

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020323\
 Data File : BF132319.D
 Acq On : 03 Feb 2023 13:26
 Operator : CG\JU
 Sample : PB150501BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB150501BS

Quant Time: Feb 04 01:36:39 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Feb 04 01:32:42 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Christian Giraldo 02/06/2023
 Supervised By : Jagrut Upadhyay 02/06/2023

02/06/2023
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 Upadhyay

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.060	152	211484	20.000	ng	0.00
21) Naphthalene-d8	8.348	136	815264	20.000	ng	0.00
39) Acenaphthene-d10	10.113	164	415642	20.000	ng	0.00
64) Phenanthrene-d10	11.613	188	733323	20.000	ng	0.00
76) Chrysene-d12	14.271	240	377454	20.000	ng	# 0.00
86) Perylene-d12	15.854	264	337823	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.695	112	1480907	112.557	ng	0.02
7) Phenol-d6	6.684	99	1810969	111.646	ng	0.00
23) Nitrobenzene-d5	7.625	82	1104458	75.387	ng	0.00
42) 2,4,6-Tribromophenol	10.913	330	574019	134.295	ng	0.00
45) 2-Fluorobiphenyl	9.425	172	1955035	72.636	ng	0.00
79) Terphenyl-d14	13.207	244	2043782	104.741	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.078	88	195349	31.555	ng	96
3) Pyridine	3.807	79	507388	30.211	ng	98
4) n-Nitrosodimethylamine	3.772	42	186898	34.778	ng	97
6) Aniline	6.719	93	740031m	33.621	ng	
8) 2-Chlorophenol	6.842	128	601266	44.124	ng	96
9) Benzaldehyde	6.613	77	236470	22.678	ng	95
10) Phenol	6.695	94	648964	38.654	ng	98
11) bis(2-Chloroethyl)ether	6.789	93	562212	40.689	ng	97
12) 1,3-Dichlorobenzene	7.001	146	617947	42.876	ng	98
13) 1,4-Dichlorobenzene	7.078	146	617521	42.924	ng	99
14) 1,2-Dichlorobenzene	7.231	146	601265	44.815	ng	99
15) Benzyl Alcohol	7.195	79	458772	38.762	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.331	45	528346	36.293	ng	94
17) 2-Methylphenol	7.301	107	464824	38.968	ng	99
18) Hexachloroethane	7.578	117	233980	43.354	ng	97
19) n-Nitroso-di-n-propyla...	7.472	70	320330	34.767	ng	97
20) 3+4-Methylphenols	7.454	107	576184	37.846	ng	96
22) Acetophenone	7.472	105	739201	38.555	ng	98
24) Nitrobenzene	7.648	77	545030	36.415	ng	92
25) Isophorone	7.883	82	1051739	37.823	ng	96
26) 2-Nitrophenol	7.960	139	324221	44.472	ng	93
27) 2,4-Dimethylphenol	7.989	122	526862	41.288	ng	98
28) bis(2-Chloroethoxy)met...	8.089	93	656614	38.425	ng	99
29) 2,4-Dichlorophenol	8.201	162	480532	42.415	ng	97
30) 1,2,4-Trichlorobenzene	8.283	180	522636	43.079	ng	98
31) Naphthalene	8.372	128	1568689	39.090	ng	99
32) Benzoic acid	8.101	122	400344	42.384	ng	93
33) 4-Chloroaniline	8.413	127	365527	20.541	ng	98
34) Hexachlorobutadiene	8.483	225	302040	44.285	ng	99
35) Caprolactam	8.795	113	160348m	41.516	ng	
36) 4-Chloro-3-methylphenol	8.889	107	494138	40.485	ng	96
37) 2-Methylnaphthalene	9.066	142	1039601	38.246	ng	99
38) 1-Methylnaphthalene	9.166	142	975454	38.615	ng	100
40) 1,2,4,5-Tetrachloroben...	9.230	216	478250	40.888	ng	100
41) Hexachlorocyclopentadiene	9.213	237	592435	86.814	ng	98
43) 2,4,6-Trichlorophenol	9.336	196	353836	42.319	ng	99

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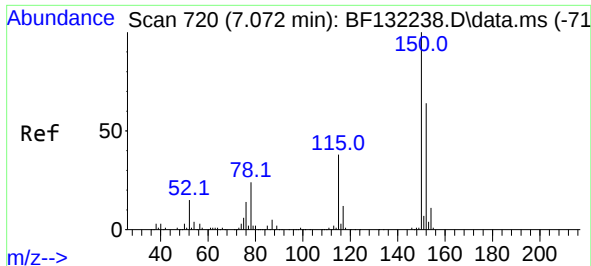
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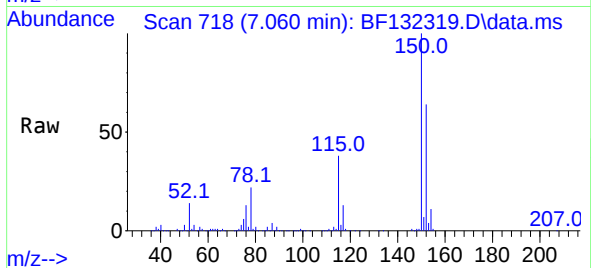
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.377	196	380363	39.524	ng	99
46) 1,1'-Biphenyl	9.530	154	1253049	39.104	ng	97
47) 2-Chloronaphthalene	9.560	162	974546	39.931	ng	99
48) 2-Nitroaniline	9.648	65	253511	34.926	ng	85
49) Acenaphthylene	9.977	152	1521860	38.207	ng	99
50) Dimethylphthalate	9.825	163	1164401	40.049	ng	98
51) 2,6-Dinitrotoluene	9.889	165	270318	41.630	ng	90
52) Acenaphthene	10.148	154	1073875	43.063	ng	99
53) 3-Nitroaniline	10.060	138	227370	28.874	ng	99
54) 2,4-Dinitrophenol	10.166	184	306891	81.450	ng	94
55) Dibenzofuran	10.325	168	1343264	38.337	ng	97
56) 4-Nitrophenol	10.213	139	453003	76.448	ng	93
57) 2,4-Dinitrotoluene	10.295	165	353988	41.967	ng	95
58) Fluorene	10.666	166	1034461	38.363	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.436	232	297492	42.403	ng	98
60) Diethylphthalate	10.530	149	1158836	40.066	ng	99
61) 4-Chlorophenyl-phenyle...	10.654	204	511398	39.962	ng	98
62) 4-Nitroaniline	10.683	138	271226	35.918	ng	98
63) Azobenzene	10.813	77	980196	34.792	ng	97
65) 4,6-Dinitro-2-methylph...	10.707	198	191855	46.096	ng	93
66) n-Nitrosodiphenylamine	10.772	169	918723	40.009	ng	99
67) 4-Bromophenyl-phenylether	11.148	248	326467	43.476	ng	99
68) Hexachlorobenzene	11.219	284	368974	45.972	ng	# 90
69) Atrazine	11.295	200	310450	47.003	ng	97
70) Pentachlorophenol	11.407	266	413179	74.924	ng	99
71) Phenanthrene	11.636	178	1511569	39.446	ng	99
72) Anthracene	11.689	178	1512863	38.793	ng	99
73) Carbazole	11.842	167	1346130	38.496	ng	100
74) Di-n-butylphthalate	12.160	149	1714741	41.479	ng	100
75) Fluoranthene	12.836	202	1457183	37.263	ng	98
77) Benzidine	12.948	184	522727	39.612	ng	98
78) Pyrene	13.066	202	1457120	47.996	ng	99
80) Butylbenzylphthalate	13.677	149	642480	47.900	ng	95
81) Benzo(a)anthracene	14.265	228	1090118	41.293	ng	99
82) 3,3'-Dichlorobenzidine	14.218	252	251410	29.900	ng	99
83) Chrysene	14.301	228	998578	40.395	ng	99
84) Bis(2-ethylhexyl)phtha...	14.230	149	838994	46.277	ng	100
85) Di-n-octyl phthalate	14.865	149	1200476	40.596	ng	97
87) Indeno(1,2,3-cd)pyrene	17.501	276	1057591	47.115	ng	98
88) Benzo(b)fluoranthene	15.377	252	961573	44.779	ng	100
89) Benzo(k)fluoranthene	15.412	252	907733	44.286	ng	99
90) Benzo(a)pyrene	15.789	252	814478	40.732	ng	99
91) Dibenzo(a,h)anthracene	17.518	278	877619	48.629	ng	99
92) Benzo(g,h,i)perylene	18.006	276	869653	46.644	ng	97

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.060 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF132319.D
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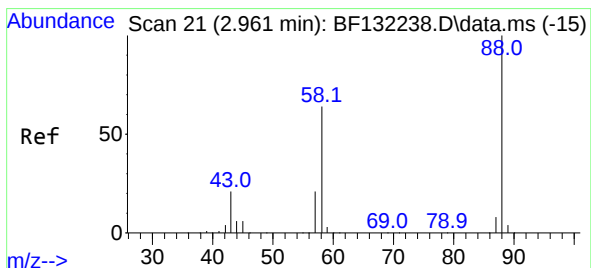
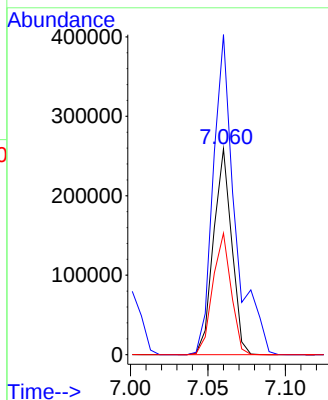
Tgt Ion:152 Resp: 211484
Ion Ratio Lower Upper
152 100
150 155.3 124.2 186.2
115 59.0 47.3 70.9

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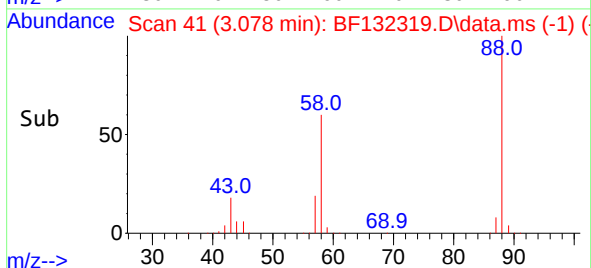
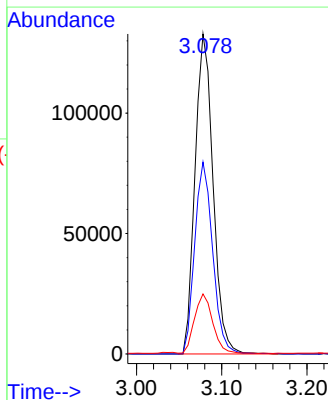
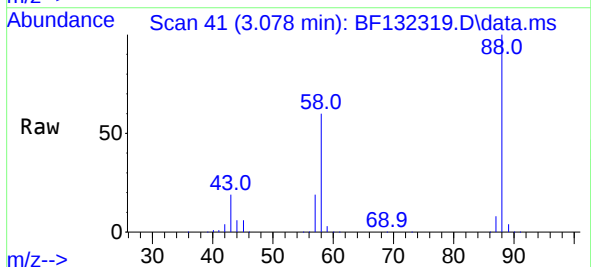
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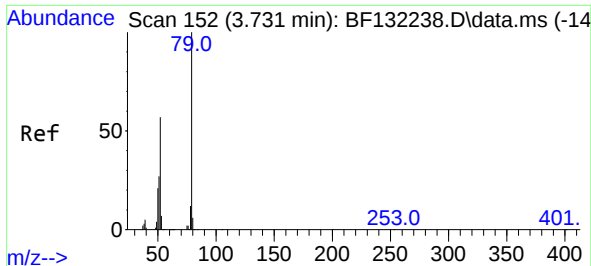
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#2
1,4-Dioxane
Concen: 31.555 ng
RT: 3.078 min Scan# 41
Delta R.T. 0.088 min
Lab File: BF132319.D
Acq: 03 Feb 2023 13:26

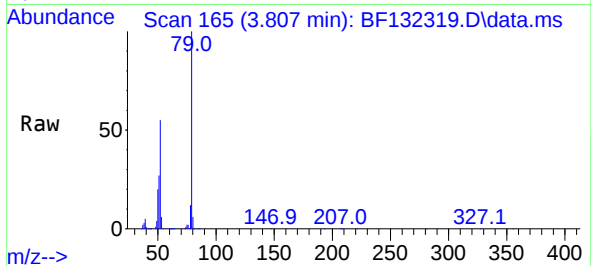
Tgt Ion: 88 Resp: 195349
Ion Ratio Lower Upper
88 100
58 59.8 50.2 75.2
43 19.0 16.9 25.3





#3
Pyridine
Concen: 30.211 ng
RT: 3.807 min Scan# 1
Delta R.T. 0.059 min
Lab File: BF132319.D
Acq: 03 Feb 2023 13:26

Instrument :
BNA_F
ClientSampleId :
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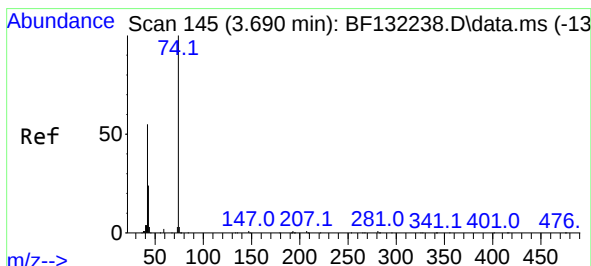
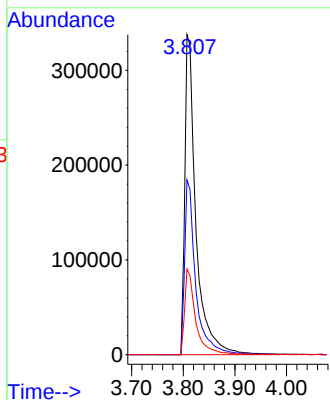
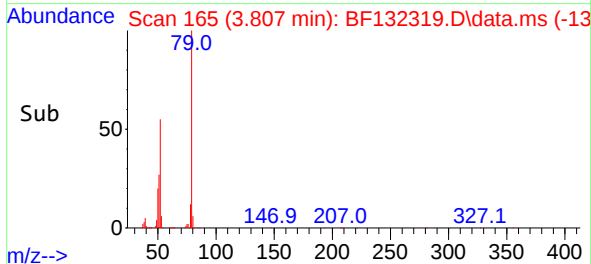
Tgt Ion: 79 Resp: 50738
Ion Ratio Lower Upper
79 100
52 54.6 45.6 68.4
51 26.8 21.5 32.3

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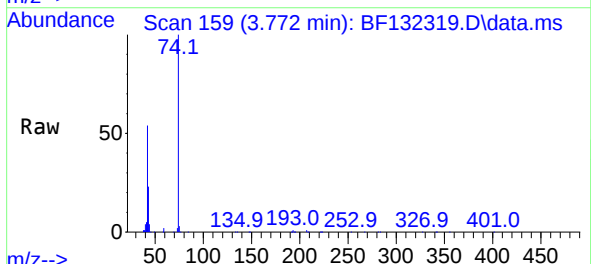
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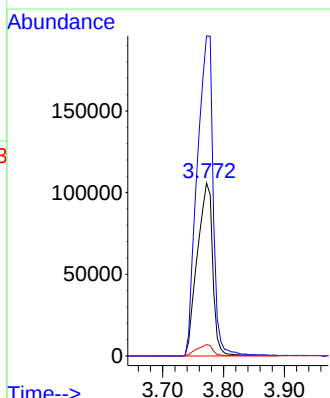
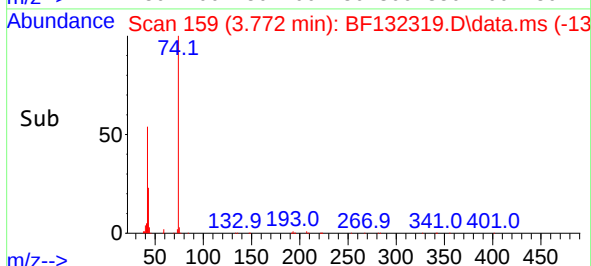
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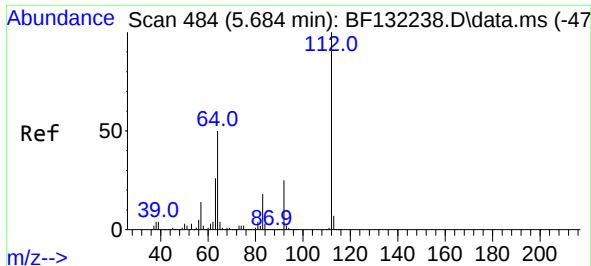


#4
n-Nitrosodimethylamine
Concen: 34.778 ng
RT: 3.772 min Scan# 159
Delta R.T. 0.053 min
Lab File: BF132319.D
Acq: 03 Feb 2023 13:26



Tgt Ion: 42 Resp: 186898
Ion Ratio Lower Upper
42 100
74 185.0 144.6 217.0
44 6.6 5.1 7.7





#5
2-Fluorophenol
Concen: 112.557 ng
RT: 5.695 min Scan# 484
Delta R.T. 0.018 min
Lab File: BF132319.D
Acq: 03 Feb 2023 13:26

Instrument :

BNA_F

ClientSampleId :

PB150501BS

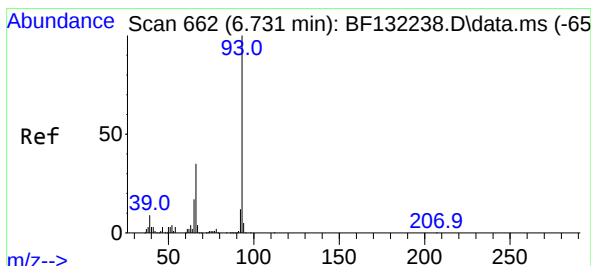
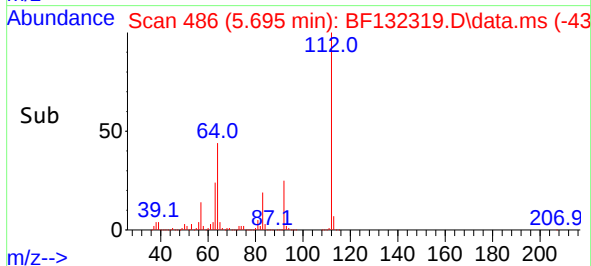
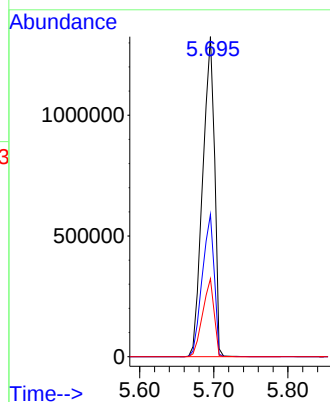
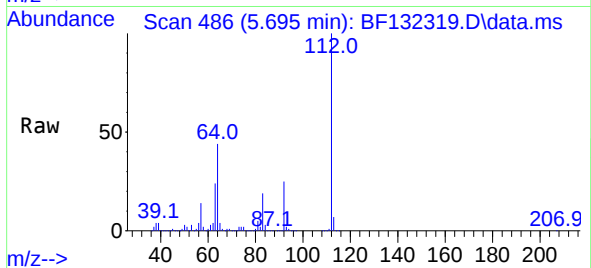
Tgt Ion:112 Resp: 148090
Ion Ratio Lower Upper
112 100
64 44.4 40.0 60.0
63 24.4 20.5 30.7

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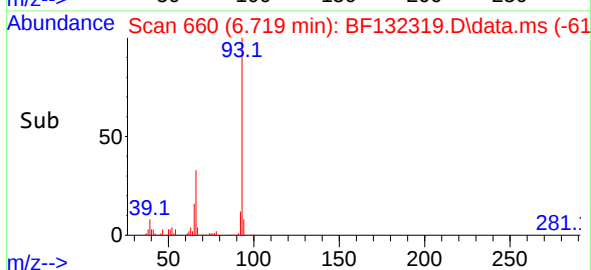
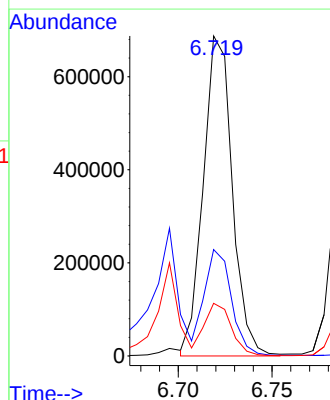
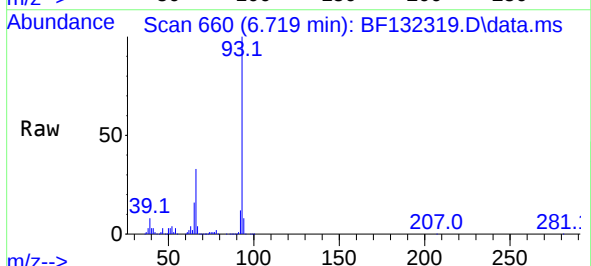
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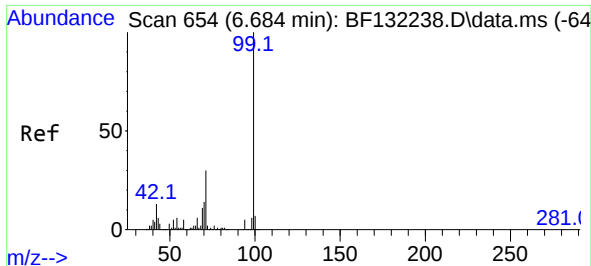
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#6
Aniline
Concen: 33.621 ng m
RT: 6.719 min Scan# 660
Delta R.T. -0.006 min
Lab File: BF132319.D
Acq: 03 Feb 2023 13:26

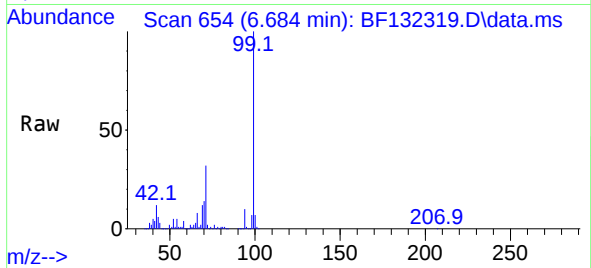
Tgt Ion: 93 Resp: 740031
Ion Ratio Lower Upper
93 100
66 33.3 28.8 43.2
65 16.4 14.2 21.4





#7
Phenol-d6
Concen: 111.646 ng
RT: 6.684 min Scan# 61
Delta R.T. 0.006 min
Lab File: BF132319.D
Acq: 03 Feb 2023 13:26

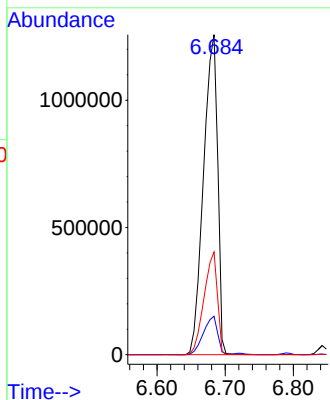
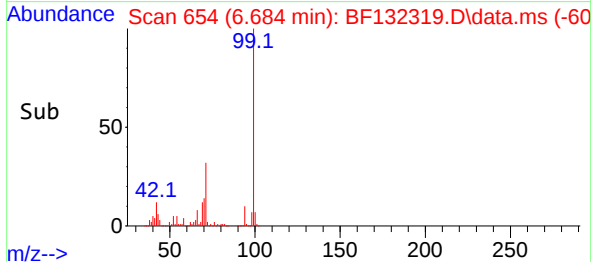
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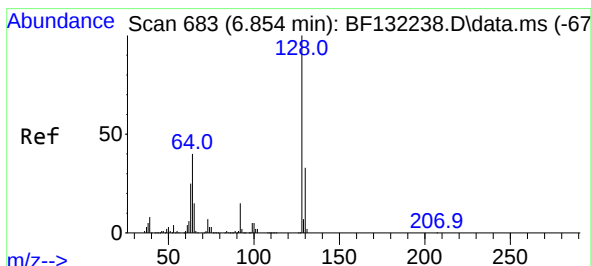
Tgt Ion: 99 Resp: 181096
Ion Ratio Lower Upper
99 100
42 12.0 10.1 15.1
71 32.1 24.2 36.4

Manual Integrations
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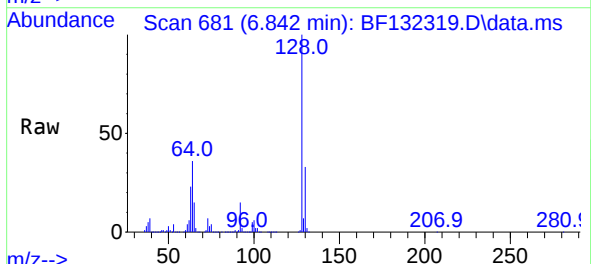
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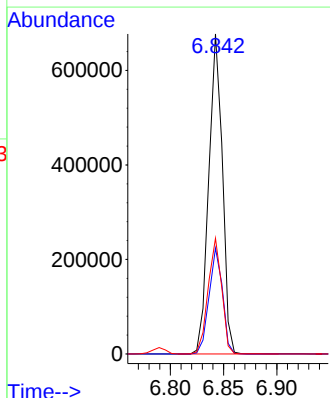
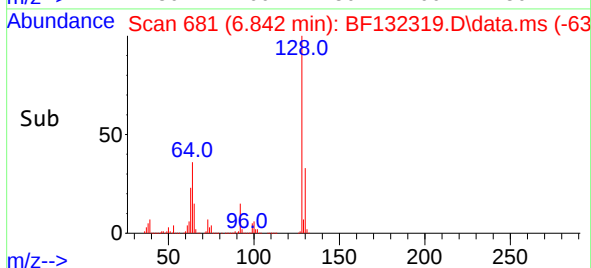
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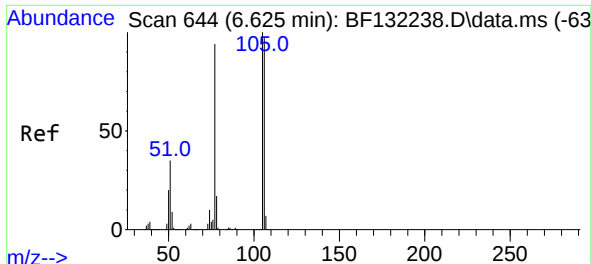


#8
2-Chlorophenol
Concen: 44.124 ng
RT: 6.842 min Scan# 681
Delta R.T. -0.006 min
Lab File: BF132319.D
Acq: 03 Feb 2023 13:26



Tgt Ion:128 Resp: 601266
Ion Ratio Lower Upper
128 100
130 33.0 13.3 53.3
64 36.2 20.1 60.1





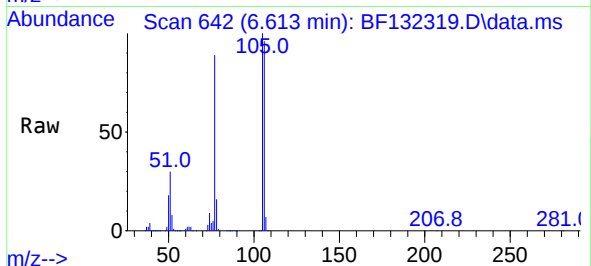
#9
Benzaldehyde
Concen: 22.678 ng
RT: 6.613 min Scan# 644
Delta R.T. -0.000 min
Lab File: BF132319.D
Acq: 03 Feb 2023 13:26

Instrument :

BNA_F

ClientSampleId :

PB150501BS



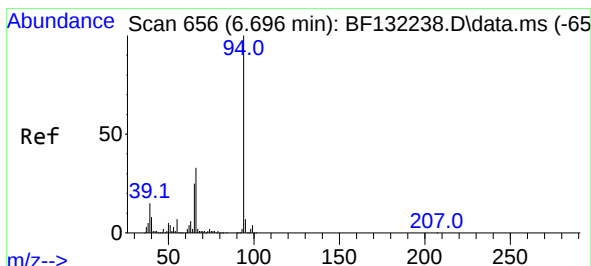
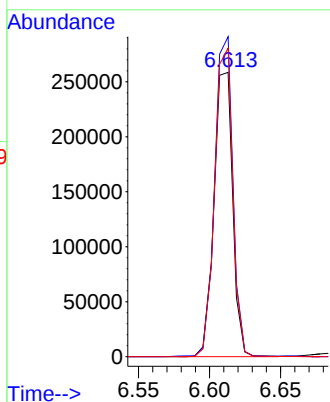
Tgt Ion: 77 Resp: 236470
Ion Ratio Lower Upper
77 100
105 112.5 86.8 126.8
106 108.5 83.8 123.8

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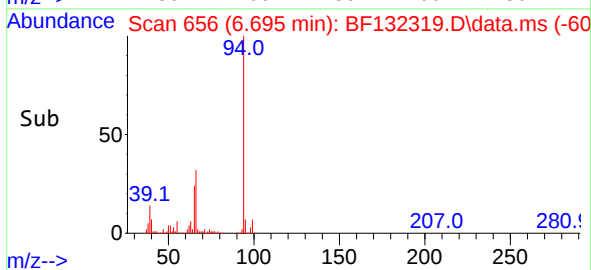
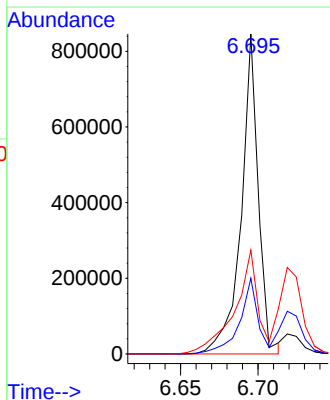
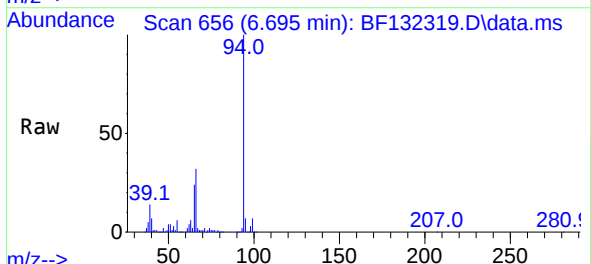
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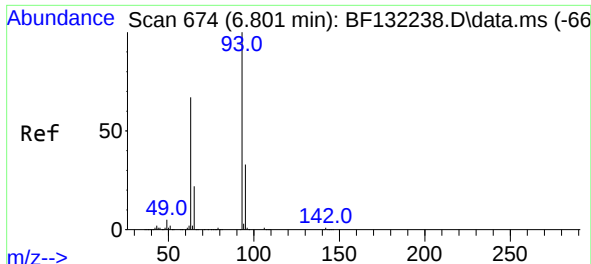
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#10
Phenol
Concen: 38.654 ng
RT: 6.695 min Scan# 656
Delta R.T. -0.000 min
Lab File: BF132319.D
Acq: 03 Feb 2023 13:26

Tgt Ion: 94 Resp: 648964
Ion Ratio Lower Upper
94 100
65 23.7 5.1 45.1
66 32.4 13.0 53.0





#11
bis(2-Chloroethyl)ether
Concen: 40.689 ng
RT: 6.789 min Scan# 61
Delta R.T. -0.006 min
Lab File: BF132319.D
Acq: 03 Feb 2023 13:26

Instrument :

BNA_F

ClientSampleId :

PB150501BS

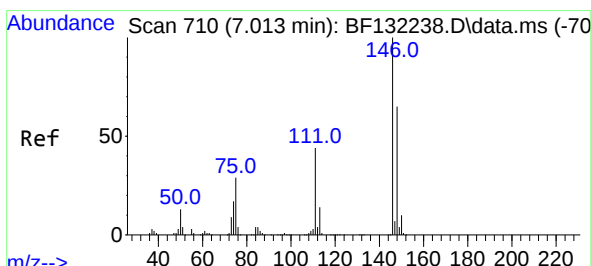
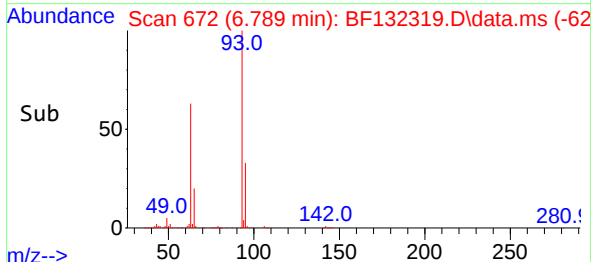
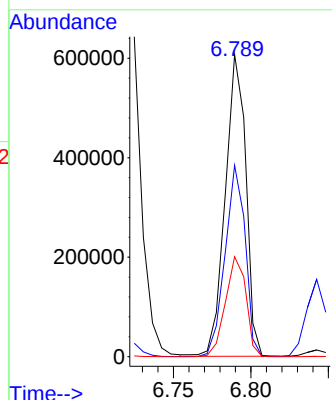
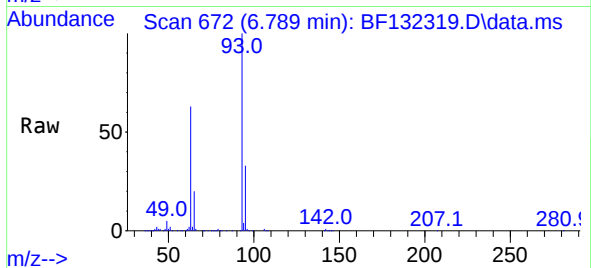
Tgt Ion: 93 Resp: 56221
Ion Ratio Lower Upper
93 100
63 63.3 46.7 86.7
95 33.1 13.4 53.4

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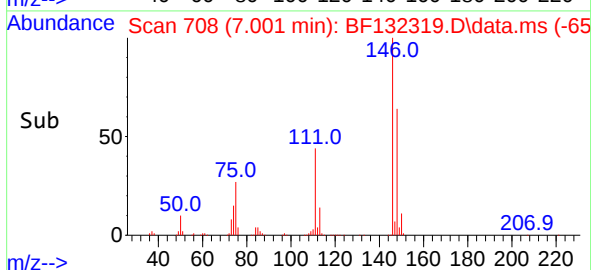
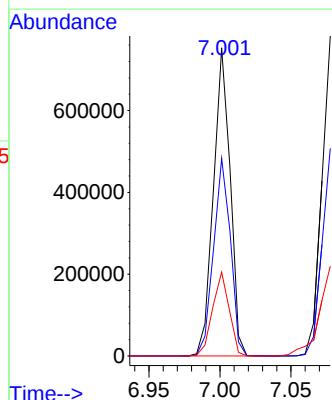
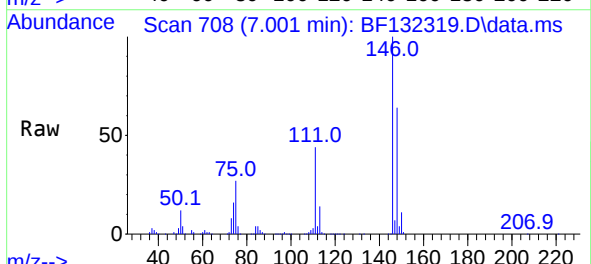
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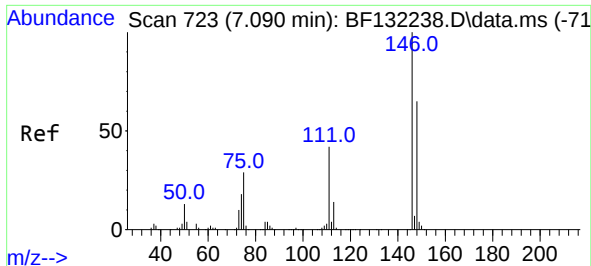
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#12
1,3-Dichlorobenzene
Concen: 42.876 ng
RT: 7.001 min Scan# 708
Delta R.T. -0.000 min
Lab File: BF132319.D
Acq: 03 Feb 2023 13:26

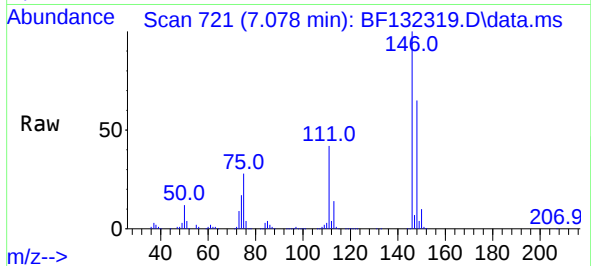
Tgt Ion:146 Resp: 617947
Ion Ratio Lower Upper
146 100
148 64.1 51.8 77.8
75 27.2 23.5 35.3





#13
1,4-Dichlorobenzene
Concen: 42.924 ng
RT: 7.078 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF132319.D
Acq: 03 Feb 2023 13:26

Instrument :
BNA_F
ClientSampleId :
PB150501BS



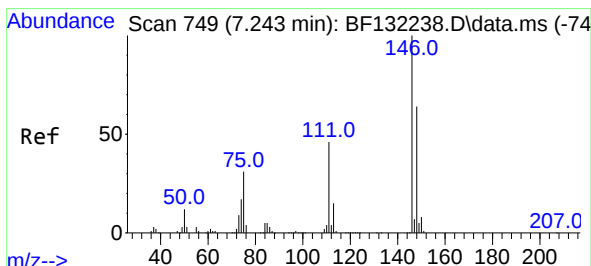
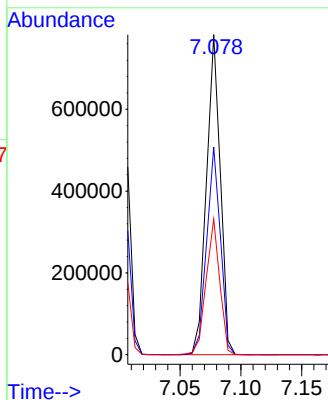
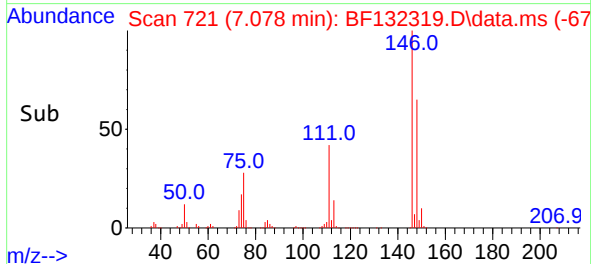
Tgt Ion:146 Resp: 61752
Ion Ratio Lower Upper
146 100
148 64.9 52.4 78.6
111 42.4 34.0 51.0

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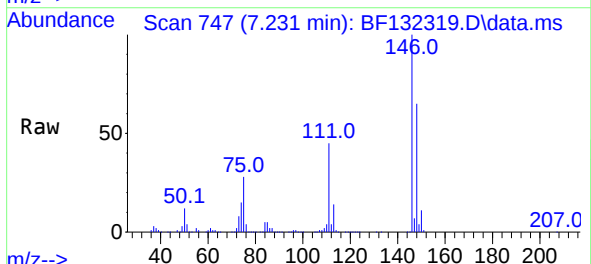
Reviewed By :Christian Giraldo 02/06/2023
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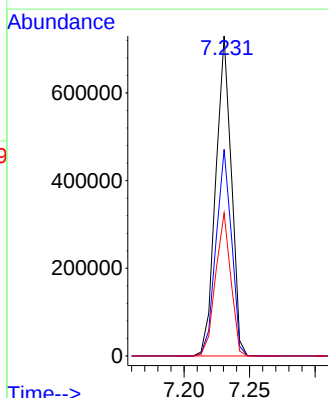
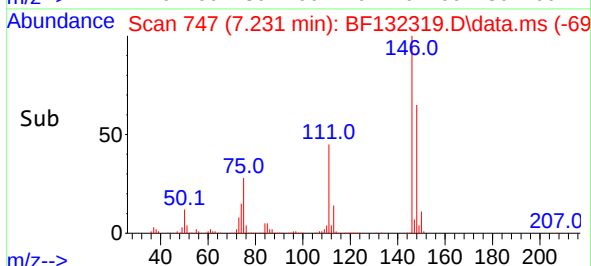
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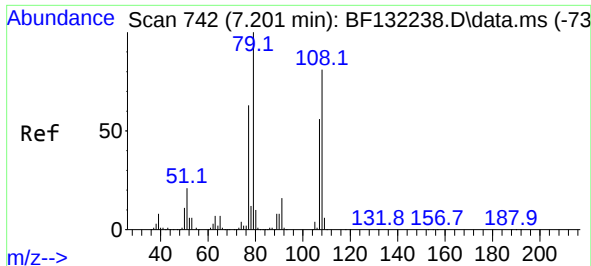


#14
1,2-Dichlorobenzene
Concen: 44.815 ng
RT: 7.231 min Scan# 747
Delta R.T. -0.006 min
Lab File: BF132319.D
Acq: 03 Feb 2023 13:26



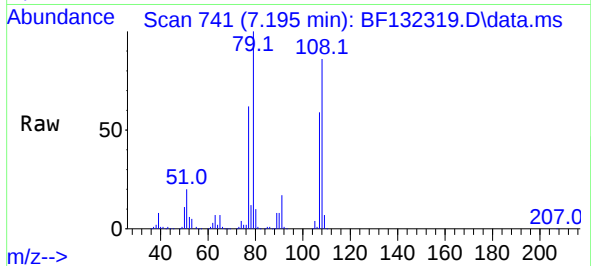
Tgt Ion:146 Resp: 601265
Ion Ratio Lower Upper
146 100
148 64.6 51.4 77.0
111 44.6 37.1 55.7





#15
Benzyl Alcohol
Concen: 38.762 ng
RT: 7.195 min Scan# 741
Delta R.T. -0.000 min
Lab File: BF132319.D
Acq: 03 Feb 2023 13:26

Instrument :
BNA_F
ClientSampleId :
PB150501BS



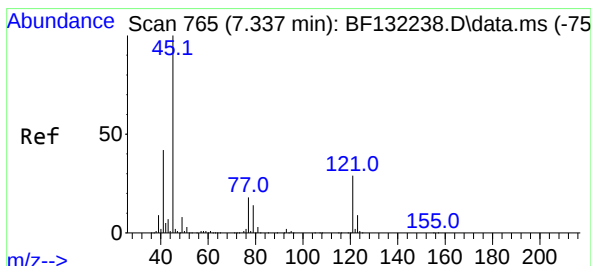
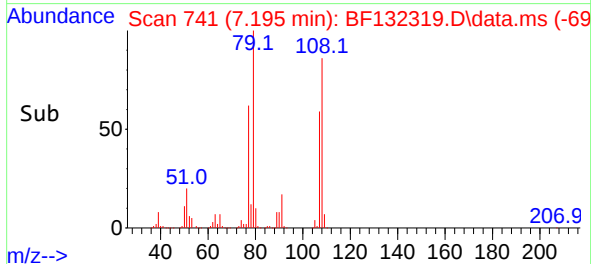
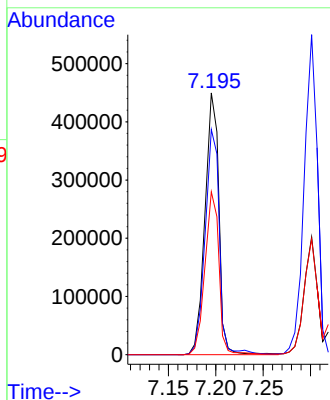
Tgt Ion: 79 Resp: 458772
Ion Ratio Lower Upper
79 100
108 86.0 64.6 97.0
77 62.2 50.1 75.1

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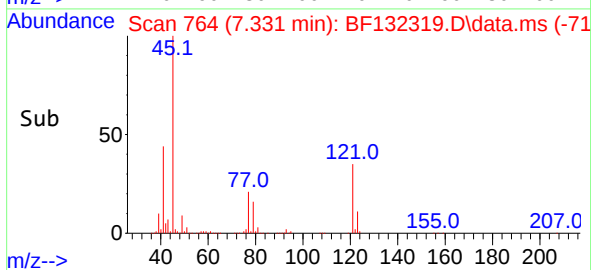
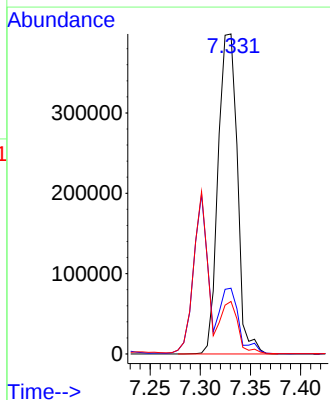
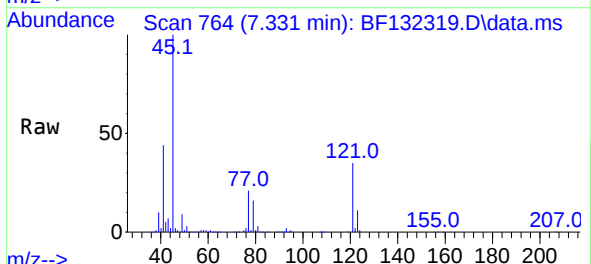
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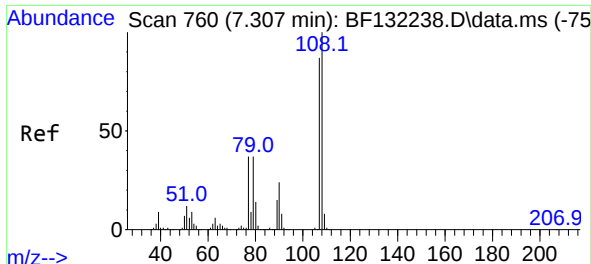
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 36.293 ng
RT: 7.331 min Scan# 764
Delta R.T. -0.000 min
Lab File: BF132319.D
Acq: 03 Feb 2023 13:26

Tgt Ion: 45 Resp: 528346
Ion Ratio Lower Upper
45 100
77 20.6 0.0 38.0
79 16.4 0.0 33.8





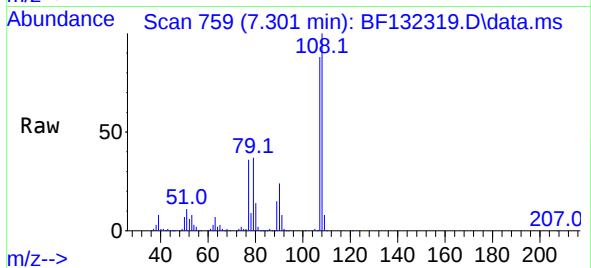
#17
2-Methylphenol
Concen: 38.968 ng
RT: 7.301 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF132319.D
Acq: 03 Feb 2023 13:26

Instrument :

BNA_F

ClientSampleId :

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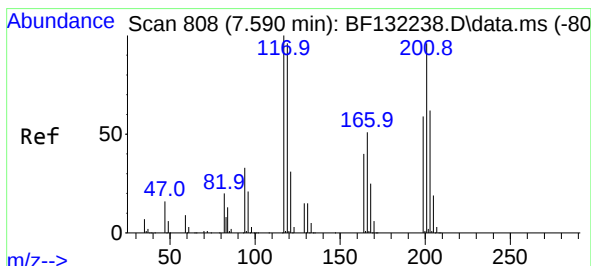
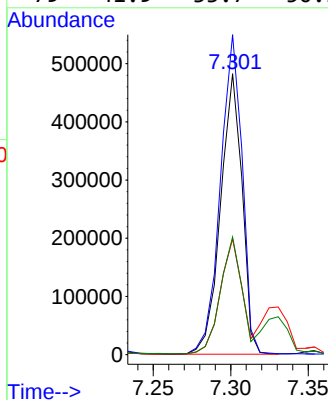
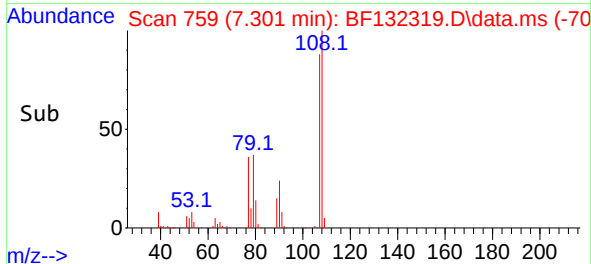
Tgt Ion:107 Resp: 464824
Ion Ratio Lower Upper
107 100
108 113.9 91.8 137.6
77 41.2 34.2 51.2
79 41.9 33.7 50.5

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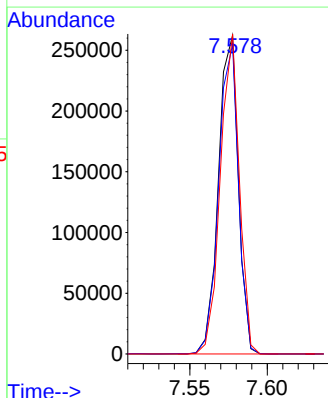
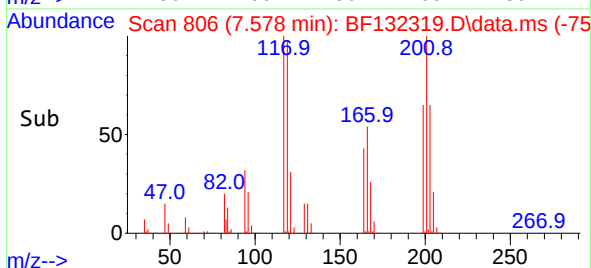
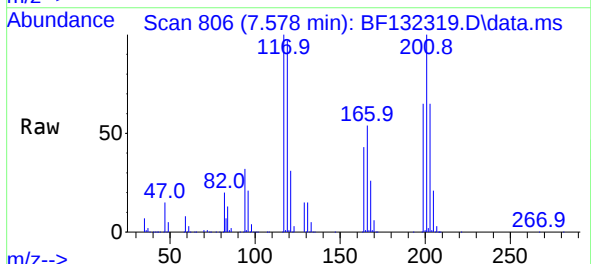
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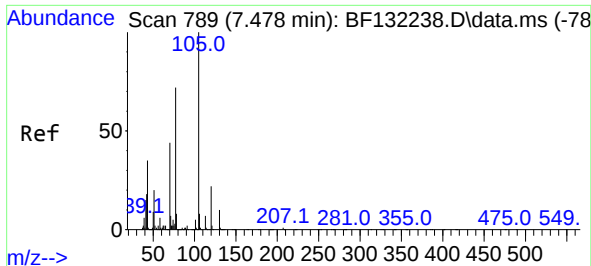
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#18
Hexachloroethane
Concen: 43.354 ng
RT: 7.578 min Scan# 806
Delta R.T. -0.000 min
Lab File: BF132319.D
Acq: 03 Feb 2023 13:26

Tgt Ion:117 Resp: 233980
Ion Ratio Lower Upper
117 100
119 97.2 76.7 115.1
201 100.4 76.6 114.8





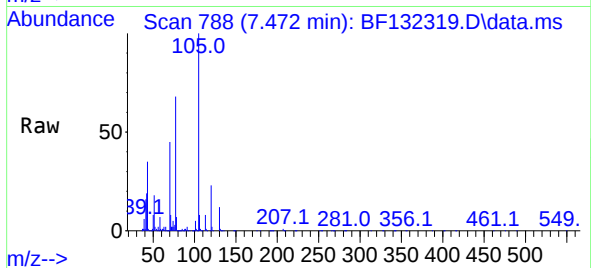
#19
n-Nitroso-di-n-propylamine
Concen: 34.767 ng
RT: 7.472 min Scan# 789
Delta R.T. -0.000 min
Lab File: BF132319.D
Acq: 03 Feb 2023 13:26

Instrument :

BNA_F

ClientSampleId :

PB150501BS



Tgt Ion: 70 Resp: 320330
Ion Ratio Lower Upper
70 100
42 41.1 33.4 50.0
101 11.6 8.2 12.4
130 26.0 18.4 27.6

Manual Integrations

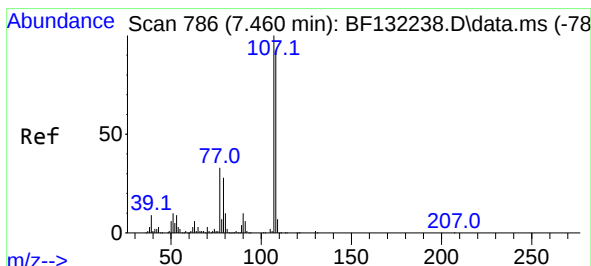
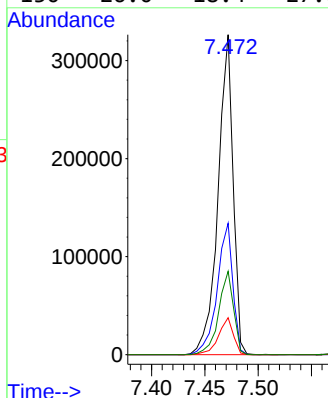
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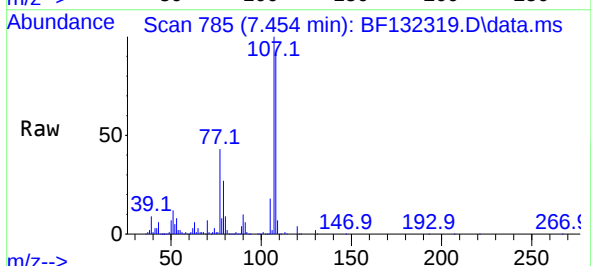
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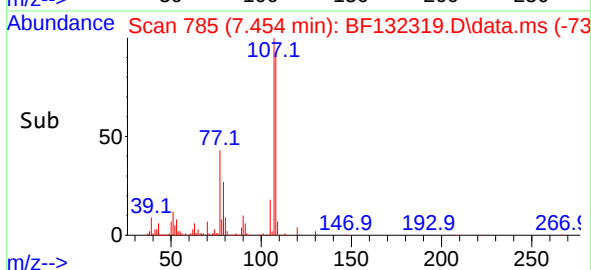
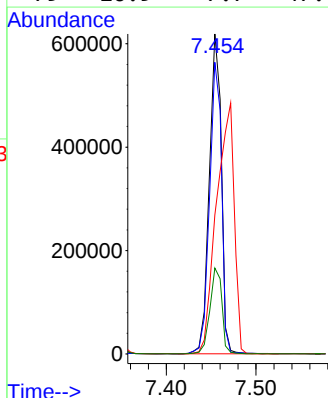
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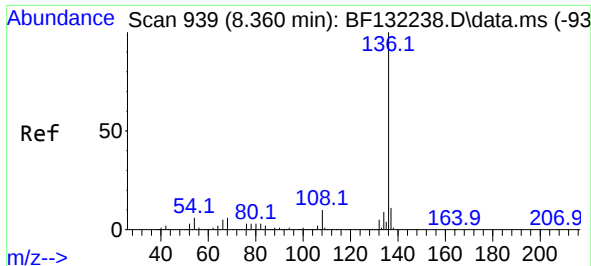


#20
3+4-Methylphenols
Concen: 37.846 ng
RT: 7.454 min Scan# 785
Delta R.T. -0.000 min
Lab File: BF132319.D
Acq: 03 Feb 2023 13:26



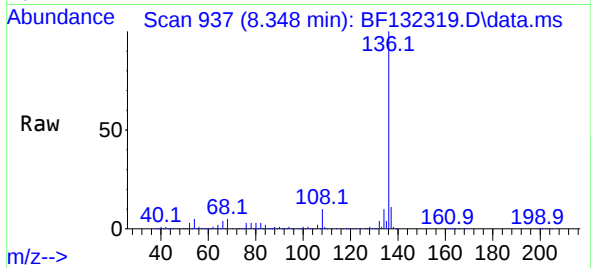
Tgt Ion:107 Resp: 576184
Ion Ratio Lower Upper
107 100
108 91.2 71.6 111.6
77 43.4 13.4 53.4
79 26.9 7.7 47.7





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.348 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF132319.D
Acq: 03 Feb 2023 13:26

Instrument :
BNA_F
ClientSampleId :
PB150501BS



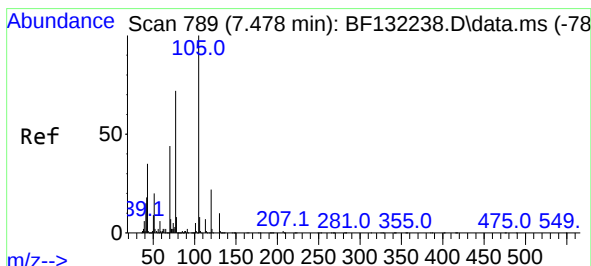
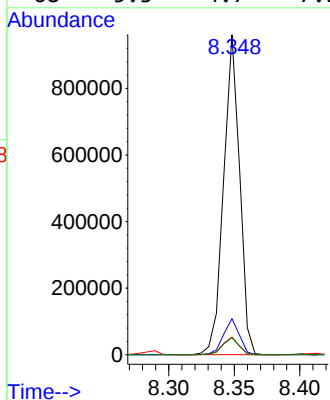
Tgt Ion:136 Resp: 815264
Ion Ratio Lower Upper
136 100
137 11.2 8.8 13.2
54 5.5 4.9 7.3
68 5.3 4.7 7.1

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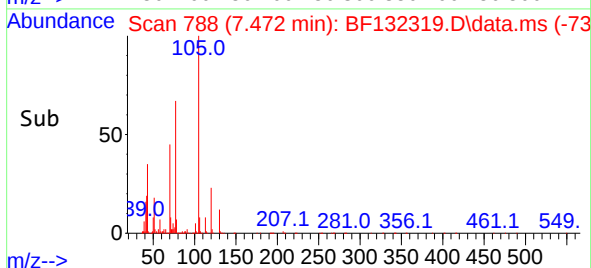
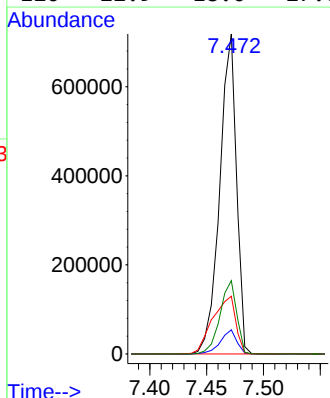
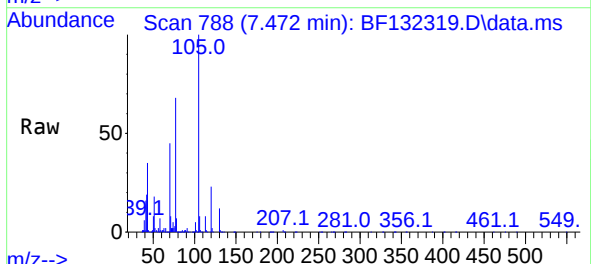
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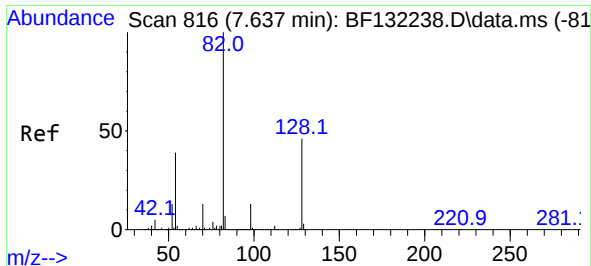
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#22
Acetophenone
Concen: 38.555 ng
RT: 7.472 min Scan# 788
Delta R.T. -0.000 min
Lab File: BF132319.D
Acq: 03 Feb 2023 13:26

Tgt Ion:105 Resp: 739201
Ion Ratio Lower Upper
105 100
71 7.5 5.8 8.6
51 18.1 16.2 24.2
120 22.9 18.0 27.0





#23
Nitrobenzene-d5
Concen: 75.387 ng
RT: 7.625 min Scan# 814
Delta R.T. -0.006 min
Lab File: BF132319.D
Acq: 03 Feb 2023 13:26

Instrument :

BNA_F

ClientSampleId :

PB150501BS

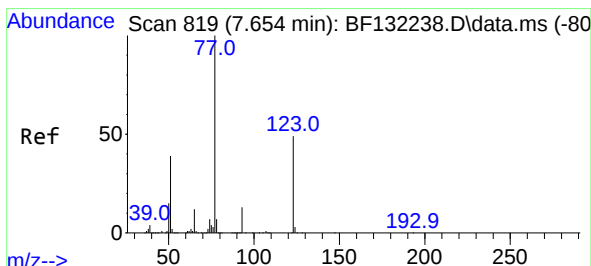
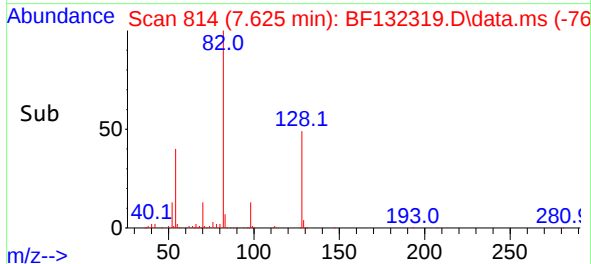
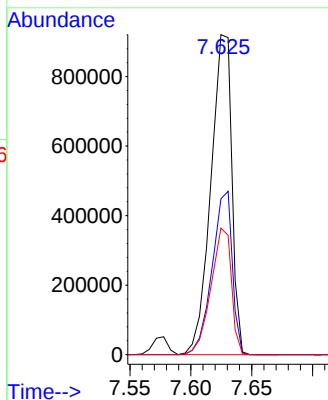
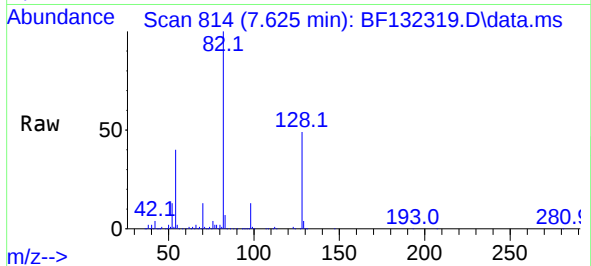
Tgt Ion: 82 Resp: 110445
Ion Ratio Lower Upper
82 100
128 48.7 37.0 55.4
54 39.6 31.5 47.3

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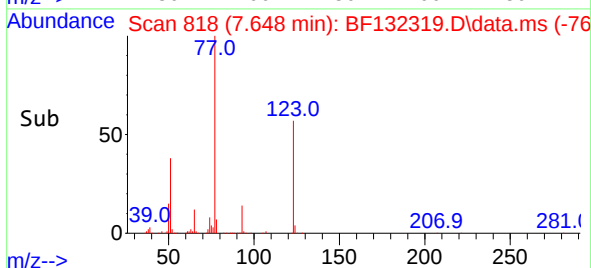
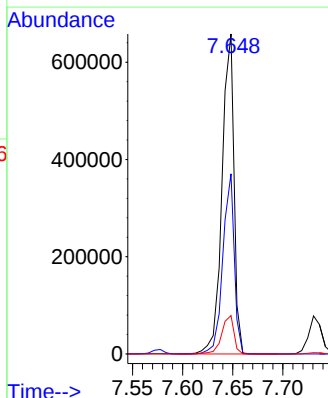
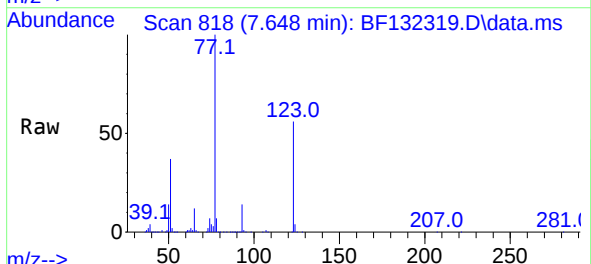
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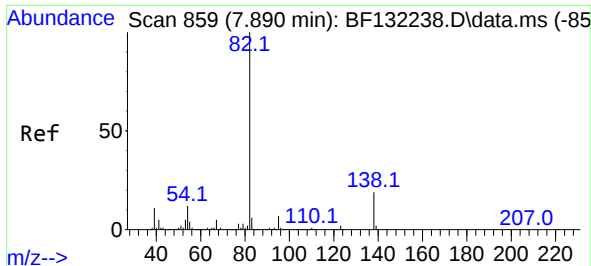
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#24
Nitrobenzene
Concen: 36.415 ng
RT: 7.648 min Scan# 818
Delta R.T. -0.000 min
Lab File: BF132319.D
Acq: 03 Feb 2023 13:26

Tgt Ion: 77 Resp: 545030
Ion Ratio Lower Upper
77 100
123 56.3 39.5 59.3
65 12.0 9.8 14.8





#25
Isophorone
Concen: 37.823 ng
RT: 7.883 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF132319.D
Acq: 03 Feb 2023 13:26

Instrument :

BNA_F

ClientSampleId :

PB150501BS

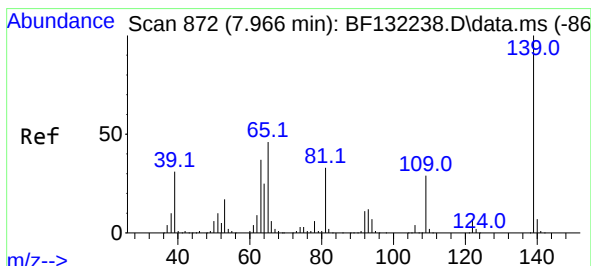
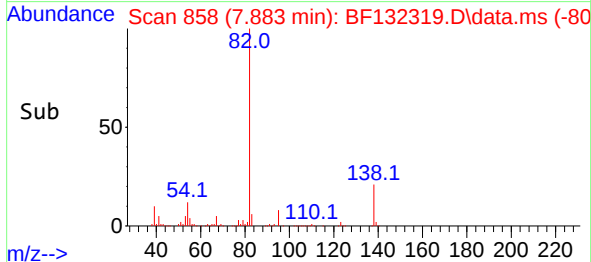
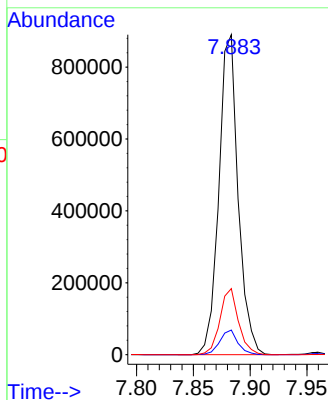
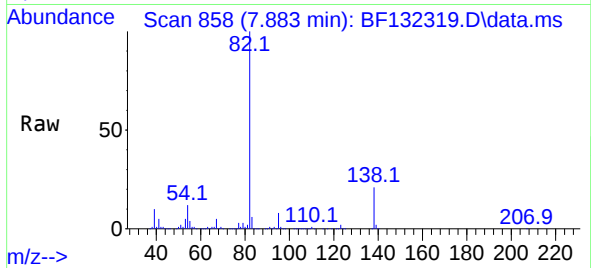
Tgt Ion: 82 Resp: 1051739
Ion Ratio Lower Upper
82 100
95 7.7 5.6 8.4
138 20.7 15.0 22.6

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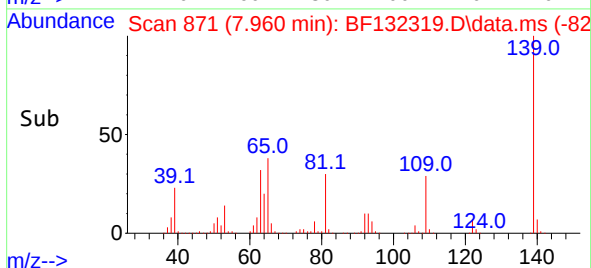
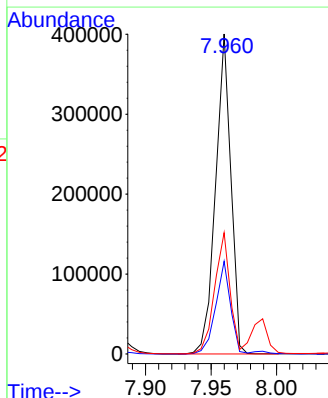
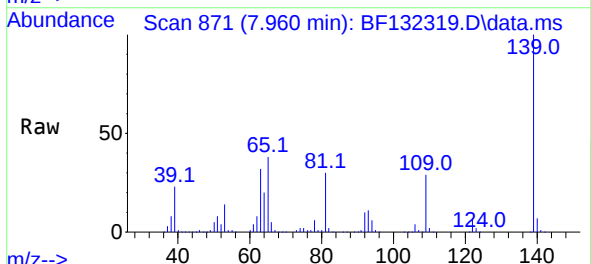
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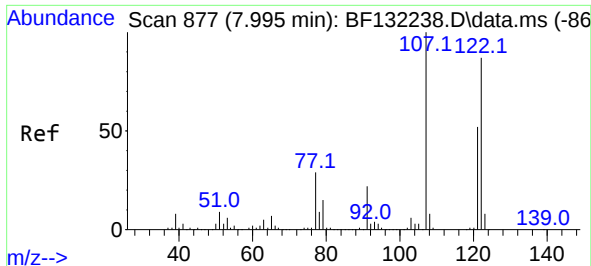
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#26
2-Nitrophenol
Concen: 44.472 ng
RT: 7.960 min Scan# 871
Delta R.T. -0.000 min
Lab File: BF132319.D
Acq: 03 Feb 2023 13:26

Tgt Ion:139 Resp: 324221
Ion Ratio Lower Upper
139 100
109 29.0 23.0 34.6
65 37.9 36.6 55.0





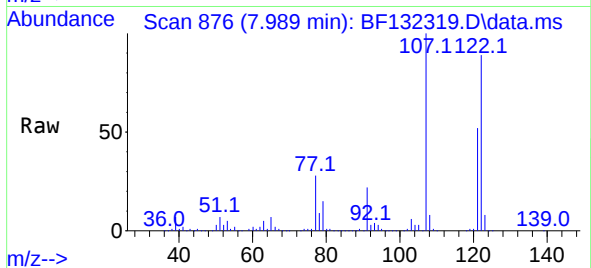
#27
2,4-Dimethylphenol
Concen: 41.288 ng
RT: 7.989 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF132319.D
Acq: 03 Feb 2023 13:26

Instrument :

BNA_F

ClientSampleId :

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Tgt Ion:122 Resp: 526862
Ion Ratio Lower Upper
122 100
107 112.8 91.9 137.9
121 58.5 47.8 71.8

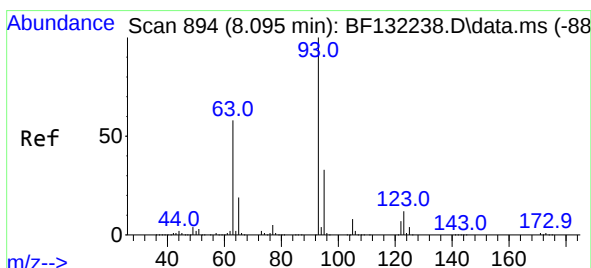
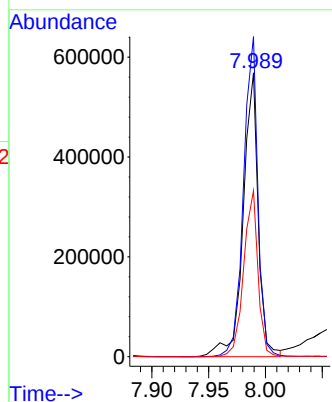
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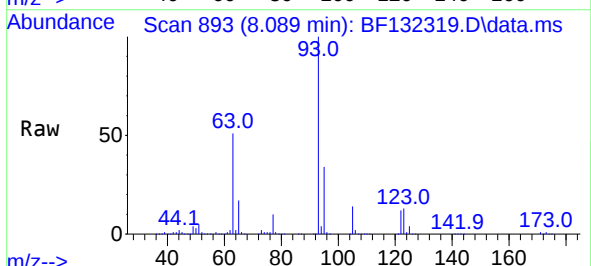
Reviewed By :Christian Giraldo 02/06/2023
Supervised By :Jagrut Upadhyay 02/06/2023

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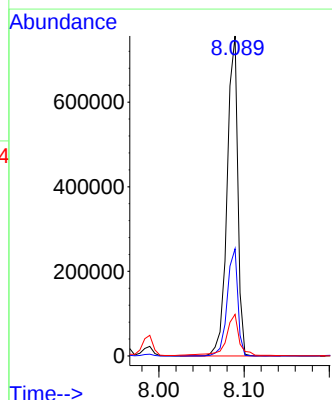
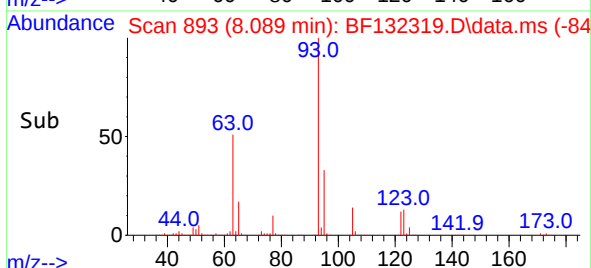
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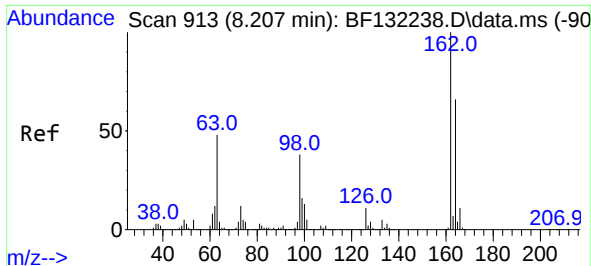


#28
bis(2-Chloroethoxy)methane
Concen: 38.425 ng
RT: 8.089 min Scan# 893
Delta R.T. -0.000 min
Lab File: BF132319.D
Acq: 03 Feb 2023 13:26



Tgt Ion: 93 Resp: 656614
Ion Ratio Lower Upper
93 100
95 33.5 26.6 40.0
123 13.0 9.5 14.3





#29
2,4-Dichlorophenol
Concen: 42.415 ng
RT: 8.201 min Scan# 913
Delta R.T. -0.000 min
Lab File: BF132319.D
Acq: 03 Feb 2023 13:26

Instrument :

BNA_F

ClientSampleId :

PB150501BS

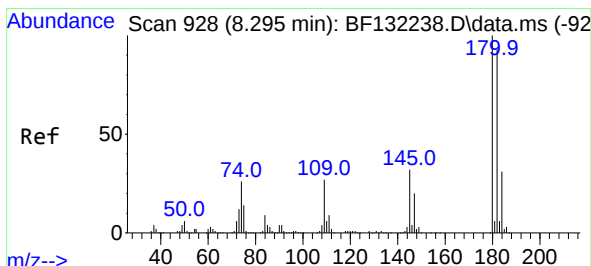
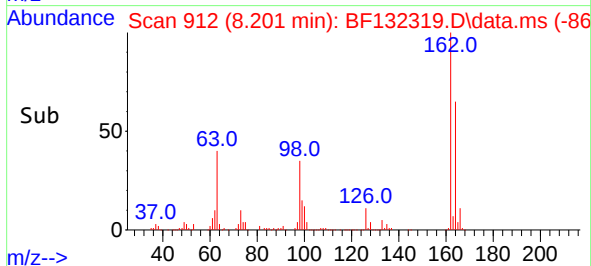
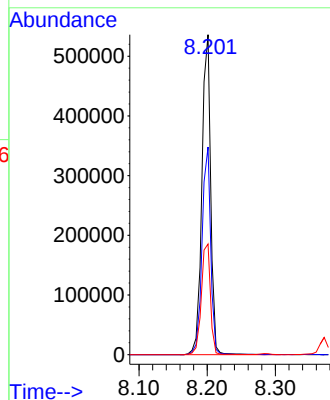
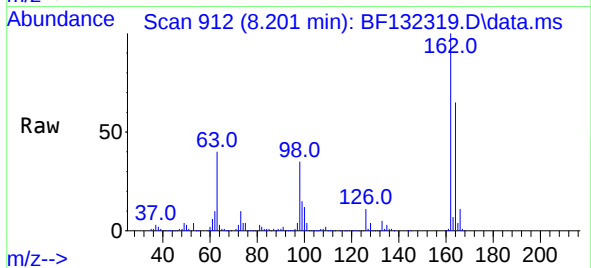
Tgt Ion:162 Resp: 48053
Ion Ratio Lower Upper
162 100
164 64.9 46.4 86.4
98 34.6 17.8 57.8

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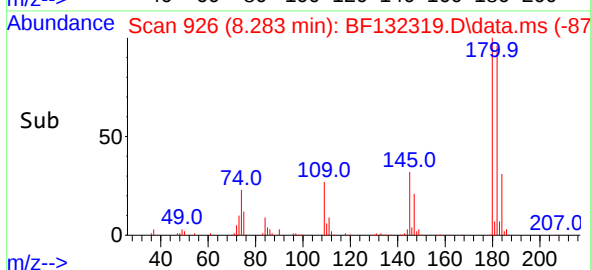
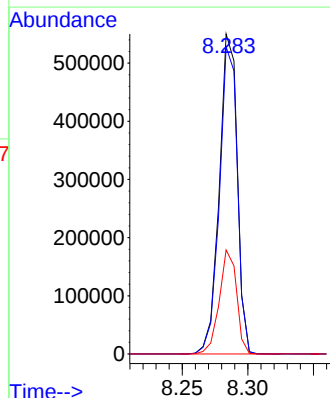
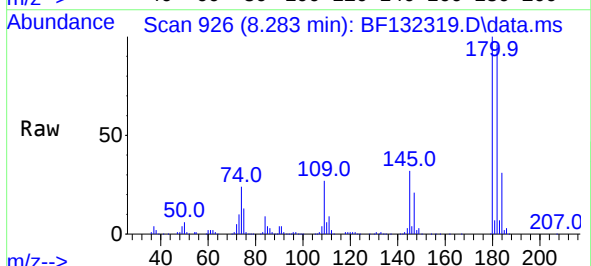
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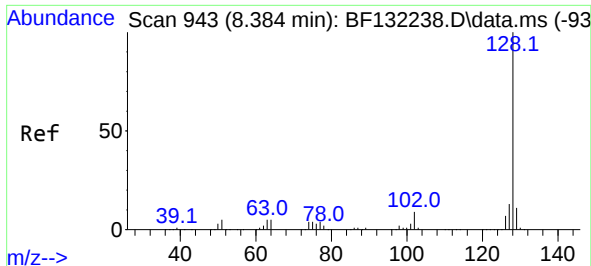
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#30
1,2,4-Trichlorobenzene
Concen: 43.079 ng
RT: 8.283 min Scan# 926
Delta R.T. -0.006 min
Lab File: BF132319.D
Acq: 03 Feb 2023 13:26

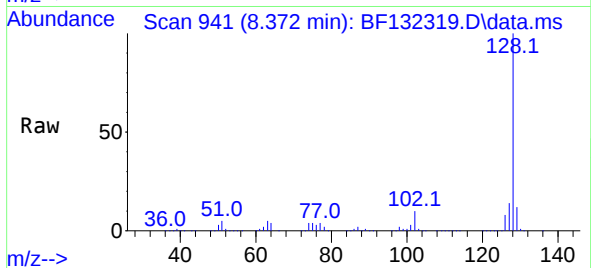
Tgt Ion:180 Resp: 522636
Ion Ratio Lower Upper
180 100
182 96.0 74.6 112.0
145 32.5 25.3 37.9





#31
Naphthalene
Concen: 39.090 ng
RT: 8.372 min Scan# 941
Delta R.T. -0.000 min
Lab File: BF132319.D
Acq: 03 Feb 2023 13:26

Instrument :
BNA_F
ClientSampleId :
PB150501BS



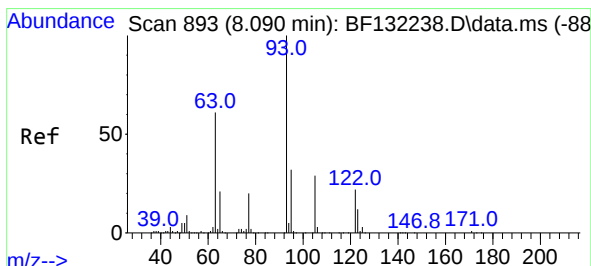
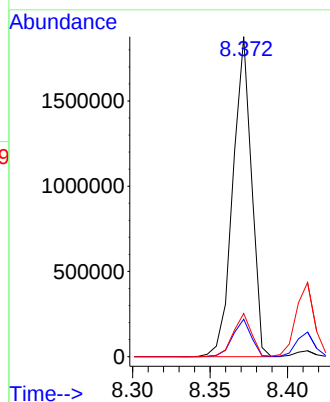
Tgt Ion:128 Resp: 1568689
Ion Ratio Lower Upper
128 100
129 11.7 9.0 13.4
127 13.5 10.5 15.7

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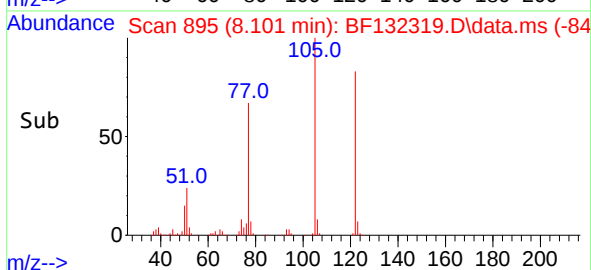
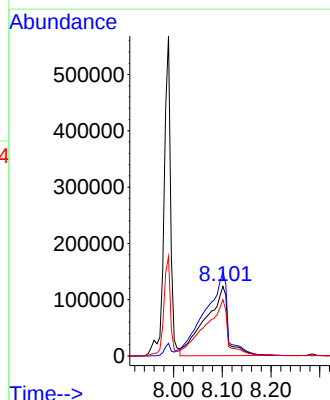
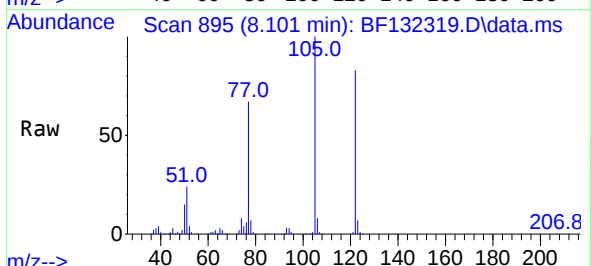
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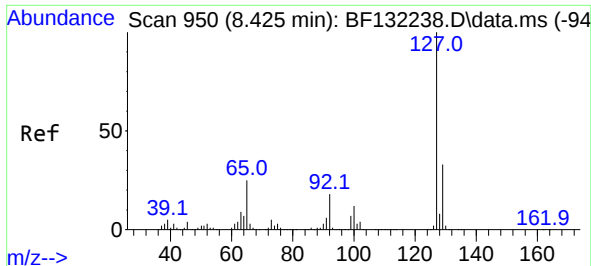
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#32
Benzoic acid
Concen: 42.384 ng
RT: 8.101 min Scan# 895
Delta R.T. -0.000 min
Lab File: BF132319.D
Acq: 03 Feb 2023 13:26

Tgt Ion:122 Resp: 400344
Ion Ratio Lower Upper
122 100
105 120.1 106.3 146.3
77 80.8 70.6 110.6





#33
4-Chloroaniline
Concen: 20.541 ng
RT: 8.413 min Scan# 94
Delta R.T. -0.000 min
Lab File: BF132319.D
Acq: 03 Feb 2023 13:26

Instrument :

BNA_F

ClientSampleId :

PB150501BS

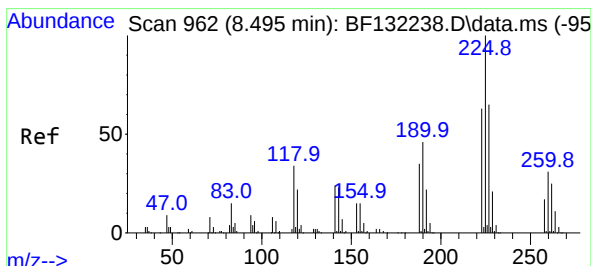
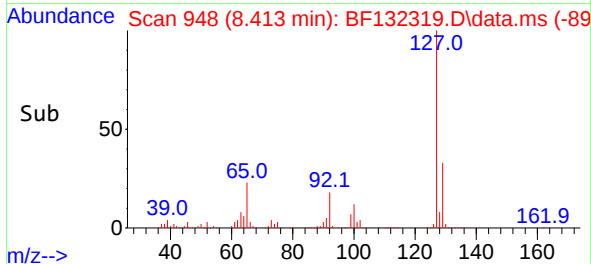
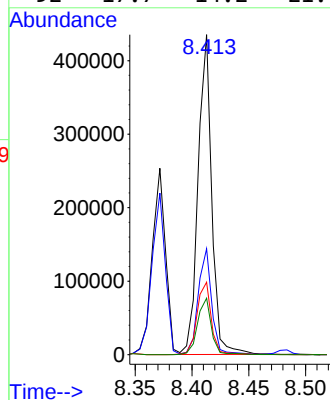
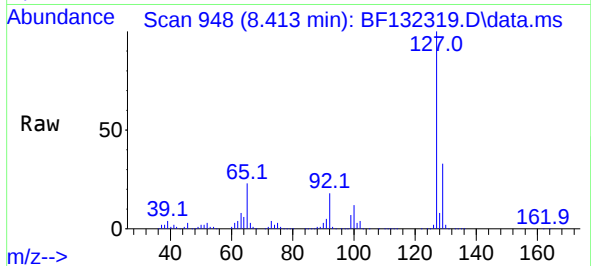
Tgt Ion:127 Resp: 36552
Ion Ratio Lower Upper
127 100
129 33.1 26.6 39.8
65 22.6 20.2 30.2
92 17.7 14.2 21.4

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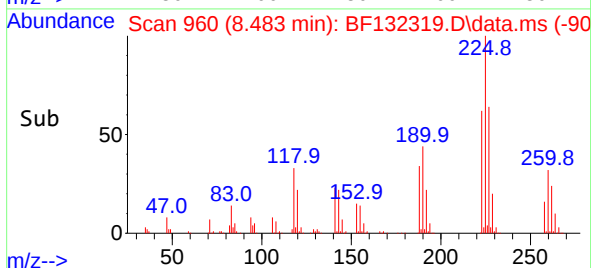
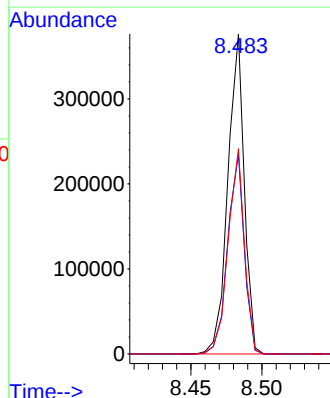
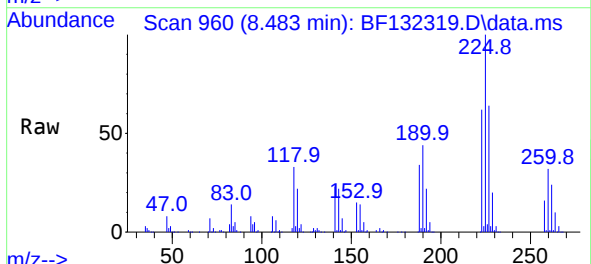
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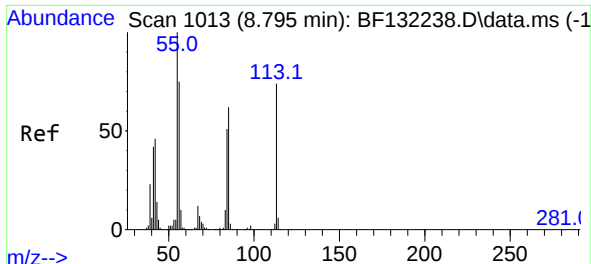
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#34
Hexachlorobutadiene
Concen: 44.285 ng
RT: 8.483 min Scan# 960
Delta R.T. -0.000 min
Lab File: BF132319.D
Acq: 03 Feb 2023 13:26

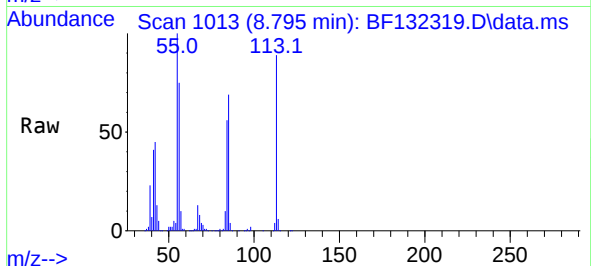
Tgt Ion:225 Resp: 302040
Ion Ratio Lower Upper
225 100
223 62.5 50.6 75.8
227 64.1 51.7 77.5





#35
Caprolactam
Concen: 41.516 ng m
RT: 8.795 min Scan# 1013
Delta R.T. -0.000 min
Lab File: BF132319.D
Acq: 03 Feb 2023 13:26

Instrument :
BNA_F
ClientSampleId :
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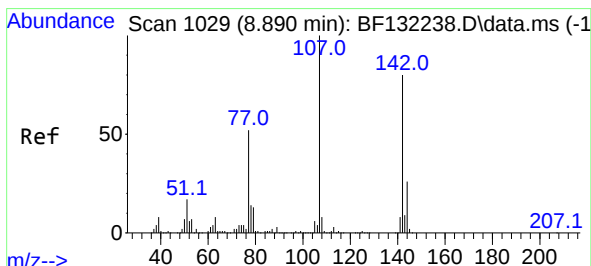
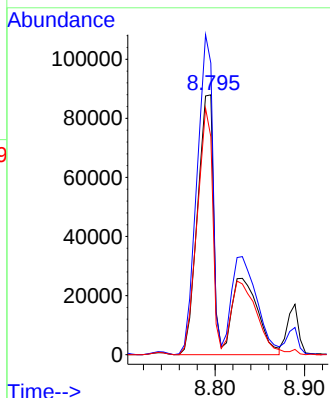
Tgt Ion:113 Resp: 160348
Ion Ratio Lower Upper
113 100
55 112.2 114.7 154.7
56 83.9 81.1 121.1

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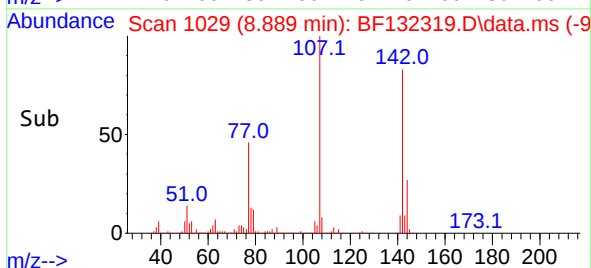
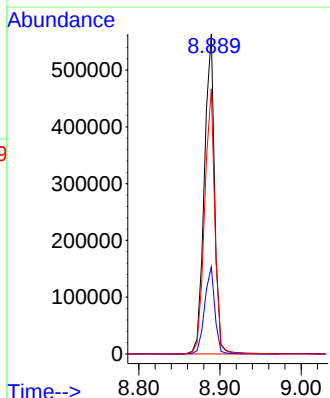
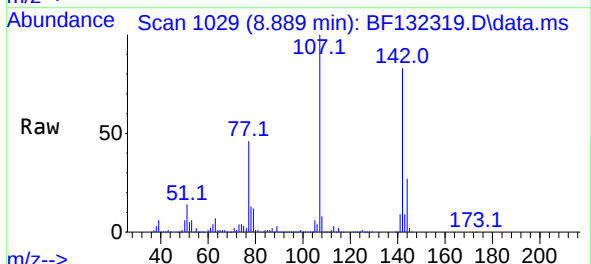
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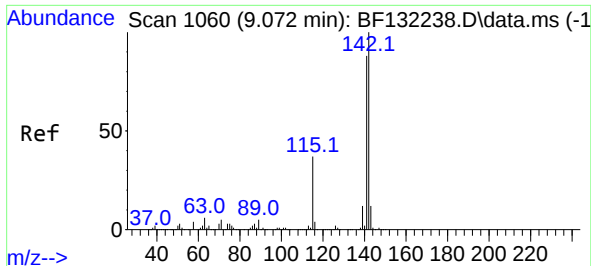
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#36
4-Chloro-3-methylphenol
Concen: 40.485 ng
RT: 8.889 min Scan# 1029
Delta R.T. -0.000 min
Lab File: BF132319.D
Acq: 03 Feb 2023 13:26

Tgt Ion:107 Resp: 494138
Ion Ratio Lower Upper
107 100
144 27.2 20.5 30.7
142 82.9 63.6 95.4





#37
2-Methylnaphthalene
Concen: 38.246 ng
RT: 9.066 min Scan# 1059
Delta R.T. -0.000 min
Lab File: BF132319.D
Acq: 03 Feb 2023 13:26

Instrument :

BNA_F

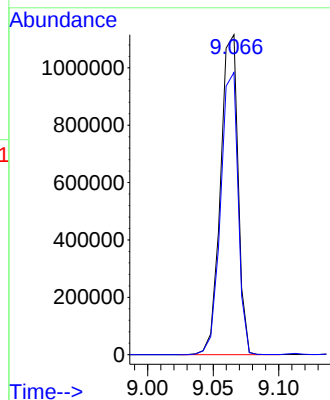
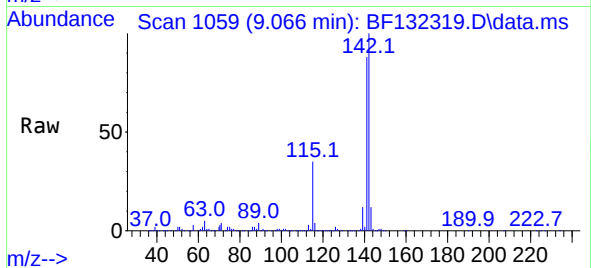
ClientSampleId :

PB150501BS

Tgt Ion:142 Resp: 103960
Ion Ratio Lower Upper
142 100
141 88.2 70.1 105.1

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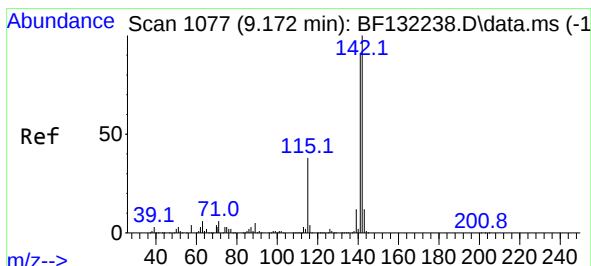
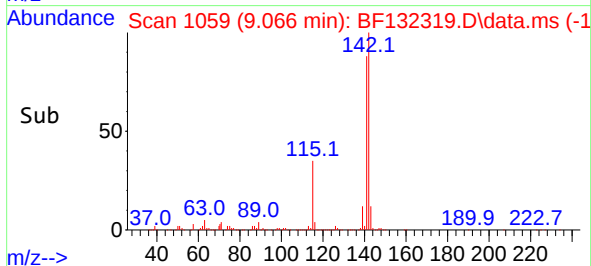
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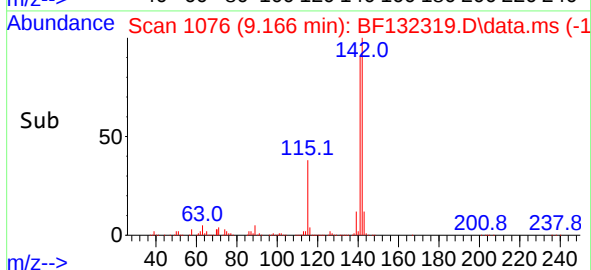
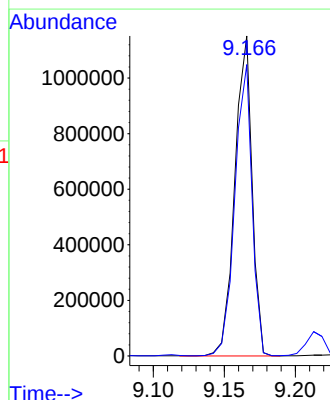
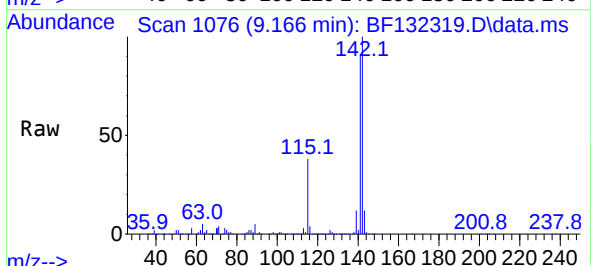
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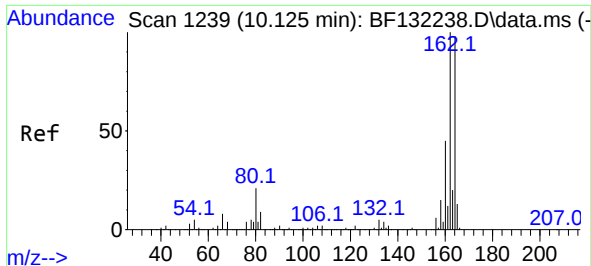
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#38
1-Methylnaphthalene
Concen: 38.615 ng
RT: 9.166 min Scan# 1076
Delta R.T. -0.000 min
Lab File: BF132319.D
Acq: 03 Feb 2023 13:26

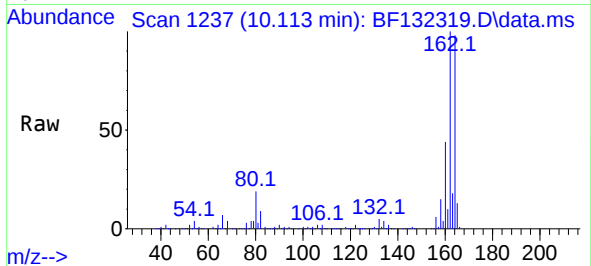
Tgt Ion:142 Resp: 975454
Ion Ratio Lower Upper
142 100
141 91.1 72.6 108.8





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.113 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF132319.D
Acq: 03 Feb 2023 13:26

Instrument :
BNA_F
ClientSampleId :
PB150501BS



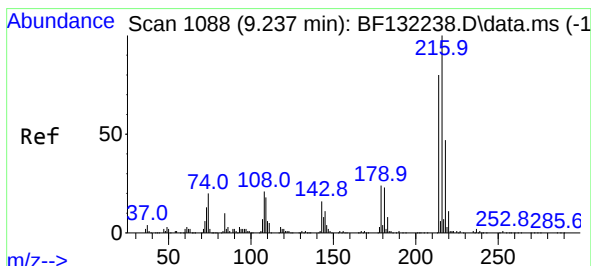
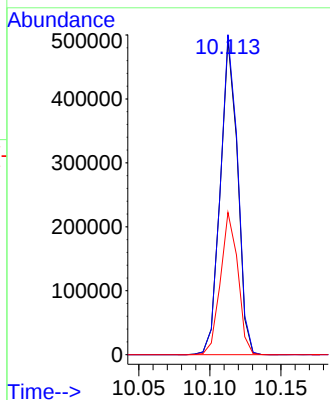
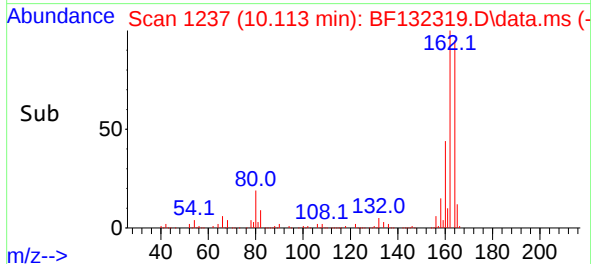
Tgt Ion:164 Resp: 41564
Ion Ratio Lower Upper
164 100
162 101.7 82.0 123.0
160 45.2 37.1 55.7

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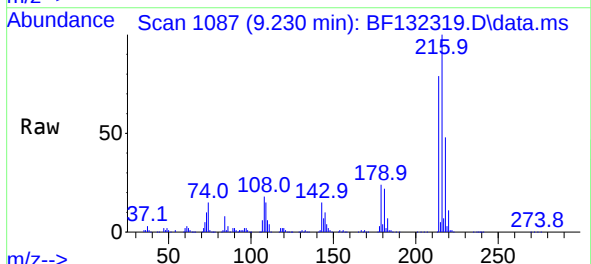
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Supervised By :Jagrut Upadhyay 02/06/2023

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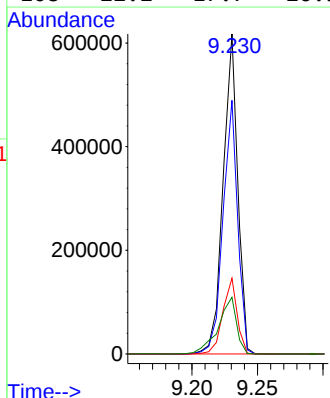
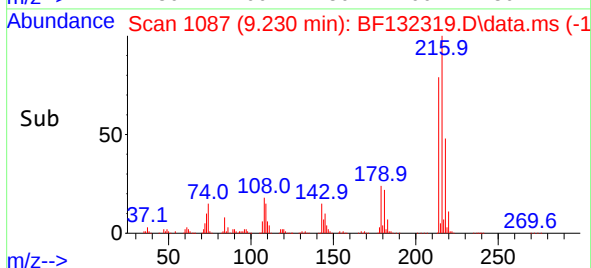
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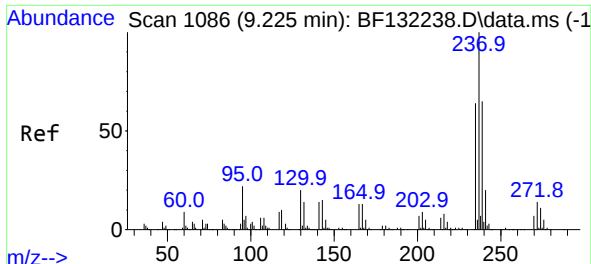


#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.888 ng
RT: 9.230 min Scan# 1087
Delta R.T. -0.000 min
Lab File: BF132319.D
Acq: 03 Feb 2023 13:26



Tgt Ion:216 Resp: 478250
Ion Ratio Lower Upper
216 100
214 79.2 63.6 95.4
179 23.2 18.3 27.5
108 22.2 17.7 26.5





#41
Hexachlorocyclopentadiene
Concen: 86.814 ng
RT: 9.213 min Scan# 1084
Delta R.T. -0.000 min
Lab File: BF132319.D
Acq: 03 Feb 2023 13:26

Instrument :

BNA_F

ClientSampleId :

PB150501BS

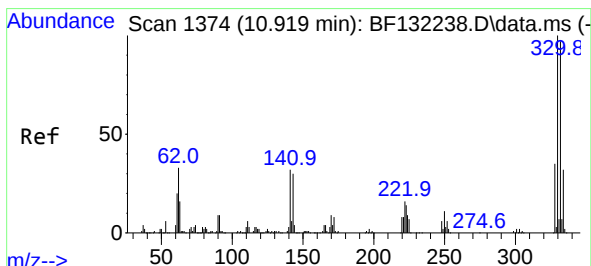
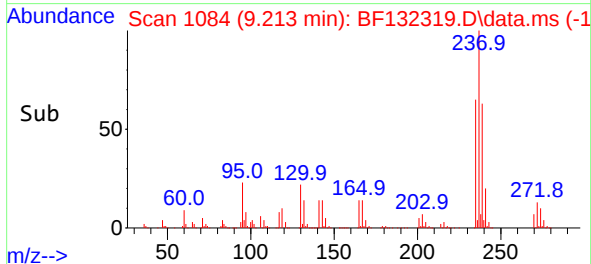
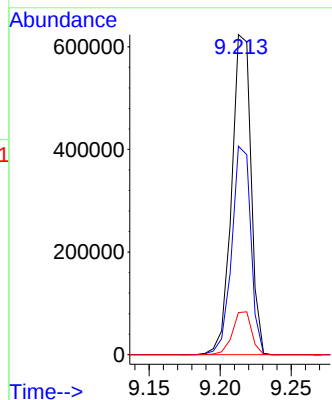
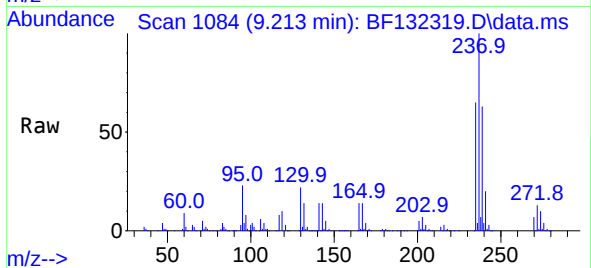
Tgt Ion:237 Resp: 592435
Ion Ratio Lower Upper
237 100
235 65.1 43.5 83.5
272 13.1 0.0 33.6

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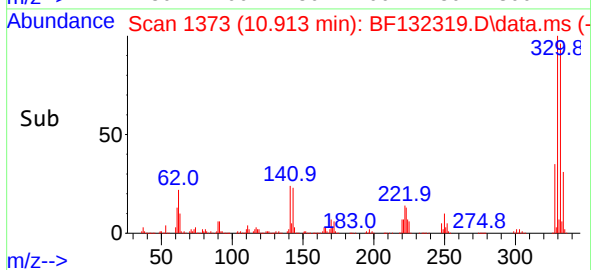
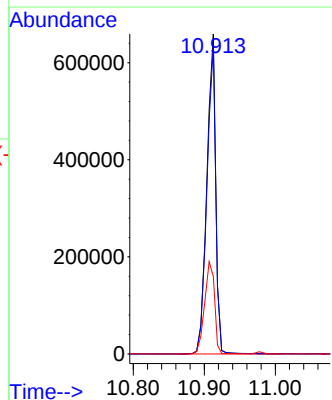
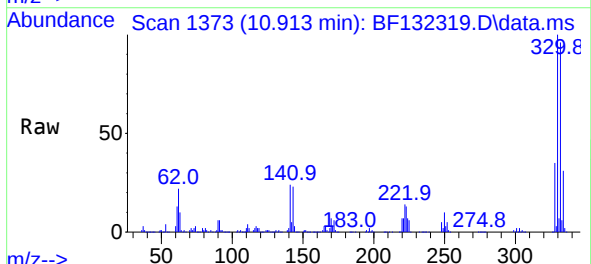
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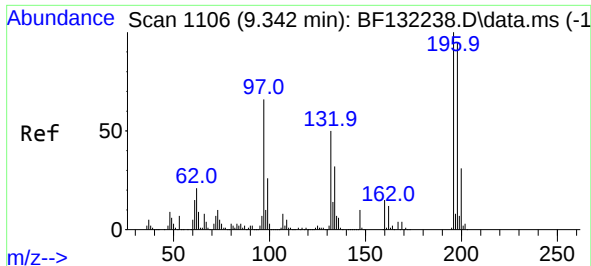
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#42
2,4,6-Tribromophenol
Concen: 134.295 ng
RT: 10.913 min Scan# 1373
Delta R.T. 0.006 min
Lab File: BF132319.D
Acq: 03 Feb 2023 13:26

Tgt Ion:330 Resp: 574019
Ion Ratio Lower Upper
330 100
332 96.2 77.9 116.9
141 32.3 31.0 46.4





#43

2,4,6-Trichlorophenol

Concen: 42.319 ng

RT: 9.336 min Scan# 1105

Delta R.T. -0.000 min

Lab File: BF132319.D

Acq: 03 Feb 2023 13:26

Instrument :

BNA_F

ClientSampleId :

PB150501BS

Tgt Ion:196 Resp: 353830

Ion Ratio Lower Upper

196 100

198 94.0 75.9 113.9

200 30.0 24.7 37.1

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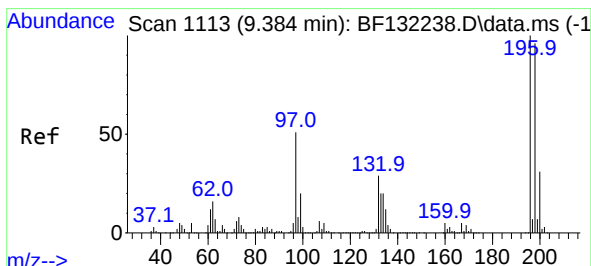
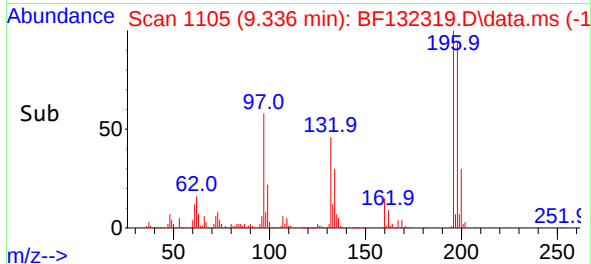
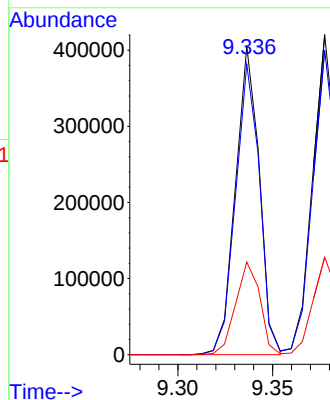
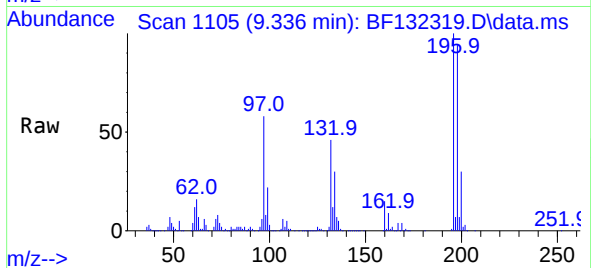
Reviewed By :Christian Giraldo 02/06/2023

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Upadhyay

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#44

2,4,5-Trichlorophenol

Concen: 39.524 ng

RT: 9.377 min Scan# 1112

Delta R.T. -0.000 min

Lab File: BF132319.D

Acq: 03 Feb 2023 13:26

Tgt Ion:196 Resp: 380363

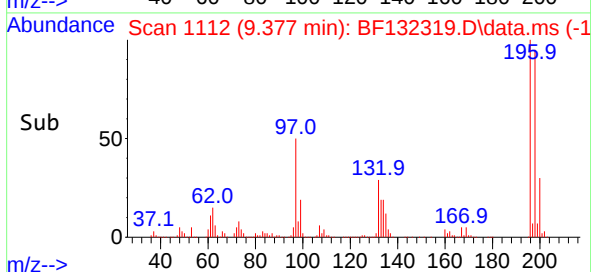
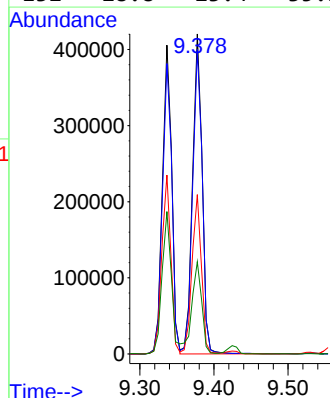
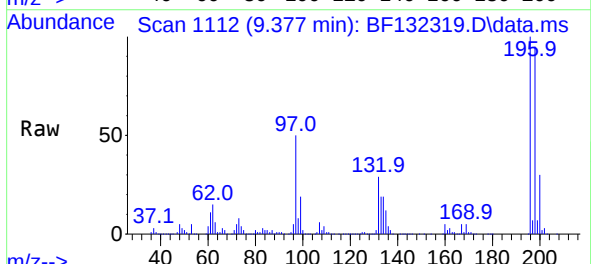
Ion Ratio Lower Upper

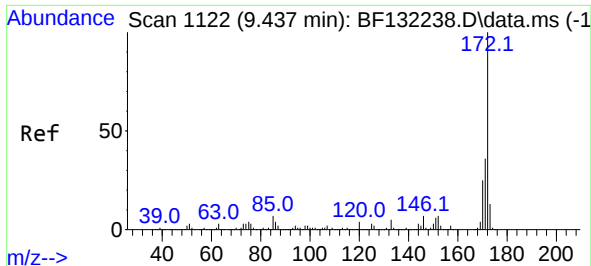
196 100

198 95.2 77.0 115.4

97 49.8 41.2 61.8

132 28.8 23.4 35.2





#45
2-Fluorobiphenyl
Concen: 72.636 ng
RT: 9.425 min Scan# 1122
Delta R.T. -0.000 min
Lab File: BF132319.D
Acq: 03 Feb 2023 13:26

Instrument :

BNA_F

ClientSampleId :

PB150501BS

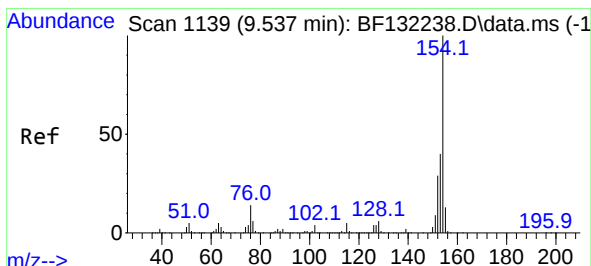
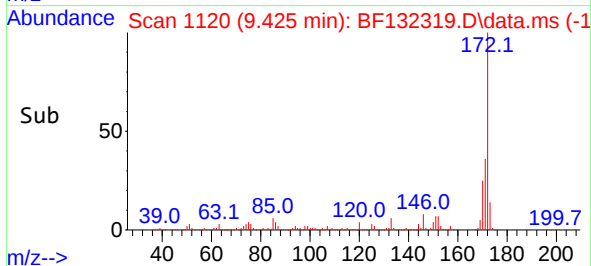
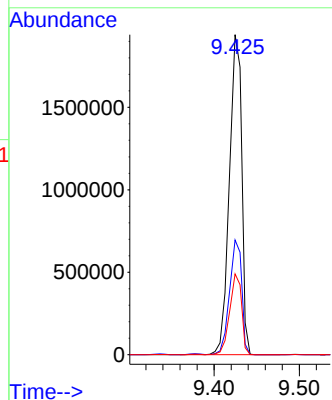
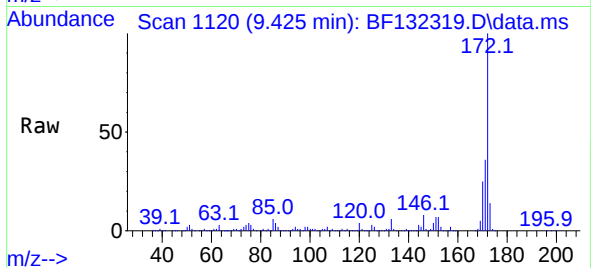
Tgt Ion:172 Resp: 1955035
Ion Ratio Lower Upper
172 100
171 35.9 28.6 43.0
170 25.3 19.7 29.5

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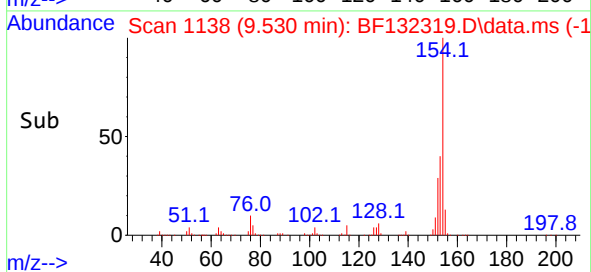
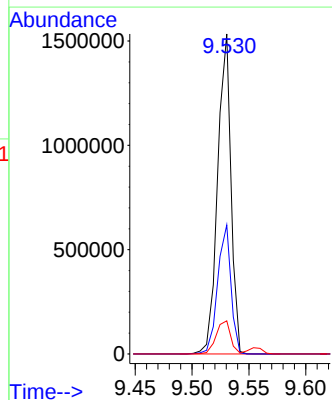
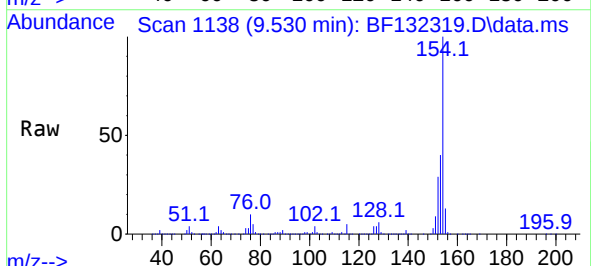
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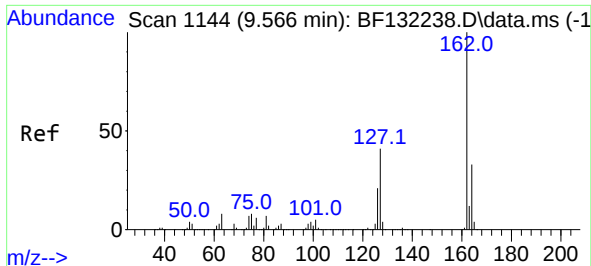
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#46
1,1'-Biphenyl
Concen: 39.104 ng
RT: 9.530 min Scan# 1138
Delta R.T. -0.000 min
Lab File: BF132319.D
Acq: 03 Feb 2023 13:26

Tgt Ion:154 Resp: 1253049
Ion Ratio Lower Upper
154 100
153 40.3 19.9 59.9
76 10.4 0.0 34.0





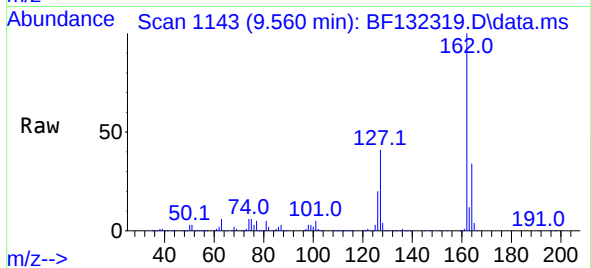
#47
2-Chloronaphthalene
Concen: 39.931 ng
RT: 9.560 min Scan# 1144
Delta R.T. -0.000 min
Lab File: BF132319.D
Acq: 03 Feb 2023 13:26

Instrument :

BNA_F

ClientSampleId :

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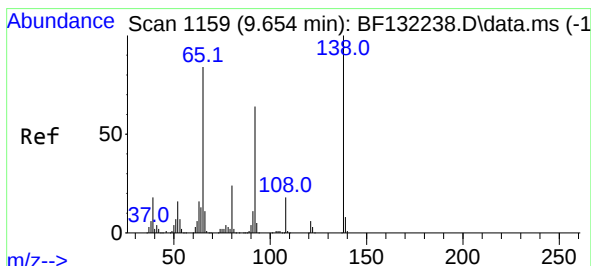
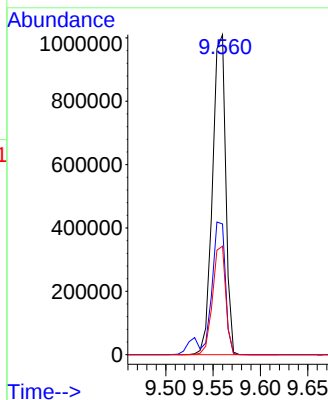
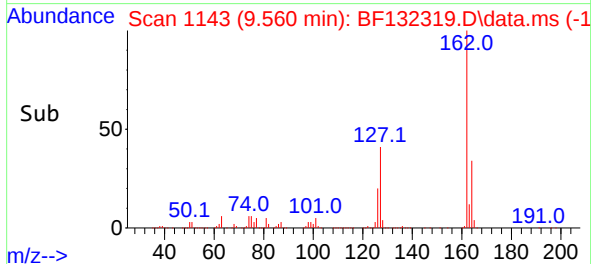
Tgt Ion:162 Resp: 974540
Ion Ratio Lower Upper
162 100
127 40.8 33.3 49.9
164 33.9 26.8 40.2

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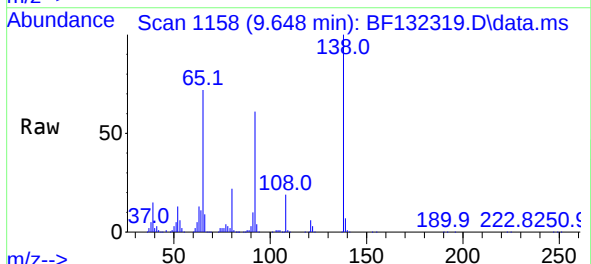
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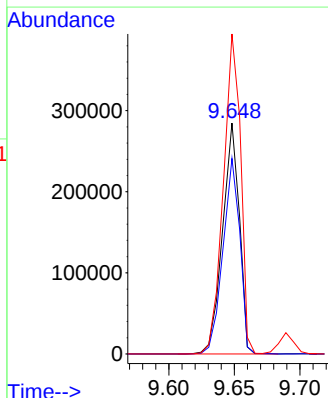
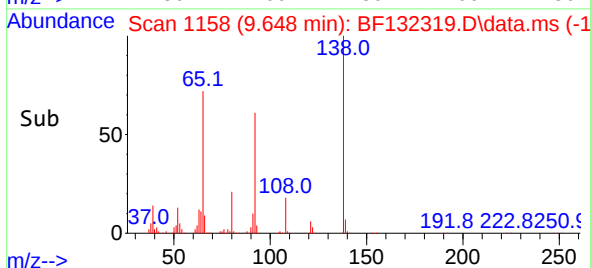
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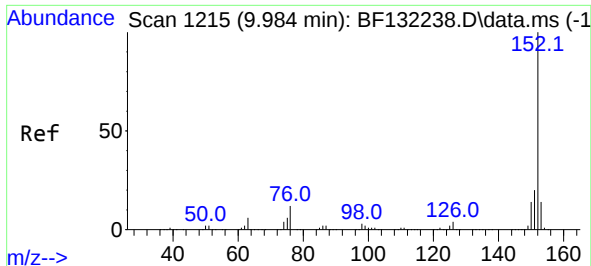


#48
2-Nitroaniline
Concen: 34.926 ng
RT: 9.648 min Scan# 1158
Delta R.T. -0.000 min
Lab File: BF132319.D
Acq: 03 Feb 2023 13:26



Tgt Ion: 65 Resp: 253511
Ion Ratio Lower Upper
65 100
92 84.7 61.0 91.4
138 138.6 95.0 142.4





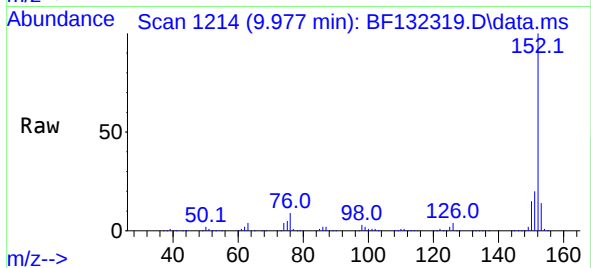
#49
Acenaphthylene
Concen: 38.207 ng
RT: 9.977 min Scan# 1186
Delta R.T. -0.000 min
Lab File: BF132319.D
Acq: 03 Feb 2023 13:26

Instrument :

BNA_F

ClientSampleId :

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Tgt Ion:152 Resp: 1521860
Ion Ratio Lower Upper
152 100
151 20.5 15.9 23.9
153 13.8 10.9 16.3

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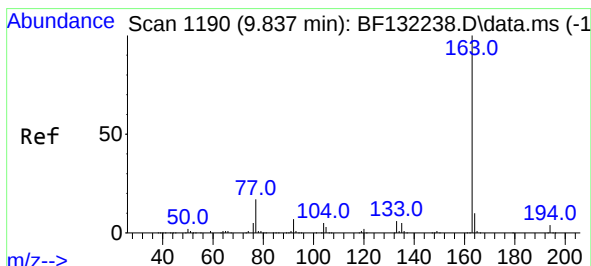
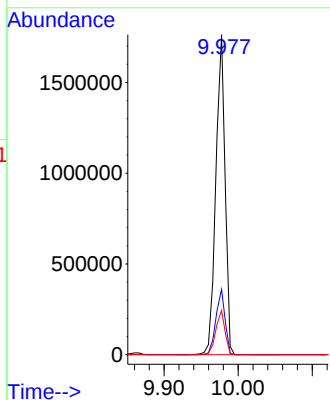
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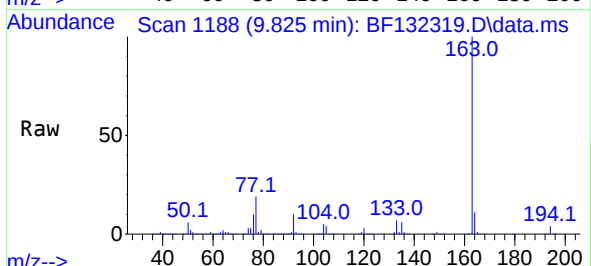
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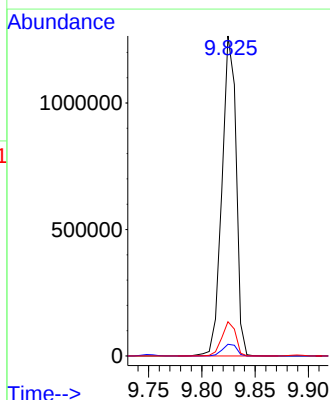
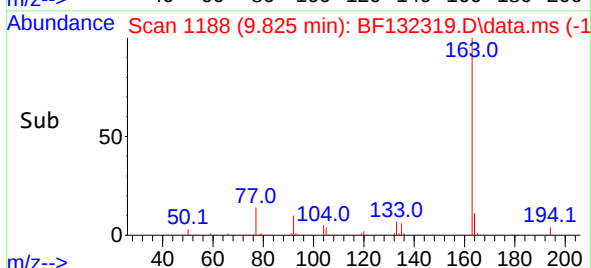
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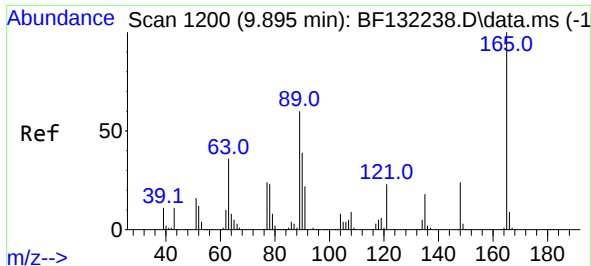


#50
Dimethylphthalate
Concen: 40.049 ng
RT: 9.825 min Scan# 1188
Delta R.T. -0.000 min
Lab File: BF132319.D
Acq: 03 Feb 2023 13:26



Tgt Ion:163 Resp: 1164401
Ion Ratio Lower Upper
163 100
194 3.7 3.0 4.4
164 10.7 7.9 11.9





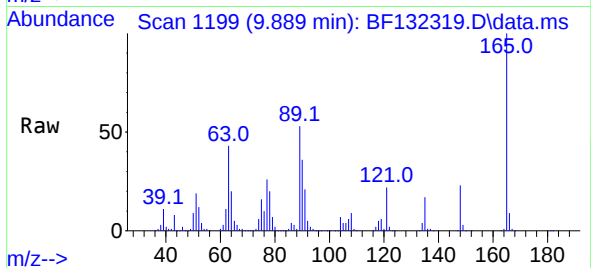
#51
2,6-Dinitrotoluene
Concen: 41.630 ng
RT: 9.889 min Scan# 1199
Delta R.T. -0.000 min
Lab File: BF132319.D
Acq: 03 Feb 2023 13:26

Instrument :

BNA_F

ClientSampleId :

PB150501BS



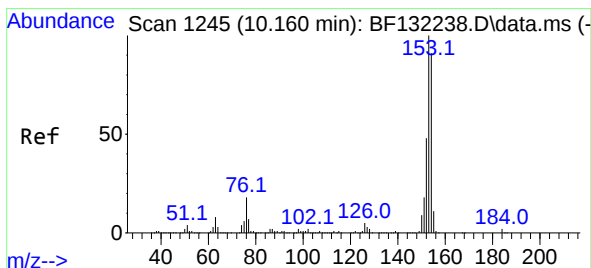
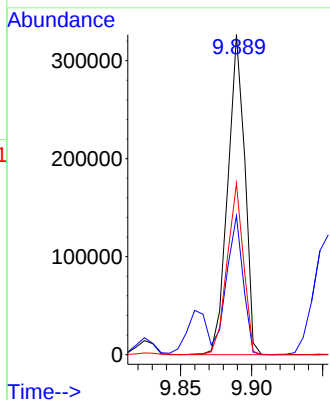
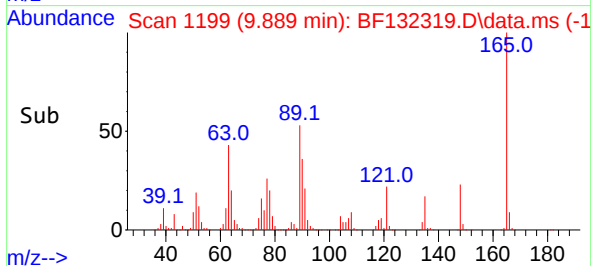
Tgt Ion:165 Resp: 270318
Ion Ratio Lower Upper
165 100
63 43.4 41.5 62.3
89 53.5 48.1 72.1

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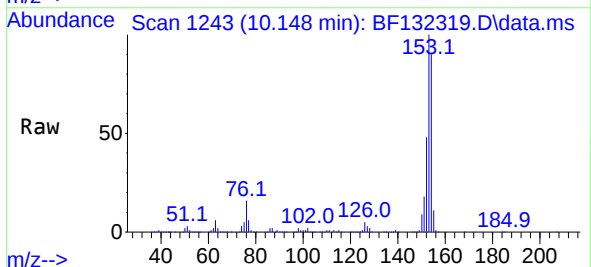
Reviewed By :Christian Giraldo 02/06/2023
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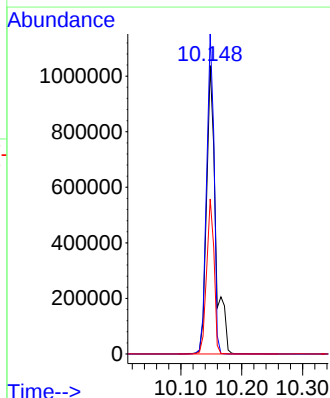
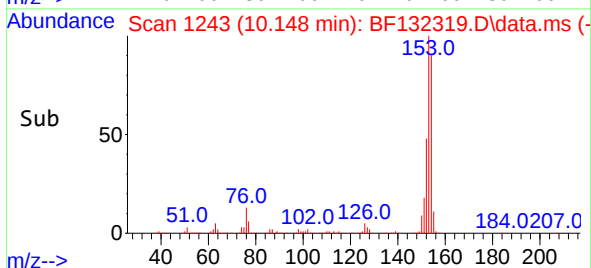
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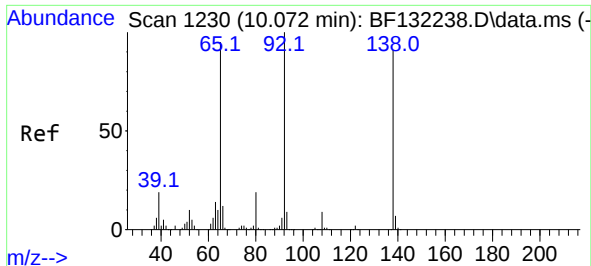


#52
Acenaphthene
Concen: 43.063 ng
RT: 10.148 min Scan# 1243
Delta R.T. -0.000 min
Lab File: BF132319.D
Acq: 03 Feb 2023 13:26



Tgt Ion:154 Resp: 1073875
Ion Ratio Lower Upper
154 100
153 111.0 88.3 132.5
152 53.8 42.7 64.1





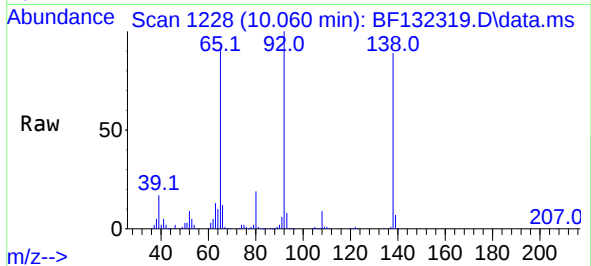
#53
3-Nitroaniline
Concen: 28.874 ng
RT: 10.060 min Scan# 1228
Delta R.T. -0.006 min
Lab File: BF132319.D
Acq: 03 Feb 2023 13:26

Instrument :

BNA_F

ClientSampleId :

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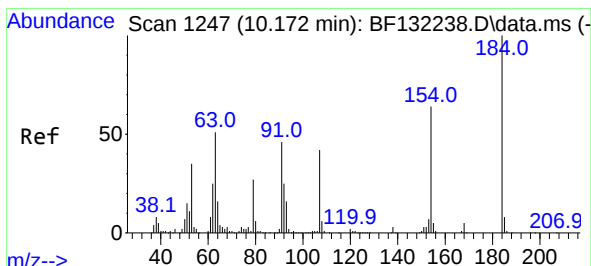
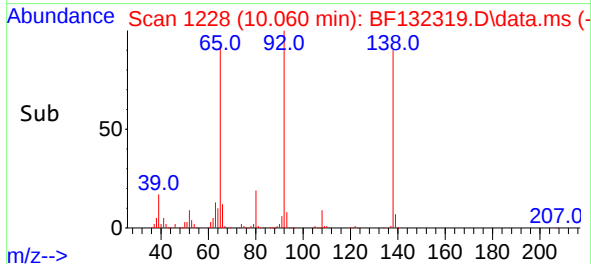
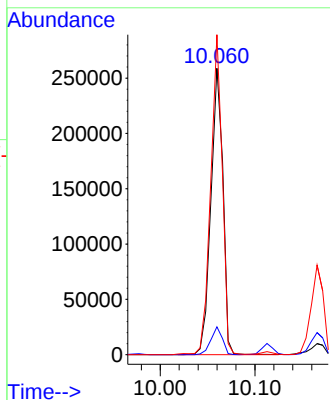
Tgt Ion:138 Resp: 227370
Ion Ratio Lower Upper
138 100
108 9.8 7.6 11.4
92 111.7 88.3 132.5

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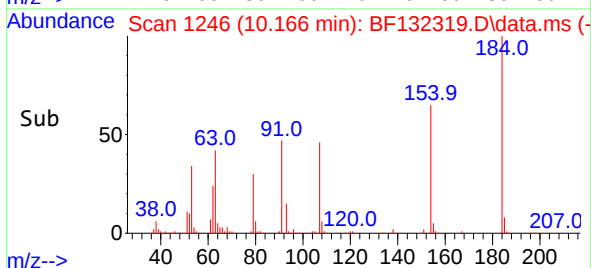
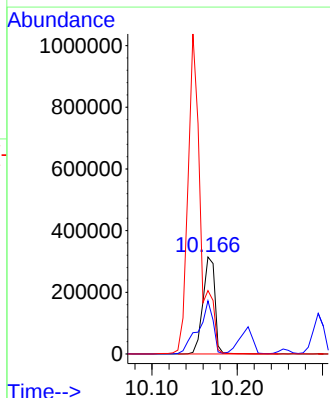
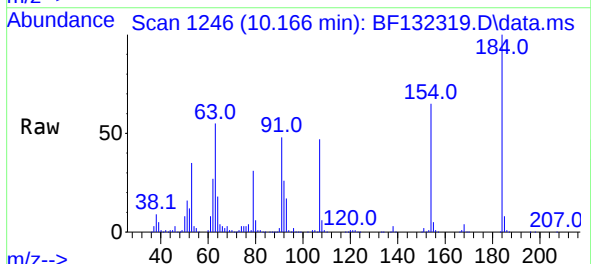
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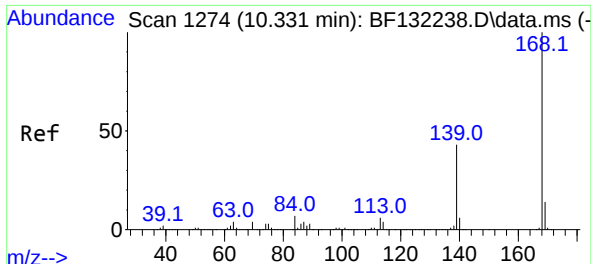
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#54
2,4-Dinitrophenol
Concen: 81.450 ng
RT: 10.166 min Scan# 1246
Delta R.T. -0.000 min
Lab File: BF132319.D
Acq: 03 Feb 2023 13:26

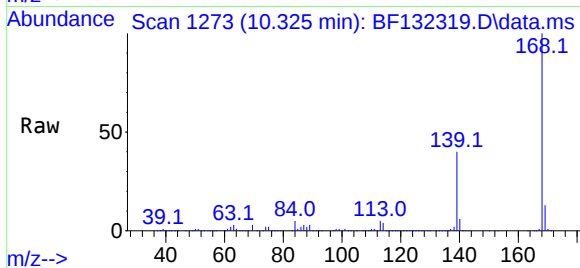
Tgt Ion:184 Resp: 306891
Ion Ratio Lower Upper
184 100
63 54.7 41.6 62.4
154 65.3 57.0 85.6





#55
Dibenzenofuran
Concen: 38.337 ng
RT: 10.325 min Scan# 1273
Delta R.T. 0.006 min
Lab File: BF132319.D
Acq: 03 Feb 2023 13:26

Instrument :
BNA_F
ClientSampleId :
PB150501BS



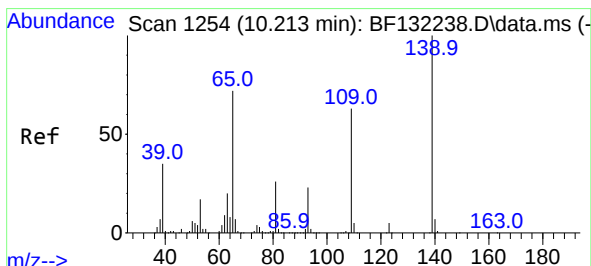
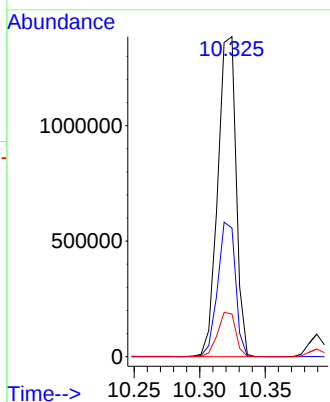
Tgt Ion:168 Resp: 1343264
Ion Ratio Lower Upper
168 100
139 40.2 34.2 51.4
169 13.4 11.2 16.8

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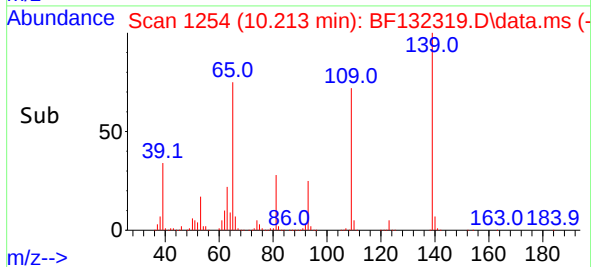
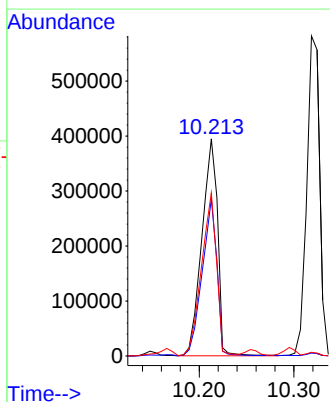
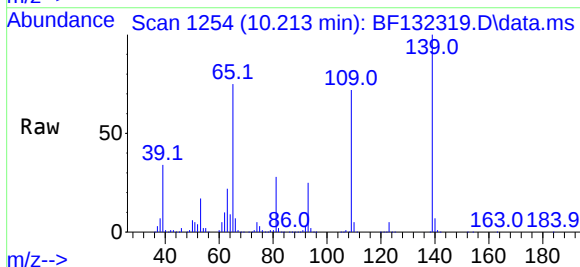
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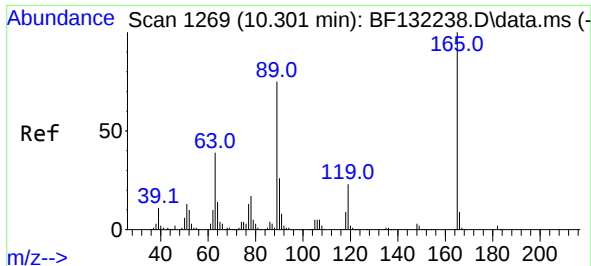
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#56
4-Nitrophenol
Concen: 76.448 ng
RT: 10.213 min Scan# 1254
Delta R.T. 0.006 min
Lab File: BF132319.D
Acq: 03 Feb 2023 13:26

Tgt Ion:139 Resp: 453003
Ion Ratio Lower Upper
139 100
109 72.3 43.3 83.3
65 75.0 52.3 92.3





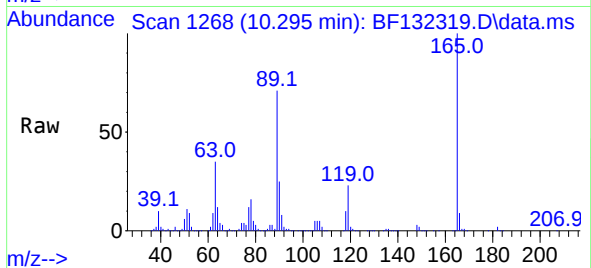
#57
2,4-Dinitrotoluene
Concen: 41.967 ng
RT: 10.295 min Scan# 1268
Delta R.T. -0.000 min
Lab File: BF132319.D
Acq: 03 Feb 2023 13:26

Instrument :

BNA_F

ClientSampleId :

PB150501BS



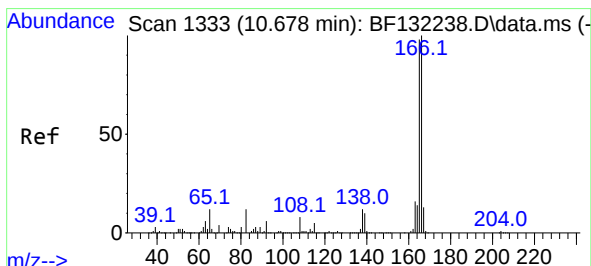
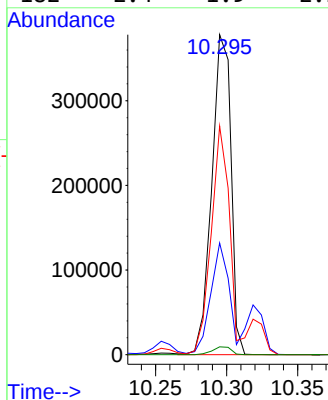
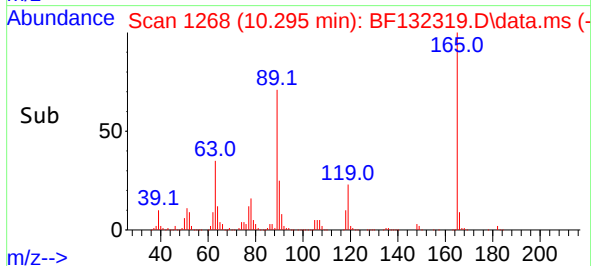
Tgt Ion:165 Resp: 353988
Ion Ratio Lower Upper
165 100
63 34.9 30.9 46.3
89 71.5 60.1 90.1
182 2.4 1.9 2.9

Manual Integrations
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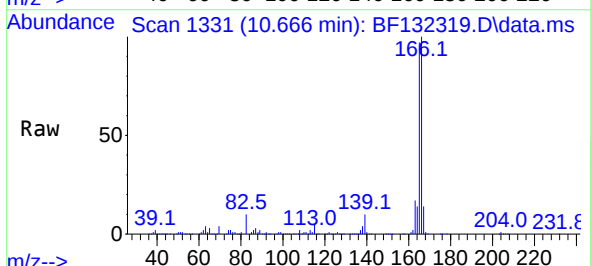
Reviewed By :Christian Giraldo 02/06/2023
Supervised By :Jagrut Upadhyay 02/06/2023

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Upadhyay

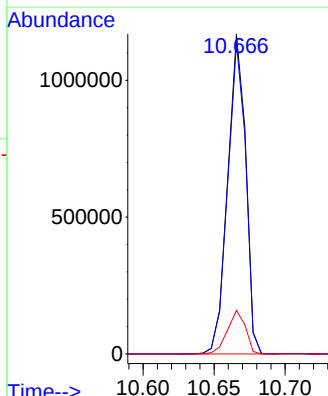
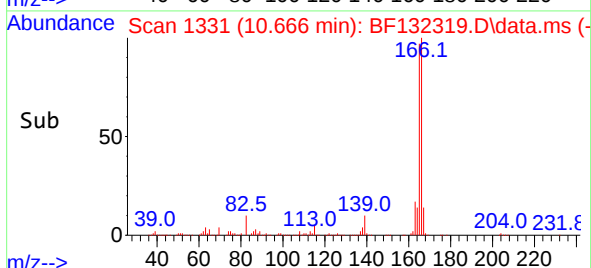
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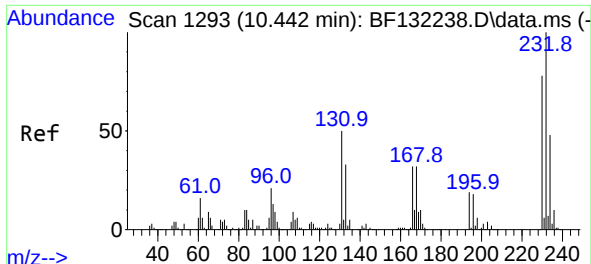


#58
Fluorene
Concen: 38.363 ng
RT: 10.666 min Scan# 1331
Delta R.T. -0.000 min
Lab File: BF132319.D
Acq: 03 Feb 2023 13:26



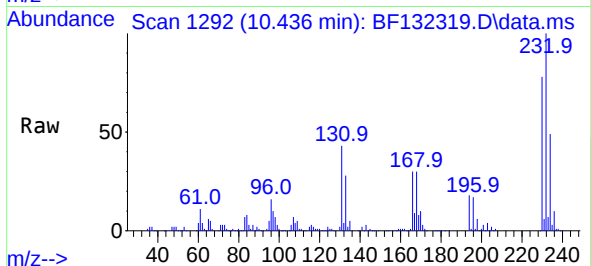
Tgt Ion:166 Resp: 1034461
Ion Ratio Lower Upper
166 100
165 97.2 78.0 117.0
167 13.6 10.8 16.2





#59
2,3,4,6-Tetrachlorophenol
Concen: 42.403 ng
RT: 10.436 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF132319.D
Acq: 03 Feb 2023 13:26

Instrument :
BNA_F
ClientSampleId :
PB150501BS



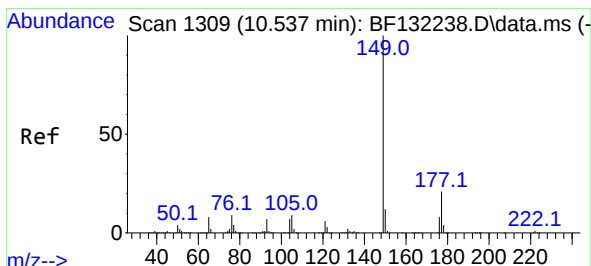
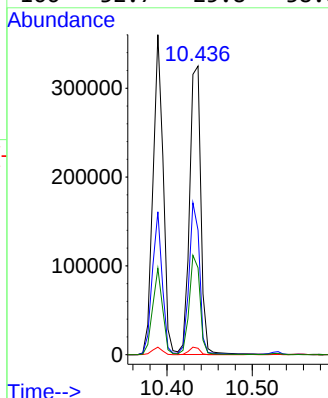
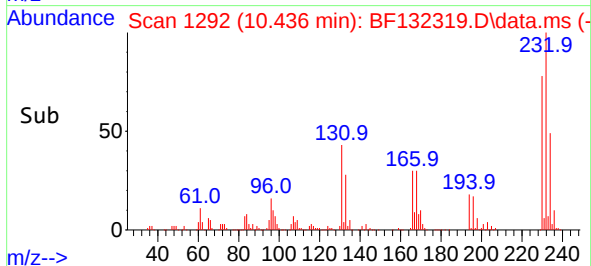
Tgt Ion:232 Resp: 297492
Ion Ratio Lower Upper
232 100
131 48.6 40.6 61.0
130 2.4 1.9 2.9
166 32.7 25.8 38.8

Manual Integrations
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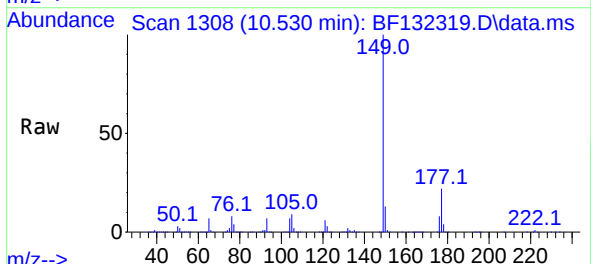
Reviewed By :Christian Giraldo 02/06/2023
Supervised By :Jagrut Upadhyay 02/06/2023

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Supervised By :Jagrut
Upadhyay

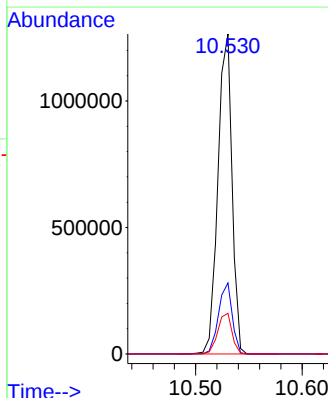
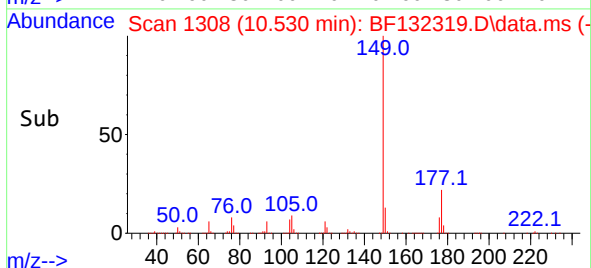
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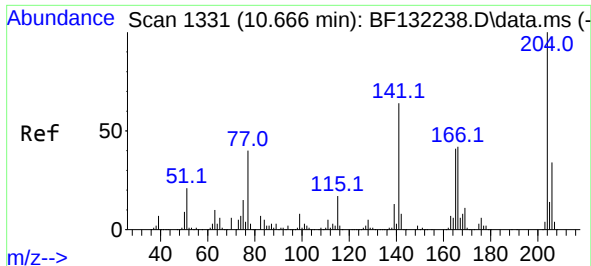


#60
Diethylphthalate
Concen: 40.066 ng
RT: 10.530 min Scan# 1308
Delta R.T. 0.006 min
Lab File: BF132319.D
Acq: 03 Feb 2023 13:26



Tgt Ion:149 Resp: 1158836
Ion Ratio Lower Upper
149 100
177 22.2 17.1 25.7
150 12.7 9.9 14.9





#61
4-Chlorophenyl-phenylether
Concen: 39.962 ng
RT: 10.654 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF132319.D
Acq: 03 Feb 2023 13:26

Instrument :

BNA_F

ClientSampleId :

PB150501BS

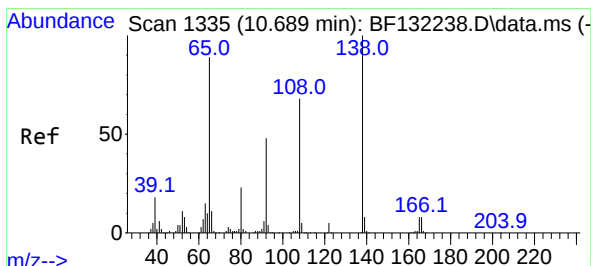
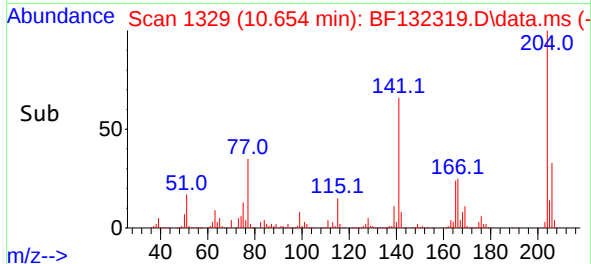
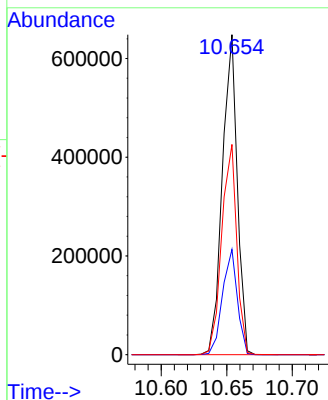
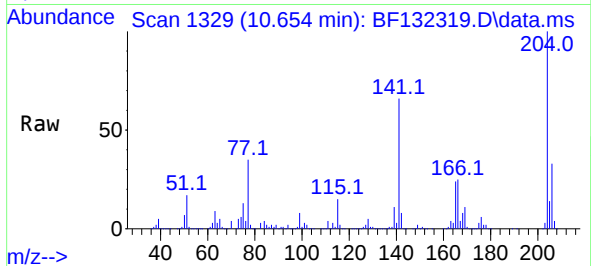
Tgt Ion:204 Resp: 511398
Ion Ratio Lower Upper
204 100
206 32.9 26.8 40.2
141 65.7 51.4 77.0

Manual Integrations
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Reviewed By :Christian Giraldo 02/06/2023
Supervised By :Jagrut Upadhyay 02/06/2023

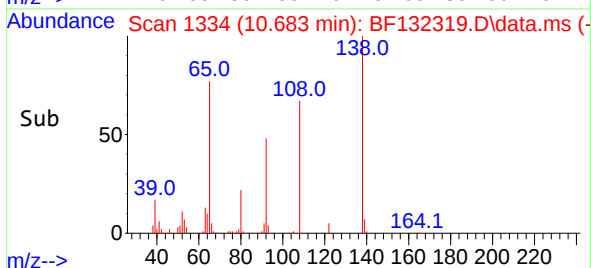
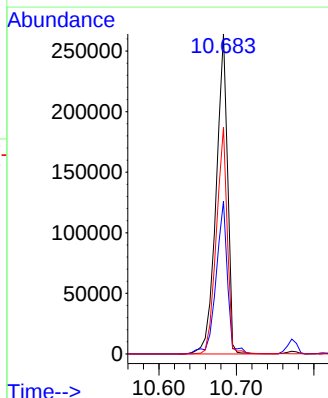
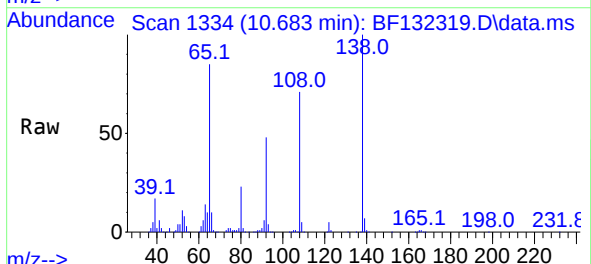
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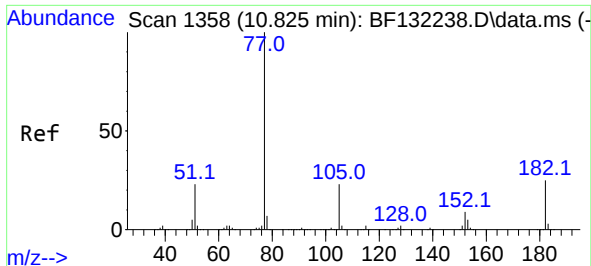
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#62
4-Nitroaniline
Concen: 35.918 ng
RT: 10.683 min Scan# 1334
Delta R.T. -0.000 min
Lab File: BF132319.D
Acq: 03 Feb 2023 13:26

Tgt Ion:138 Resp: 271226
Ion Ratio Lower Upper
138 100
92 47.7 27.7 67.7
108 70.9 48.5 88.5





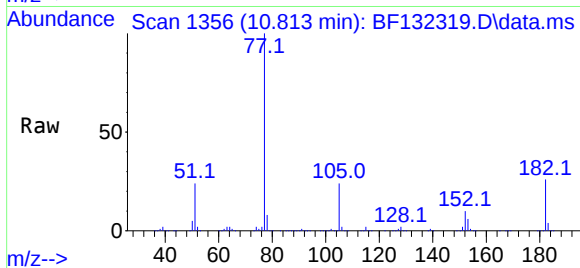
#63
Azobenzene
Concen: 34.792 ng
RT: 10.813 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF132319.D
Acq: 03 Feb 2023 13:26

Instrument :

BNA_F

ClientSampleId :

PB150501BS



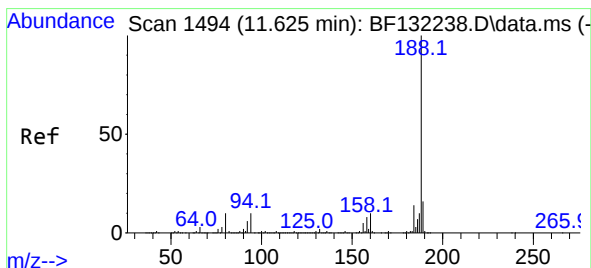
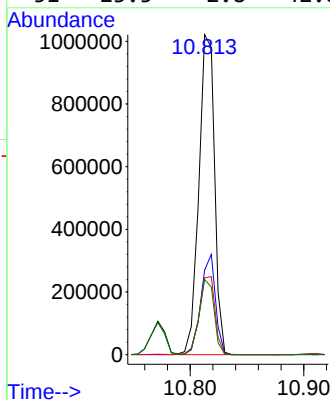
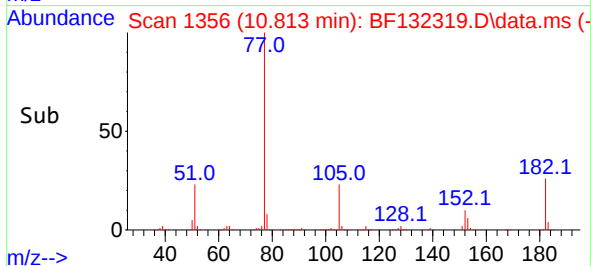
Tgt Ion: 77 Resp: 980190
Ion Ratio Lower Upper
77 100
182 26.4 4.5 44.5
105 24.0 2.7 42.7
51 23.5 2.8 42.8

Manual Integrations
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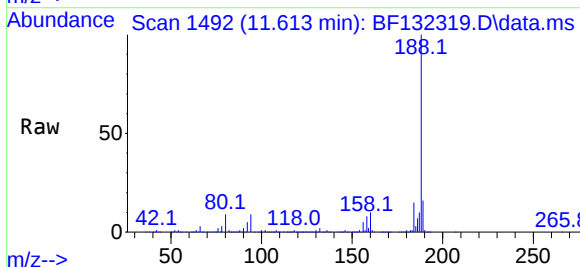
Reviewed By :Christian Giraldo 02/06/2023
Supervised By :Jagrut Upadhyay 02/06/2023

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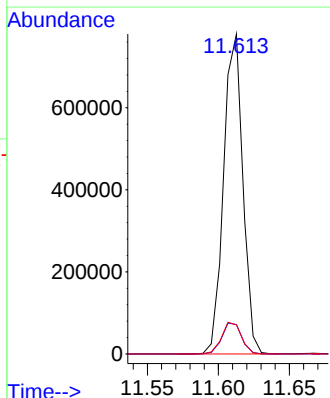
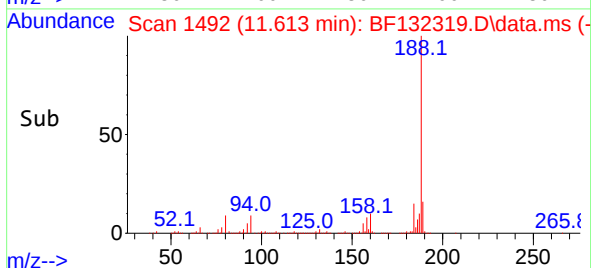
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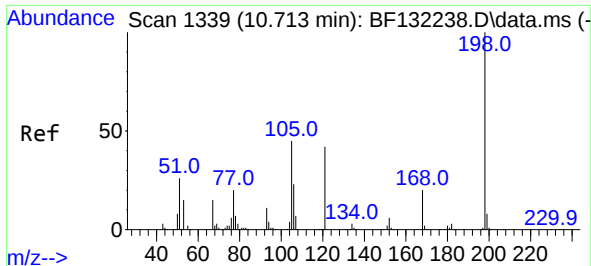


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.613 min Scan# 1492
Delta R.T. -0.000 min
Lab File: BF132319.D
Acq: 03 Feb 2023 13:26



Tgt Ion:188 Resp: 733323
Ion Ratio Lower Upper
188 100
94 9.2 8.2 12.2
80 9.1 8.3 12.5





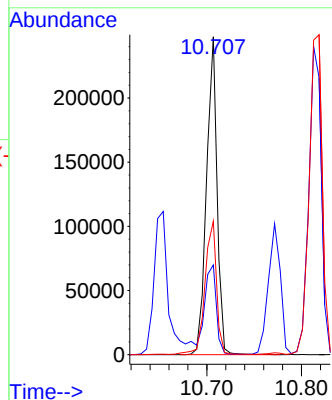
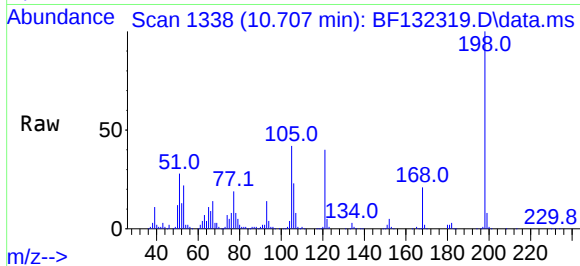
#65
4,6-Dinitro-2-methylphenol
Concen: 46.096 ng
RT: 10.707 min Scan# 1338
Delta R.T. -0.000 min
Lab File: BF132319.D
Acq: 03 Feb 2023 13:26

Instrument :
BNA_F
ClientSampleId :
PB150501BS

Tgt Ion:198 Resp: 19185
Ion Ratio Lower Upper
198 100
51 28.2 13.1 53.1
105 42.0 26.0 66.0

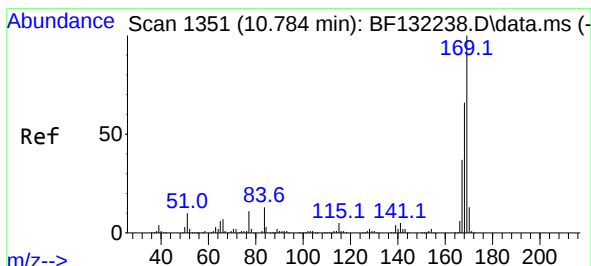
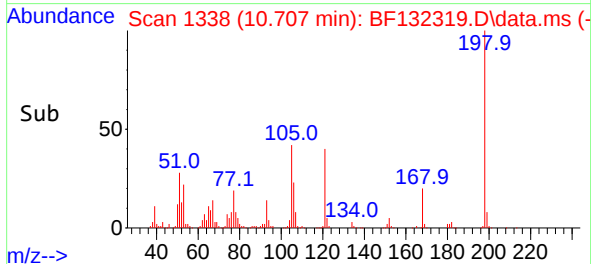
Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 02/06/2023
Supervised By :Jagrut Upadhyay 02/06/2023



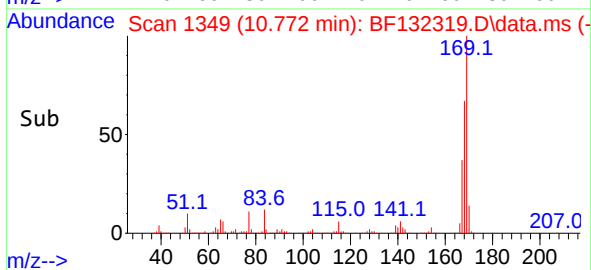
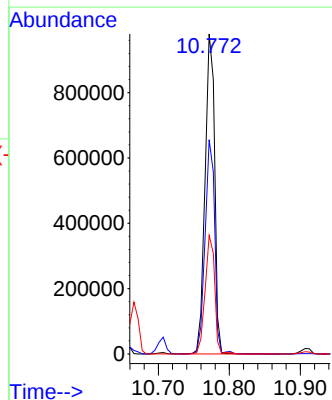
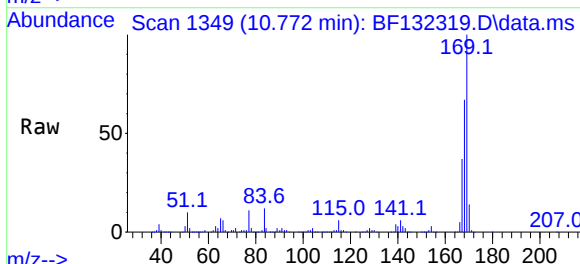
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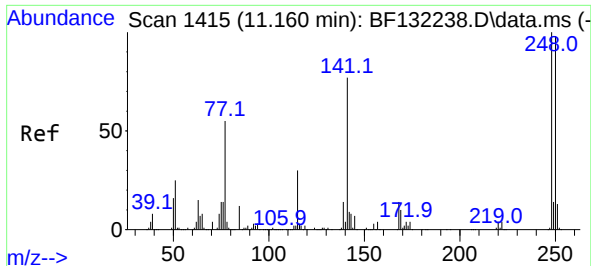
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#66
n-Nitrosodiphenylamine
Concen: 40.009 ng
RT: 10.772 min Scan# 1349
Delta R.T. -0.000 min
Lab File: BF132319.D
Acq: 03 Feb 2023 13:26

Tgt Ion:169 Resp: 918723
Ion Ratio Lower Upper
169 100
168 66.9 52.6 79.0
167 37.1 29.5 44.3





#67
4-Bromophenyl-phenylether
Concen: 43.476 ng
RT: 11.148 min Scan# 1413
Delta R.T. -0.000 min
Lab File: BF132319.D
Acq: 03 Feb 2023 13:26

Instrument :

BNA_F

ClientSampleId :

PB150501BS

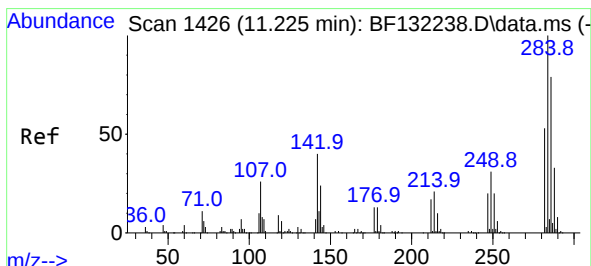
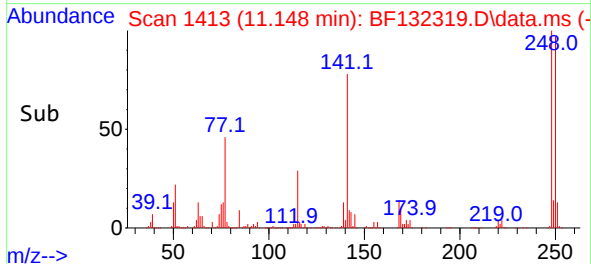
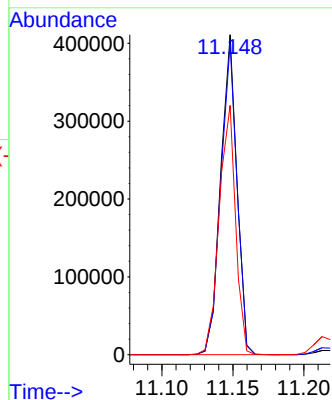
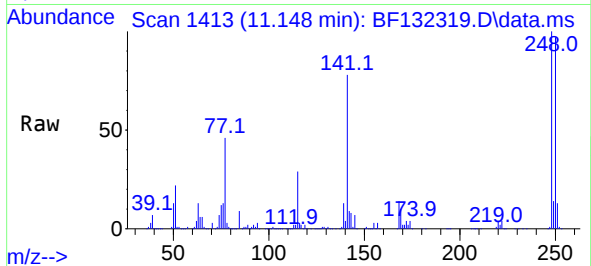
Tgt Ion:248 Resp: 32646
Ion Ratio Lower Upper
248 100
250 97.3 78.6 117.8
141 77.9 61.6 92.4

Manual Integrations
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Reviewed By :Christian Giraldo 02/06/2023
Supervised By :Jagrut Upadhyay 02/06/2023

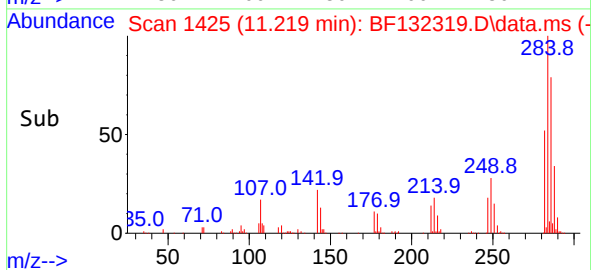
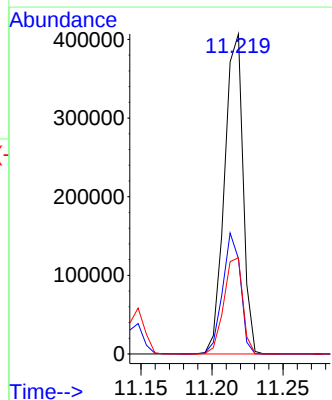
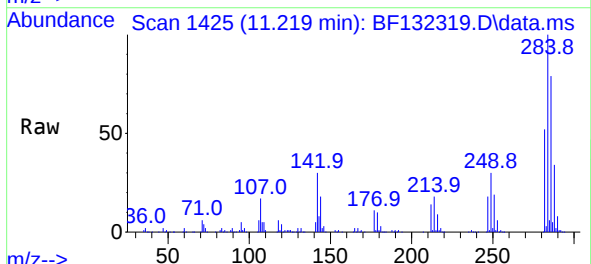
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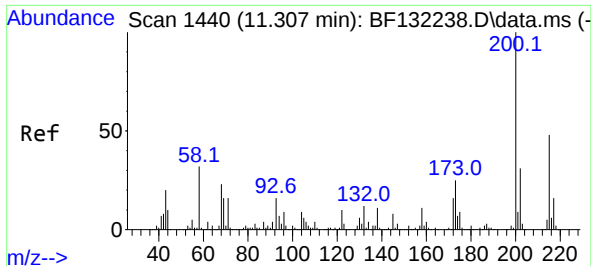
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#68
Hexachlorobenzene
Concen: 45.972 ng
RT: 11.219 min Scan# 1425
Delta R.T. 0.006 min
Lab File: BF132319.D
Acq: 03 Feb 2023 13:26

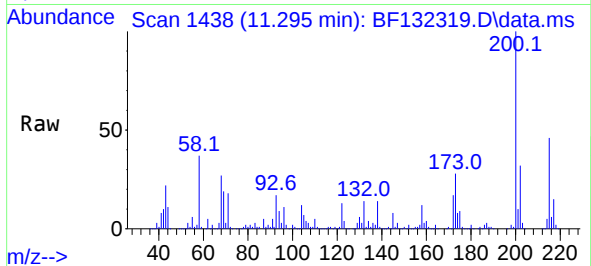
Tgt Ion:284 Resp: 368974
Ion Ratio Lower Upper
284 100
142 29.8 32.2 48.4#
249 30.1 25.0 37.6





#69
Atrazine
Concen: 47.003 ng
RT: 11.295 min Scan# 1440
Delta R.T. -0.000 min
Lab File: BF132319.D
Acq: 03 Feb 2023 13:26

Instrument :
BNA_F
ClientSampleId :
PB150501BS



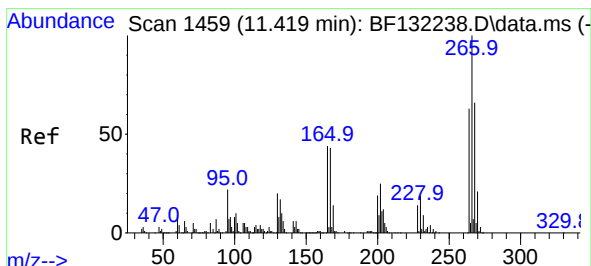
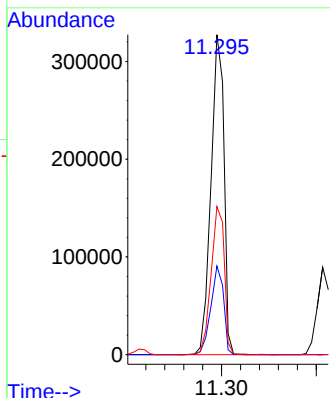
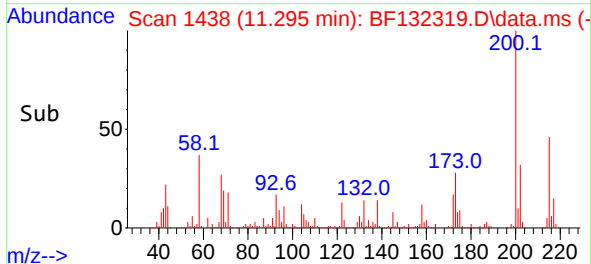
Tgt Ion:200 Resp: 310450
Ion Ratio Lower Upper
200 100
173 27.7 5.1 45.1
215 46.3 27.6 67.6

Manual Integrations
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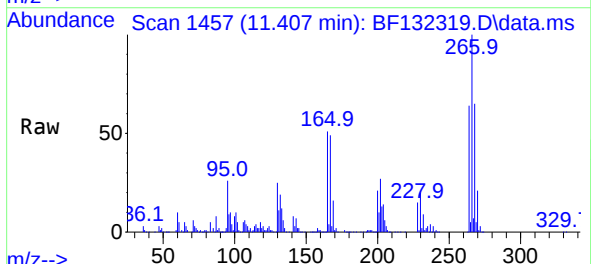
Reviewed By :Christian Giraldo 02/06/2023
Supervised By :Jagrut Upadhyay 02/06/2023

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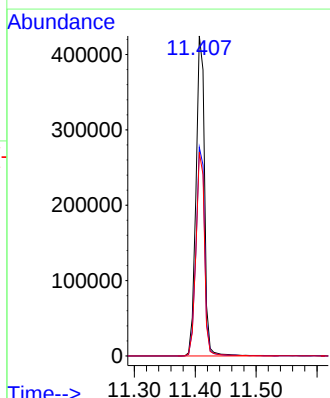
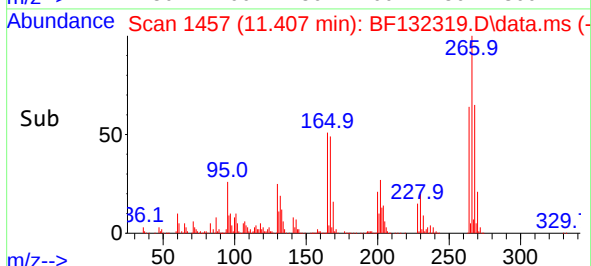
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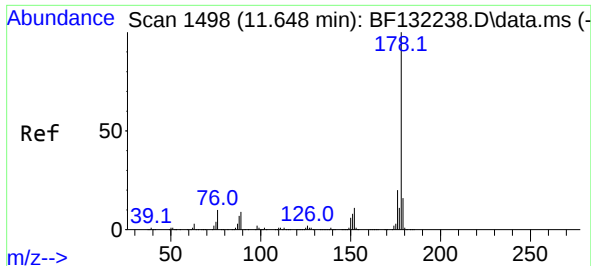


#70
Pentachlorophenol
Concen: 74.924 ng
RT: 11.407 min Scan# 1457
Delta R.T. -0.000 min
Lab File: BF132319.D
Acq: 03 Feb 2023 13:26



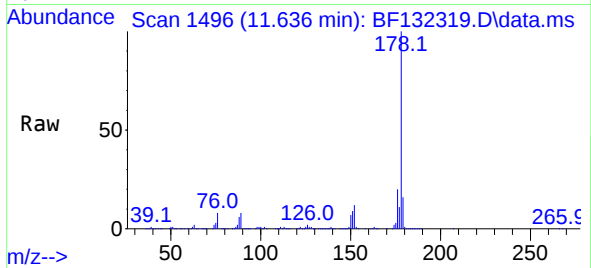
Tgt Ion:266 Resp: 413179
Ion Ratio Lower Upper
266 100
268 65.2 53.0 79.4
264 63.6 50.5 75.7





#71
Phenanthrene
Concen: 39.446 ng
RT: 11.636 min Scan# 1498
Delta R.T. -0.000 min
Lab File: BF132319.D
Acq: 03 Feb 2023 13:26

Instrument :
BNA_F
ClientSampleId :
PB150501BS



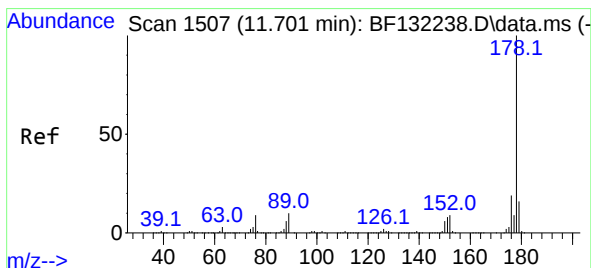
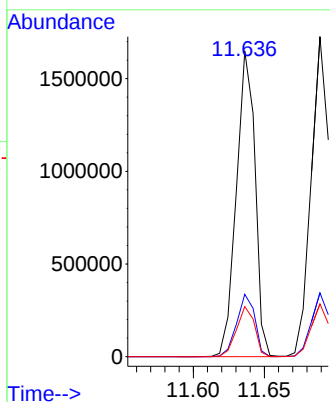
Tgt Ion:178 Resp: 1511569
Ion Ratio Lower Upper
178 100
176 20.4 16.2 24.4
179 16.4 12.8 19.2

Manual Integrations
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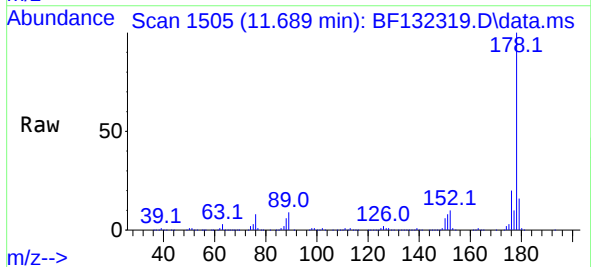
Reviewed By :Christian Giraldo 02/06/2023
Supervised By :Jagrut Upadhyay 02/06/2023

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Supervised By :Jagrut
Upadhyay

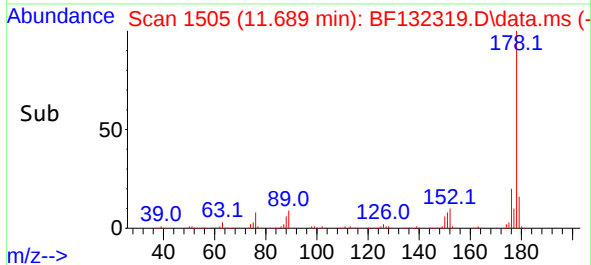
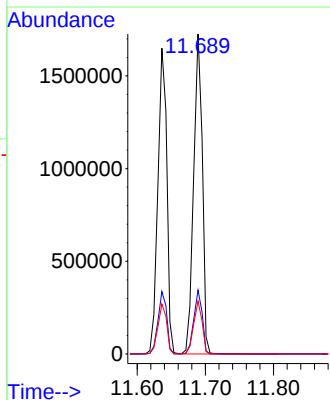
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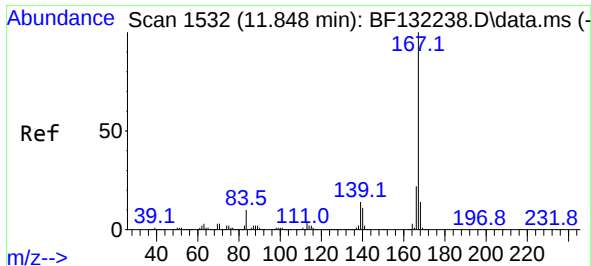


#72
Anthracene
Concen: 38.793 ng
RT: 11.689 min Scan# 1505
Delta R.T. -0.000 min
Lab File: BF132319.D
Acq: 03 Feb 2023 13:26



Tgt Ion:178 Resp: 1512863
Ion Ratio Lower Upper
178 100
176 19.9 15.4 23.2
179 16.5 12.8 19.2





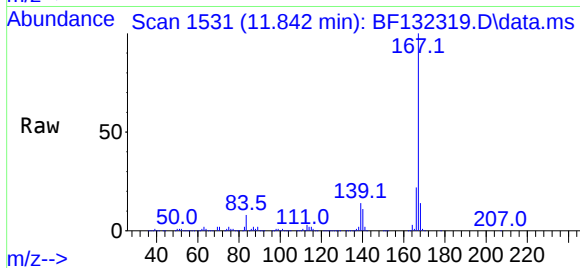
#73
 Carbazole
 Concen: 38.496 ng
 RT: 11.842 min Scan# 1532
 Delta R.T. -0.000 min
 Lab File: BF132319.D
 Acq: 03 Feb 2023 13:26

Instrument :

BNA_F

ClientSampleId :

PB150501BS



Tgt Ion:167 Resp: 1346130
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.4 26.0
 139 14.2 11.4 17.2

Manual Integrations

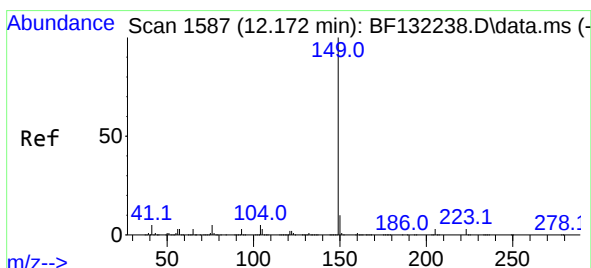
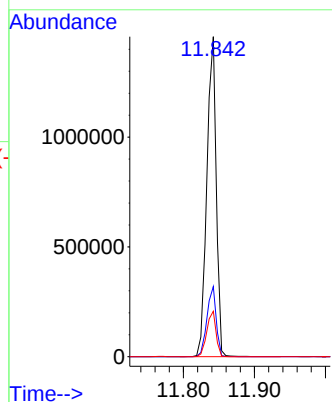
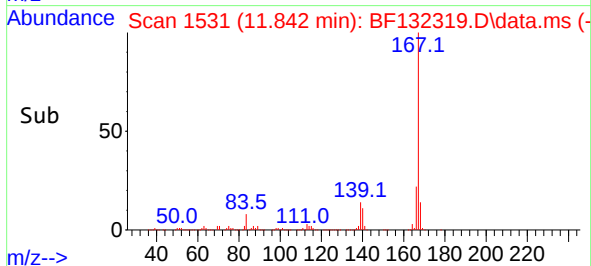
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Reviewed By :Christian Giraldo 02/06/2023
 Supervised By :Jagrut Upadhyay 02/06/2023

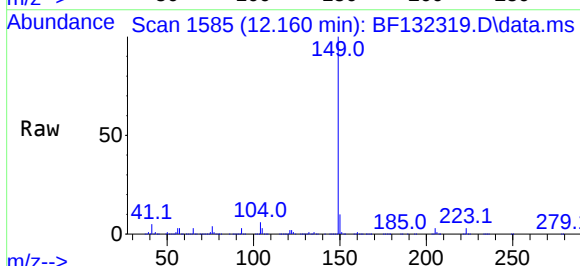
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 Upadhyay

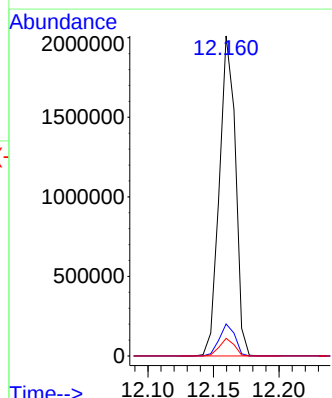
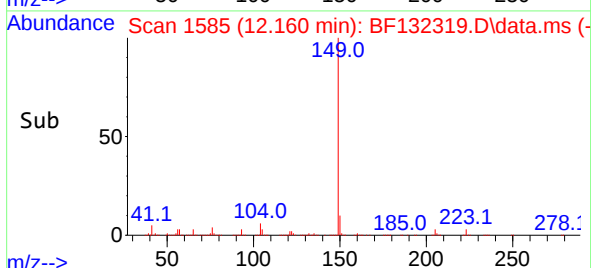
02/06/2023

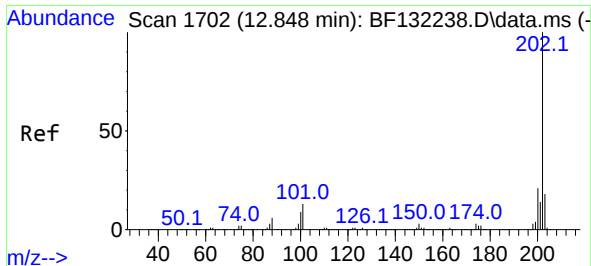


#74
 Di-n-butylphthalate
 Concen: 41.479 ng
 RT: 12.160 min Scan# 1585
 Delta R.T. -0.000 min
 Lab File: BF132319.D
 Acq: 03 Feb 2023 13:26



Tgt Ion:149 Resp: 1714741
 Ion Ratio Lower Upper
 149 100
 150 10.0 7.8 11.8
 104 5.5 4.3 6.5





#75
Fluoranthene
Concen: 37.263 ng
RT: 12.836 min Scan# 1700
Delta R.T. -0.000 min
Lab File: BF132319.D
Acq: 03 Feb 2023 13:26

Instrument :

BNA_F

ClientSampleId :

PB150501BS

Tgt Ion:202 Resp: 145718
Ion Ratio Lower Upper
202 100
101 11.2 0.0 32.7
203 18.1 0.0 37.9

Manual Integrations

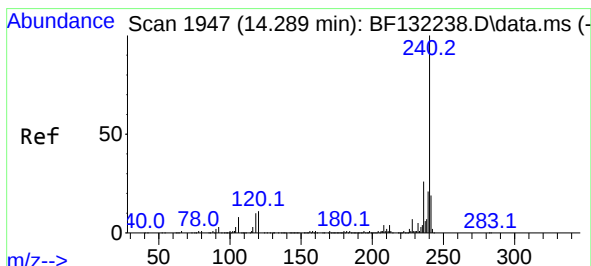
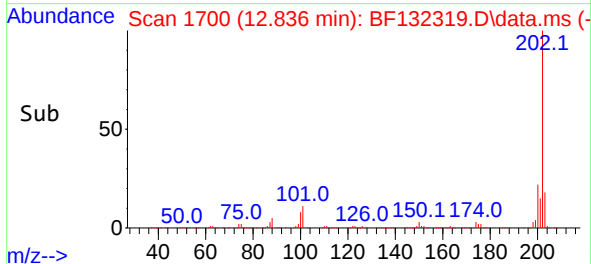
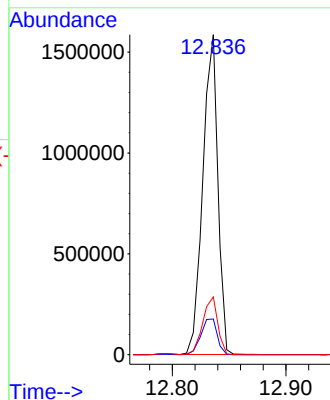
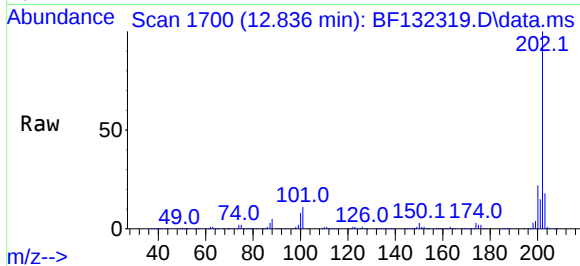
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Reviewed By :Christian Giraldo 02/06/2023
Supervised By :Jagrut Upadhyay 02/06/2023

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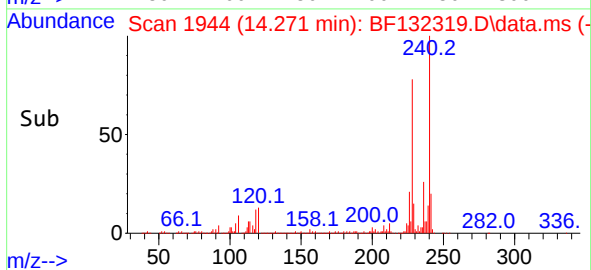
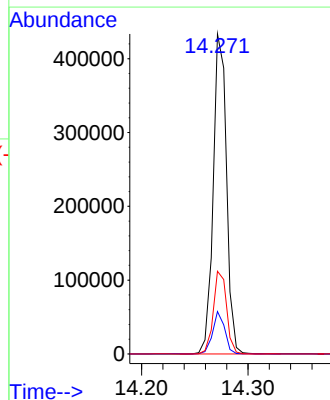
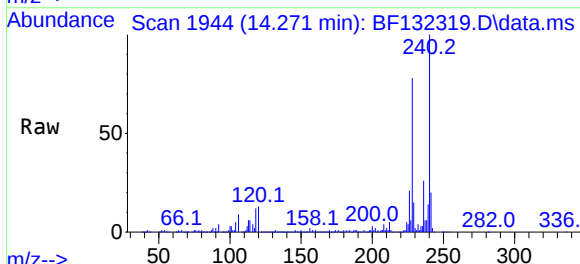
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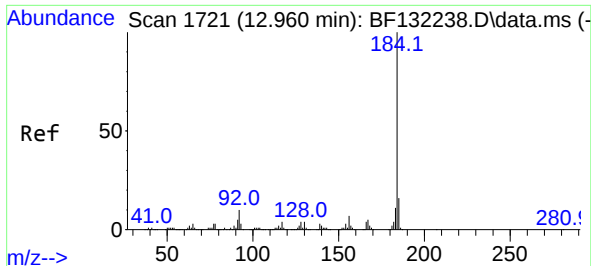
02/06/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.271 min Scan# 1944
Delta R.T. -0.000 min
Lab File: BF132319.D
Acq: 03 Feb 2023 13:26

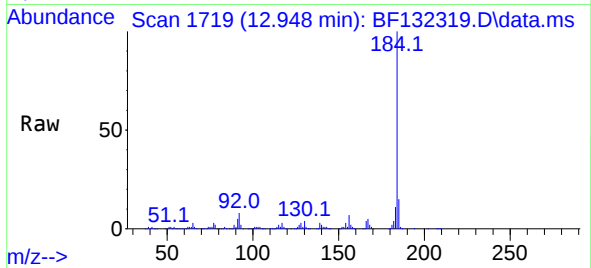
Tgt Ion:240 Resp: 377454
Ion Ratio Lower Upper
240 100
120 13.2 8.8 13.2#
236 25.9 21.0 31.6





#77
Benzidine
Concen: 39.612 ng
RT: 12.948 min Scan# 1719
Delta R.T. -0.000 min
Lab File: BF132319.D
Acq: 03 Feb 2023 13:26

Instrument :
BNA_F
ClientSampleId :
PB150501BS



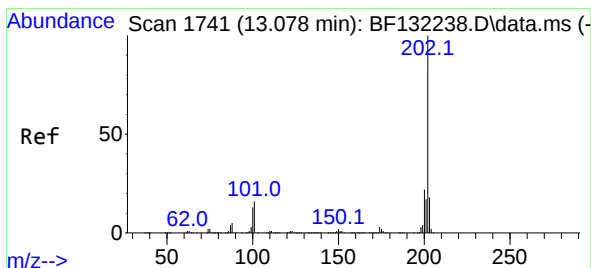
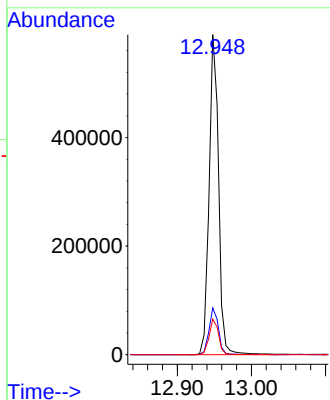
Tgt Ion:184 Resp: 52272
Ion Ratio Lower Upper
184 100
185 14.6 12.6 18.8
183 11.1 8.9 13.3

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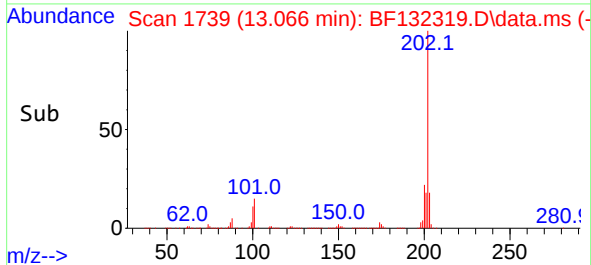
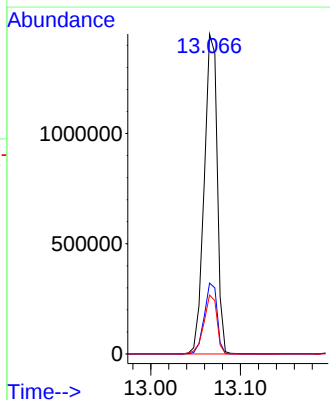
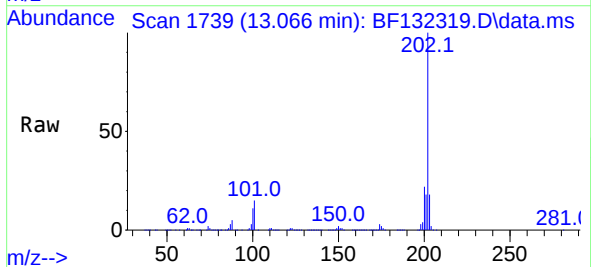
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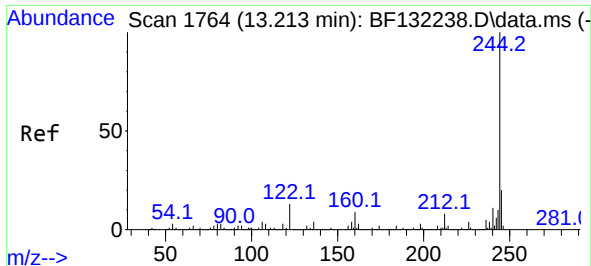
02/06/2023



#78
Pyrene
Concen: 47.996 ng
RT: 13.066 min Scan# 1739
Delta R.T. -0.000 min
Lab File: BF132319.D
Acq: 03 Feb 2023 13:26

Tgt Ion:202 Resp: 1457120
Ion Ratio Lower Upper
202 100
200 22.2 17.3 25.9
203 18.4 14.4 21.6





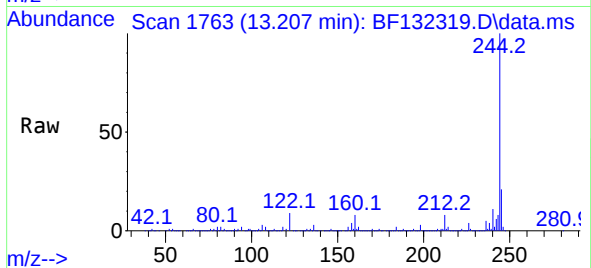
#79
Terphenyl-d14
Concen: 104.741 ng
RT: 13.207 min Scan# 1764
Delta R.T. 0.006 min
Lab File: BF132319.D
Acq: 03 Feb 2023 13:26

Instrument :

BNA_F

ClientSampleId :

PB150501BS



Tgt Ion:244 Resp: 2043782
Ion Ratio Lower Upper
244 100
212 7.7 6.4 9.6
122 9.2 10.5 15.7

Manual Integrations

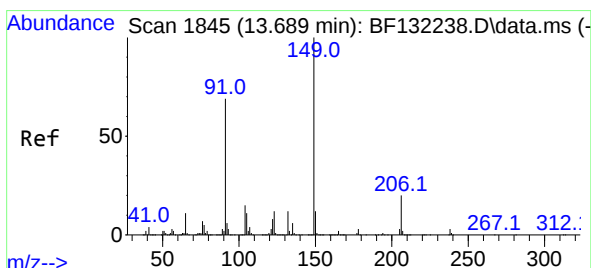
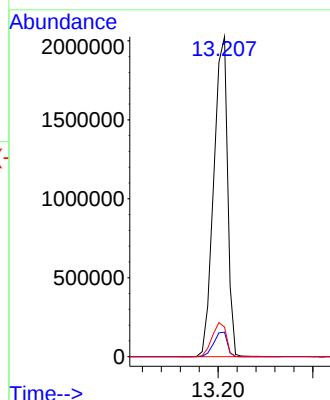
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Reviewed By :Christian Giraldo 02/06/2023
Supervised By :Jagrut Upadhyay 02/06/2023

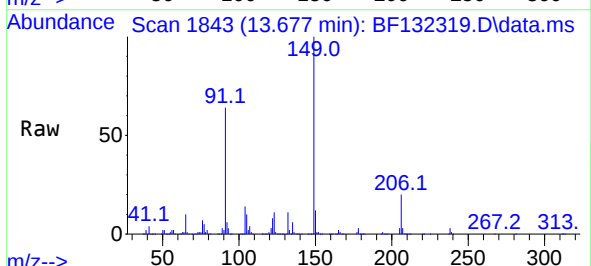
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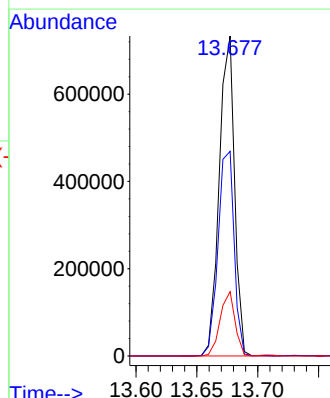
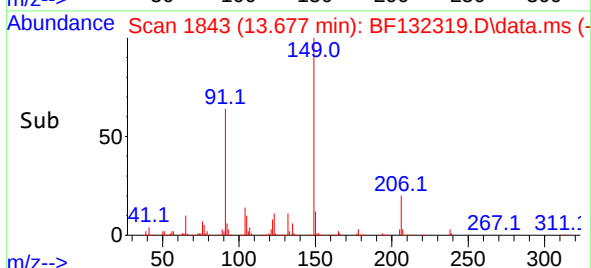
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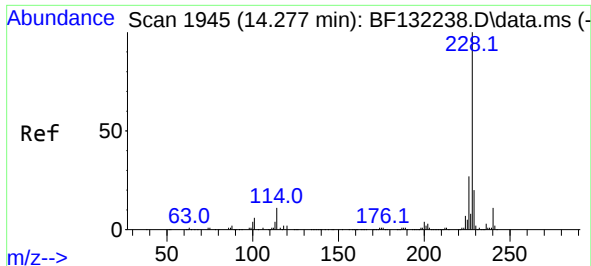


#80
Butylbenzylphthalate
Concen: 47.900 ng
RT: 13.677 min Scan# 1843
Delta R.T. -0.000 min
Lab File: BF132319.D
Acq: 03 Feb 2023 13:26



Tgt Ion:149 Resp: 642480
Ion Ratio Lower Upper
149 100
91 63.9 55.0 82.6
206 20.1 15.9 23.9





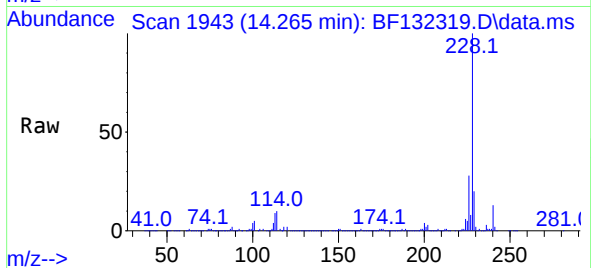
#81
Benzo(a)anthracene
Concen: 41.293 ng
RT: 14.265 min Scan# 1943
Delta R.T. 0.006 min
Lab File: BF132319.D
Acq: 03 Feb 2023 13:26

Instrument :

BNA_F

ClientSampleId :

PB150501BS



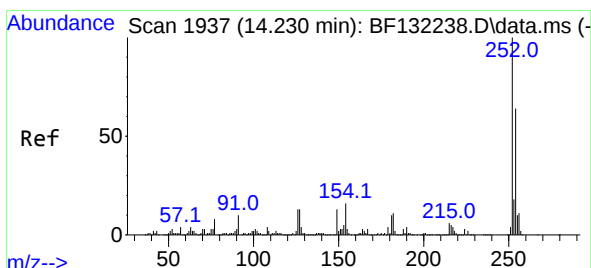
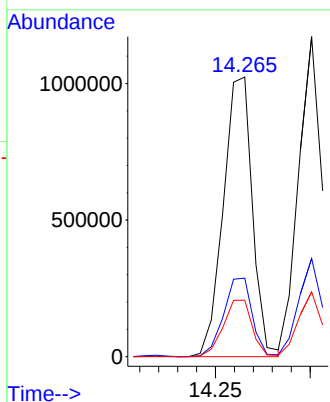
Tgt Ion:228 Resp: 1090118
Ion Ratio Lower Upper
228 100
226 28.1 22.0 33.0
229 20.2 15.8 23.6

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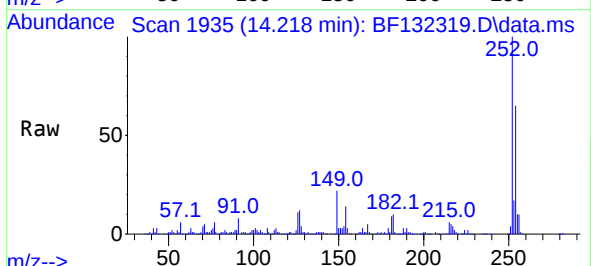
Reviewed By :Christian Giraldo 02/06/2023
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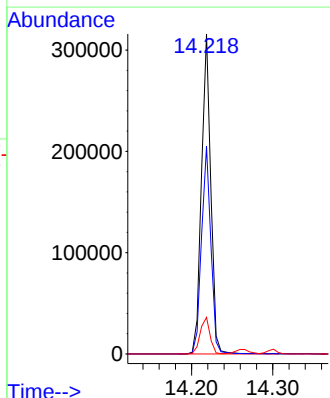
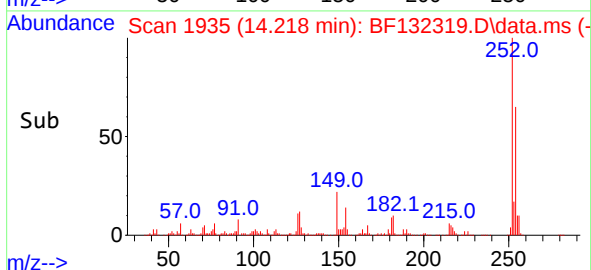
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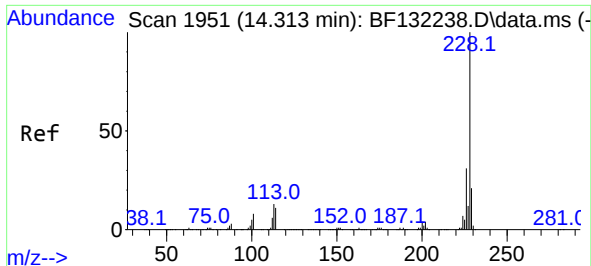


#82
3,3'-Dichlorobenzidine
Concen: 29.900 ng
RT: 14.218 min Scan# 1935
Delta R.T. -0.000 min
Lab File: BF132319.D
Acq: 03 Feb 2023 13:26



Tgt Ion:252 Resp: 251410
Ion Ratio Lower Upper
252 100
254 64.9 51.6 77.4
126 11.4 10.5 15.7





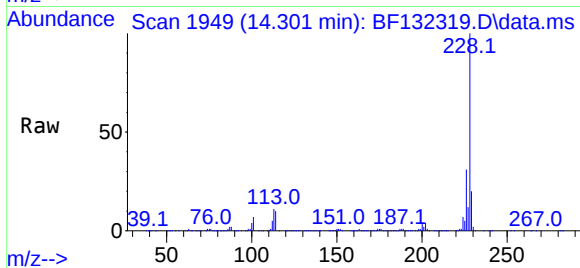
#83
Chrysene
Concen: 40.395 ng
RT: 14.301 min Scan# 1951
Delta R.T. -0.000 min
Lab File: BF132319.D
Acq: 03 Feb 2023 13:26

Instrument :

BNA_F

ClientSampleId :

PB150501BS



Tgt Ion:228 Resp: 998578
Ion Ratio Lower Upper
228 100
226 30.7 24.9 37.3
229 20.3 16.4 24.6

Manual Integrations

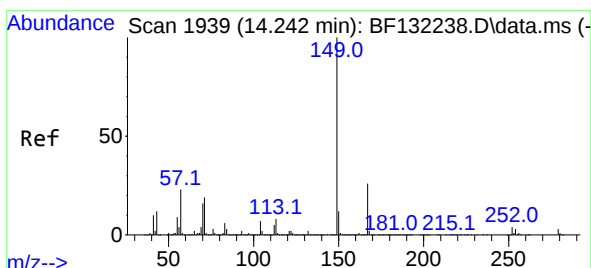
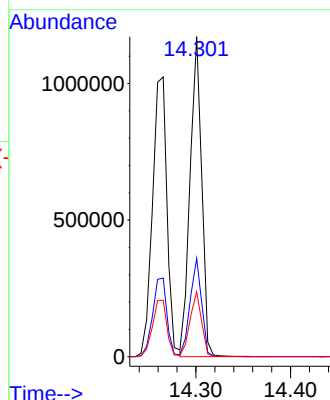
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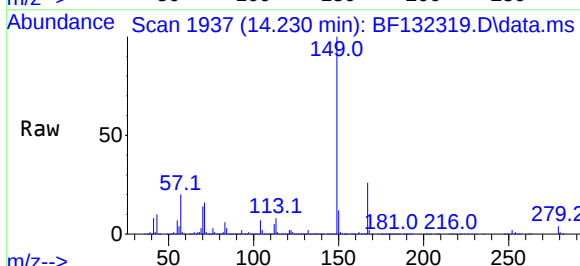
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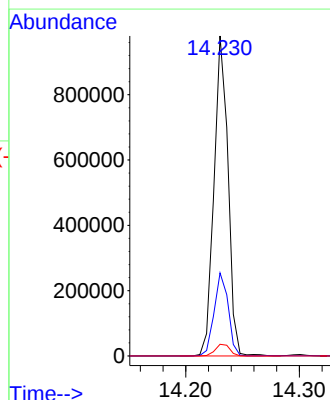
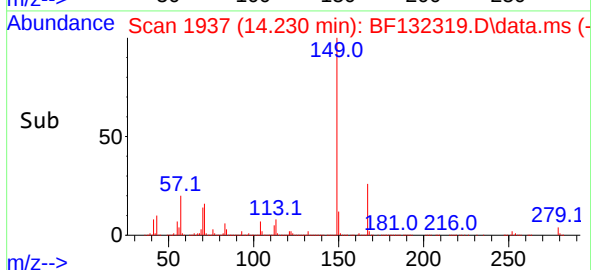
02/06/2023

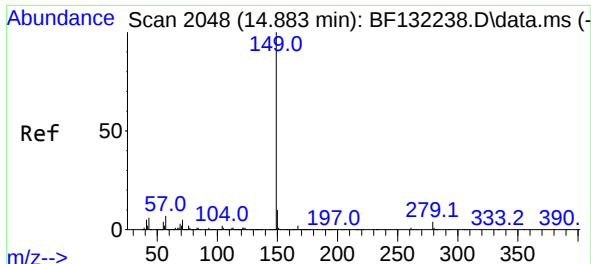


#84
Bis(2-ethylhexyl)phthalate
Concen: 46.277 ng
RT: 14.230 min Scan# 1937
Delta R.T. -0.000 min
Lab File: BF132319.D
Acq: 03 Feb 2023 13:26



Tgt Ion:149 Resp: 838994
Ion Ratio Lower Upper
149 100
167 25.9 20.7 31.1
279 3.7 2.7 4.1





#85
Di-n-octyl phthalate
Concen: 40.596 ng
RT: 14.865 min Scan# 2048
Delta R.T. -0.000 min
Lab File: BF132319.D
Acq: 03 Feb 2023 13:26

Instrument :

BNA_F

ClientSampleId :

PB150501BS

Tgt Ion:149 Resp: 1200470
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 6.0 5.9 8.9

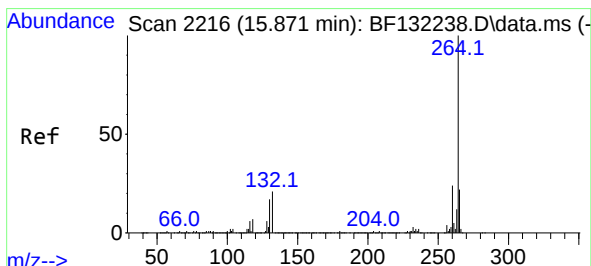
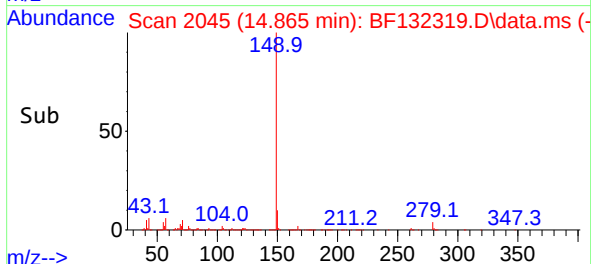
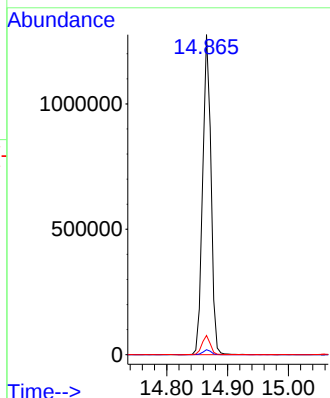
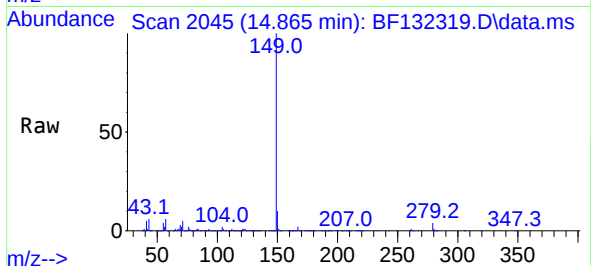
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Reviewed By :Christian Giraldo 02/06/2023
Supervised By :Jagrut Upadhyay 02/06/2023

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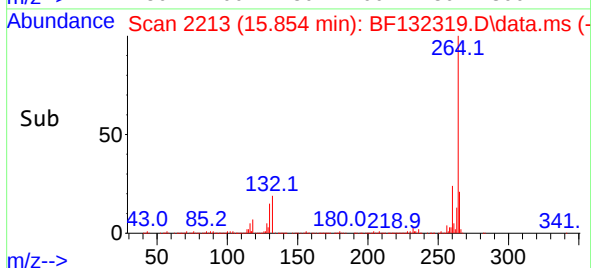
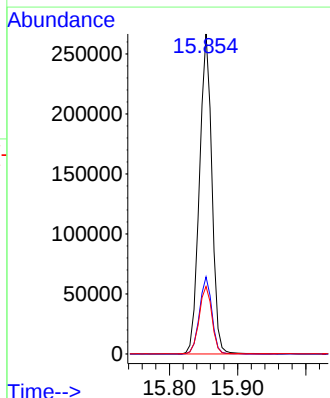
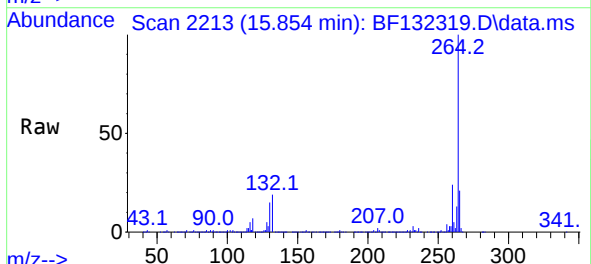
Supervised By :Jagrut
Upadhyay

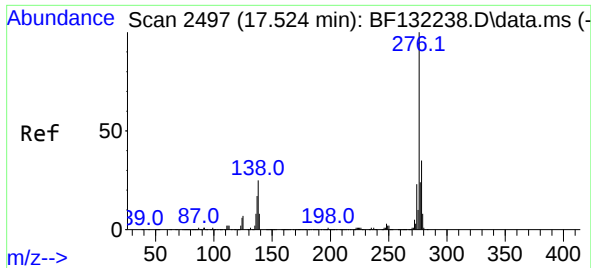
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.854 min Scan# 2213
Delta R.T. -0.000 min
Lab File: BF132319.D
Acq: 03 Feb 2023 13:26

Tgt Ion:264 Resp: 337823
Ion Ratio Lower Upper
264 100
260 24.1 19.0 28.4
265 21.1 17.4 26.2





#87
Indeno(1,2,3-cd)pyrene
Concen: 47.115 ng
RT: 17.501 min Scan# 2493
Delta R.T. -0.000 min
Lab File: BF132319.D
Acq: 03 Feb 2023 13:26

Instrument :

BNA_F

ClientSampleId :

PB150501BS

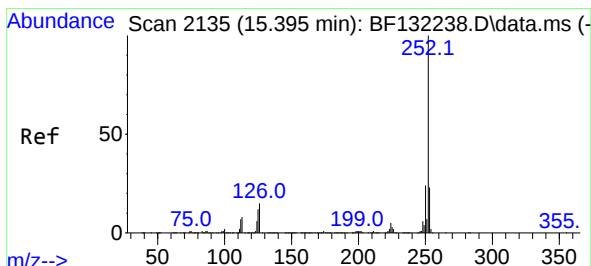
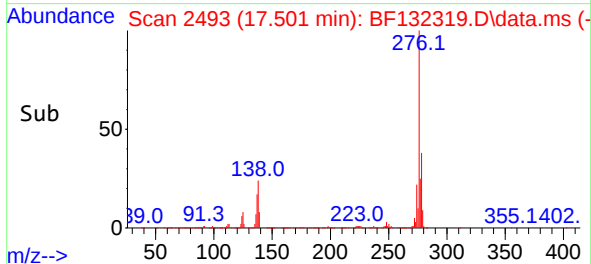
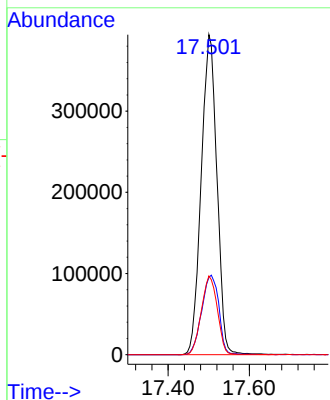
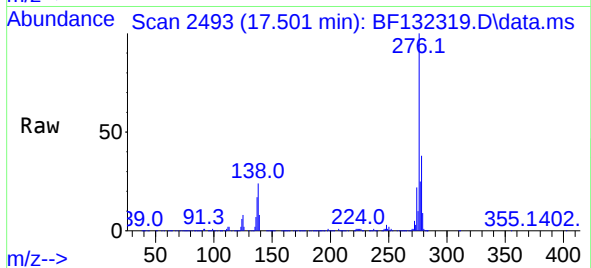
Tgt Ion:276 Resp: 105759
Ion Ratio Lower Upper
276 100
138 27.0 23.3 34.9
277 25.0 20.0 30.0

Manual Integrations
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Reviewed By :Christian Giraldo 02/06/2023
Supervised By :Jagrut Upadhyay 02/06/2023

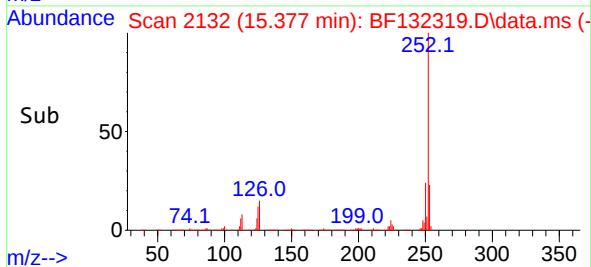
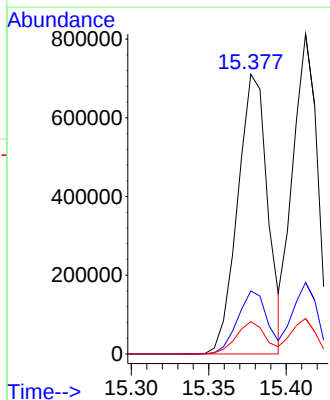
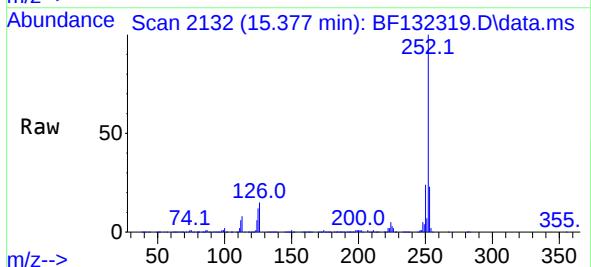
02/06/2023
Supervised By :Jagrut
Upadhyay

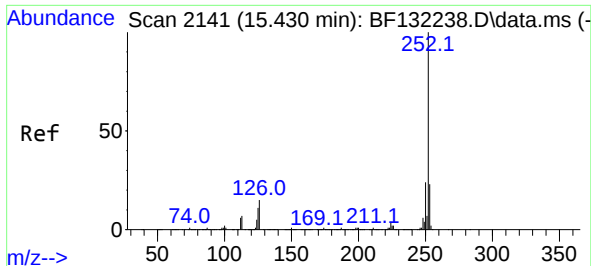
02/06/2023



#88
Benzo(b)fluoranthene
Concen: 44.779 ng
RT: 15.377 min Scan# 2132
Delta R.T. -0.000 min
Lab File: BF132319.D
Acq: 03 Feb 2023 13:26

Tgt Ion:252 Resp: 961573
Ion Ratio Lower Upper
252 100
253 22.6 18.1 27.1
125 11.5 9.6 14.4





#89

Benzo(k)fluoranthene

Concen: 44.286 ng

RT: 15.412 min Scan# 2141

Delta R.T. -0.000 min

Lab File: BF132319.D

Acq: 03 Feb 2023 13:26

Instrument :

BNA_F

ClientSampleId :

PB150501BS

Tgt Ion:252 Resp: 90773

Ion Ratio Lower Upper

252 100

253 22.4 18.2 27.2

125 11.1 9.0 13.6

Manual Integrations

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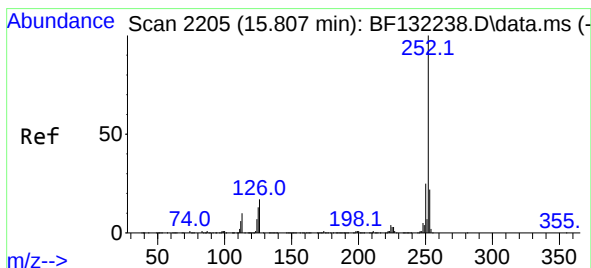
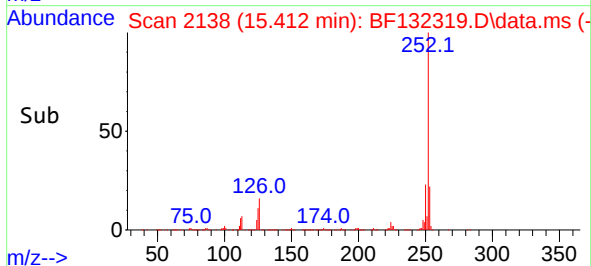
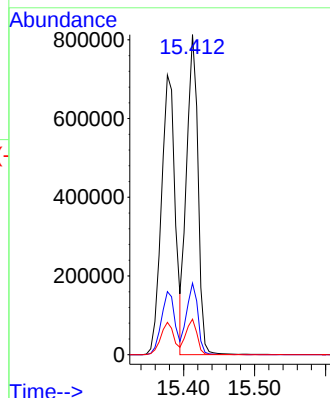
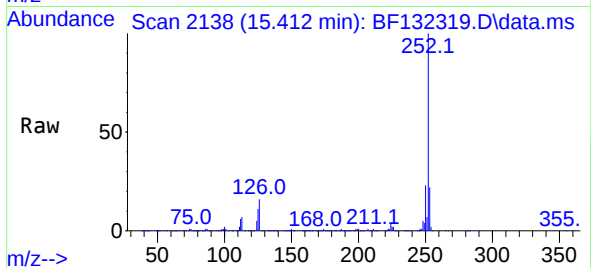
Reviewed By :Christian Giraldo 02/06/2023

Supervised By :Jagrut Upadhyay 02/06/2023

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Supervised By :Jagrut
Upadhyay

02/06/2023



#90

Benzo(a)pyrene

Concen: 40.732 ng

RT: 15.789 min Scan# 2202

Delta R.T. -0.000 min

Lab File: BF132319.D

Acq: 03 Feb 2023 13:26

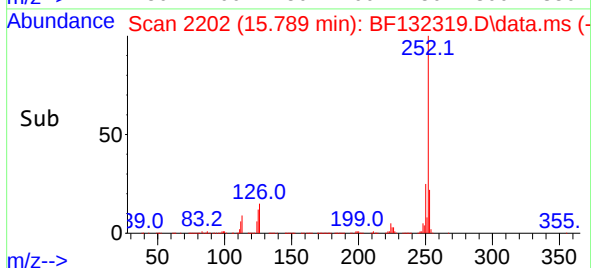
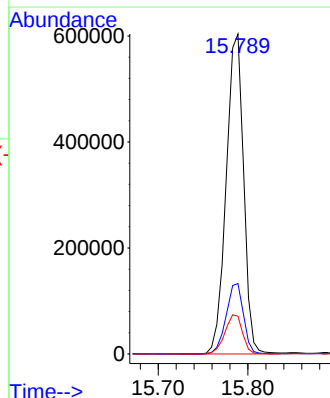
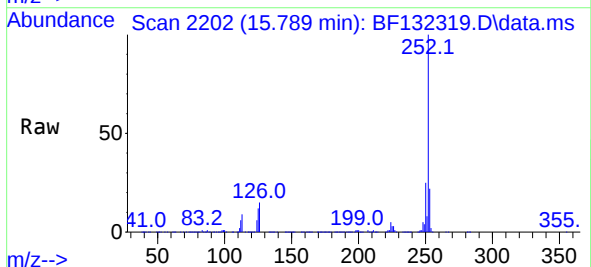
Tgt Ion:252 Resp: 814478

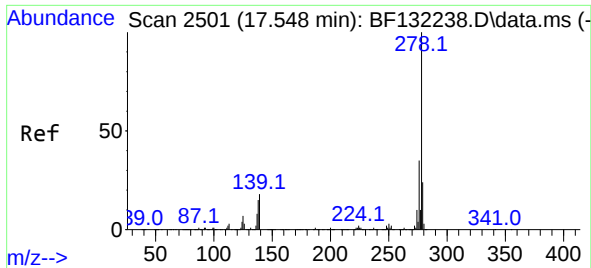
Ion Ratio Lower Upper

252 100

253 22.0 17.8 26.8

125 11.8 10.2 15.4





#91
Dibenzo(a,h)anthracene
Concen: 48.629 ng
RT: 17.518 min Scan# 2496
Delta R.T. -0.000 min
Lab File: BF132319.D
Acq: 03 Feb 2023 13:26

Instrument :

BNA_F

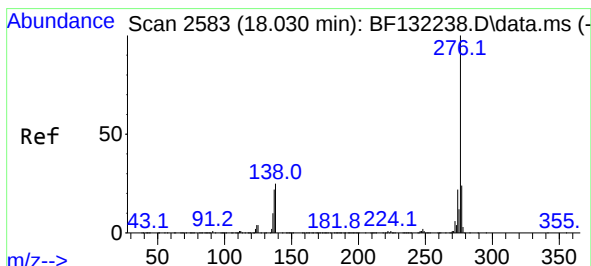
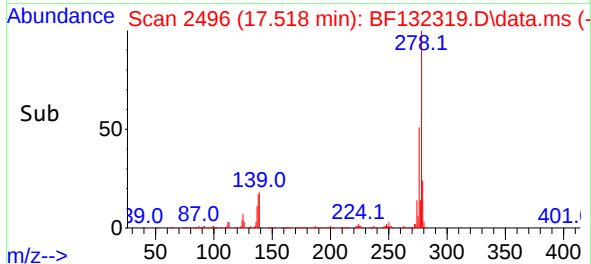
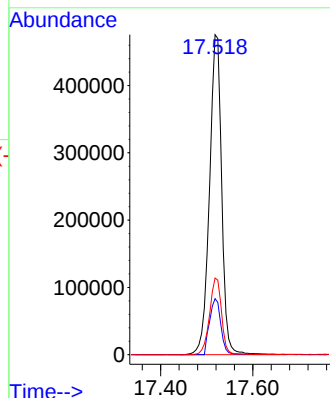
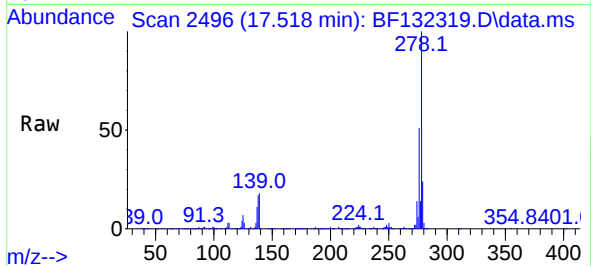
ClientSampleId :

PB150501BS

Tgt Ion:278 Resp: 877619
Ion Ratio Lower Upper
278 100
139 17.5 14.2 21.2
279 24.0 19.6 29.4

Manual Integrations
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Reviewed By :Christian Giraldo 02/06/2023
Supervised By :Jagrut Upadhyay 02/06/2023



#92
Benzo(g,h,i)perylene
Concen: 46.644 ng
RT: 18.006 min Scan# 2579
Delta R.T. -0.000 min
Lab File: BF132319.D
Acq: 03 Feb 2023 13:26

Tgt Ion:276 Resp: 869653
Ion Ratio Lower Upper
276 100
277 23.3 19.4 29.2
138 23.2 20.3 30.5

