

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042823\
 Data File : BF133115.D
 Acq On : 28 Apr 2023 10:47
 Operator : CG\JU
 Sample : PB152460BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB152460BS

Quant Time: Apr 28 11:07:17 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 28 02:00:53 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 05/01/2023
 Supervised By :Jagrut Upadhyay 05/01/2023

05/01/2023
 Supervised By :Jagrut
 Upadhyay

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.740	152	195818	20.000	ng	0.00
21) Naphthalene-d8	8.022	136	817481	20.000	ng	0.00
39) Acenaphthene-d10	9.775	164	432093	20.000	ng	0.00
64) Phenanthrene-d10	11.257	188	762637	20.000	ng	0.00
76) Chrysene-d12	13.892	240	503022	20.000	ng	0.00
86) Perylene-d12	15.310	264	426531	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.363	112	1616619	124.712	ng	0.02
7) Phenol-d6	6.387	99	1951877	121.313	ng	0.00
23) Nitrobenzene-d5	7.304	82	1205551	79.600	ng	0.00
42) 2,4,6-Tribromophenol	10.569	330	533119	122.682	ng	0.00
45) 2-Fluorobiphenyl	9.104	172	2108172	81.625	ng	0.00
79) Terphenyl-d14	12.845	244	2397213	82.191	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.481	88	213507	35.510	ng	97
3) Pyridine	3.175	79	564499	35.348	ng	96
4) n-Nitrosodimethylamine	3.134	42	335281	40.534	ng	93
6) Aniline	6.398	93	734749	35.456	ng	# 32
8) 2-Chlorophenol	6.522	128	598492	45.473	ng	97
9) Benzaldehyde	6.281	77	320210	45.070	ng	99
10) Phenol	6.398	94	697232	39.281	ng	# 67
11) bis(2-Chloroethyl)ether	6.475	93	557857	41.882	ng	99
12) 1,3-Dichlorobenzene	6.681	146	617253	44.111	ng	97
13) 1,4-Dichlorobenzene	6.757	146	617544	44.034	ng	97
14) 1,2-Dichlorobenzene	6.910	146	607209	46.964	ng	98
15) Benzyl Alcohol	6.887	79	468318	42.137	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.022	45	893682	38.630	ng	93
17) 2-Methylphenol	7.004	107	518325	43.008	ng	99
18) Hexachloroethane	7.251	117	213848	43.860	ng	100
19) n-Nitroso-di-n-propyla...	7.163	70	390814	39.016	ng	94
20) 3+4-Methylphenols	7.157	107	588183	41.442	ng	# 89
22) Acetophenone	7.151	105	802544	42.380	ng	# 97
24) Nitrobenzene	7.322	77	601240	39.177	ng	97
25) Isophorone	7.563	82	1124661	39.112	ng	99
26) 2-Nitrophenol	7.640	139	339096	45.810	ng	94
27) 2,4-Dimethylphenol	7.687	122	550872	43.400	ng	98
28) bis(2-Chloroethoxy)met...	7.775	93	678661	39.895	ng	99
29) 2,4-Dichlorophenol	7.887	162	503997	43.618	ng	98
30) 1,2,4-Trichlorobenzene	7.963	180	517168	43.203	ng	99
31) Naphthalene	8.045	128	1656263	40.524	ng	100
32) Benzoic acid	7.822	122	392425	50.053	ng	96
33) 4-Chloroaniline	8.092	127	460332	27.876	ng	100
34) Hexachlorobutadiene	8.163	225	278851	42.029	ng	99
35) Caprolactam	8.475	113	179688m	46.291	ng	
36) 4-Chloro-3-methylphenol	8.581	107	544885	43.729	ng	99
37) 2-Methylnaphthalene	8.734	142	1115557	39.923	ng	98
38) 1-Methylnaphthalene	8.834	142	1042145	39.868	ng	100
40) 1,2,4,5-Tetrachloroben...	8.904	216	467123	40.208	ng	99
41) Hexachlorocyclopentadiene	8.892	237	611793	90.295	ng	98
43) 2,4,6-Trichlorophenol	9.016	196	333068	41.455	ng	99

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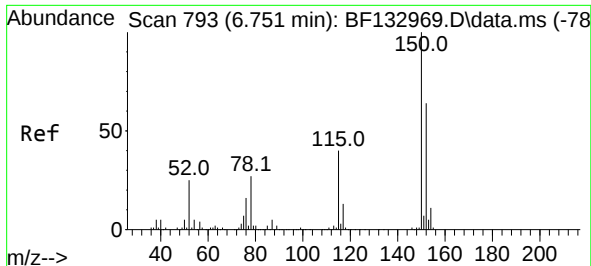
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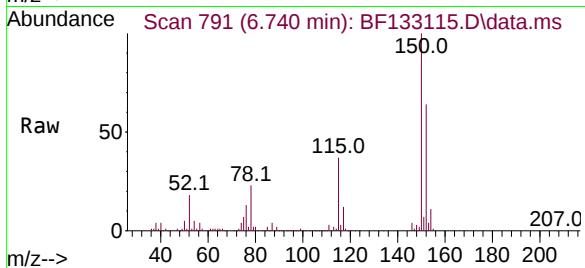
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
44) 2,4,5-Trichlorophenol	9.057	196	363505	39.120	ng	98	
46) 1,1'-Biphenyl	9.204	154	1372498	40.058	ng	98	
47) 2-Chloronaphthalene	9.222	162	1029788	41.063	ng	98	
48) 2-Nitroaniline	9.322	65	325176	39.233	ng	93	
49) Acenaphthylene	9.639	152	1574130	39.283	ng	100	
50) Dimethylphthalate	9.504	163	1211396	40.207	ng	99	
51) 2,6-Dinitrotoluene	9.563	165	279711	41.248	ng	90	
52) Acenaphthene	9.810	154	1172977m	43.706	ng		
53) 3-Nitroaniline	9.728	138	263939	32.734	ng	99	
54) 2,4-Dinitrophenol	9.839	184	343126	100.665	ng	94	
55) Dibenzofuran	9.981	168	1451045	39.636	ng	98	
56) 4-Nitrophenol	9.904	139	532043	85.195	ng	98	
57) 2,4-Dinitrotoluene	9.969	165	378501	43.767	ng	#	85
58) Fluorene	10.322	166	1077111	40.159	ng	100	
59) 2,3,4,6-Tetrachlorophenol	10.098	232	304891	42.324	ng	97	
60) Diethylphthalate	10.204	149	1130007	39.707	ng	99	
61) 4-Chlorophenyl-phenyle...	10.316	204	514919	39.395	ng	97	
62) 4-Nitroaniline	10.351	138	337113	45.490	ng	91	
63) Azobenzene	10.475	77	1125003	37.317	ng	98	
65) 4,6-Dinitro-2-methylph...	10.375	198	222408	48.114	ng	90	
66) n-Nitrosodiphenylamine	10.439	169	988610	39.963	ng	99	
67) 4-Bromophenyl-phenylether	10.804	248	335523	40.565	ng	97	
68) Hexachlorobenzene	10.875	284	372456	43.945	ng	95	
69) Atrazine	10.969	200	327396	45.930	ng	97	
70) Pentachlorophenol	11.069	266	453415	75.117	ng	98	
71) Phenanthrene	11.281	178	1640155	40.014	ng	99	
72) Anthracene	11.333	178	1673276	39.889	ng	99	
73) Carbazole	11.486	167	1549558	41.485	ng	99	
74) Di-n-butylphthalate	11.822	149	1760446	41.648	ng	99	
75) Fluoranthene	12.469	202	1684982	40.960	ng	97	
77) Benzidine	12.586	184	790813	92.967	ng	#	93
78) Pyrene	12.698	202	1737646	40.297	ng	99	
80) Butylbenzylphthalate	13.322	149	729297	47.767	ng	98	
81) Benzo(a)anthracene	13.886	228	1387511	40.112	ng	99	
82) 3,3'-Dichlorobenzidine	13.845	252	408430	42.741	ng	99	
83) Chrysene	13.922	228	1369460	39.600	ng	99	
84) Bis(2-ethylhexyl)phtha...	13.880	149	825889	43.096	ng	100	
85) Di-n-octyl phthalate	14.492	149	1465434	46.897	ng	96	
87) Indeno(1,2,3-cd)pyrene	16.692	276	1166811	48.092	ng	99	
88) Benzo(b)fluoranthene	14.910	252	1261982	46.507	ng	99	
89) Benzo(k)fluoranthene	14.939	252	1123582	41.770	ng	100	
90) Benzo(a)pyrene	15.251	252	1022527	41.400	ng	99	
91) Dibenzo(a,h)anthracene	16.715	278	980913	48.474	ng	99	
92) Benzo(g,h,i)perylene	17.115	276	975371	48.823	ng	96	

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.740 min Scan# 793
Delta R.T. -0.000 min
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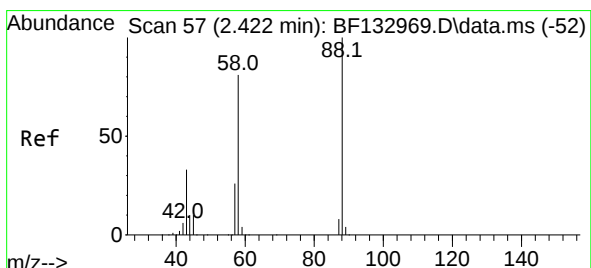
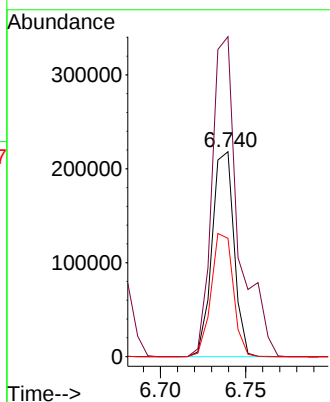
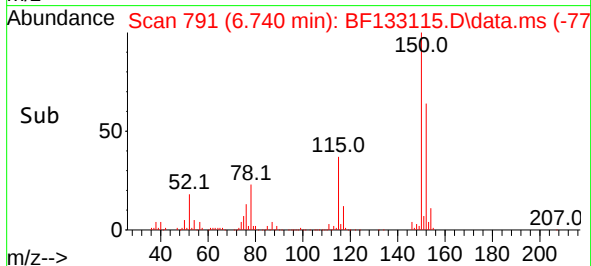
Tgt Ion:152 Resp: 195818
Ion Ratio Lower Upper
152 100
150 156.2 124.8 187.2
115 57.8 49.9 74.9

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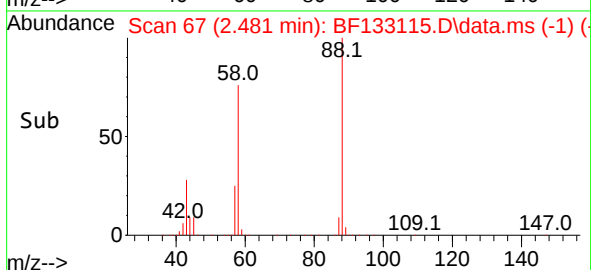
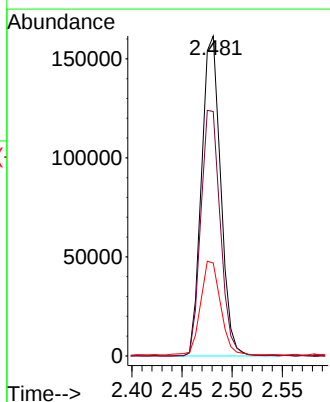
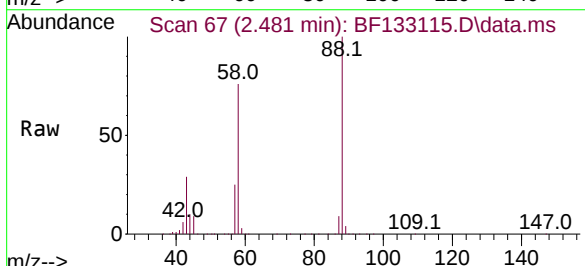
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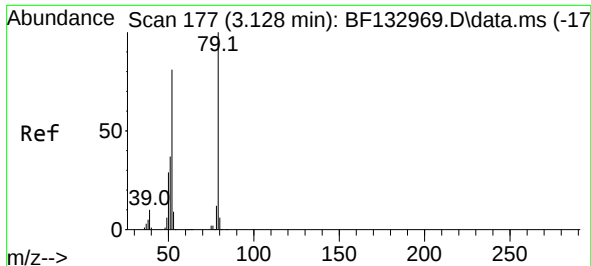
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#2
1,4-Dioxane
Concen: 35.510 ng
RT: 2.481 min Scan# 67
Delta R.T. 0.088 min
Lab File: BF133115.D
Acq: 28 Apr 2023 10:47

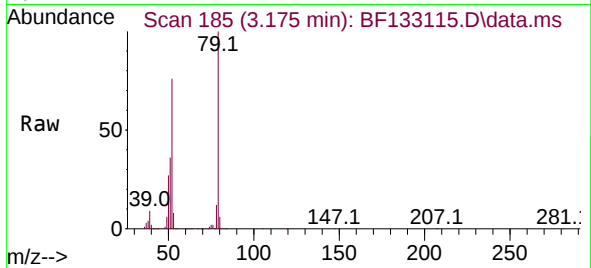
Tgt Ion: 88 Resp: 213507
Ion Ratio Lower Upper
88 100
58 78.2 64.7 97.1
43 30.6 26.2 39.2





#3
Pyridine
Concen: 35.348 ng
RT: 3.175 min Scan# 18
Delta R.T. 0.082 min
Lab File: BF133115.D
Acq: 28 Apr 2023 10:47

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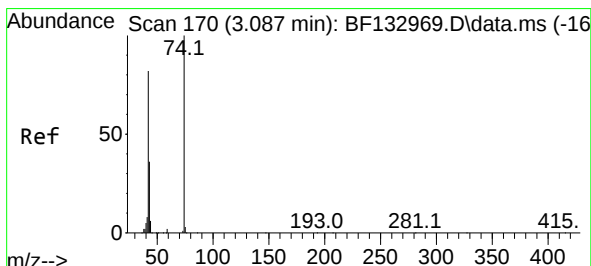
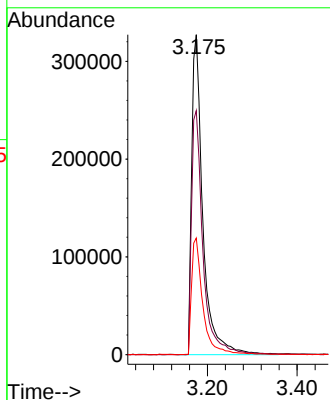
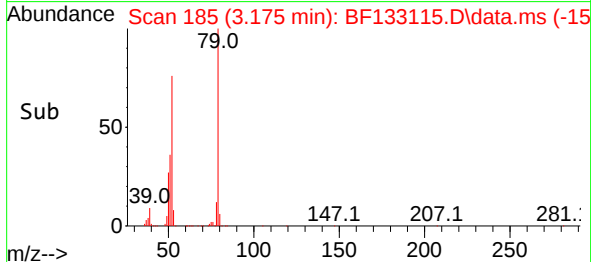
Tgt Ion: 79 Resp: 564499
Ion Ratio Lower Upper
79 100
52 76.2 64.6 96.8
51 36.4 30.0 45.0

Manual Integrations
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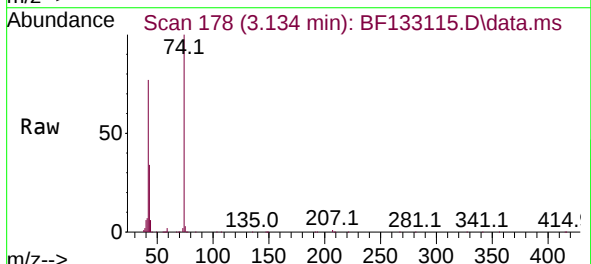
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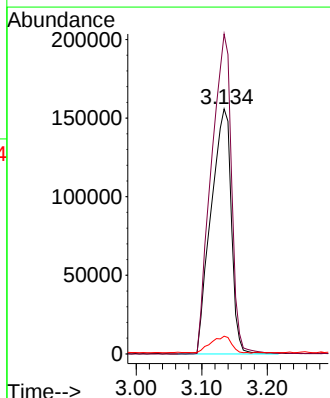
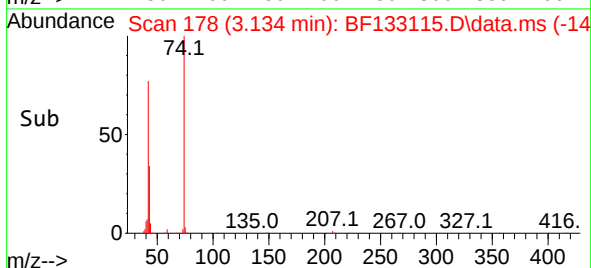
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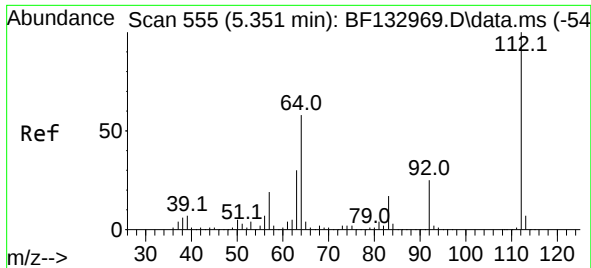


#4
n-Nitrosodimethylamine
Concen: 40.534 ng
RT: 3.134 min Scan# 178
Delta R.T. 0.082 min
Lab File: BF133115.D
Acq: 28 Apr 2023 10:47



Tgt Ion: 42 Resp: 335281
Ion Ratio Lower Upper
42 100
74 130.6 98.0 147.0
44 7.2 5.8 8.8





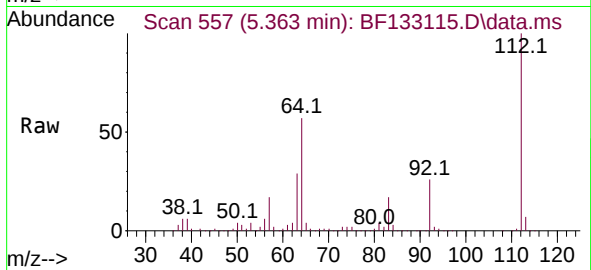
#5
2-Fluorophenol
Concen: 124.712 ng
RT: 5.363 min Scan# 511
Delta R.T. 0.018 min
Lab File: BF133115.D
Acq: 28 Apr 2023 10:47

Instrument :

BNA_F

ClientSampleId :

PB152460BS



Tgt Ion:112 Resp: 1616619
Ion Ratio Lower Upper
112 100
64 56.7 46.8 70.2
63 28.5 23.8 35.8

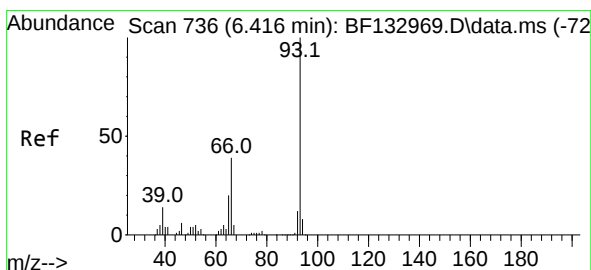
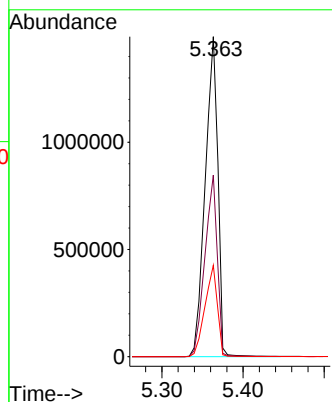
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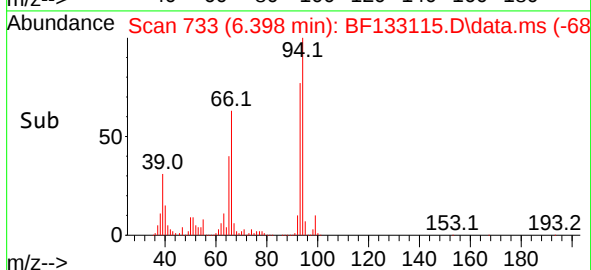
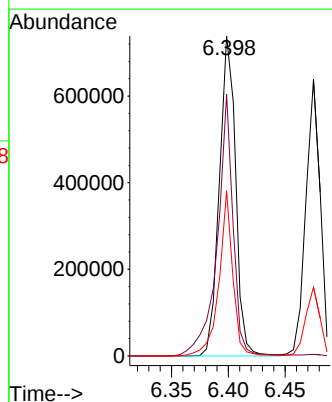
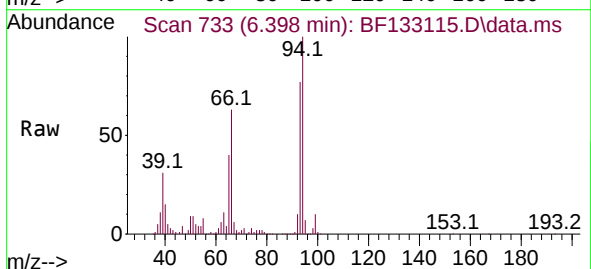
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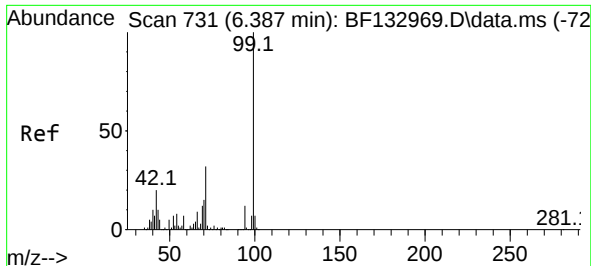
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#6
Aniline
Concen: 35.456 ng
RT: 6.398 min Scan# 733
Delta R.T. -0.006 min
Lab File: BF133115.D
Acq: 28 Apr 2023 10:47

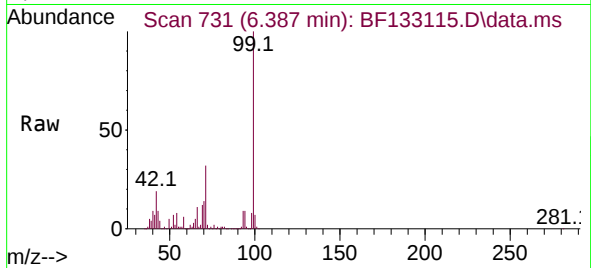
Tgt Ion: 93 Resp: 734749
Ion Ratio Lower Upper
93 100
66 81.8 31.5 47.3#
65 51.6 16.4 24.6#





#7
Phenol-d6
Concen: 121.313 ng
RT: 6.387 min Scan# 731
Delta R.T. 0.006 min
Lab File: BF133115.D
Acq: 28 Apr 2023 10:47

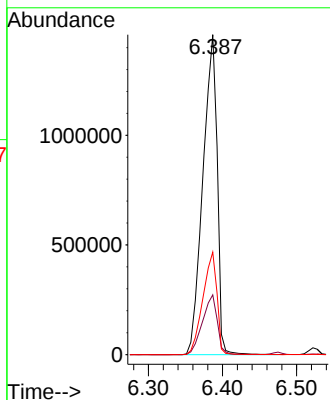
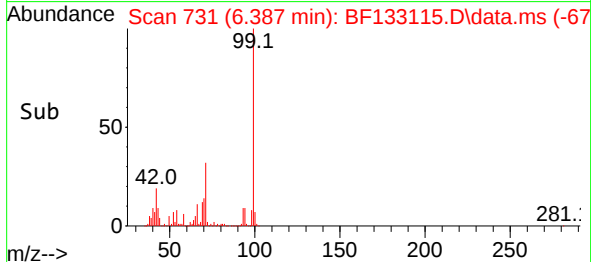
Instrument :
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Tgt Ion: 99 Resp: 195187
Ion Ratio Lower Upper
99 100
42 18.7 16.3 24.5
71 32.0 25.6 38.4

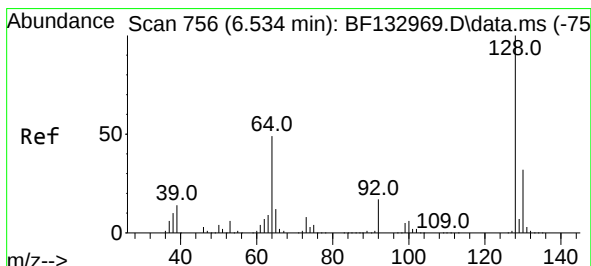
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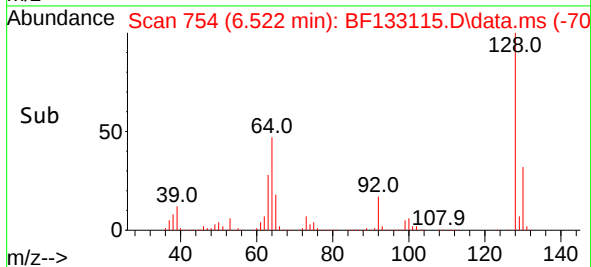
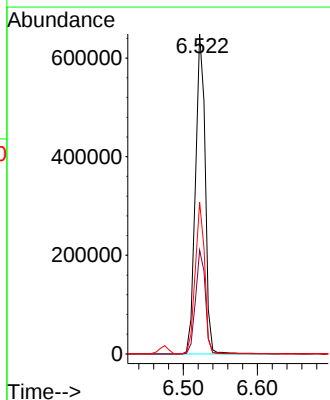
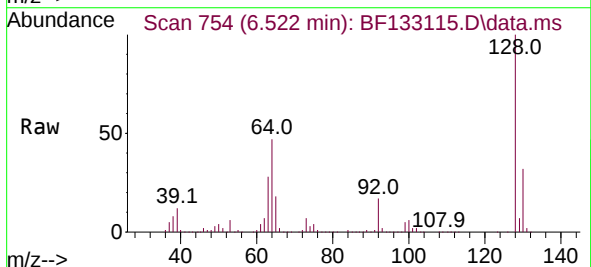
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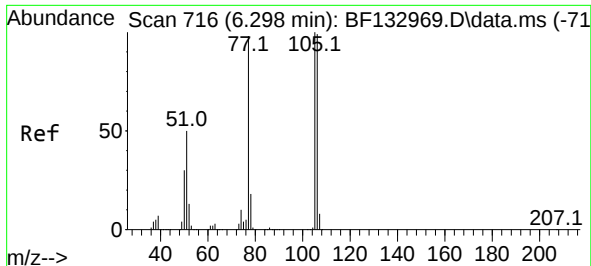
05/01/2023



#8
2-Chlorophenol
Concen: 45.473 ng
RT: 6.522 min Scan# 754
Delta R.T. -0.000 min
Lab File: BF133115.D
Acq: 28 Apr 2023 10:47

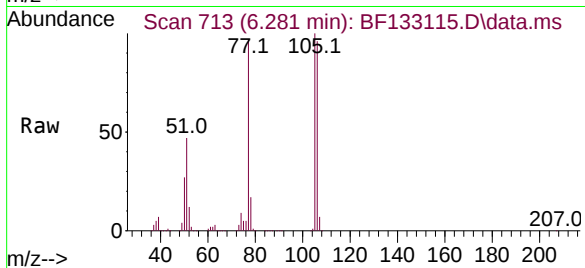
Tgt Ion:128 Resp: 598492
Ion Ratio Lower Upper
128 100
130 32.4 12.2 52.2
64 47.4 30.3 70.3





#9
Benzaldehyde
Concen: 45.070 ng
RT: 6.281 min Scan# 716
Delta R.T. -0.006 min
Lab File: BF133115.D
Acq: 28 Apr 2023 10:47

Instrument :
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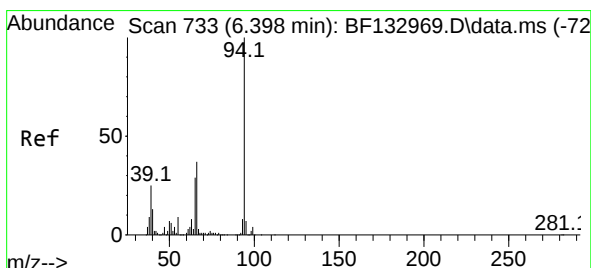
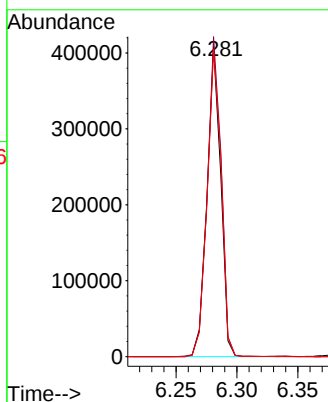
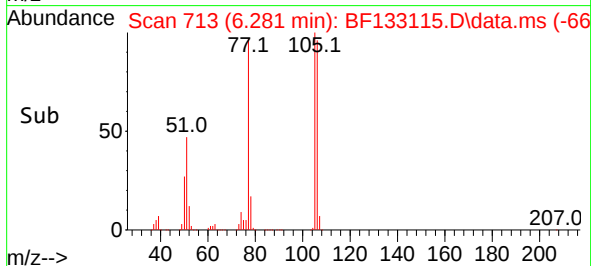
Tgt Ion: 77 Resp: 320210
Ion Ratio Lower Upper
77 100
105 103.2 82.3 122.3
106 99.1 80.8 120.8

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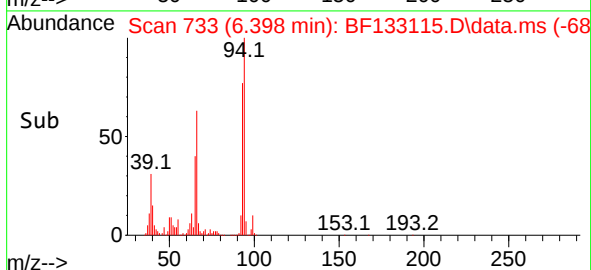
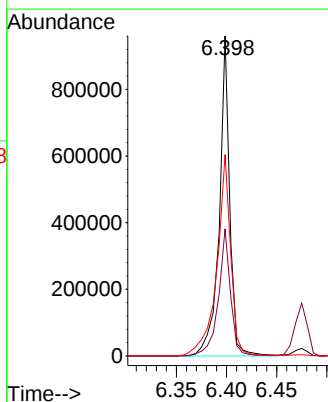
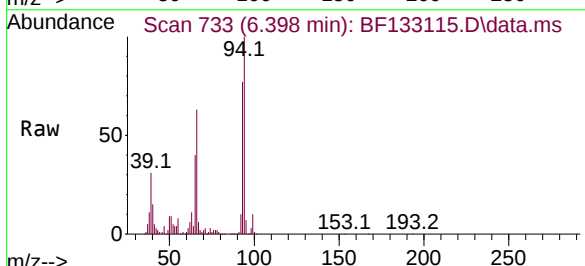
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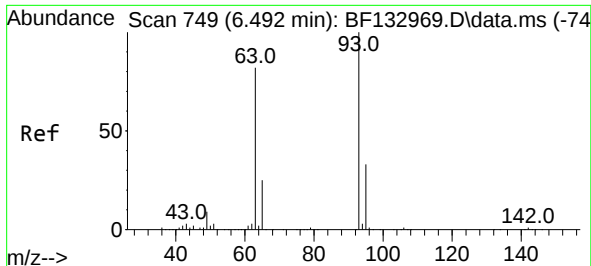
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#10
Phenol
Concen: 39.281 ng
RT: 6.398 min Scan# 733
Delta R.T. 0.006 min
Lab File: BF133115.D
Acq: 28 Apr 2023 10:47

Tgt Ion: 94 Resp: 697232
Ion Ratio Lower Upper
94 100
65 39.7 8.6 48.6
66 62.9 17.3 57.3#





#11

bis(2-Chloroethyl)ether

Concen: 41.882 ng

RT: 6.475 min Scan# 749

Delta R.T. -0.006 min

Lab File: BF133115.D

Acq: 28 Apr 2023 10:47

Instrument :

BNA_F

ClientSampleId :

PB152460BS

Tgt Ion: 93 Resp: 55785

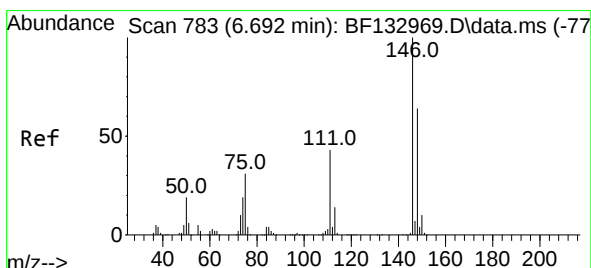
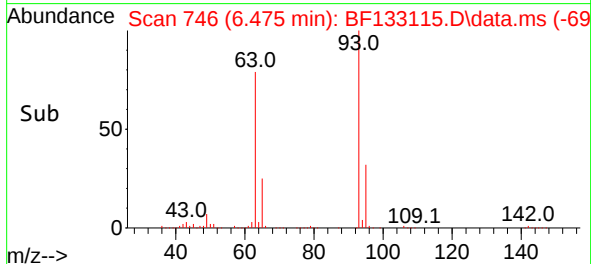
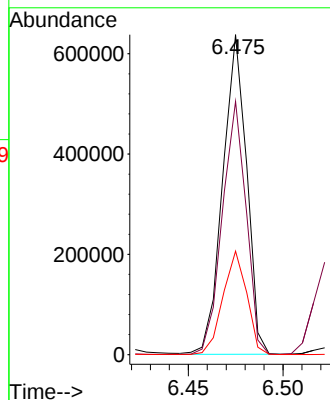
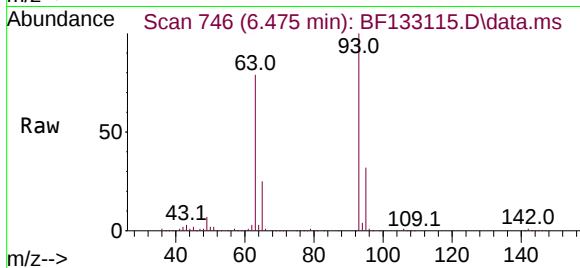
Ion	Ratio	Lower	Upper
93	100		
63	79.1	60.6	100.6
95	32.3	12.9	52.9

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Upadhyay

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#12

1,3-Dichlorobenzene

Concen: 44.111 ng

RT: 6.681 min Scan# 781

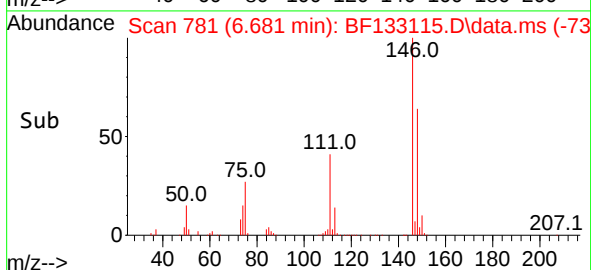
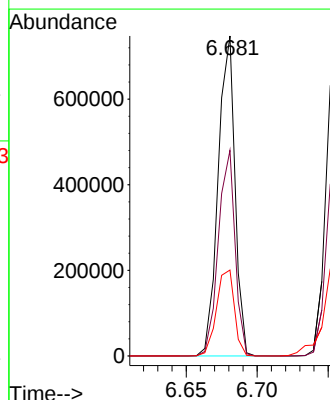
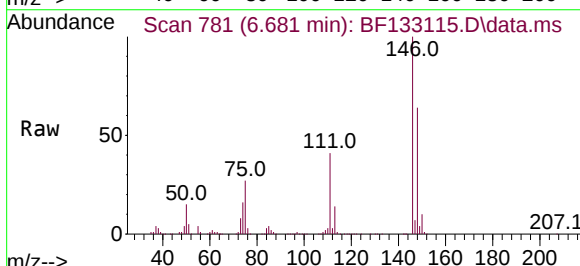
Delta R.T. -0.000 min

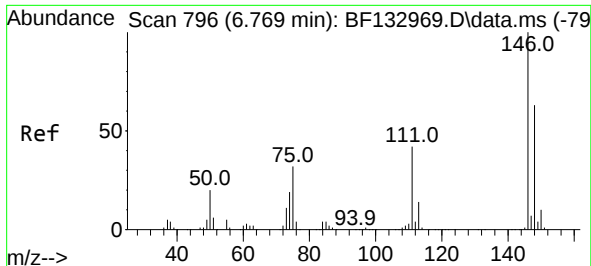
Lab File: BF133115.D

Acq: 28 Apr 2023 10:47

Tgt Ion:146 Resp: 617253

Ion	Ratio	Lower	Upper
146	100		
148	64.2	51.0	76.4
75	26.8	24.8	37.2





#13

1,4-Dichlorobenzene

Concen: 44.034 ng

RT: 6.757 min Scan# 796

Delta R.T. -0.000 min

Lab File: BF133115.D

Acq: 28 Apr 2023 10:47

Instrument :

BNA_F

ClientSampleId :

PB152460BS

Tgt Ion:146 Resp: 617544
 Ion Ratio Lower Upper
 146 100
 148 65.4 50.3 75.5
 111 39.9 33.8 50.6

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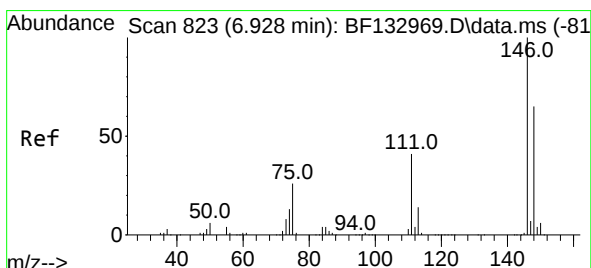
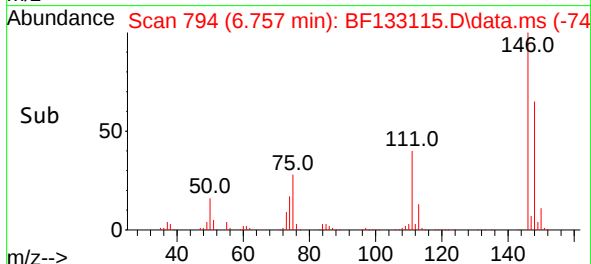
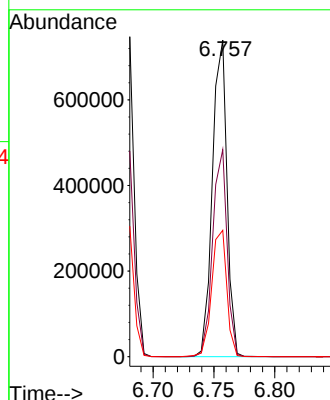
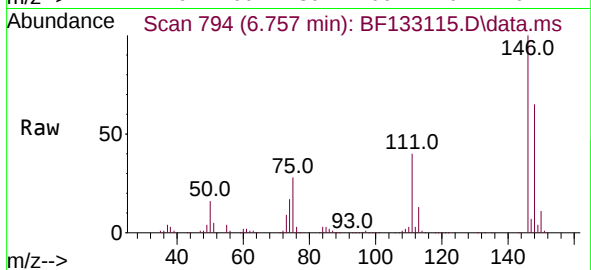
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 Upadhyay

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#14

1,2-Dichlorobenzene

Concen: 46.964 ng

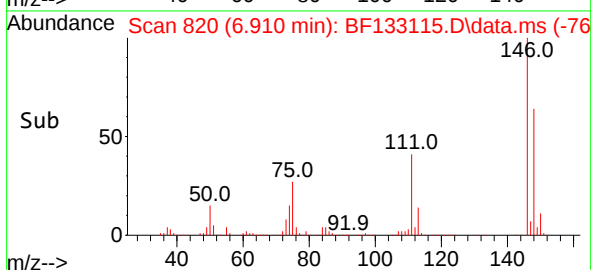
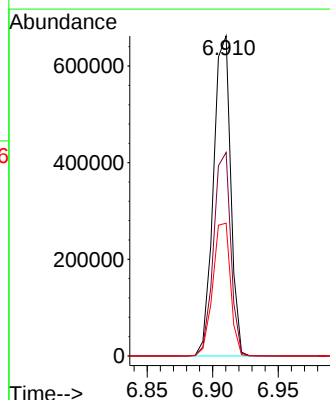
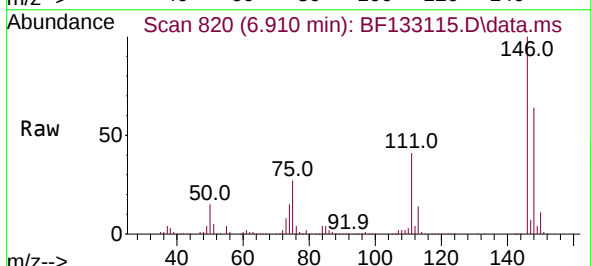
RT: 6.910 min Scan# 820

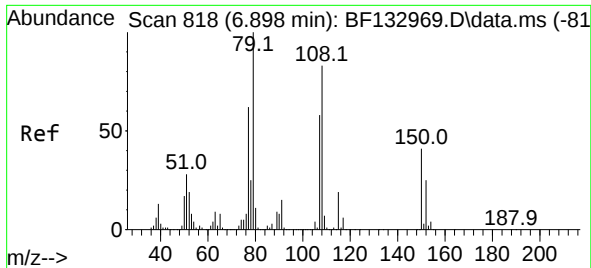
Delta R.T. -0.000 min

Lab File: BF133115.D

Acq: 28 Apr 2023 10:47

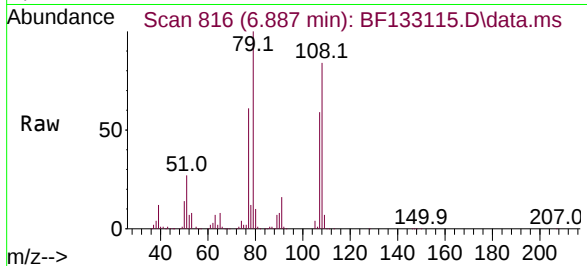
Tgt Ion:146 Resp: 607209
 Ion Ratio Lower Upper
 146 100
 148 63.6 52.2 78.2
 111 41.5 32.8 49.2





#15
Benzyl Alcohol
Concen: 42.137 ng
RT: 6.887 min Scan# 818
Delta R.T. -0.000 min
Lab File: BF133115.D
Acq: 28 Apr 2023 10:47

Instrument :
BNA_F
ClientSampleId :
PB152460BS



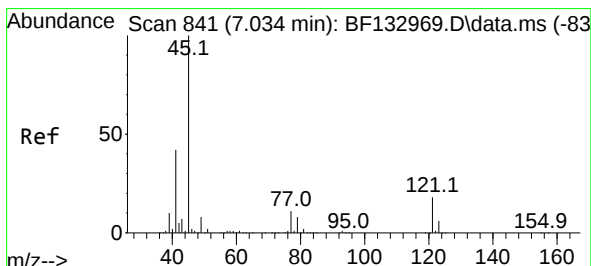
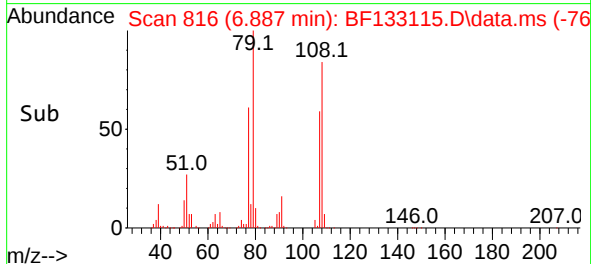
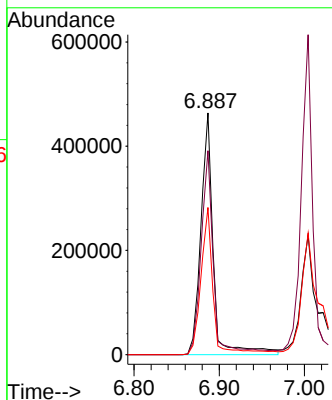
Tgt Ion: 79 Resp: 468318
Ion Ratio Lower Upper
79 100
108 84.3 66.6 99.8
77 60.8 49.2 73.8

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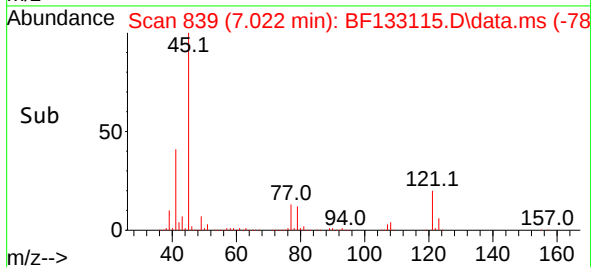
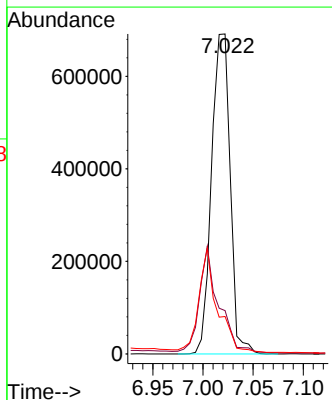
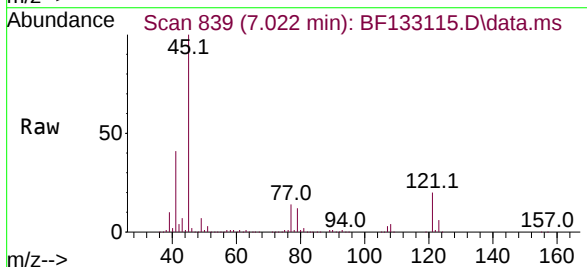
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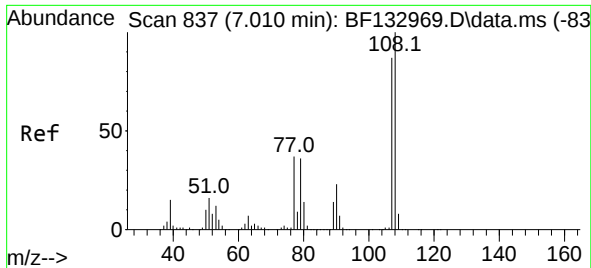
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.630 ng
RT: 7.022 min Scan# 839
Delta R.T. -0.000 min
Lab File: BF133115.D
Acq: 28 Apr 2023 10:47

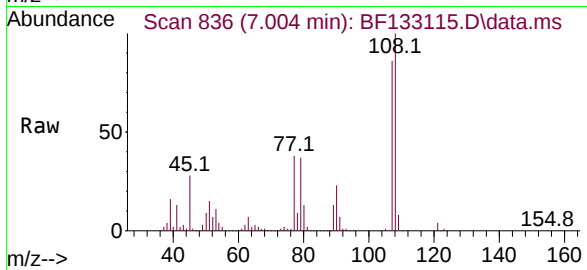
Tgt Ion: 45 Resp: 893682
Ion Ratio Lower Upper
45 100
77 13.5 0.0 31.5
79 11.7 0.0 28.7





#17
2-Methylphenol
Concen: 43.008 ng
RT: 7.004 min Scan# 836
Delta R.T. 0.006 min
Lab File: BF133115.D
Acq: 28 Apr 2023 10:47

Instrument :
BNA_F
ClientSampleId :
PB152460BS



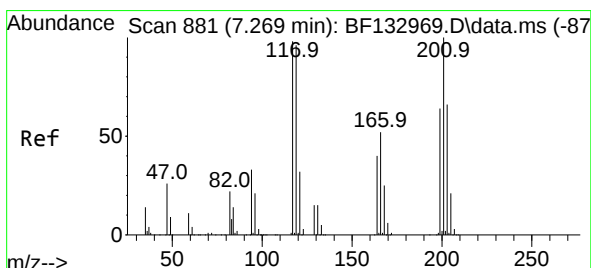
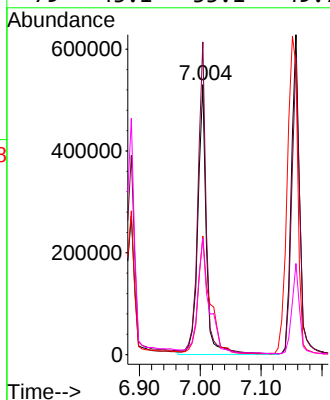
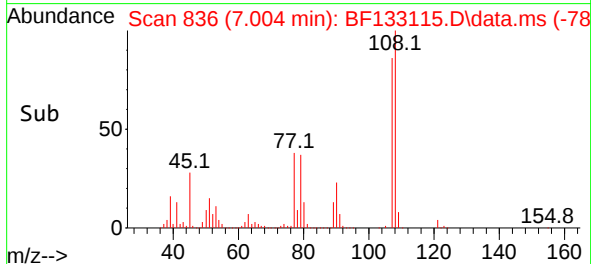
Tgt Ion:	107	Resp:	518325
Ion Ratio	Lower	Upper	
107	100		
108	115.8	92.4	138.6
77	43.9	33.8	50.8
79	43.1	33.1	49.7

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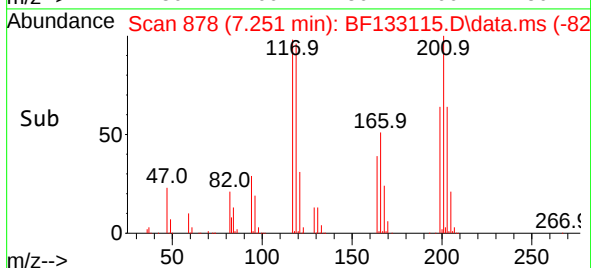
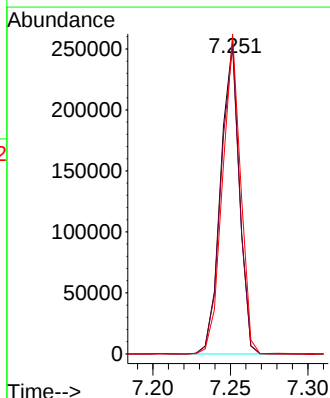
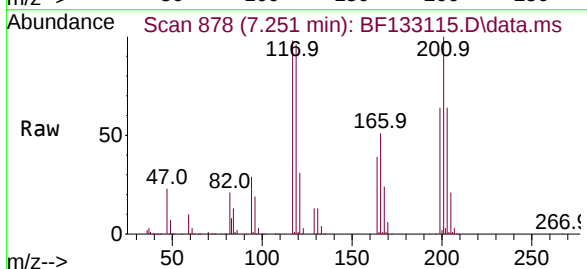
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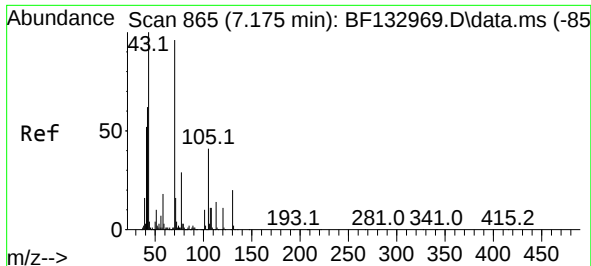
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#18
Hexachloroethane
Concen: 43.860 ng
RT: 7.251 min Scan# 878
Delta R.T. -0.000 min
Lab File: BF133115.D
Acq: 28 Apr 2023 10:47

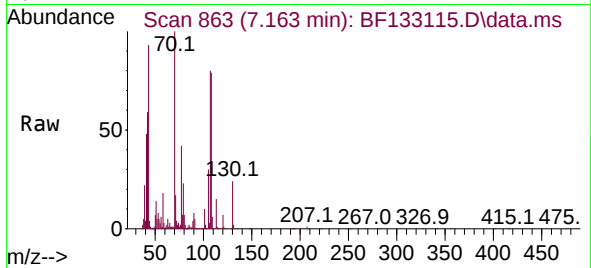
Tgt Ion:	117	Resp:	213848
Ion Ratio	Lower	Upper	
117	100		
119	98.3	78.2	117.4
201	102.2	81.7	122.5





#19
n-Nitroso-di-n-propylamine
Concen: 39.016 ng
RT: 7.163 min Scan# 80
Delta R.T. 0.006 min
Lab File: BF133115.D
Acq: 28 Apr 2023 10:47

Instrument :
BNA_F
ClientSampleId :
PB152460BS



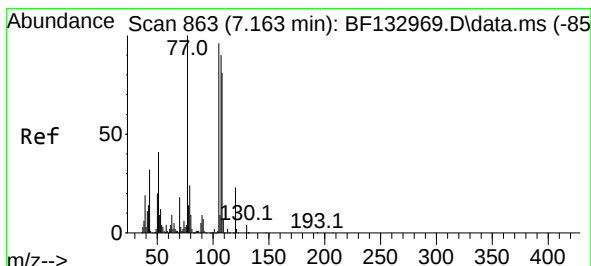
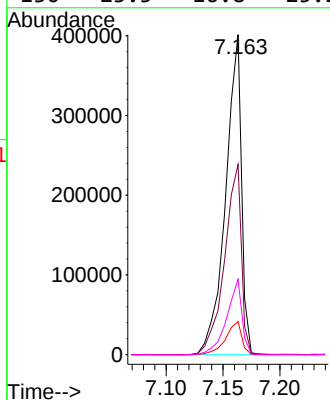
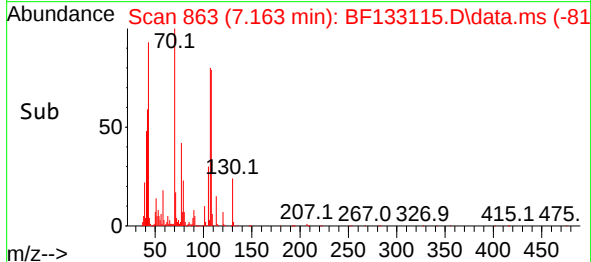
Tgt Ion: 70 Resp: 390814
Ion Ratio Lower Upper
70 100
42 59.5 51.8 77.6
101 10.3 8.0 12.0
130 23.5 16.8 25.2

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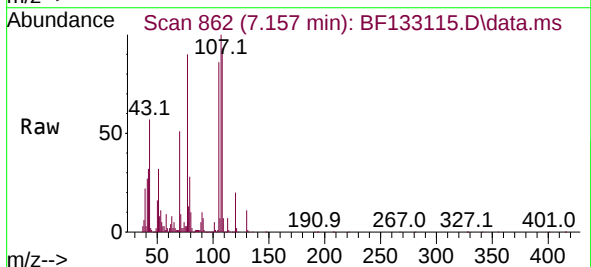
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Upadhyay

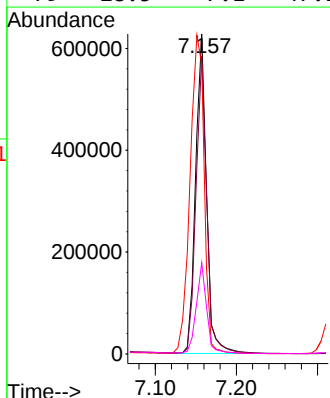
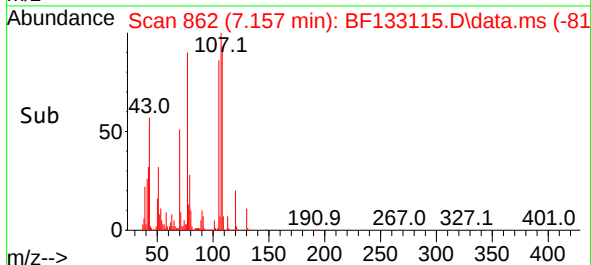
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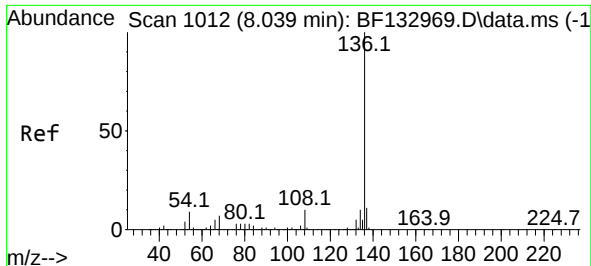


#20
3+4-Methylphenols
Concen: 41.442 ng
RT: 7.157 min Scan# 862
Delta R.T. -0.000 min
Lab File: BF133115.D
Acq: 28 Apr 2023 10:47



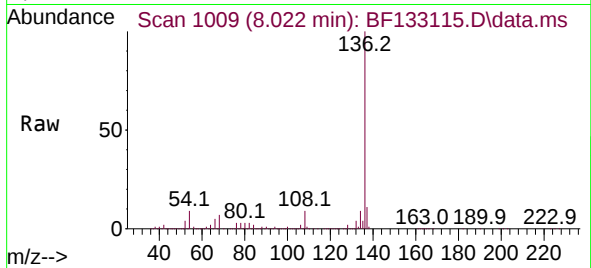
Tgt Ion:107 Resp: 588183
Ion Ratio Lower Upper
107 100
108 93.1 70.5 110.5
77 90.4 91.7 131.7#
79 28.5 7.1 47.1





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.022 min Scan# 1012
Delta R.T. -0.000 min
Lab File: BF133115.D
Acq: 28 Apr 2023 10:47

Instrument :
BNA_F
ClientSampleId :
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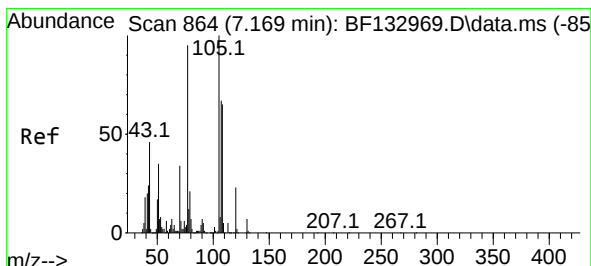
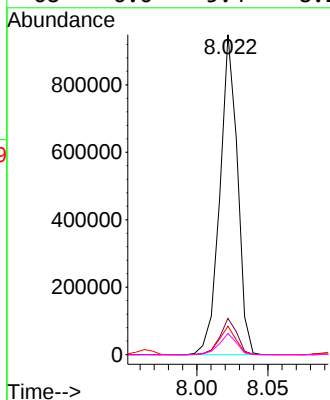
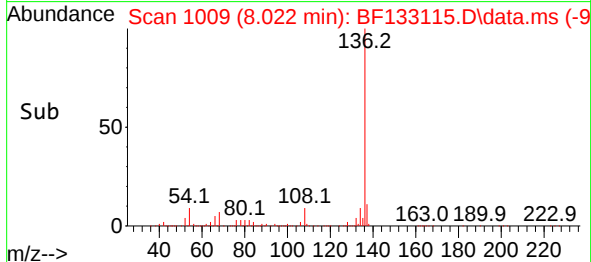
Tgt Ion:136 Resp: 817481
Ion Ratio Lower Upper
136 100
137 11.3 8.6 13.0
54 8.9 7.0 10.4
68 6.6 5.4 8.2

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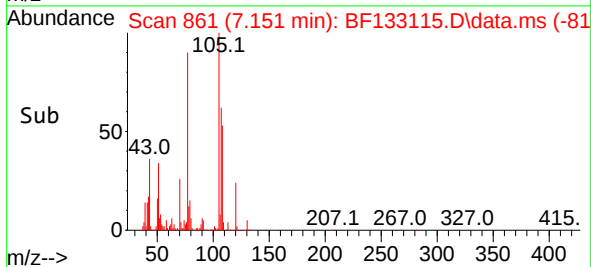
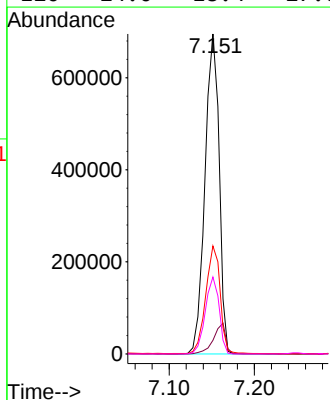
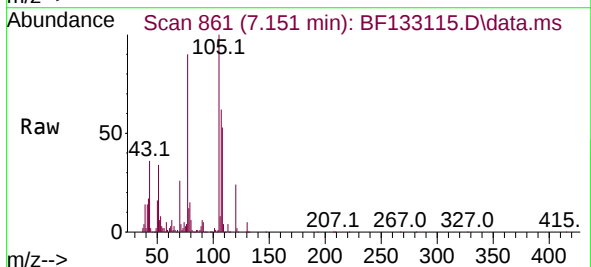
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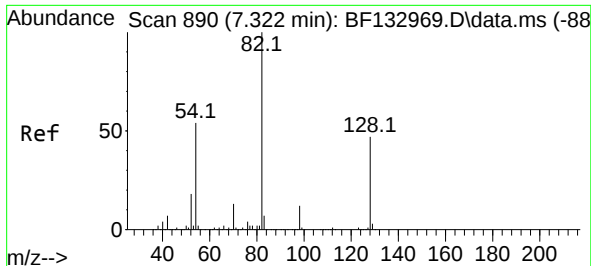
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#22
Acetophenone
Concen: 42.380 ng
RT: 7.151 min Scan# 861
Delta R.T. -0.000 min
Lab File: BF133115.D
Acq: 28 Apr 2023 10:47

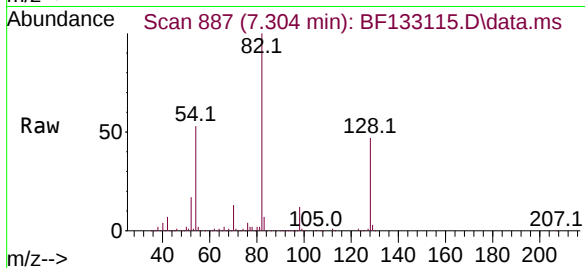
Tgt Ion:105 Resp: 802544
Ion Ratio Lower Upper
105 100
71 4.2 4.6 7.0#
51 33.7 28.2 42.2
120 24.0 18.4 27.6





#23
Nitrobenzene-d5
Concen: 79.600 ng
RT: 7.304 min Scan# 887
Delta R.T. -0.000 min
Lab File: BF133115.D
Acq: 28 Apr 2023 10:47

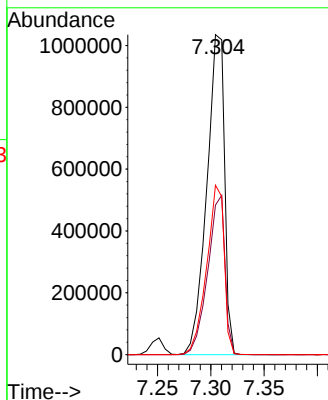
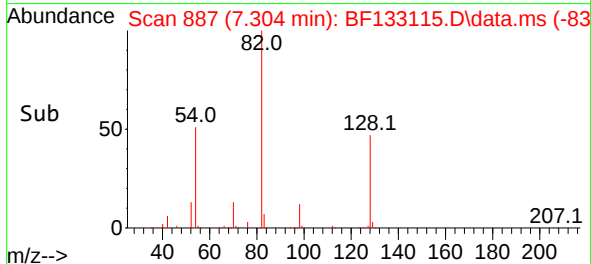
Instrument :
BNA_F
ClientSampleId :
PB152460BS



Tgt Ion: 82 Resp: 120555
Ion Ratio Lower Upper
82 100
128 46.7 37.7 56.5
54 52.9 43.0 64.4

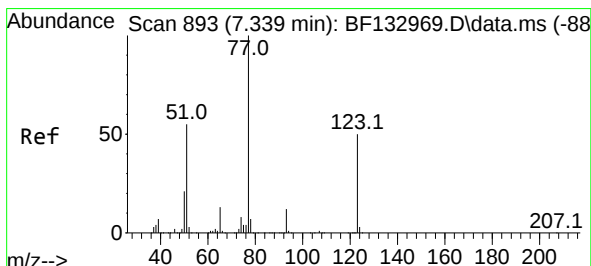
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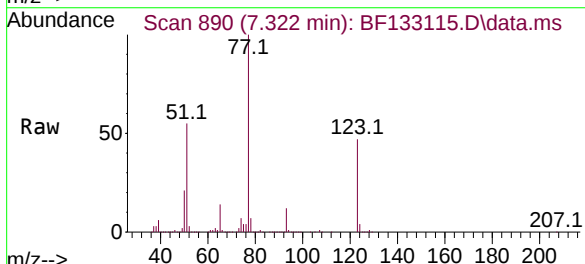


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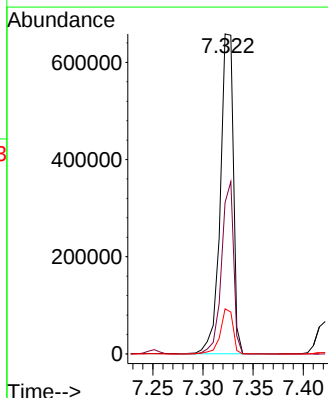
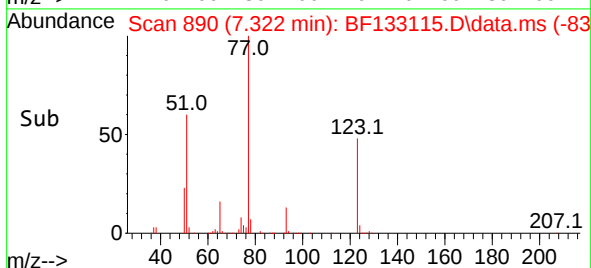
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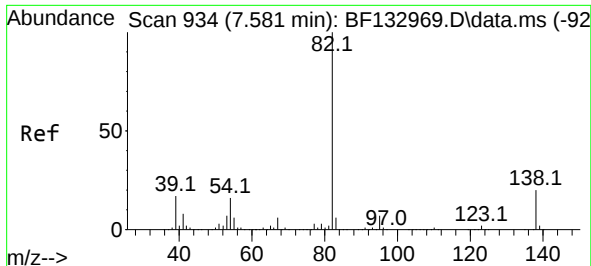


#24
Nitrobenzene
Concen: 39.177 ng
RT: 7.322 min Scan# 890
Delta R.T. -0.000 min
Lab File: BF133115.D
Acq: 28 Apr 2023 10:47



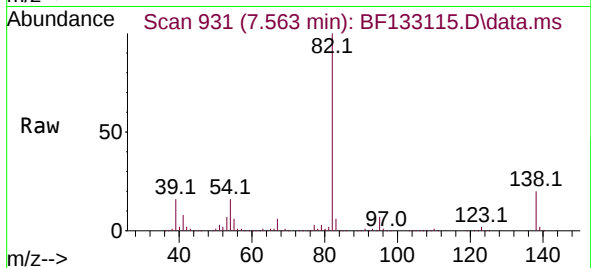
Tgt Ion: 77 Resp: 601240
Ion Ratio Lower Upper
77 100
123 47.3 39.9 59.9
65 14.1 10.7 16.1





#25
Isophorone
Concen: 39.112 ng
RT: 7.563 min Scan# 931
Delta R.T. -0.000 min
Lab File: BF133115.D
Acq: 28 Apr 2023 10:47

Instrument :
BNA_F
ClientSampleId :
PB152460BS



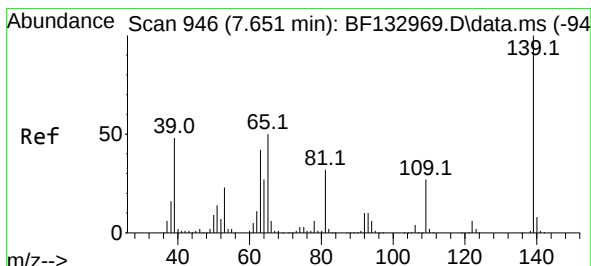
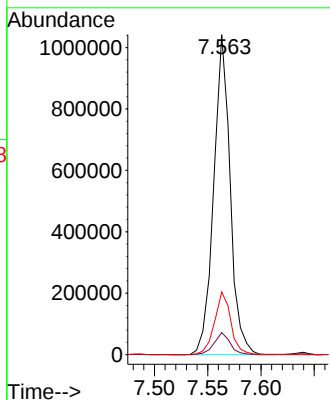
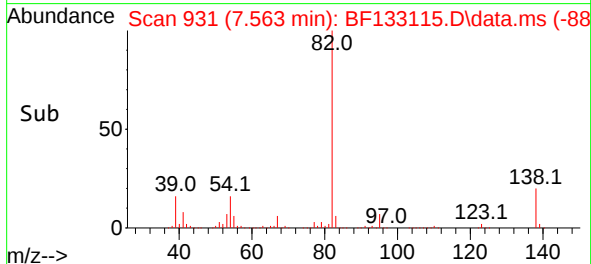
Tgt Ion: 82 Resp: 112466
Ion Ratio Lower Upper
82 100
95 6.9 5.4 8.0
138 19.6 16.0 24.0

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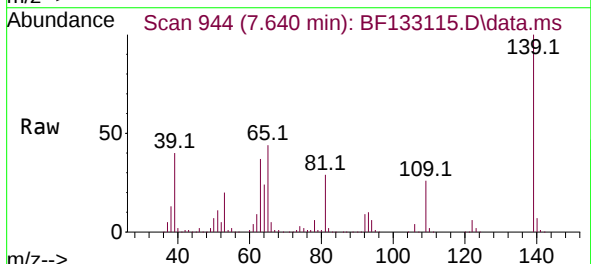
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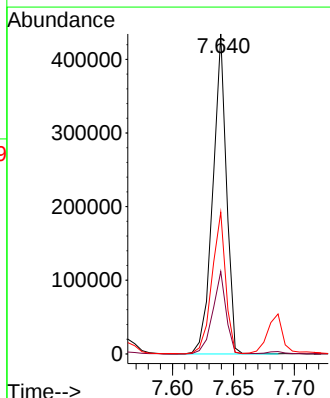
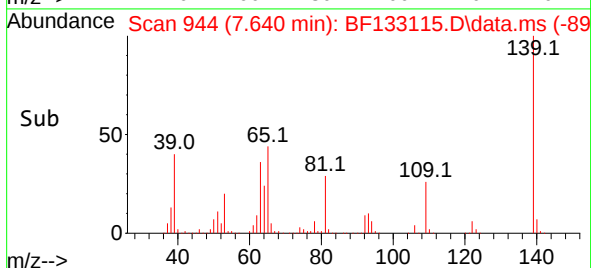
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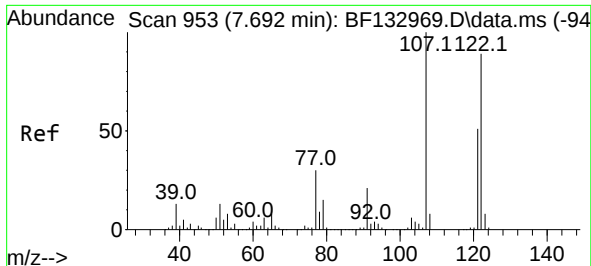


#26
2-Nitrophenol
Concen: 45.810 ng
RT: 7.640 min Scan# 944
Delta R.T. -0.000 min
Lab File: BF133115.D
Acq: 28 Apr 2023 10:47



Tgt Ion:139 Resp: 339096
Ion Ratio Lower Upper
139 100
109 25.7 21.6 32.4
65 44.3 39.8 59.6





#27

2,4-Dimethylphenol

Concen: 43.400 ng

RT: 7.687 min Scan# 91

Delta R.T. -0.000 min

Lab File: BF133115.D

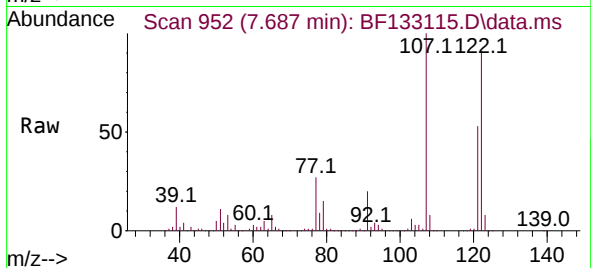
Acq: 28 Apr 2023 10:47

Instrument :

BNA_F

ClientSampleId :

PB152460BS



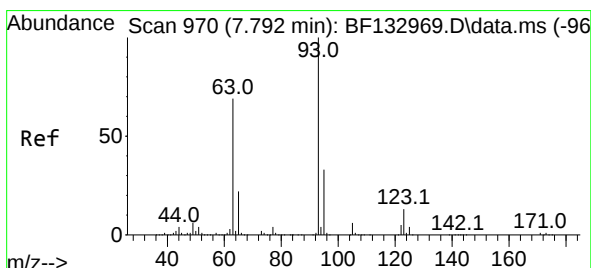
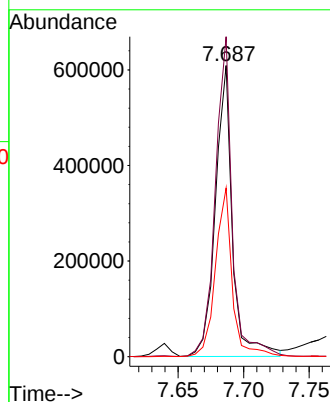
Tgt Ion	Ratio	Lower	Upper
122	100		
107	109.9	89.7	134.5
121	57.9	46.0	69.0

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Upadhyay

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#28

bis(2-Chloroethoxy)methane

Concen: 39.895 ng

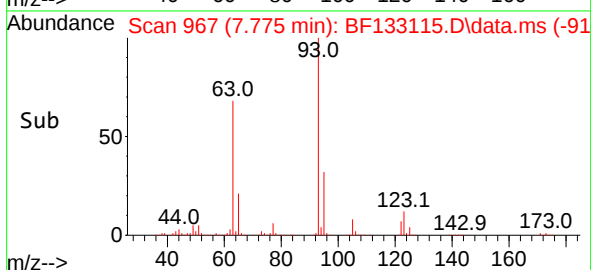
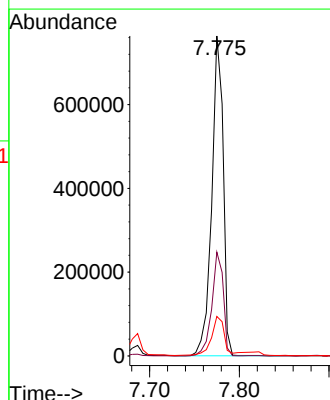
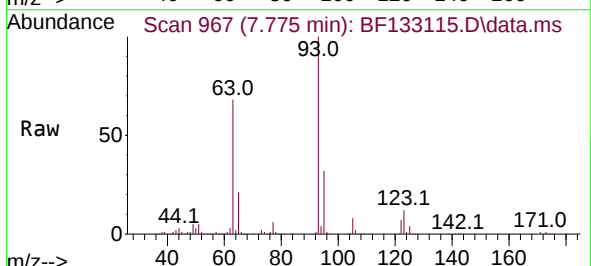
RT: 7.775 min Scan# 967

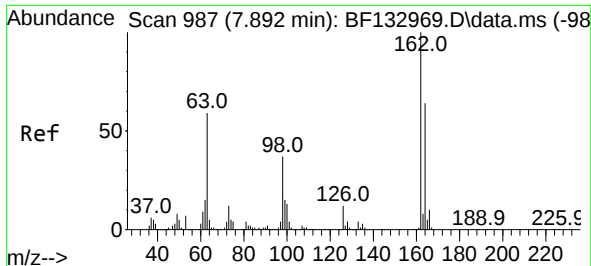
Delta R.T. -0.000 min

Lab File: BF133115.D

Acq: 28 Apr 2023 10:47

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.4	26.4	39.6
123	12.3	10.3	15.5





#29

2,4-Dichlorophenol

Concen: 43.618 ng

RT: 7.887 min Scan# 987

Delta R.T. -0.000 min

Lab File: BF133115.D

Acq: 28 Apr 2023 10:47

Instrument :

BNA_F

ClientSampleId :

PB152460BS

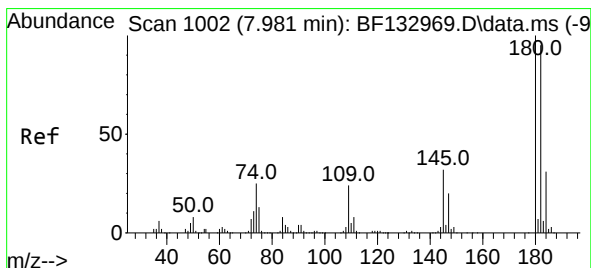
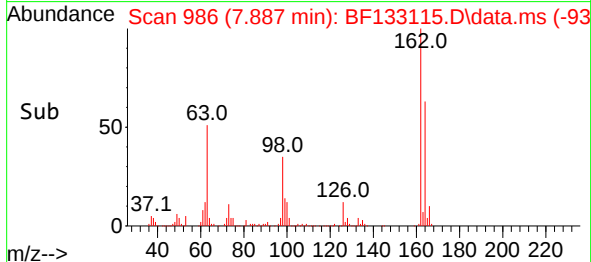
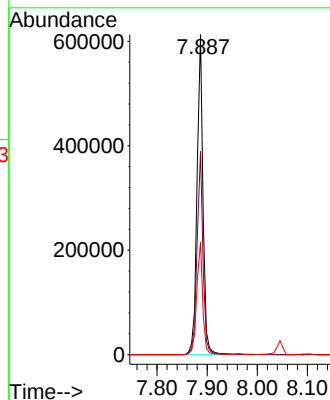
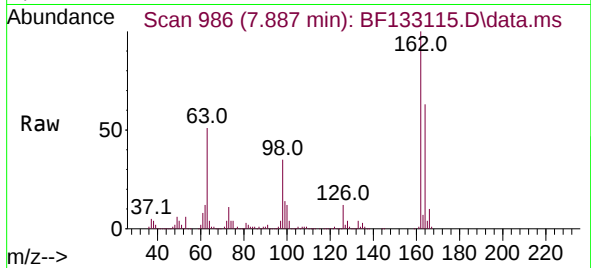
Tgt Ion:	162	Resp:	50399
Ion Ratio	Lower	Upper	
162	100		
164	63.5	43.9	83.9
98	35.1	17.0	57.0

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Supervised By :Jagrut Upadhyay 05/01/2023

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Upadhyay

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#30

1,2,4-Trichlorobenzene

Concen: 43.203 ng

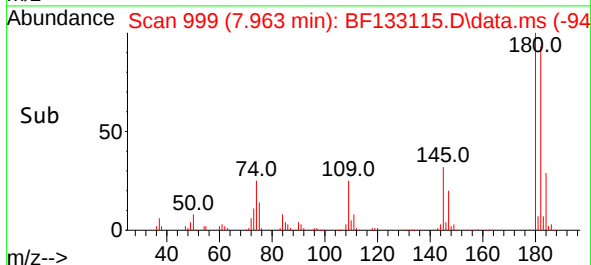
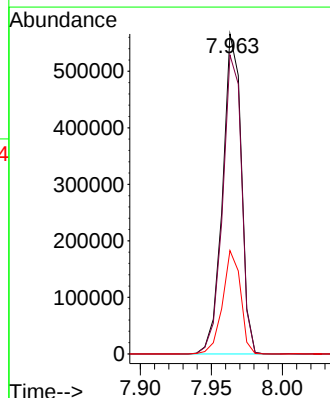
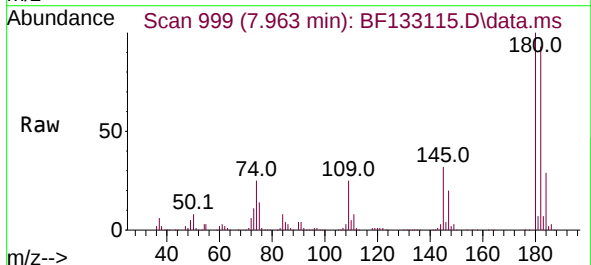
RT: 7.963 min Scan# 999

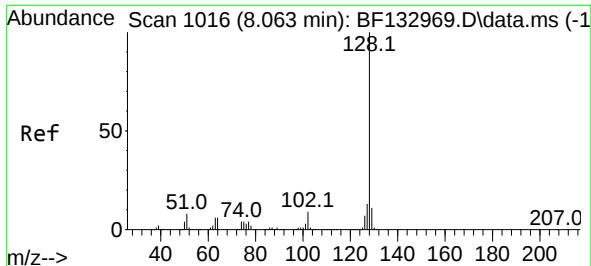
Delta R.T. -0.006 min

Lab File: BF133115.D

Acq: 28 Apr 2023 10:47

Tgt Ion:	180	Resp:	517168
Ion Ratio	Lower	Upper	
180	100		
182	93.4	75.9	113.9
145	32.3	25.3	37.9





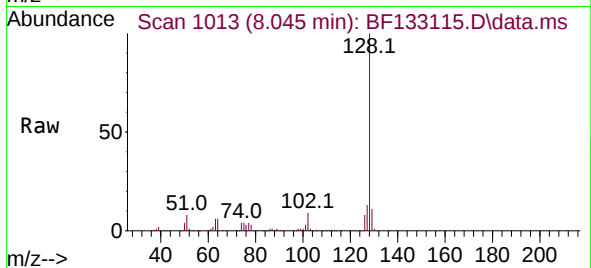
#31
Naphthalene
Concen: 40.524 ng
RT: 8.045 min Scan# 1016
Delta R.T. -0.000 min
Lab File: BF133115.D
Acq: 28 Apr 2023 10:47

Instrument :

BNA_F

ClientSampleId :

PB152460BS



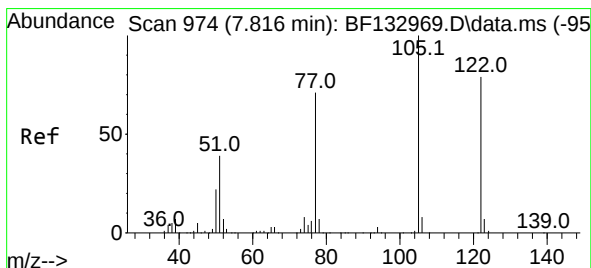
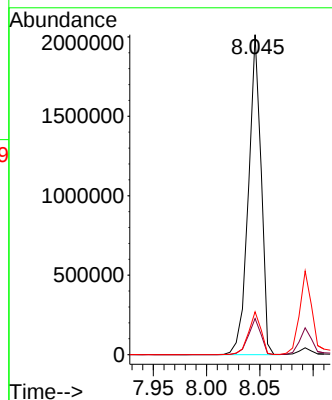
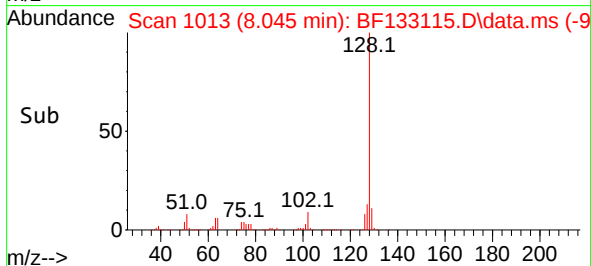
Tgt Ion:128 Resp: 1656263
Ion Ratio Lower Upper
128 100
129 11.3 8.8 13.2
127 13.4 10.7 16.1

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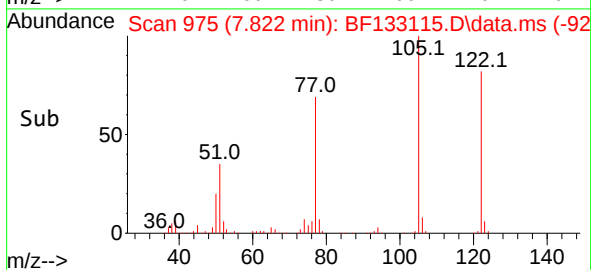
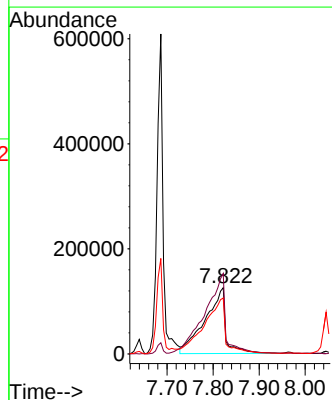
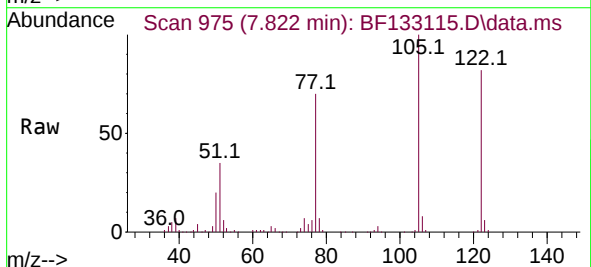
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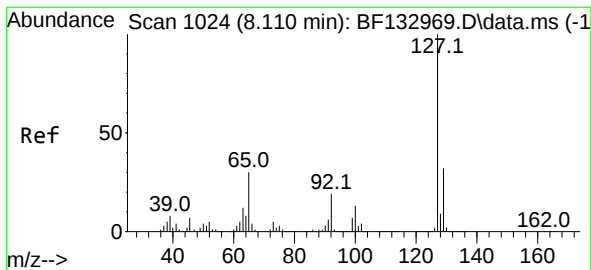
05/01/2023



#32
Benzoic acid
Concen: 50.053 ng
RT: 7.822 min Scan# 975
Delta R.T. 0.024 min
Lab File: BF133115.D
Acq: 28 Apr 2023 10:47

Tgt Ion:122 Resp: 392425
Ion Ratio Lower Upper
122 100
105 121.7 104.2 144.2
77 84.7 69.7 109.7





#33
4-Chloroaniline
Concen: 27.876 ng
RT: 8.092 min Scan# 1024
Delta R.T. -0.006 min
Lab File: BF133115.D
Acq: 28 Apr 2023 10:47

Instrument :
BNA_F
ClientSampleId :
PB152460BS

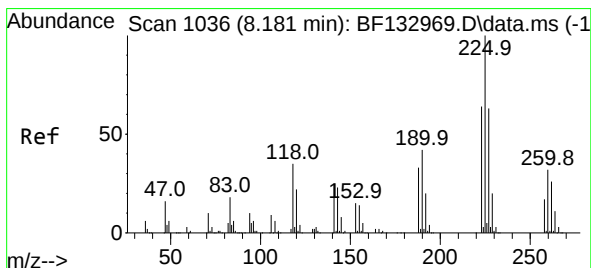
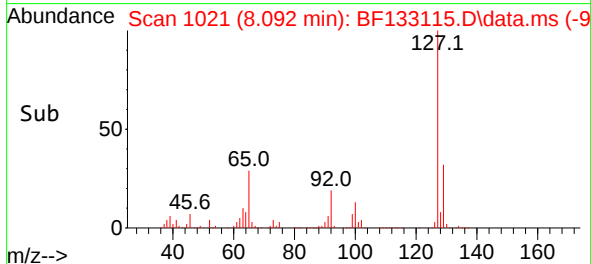
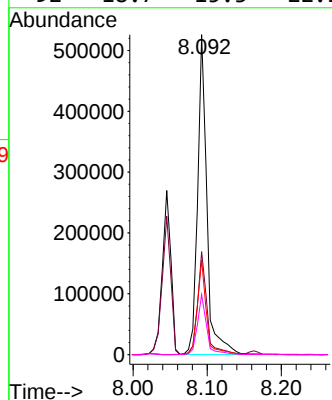
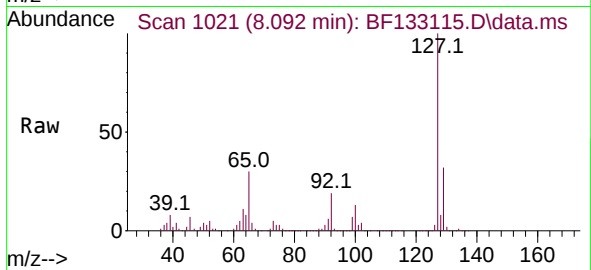
Tgt Ion:	127	Resp:	460332
Ion Ratio	Lower	Upper	
127	100		
129	32.2	25.8	38.8
65	29.6	23.6	35.4
92	18.7	15.3	22.9

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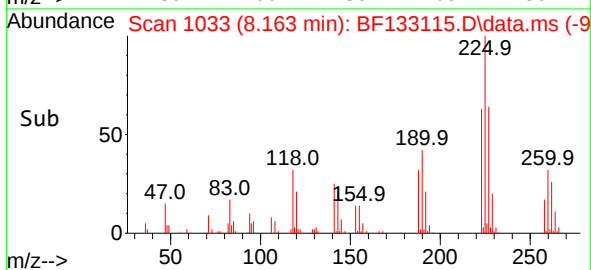
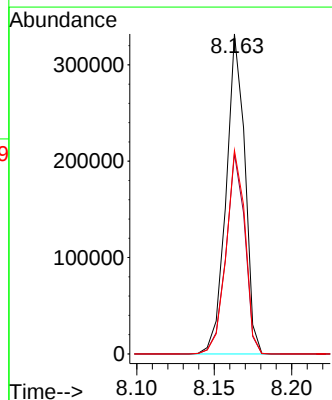
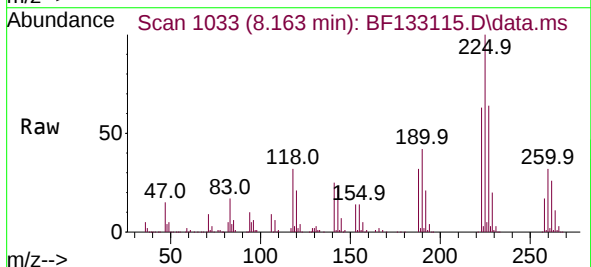
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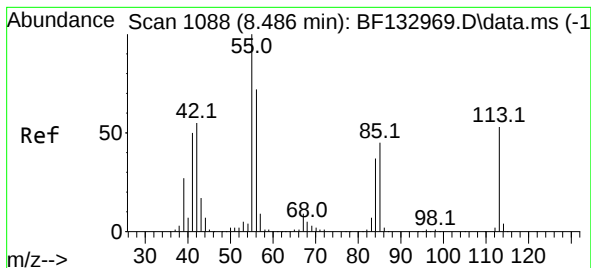
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#34
Hexachlorobutadiene
Concen: 42.029 ng
RT: 8.163 min Scan# 1033
Delta R.T. -0.006 min
Lab File: BF133115.D
Acq: 28 Apr 2023 10:47

Tgt Ion:	225	Resp:	278851
Ion Ratio	Lower	Upper	
225	100		
223	62.6	50.9	76.3
227	63.6	50.3	75.5





#35

Caprolactam

Concen: 46.291 ng m

RT: 8.475 min Scan# 1086

Delta R.T. 0.006 min

Lab File: BF133115.D

Acq: 28 Apr 2023 10:47

Instrument :

BNA_F

ClientSampleId :

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Tgt Ion:113 Resp: 179688

Ion Ratio Lower Upper

113 100

55 157.8 167.1 207.1

56 114.1 114.5 154.5

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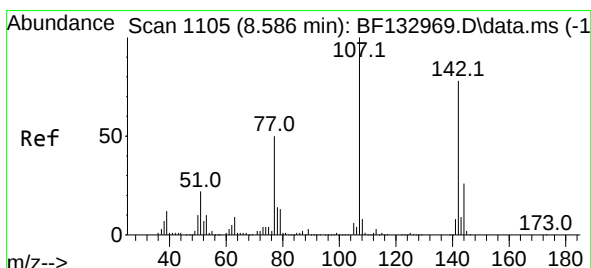
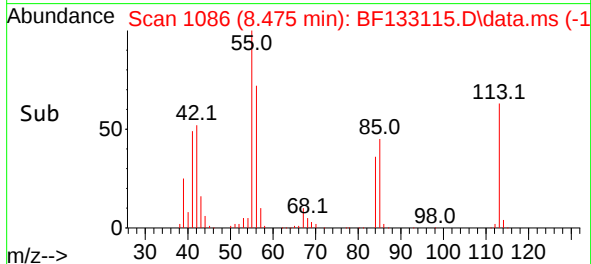
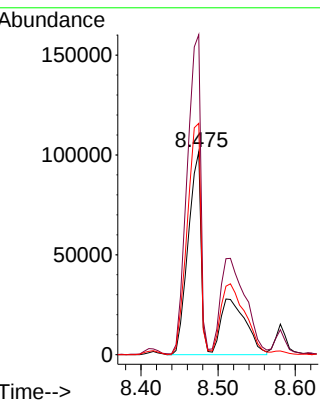
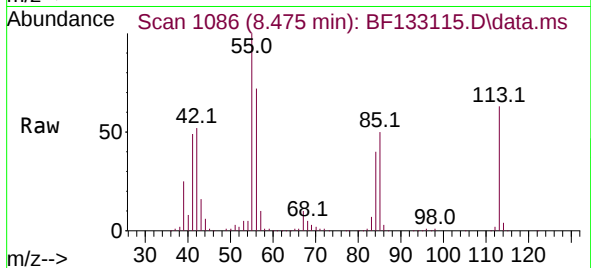
Reviewed By :Christian Giraldo 05/01/2023

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Supervised By :Jagrut Upadhyay

05/01/2023



#36

4-Chloro-3-methylphenol

Concen: 43.729 ng

RT: 8.581 min Scan# 1104

Delta R.T. -0.000 min

Lab File: BF133115.D

Acq: 28 Apr 2023 10:47

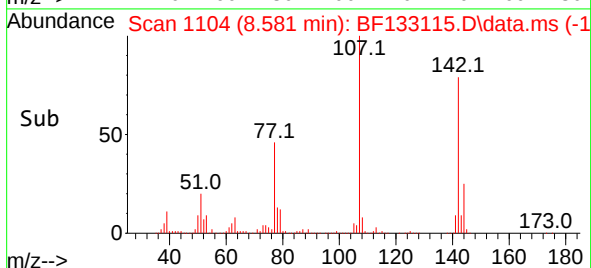
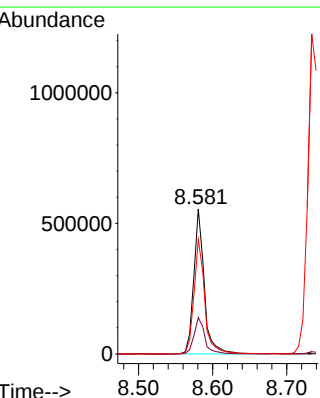
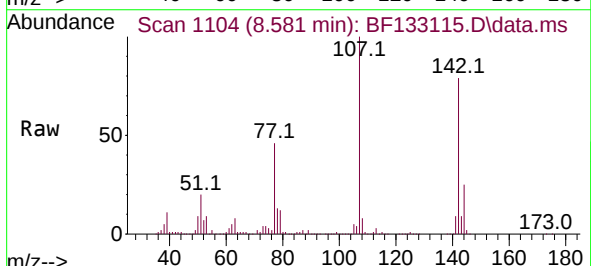
Tgt Ion:107 Resp: 544885

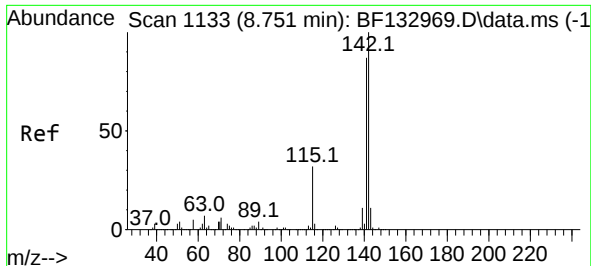
Ion Ratio Lower Upper

107 100

144 25.0 20.6 30.8

142 79.0 62.8 94.2





#37

2-Methylnaphthalene

Concen: 39.923 ng

RT: 8.734 min Scan# 1115

Delta R.T. -0.000 min

Lab File: BF133115.D

Acq: 28 Apr 2023 10:47

Instrument :

BNA_F

ClientSampleId :

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Tgt Ion:142 Resp: 111555

Ion Ratio Lower Upper

142 100

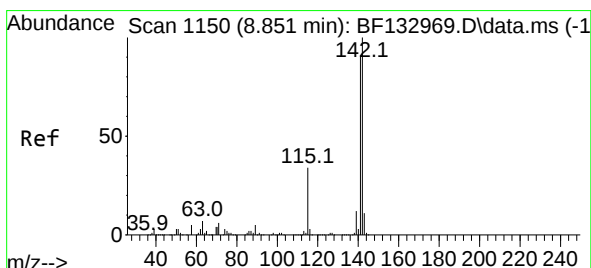
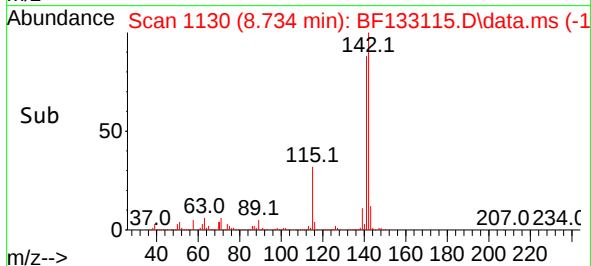
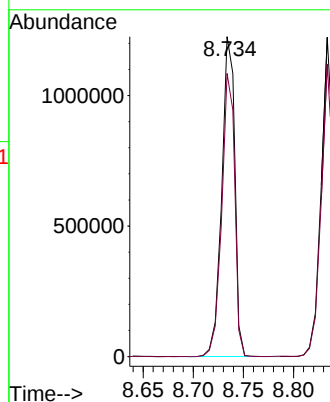
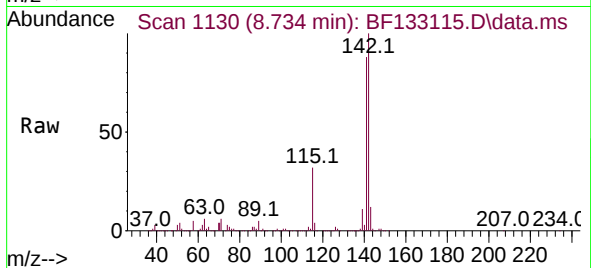
141 88.5 69.4 104.0

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#38

1-Methylnaphthalene

Concen: 39.868 ng

RT: 8.834 min Scan# 1147

Delta R.T. -0.000 min

Lab File: BF133115.D

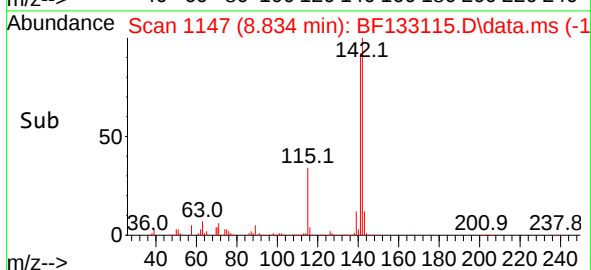
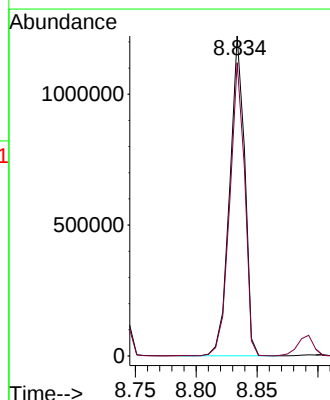
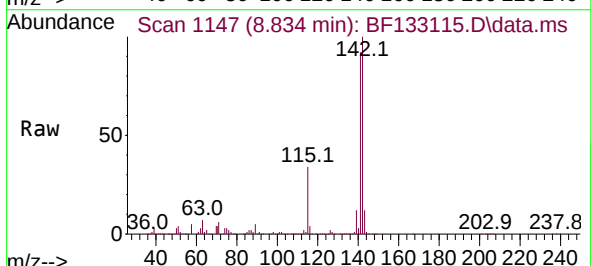
Acq: 28 Apr 2023 10:47

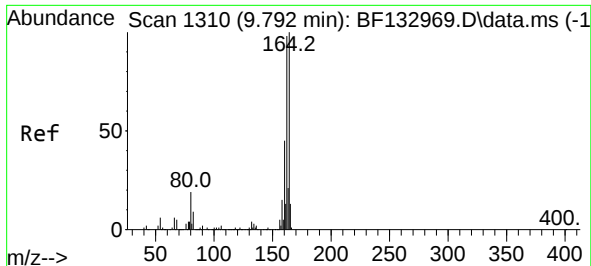
Tgt Ion:142 Resp: 1042145

Ion Ratio Lower Upper

142 100

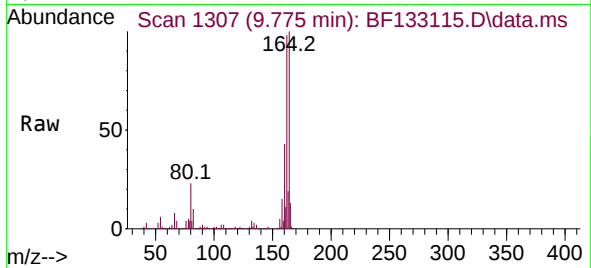
141 91.6 73.1 109.7





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.775 min Scan# 1310
Delta R.T. -0.000 min
Lab File: BF133115.D
Acq: 28 Apr 2023 10:47

Instrument :
BNA_F
ClientSampleId :
PB152460BS



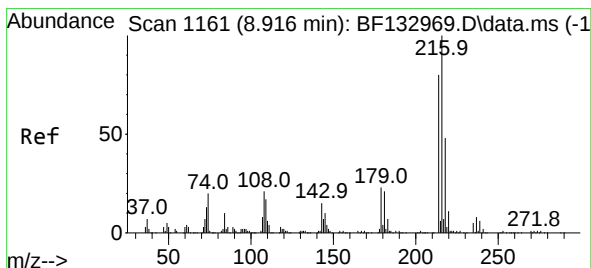
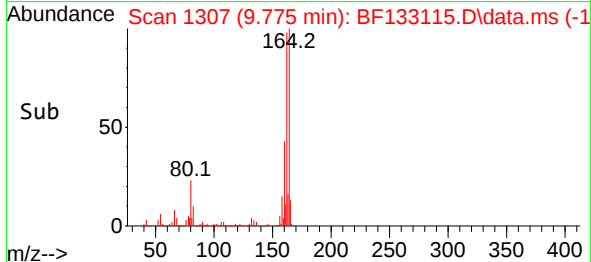
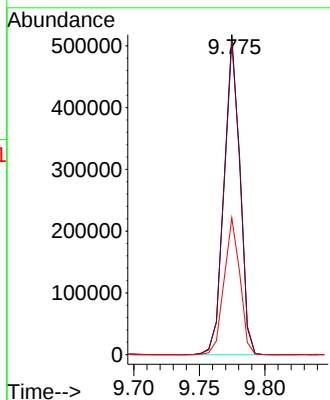
Tgt Ion:164 Resp: 432093
Ion Ratio Lower Upper
164 100
162 97.8 78.7 118.1
160 42.7 35.8 53.6

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Supervised By :Jagrut Upadhyay 05/01/2023

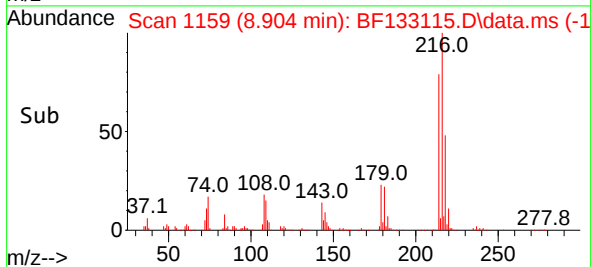
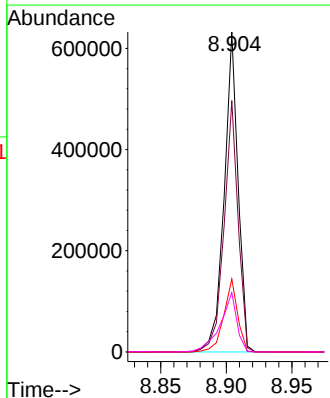
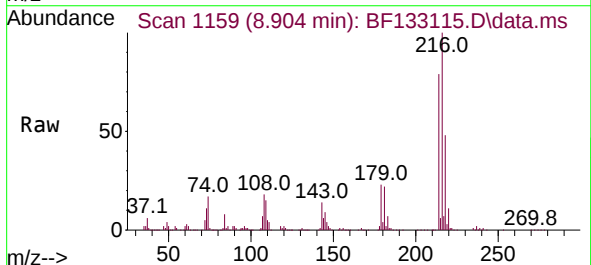
05/01/2023
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Upadhyay

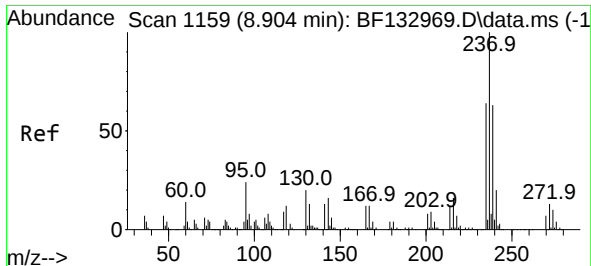
05/01/2023



#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.208 ng
RT: 8.904 min Scan# 1159
Delta R.T. -0.000 min
Lab File: BF133115.D
Acq: 28 Apr 2023 10:47

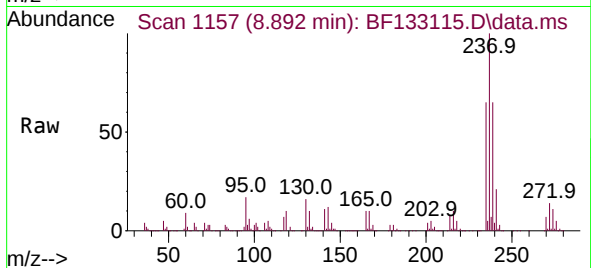
Tgt Ion:216 Resp: 467123
Ion Ratio Lower Upper
216 100
214 79.1 63.5 95.3
179 22.6 17.4 26.2
108 22.0 17.4 26.0





#41
Hexachlorocyclopentadiene
Concen: 90.295 ng
RT: 8.892 min Scan# 1157
Delta R.T. -0.000 min
Lab File: BF133115.D
Acq: 28 Apr 2023 10:47

Instrument :
BNA_F
ClientSampleId :
PB152460BS



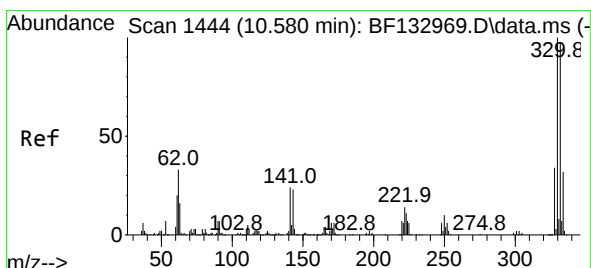
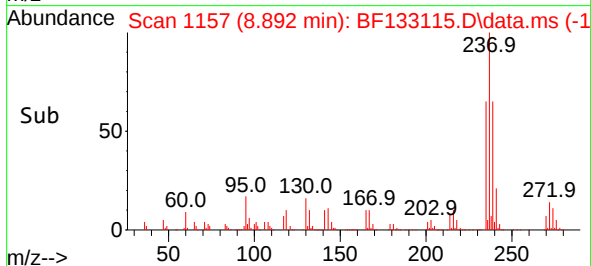
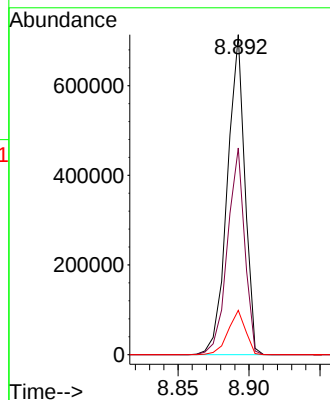
Tgt Ion: 237 Resp: 611793
Ion Ratio Lower Upper
237 100
235 64.6 43.5 83.5
272 13.8 0.0 32.7

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Reviewed By : Christian Giraldo 05/01/2023
Supervised By : Jagrut Upadhyay 05/01/2023

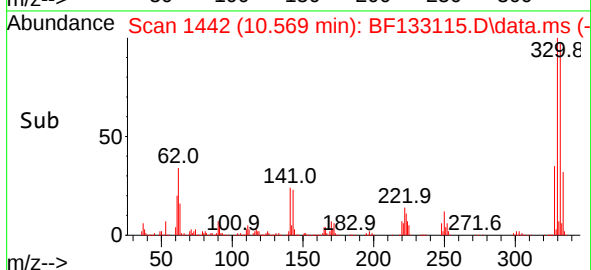
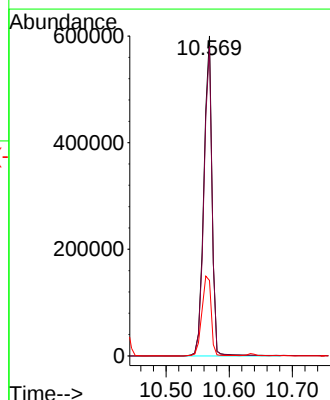
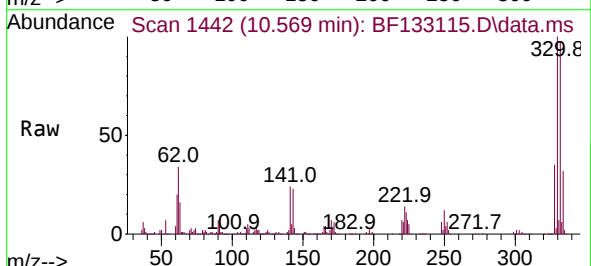
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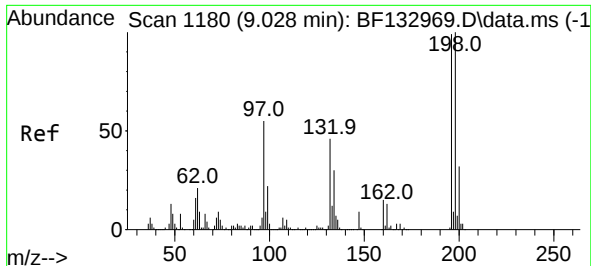
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#42
2,4,6-Tribromophenol
Concen: 122.682 ng
RT: 10.569 min Scan# 1442
Delta R.T. 0.006 min
Lab File: BF133115.D
Acq: 28 Apr 2023 10:47

Tgt Ion: 330 Resp: 533119
Ion Ratio Lower Upper
330 100
332 96.9 77.1 115.7
141 28.8 25.8 38.8





#43
2,4,6-Trichlorophenol
Concen: 41.455 ng
RT: 9.016 min Scan# 1178
Delta R.T. -0.000 min
Lab File: BF133115.D
Acq: 28 Apr 2023 10:47

Instrument :
BNA_F
ClientSampleId :
PB152460BS

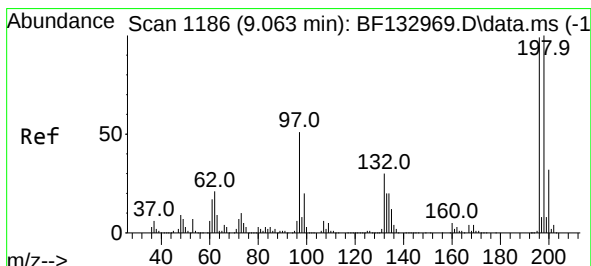
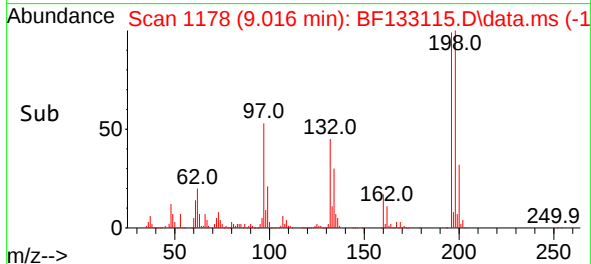
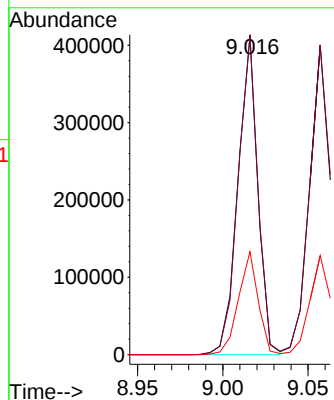
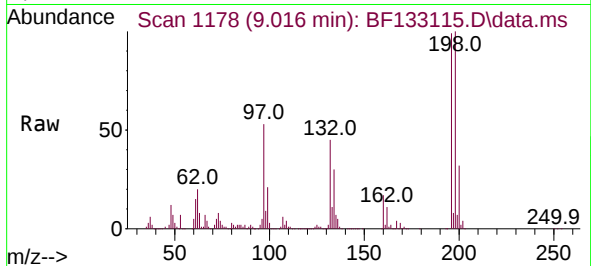
Tgt Ion:196 Resp: 333068
Ion Ratio Lower Upper
196 100
198 100.6 81.0 121.6
200 32.4 26.1 39.1

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Supervised By :Jagrut Upadhyay 05/01/2023

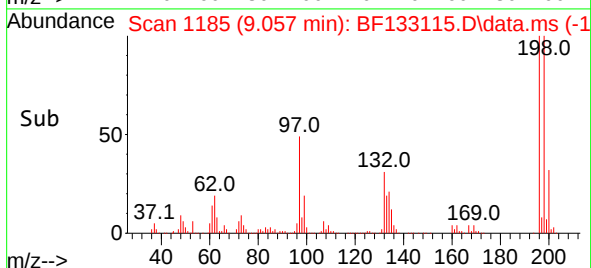
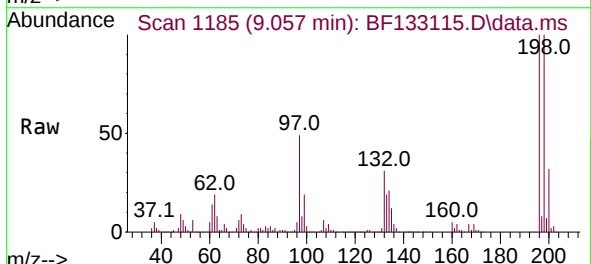
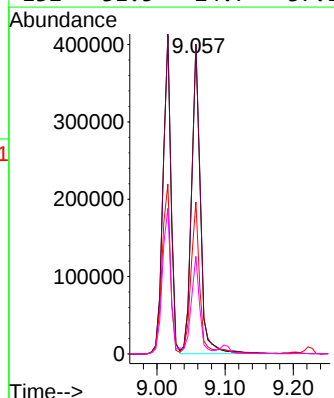
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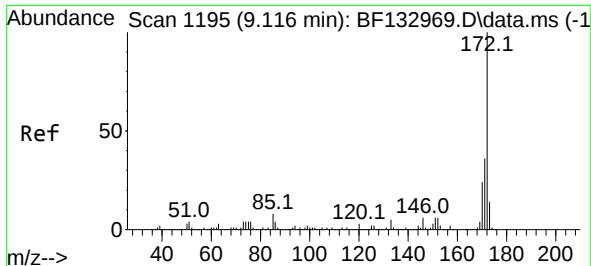
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#44
2,4,5-Trichlorophenol
Concen: 39.120 ng
RT: 9.057 min Scan# 1185
Delta R.T. -0.000 min
Lab File: BF133115.D
Acq: 28 Apr 2023 10:47

Tgt Ion:196 Resp: 363505
Ion Ratio Lower Upper
196 100
198 100.1 80.9 121.3
97 49.1 41.3 61.9
132 31.5 24.7 37.1





#45
2-Fluorobiphenyl
Concen: 81.625 ng
RT: 9.104 min Scan# 1195
Delta R.T. 0.006 min
Lab File: BF133115.D
Acq: 28 Apr 2023 10:47

Instrument :

BNA_F

ClientSampleId :

PB152460BS

Tgt Ion:172 Resp: 2108172
Ion Ratio Lower Upper
172 100
171 36.7 28.8 43.2
170 24.0 19.4 29.2

Manual Integrations

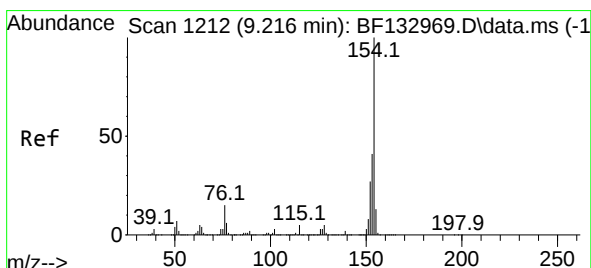
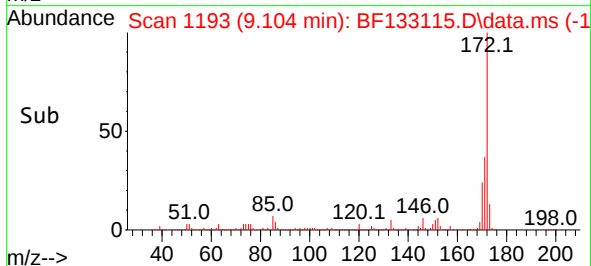
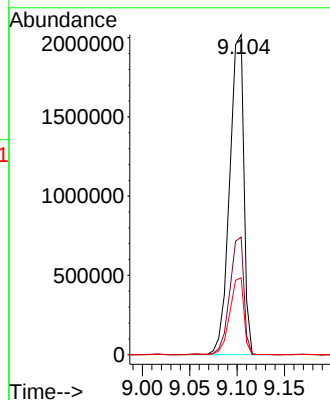
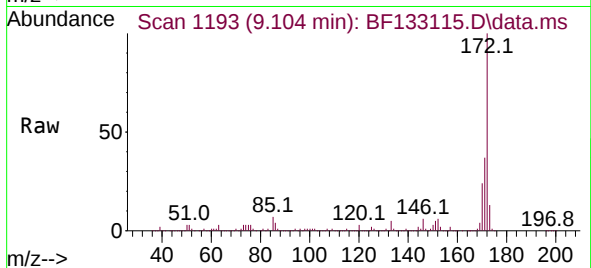
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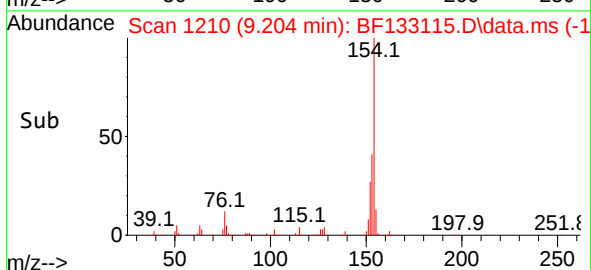
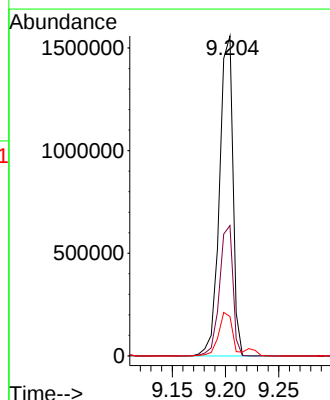
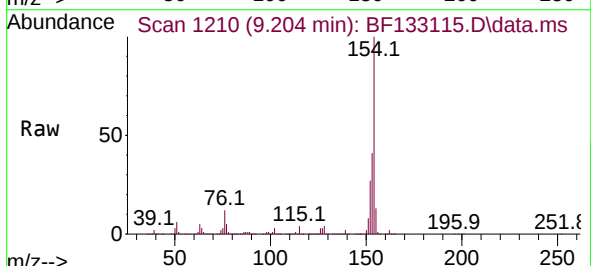
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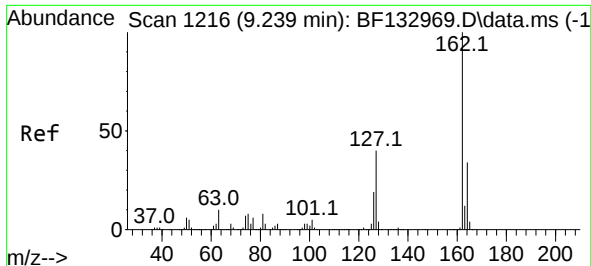
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#46
1,1'-Biphenyl
Concen: 40.058 ng
RT: 9.204 min Scan# 1210
Delta R.T. 0.006 min
Lab File: BF133115.D
Acq: 28 Apr 2023 10:47

Tgt Ion:154 Resp: 1372498
Ion Ratio Lower Upper
154 100
153 40.7 21.0 61.0
76 12.3 0.0 34.5





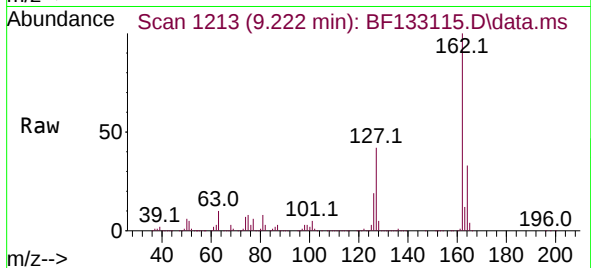
#47
2-Chloronaphthalene
Concen: 41.063 ng
RT: 9.222 min Scan# 1216
Delta R.T. -0.000 min
Lab File: BF133115.D
Acq: 28 Apr 2023 10:47

Instrument :

BNA_F

ClientSampleId :

PB152460BS



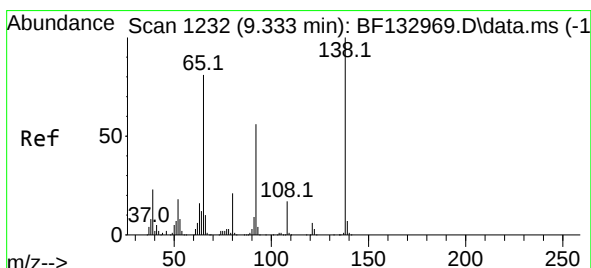
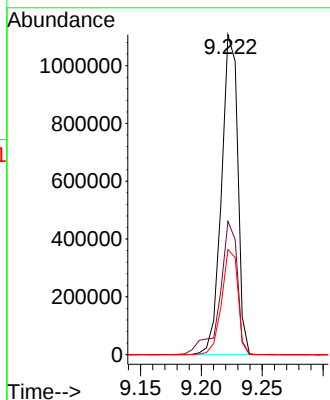
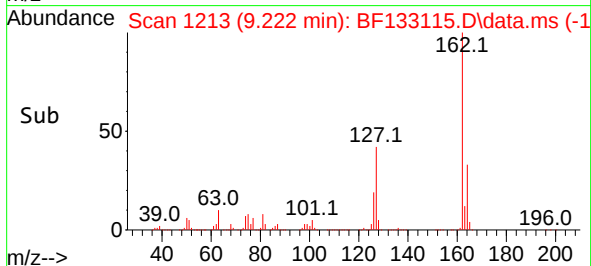
Tgt Ion:162 Resp: 1029788
Ion Ratio Lower Upper
162 100
127 41.6 32.3 48.5
164 32.8 26.8 40.2

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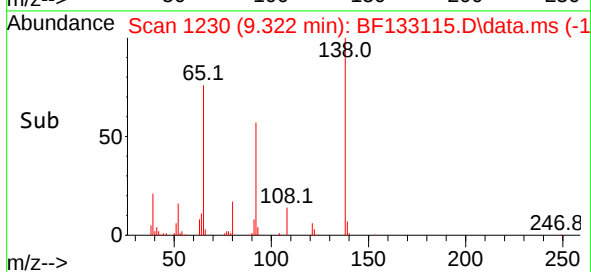
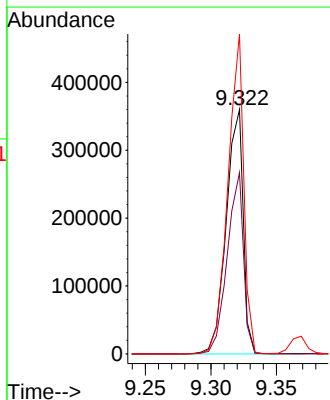
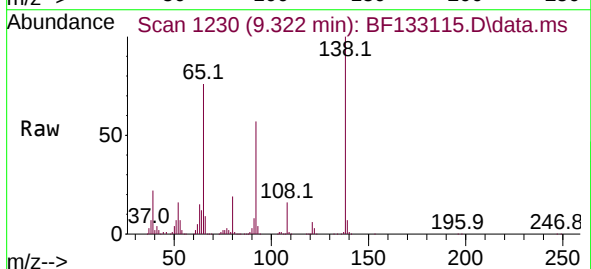
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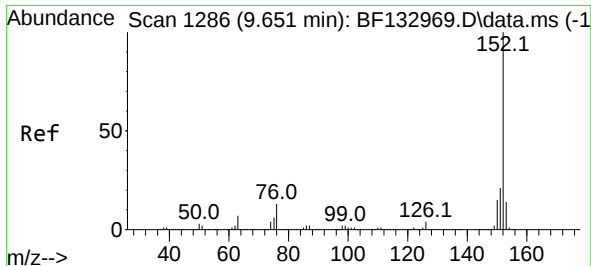
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#48
2-Nitroaniline
Concen: 39.233 ng
RT: 9.322 min Scan# 1230
Delta R.T. 0.006 min
Lab File: BF133115.D
Acq: 28 Apr 2023 10:47

Tgt Ion: 65 Resp: 325176
Ion Ratio Lower Upper
65 100
92 74.2 55.4 83.0
138 131.0 98.2 147.2





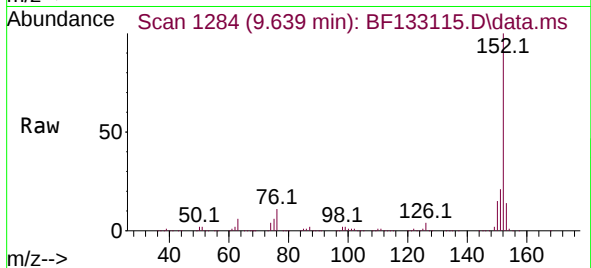
#49
Acenaphthylene
Concen: 39.283 ng
RT: 9.639 min Scan# 1284
Delta R.T. -0.000 min
Lab File: BF133115.D
Acq: 28 Apr 2023 10:47

Instrument :

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ClientSampleId :

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Tgt Ion:152 Resp: 1574136
Ion Ratio Lower Upper
152 100
151 20.8 16.6 24.8
153 14.1 11.5 17.3

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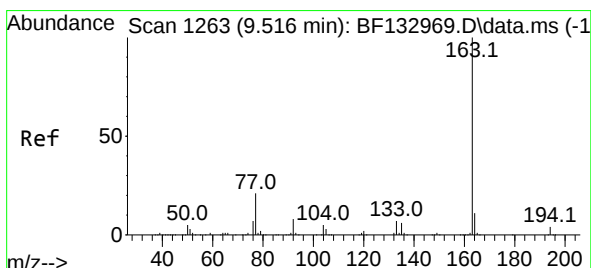
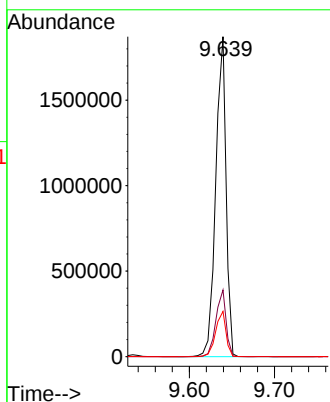
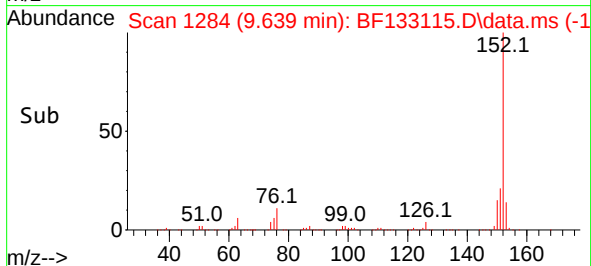
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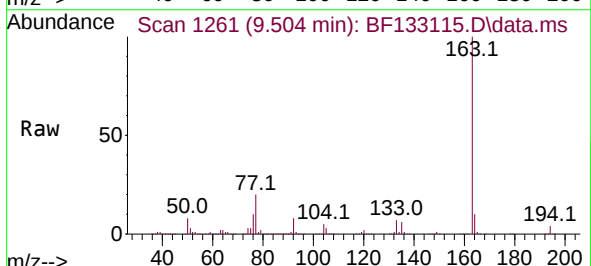
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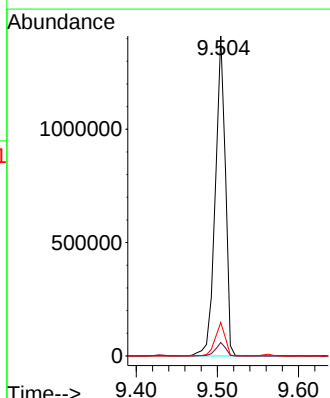
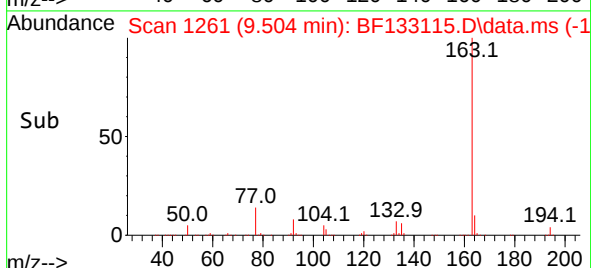
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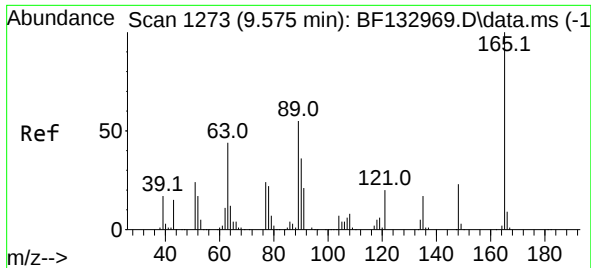


#50
Dimethylphthalate
Concen: 40.207 ng
RT: 9.504 min Scan# 1261
Delta R.T. -0.000 min
Lab File: BF133115.D
Acq: 28 Apr 2023 10:47



Tgt Ion:163 Resp: 1211396
Ion Ratio Lower Upper
163 100
194 4.2 3.1 4.7
164 10.4 8.5 12.7





#51
2,6-Dinitrotoluene
Concen: 41.248 ng
RT: 9.563 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF133115.D
Acq: 28 Apr 2023 10:47

Instrument :

BNA_F

ClientSampleId :

PB152460BS

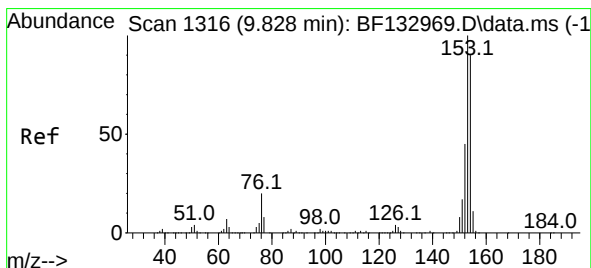
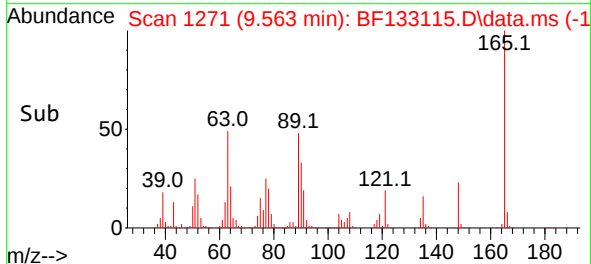
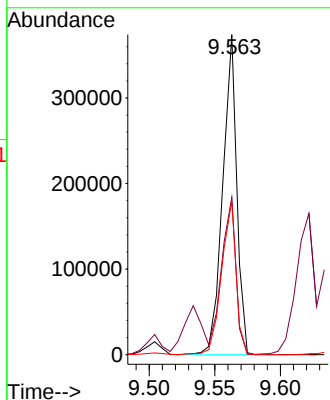
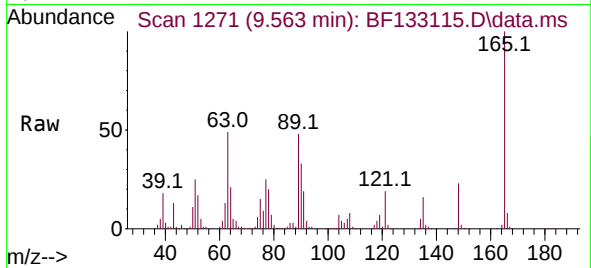
Tgt Ion:165 Resp: 279711
Ion Ratio Lower Upper
165 100
63 49.1 45.9 68.9
89 48.0 44.0 66.0

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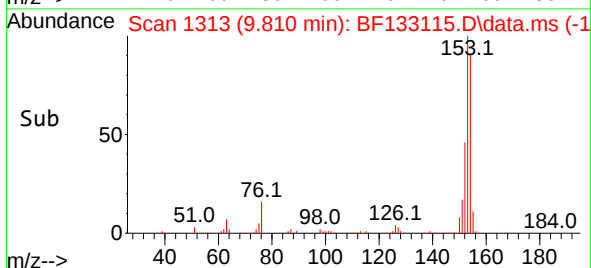
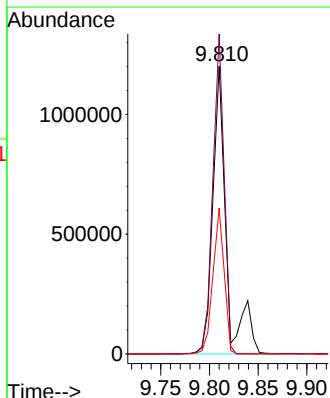
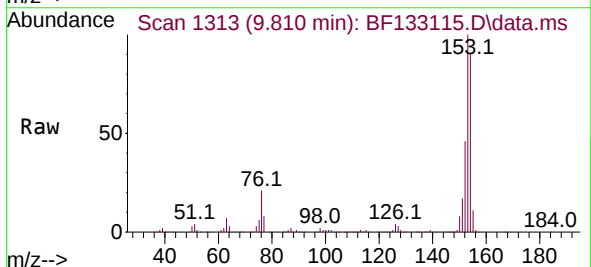
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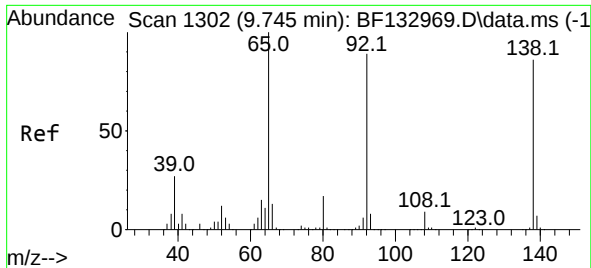
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#52
Acenaphthene
Concen: 43.706 ng m
RT: 9.810 min Scan# 1313
Delta R.T. -0.000 min
Lab File: BF133115.D
Acq: 28 Apr 2023 10:47

Tgt Ion:154 Resp: 1172977
Ion Ratio Lower Upper
154 100
153 111.3 89.0 133.6
152 50.7 40.4 60.6





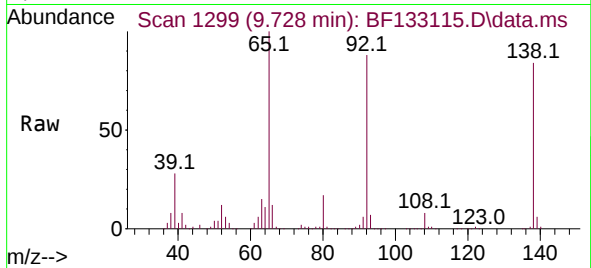
#53
3-Nitroaniline
Concen: 32.734 ng
RT: 9.728 min Scan# 1299
Delta R.T. -0.006 min
Lab File: BF133115.D
Acq: 28 Apr 2023 10:47

Instrument :

BNA_F

ClientSampleId :

PB152460BS



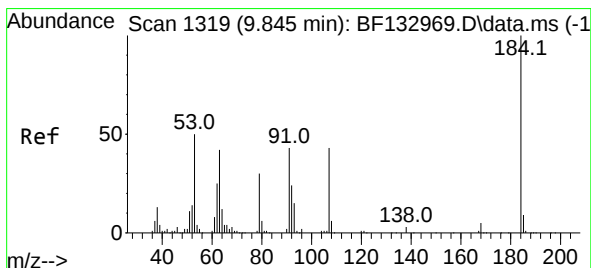
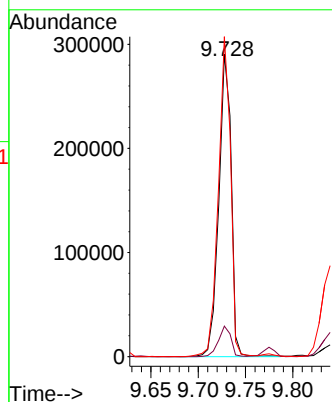
Tgt Ion:138 Resp: 263939
Ion Ratio Lower Upper
138 100
108 10.1 8.0 12.0
92 105.8 83.6 125.4

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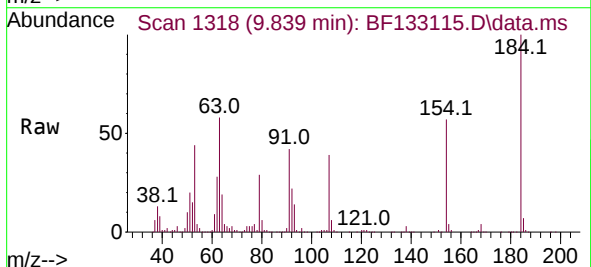
Reviewed By :Christian Giraldo 05/01/2023
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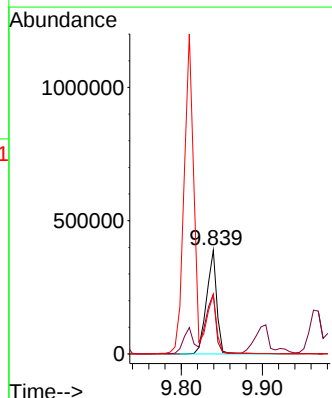
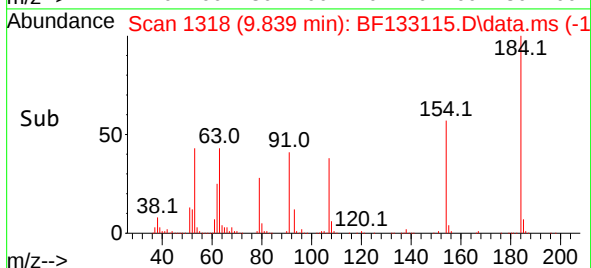
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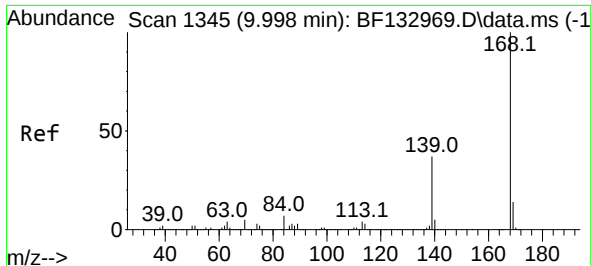


#54
2,4-Dinitrophenol
Concen: 100.665 ng
RT: 9.839 min Scan# 1318
Delta R.T. 0.006 min
Lab File: BF133115.D
Acq: 28 Apr 2023 10:47



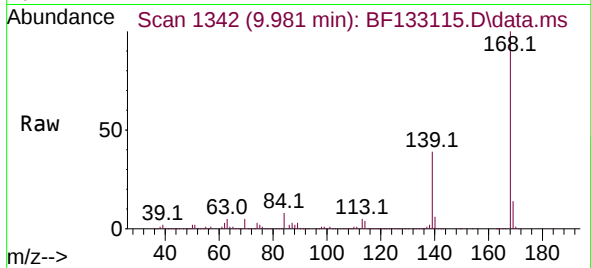
Tgt Ion:184 Resp: 343126
Ion Ratio Lower Upper
184 100
63 57.6 49.8 74.8
154 57.1 49.5 74.3





#55
Dibenzofuran
Concen: 39.636 ng
RT: 9.981 min Scan# 1345
Delta R.T. -0.000 min
Lab File: BF133115.D
Acq: 28 Apr 2023 10:47

Instrument :
BNA_F
ClientSampleId :
PB152460BS



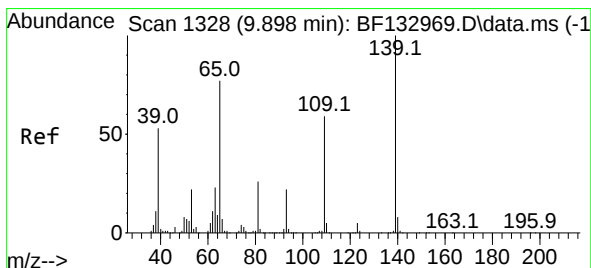
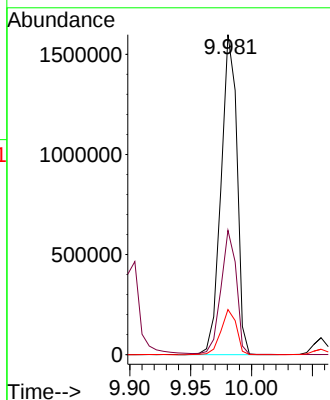
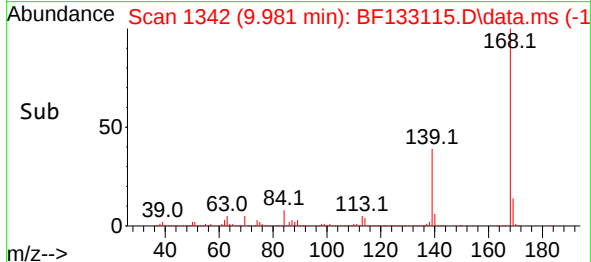
Tgt Ion:168 Resp: 1451045
Ion Ratio Lower Upper
168 100
139 38.8 29.8 44.8
169 14.1 10.8 16.2

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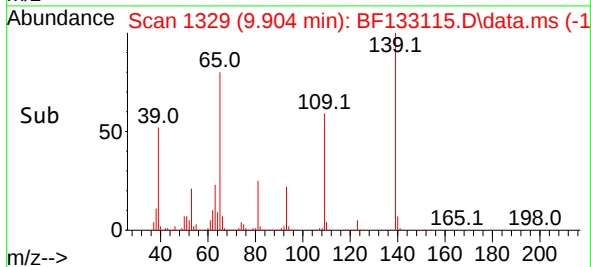
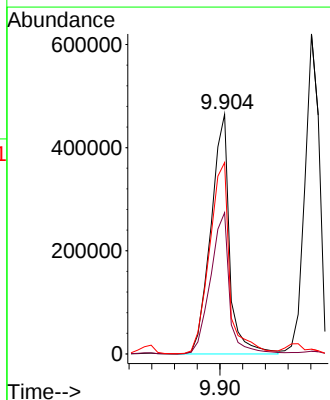
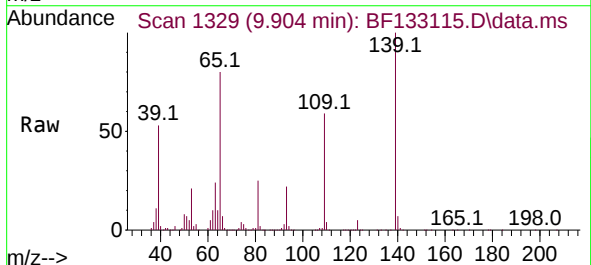
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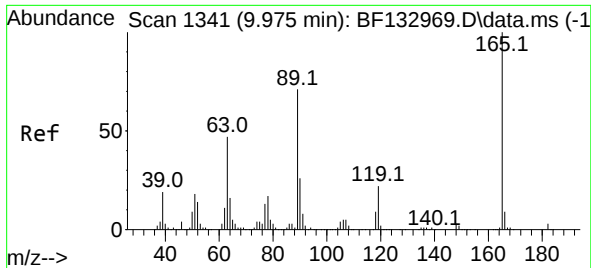
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#56
4-Nitrophenol
Concen: 85.195 ng
RT: 9.904 min Scan# 1329
Delta R.T. 0.012 min
Lab File: BF133115.D
Acq: 28 Apr 2023 10:47

Tgt Ion:139 Resp: 532043
Ion Ratio Lower Upper
139 100
109 59.0 39.4 79.4
65 79.9 57.5 97.5





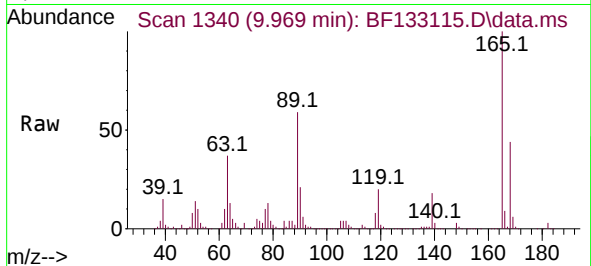
#57
2,4-Dinitrotoluene
Concen: 43.767 ng
RT: 9.969 min Scan# 1341
Delta R.T. 0.006 min
Lab File: BF133115.D
Acq: 28 Apr 2023 10:47

Instrument :

BNA_F

ClientSampleId :

PB152460BS



Tgt Ion:165 Resp: 378501
Ion Ratio Lower Upper
165 100
63 37.0 37.7 56.5
89 59.1 57.0 85.4
182 3.1 2.1 3.1

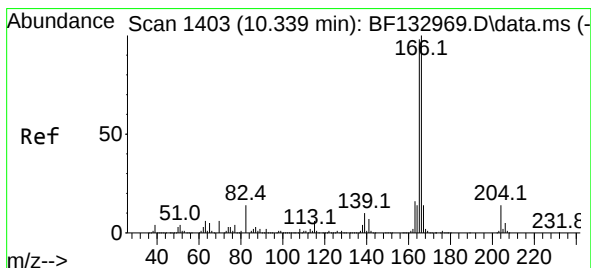
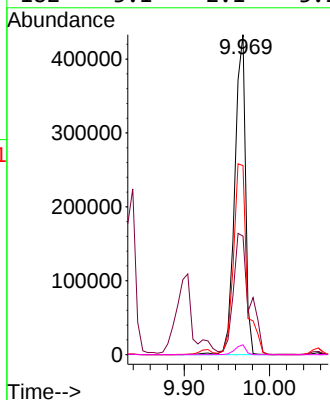
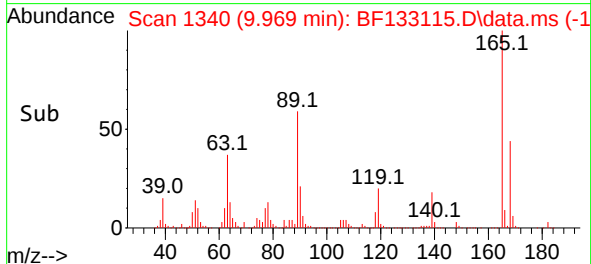
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Supervised By :Jagrut Upadhyay 05/01/2023

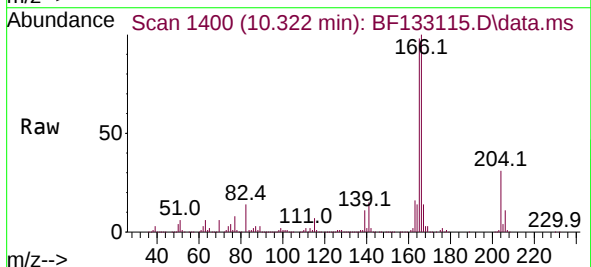
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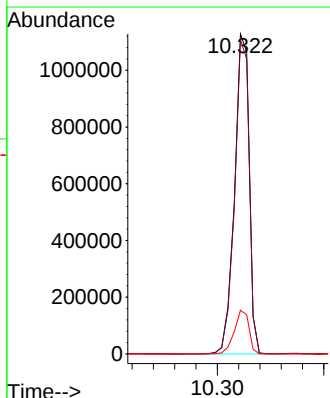
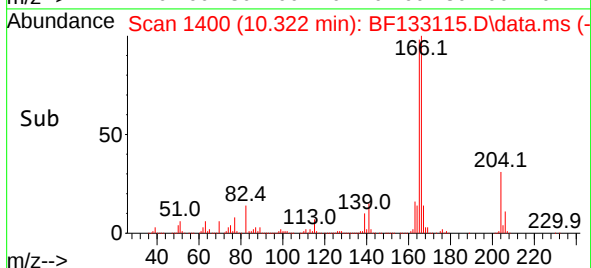
05/01/2023

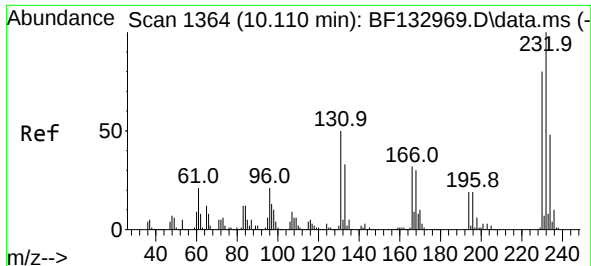


#58
Fluorene
Concen: 40.159 ng
RT: 10.322 min Scan# 1400
Delta R.T. -0.006 min
Lab File: BF133115.D
Acq: 28 Apr 2023 10:47



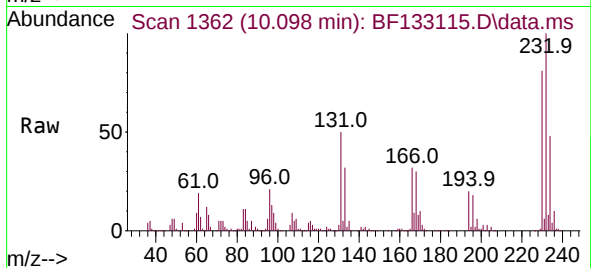
Tgt Ion:166 Resp: 1077111
Ion Ratio Lower Upper
166 100
165 98.2 78.6 117.8
167 13.6 11.0 16.4





#59
2,3,4,6-Tetrachlorophenol
Concen: 42.324 ng
RT: 10.098 min Scan# 1362
Delta R.T. -0.000 min
Lab File: BF133115.D
Acq: 28 Apr 2023 10:47

Instrument :
BNA_F
ClientSampleId :
PB152460BS



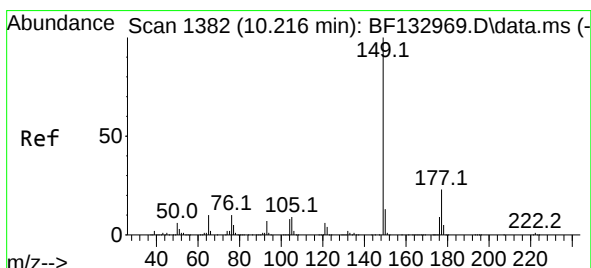
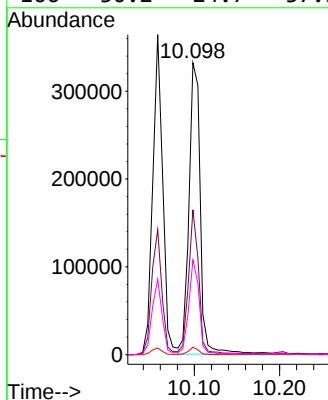
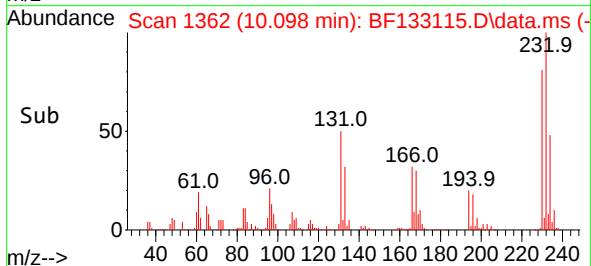
Tgt Ion:232 Resp: 304891
Ion Ratio Lower Upper
232 100
131 45.1 38.0 57.0
130 2.2 1.8 2.8
166 30.2 24.7 37.1

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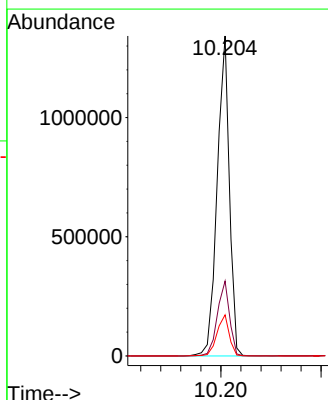
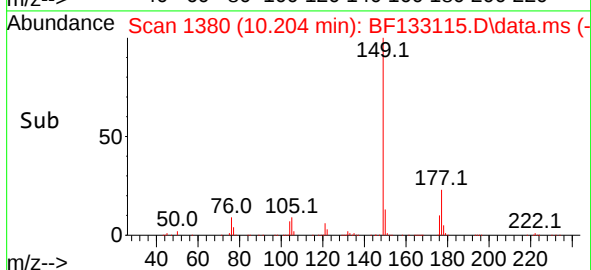
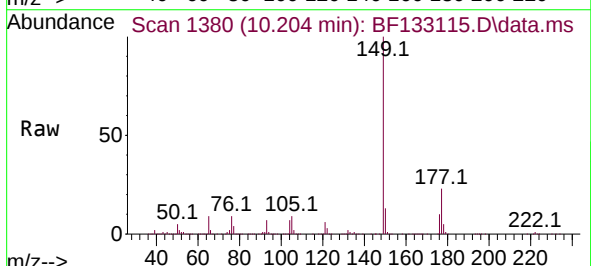
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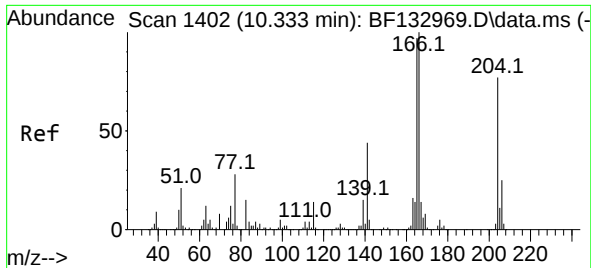
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#60
Diethylphthalate
Concen: 39.707 ng
RT: 10.204 min Scan# 1380
Delta R.T. -0.000 min
Lab File: BF133115.D
Acq: 28 Apr 2023 10:47

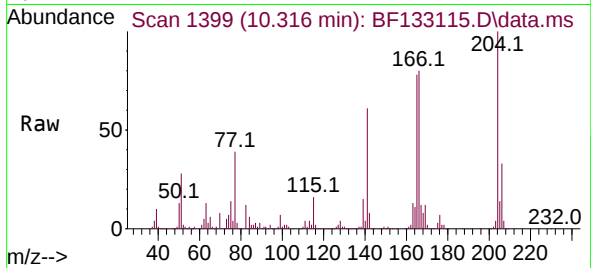
Tgt Ion:149 Resp: 1130007
Ion Ratio Lower Upper
149 100
177 23.4 18.2 27.4
150 12.8 10.2 15.4





#61
4-Chlorophenyl-phenylether
Concen: 39.395 ng
RT: 10.316 min Scan# 1399
Delta R.T. -0.000 min
Lab File: BF133115.D
Acq: 28 Apr 2023 10:47

Instrument :
BNA_F
ClientSampleId :
PB152460BS



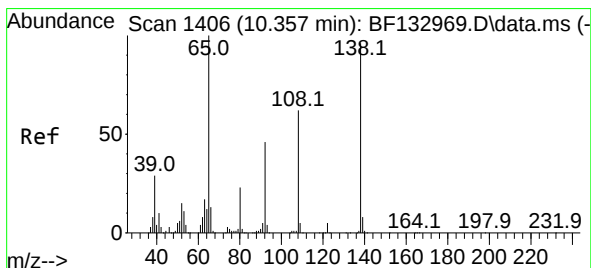
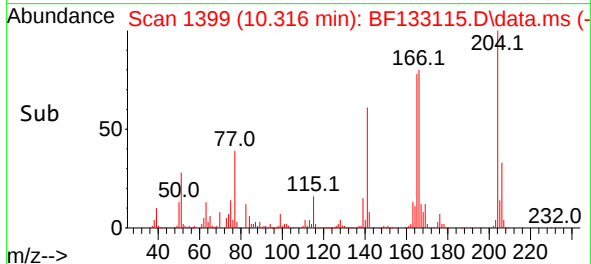
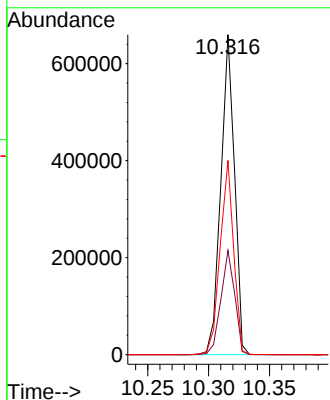
Tgt Ion:204 Resp: 514919
Ion Ratio Lower Upper
204 100
206 32.5 26.1 39.1
141 60.7 46.1 69.1

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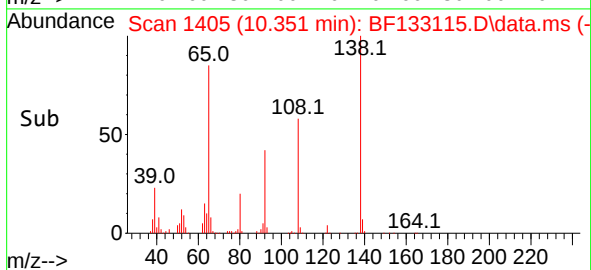
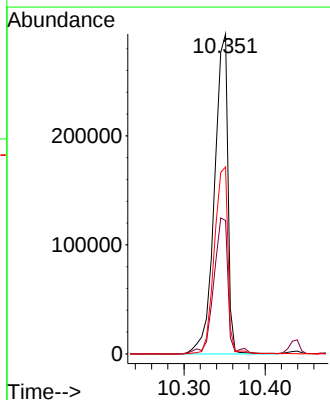
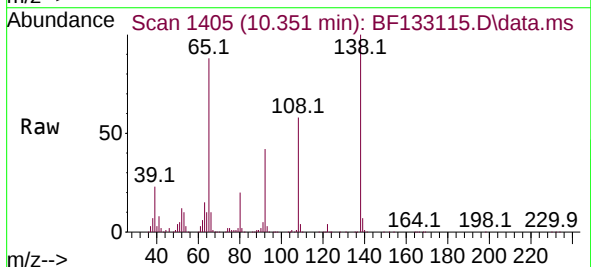
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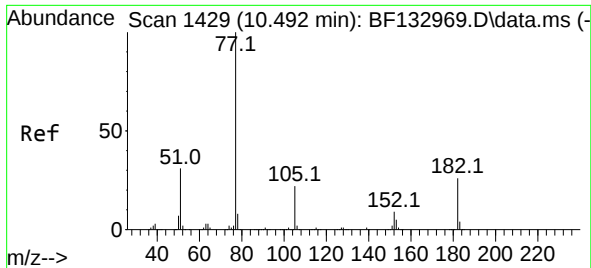
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#62
4-Nitroaniline
Concen: 45.490 ng
RT: 10.351 min Scan# 1405
Delta R.T. 0.006 min
Lab File: BF133115.D
Acq: 28 Apr 2023 10:47

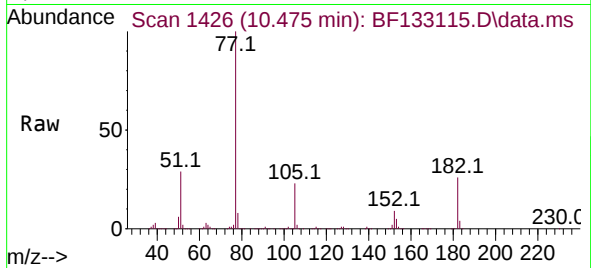
Tgt Ion:138 Resp: 337113
Ion Ratio Lower Upper
138 100
92 41.7 27.7 67.7
108 58.4 45.2 85.2





#63
Azobenzene
Concen: 37.317 ng
RT: 10.475 min Scan# 1429
Delta R.T. -0.000 min
Lab File: BF133115.D
Acq: 28 Apr 2023 10:47

Instrument :
BNA_F
ClientSampleId :
PB152460BS



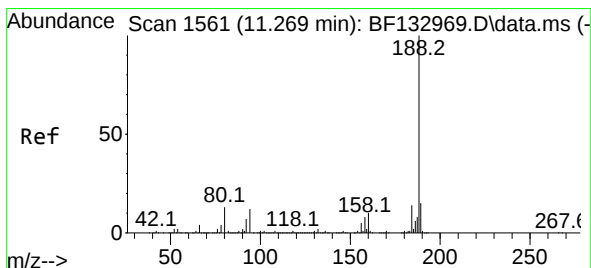
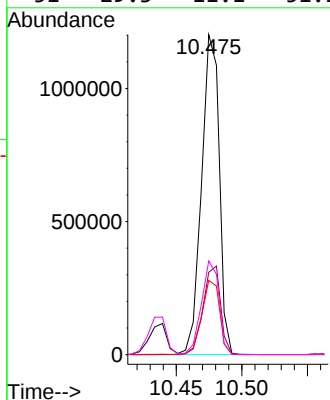
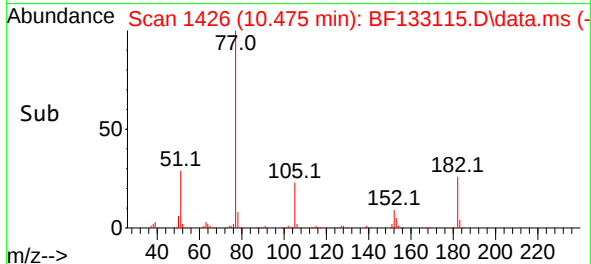
Tgt Ion: 77 Resp: 1125003
Ion Ratio Lower Upper
77 100
182 25.7 5.9 45.9
105 23.2 2.3 42.3
51 29.3 11.1 51.1

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Supervised By :Jagrut Upadhyay 05/01/2023

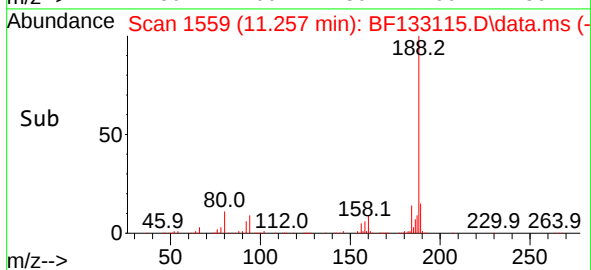
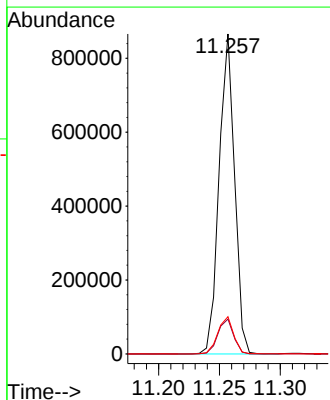
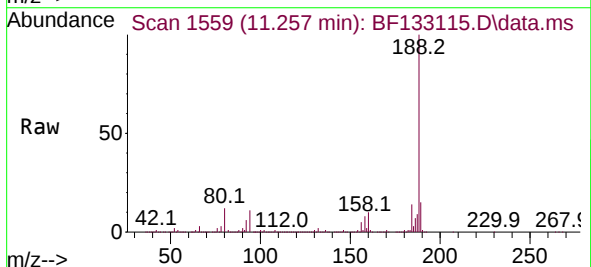
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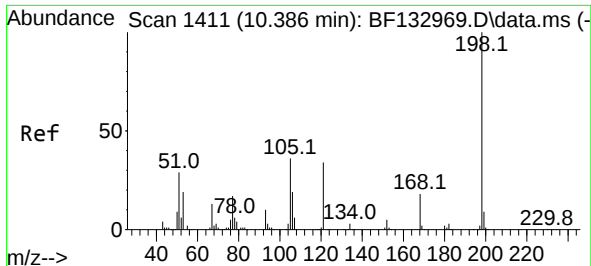
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.257 min Scan# 1559
Delta R.T. -0.000 min
Lab File: BF133115.D
Acq: 28 Apr 2023 10:47

Tgt Ion:188 Resp: 762637
Ion Ratio Lower Upper
188 100
94 10.9 9.7 14.5
80 11.6 10.4 15.6





#65
4,6-Dinitro-2-methylphenol
Concen: 48.114 ng
RT: 10.375 min Scan# 1411
Delta R.T. -0.000 min
Lab File: BF133115.D
Acq: 28 Apr 2023 10:47

Instrument :
BNA_F
ClientSampleId :
PB152460BS

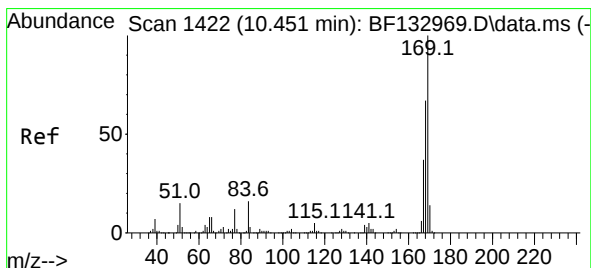
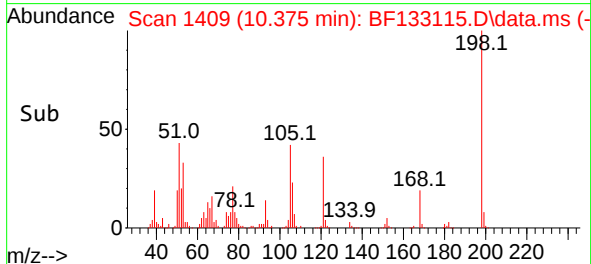
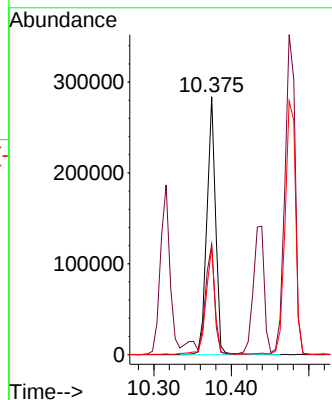
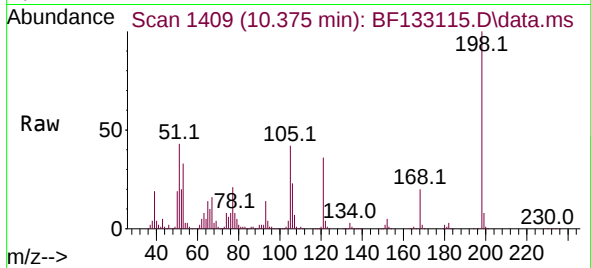
Tgt Ion:198 Resp: 222408
Ion Ratio Lower Upper
198 100
51 42.8 15.5 55.5
105 41.8 16.7 56.7

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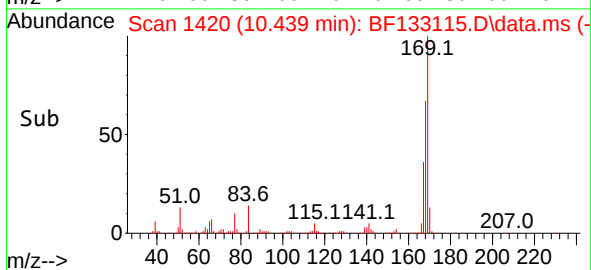
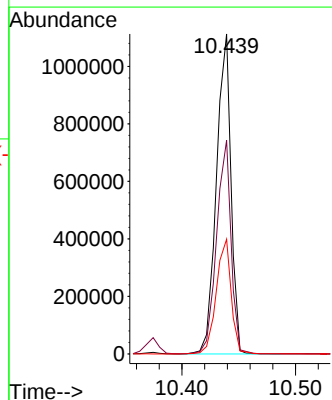
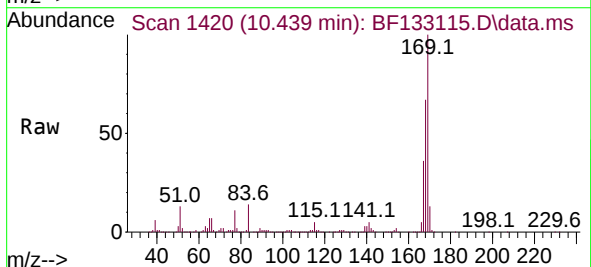
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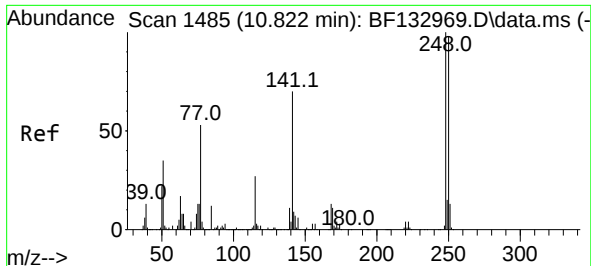
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#66
n-Nitrosodiphenylamine
Concen: 39.963 ng
RT: 10.439 min Scan# 1420
Delta R.T. -0.000 min
Lab File: BF133115.D
Acq: 28 Apr 2023 10:47

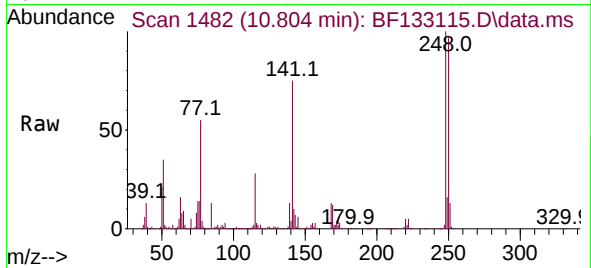
Tgt Ion:169 Resp: 988610
Ion Ratio Lower Upper
169 100
168 66.8 53.8 80.8
167 35.8 29.7 44.5





#67
4-Bromophenyl-phenylether
Concen: 40.565 ng
RT: 10.804 min Scan# 1485
Delta R.T. -0.000 min
Lab File: BF133115.D
Acq: 28 Apr 2023 10:47

Instrument :
BNA_F
ClientSampleId :
PB152460BS



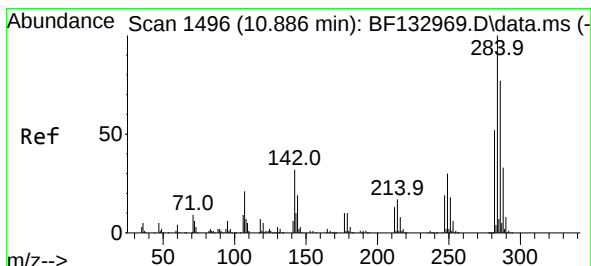
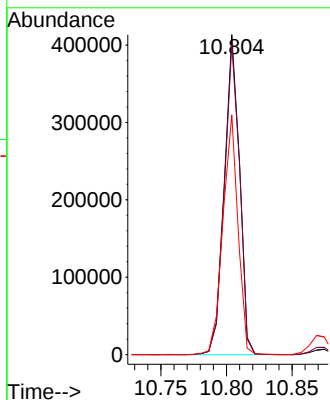
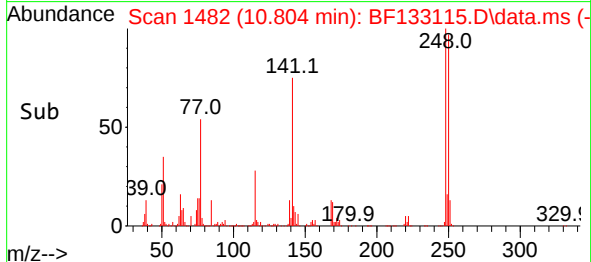
Tgt Ion:248 Resp: 335523
Ion Ratio Lower Upper
248 100
250 96.9 78.7 118.1
141 74.9 56.3 84.5

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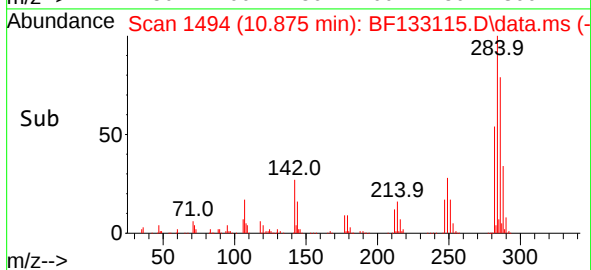
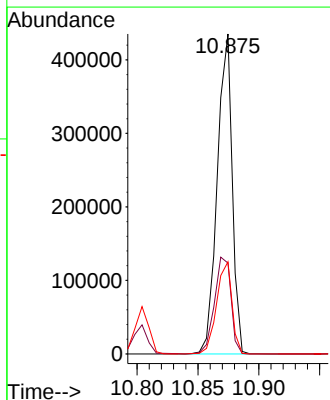
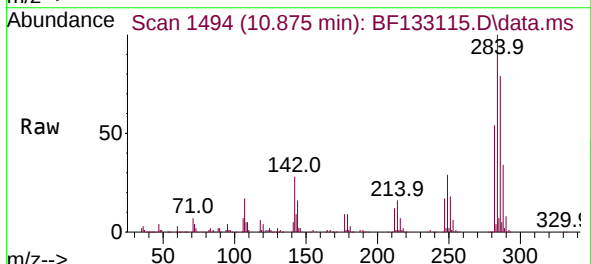
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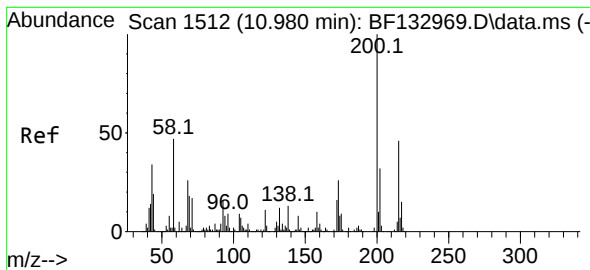
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#68
Hexachlorobenzene
Concen: 43.945 ng
RT: 10.875 min Scan# 1494
Delta R.T. -0.000 min
Lab File: BF133115.D
Acq: 28 Apr 2023 10:47

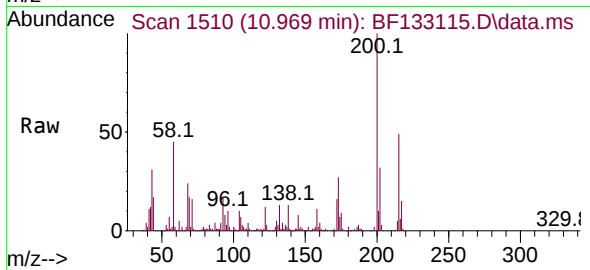
Tgt Ion:284 Resp: 372456
Ion Ratio Lower Upper
284 100
142 28.4 26.0 39.0
249 28.8 23.7 35.5





#69
Atrazine
Concen: 45.930 ng
RT: 10.969 min Scan# 1510
Delta R.T. 0.006 min
Lab File: BF133115.D
Acq: 28 Apr 2023 10:47

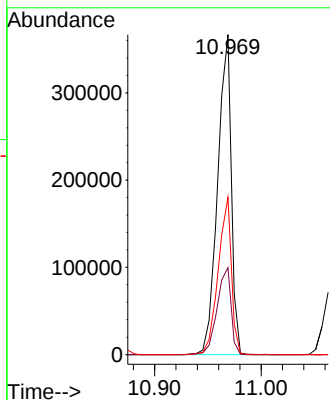
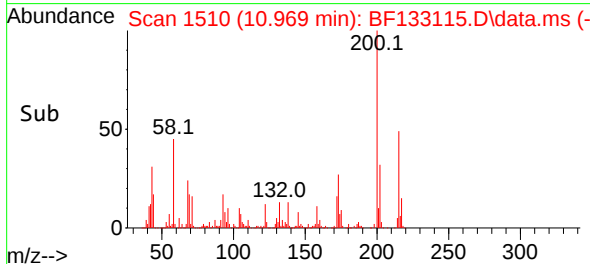
Instrument :
BNA_F
ClientSampleId :
PB152460BS



Tgt Ion:200 Resp: 327396
Ion Ratio Lower Upper
200 100
173 27.2 6.2 46.2
215 49.1 26.3 66.3

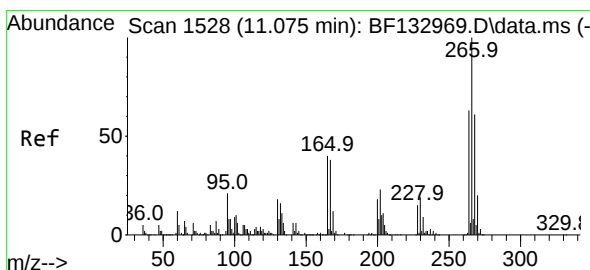
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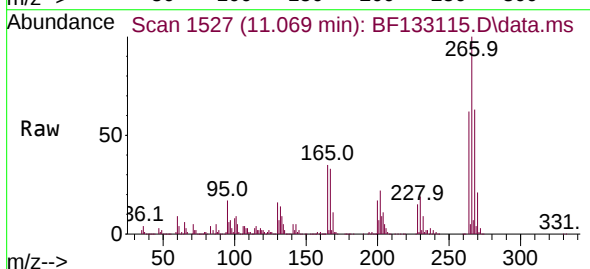


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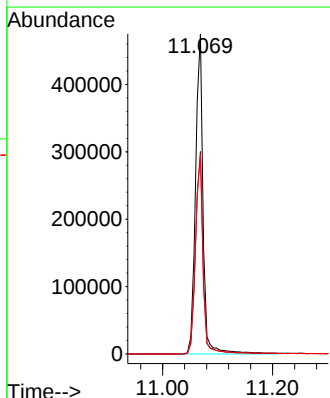
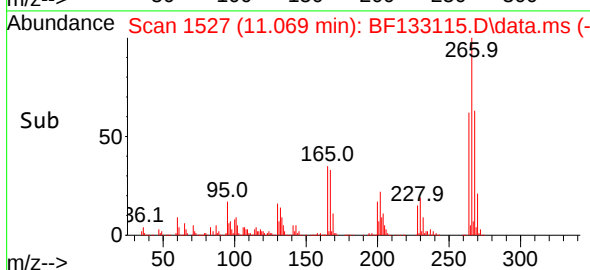
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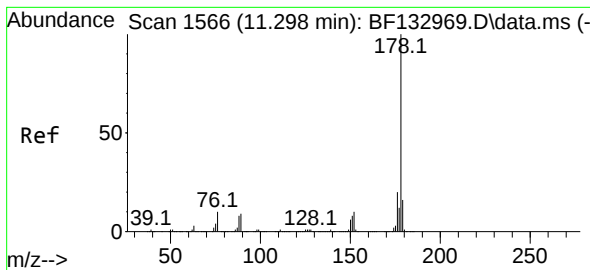


#70
Pentachlorophenol
Concen: 75.117 ng
RT: 11.069 min Scan# 1527
Delta R.T. 0.006 min
Lab File: BF133115.D
Acq: 28 Apr 2023 10:47



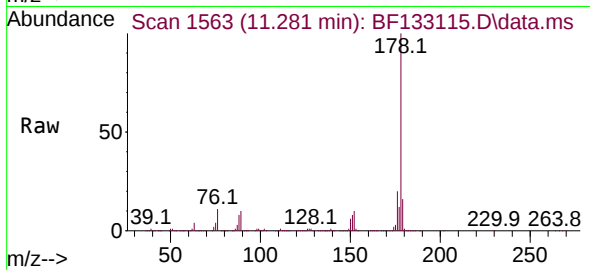
Tgt Ion:266 Resp: 453415
Ion Ratio Lower Upper
266 100
268 63.2 48.8 73.2
264 62.4 50.6 76.0





#71
Phenanthrene
Concen: 40.014 ng
RT: 11.281 min Scan# 1566
Delta R.T. -0.000 min
Lab File: BF133115.D
Acq: 28 Apr 2023 10:47

Instrument :
BNA_F
ClientSampleId :
PB152460BS



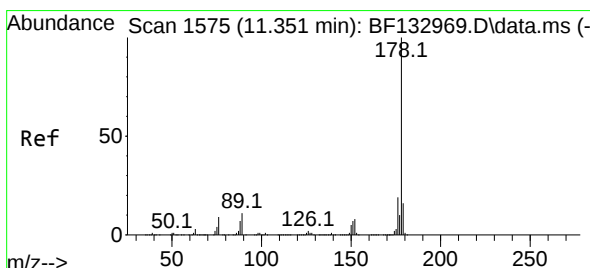
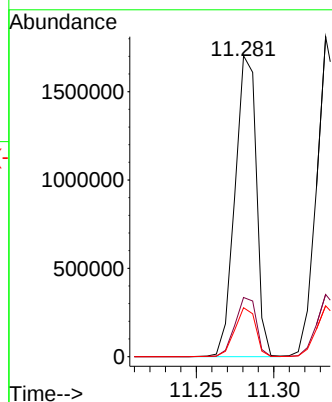
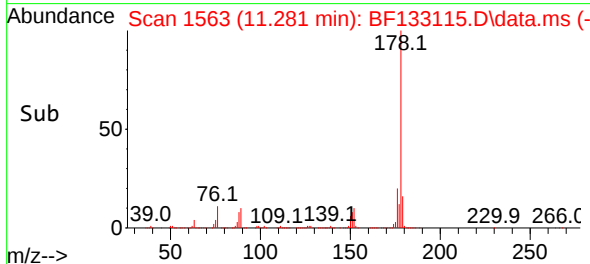
Tgt Ion:178 Resp: 164015
Ion Ratio Lower Upper
178 100
176 19.6 15.9 23.9
179 16.2 12.5 18.7

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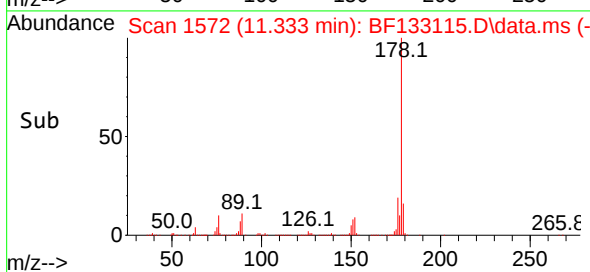
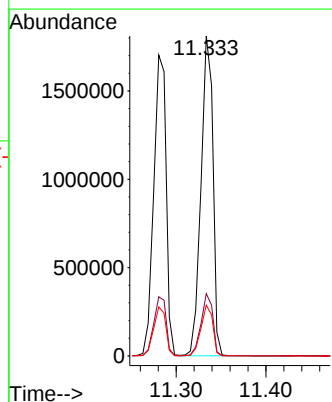
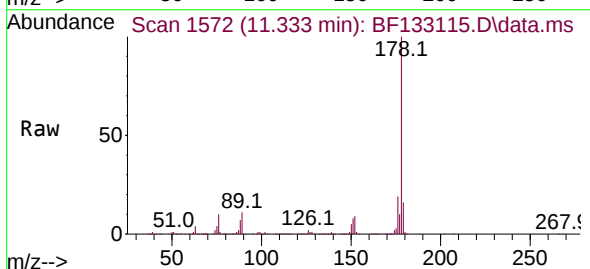
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Upadhyay

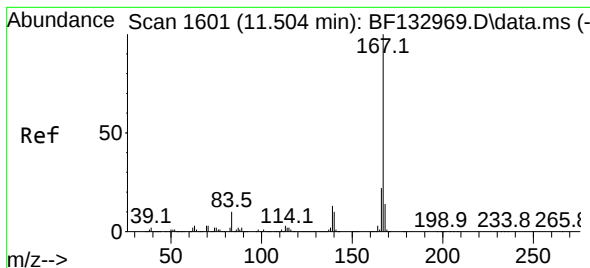
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#72
Anthracene
Concen: 39.889 ng
RT: 11.333 min Scan# 1572
Delta R.T. -0.000 min
Lab File: BF133115.D
Acq: 28 Apr 2023 10:47

Tgt Ion:178 Resp: 1673276
Ion Ratio Lower Upper
178 100
176 19.4 15.4 23.0
179 15.9 12.4 18.6





#73

Carbazole

Concen: 41.485 ng

RT: 11.486 min Scan# 1598

Delta R.T. -0.006 min

Lab File: BF133115.D

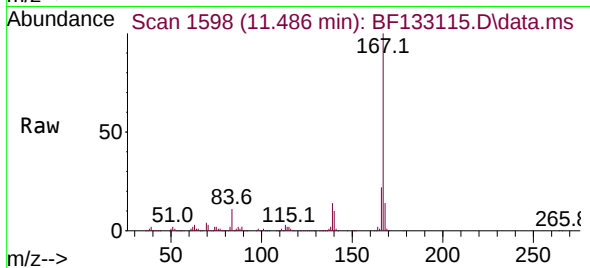
Acq: 28 Apr 2023 10:47

Instrument :

BNA_F

ClientSampleId :

PB152460BS



Tgt Ion:167 Resp: 1549558

Ion Ratio Lower Upper

167 100

166 22.2 17.4 26.0

139 13.6 10.6 16.0

Manual Integrations

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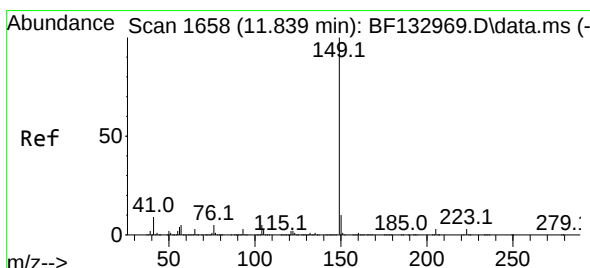
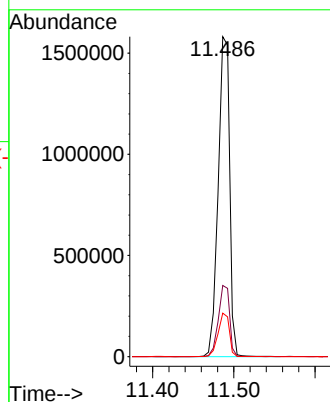
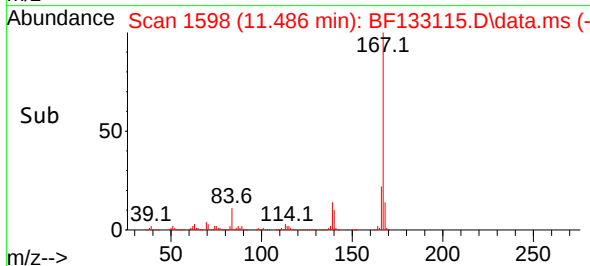
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Supervised By :Jagrut Upadhyay 05/01/2023

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Supervised By :Jagrut
Upadhyay

05/01/2023



#74

Di-n-butylphthalate

Concen: 41.648 ng

RT: 11.822 min Scan# 1655

Delta R.T. -0.006 min

Lab File: BF133115.D

Acq: 28 Apr 2023 10:47

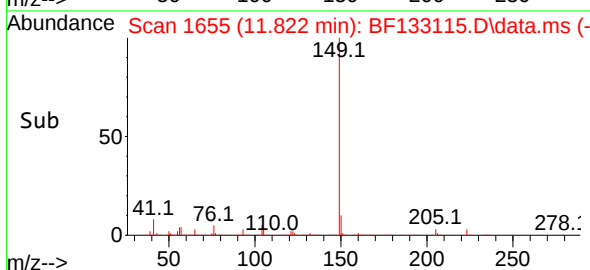
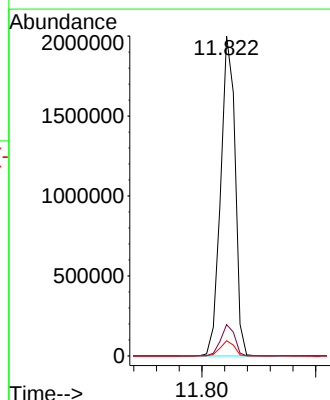
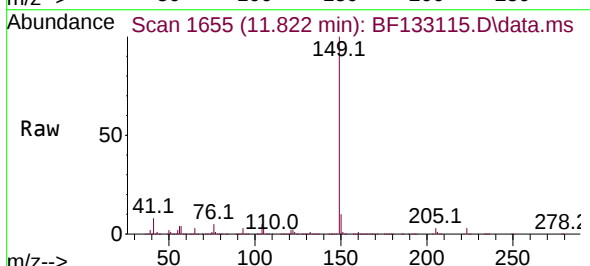
Tgt Ion:149 Resp: 1760446

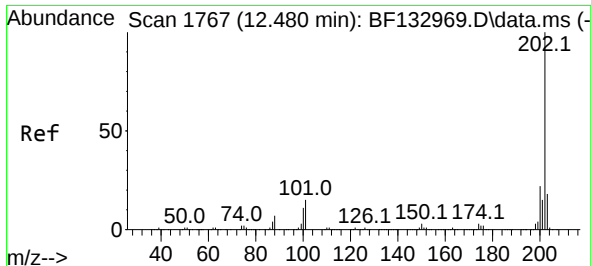
Ion Ratio Lower Upper

149 100

150 9.8 7.6 11.4

104 4.7 4.0 6.0





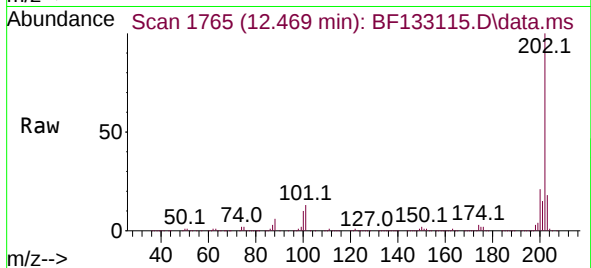
#75
Fluoranthene
Concen: 40.960 ng
RT: 12.469 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF133115.D
Acq: 28 Apr 2023 10:47

Instrument :

BNA_F

ClientSampleId :

PB152460BS



Tgt Ion:202 Resp: 1684982
Ion Ratio Lower Upper
202 100
101 13.4 0.0 35.3
203 17.6 0.0 38.1

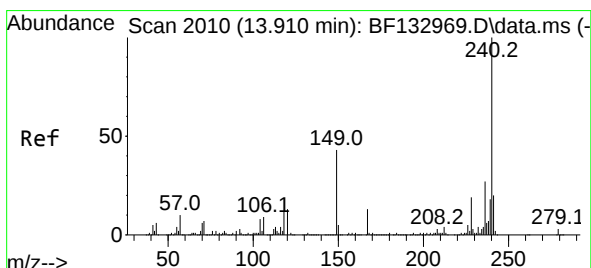
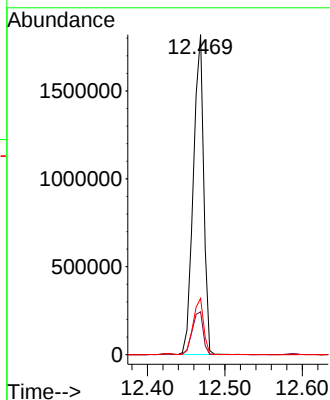
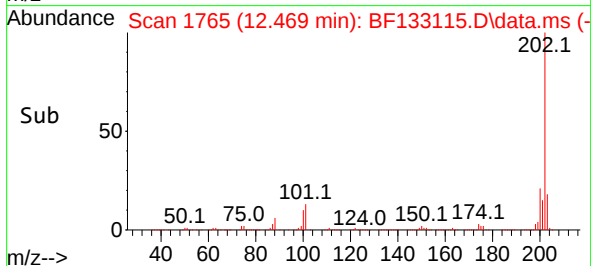
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Reviewed By :Christian Giraldo 05/01/2023
Supervised By :Jagrut Upadhyay 05/01/2023

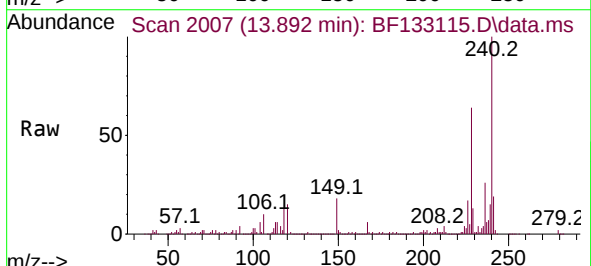
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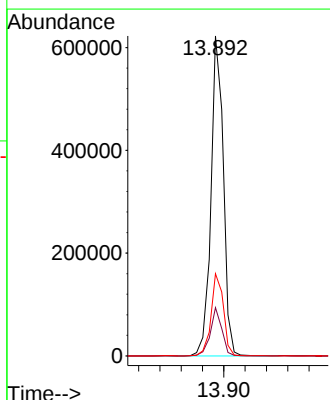
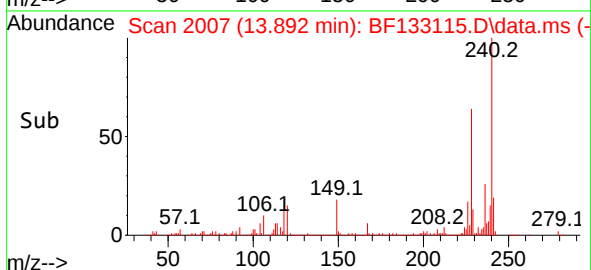
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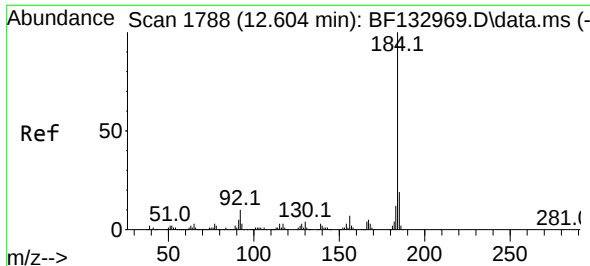


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.892 min Scan# 2007
Delta R.T. -0.006 min
Lab File: BF133115.D
Acq: 28 Apr 2023 10:47



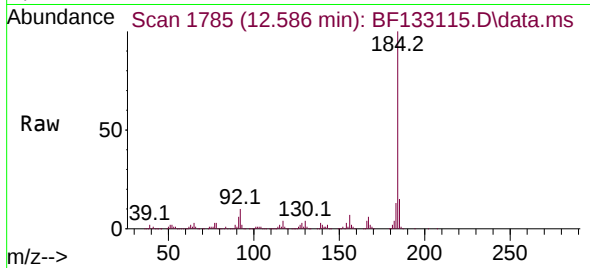
Tgt Ion:240 Resp: 503022
Ion Ratio Lower Upper
240 100
120 15.1 10.5 15.7
236 25.7 21.5 32.3





#77
Benzidine
Concen: 92.967 ng
RT: 12.586 min Scan# 1785
Delta R.T. -0.000 min
Lab File: BF133115.D
Acq: 28 Apr 2023 10:47

Instrument :
BNA_F
ClientSampleId :
PB152460BS



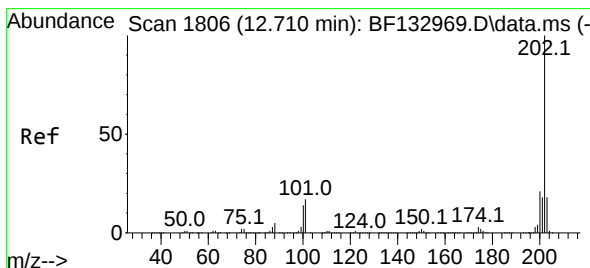
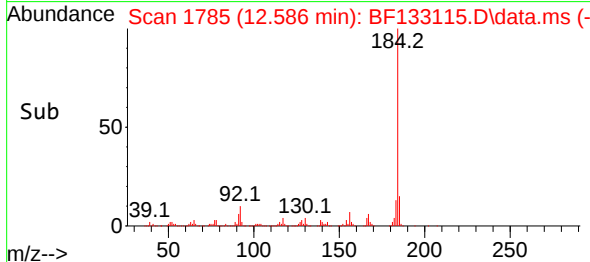
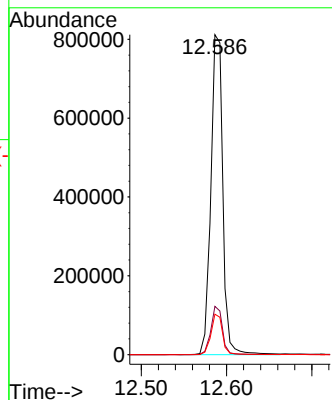
Tgt Ion:184 Resp: 790813
Ion Ratio Lower Upper
184 100
185 15.1 15.4 23.2
183 12.6 9.4 14.0

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Supervised By :Jagrut Upadhyay 05/01/2023

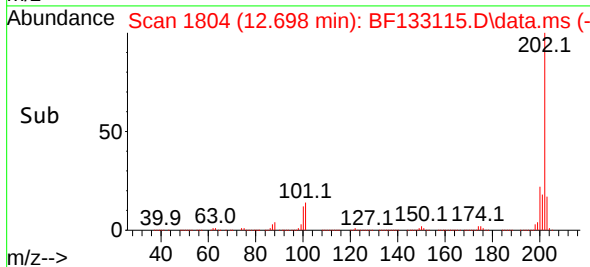
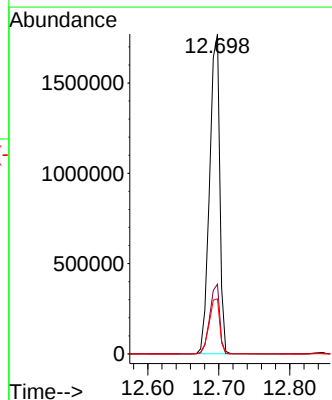
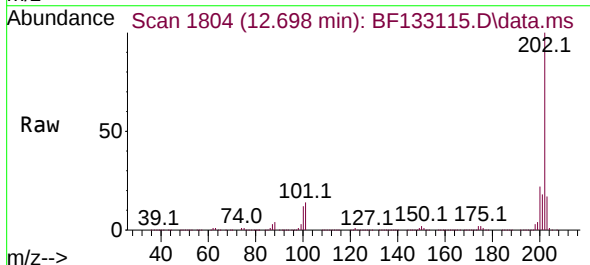
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Upadhyay

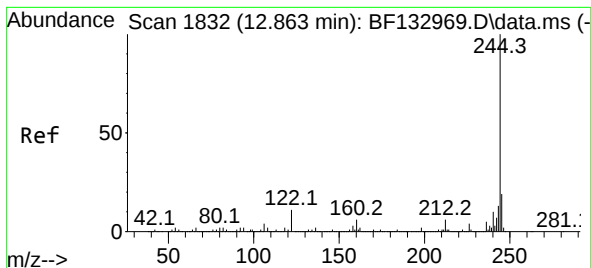
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#78
Pyrene
Concen: 40.297 ng
RT: 12.698 min Scan# 1804
Delta R.T. -0.000 min
Lab File: BF133115.D
Acq: 28 Apr 2023 10:47

Tgt Ion:202 Resp: 1737646
Ion Ratio Lower Upper
202 100
200 21.8 17.1 25.7
203 17.2 14.1 21.1





#79

Terphenyl-d14

Concen: 82.191 ng

RT: 12.845 min Scan# 1832

Delta R.T. -0.000 min

Lab File: BF133115.D

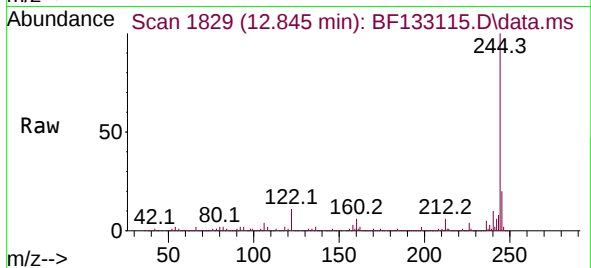
Acq: 28 Apr 2023 10:47

Instrument :

BNA_F

ClientSampleId :

PB152460BS



Tgt Ion:244 Resp: 2397213

Ion Ratio Lower Upper

244 100

212 6.3 5.1 7.7

122 11.3 8.6 13.0

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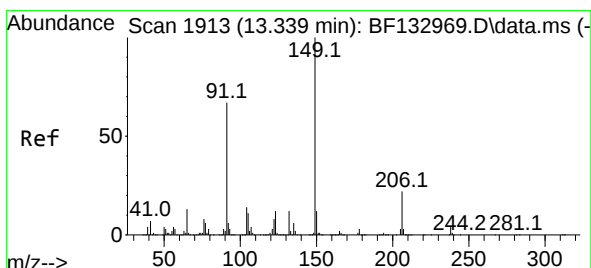
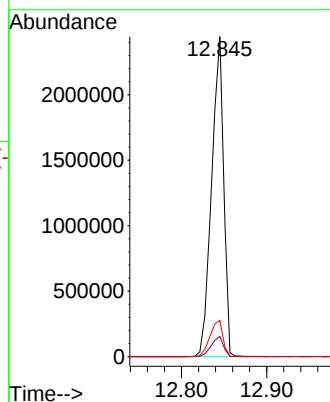
Reviewed By :Christian Giraldo 05/01/2023

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Upadhyay

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#80

Butylbenzylphthalate

Concen: 47.767 ng

RT: 13.322 min Scan# 1910

Delta R.T. -0.000 min

Lab File: BF133115.D

Acq: 28 Apr 2023 10:47

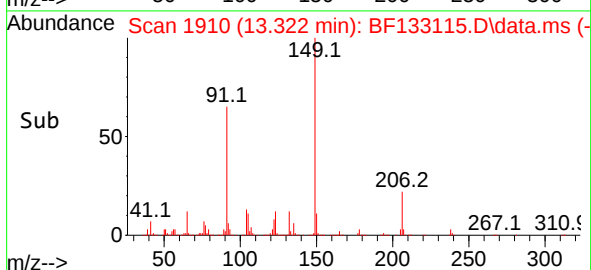
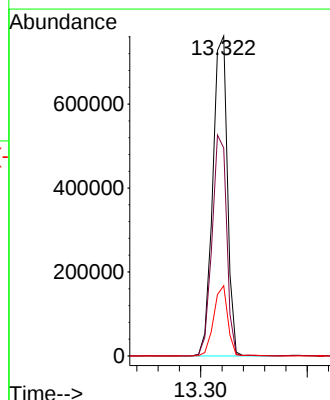
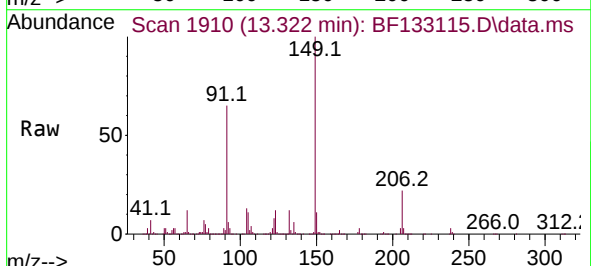
Tgt Ion:149 Resp: 729297

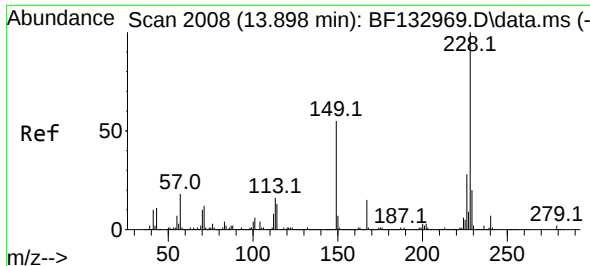
Ion Ratio Lower Upper

149 100

91 65.0 53.8 80.6

206 21.9 17.5 26.3





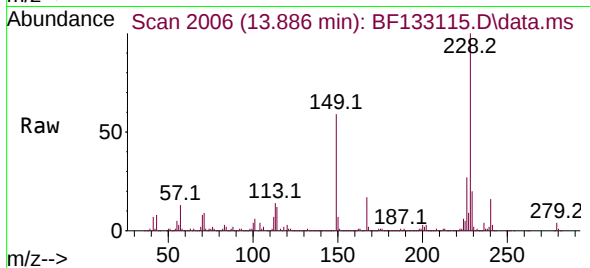
#81
Benzo(a)anthracene
Concen: 40.112 ng
RT: 13.886 min Scan# 2008
Delta R.T. -0.000 min
Lab File: BF133115.D
Acq: 28 Apr 2023 10:47

Instrument :

BNA_F

ClientSampleId :

PB152460BS



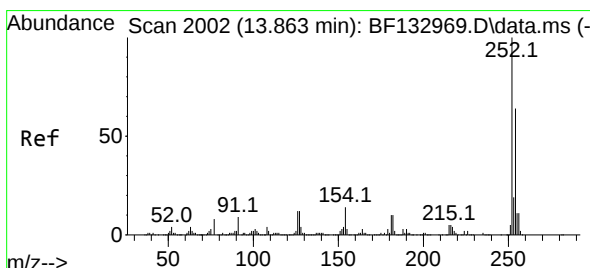
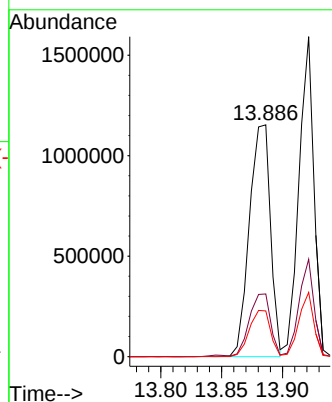
Tgt Ion:228 Resp: 1387511
Ion Ratio Lower Upper
228 100
226 27.0 22.2 33.4
229 19.7 16.0 24.0

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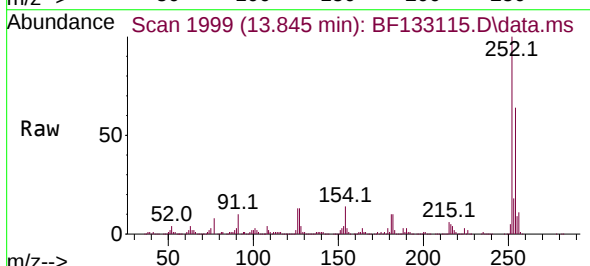
Reviewed By :Christian Giraldo 05/01/2023
Supervised By :Jagrut Upadhyay 05/01/2023

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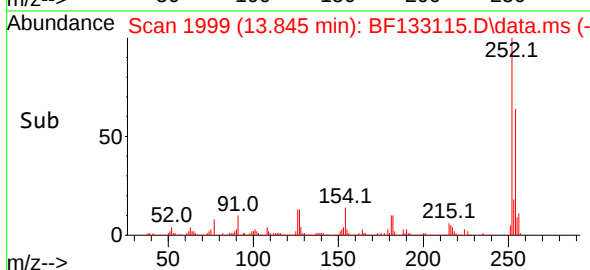
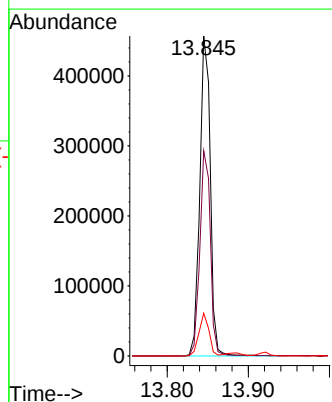
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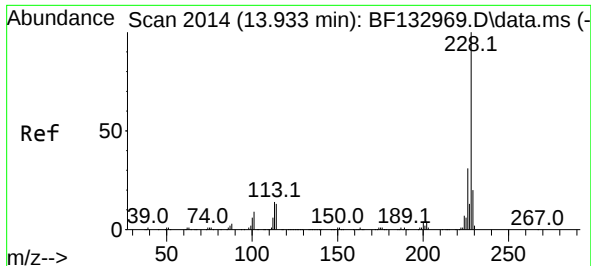


#82
3,3'-Dichlorobenzidine
Concen: 42.741 ng
RT: 13.845 min Scan# 1999
Delta R.T. -0.006 min
Lab File: BF133115.D
Acq: 28 Apr 2023 10:47



Tgt Ion:252 Resp: 408430
Ion Ratio Lower Upper
252 100
254 64.1 51.5 77.3
126 13.3 9.5 14.3





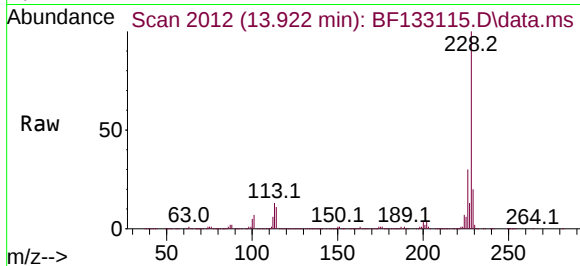
#83
Chrysene
Concen: 39.600 ng
RT: 13.922 min Scan# 2014
Delta R.T. -0.000 min
Lab File: BF133115.D
Acq: 28 Apr 2023 10:47

Instrument :

BNA_F

ClientSampleId :

PB152460BS



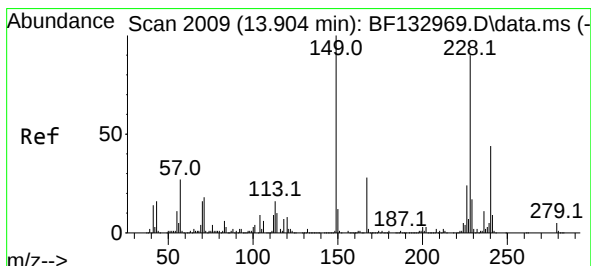
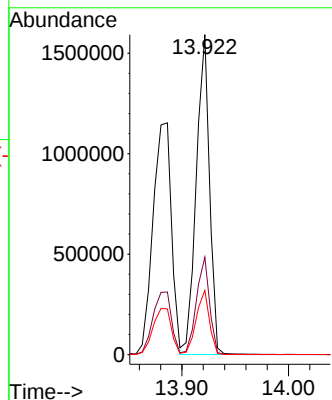
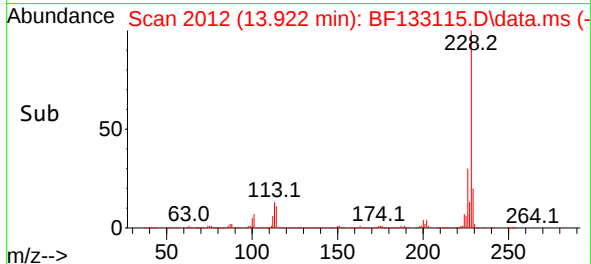
Tgt Ion:228 Resp: 1369460
Ion Ratio Lower Upper
228 100
226 30.4 24.7 37.1
229 20.1 16.1 24.1

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Supervised By :Jagrut Upadhyay 05/01/2023

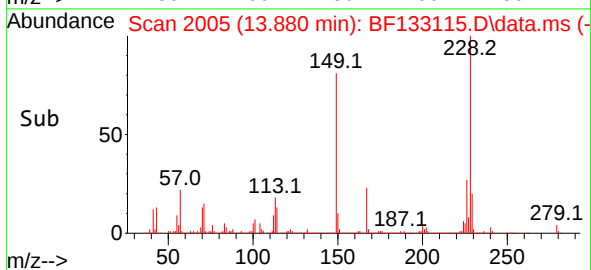
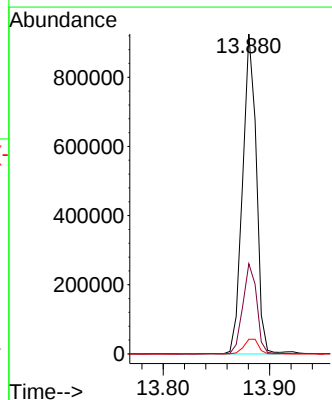
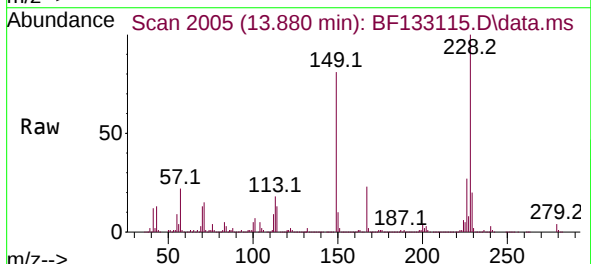
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Upadhyay

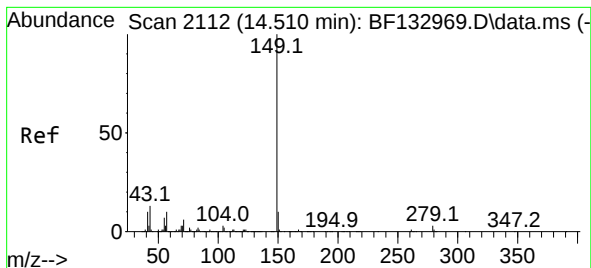
05/01/2023



#84
Bis(2-ethylhexyl)phthalate
Concen: 43.096 ng
RT: 13.880 min Scan# 2005
Delta R.T. -0.006 min
Lab File: BF133115.D
Acq: 28 Apr 2023 10:47

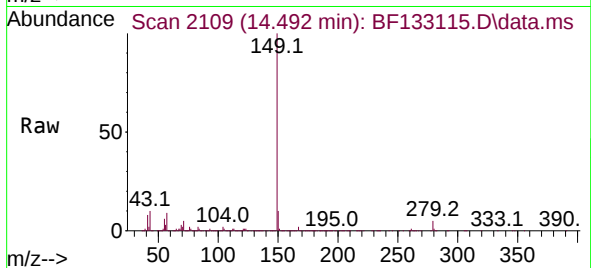
Tgt Ion:149 Resp: 825889
Ion Ratio Lower Upper
149 100
167 28.2 22.5 33.7
279 4.6 4.2 6.4





#85
Di-n-octyl phthalate
Concen: 46.897 ng
RT: 14.492 min Scan# 2112
Delta R.T. -0.000 min
Lab File: BF133115.D
Acq: 28 Apr 2023 10:47

Instrument :
BNA_F
ClientSampleId :
PB152460BS



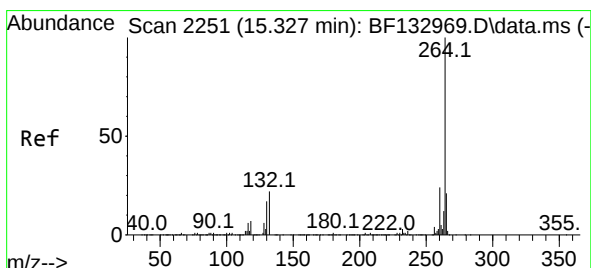
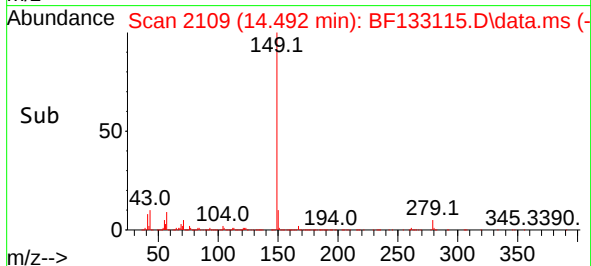
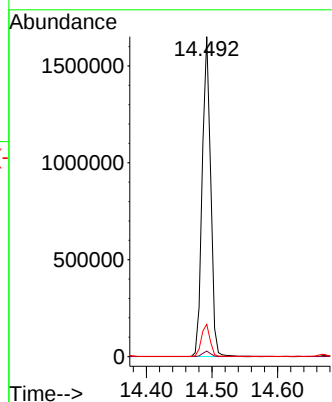
Tgt Ion:149 Resp: 1465434
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 10.3 9.5 14.3

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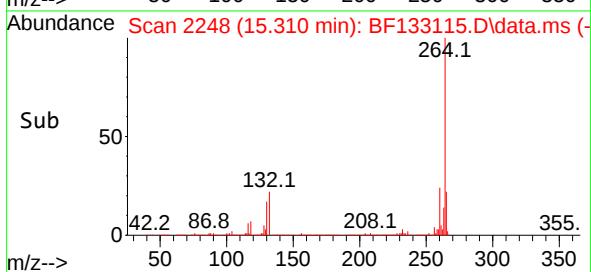
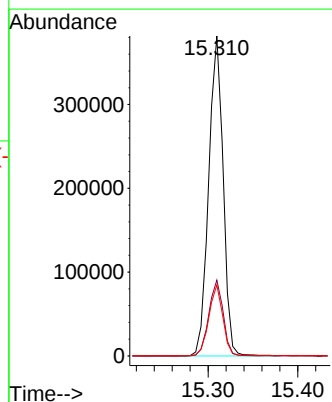
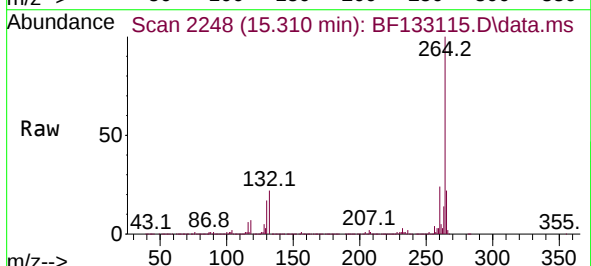
05/01/2023
Supervised By :Jagrut
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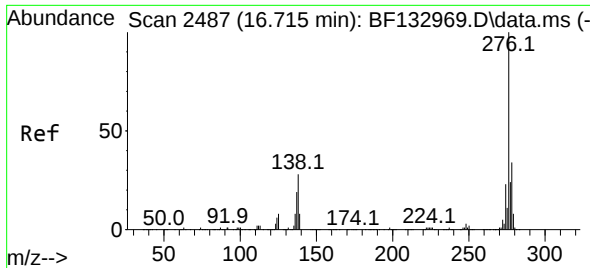
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.310 min Scan# 2248
Delta R.T. -0.006 min
Lab File: BF133115.D
Acq: 28 Apr 2023 10:47

Tgt Ion:264 Resp: 426531
Ion Ratio Lower Upper
264 100
260 23.7 18.8 28.2
265 22.2 17.0 25.4





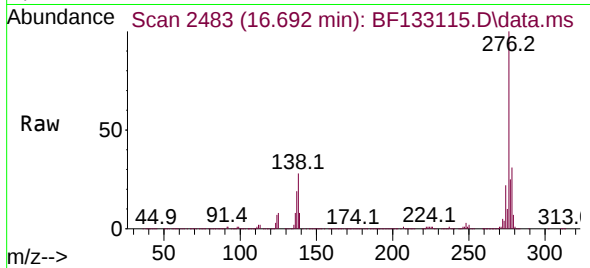
#87
Indeno(1,2,3-cd)pyrene
Concen: 48.092 ng
RT: 16.692 min Scan# 2487
Delta R.T. -0.006 min
Lab File: BF133115.D
Acq: 28 Apr 2023 10:47

Instrument :

BNA_F

ClientSampleId :

PB152460BS



Tgt Ion:276 Resp: 116681
Ion Ratio Lower Upper
276 100
138 31.6 25.5 38.3
277 25.8 20.4 30.6

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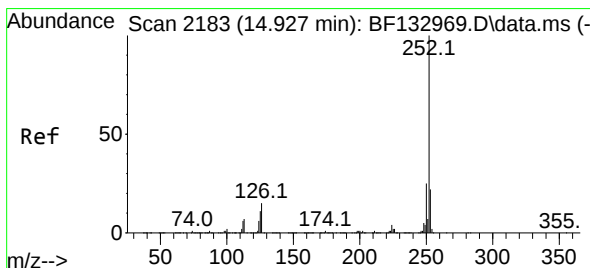
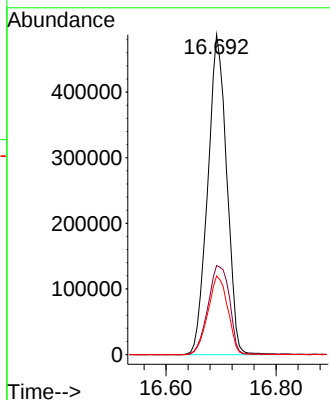
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Supervised By :Jagrut Upadhyay 05/01/2023

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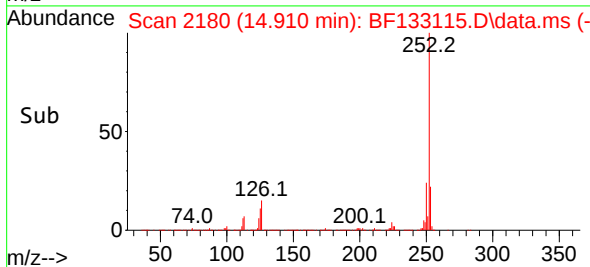
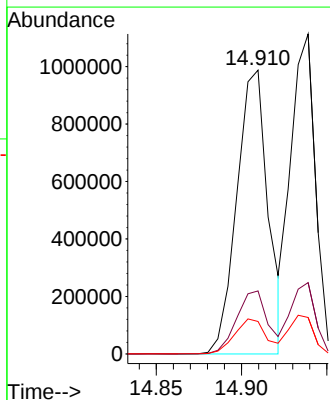
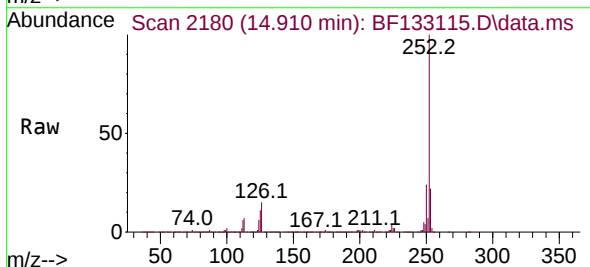
Supervised By :Jagrut
Upadhyay

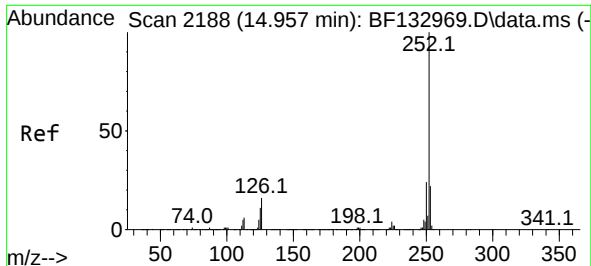
05/01/2023



#88
Benzo(b)fluoranthene
Concen: 46.507 ng
RT: 14.910 min Scan# 2180
Delta R.T. -0.000 min
Lab File: BF133115.D
Acq: 28 Apr 2023 10:47

Tgt Ion:252 Resp: 1261982
Ion Ratio Lower Upper
252 100
253 22.2 17.6 26.4
125 11.4 8.9 13.3





#89

Benzo(k)fluoranthene

Concen: 41.770 ng

RT: 14.939 min Scan# 2188

Delta R.T. -0.000 min

Lab File: BF133115.D

Acq: 28 Apr 2023 10:47

Instrument :

BNA_F

ClientSampleId :

PB152460BS

Tgt Ion:252 Resp: 112358

Ion Ratio Lower Upper

252 100

253 22.3 17.7 26.5

125 11.4 9.0 13.4

Manual Integrations

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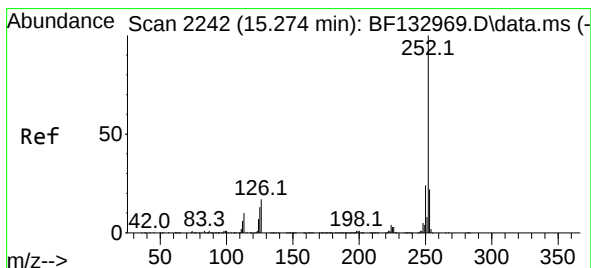
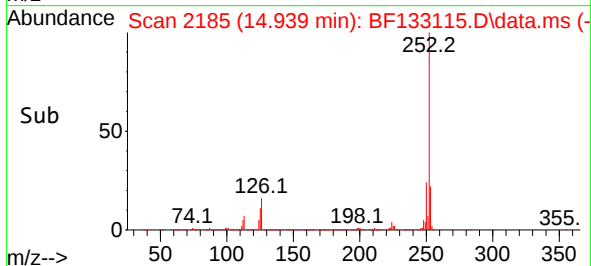
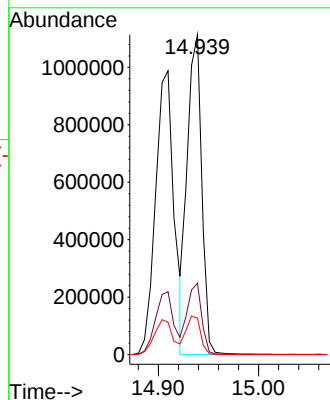
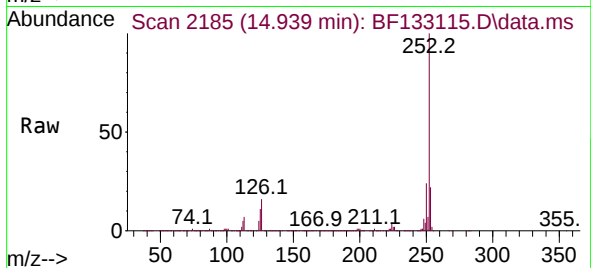
Reviewed By :Christian Giraldo 05/01/2023

Supervised By :Jagrut Upadhyay 05/01/2023

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Upadhyay

05/01/2023



#90

Benzo(a)pyrene

Concen: 41.400 ng

RT: 15.251 min Scan# 2238

Delta R.T. -0.006 min

Lab File: BF133115.D

Acq: 28 Apr 2023 10:47

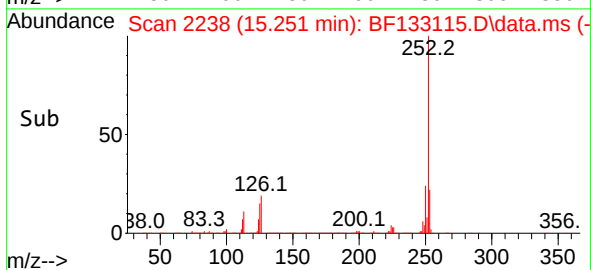
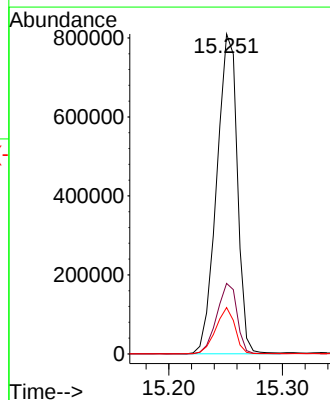
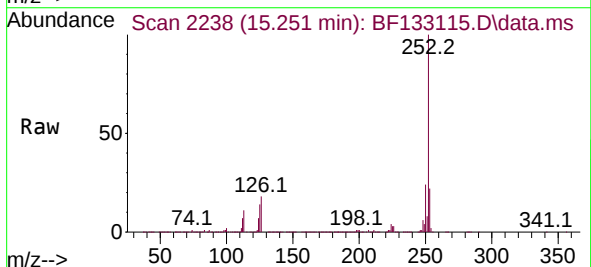
Tgt Ion:252 Resp: 1022527

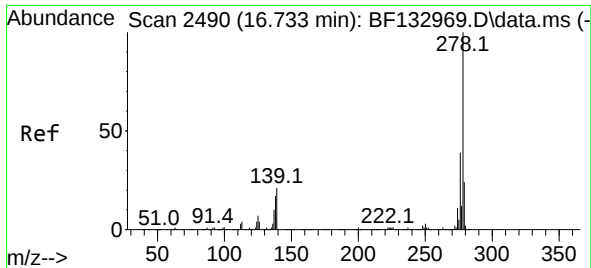
Ion Ratio Lower Upper

252 100

253 22.0 17.7 26.5

125 14.5 10.5 15.7





#91
Dibenzo(a,h)anthracene
Concen: 48.474 ng
RT: 16.715 min Scan# 2490
Delta R.T. -0.000 min
Lab File: BF133115.D
Acq: 28 Apr 2023 10:47

Instrument :

BNA_F

ClientSampleId :

PB152460BS

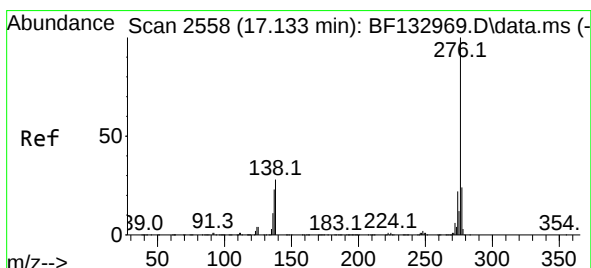
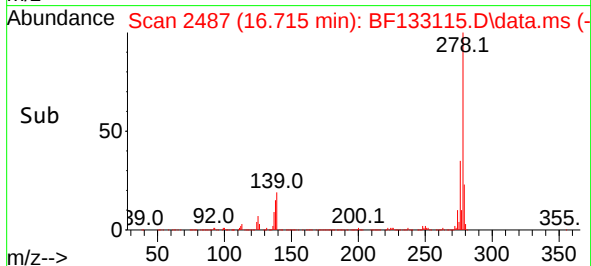
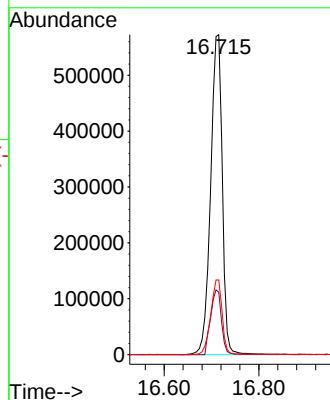
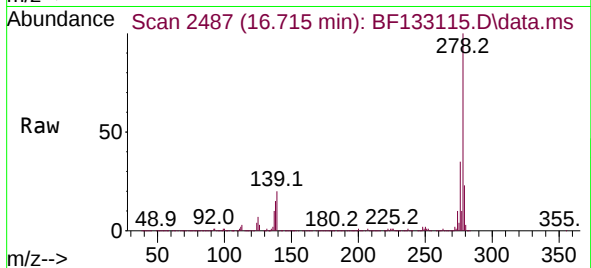
Tgt Ion:278 Resp: 980913
Ion Ratio Lower Upper
278 100
139 19.5 16.6 24.8
279 23.3 18.8 28.2

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 05/01/2023
Supervised By :Jagrut Upadhyay 05/01/2023

05/01/2023
Supervised By :Jagrut
Upadhyay

05/01/2023



#92
Benzo(g,h,i)perylene
Concen: 48.823 ng
RT: 17.115 min Scan# 2555
Delta R.T. -0.000 min
Lab File: BF133115.D
Acq: 28 Apr 2023 10:47

Tgt Ion:276 Resp: 975371
Ion Ratio Lower Upper
276 100
277 23.4 19.4 29.0
138 25.3 22.7 34.1

