

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051723\
 Data File : BF133415.D
 Acq On : 17 May 2023 16:11
 Operator : CG\JU
 Sample : 02774-04MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-N-1MSD

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 05/18/2023
 Supervised By : Jagrut Upadhyay 05/18/2023

Quant Time: May 17 17:13:59 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 16 14:39:29 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.716	152	239419	20.000	ng	0.00
21) Naphthalene-d8	7.998	136	977347	20.000	ng	-0.01
39) Acenaphthene-d10	9.757	164	511620	20.000	ng	0.00
64) Phenanthrene-d10	11.239	188	910971	20.000	ng	0.00
76) Chrysene-d12	13.874	240	418286	20.000	ng	-0.01
86) Perylene-d12	15.298	264	513095	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.346	112	1834566	115.752	ng	0.01
7) Phenol-d6	6.369	99	2120168	107.775	ng	0.00
23) Nitrobenzene-d5	7.287	82	1480109	81.743	ng	0.00
42) 2,4,6-Tribromophenol	10.551	330	647637	125.869	ng	0.00
45) 2-Fluorobiphenyl	9.081	172	2560826	83.739	ng	0.00
79) Terphenyl-d14	12.827	244	2730865	112.598	ng	0.00
Target Compounds						
2) 1,4-Dioxane	2.528	88	276582	37.623	ng	# 81
3) Pyridine	3.210	79	641079	32.833	ng	95
4) n-Nitrosodimethylamine	3.134	42	378851	37.460	ng	93
6) Aniline	6.381	93	403841	15.939	ng	# 1
8) 2-Chlorophenol	6.504	128	757727	47.087	ng	97
9) Benzaldehyde	6.263	77	286875	28.192	ng	98
10) Phenol	6.381	94	809551	37.303	ng	89
11) bis(2-Chloroethyl)ether	6.451	93	777347	47.733	ng	98
12) 1,3-Dichlorobenzene	6.657	146	775683	45.338	ng	97
13) 1,4-Dichlorobenzene	6.734	146	779744	45.475	ng	98
14) 1,2-Dichlorobenzene	6.887	146	741213	46.888	ng	98
15) Benzyl Alcohol	6.869	79	634285	46.677	ng	98
16) 2,2'-oxybis(1-Chloropr...	6.998	45	1097238	38.791	ng	78
17) 2-Methylphenol	6.987	107	603061	40.927	ng	94
18) Hexachloroethane	7.228	117	270220	45.328	ng	97
19) n-Nitroso-di-n-propyla...	7.140	70	488396	39.879	ng	95
20) 3+4-Methylphenols	7.140	107	743057	42.820	ng	# 73
22) Acetophenone	7.128	105	1039414	45.911	ng	# 92
24) Nitrobenzene	7.304	77	760722	41.461	ng	99
25) Isophorone	7.545	82	1452659	42.255	ng	99
26) 2-Nitrophenol	7.622	139	430549	48.651	ng	89
27) 2,4-Dimethylphenol	7.669	122	692742	45.650	ng	97
28) bis(2-Chloroethoxy)met...	7.757	93	896305	44.071	ng	99
29) 2,4-Dichlorophenol	7.869	162	644548	46.657	ng	97
30) 1,2,4-Trichlorobenzene	7.945	180	650470	45.450	ng	99
31) Naphthalene	8.022	128	2106560	43.110	ng	99
32) Benzoic acid	7.798	122	227336	24.253	ng	94
33) 4-Chloroaniline	8.075	127	290199	14.699	ng	98
34) Hexachlorobutadiene	8.139	225	355264	44.788	ng	99
35) Caprolactam	8.451	113	206481m	44.493	ng	
36) 4-Chloro-3-methylphenol	8.575	107	693859	46.577	ng	97
37) 2-Methylnaphthalene	8.716	142	1419915	42.503	ng	98
38) 1-Methylnaphthalene	8.816	142	1323940	42.363	ng	100
40) 1,2,4,5-Tetrachloroben...	8.886	216	600459	43.651	ng	99
41) Hexachlorocyclopentadiene	8.869	237	604438	75.342	ng	99
43) 2,4,6-Trichlorophenol	8.998	196	430278	45.229	ng	99

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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.045	196	466726	42.421	ng	97
46) 1,1'-Biphenyl	9.181	154	1776608	43.792	ng	99
47) 2-Chloronaphthalene	9.204	162	1343973	45.261	ng	98
48) 2-Nitroaniline	9.304	65	426075	43.416	ng	98
49) Acenaphthylene	9.616	152	2050910	43.226	ng	99
50) Dimethylphthalate	9.486	163	1686847	47.285	ng	99
51) 2,6-Dinitrotoluene	9.545	165	385335	47.991	ng	95
52) Acenaphthene	9.792	154	1395947m	43.929	ng	
53) 3-Nitroaniline	9.716	138	286305	29.989	ng	96
54) 2,4-Dinitrophenol	9.828	184	210881	52.251	ng	92
55) Dibenzofuran	9.963	168	1830384	42.226	ng	99
56) 4-Nitrophenol	9.898	139	524244	70.898	ng	97
57) 2,4-Dinitrotoluene	9.951	165	474254	46.315	ng	98
58) Fluorene	10.304	166	1396590	43.976	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.086	232	383465	44.957	ng	98
60) Diethylphthalate	10.186	149	1574344	46.721	ng	99
61) 4-Chlorophenyl-phenyle...	10.298	204	684308	44.216	ng	98
62) 4-Nitroaniline	10.333	138	421798	48.070	ng	98
63) Azobenzene	10.457	77	1597395	44.750	ng	97
65) 4,6-Dinitro-2-methylph...	10.363	198	202019	36.587	ng	82
66) n-Nitrosodiphenylamine	10.422	169	1319051	44.639	ng	99
67) 4-Bromophenyl-phenylether	10.786	248	440182	44.553	ng	99
68) Hexachlorobenzene	10.857	284	478272	47.242	ng	95
69) Atrazine	10.951	200	459890	54.012	ng	98
70) Pentachlorophenol	11.051	266	429668	59.592	ng	98
71) Phenanthrene	11.263	178	2119404	43.287	ng	99
72) Anthracene	11.316	178	2213058	44.167	ng	99
73) Carbazole	11.475	167	1979995	44.378	ng	99
74) Di-n-butylphthalate	11.804	149	2452722	48.577	ng	100
75) Fluoranthene	12.451	202	2042934	41.575	ng	99
77) Benzidine	12.574	184	457253	64.644	ng	# 94
78) Pyrene	12.680	202	2040606	56.910	ng	99
80) Butylbenzylphthalate	13.298	149	841830	66.307	ng	96
81) Benzo(a)anthracene	13.868	228	1249984	43.456	ng	100
82) 3,3'-Dichlorobenzidine	13.827	252	273612	34.433	ng	99
83) Chrysene	13.904	228	1241324	43.166	ng	99
84) Bis(2-ethylhexyl)phtha...	13.863	149	940014	58.988	ng	99
85) Di-n-octyl phthalate	14.474	149	1578520	60.749	ng	96
87) Indeno(1,2,3-cd)pyrene	16.686	276	1689144	57.875	ng	100
88) Benzo(b)fluoranthene	14.892	252	1475886	45.214	ng	99
89) Benzo(k)fluoranthene	14.921	252	1223135	37.800	ng	99
90) Benzo(a)pyrene	15.239	252	1252802	42.166	ng	98
91) Dibenzo(a,h)anthracene	16.704	278	1418438	58.270	ng	97
92) Benzo(g,h,i)perylene	17.104	276	1378485	57.360	ng	97

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

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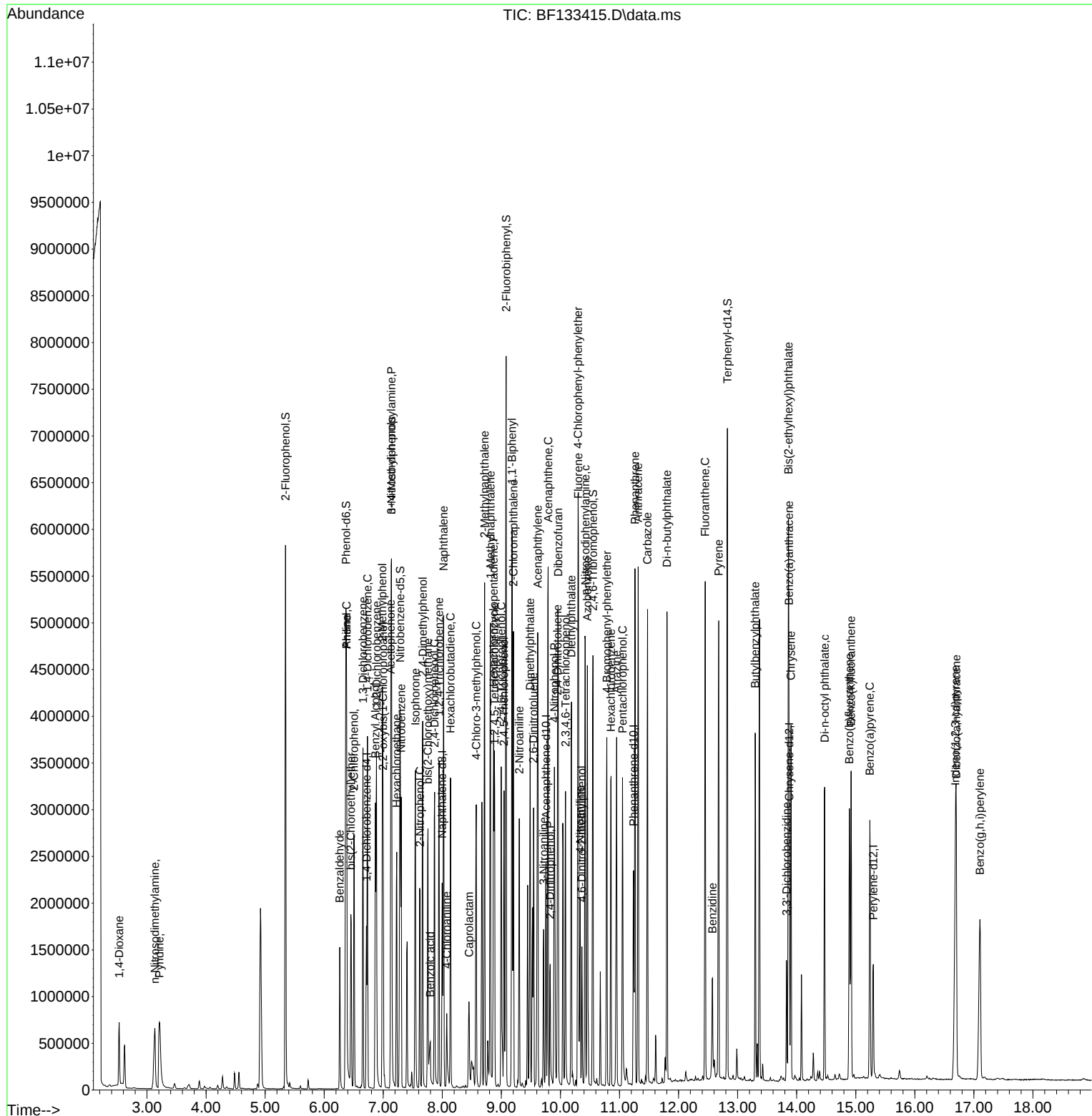
Quant Time: May 17 17:13:59 2023

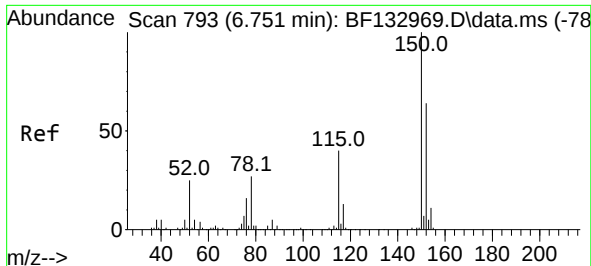
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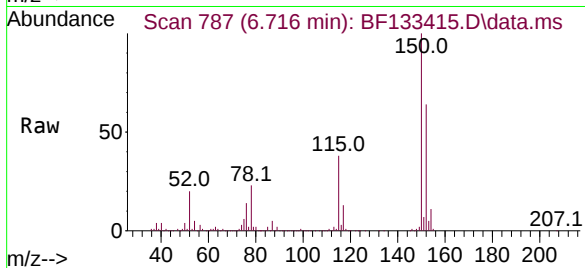
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.716 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF133415.D
Acq: 17 May 2023 16:11

Instrument :

BNA_F

ClientSampleId :

WC-N-1MSD

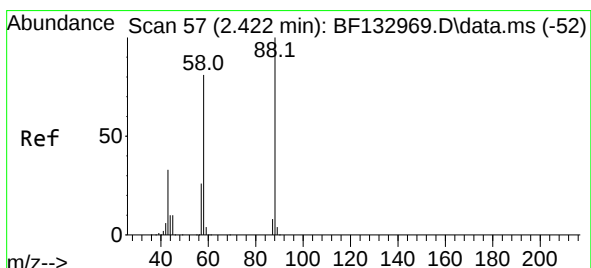
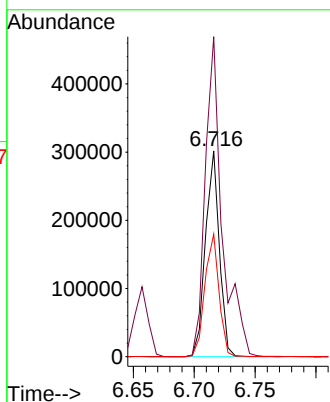
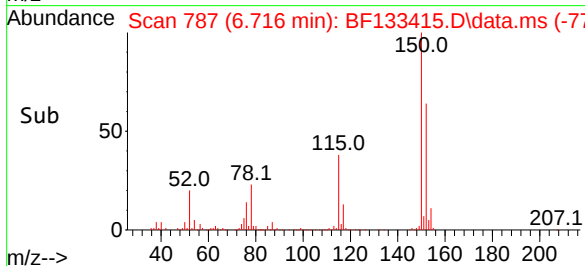


Tgt Ion:152 Resp: 239419
Ion Ratio Lower Upper
152 100
150 155.5 124.8 187.2
115 59.6 49.9 74.9

Manual Integrations

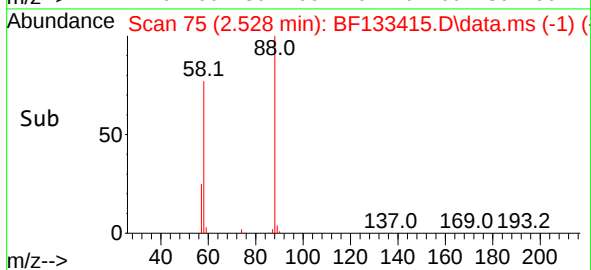
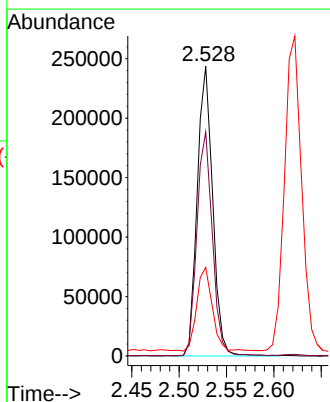
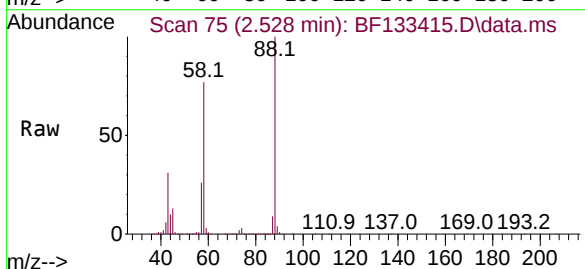
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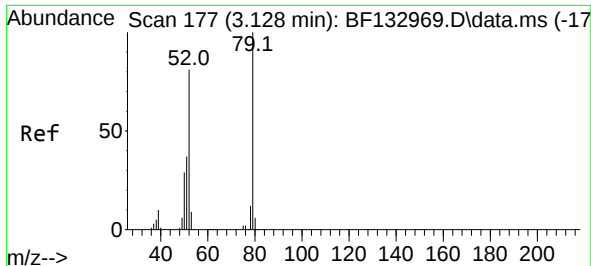
Reviewed By :Christian Giraldo 05/18/2023
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#2
1,4-Dioxane
Concen: 37.623 ng
RT: 2.528 min Scan# 75
Delta R.T. 0.159 min
Lab File: BF133415.D
Acq: 17 May 2023 16:11

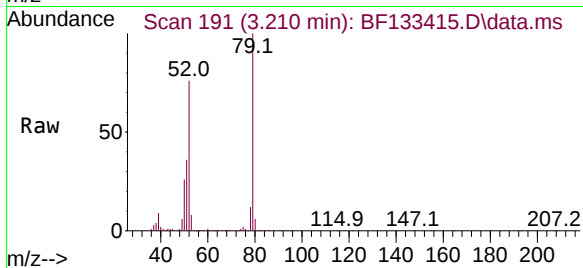
Tgt Ion: 88 Resp: 276582
Ion Ratio Lower Upper
88 100
58 77.5 64.7 97.1
43 0.0 26.2 39.2#





#3
Pyridine
Concen: 32.833 ng
RT: 3.210 min Scan# 177
Delta R.T. 0.147 min
Lab File: BF133415.D
Acq: 17 May 2023 16:11

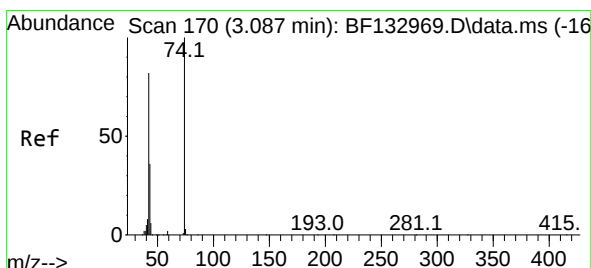
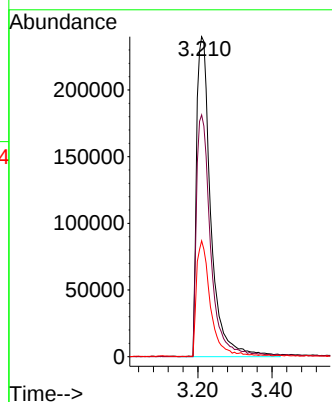
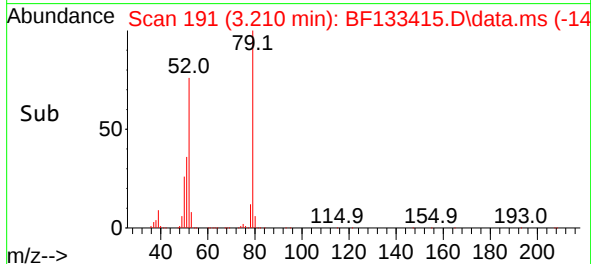
Instrument :
BNA_F
ClientSampleId :
WC-N-1MSD



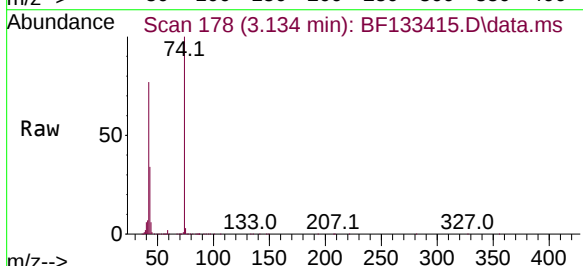
Tgt Ion: 79 Resp: 641079
Ion Ratio Lower Upper
79 100
52 75.6 64.6 96.8
51 36.2 30.0 45.0

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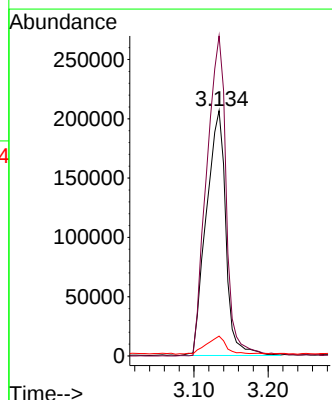
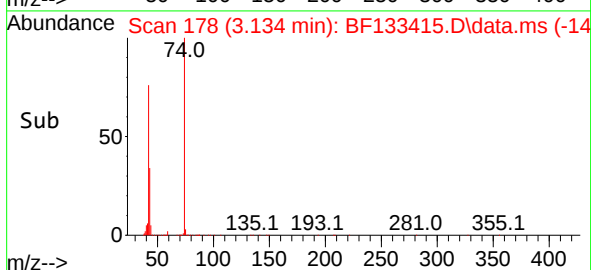
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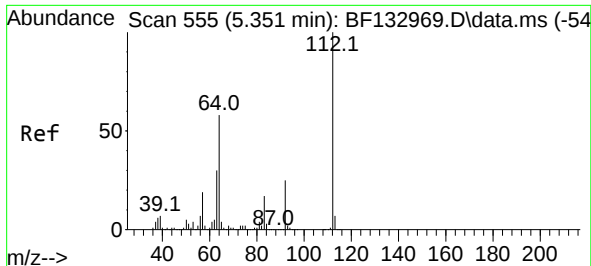


#4
n-Nitrosodimethylamine
Concen: 37.460 ng
RT: 3.134 min Scan# 178
Delta R.T. 0.106 min
Lab File: BF133415.D
Acq: 17 May 2023 16:11



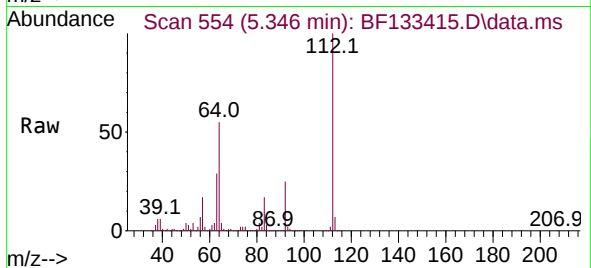
Tgt Ion: 42 Resp: 378851
Ion Ratio Lower Upper
42 100
74 130.5 98.0 147.0
44 8.1 5.8 8.8





#5
2-Fluorophenol
Concen: 115.752 ng
RT: 5.346 min Scan# 51
Delta R.T. 0.012 min
Lab File: BF133415.D
Acq: 17 May 2023 16:11

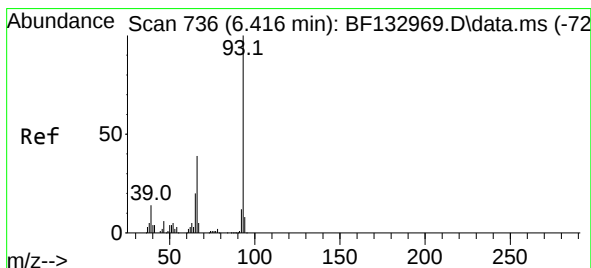
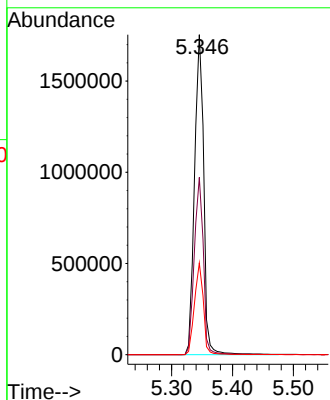
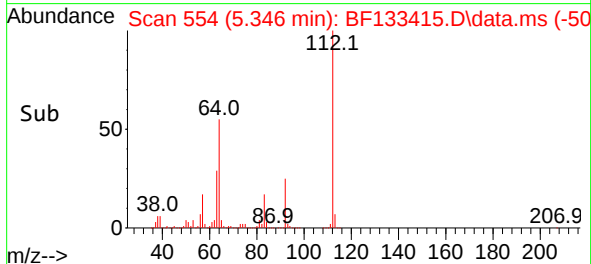
Instrument :
BNA_F
ClientSampleId :
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Tgt Ion:112 Resp: 183456
Ion Ratio Lower Upper
112 100
64 55.4 46.8 70.2
63 28.7 23.8 35.8

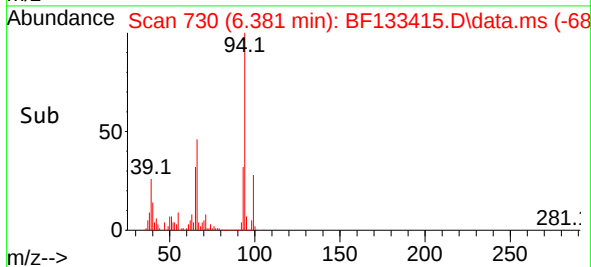
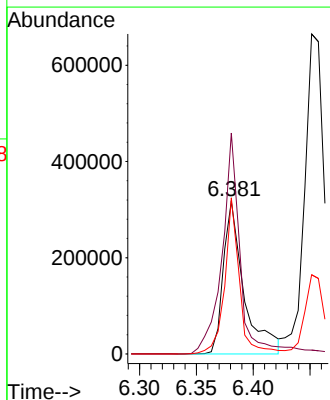
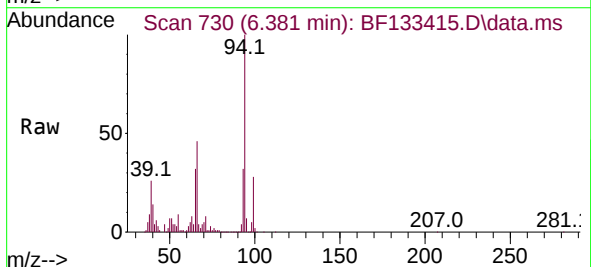
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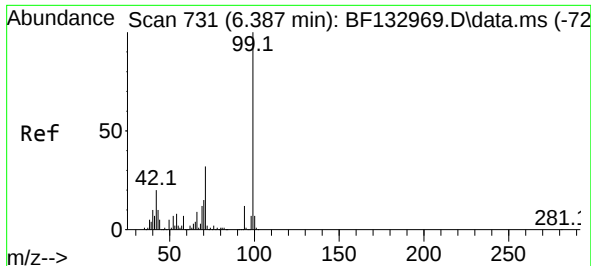
Reviewed By :Christian Giraldo 05/18/2023
Supervised By :Jagrut Upadhyay 05/18/2023



#6
Aniline
Concen: 15.939 ng
RT: 6.381 min Scan# 730
Delta R.T. -0.006 min
Lab File: BF133415.D
Acq: 17 May 2023 16:11

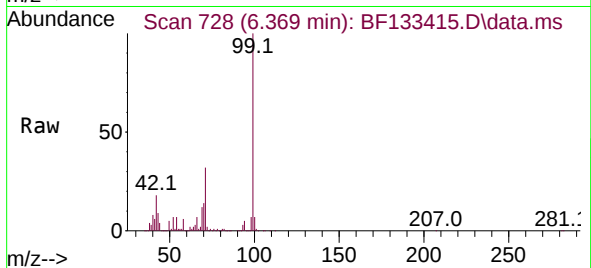
Tgt Ion: 93 Resp: 403841
Ion Ratio Lower Upper
93 100
66 144.6 31.5 47.3#
65 102.2 16.4 24.6#





#7
Phenol-d6
Concen: 107.775 ng
RT: 6.369 min Scan# 711
Delta R.T. -0.000 min
Lab File: BF133415.D
Acq: 17 May 2023 16:11

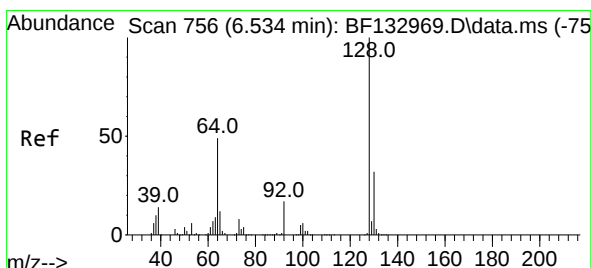
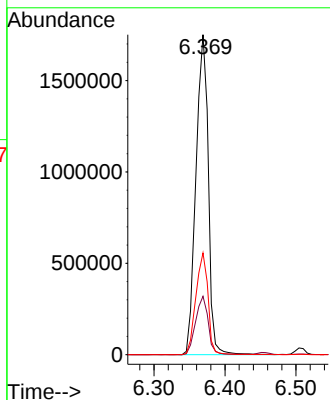
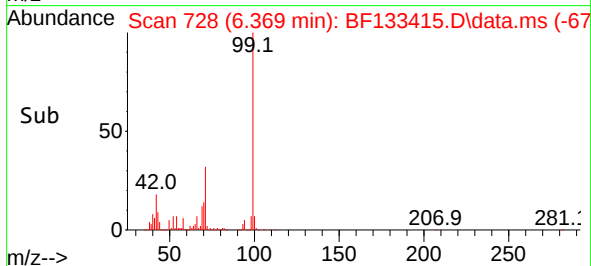
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Tgt Ion: 99 Resp: 212016
Ion Ratio Lower Upper
99 100
42 18.2 16.3 24.5
71 31.8 25.6 38.4

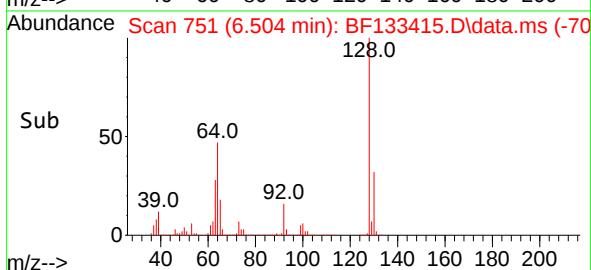
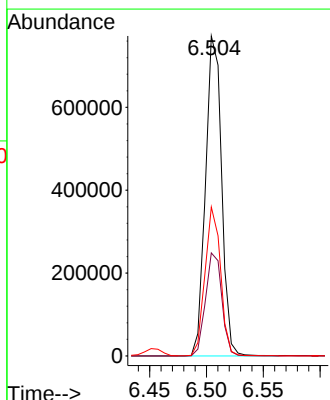
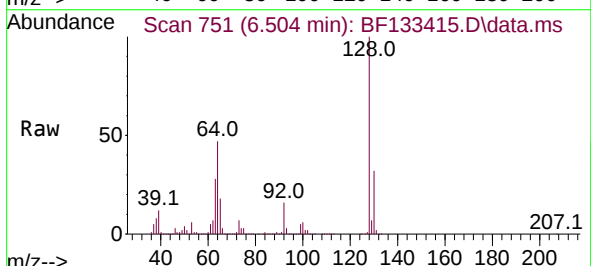
Manual Integrations
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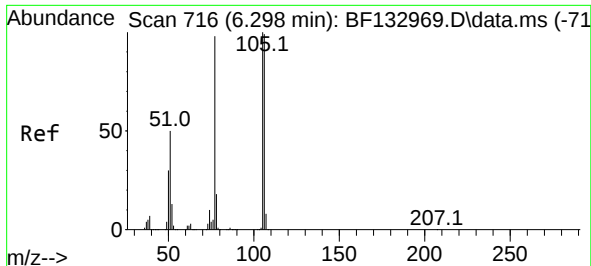
Reviewed By :Christian Giraldo 05/18/2023
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#8
2-Chlorophenol
Concen: 47.087 ng
RT: 6.504 min Scan# 751
Delta R.T. -0.006 min
Lab File: BF133415.D
Acq: 17 May 2023 16:11

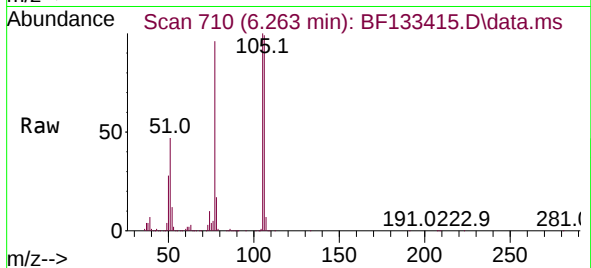
Tgt Ion:128 Resp: 757727
Ion Ratio Lower Upper
128 100
130 32.2 12.2 52.2
64 46.5 30.3 70.3





#9
Benzaldehyde
Concen: 28.192 ng
RT: 6.263 min Scan# 710
Delta R.T. -0.006 min
Lab File: BF133415.D
Acq: 17 May 2023 16:11

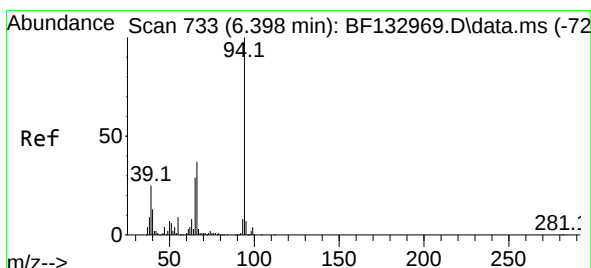
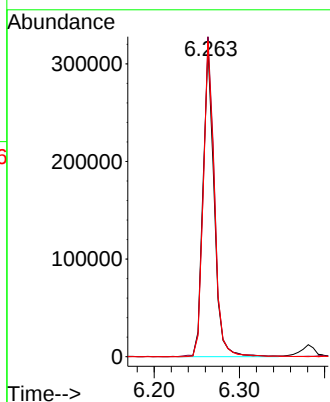
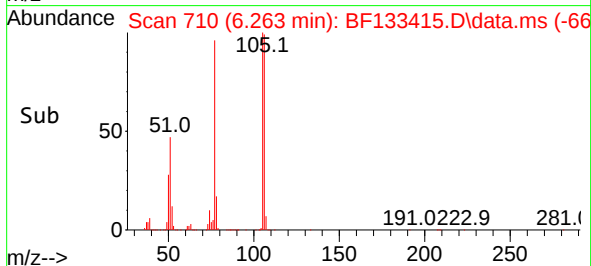
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Tgt Ion: 77 Resp: 286875
Ion Ratio Lower Upper
77 100
105 104.0 82.3 122.3
106 102.5 80.8 120.8

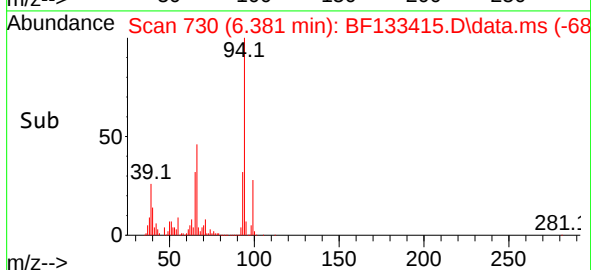
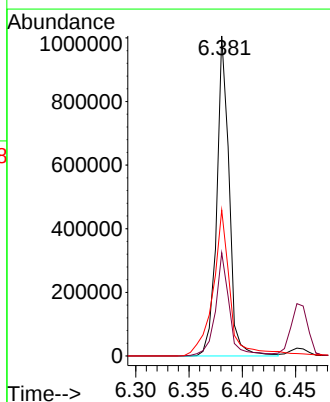
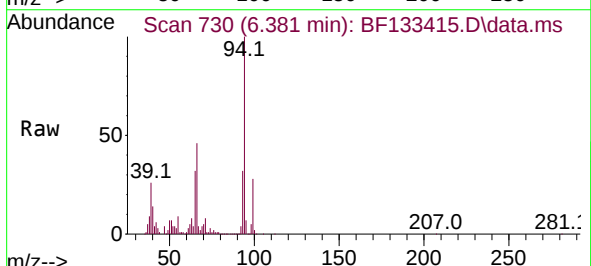
Manual Integrations
APPROVED

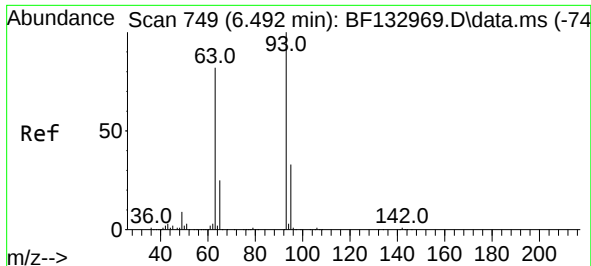
Reviewed By :Christian Giraldo 05/18/2023
Supervised By :Jagrut Upadhyay 05/18/2023



#10
Phenol
Concen: 37.303 ng
RT: 6.381 min Scan# 730
Delta R.T. -0.006 min
Lab File: BF133415.D
Acq: 17 May 2023 16:11

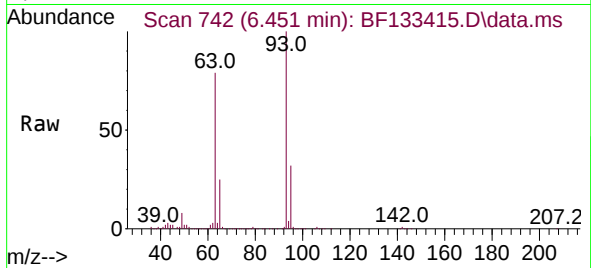
Tgt Ion: 94 Resp: 809551
Ion Ratio Lower Upper
94 100
65 32.2 8.6 48.6
66 45.6 17.3 57.3





#11
bis(2-Chloroethyl)ether
Concen: 47.733 ng
RT: 6.451 min Scan# 749
Delta R.T. -0.012 min
Lab File: BF133415.D
Acq: 17 May 2023 16:11

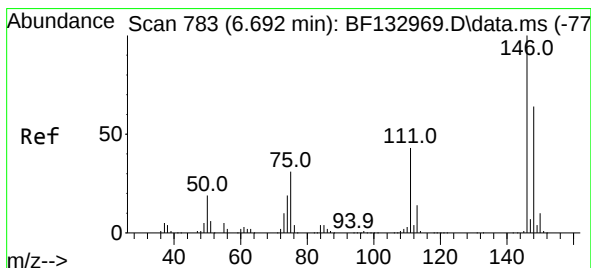
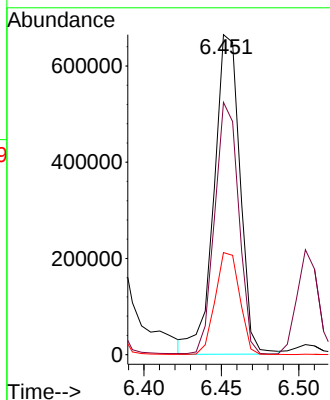
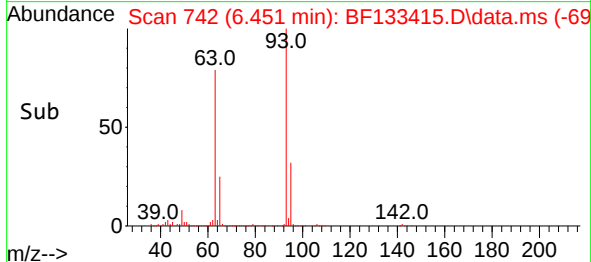
Instrument :
BNA_F
ClientSampleId :
WC-N-1MSD



Tgt Ion: 93 Resp: 77734
Ion Ratio Lower Upper
93 100
63 78.8 60.6 100.6
95 31.9 12.9 52.9

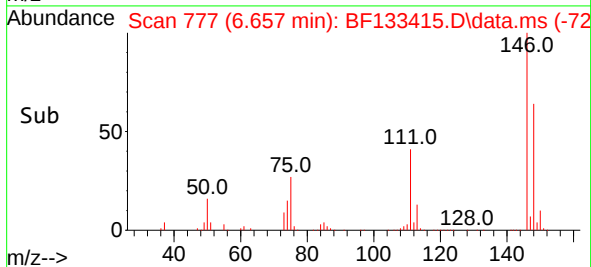
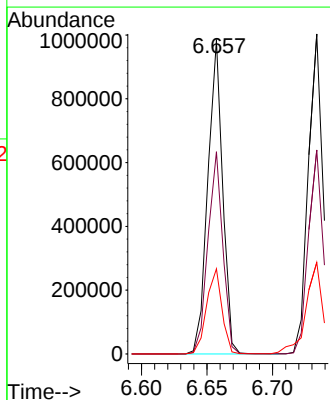
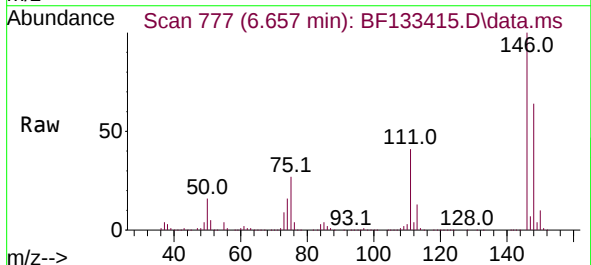
Manual Integrations
APPROVED

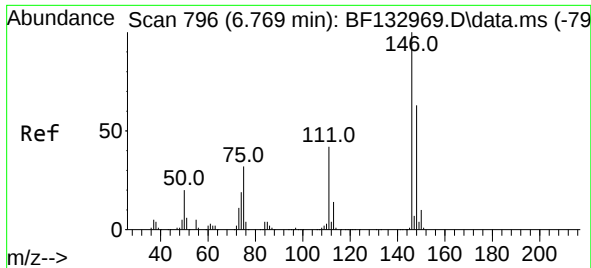
Reviewed By :Christian Giraldo 05/18/2023
Supervised By :Jagrut Upadhyay 05/18/2023



#12
1,3-Dichlorobenzene
Concen: 45.338 ng
RT: 6.657 min Scan# 777
Delta R.T. -0.006 min
Lab File: BF133415.D
Acq: 17 May 2023 16:11

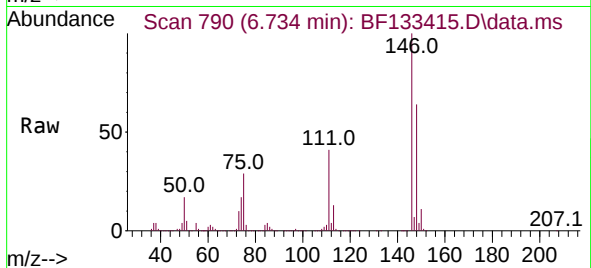
Tgt Ion:146 Resp: 775683
Ion Ratio Lower Upper
146 100
148 64.4 51.0 76.4
75 27.1 24.8 37.2





#13
1,4-Dichlorobenzene
Concen: 45.475 ng
RT: 6.734 min Scan# 796
Delta R.T. -0.006 min
Lab File: BF133415.D
Acq: 17 May 2023 16:11

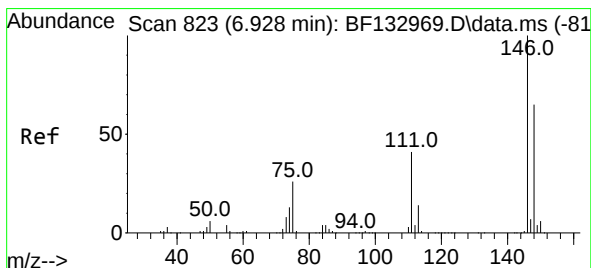
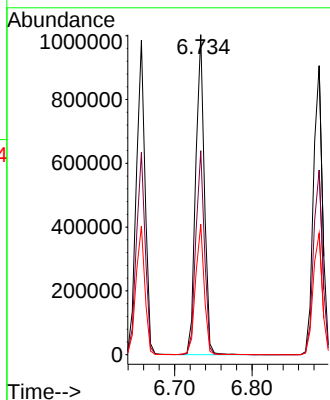
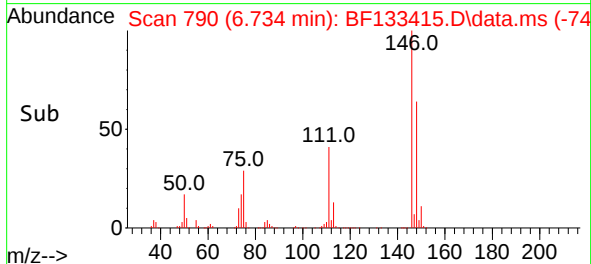
Instrument :
BNA_F
ClientSampleId :
WC-N-1MSD



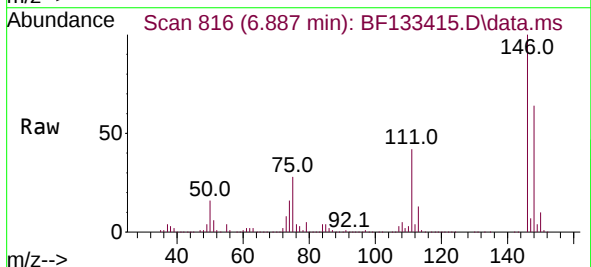
Tgt Ion:146 Resp: 779744
Ion Ratio Lower Upper
146 100
148 63.7 50.3 75.5
111 40.8 33.8 50.6

Manual Integrations
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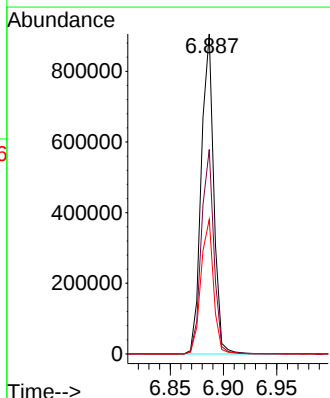
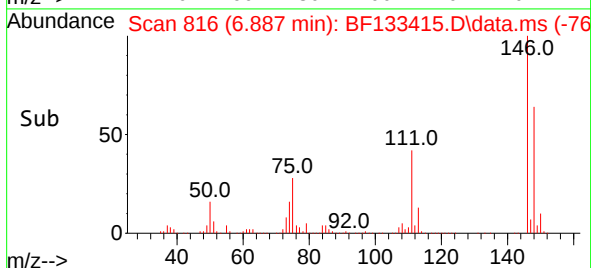
Reviewed By :Christian Giraldo 05/18/2023
Supervised By :Jagrut Upadhyay 05/18/2023

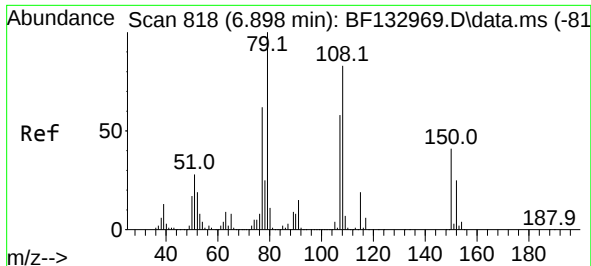


#14
1,2-Dichlorobenzene
Concen: 46.888 ng
RT: 6.887 min Scan# 816
Delta R.T. -0.006 min
Lab File: BF133415.D
Acq: 17 May 2023 16:11



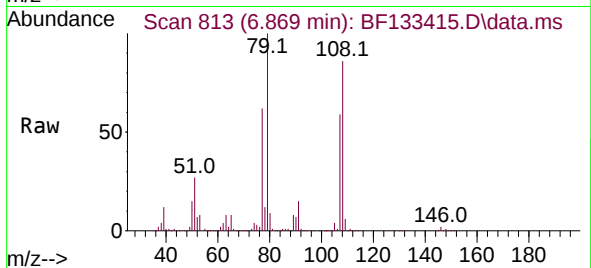
Tgt Ion:146 Resp: 741213
Ion Ratio Lower Upper
146 100
148 63.9 52.2 78.2
111 42.0 32.8 49.2





#15
Benzyl Alcohol
Concen: 46.677 ng
RT: 6.869 min Scan# 813
Delta R.T. -0.000 min
Lab File: BF133415.D
Acq: 17 May 2023 16:11

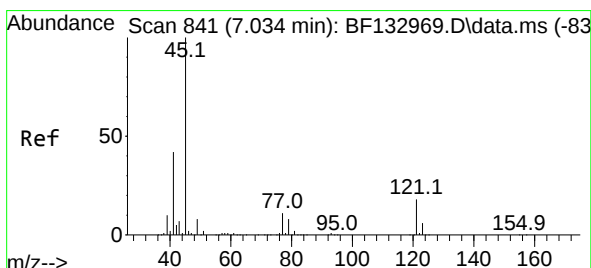
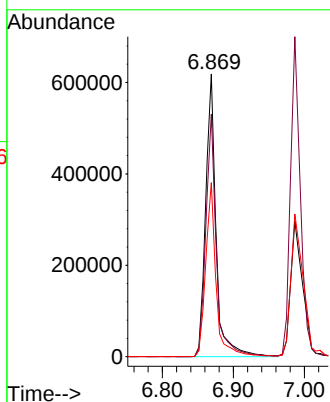
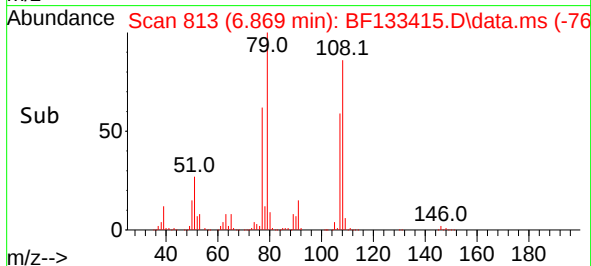
Instrument :
BNA_F
ClientSampleId :
WC-N-1MSD



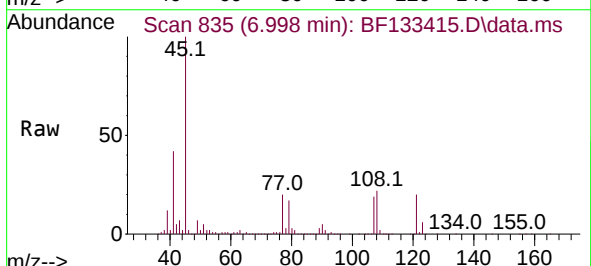
Tgt Ion: 79 Resp: 634285
Ion Ratio Lower Upper
79 100
108 85.8 66.6 99.8
77 61.6 49.2 73.8

Manual Integrations
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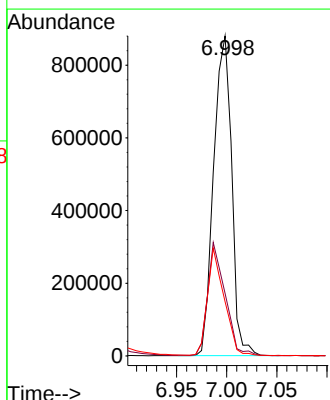
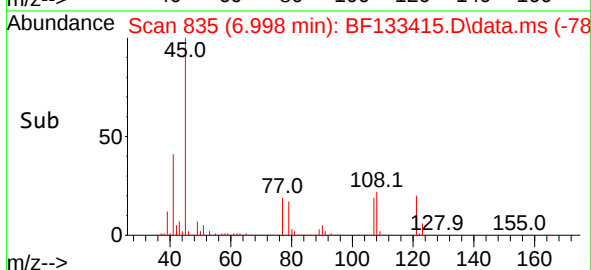
Reviewed By :Christian Giraldo 05/18/2023
Supervised By :Jagrut Upadhyay 05/18/2023

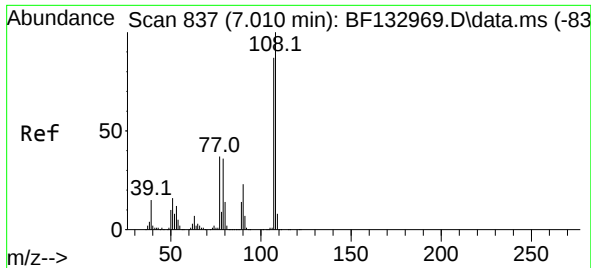


#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.791 ng
RT: 6.998 min Scan# 835
Delta R.T. -0.006 min
Lab File: BF133415.D
Acq: 17 May 2023 16:11



Tgt Ion: 45 Resp: 1097238
Ion Ratio Lower Upper
45 100
77 19.6 0.0 31.5
79 16.9 0.0 28.7





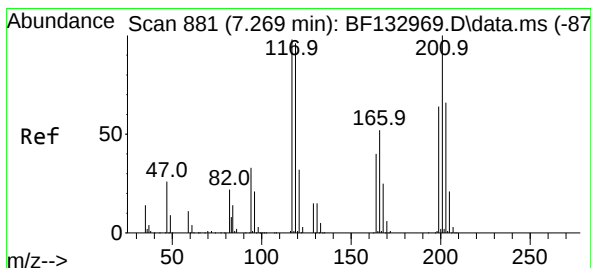
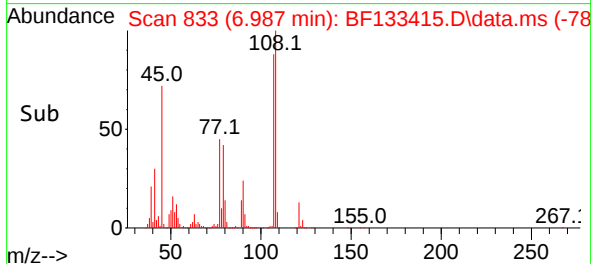
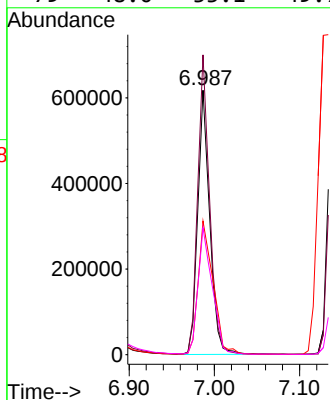
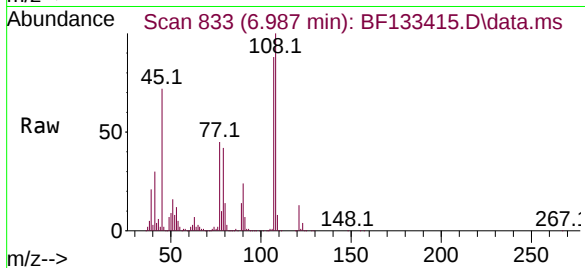
#17
2-Methylphenol
Concen: 40.927 ng
RT: 6.987 min Scan# 811
Delta R.T. -0.006 min
Lab File: BF133415.D
Acq: 17 May 2023 16:11

Instrument :
BNA_F
ClientSampleId :
WC-N-1MSD

Tgt Ion:	107	Resp:	60306
Ion Ratio	Lower	Upper	
107	100		
108	113.3	92.4	138.6
77	50.5	33.8	50.8
79	48.0	33.1	49.7

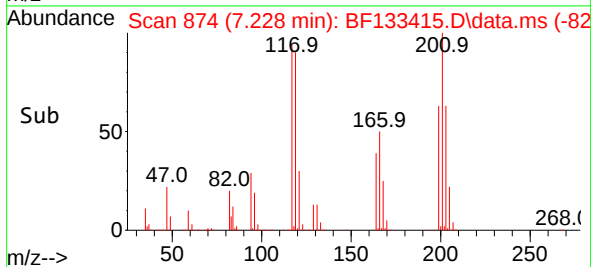
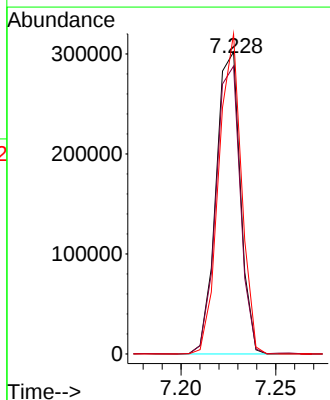
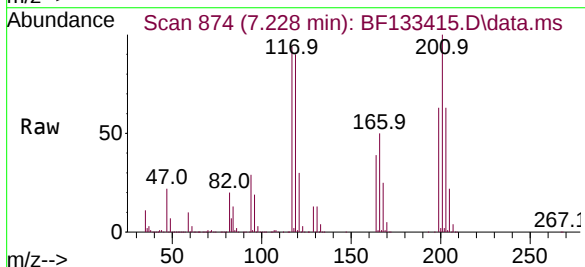
Manual Integrations
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Reviewed By :Christian Giraldo 05/18/2023
Supervised By :Jagrut Upadhyay 05/18/2023



#18
Hexachloroethane
Concen: 45.328 ng
RT: 7.228 min Scan# 874
Delta R.T. -0.006 min
Lab File: BF133415.D
Acq: 17 May 2023 16:11

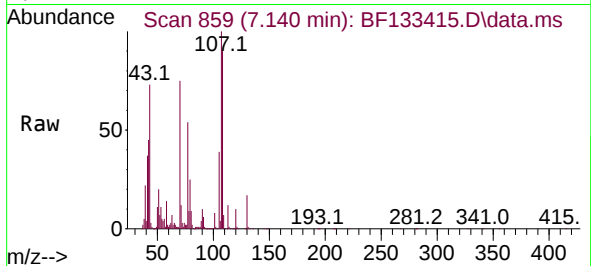
Tgt Ion:	117	Resp:	270220
Ion Ratio	Lower	Upper	
117	100		
119	95.3	78.2	117.4
201	106.0	81.7	122.5





#19
n-Nitroso-di-n-propylamine
Concen: 39.879 ng
RT: 7.140 min Scan# 859
Delta R.T. -0.006 min
Lab File: BF133415.D
Acq: 17 May 2023 16:11

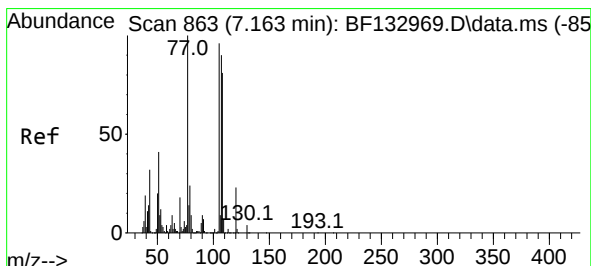
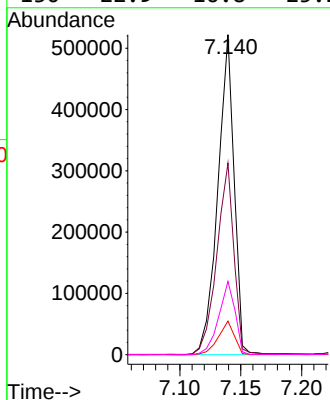
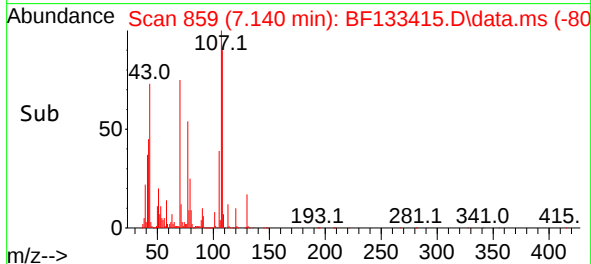
Instrument :
BNA_F
ClientSampleId :
WC-N-1MSD



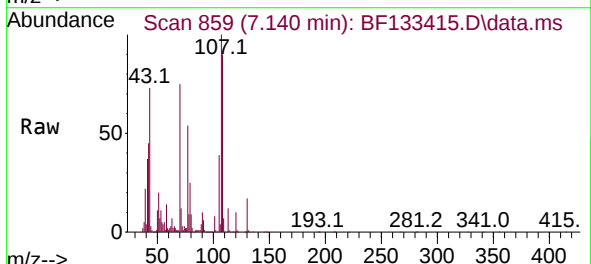
Tgt Ion: 70 Resp: 488390
Ion Ratio Lower Upper
70 100
42 59.8 51.8 77.6
101 10.5 8.0 12.0
130 22.9 16.8 25.2

Manual Integrations
APPROVED

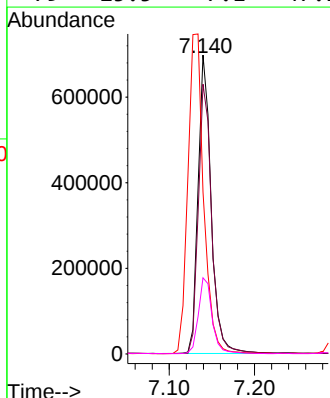
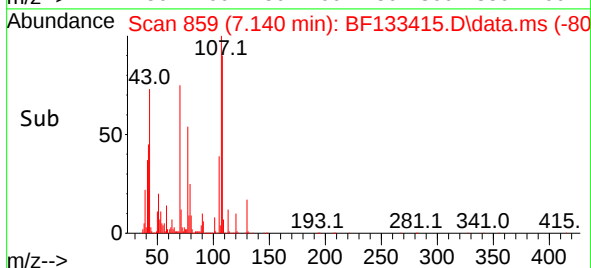
Reviewed By :Christian Giraldo 05/18/2023
Supervised By :Jagrut Upadhyay 05/18/2023

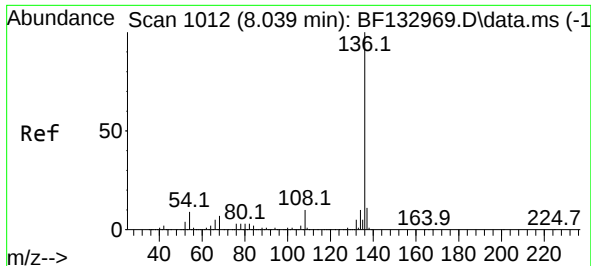


#20
3+4-Methylphenols
Concen: 42.820 ng
RT: 7.140 min Scan# 859
Delta R.T. -0.006 min
Lab File: BF133415.D
Acq: 17 May 2023 16:11



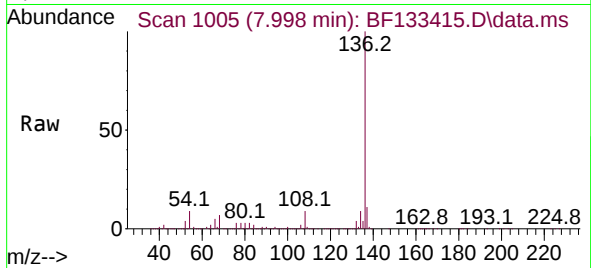
Tgt Ion:107 Resp: 743057
Ion Ratio Lower Upper
107 100
108 90.2 70.5 110.5
77 54.2 91.7 131.7#
79 25.5 7.1 47.1





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.998 min Scan# 1012
Delta R.T. -0.012 min
Lab File: BF133415.D
Acq: 17 May 2023 16:11

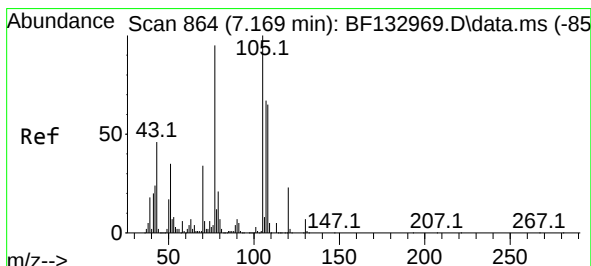
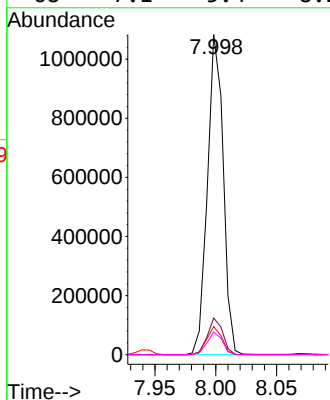
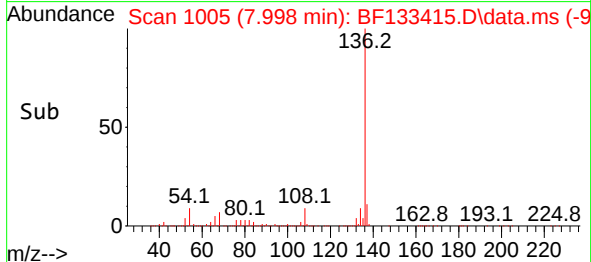
Instrument :
BNA_F
ClientSampleId :
WC-N-1MSD



Tgt Ion:136 Resp: 97734
Ion Ratio Lower Upper
136 100
137 11.5 8.6 13.0
54 8.8 7.0 10.4
68 7.1 5.4 8.2

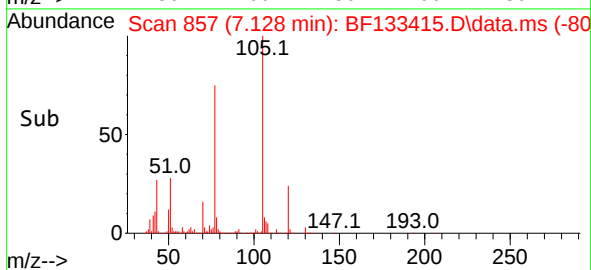
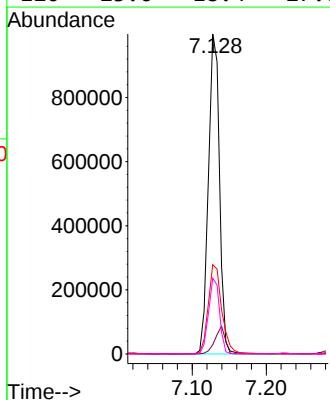
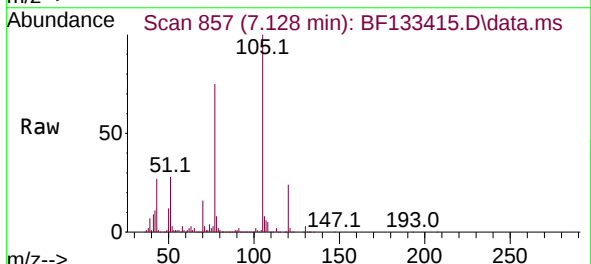
Manual Integrations
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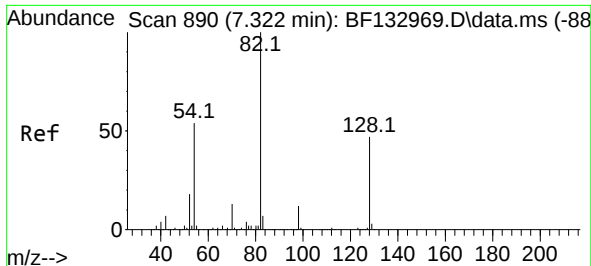
Reviewed By :Christian Giraldo 05/18/2023
Supervised By :Jagrut Upadhyay 05/18/2023



#22
Acetophenone
Concen: 45.911 ng
RT: 7.128 min Scan# 857
Delta R.T. -0.012 min
Lab File: BF133415.D
Acq: 17 May 2023 16:11

Tgt Ion:105 Resp: 1039414
Ion Ratio Lower Upper
105 100
71 2.9 4.6 7.0#
51 27.9 28.2 42.2#
120 23.6 18.4 27.6





#23

Nitrobenzene-d5

Concen: 81.743 ng

RT: 7.287 min Scan# 884

Delta R.T. -0.006 min

Lab File: BF133415.D

Acq: 17 May 2023 16:11

Instrument :

BNA_F

ClientSampleId :

WC-N-1MSD

Tgt Ion: 82 Resp: 1480109

Ion Ratio Lower Upper

82 100

128 49.5 37.7 56.5

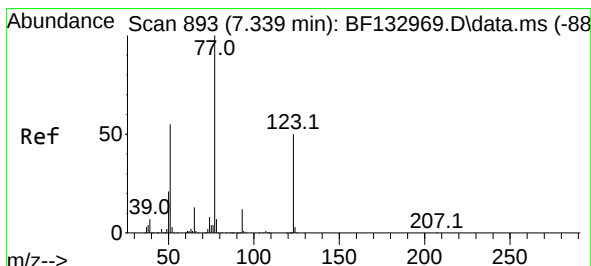
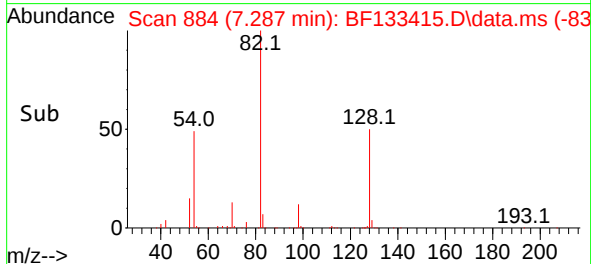
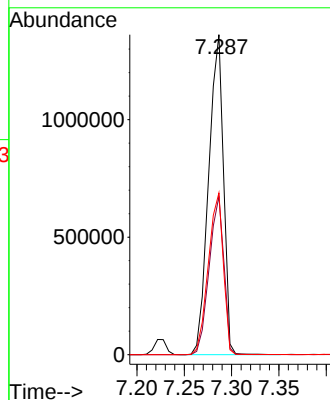
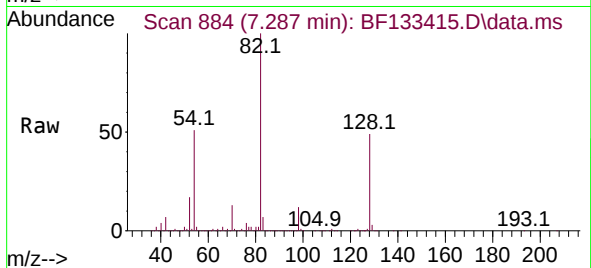
54 50.6 43.0 64.4

Manual Integrations

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Reviewed By :Christian Giraldo 05/18/2023

Supervised By :Jagrut Upadhyay 05/18/2023



#24

Nitrobenzene

Concen: 41.461 ng

RT: 7.304 min Scan# 887

Delta R.T. -0.006 min

Lab File: BF133415.D

Acq: 17 May 2023 16:11

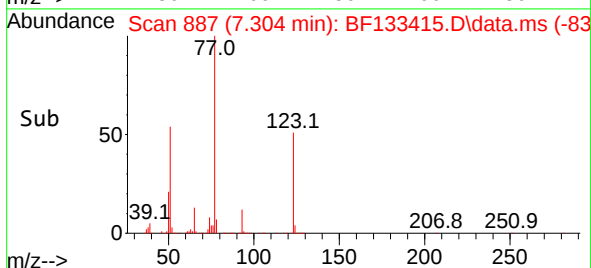
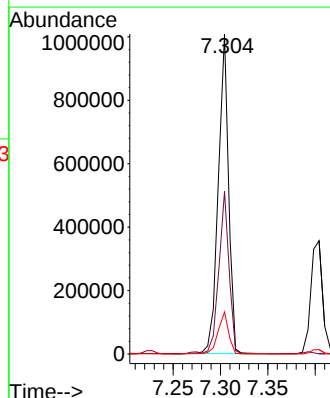
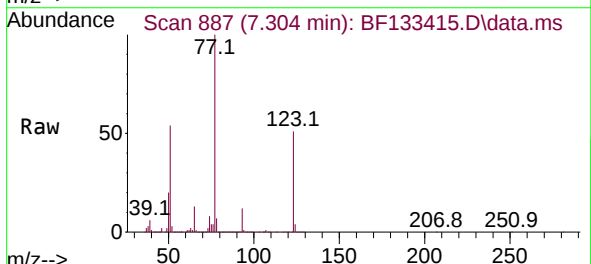
Tgt Ion: 77 Resp: 760722

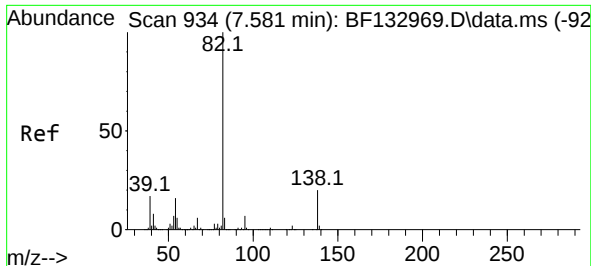
Ion Ratio Lower Upper

77 100

123 50.9 39.9 59.9

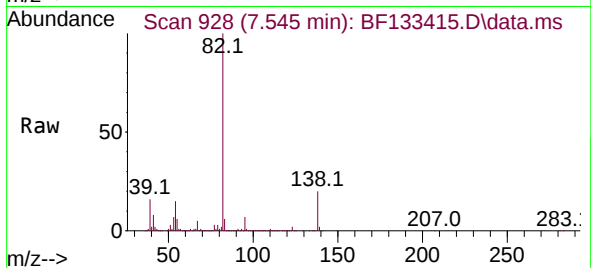
65 13.1 10.7 16.1





#25
Isophorone
Concen: 42.255 ng
RT: 7.545 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF133415.D
Acq: 17 May 2023 16:11

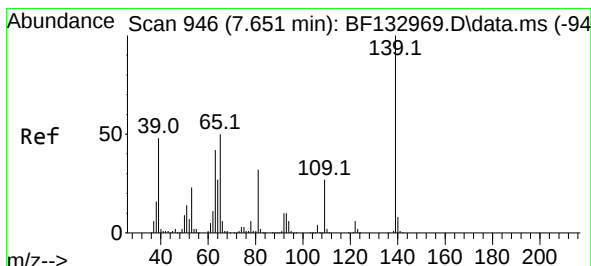
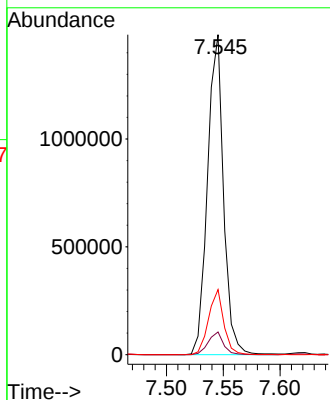
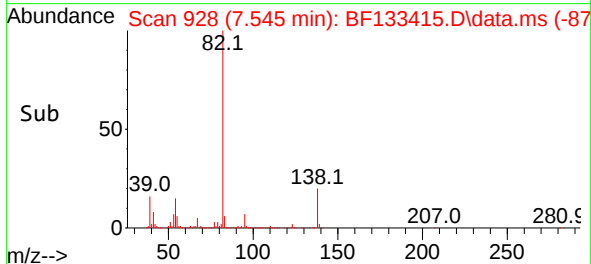
Instrument :
BNA_F
ClientSampleId :
WC-N-1MSD



Tgt Ion: 82 Resp: 1452659
Ion Ratio Lower Upper
82 100
95 7.1 5.4 8.0
138 20.3 16.0 24.0

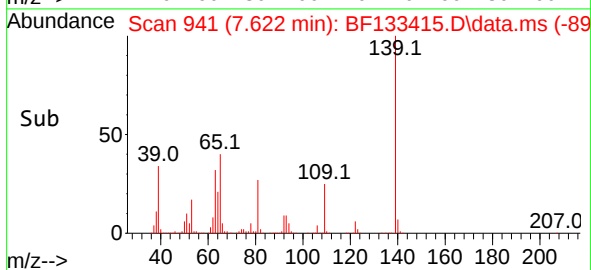
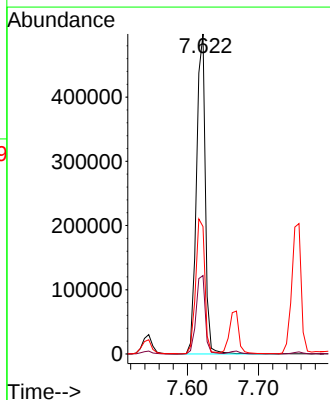
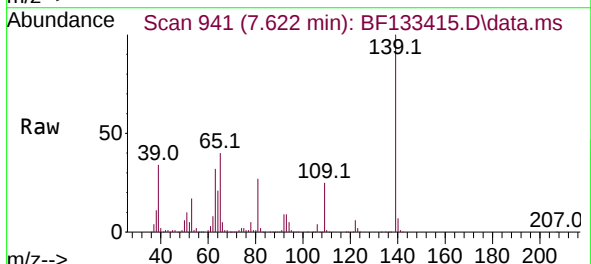
Manual Integrations
APPROVED

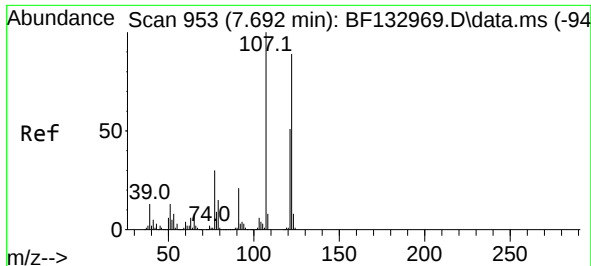
Reviewed By :Christian Giraldo 05/18/2023
Supervised By :Jagrut Upadhyay 05/18/2023



#26
2-Nitrophenol
Concen: 48.651 ng
RT: 7.622 min Scan# 941
Delta R.T. -0.006 min
Lab File: BF133415.D
Acq: 17 May 2023 16:11

Tgt Ion:139 Resp: 430549
Ion Ratio Lower Upper
139 100
109 24.5 21.6 32.4
65 39.8 39.8 59.6





#27

2,4-Dimethylphenol

Concen: 45.650 ng

RT: 7.669 min Scan# 94

Delta R.T. -0.000 min

Lab File: BF133415.D

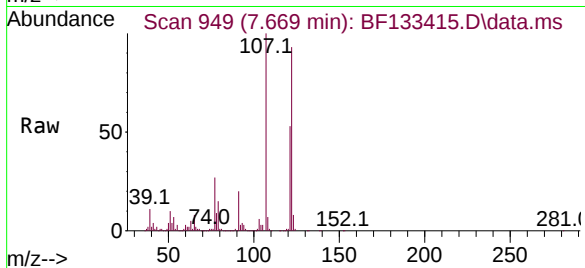
Acq: 17 May 2023 16:11

Instrument :

BNA_F

ClientSampleId :

WC-N-1MSD

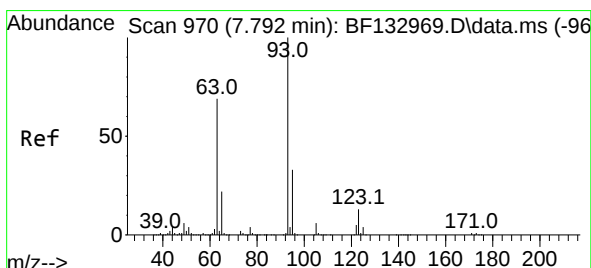
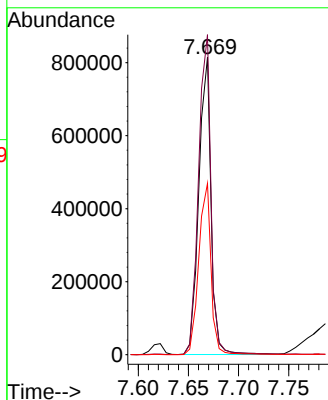
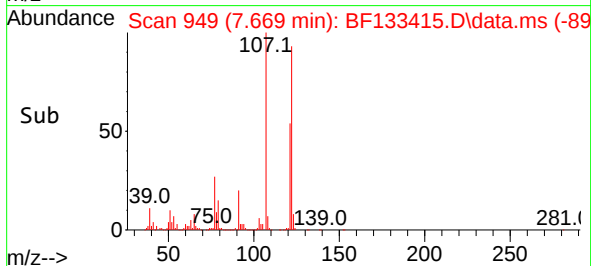


Tgt Ion:	122	Resp:	69274
Ion	Ratio	Lower	Upper
122	100		
107	107.6	89.7	134.5
121	57.6	46.0	69.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/18/2023
Supervised By :Jagrut Upadhyay 05/18/2023



#28

bis(2-Chloroethoxy)methane

Concen: 44.071 ng

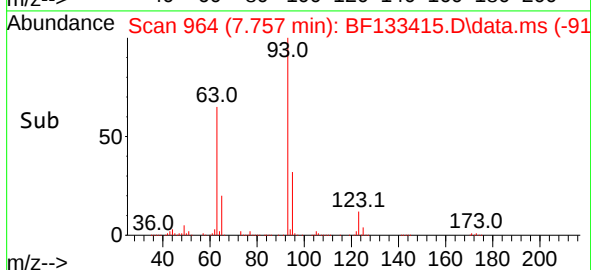
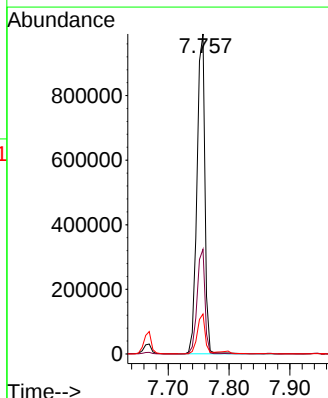
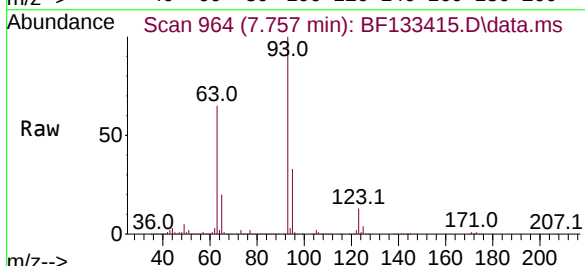
RT: 7.757 min Scan# 964

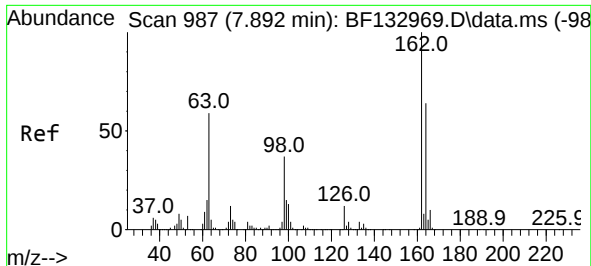
Delta R.T. -0.006 min

Lab File: BF133415.D

Acq: 17 May 2023 16:11

Tgt Ion:	93	Resp:	896305
Ion	Ratio	Lower	Upper
93	100		
95	32.7	26.4	39.6
123	12.5	10.3	15.5





#29
2,4-Dichlorophenol
Concen: 46.657 ng
RT: 7.869 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF133415.D
Acq: 17 May 2023 16:11

Instrument :

BNA_F

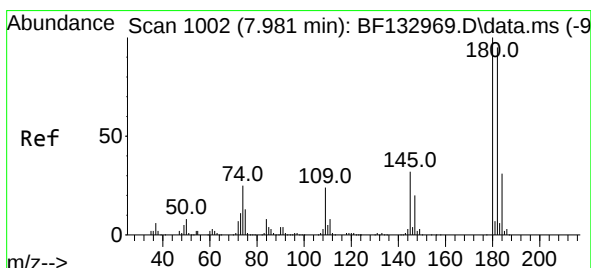
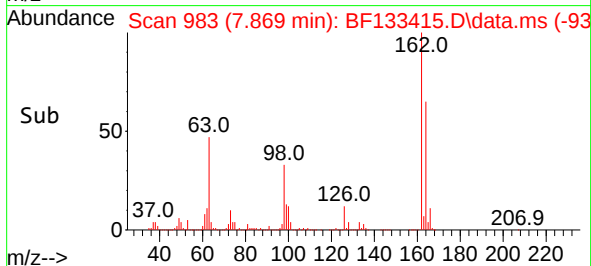
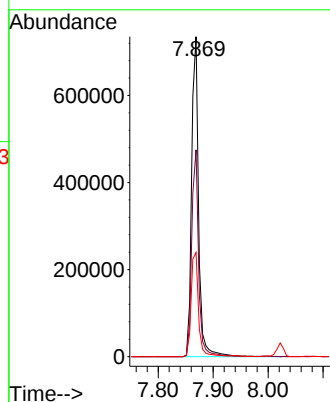
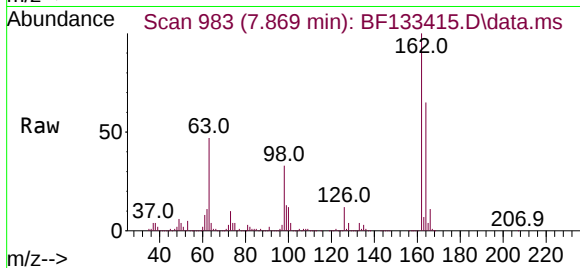
ClientSampleId :

WC-N-1MSD

Tgt Ion:162 Resp: 64454
Ion Ratio Lower Upper
162 100
164 64.7 43.9 83.9
98 32.6 17.0 57.0

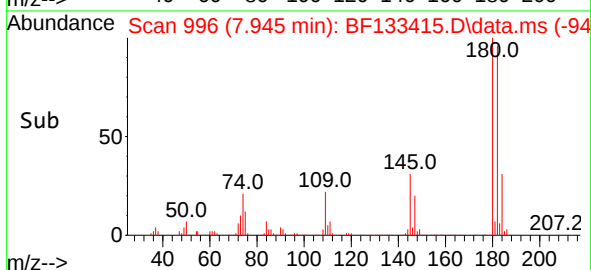
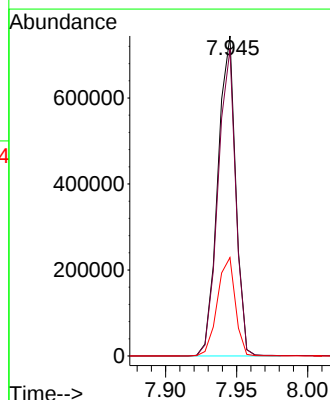
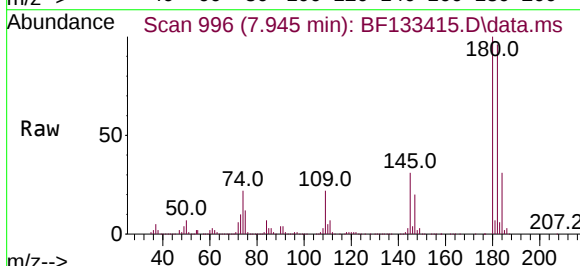
Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 05/18/2023
Supervised By :Jagrut Upadhyay 05/18/2023



#30
1,2,4-Trichlorobenzene
Concen: 45.450 ng
RT: 7.945 min Scan# 996
Delta R.T. -0.006 min
Lab File: BF133415.D
Acq: 17 May 2023 16:11

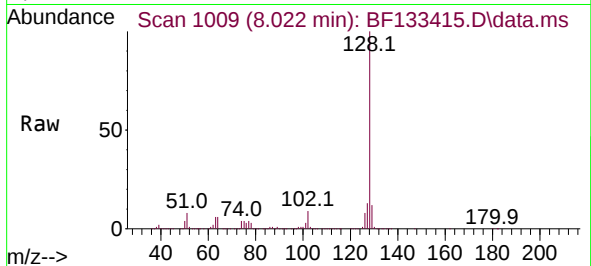
Tgt Ion:180 Resp: 650470
Ion Ratio Lower Upper
180 100
182 95.8 75.9 113.9
145 30.8 25.3 37.9





#31
Naphthalene
Concen: 43.110 ng
RT: 8.022 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BF133415.D
Acq: 17 May 2023 16:11

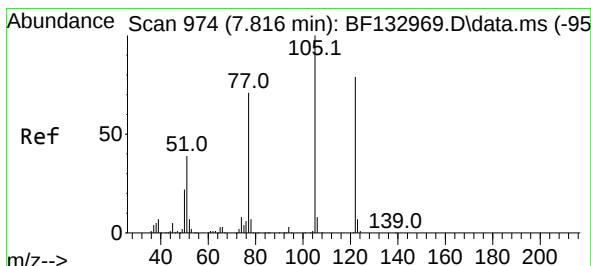
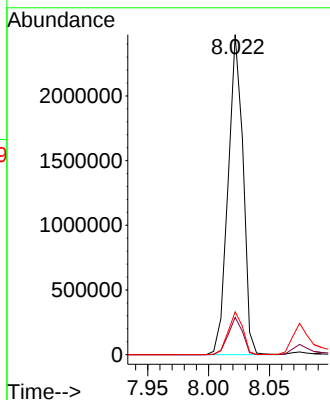
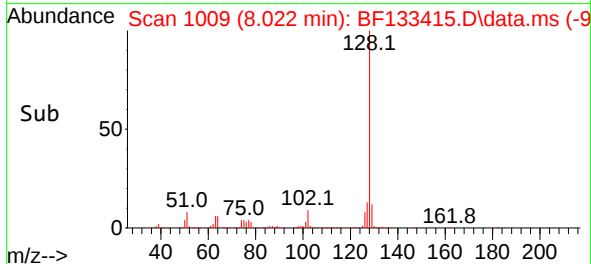
Instrument :
BNA_F
ClientSampleId :
WC-N-1MSD



Tgt Ion:128 Resp: 2106560
Ion Ratio Lower Upper
128 100
129 11.6 8.8 13.2
127 13.4 10.7 16.1

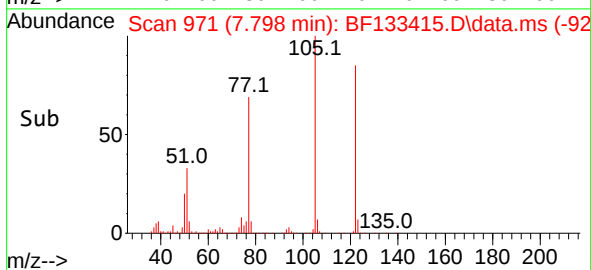
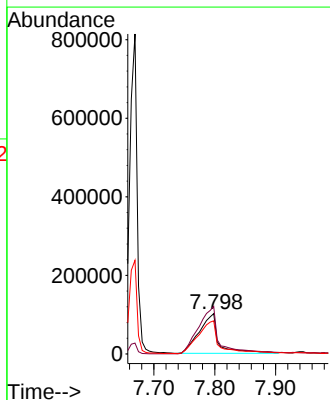
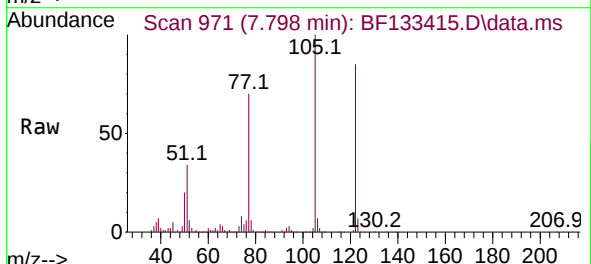
Manual Integrations
APPROVED

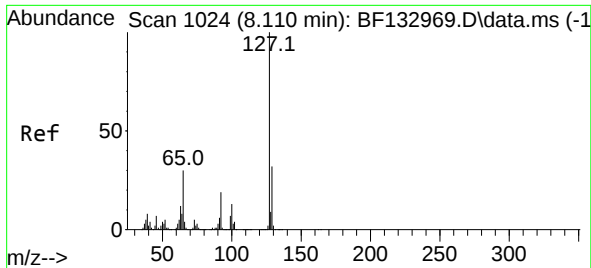
Reviewed By :Christian Giraldo 05/18/2023
Supervised By :Jagrut Upadhyay 05/18/2023



#32
Benzoic acid
Concen: 24.253 ng
RT: 7.798 min Scan# 971
Delta R.T. -0.006 min
Lab File: BF133415.D
Acq: 17 May 2023 16:11

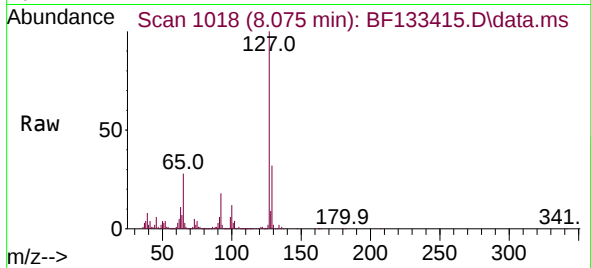
Tgt Ion:122 Resp: 227336
Ion Ratio Lower Upper
122 100
105 118.1 104.2 144.2
77 82.4 69.7 109.7





#33
4-Chloroaniline
Concen: 14.699 ng
RT: 8.075 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF133415.D
Acq: 17 May 2023 16:11

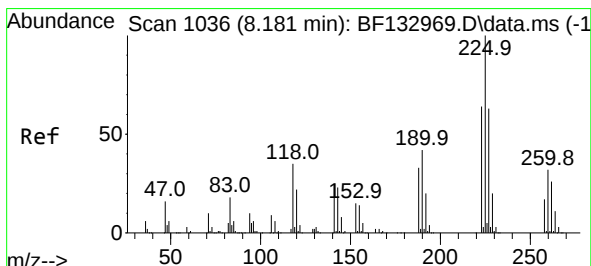
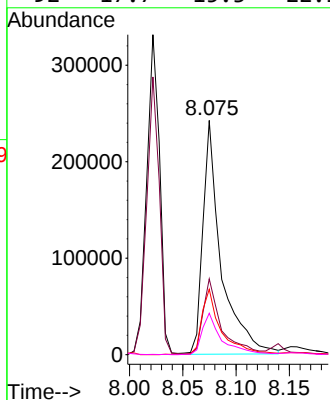
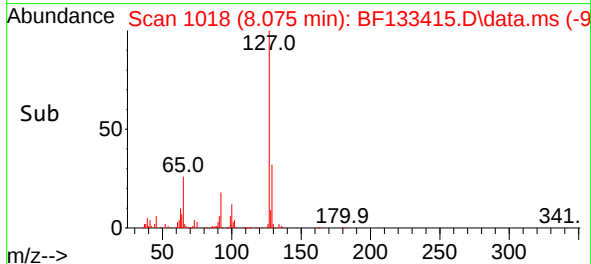
Instrument :
BNA_F
ClientSampleId :
WC-N-1MSD



Tgt Ion:	127	Resp:	290199
Ion Ratio	Lower	Upper	
127	100		
129	32.4	25.8	38.8
65	27.9	23.6	35.4
92	17.7	15.3	22.9

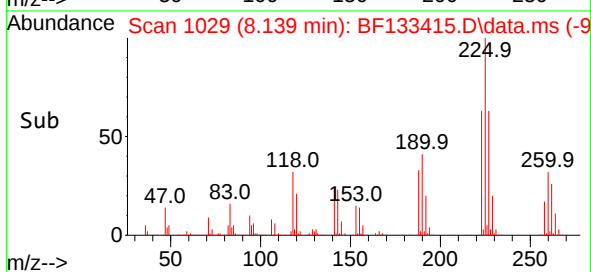
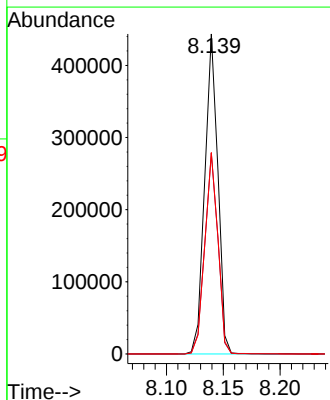
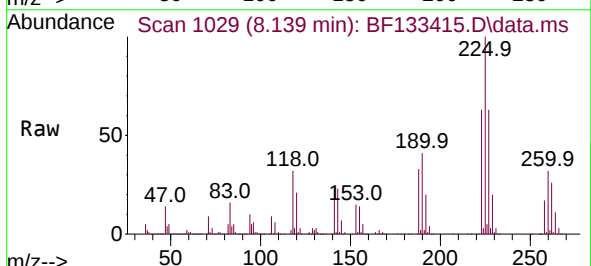
Manual Integrations
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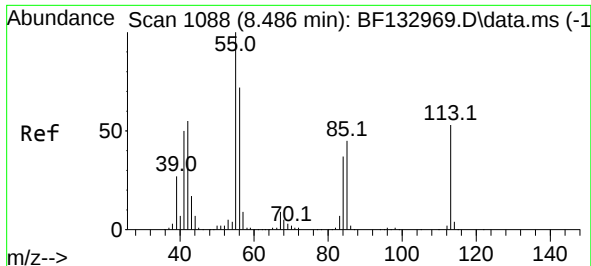
Reviewed By :Christian Giraldo 05/18/2023
Supervised By :Jagrut Upadhyay 05/18/2023



#34
Hexachlorobutadiene
Concen: 44.788 ng
RT: 8.139 min Scan# 1029
Delta R.T. -0.006 min
Lab File: BF133415.D
Acq: 17 May 2023 16:11

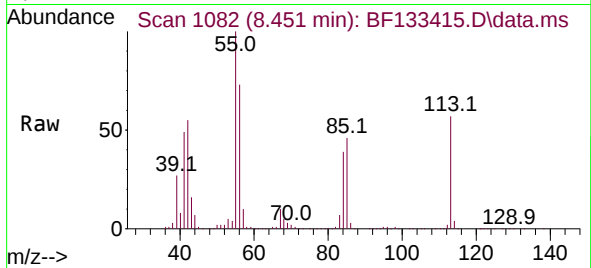
Tgt Ion:	225	Resp:	355264
Ion Ratio	Lower	Upper	
225	100		
223	62.8	50.9	76.3
227	63.0	50.3	75.5





#35
Caprolactam
Concen: 44.493 ng m
RT: 8.451 min Scan# 1103
Delta R.T. -0.012 min
Lab File: BF133415.D
Acq: 17 May 2023 16:11

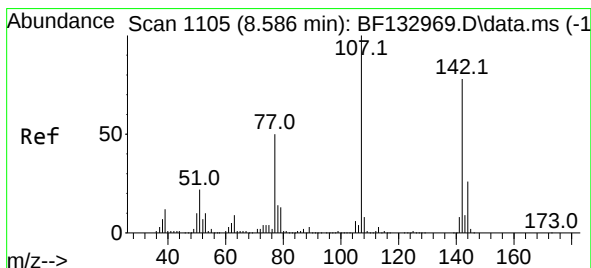
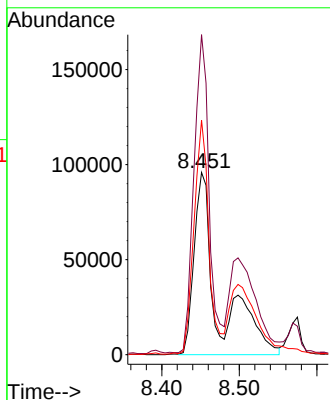
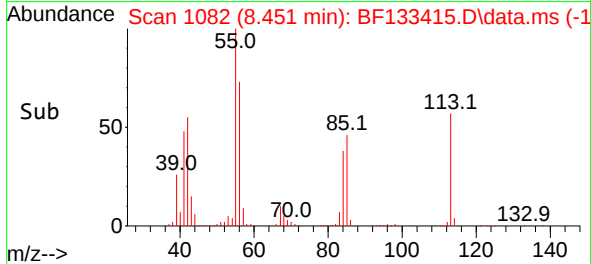
Instrument :
BNA_F
ClientSampleId :
WC-N-1MSD



Tgt Ion:113 Resp: 20648
Ion Ratio Lower Upper
113 100
55 175.7 167.1 207.1
56 128.8 114.5 154.5

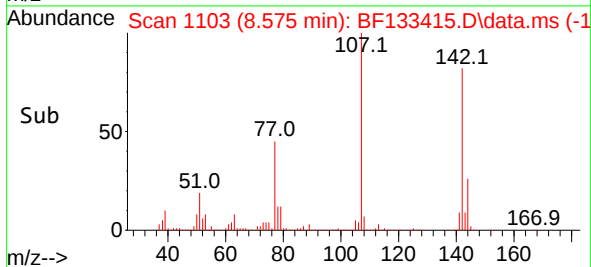
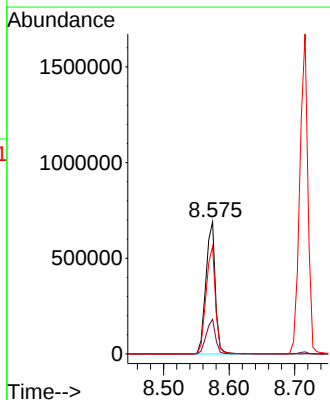
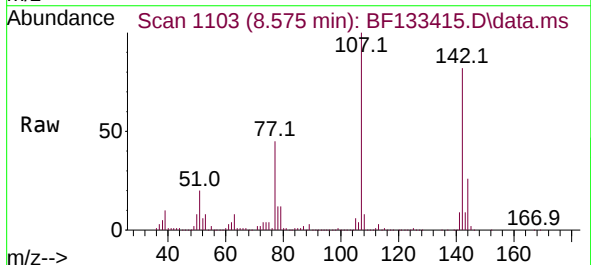
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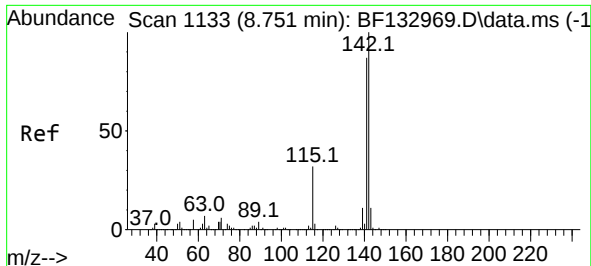
Reviewed By :Christian Giraldo 05/18/2023
Supervised By :Jagrut Upadhyay 05/18/2023



#36
4-Chloro-3-methylphenol
Concen: 46.577 ng
RT: 8.575 min Scan# 1103
Delta R.T. 0.006 min
Lab File: BF133415.D
Acq: 17 May 2023 16:11

Tgt Ion:107 Resp: 693859
Ion Ratio Lower Upper
107 100
144 26.2 20.6 30.8
142 81.5 62.8 94.2





#37

2-Methylnaphthalene

Concen: 42.503 ng

RT: 8.716 min Scan# 1133

Delta R.T. -0.006 min

Lab File: BF133415.D

Acq: 17 May 2023 16:11

Instrument :

BNA_F

ClientSampleId :

WC-N-1MSD

Tgt Ion:142 Resp: 141991

Ion Ratio Lower Upper

142 100

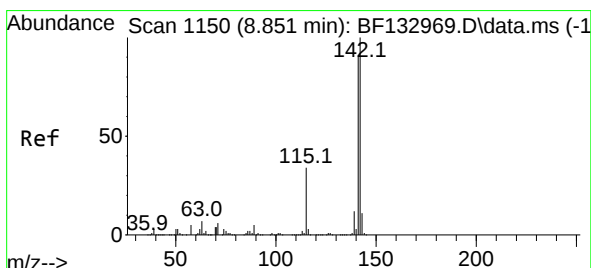
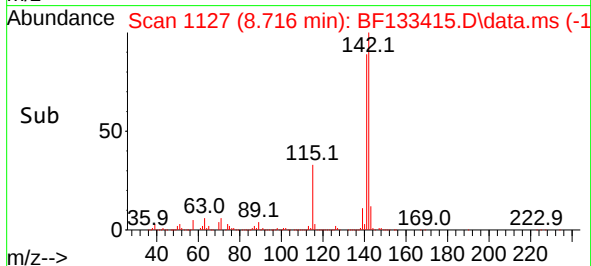
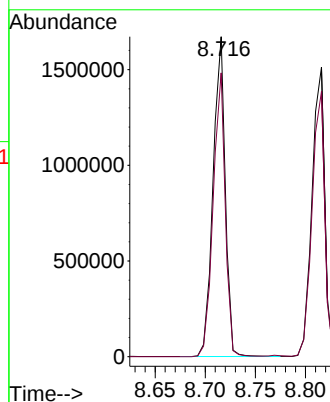
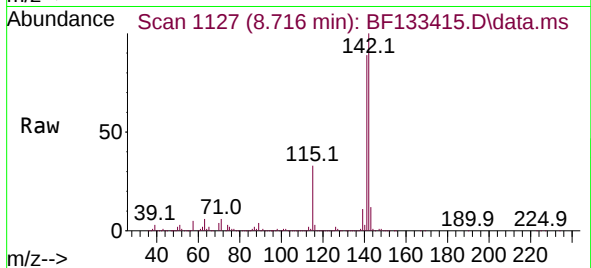
141 88.7 69.4 104.0

Manual Integrations

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Reviewed By :Christian Giraldo 05/18/2023

Supervised By :Jagrut Upadhyay 05/18/2023



#38

1-Methylnaphthalene

Concen: 42.363 ng

RT: 8.816 min Scan# 1144

Delta R.T. -0.006 min

Lab File: BF133415.D

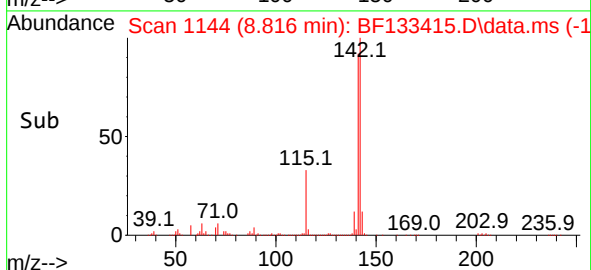
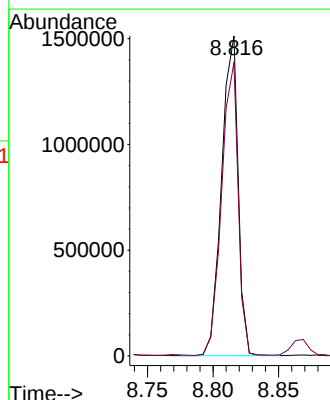
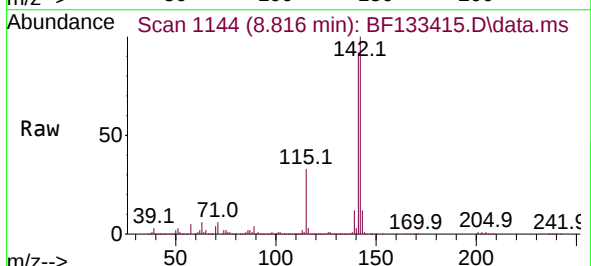
Acq: 17 May 2023 16:11

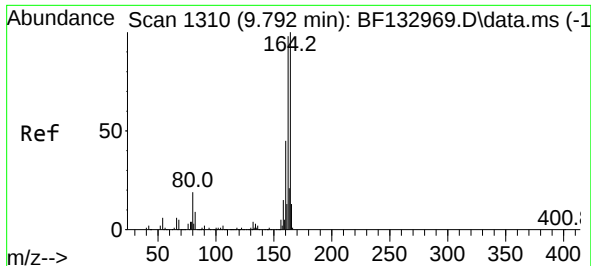
Tgt Ion:142 Resp: 1323940

Ion Ratio Lower Upper

142 100

141 91.6 73.1 109.7





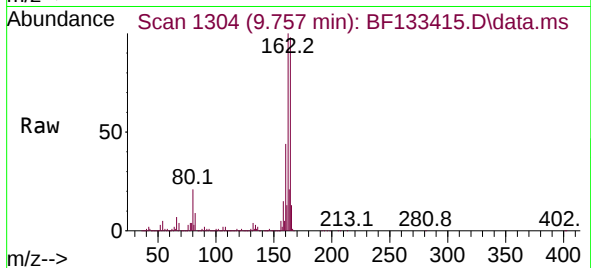
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.757 min Scan# 1110
Delta R.T. -0.006 min
Lab File: BF133415.D
Acq: 17 May 2023 16:11

Instrument :

BNA_F

ClientSampleId :

WC-N-1MSD

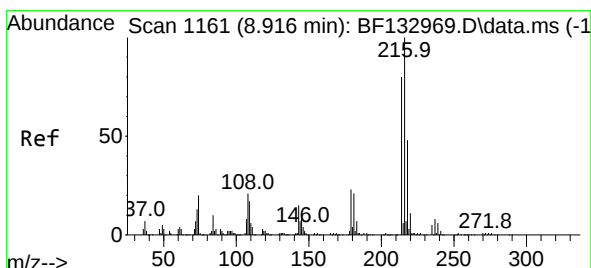
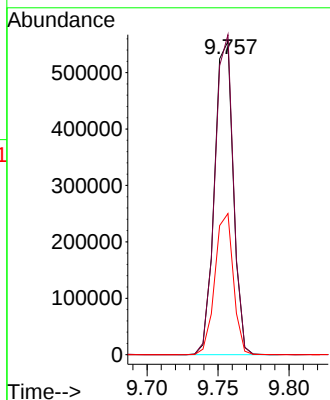
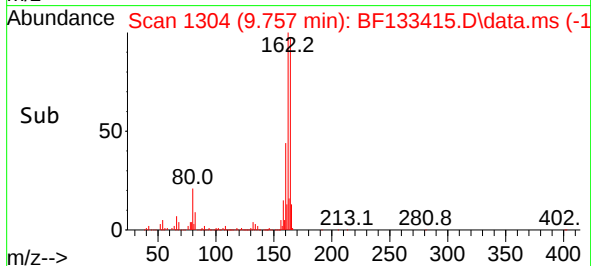


Tgt Ion:164 Resp: 511620
Ion Ratio Lower Upper
164 100
162 102.1 78.7 118.1
160 45.0 35.8 53.6

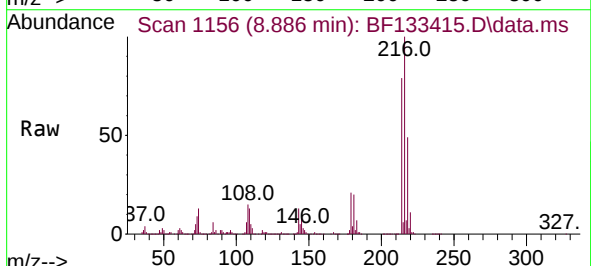
Manual Integrations

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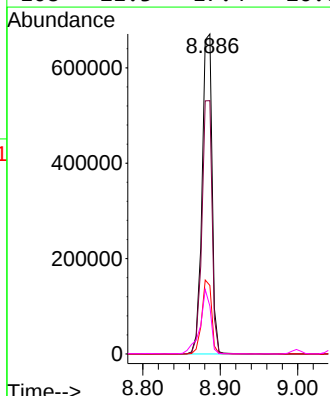
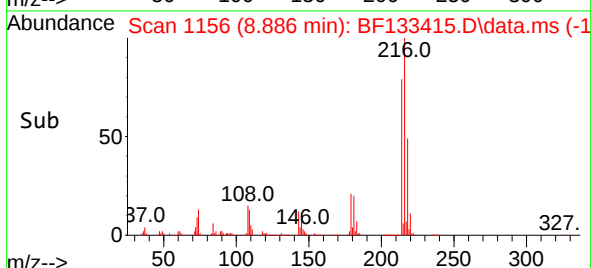
Reviewed By :Christian Giraldo 05/18/2023
Supervised By :Jagrut Upadhyay 05/18/2023



#40
1,2,4,5-Tetrachlorobenzene
Concen: 43.651 ng
RT: 8.886 min Scan# 1156
Delta R.T. -0.000 min
Lab File: BF133415.D
Acq: 17 May 2023 16:11



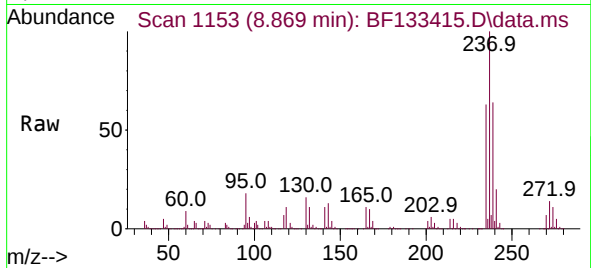
Tgt Ion:216 Resp: 600459
Ion Ratio Lower Upper
216 100
214 80.3 63.5 95.3
179 22.6 17.4 26.2
108 21.3 17.4 26.0





#41
Hexachlorocyclopentadiene
Concen: 75.342 ng
RT: 8.869 min Scan# 1153
Delta R.T. -0.006 min
Lab File: BF133415.D
Acq: 17 May 2023 16:11

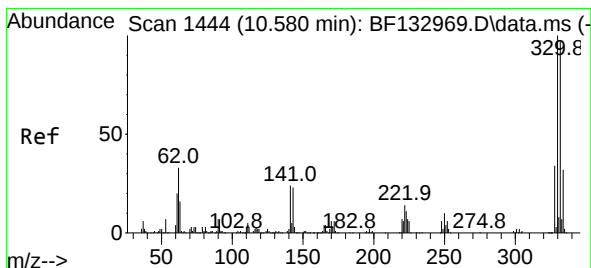
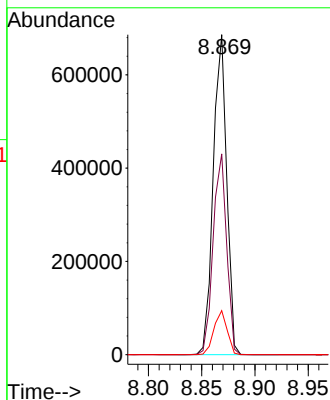
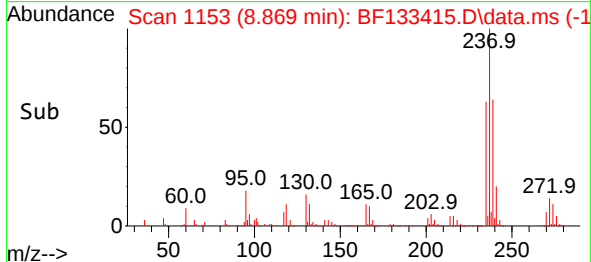
Instrument :
BNA_F
ClientSampleId :
WC-N-1MSD



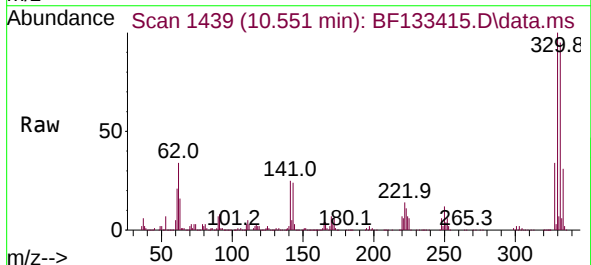
Tgt Ion:237 Resp: 604438
Ion Ratio Lower Upper
237 100
235 62.7 43.5 83.5
272 13.8 0.0 32.7

Manual Integrations
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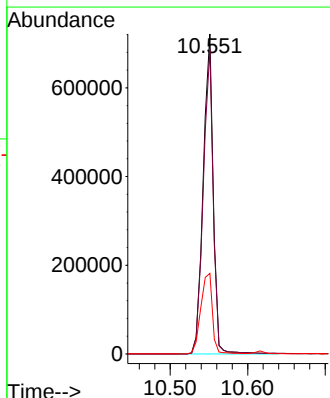
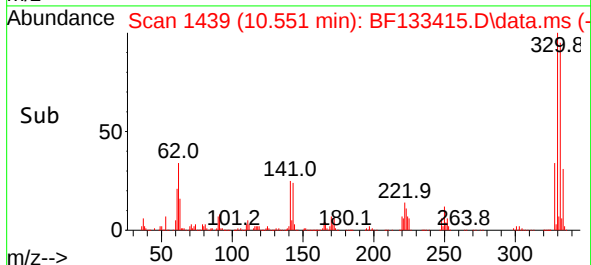
Reviewed By :Christian Giraldo 05/18/2023
Supervised By :Jagrut Upadhyay 05/18/2023

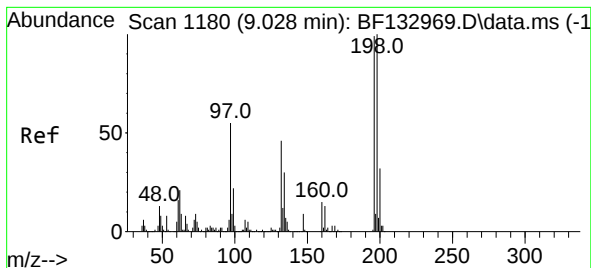


#42
2,4,6-Tribromophenol
Concen: 125.869 ng
RT: 10.551 min Scan# 1439
Delta R.T. -0.000 min
Lab File: BF133415.D
Acq: 17 May 2023 16:11



Tgt Ion:330 Resp: 647637
Ion Ratio Lower Upper
330 100
332 94.7 77.1 115.7
141 29.1 25.8 38.8





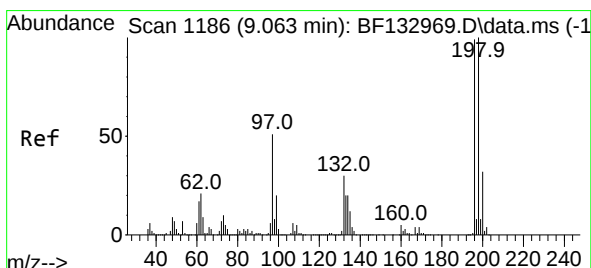
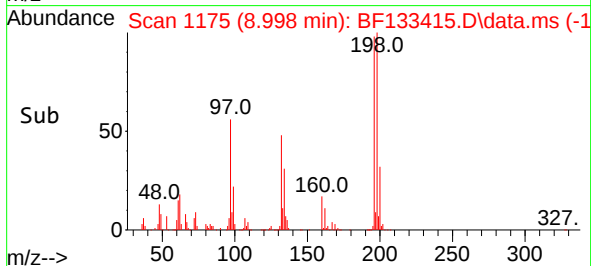
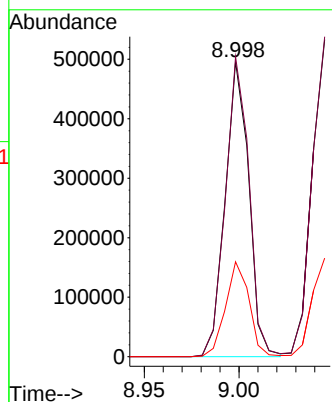
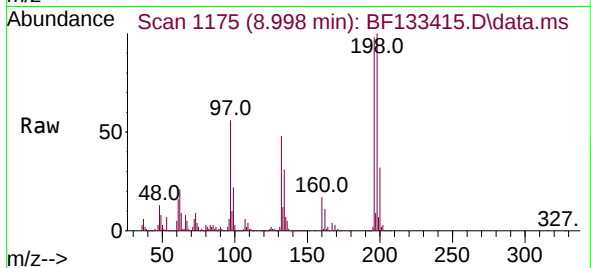
#43
2,4,6-Trichlorophenol
Concen: 45.229 ng
RT: 8.998 min Scan# 1180
Delta R.T. -0.006 min
Lab File: BF133415.D
Acq: 17 May 2023 16:11

Instrument :
BNA_F
ClientSampleId :
WC-N-1MSD

Tgt Ion:196 Resp: 430278
Ion Ratio Lower Upper
196 100
198 101.8 81.0 121.6
200 32.2 26.1 39.1

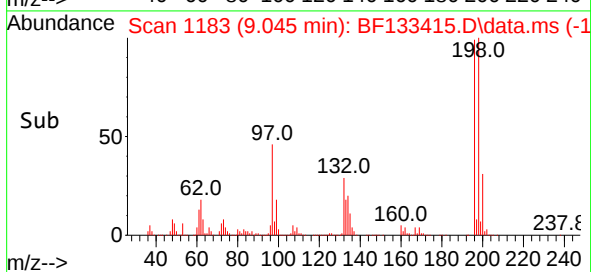
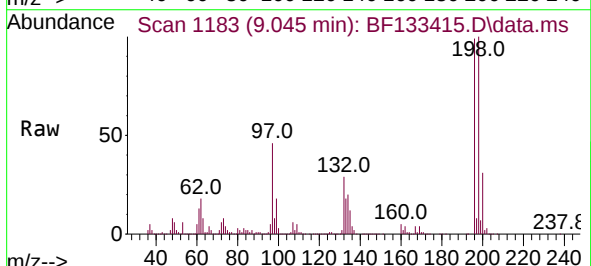
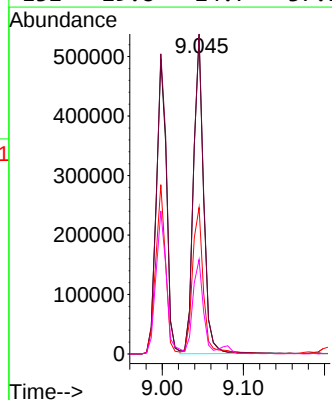
Manual Integrations
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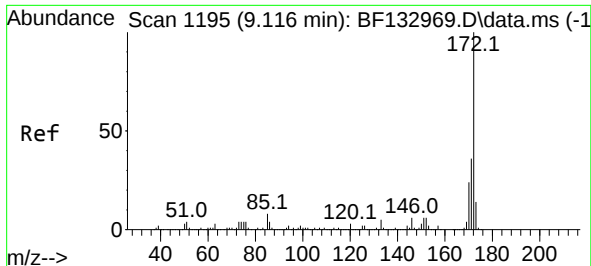
Reviewed By :Christian Giraldo 05/18/2023
Supervised By :Jagrut Upadhyay 05/18/2023



#44
2,4,5-Trichlorophenol
Concen: 42.421 ng
RT: 9.045 min Scan# 1183
Delta R.T. -0.000 min
Lab File: BF133415.D
Acq: 17 May 2023 16:11

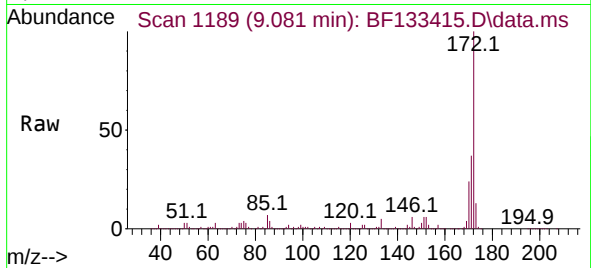
Tgt Ion:196 Resp: 466726
Ion Ratio Lower Upper
196 100
198 100.9 80.9 121.3
97 46.2 41.3 61.9
132 29.8 24.7 37.1





#45
2-Fluorobiphenyl
Concen: 83.739 ng
RT: 9.081 min Scan# 1195
Delta R.T. -0.006 min
Lab File: BF133415.D
Acq: 17 May 2023 16:11

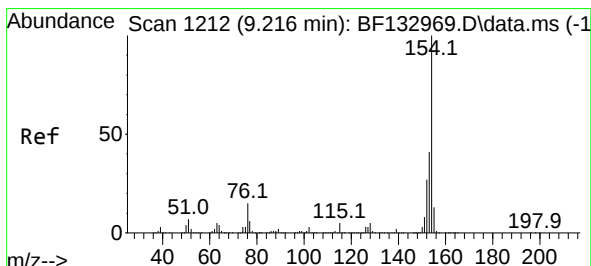
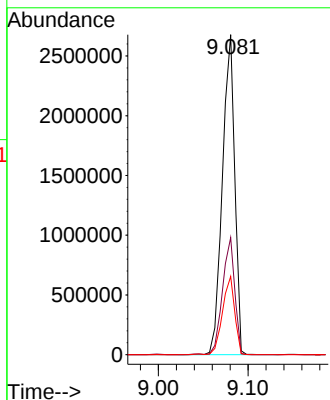
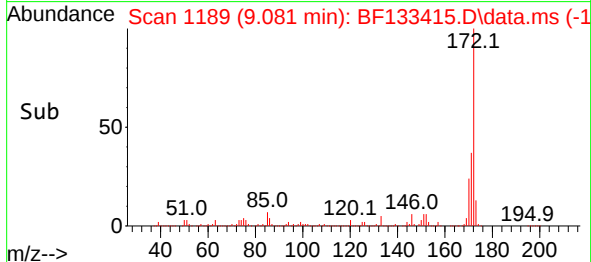
Instrument :
BNA_F
ClientSampleId :
WC-N-1MSD



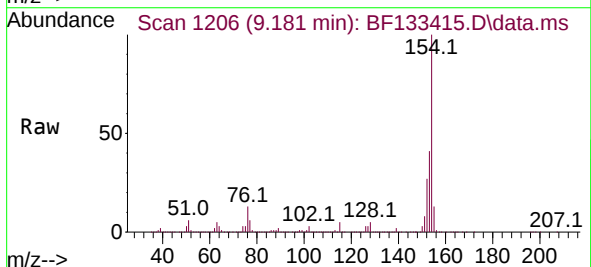
Tgt Ion:172 Resp: 2560820
Ion Ratio Lower Upper
172 100
171 36.6 28.8 43.2
170 24.4 19.4 29.2

Manual Integrations
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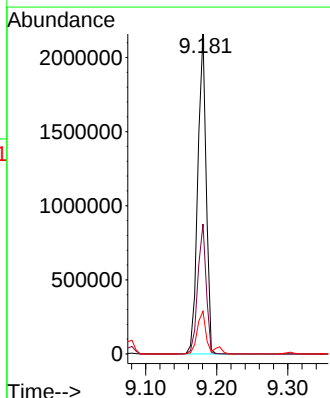
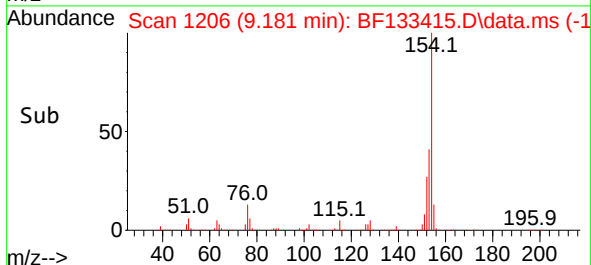
Reviewed By :Christian Giraldo 05/18/2023
Supervised By :Jagrut Upadhyay 05/18/2023

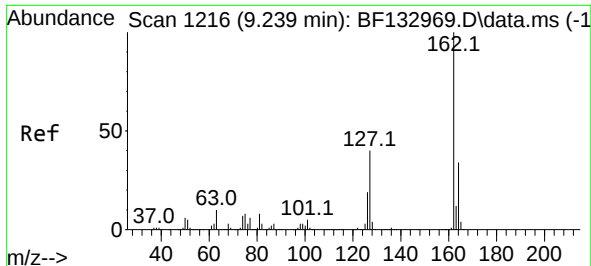


#46
1,1'-Biphenyl
Concen: 43.792 ng
RT: 9.181 min Scan# 1206
Delta R.T. -0.006 min
Lab File: BF133415.D
Acq: 17 May 2023 16:11



Tgt Ion:154 Resp: 1776608
Ion Ratio Lower Upper
154 100
153 40.6 21.0 61.0
76 13.4 0.0 34.5





#47

2-Chloronaphthalene

Concen: 45.261 ng

RT: 9.204 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF133415.D

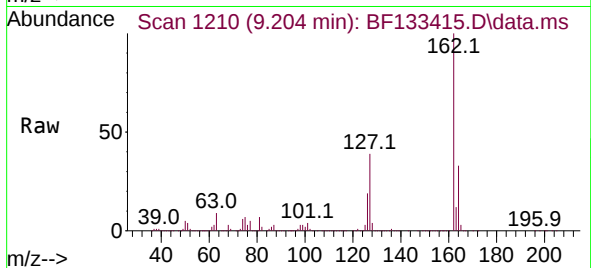
Acq: 17 May 2023 16:11

Instrument :

BNA_F

ClientSampleId :

WC-N-1MSD



Tgt Ion:162 Resp: 134397

Ion Ratio Lower Upper

162 100

127 39.1 32.3 48.5

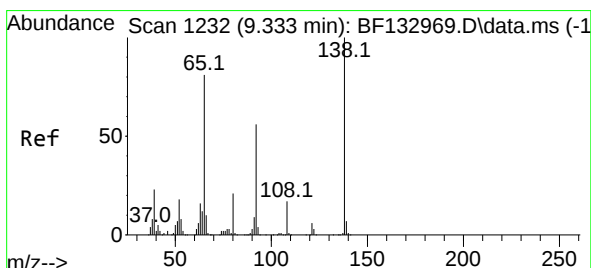
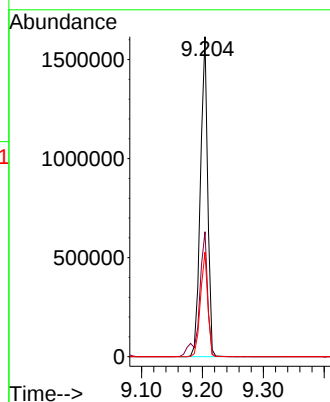
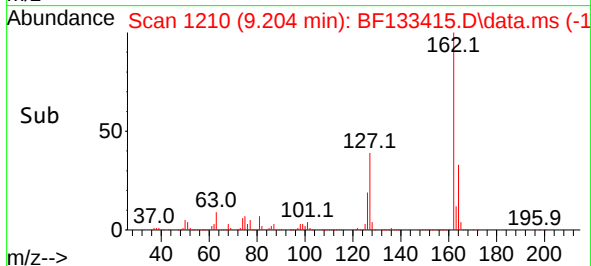
164 32.6 26.8 40.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/18/2023

Supervised By :Jagrut Upadhyay 05/18/2023



#48

2-Nitroaniline

Concen: 43.416 ng

RT: 9.304 min Scan# 1227

Delta R.T. -0.006 min

Lab File: BF133415.D

Acq: 17 May 2023 16:11

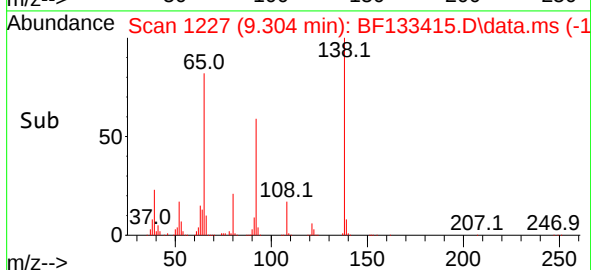
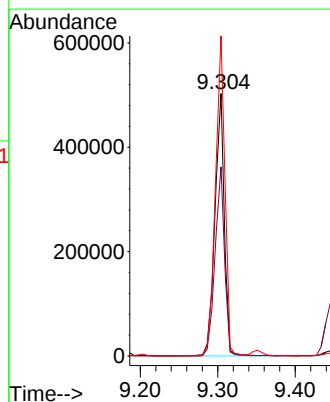
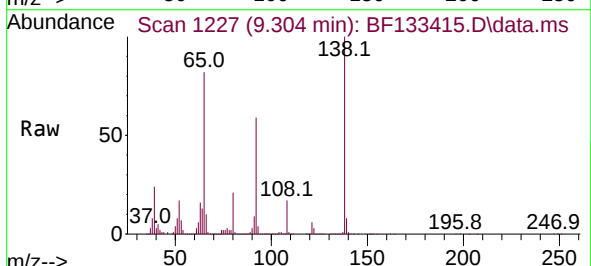
Tgt Ion: 65 Resp: 426075

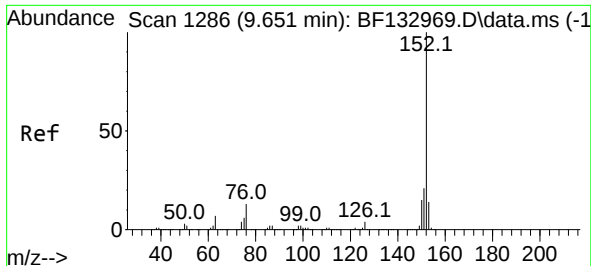
Ion Ratio Lower Upper

65 100

92 72.1 55.4 83.0

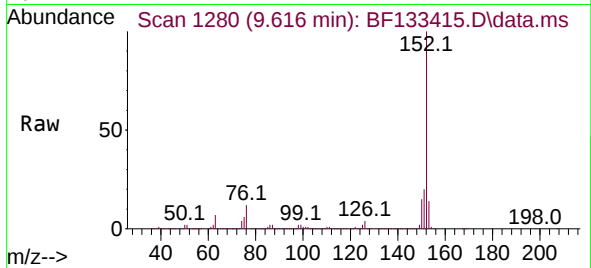
138 122.0 98.2 147.2





#49
Acenaphthylene
Concen: 43.226 ng
RT: 9.616 min Scan# 1280
Delta R.T. -0.006 min
Lab File: BF133415.D
Acq: 17 May 2023 16:11

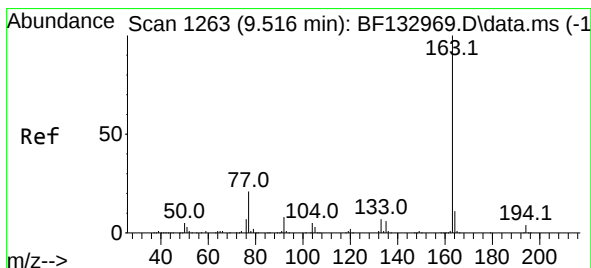
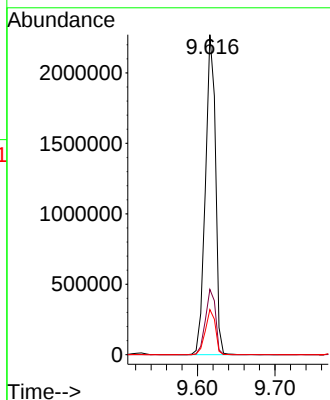
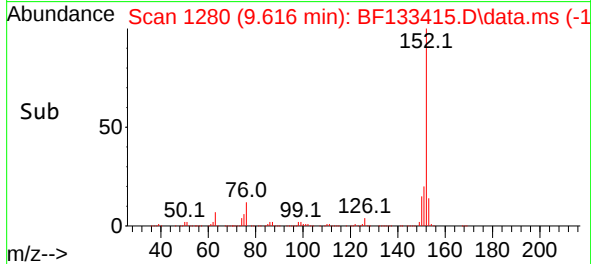
Instrument :
BNA_F
ClientSampleId :
WC-N-1MSD



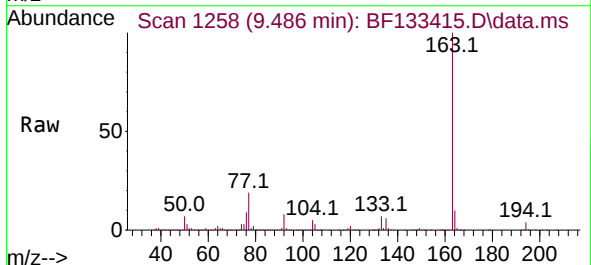
Tgt Ion:152 Resp: 2050910
Ion Ratio Lower Upper
152 100
151 20.4 16.6 24.8
153 14.1 11.5 17.3

Manual Integrations
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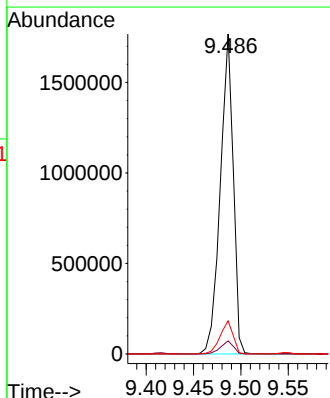
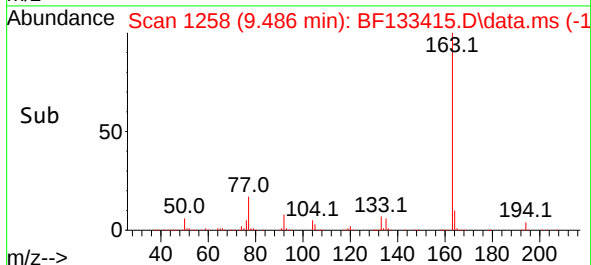
Reviewed By :Christian Giraldo 05/18/2023
Supervised By :Jagrut Upadhyay 05/18/2023

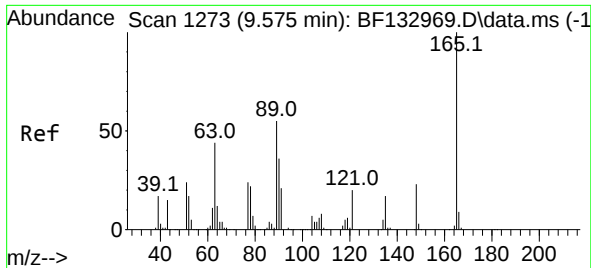


#50
Dimethylphthalate
Concen: 47.285 ng
RT: 9.486 min Scan# 1258
Delta R.T. -0.000 min
Lab File: BF133415.D
Acq: 17 May 2023 16:11



Tgt Ion:163 Resp: 1686847
Ion Ratio Lower Upper
163 100
194 4.1 3.1 4.7
164 10.4 8.5 12.7





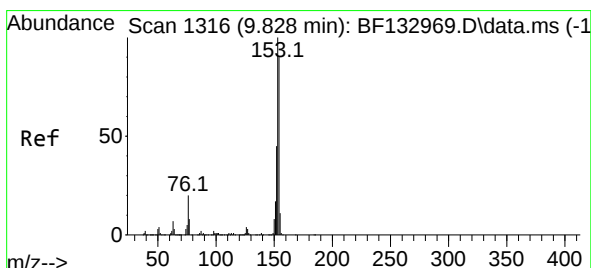
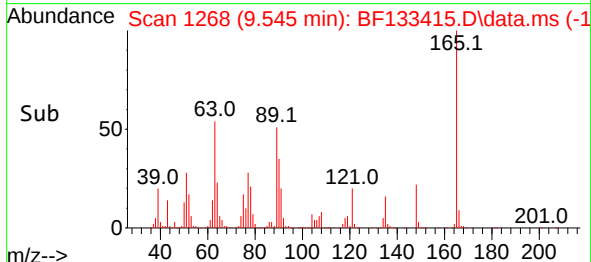
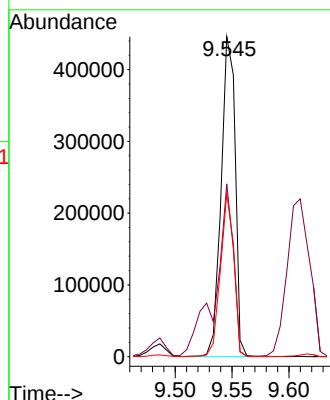
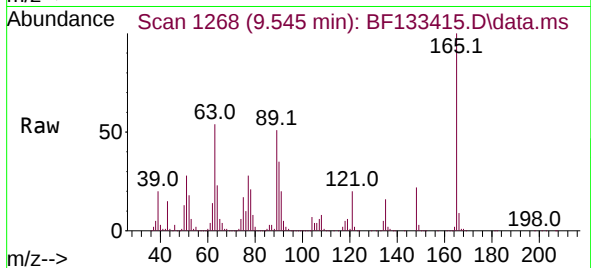
#51
2,6-Dinitrotoluene
Concen: 47.991 ng
RT: 9.545 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF133415.D
Acq: 17 May 2023 16:11

Instrument :
BNA_F
ClientSampleId :
WC-N-1MSD

Tgt Ion:165 Resp: 38533
Ion Ratio Lower Upper
165 100
63 54.0 45.9 68.9
89 51.0 44.0 66.0

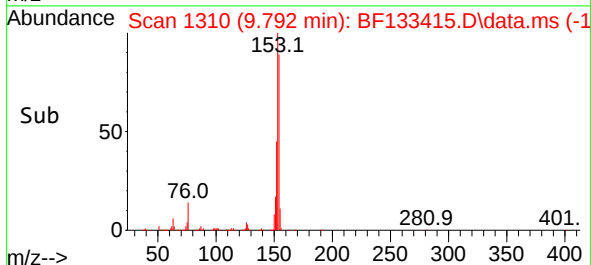
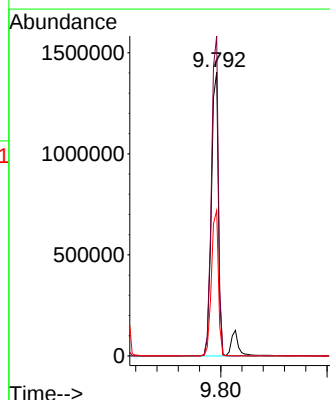
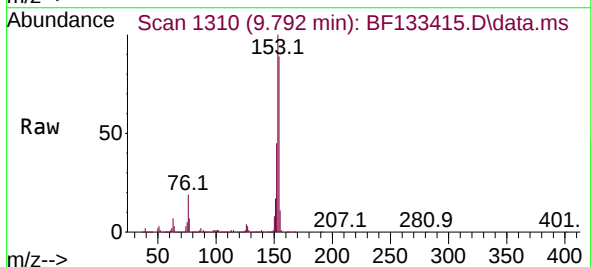
Manual Integrations
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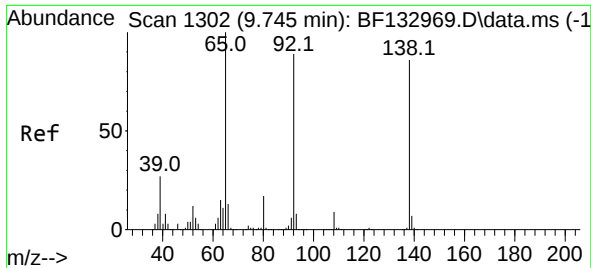
Reviewed By :Christian Giraldo 05/18/2023
Supervised By :Jagrut Upadhyay 05/18/2023



#52
Acenaphthene
Concen: 43.929 ng m
RT: 9.792 min Scan# 1310
Delta R.T. -0.000 min
Lab File: BF133415.D
Acq: 17 May 2023 16:11

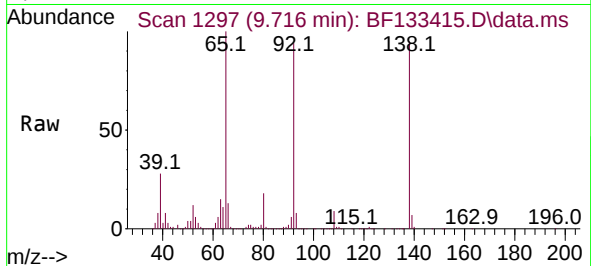
Tgt Ion:154 Resp: 1395947
Ion Ratio Lower Upper
154 100
153 112.8 89.0 133.6
152 51.3 40.4 60.6





#53
3-Nitroaniline
Concen: 29.989 ng
RT: 9.716 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF133415.D
Acq: 17 May 2023 16:11

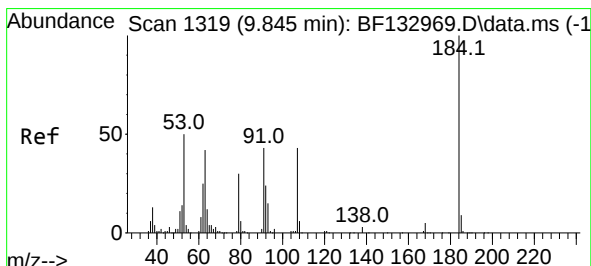
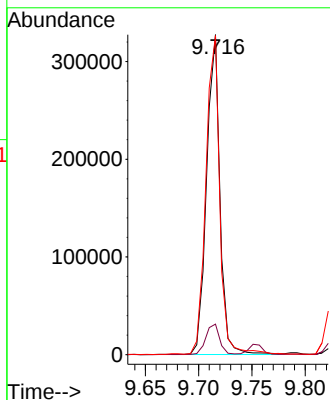
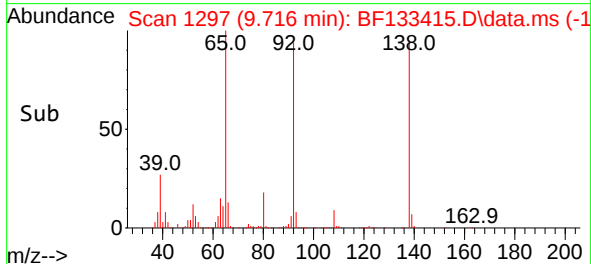
Instrument :
BNA_F
ClientSampleId :
WC-N-1MSD



Tgt Ion:138 Resp: 28630
Ion Ratio Lower Upper
138 100
108 9.6 8.0 12.0
92 99.7 83.6 125.4

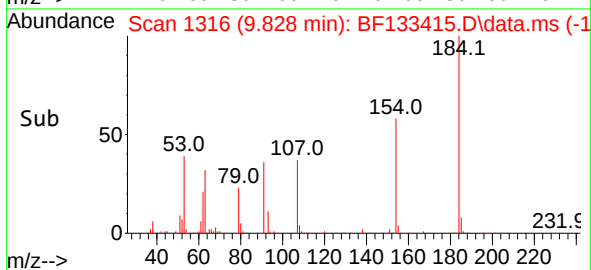
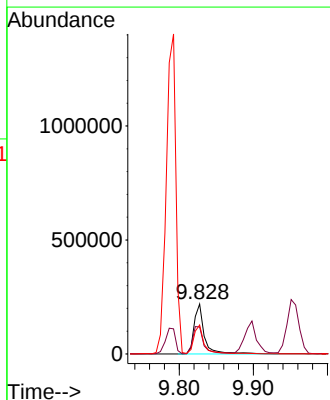
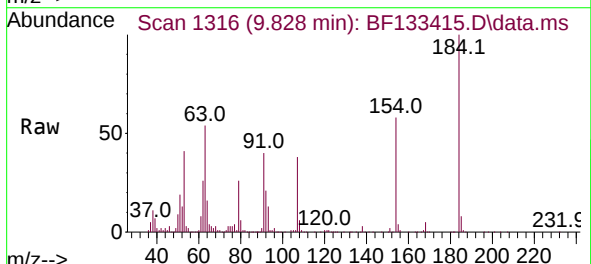
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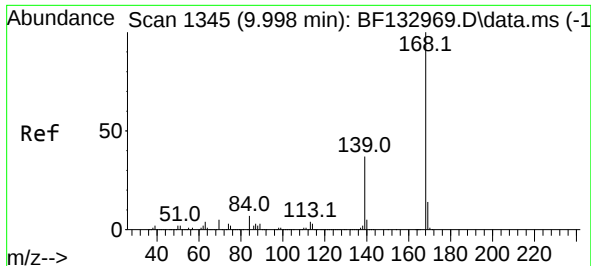
Reviewed By :Christian Giraldo 05/18/2023
Supervised By :Jagrut Upadhyay 05/18/2023



#54
2,4-Dinitrophenol
Concen: 52.251 ng
RT: 9.828 min Scan# 1316
Delta R.T. -0.006 min
Lab File: BF133415.D
Acq: 17 May 2023 16:11

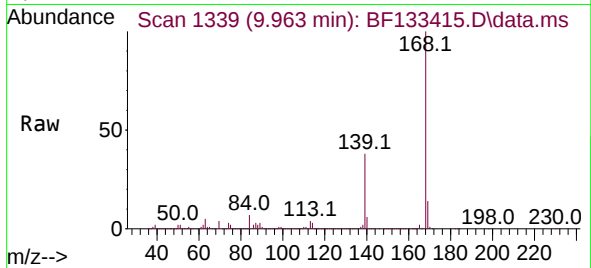
Tgt Ion:184 Resp: 210881
Ion Ratio Lower Upper
184 100
63 54.3 49.8 74.8
154 58.0 49.5 74.3





#55
Dibenzenofuran
Concen: 42.226 ng
RT: 9.963 min Scan# 1339
Delta R.T. -0.006 min
Lab File: BF133415.D
Acq: 17 May 2023 16:11

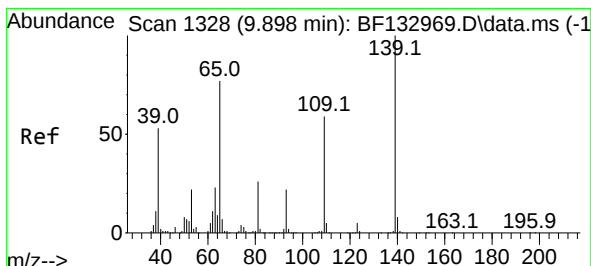
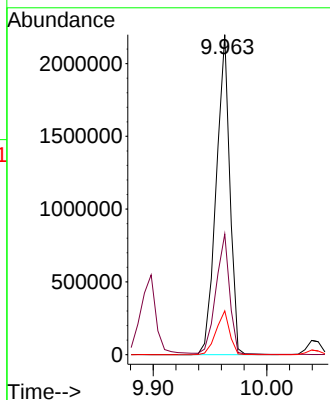
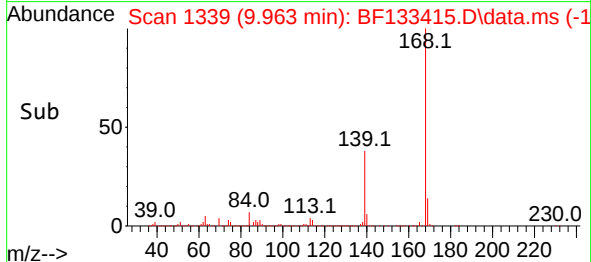
Instrument :
BNA_F
ClientSampleId :
WC-N-1MSD



Tgt Ion:168 Resp: 1830384
Ion Ratio Lower Upper
168 100
139 37.7 29.8 44.8
169 13.7 10.8 16.2

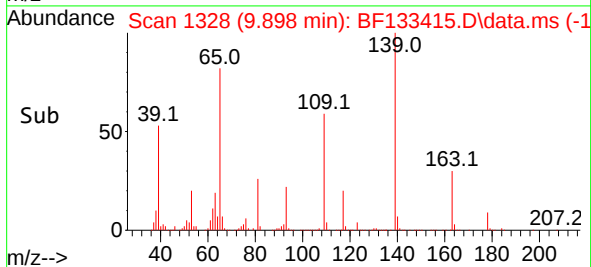
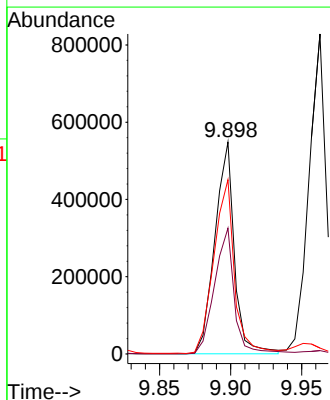
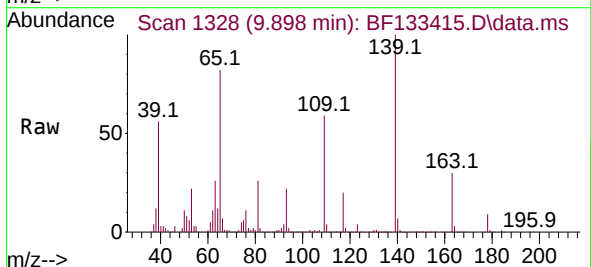
Manual Integrations
APPROVED

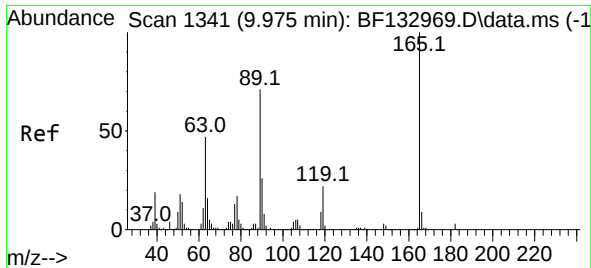
Reviewed By :Christian Giraldo 05/18/2023
Supervised By :Jagrut Upadhyay 05/18/2023



#56
4-Nitrophenol
Concen: 70.898 ng
RT: 9.898 min Scan# 1328
Delta R.T. 0.006 min
Lab File: BF133415.D
Acq: 17 May 2023 16:11

Tgt Ion:139 Resp: 524244
Ion Ratio Lower Upper
139 100
109 59.4 39.4 79.4
65 82.2 57.5 97.5





#57

2,4-Dinitrotoluene

Concen: 46.315 ng

RT: 9.951 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF133415.D

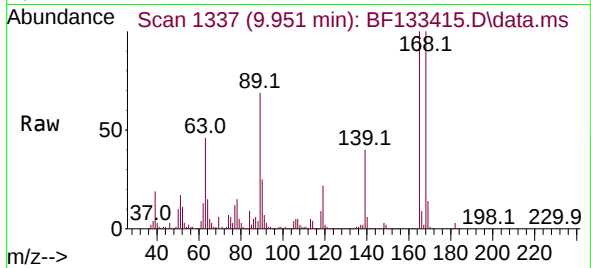
Acq: 17 May 2023 16:11

Instrument :

BNA_F

ClientSampleId :

WC-N-1MSD



Tgt Ion:165 Resp: 474254

Ion Ratio Lower Upper

165 100

63 45.8 37.7 56.5

89 69.2 57.0 85.4

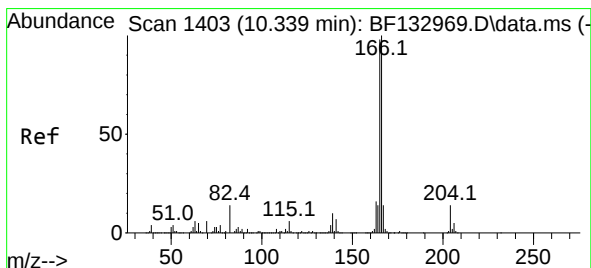
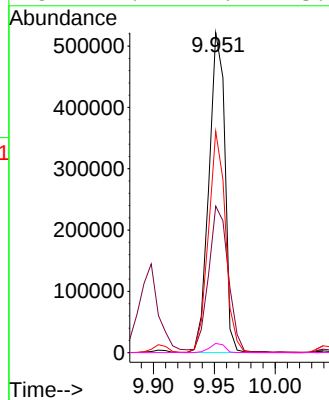
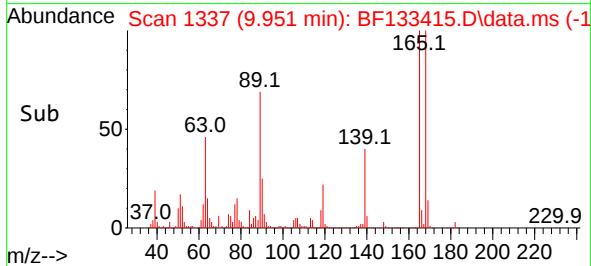
182 2.9 2.1 3.1

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/18/2023

Supervised By :Jagrut Upadhyay 05/18/2023



#58

Fluorene

Concen: 43.976 ng

RT: 10.304 min Scan# 1397

Delta R.T. -0.006 min

Lab File: BF133415.D

Acq: 17 May 2023 16:11

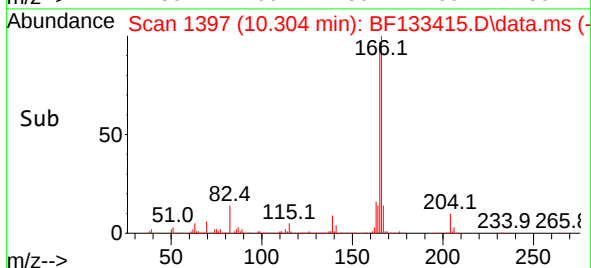
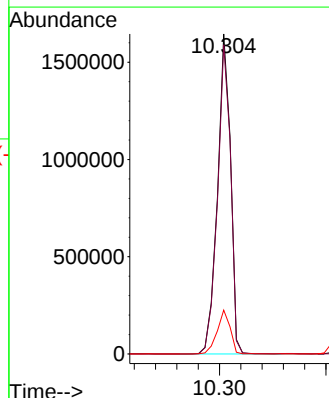
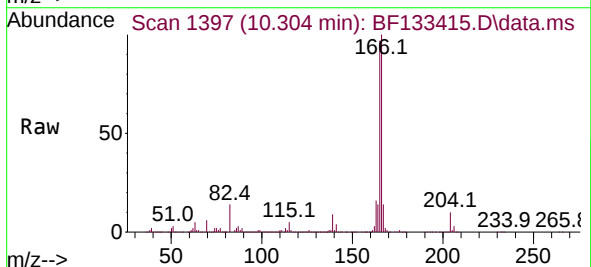
Tgt Ion:166 Resp: 1396590

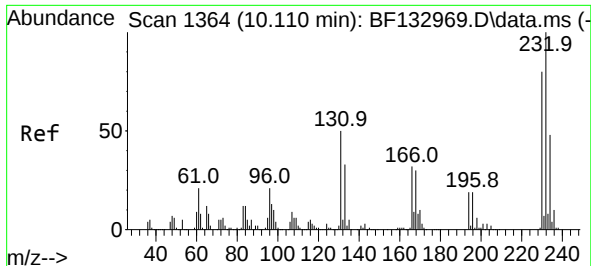
Ion Ratio Lower Upper

166 100

165 96.6 78.6 117.8

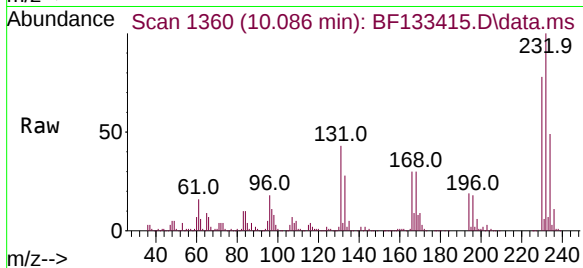
167 13.7 11.0 16.4





#59
2,3,4,6-Tetrachlorophenol
Concen: 44.957 ng
RT: 10.086 min Scan# 1360
Delta R.T. -0.006 min
Lab File: BF133415.D
Acq: 17 May 2023 16:11

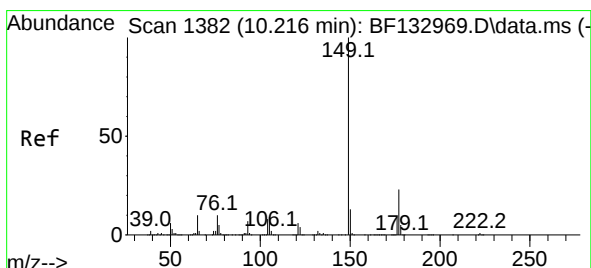
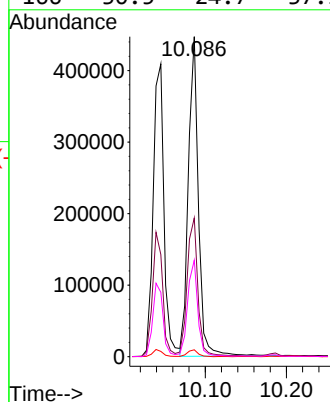
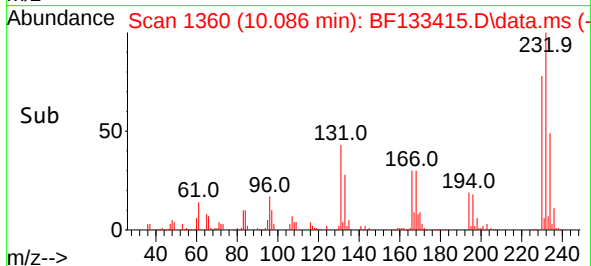
Instrument :
BNA_F
ClientSampleId :
WC-N-1MSD



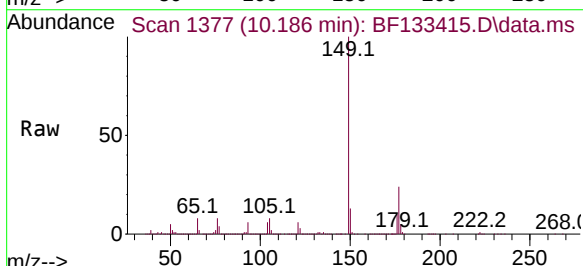
Tgt Ion:232 Resp: 383461
Ion Ratio Lower Upper
232 100
131 46.0 38.0 57.0
130 2.3 1.8 2.8
166 30.5 24.7 37.1

Manual Integrations
APPROVED

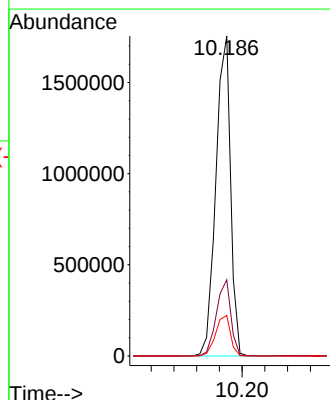
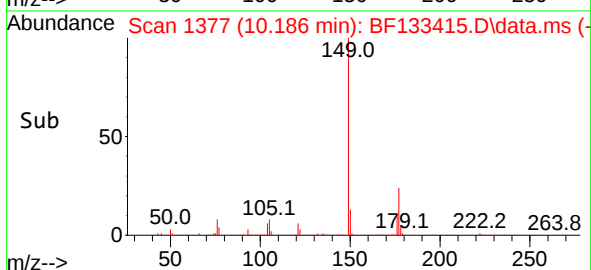
Reviewed By :Christian Giraldo 05/18/2023
Supervised By :Jagrut Upadhyay 05/18/2023

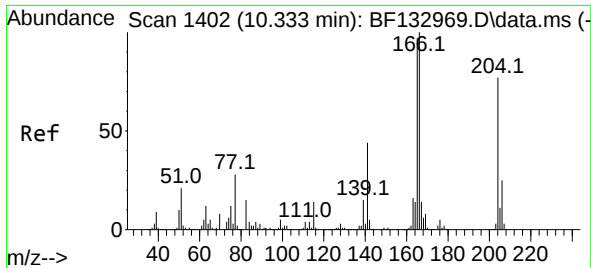


#60
Diethylphthalate
Concen: 46.721 ng
RT: 10.186 min Scan# 1377
Delta R.T. -0.000 min
Lab File: BF133415.D
Acq: 17 May 2023 16:11



Tgt Ion:149 Resp: 1574344
Ion Ratio Lower Upper
149 100
177 23.8 18.2 27.4
150 12.7 10.2 15.4





#61
4-Chlorophenyl-phenylether
Concen: 44.216 ng
RT: 10.298 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF133415.D
Acq: 17 May 2023 16:11

Instrument :

BNA_F

ClientSampleId :

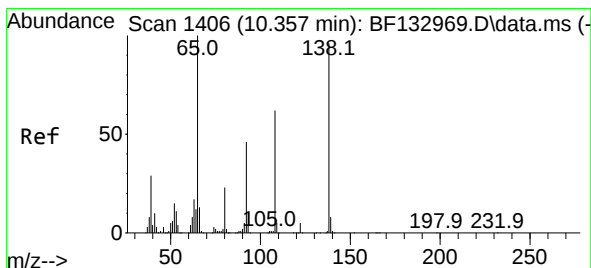
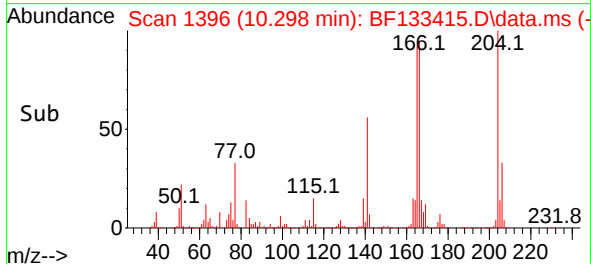
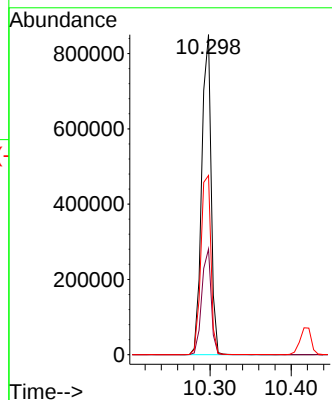
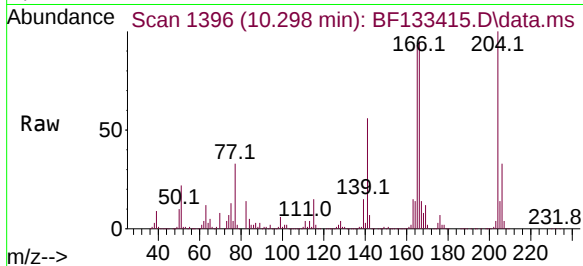
WC-N-1MSD

Tgt Ion:204 Resp: 684308
Ion Ratio Lower Upper
204 100
206 33.0 26.1 39.1
141 56.0 46.1 69.1

Manual Integrations

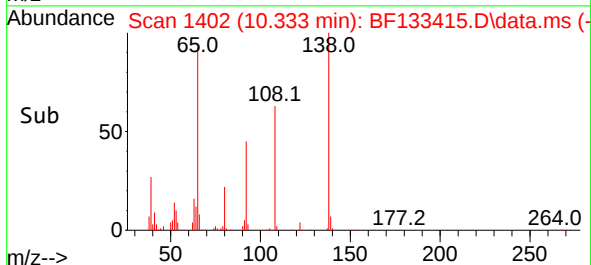
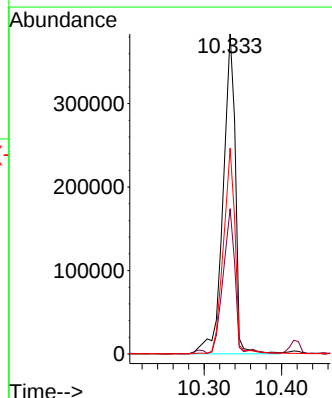
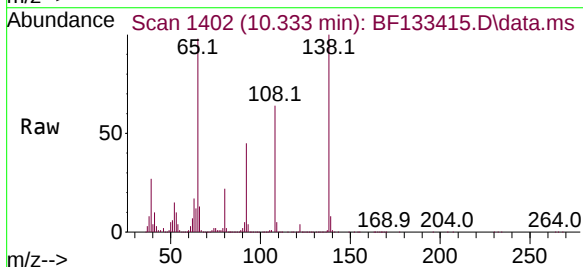
APPROVED

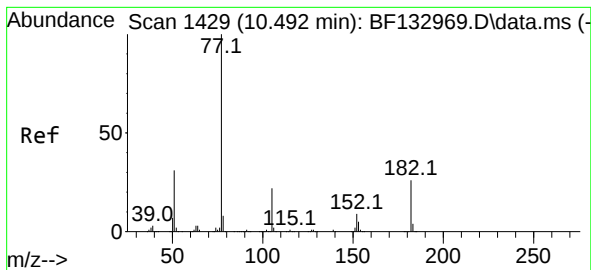
Reviewed By :Christian Giraldo 05/18/2023
Supervised By :Jagrut Upadhyay 05/18/2023



#62
4-Nitroaniline
Concen: 48.070 ng
RT: 10.333 min Scan# 1402
Delta R.T. -0.000 min
Lab File: BF133415.D
Acq: 17 May 2023 16:11

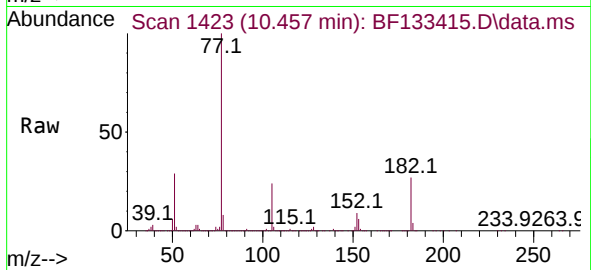
Tgt Ion:138 Resp: 421798
Ion Ratio Lower Upper
138 100
92 45.4 27.7 67.7
108 64.3 45.2 85.2





#63
Azobenzene
Concen: 44.750 ng
RT: 10.457 min Scan# 1423
Delta R.T. -0.006 min
Lab File: BF133415.D
Acq: 17 May 2023 16:11

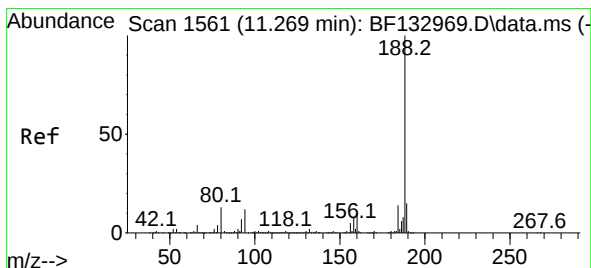
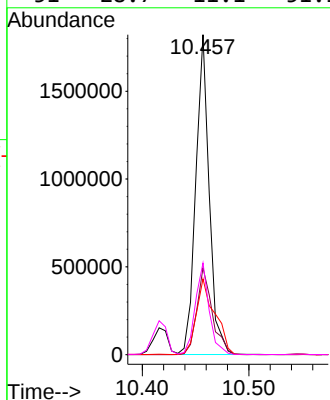
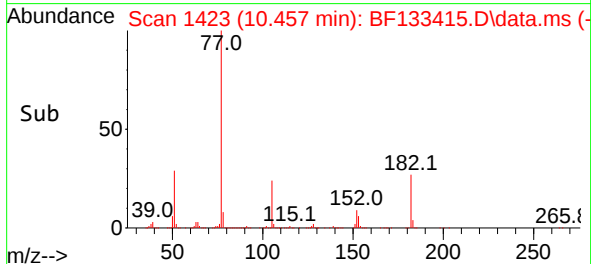
Instrument :
BNA_F
ClientSampleId :
WC-N-1MSD



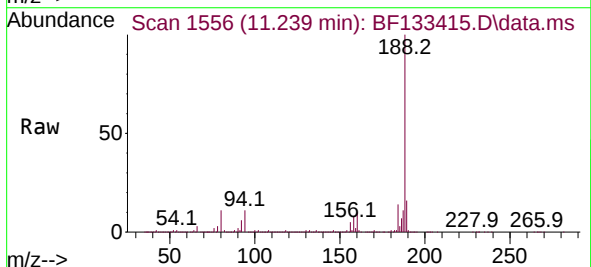
Tgt Ion: 77 Resp: 159739
Ion Ratio Lower Upper
77 100
182 27.1 5.9 45.9
105 23.7 2.3 42.3
51 28.7 11.1 51.1

Manual Integrations
APPROVED

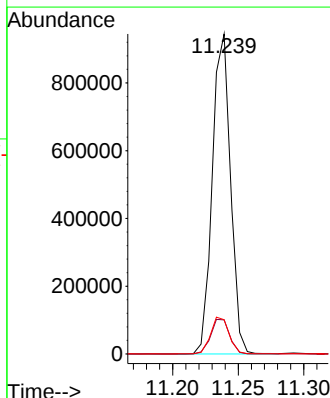
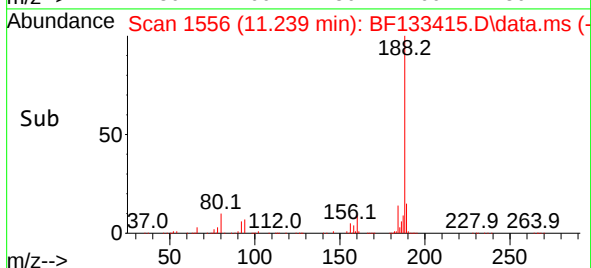
Reviewed By :Christian Giraldo 05/18/2023
Supervised By :Jagrut Upadhyay 05/18/2023

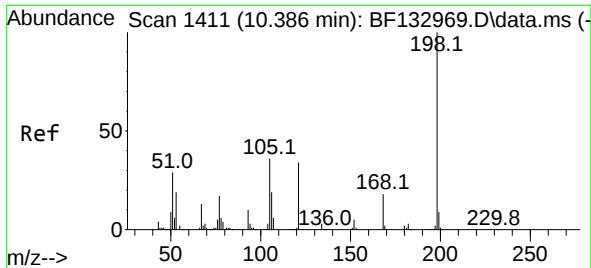


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.239 min Scan# 1556
Delta R.T. -0.006 min
Lab File: BF133415.D
Acq: 17 May 2023 16:11



Tgt Ion:188 Resp: 910971
Ion Ratio Lower Upper
188 100
94 10.7 9.7 14.5
80 10.7 10.4 15.6





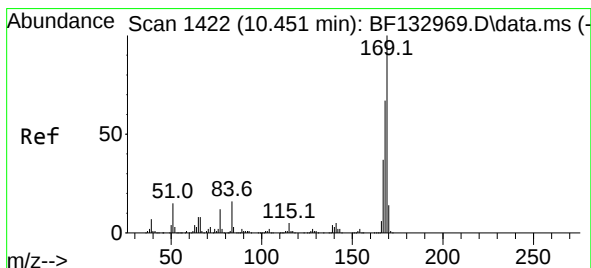
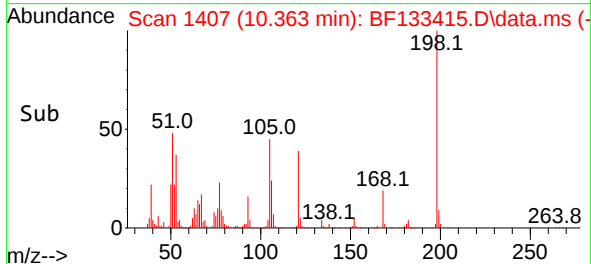
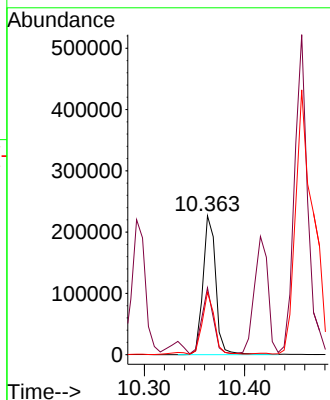
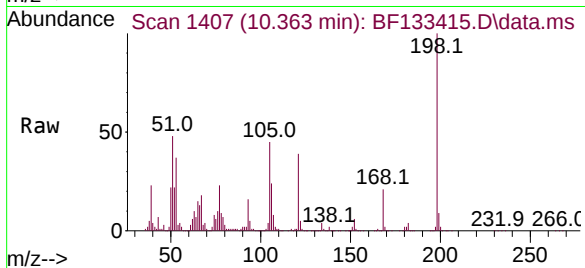
#65
4,6-Dinitro-2-methylphenol
Concen: 36.587 ng
RT: 10.363 min Scan# 1410
Delta R.T. -0.006 min
Lab File: BF133415.D
Acq: 17 May 2023 16:11

Instrument :
BNA_F
ClientSampleId :
WC-N-1MSD

Tgt Ion:198 Resp: 202019
Ion Ratio Lower Upper
198 100
51 48.2 15.5 55.5
105 44.9 16.7 56.7

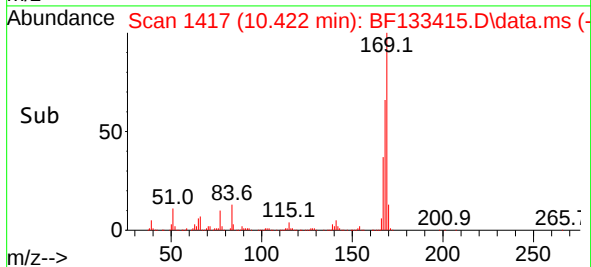
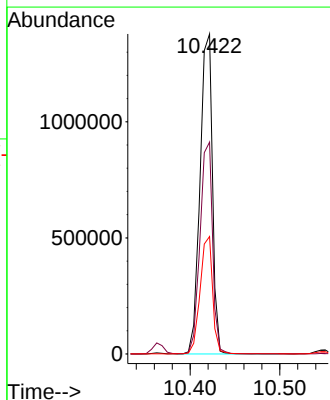
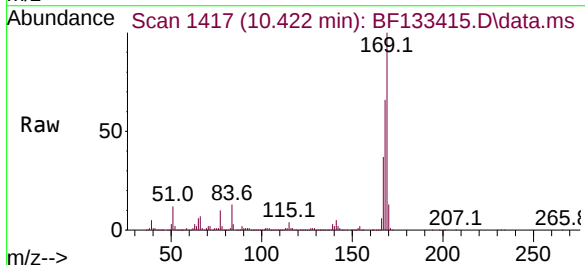
Manual Integrations
APPROVED

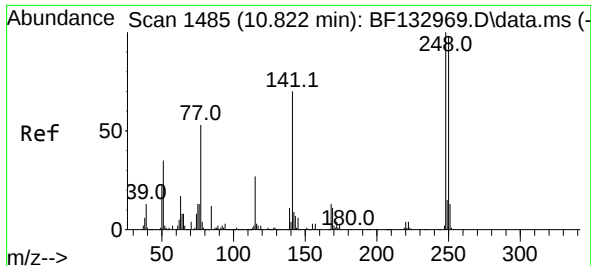
Reviewed By :Christian Giraldo 05/18/2023
Supervised By :Jagrut Upadhyay 05/18/2023



#66
n-Nitrosodiphenylamine
Concen: 44.639 ng
RT: 10.422 min Scan# 1417
Delta R.T. -0.000 min
Lab File: BF133415.D
Acq: 17 May 2023 16:11

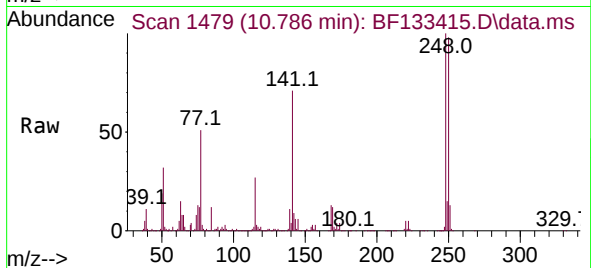
Tgt Ion:169 Resp: 1319051
Ion Ratio Lower Upper
169 100
168 66.2 53.8 80.8
167 36.7 29.7 44.5





#67
4-Bromophenyl-phenylether
Concen: 44.553 ng
RT: 10.786 min Scan# 1418
Delta R.T. -0.006 min
Lab File: BF133415.D
Acq: 17 May 2023 16:11

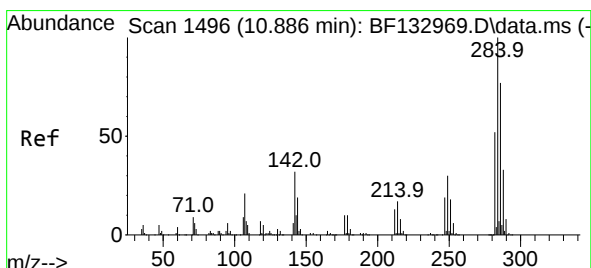
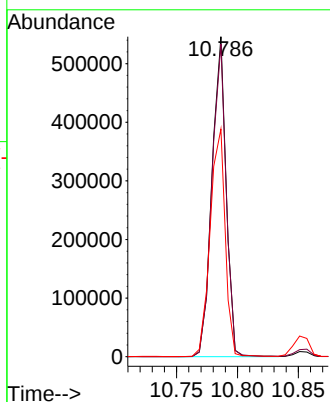
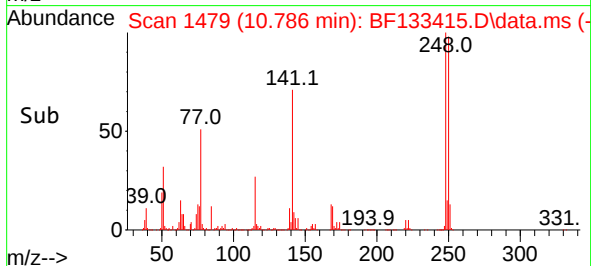
Instrument :
BNA_F
ClientSampleId :
WC-N-1MSD



Tgt Ion:248 Resp: 440182
Ion Ratio Lower Upper
248 100
250 97.7 78.7 118.1
141 71.1 56.3 84.5

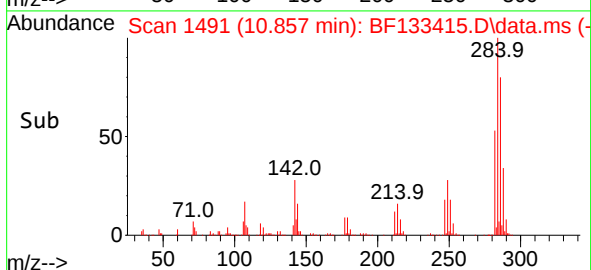
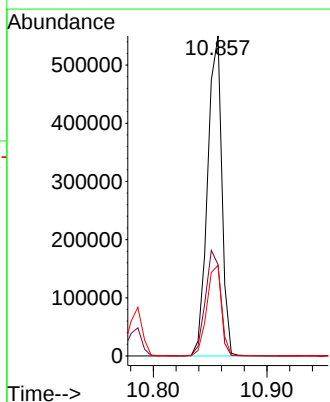
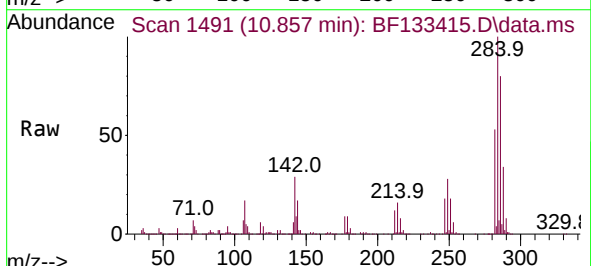
Manual Integrations
APPROVED

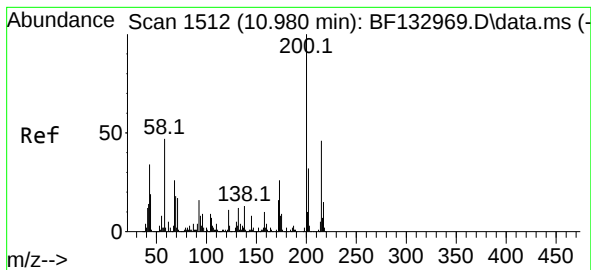
Reviewed By :Christian Giraldo 05/18/2023
Supervised By :Jagrut Upadhyay 05/18/2023



#68
Hexachlorobenzene
Concen: 47.242 ng
RT: 10.857 min Scan# 1491
Delta R.T. -0.006 min
Lab File: BF133415.D
Acq: 17 May 2023 16:11

Tgt Ion:284 Resp: 478272
Ion Ratio Lower Upper
284 100
142 28.6 26.0 39.0
249 28.3 23.7 35.5





#69

Atrazine

Concen: 54.012 ng

RT: 10.951 min Scan# 1507

Delta R.T. -0.000 min

Lab File: BF133415.D

Acq: 17 May 2023 16:11

Instrument :

BNA_F

ClientSampleId :

WC-N-1MSD

Tgt Ion:200 Resp: 459890

Ion Ratio Lower Upper

200 100

173 27.1 6.2 46.2

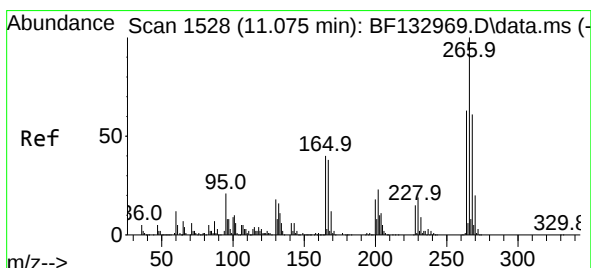
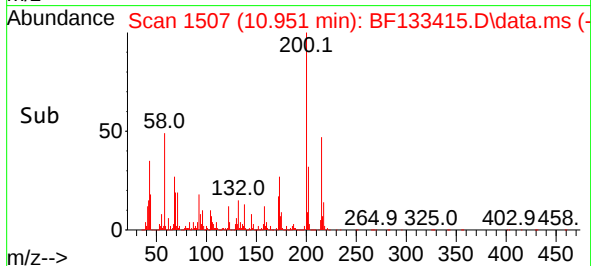
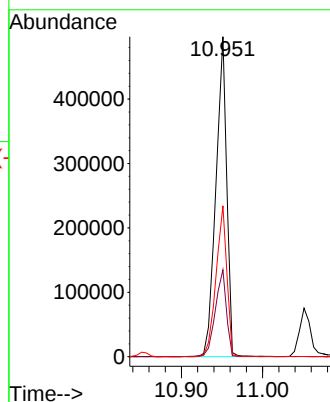
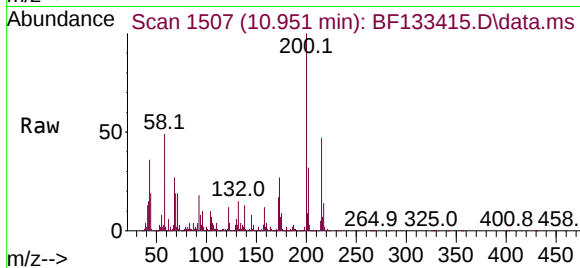
215 47.2 26.3 66.3

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/18/2023

Supervised By :Jagrut Upadhyay 05/18/2023



#70

Pentachlorophenol

Concen: 59.592 ng

RT: 11.051 min Scan# 1524

Delta R.T. -0.006 min

Lab File: BF133415.D

Acq: 17 May 2023 16:11

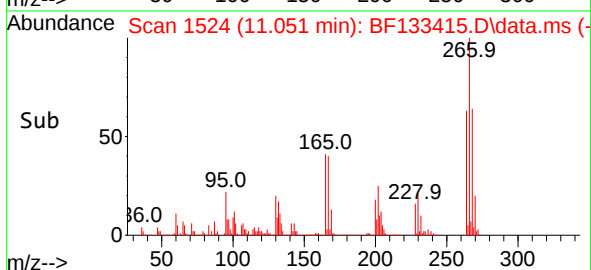
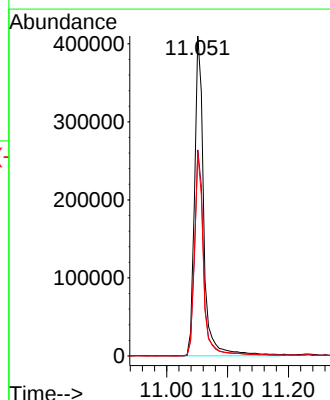
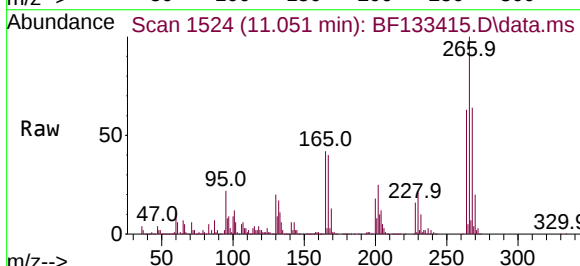
Tgt Ion:266 Resp: 429668

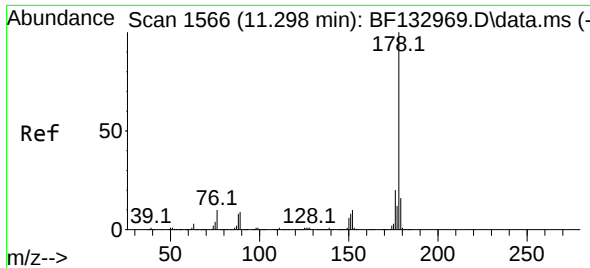
Ion Ratio Lower Upper

266 100

268 64.4 48.8 73.2

264 63.5 50.6 76.0





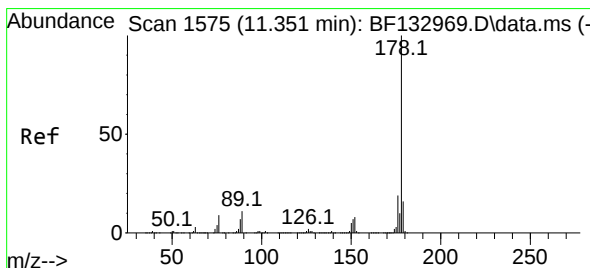
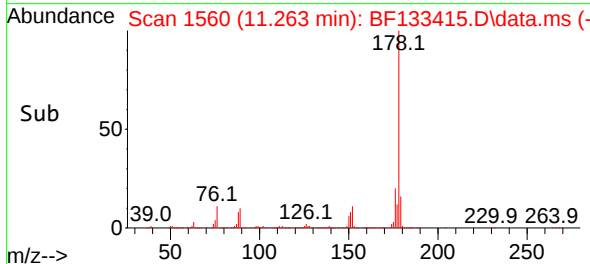
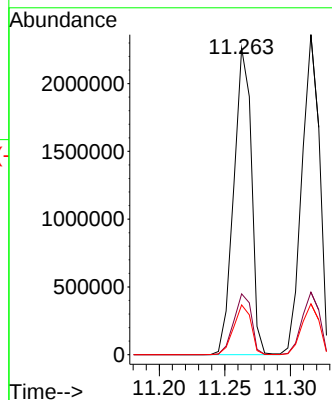
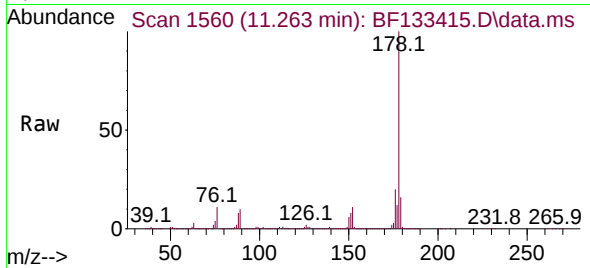
#71
Phenanthrene
Concen: 43.287 ng
RT: 11.263 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF133415.D
Acq: 17 May 2023 16:11

Instrument :
BNA_F
ClientSampleId :
WC-N-1MSD

Tgt Ion:178 Resp: 2119404
Ion Ratio Lower Upper
178 100
176 19.9 15.9 23.9
179 16.2 12.5 18.7

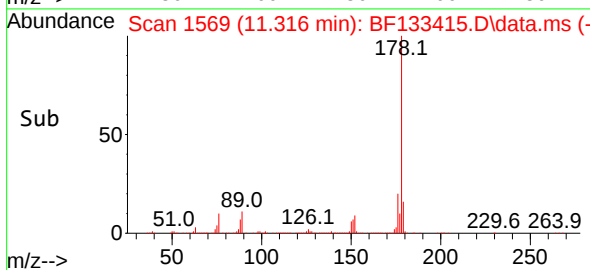
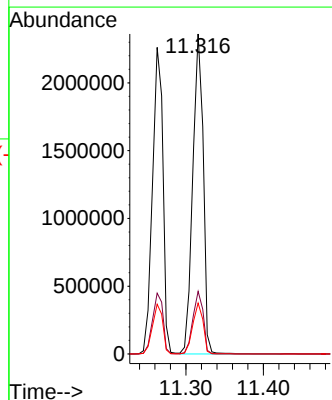
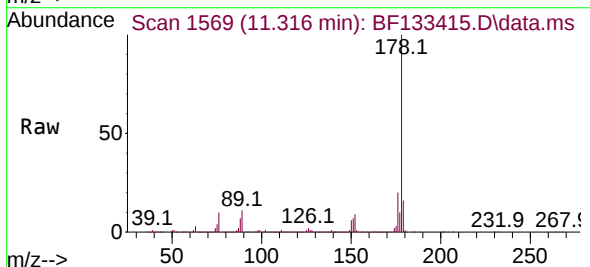
Manual Integrations
APPROVED

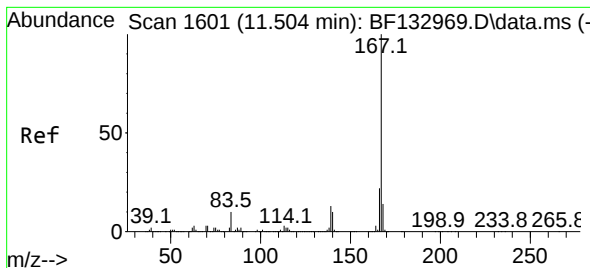
Reviewed By :Christian Giraldo 05/18/2023
Supervised By :Jagrut Upadhyay 05/18/2023



#72
Anthracene
Concen: 44.167 ng
RT: 11.316 min Scan# 1569
Delta R.T. -0.006 min
Lab File: BF133415.D
Acq: 17 May 2023 16:11

Tgt Ion:178 Resp: 2213058
Ion Ratio Lower Upper
178 100
176 19.5 15.4 23.0
179 15.9 12.4 18.6





#73

Carbazole

Concen: 44.378 ng

RT: 11.475 min Scan# 1596

Delta R.T. -0.006 min

Lab File: BF133415.D

Acq: 17 May 2023 16:11

Instrument :

BNA_F

ClientSampleId :

WC-N-1MSD

Tgt Ion:167 Resp: 1979999

Ion Ratio Lower Upper

167 100

166 22.4 17.4 26.0

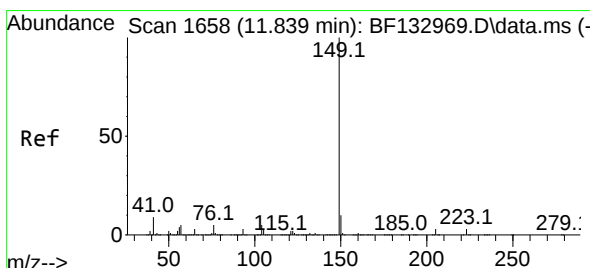
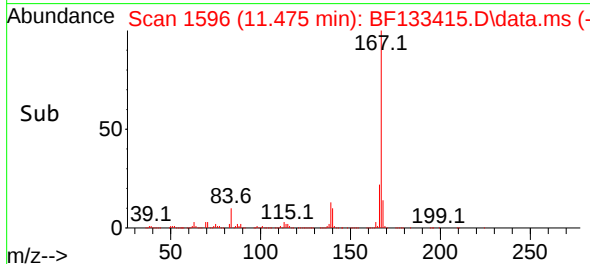
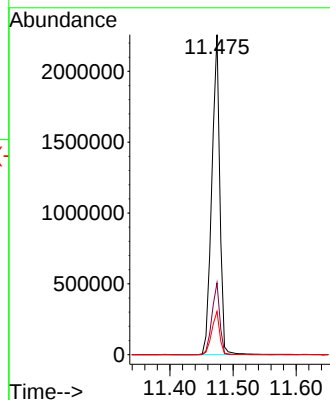
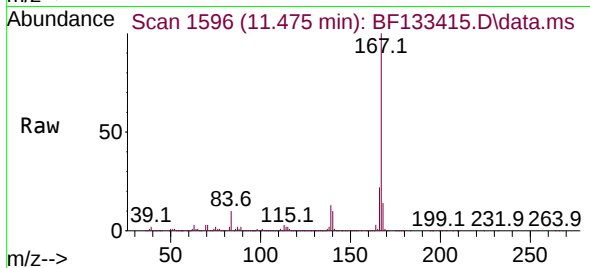
139 13.5 10.6 16.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/18/2023

Supervised By :Jagrut Upadhyay 05/18/2023



#74

Di-n-butylphthalate

Concen: 48.577 ng

RT: 11.804 min Scan# 1652

Delta R.T. -0.006 min

Lab File: BF133415.D

Acq: 17 May 2023 16:11

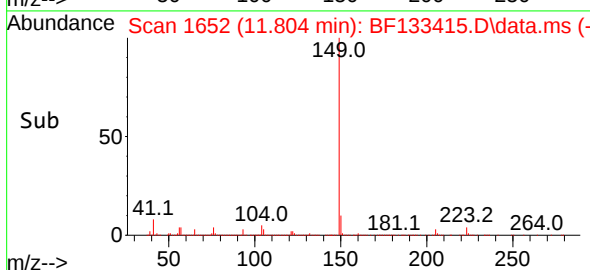
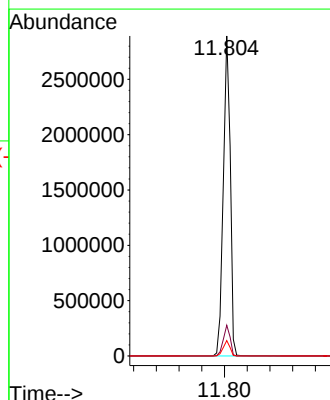
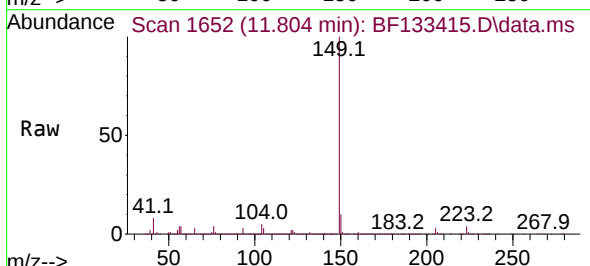
Tgt Ion:149 Resp: 2452722

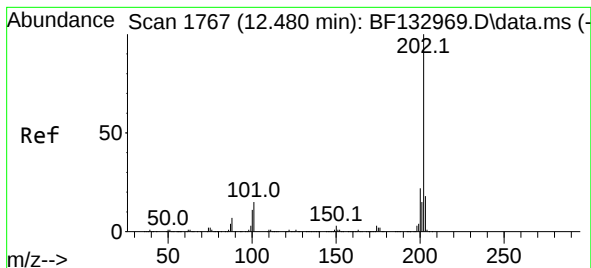
Ion Ratio Lower Upper

149 100

150 9.6 7.6 11.4

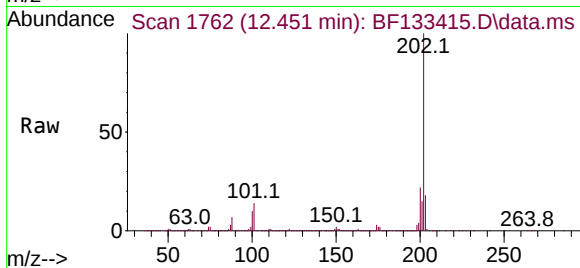
104 4.8 4.0 6.0





#75
Fluoranthene
Concen: 41.575 ng
RT: 12.451 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF133415.D
Acq: 17 May 2023 16:11

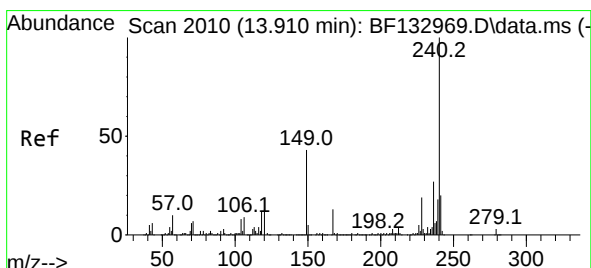
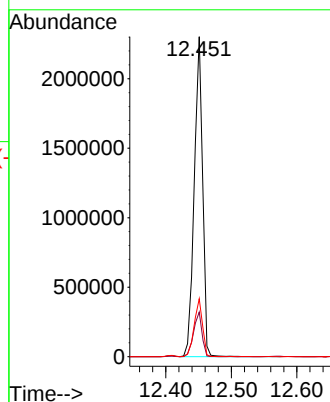
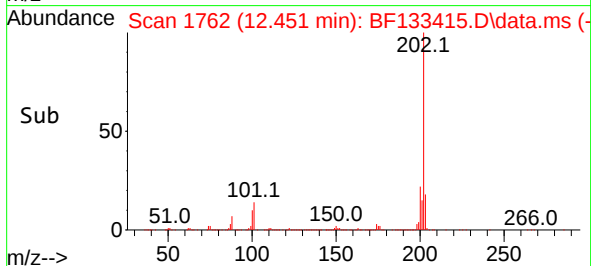
Instrument :
BNA_F
ClientSampleId :
WC-N-1MSD



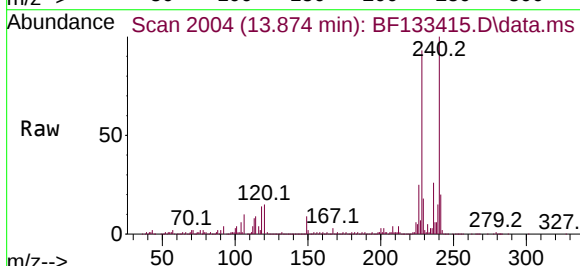
Tgt Ion:202 Resp: 2042934
Ion Ratio Lower Upper
202 100
101 14.0 0.0 35.3
203 18.1 0.0 38.1

Manual Integrations
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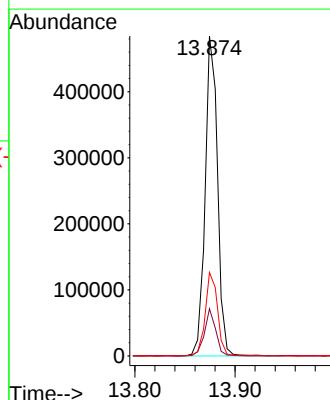
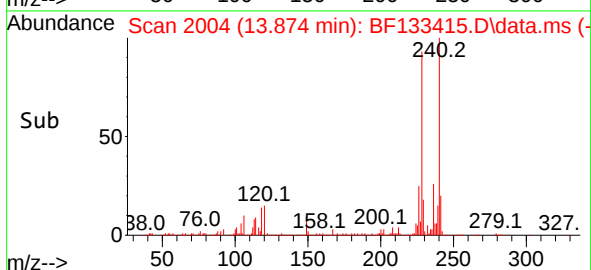
Reviewed By :Christian Giraldo 05/18/2023
Supervised By :Jagrut Upadhyay 05/18/2023

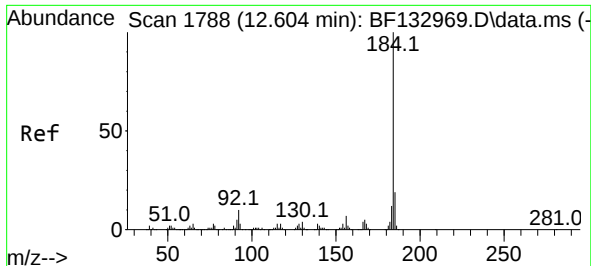


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.874 min Scan# 2004
Delta R.T. -0.012 min
Lab File: BF133415.D
Acq: 17 May 2023 16:11



Tgt Ion:240 Resp: 418286
Ion Ratio Lower Upper
240 100
120 14.7 10.5 15.7
236 26.1 21.5 32.3





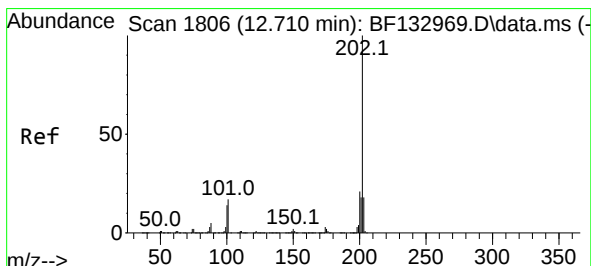
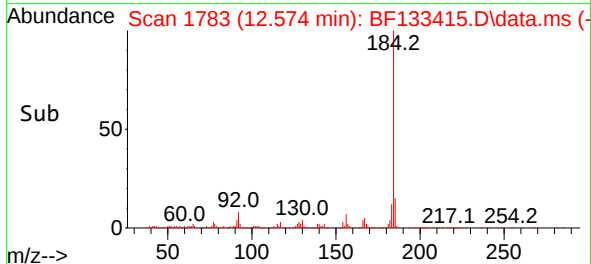
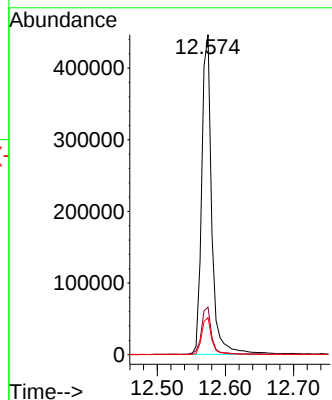
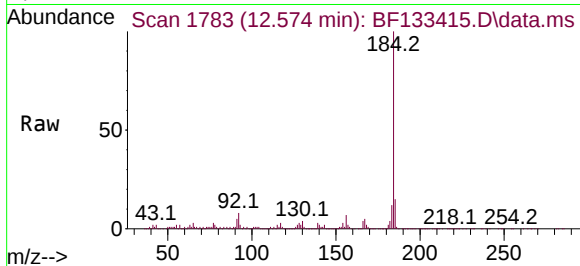
#77
Benzidine
Concen: 64.644 ng
RT: 12.574 min Scan# 1788
Delta R.T. -0.006 min
Lab File: BF133415.D
Acq: 17 May 2023 16:11

Instrument :
BNA_F
ClientSampleId :
WC-N-1MSD

Tgt Ion:184 Resp: 45725
Ion Ratio Lower Upper
184 100
185 14.8 15.4 23.2
183 11.6 9.4 14.0

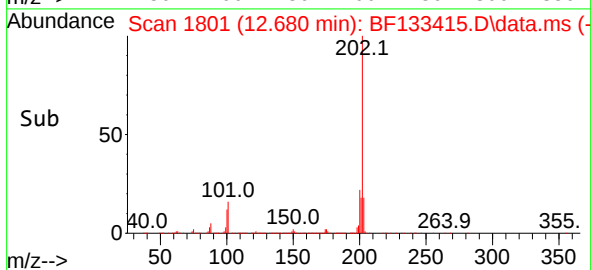
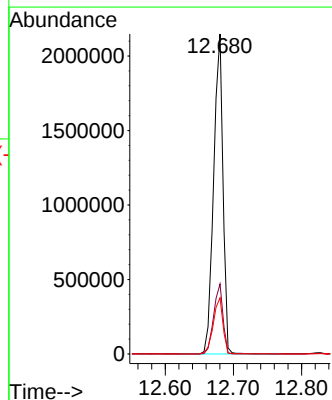
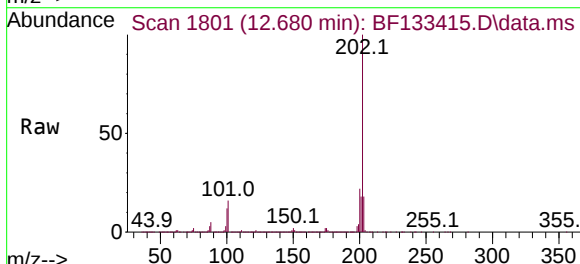
Manual Integrations
APPROVED

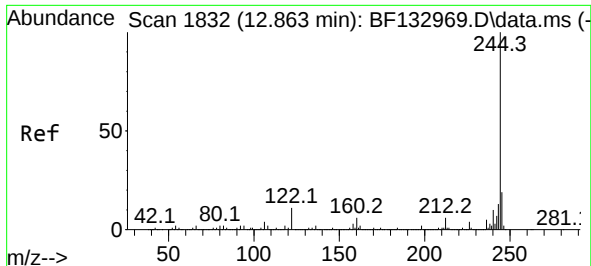
Reviewed By :Christian Giraldo 05/18/2023
Supervised By :Jagrut Upadhyay 05/18/2023



#78
Pyrene
Concen: 56.910 ng
RT: 12.680 min Scan# 1801
Delta R.T. -0.006 min
Lab File: BF133415.D
Acq: 17 May 2023 16:11

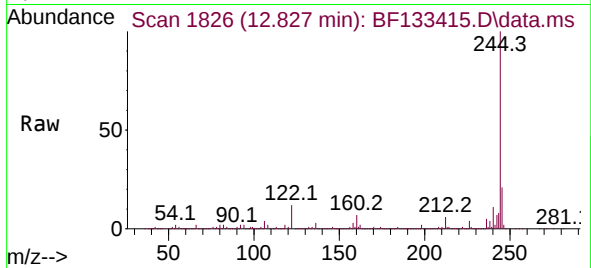
Tgt Ion:202 Resp: 2040606
Ion Ratio Lower Upper
202 100
200 21.9 17.1 25.7
203 17.6 14.1 21.1





#79
 Terphenyl-d14
 Concen: 112.598 ng
 RT: 12.827 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF133415.D
 Acq: 17 May 2023 16:11

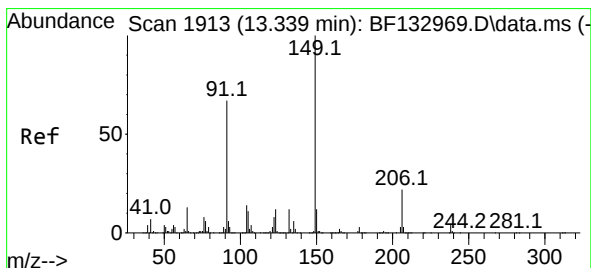
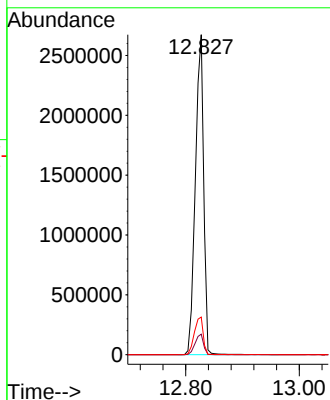
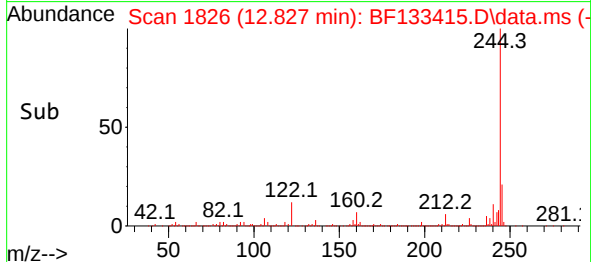
Instrument :
 BNA_F
 ClientSampleId :
 WC-N-1MSD



Tgt Ion:244 Resp: 273086
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.1 7.7
 122 11.8 8.6 13.0

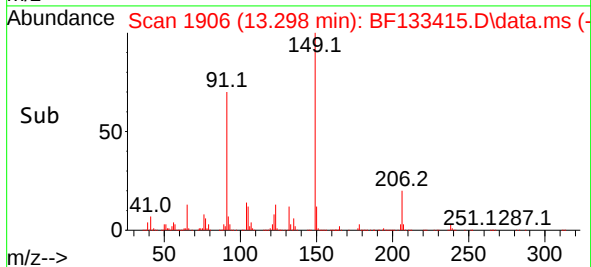
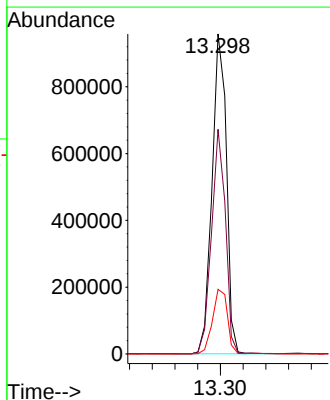
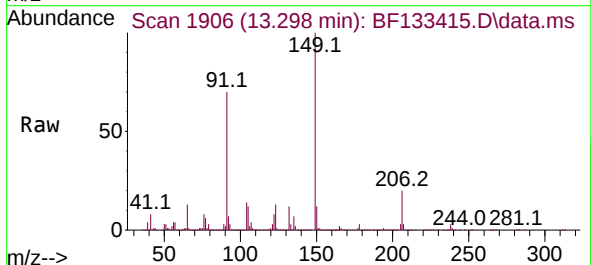
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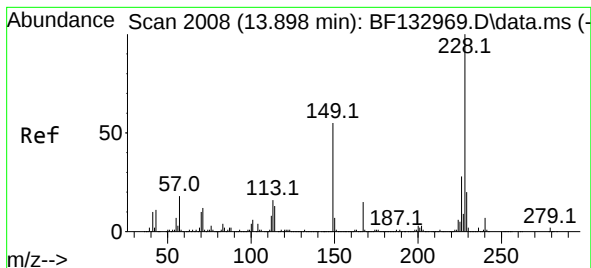
Reviewed By :Christian Giraldo 05/18/2023
 Supervised By :Jagrut Upadhyay 05/18/2023



#80
 Butylbenzylphthalate
 Concen: 66.307 ng
 RT: 13.298 min Scan# 1906
 Delta R.T. -0.006 min
 Lab File: BF133415.D
 Acq: 17 May 2023 16:11

Tgt Ion:149 Resp: 841830
 Ion Ratio Lower Upper
 149 100
 91 70.2 53.8 80.6
 206 20.2 17.5 26.3





#81

Benzo(a)anthracene

Concen: 43.456 ng

RT: 13.868 min Scan# 2008

Delta R.T. -0.006 min

Lab File: BF133415.D

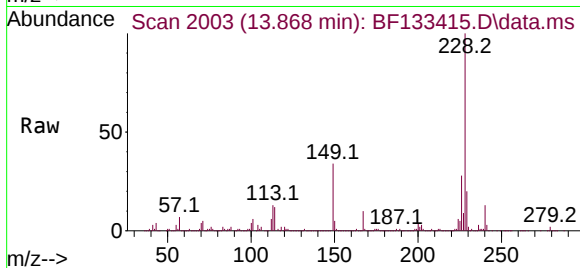
Acq: 17 May 2023 16:11

Instrument :

BNA_F

ClientSampleId :

WC-N-1MSD



Tgt Ion:228 Resp: 1249984

Ion Ratio Lower Upper

228 100

226 27.6 22.2 33.4

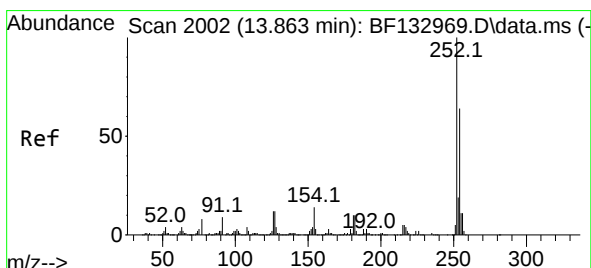
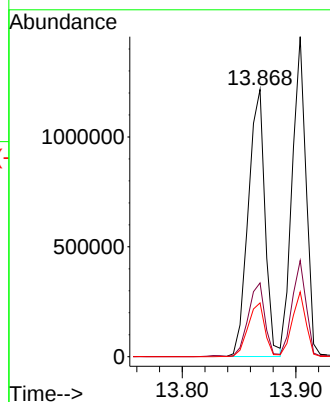
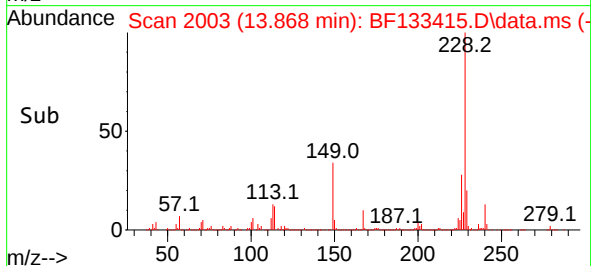
229 20.1 16.0 24.0

Manual Integrations

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Reviewed By :Christian Giraldo 05/18/2023

Supervised By :Jagrut Upadhyay 05/18/2023



#82

3,3'-Dichlorobenzidine

Concen: 34.433 ng

RT: 13.827 min Scan# 1996

Delta R.T. -0.012 min

Lab File: BF133415.D

Acq: 17 May 2023 16:11

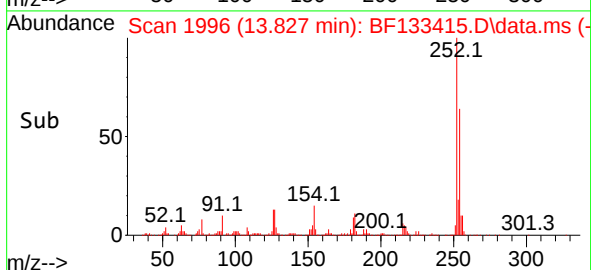
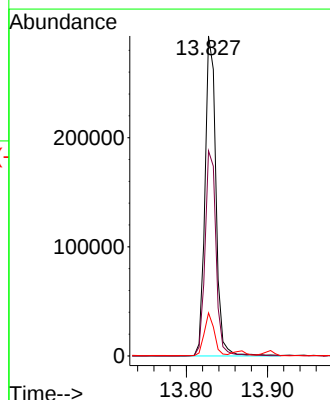
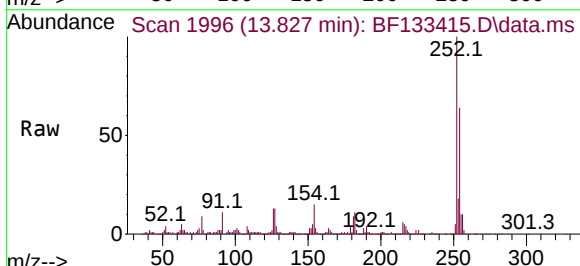
Tgt Ion:252 Resp: 273612

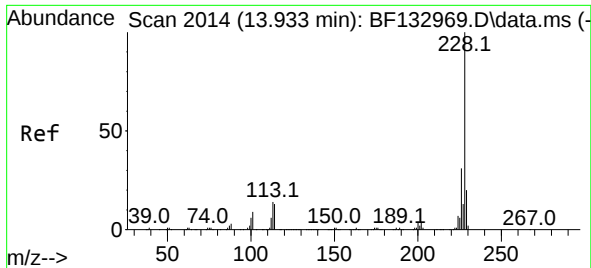
Ion Ratio Lower Upper

252 100

254 64.1 51.5 77.3

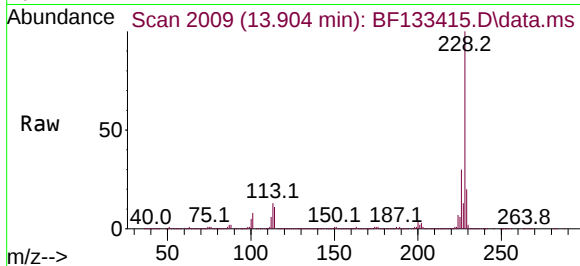
126 13.4 9.5 14.3





#83
Chrysene
Concen: 43.166 ng
RT: 13.904 min Scan# 2000
Delta R.T. -0.006 min
Lab File: BF133415.D
Acq: 17 May 2023 16:11

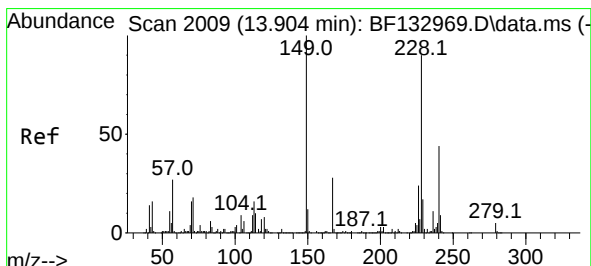
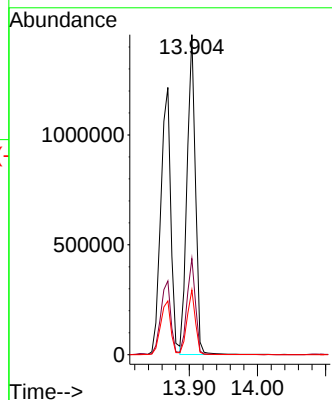
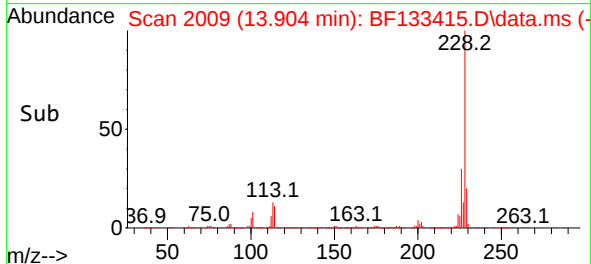
Instrument :
BNA_F
ClientSampleId :
WC-N-1MSD



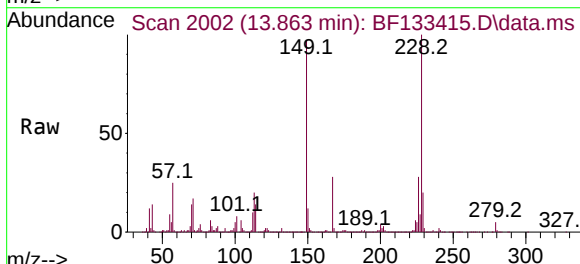
Tgt Ion:228 Resp: 1241324
Ion Ratio Lower Upper
228 100
226 30.1 24.7 37.1
229 20.3 16.1 24.1

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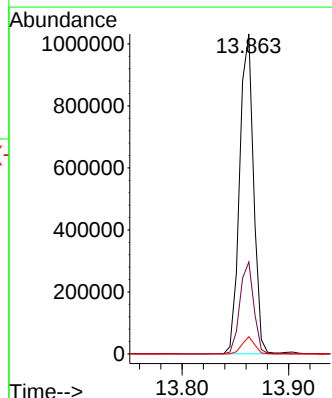
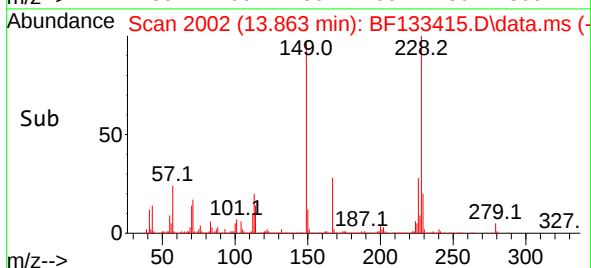
Reviewed By :Christian Giraldo 05/18/2023
Supervised By :Jagrut Upadhyay 05/18/2023

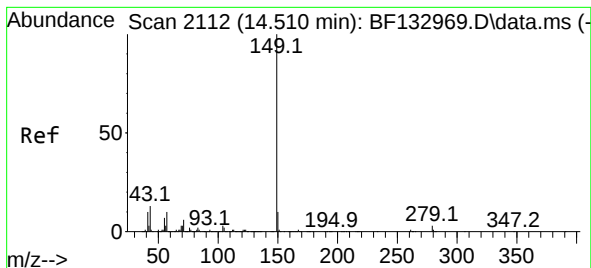


#84
Bis(2-ethylhexyl)phthalate
Concen: 58.988 ng
RT: 13.863 min Scan# 2002
Delta R.T. -0.000 min
Lab File: BF133415.D
Acq: 17 May 2023 16:11



Tgt Ion:149 Resp: 940014
Ion Ratio Lower Upper
149 100
167 28.7 22.5 33.7
279 5.4 4.2 6.4





#85

Di-n-octyl phthalate

Concen: 60.749 ng

RT: 14.474 min Scan# 2112

Delta R.T. -0.000 min

Lab File: BF133415.D

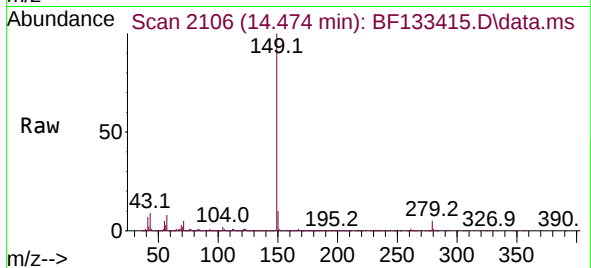
Acq: 17 May 2023 16:11

Instrument :

BNA_F

ClientSampleId :

WC-N-1MSD



Tgt Ion:149 Resp: 1578520

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

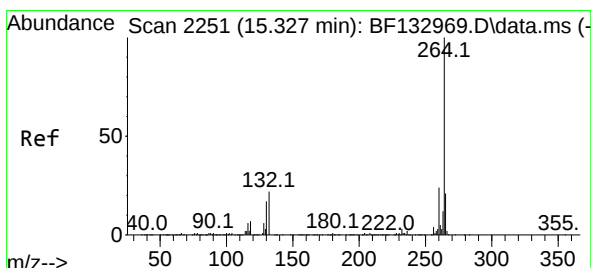
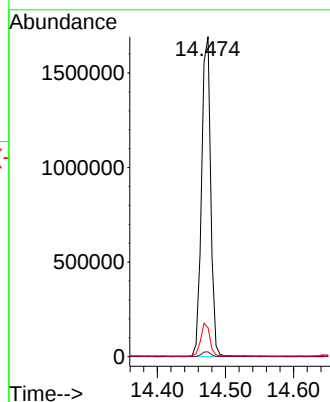
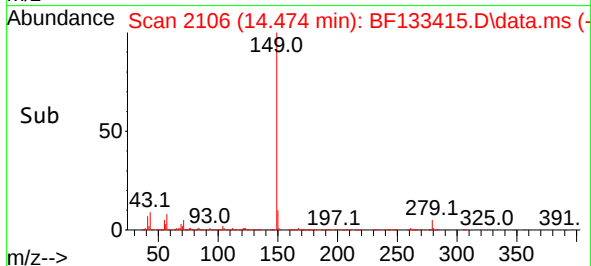
43 10.1 9.5 14.3

Manual Integrations

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Reviewed By :Christian Giraldo 05/18/2023

Supervised By :Jagrut Upadhyay 05/18/2023



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.298 min Scan# 2246

Delta R.T. -0.006 min

Lab File: BF133415.D

Acq: 17 May 2023 16:11

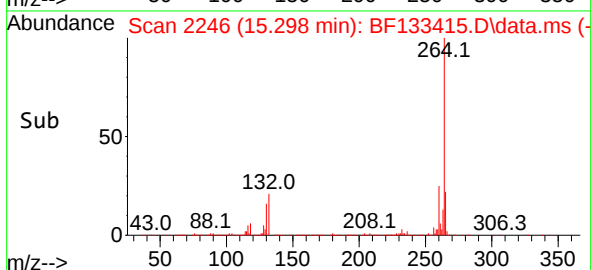
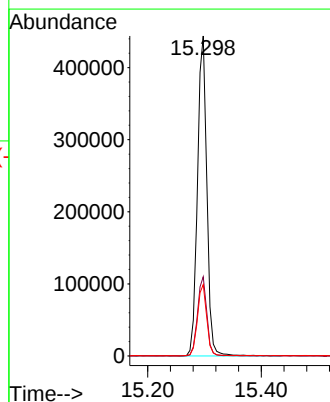
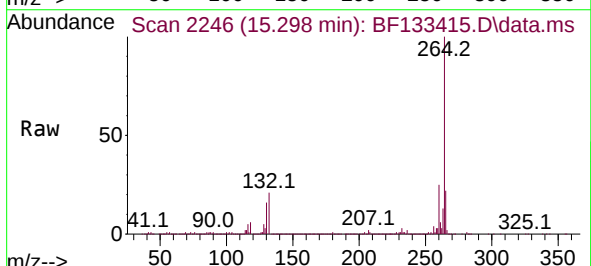
Tgt Ion:264 Resp: 513095

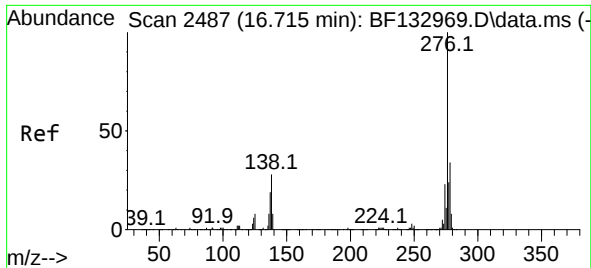
Ion Ratio Lower Upper

264 100

260 24.7 18.8 28.2

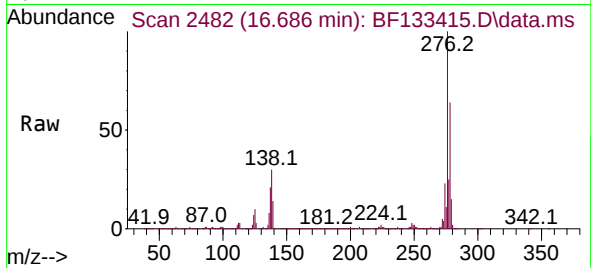
265 22.3 17.0 25.4





#87
 Indeno(1,2,3-cd)pyrene
 Concen: 57.875 ng
 RT: 16.686 min Scan# 2487
 Delta R.T. -0.012 min
 Lab File: BF133415.D
 Acq: 17 May 2023 16:11

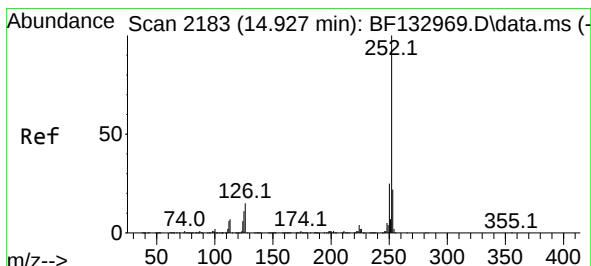
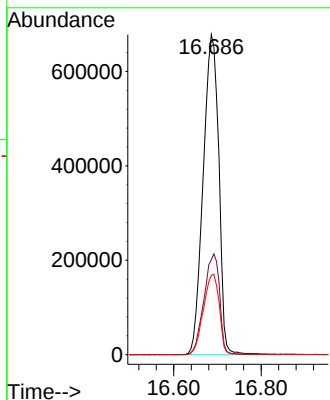
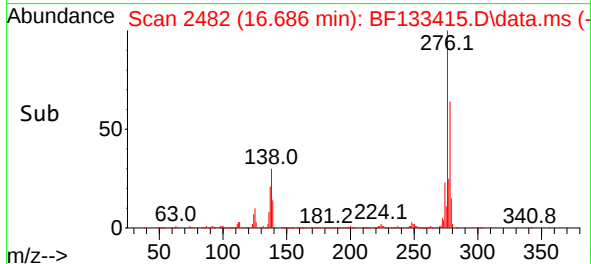
Instrument :
 BNA_F
 ClientSampleId :
 WC-N-1MSD



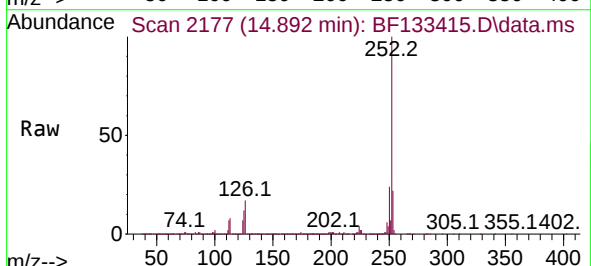
Tgt Ion:276 Resp: 168914
 Ion Ratio Lower Upper
 276 100
 138 31.5 25.5 38.3
 277 25.6 20.4 30.6

Manual Integrations
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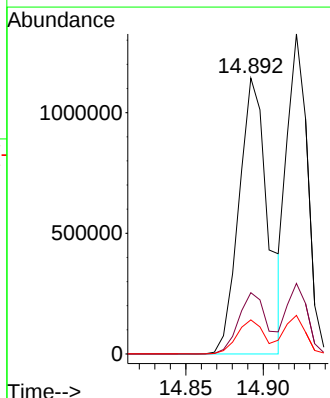
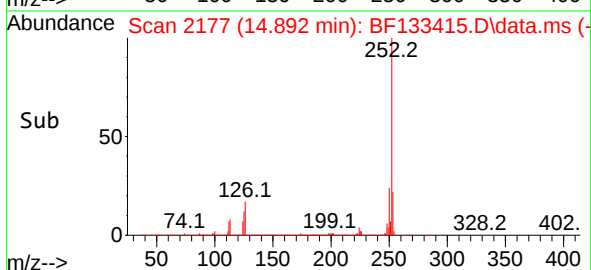
Reviewed By :Christian Giraldo 05/18/2023
 Supervised By :Jagrut Upadhyay 05/18/2023

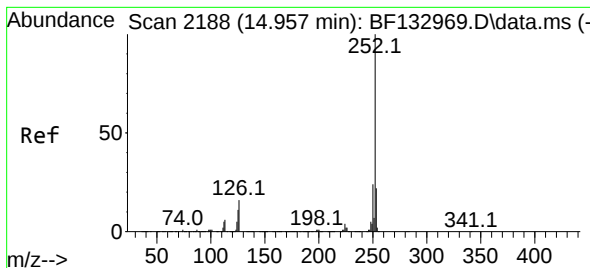


#88
 Benzo(b)fluoranthene
 Concen: 45.214 ng
 RT: 14.892 min Scan# 2177
 Delta R.T. -0.006 min
 Lab File: BF133415.D
 Acq: 17 May 2023 16:11



Tgt Ion:252 Resp: 1475886
 Ion Ratio Lower Upper
 252 100
 253 22.2 17.6 26.4
 125 12.4 8.9 13.3





#89

Benzo(k)fluoranthene

Concen: 37.800 ng

RT: 14.921 min Scan# 2188

Delta R.T. -0.006 min

Lab File: BF133415.D

Acq: 17 May 2023 16:11

Instrument :

BNA_F

ClientSampleId :

WC-N-1MSD

Tgt Ion:252 Resp: 122313

Ion Ratio Lower Upper

252 100

253 22.0 17.7 26.5

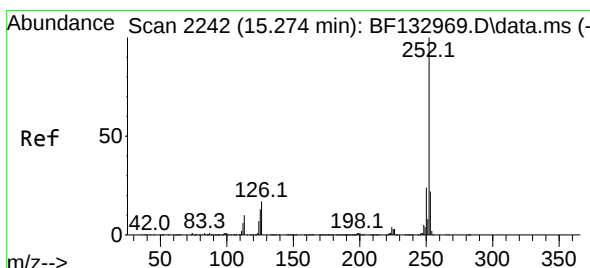
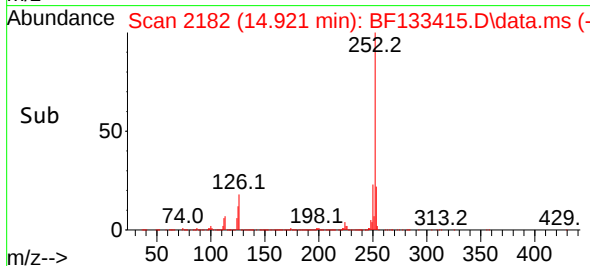
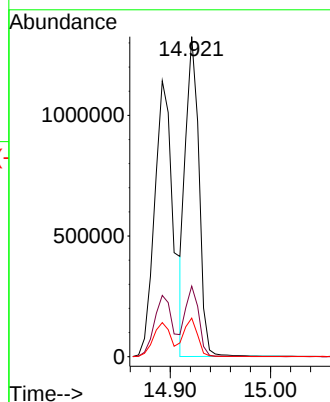
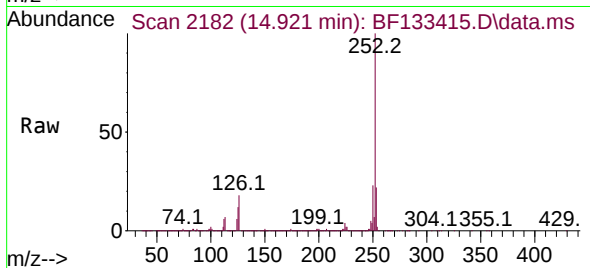
125 12.0 9.0 13.4

Manual Integrations

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Reviewed By :Christian Giraldo 05/18/2023

Supervised By :Jagrut Upadhyay 05/18/2023



#90

Benzo(a)pyrene

Concen: 42.166 ng

RT: 15.239 min Scan# 2236

Delta R.T. -0.006 min

Lab File: BF133415.D

Acq: 17 May 2023 16:11

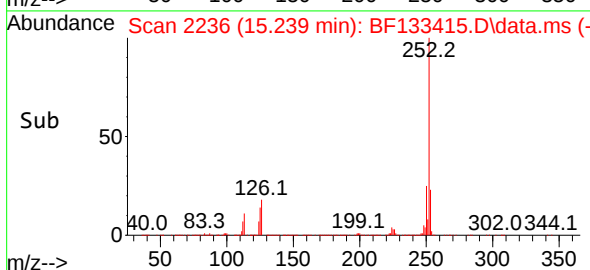
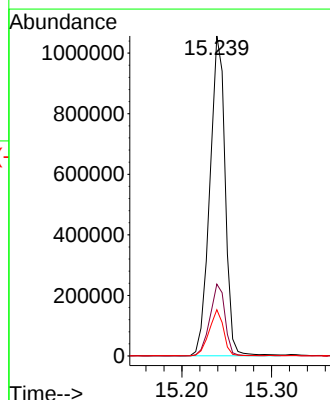
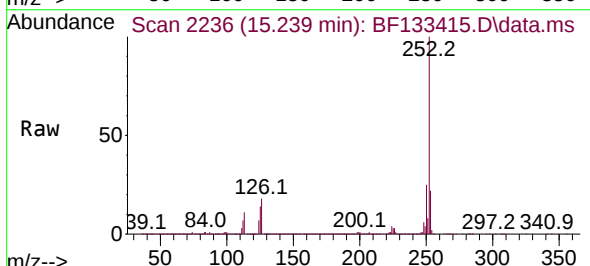
Tgt Ion:252 Resp: 1252802

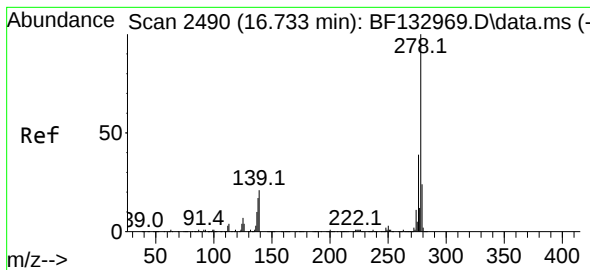
Ion Ratio Lower Upper

252 100

253 22.5 17.7 26.5

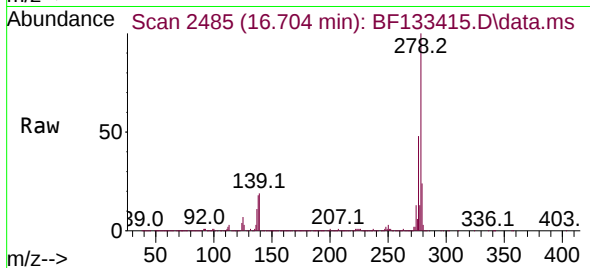
125 14.5 10.5 15.7





#91
Dibenzo(a,h)anthracene
Concen: 58.270 ng
RT: 16.704 min Scan# 2490
Delta R.T. -0.000 min
Lab File: BF133415.D
Acq: 17 May 2023 16:11

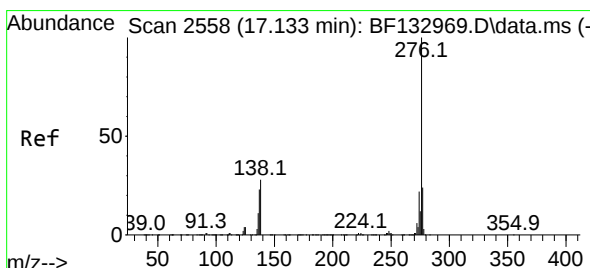
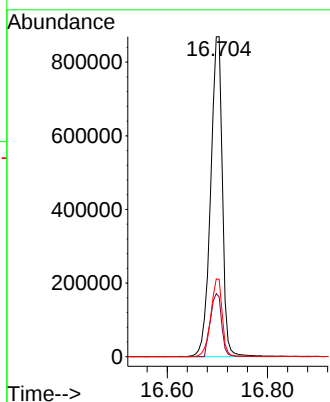
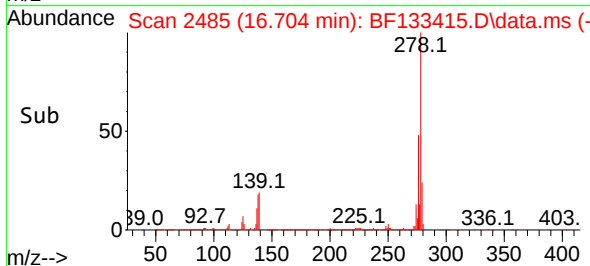
Instrument :
BNA_F
ClientSampleId :
WC-N-1MSD



Tgt Ion:278 Resp: 1418438
Ion Ratio Lower Upper
278 100
139 18.6 16.6 24.8
279 24.2 18.8 28.2

Manual Integrations
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Reviewed By :Christian Giraldo 05/18/2023
Supervised By :Jagrut Upadhyay 05/18/2023



#92
Benzo(g,h,i)perylene
Concen: 57.360 ng
RT: 17.104 min Scan# 2553
Delta R.T. -0.006 min
Lab File: BF133415.D
Acq: 17 May 2023 16:11

Tgt Ion:276 Resp: 1378485
Ion Ratio Lower Upper
276 100
277 22.9 19.4 29.0
138 26.5 22.7 34.1

