

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051723\
 Data File : BF133419.D
 Acq On : 17 May 2023 18:17
 Operator : CG\JU
 Sample : 02812-14MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WG-0516-B4-10-13MSD

Quant Time: May 18 04:04:18 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

Manual Integrations APPROVED

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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.716	152	207885	20.000	ng	0.00
21) Naphthalene-d8	7.998	136	835420	20.000	ng	-0.01
39) Acenaphthene-d10	9.751	164	434832	20.000	ng	-0.01
64) Phenanthrene-d10	11.233	188	781847	20.000	ng	-0.01
76) Chrysene-d12	13.874	240	348207	20.000	ng	-0.01
86) Perylene-d12	15.292	264	474264	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.334	112	1349488	98.061	ng	0.00
7) Phenol-d6	6.363	99	1612756	94.418	ng	0.00
23) Nitrobenzene-d5	7.281	82	1026018	66.291	ng	-0.01
42) 2,4,6-Tribromophenol	10.545	330	418687	95.742	ng	0.00
45) 2-Fluorobiphenyl	9.075	172	1670403	64.268	ng	-0.01
79) Terphenyl-d14	12.822	244	1680143	83.217	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.405	88	269178	42.170	ng	94
3) Pyridine	3.099	79	689904	40.694	ng	94
4) n-Nitrosodimethylamine	3.063	42	359196	40.904	ng	89
6) Aniline	6.375	93	838568	38.117	ng	# 44
8) 2-Chlorophenol	6.504	128	703269	50.332	ng	92
9) Benzaldehyde	6.257	77	447784	78.234	ng	99
10) Phenol	6.381	94	837508	44.445	ng	75
11) bis(2-Chloroethyl)ether	6.451	93	659313	46.626	ng	98
12) 1,3-Dichlorobenzene	6.657	146	743754	50.066	ng	96
13) 1,4-Dichlorobenzene	6.734	146	751574	50.481	ng	97
14) 1,2-Dichlorobenzene	6.887	146	719682	52.432	ng	99
15) Benzyl Alcohol	6.869	79	573544	48.610	ng	96
16) 2,2'-oxybis(1-Chloropr...	6.998	45	1024639	41.720	ng	88
17) 2-Methylphenol	6.987	107	572701	44.762	ng	96
18) Hexachloroethane	7.228	117	259378	50.110	ng	98
19) n-Nitroso-di-n-propyla...	7.140	70	442279	41.591	ng	92
20) 3+4-Methylphenols	7.140	107	700500	46.491	ng	# 70
22) Acetophenone	7.128	105	938944	48.519	ng	# 92
24) Nitrobenzene	7.304	77	696887	44.434	ng	98
25) Isophorone	7.540	82	1329340	45.237	ng	98
26) 2-Nitrophenol	7.622	139	401467	53.071	ng	# 89
27) 2,4-Dimethylphenol	7.669	122	637158	49.120	ng	97
28) bis(2-Chloroethoxy)met...	7.757	93	810715	46.634	ng	99
29) 2,4-Dichlorophenol	7.869	162	584601	49.507	ng	96
30) 1,2,4-Trichlorobenzene	7.945	180	607826	49.686	ng	99
31) Naphthalene	8.022	128	1944486	46.554	ng	99
32) Benzoic acid	7.798	122	306641m	38.271	ng	
33) 4-Chloroaniline	8.075	127	461174	27.327	ng	99
34) Hexachlorobutadiene	8.139	225	327688	48.329	ng	99
35) Caprolactam	8.457	113	207589m	52.331	ng	
36) 4-Chloro-3-methylphenol	8.569	107	628073	49.323	ng	97
37) 2-Methylnaphthalene	8.716	142	1293974	45.314	ng	96
38) 1-Methylnaphthalene	8.816	142	1208019	45.221	ng	98
40) 1,2,4,5-Tetrachloroben...	8.881	216	555862	47.544	ng	99
41) Hexachlorocyclopentadiene	8.869	237	565475	82.933	ng	99
43) 2,4,6-Trichlorophenol	8.998	196	387754	47.957	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.039	196	417458	44.643	ng	98
46) 1,1'-Biphenyl	9.181	154	1627524	47.202	ng	99
47) 2-Chloronaphthalene	9.204	162	1202000	47.628	ng	100
48) 2-Nitroaniline	9.304	65	381446	45.733	ng	93
49) Acenaphthylene	9.616	152	1863270	46.206	ng	100
50) Dimethylphthalate	9.486	163	1473460	48.597	ng	99
51) 2,6-Dinitrotoluene	9.545	165	334872	49.071	ng	92
52) Acenaphthene	9.786	154	1334354m	49.406	ng	
53) 3-Nitroaniline	9.716	138	274139	33.785	ng	96
54) 2,4-Dinitrophenol	9.828	184	301140	87.791	ng	94
55) Dibenzofuran	9.963	168	1645783	44.672	ng	99
56) 4-Nitrophenol	9.892	139	508576	80.924	ng	93
57) 2,4-Dinitrotoluene	9.951	165	427756	49.151	ng	94
58) Fluorene	10.304	166	1271653	47.113	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.086	232	344725	47.552	ng	97
60) Diethylphthalate	10.181	149	1377344	48.093	ng	100
61) 4-Chlorophenyl-phenyle...	10.292	204	614742	46.736	ng	94
62) 4-Nitroaniline	10.333	138	377203	50.579	ng	96
63) Azobenzene	10.457	77	1356132	44.700	ng	96
65) 4,6-Dinitro-2-methylph...	10.363	198	239551	50.549	ng	88
66) n-Nitrosodiphenylamine	10.416	169	1166746	46.005	ng	99
67) 4-Bromophenyl-phenylether	10.786	248	398144	46.953	ng	97
68) Hexachlorobenzene	10.851	284	427481	49.198	ng	94
69) Atrazine	10.951	200	408275	55.869	ng	98
70) Pentachlorophenol	11.051	266	397414	64.221	ng	97
71) Phenanthrene	11.263	178	1918934	45.665	ng	100
72) Anthracene	11.316	178	1969375	45.794	ng	100
73) Carbazole	11.475	167	1734434	45.294	ng	100
74) Di-n-butylphthalate	11.804	149	2166399	49.993	ng	99
75) Fluoranthene	12.451	202	1849254	43.848	ng	97
77) Benzidine	12.574	184	842896	143.146	ng	# 93
78) Pyrene	12.674	202	1847783	61.904	ng	100
80) Butylbenzylphthalate	13.298	149	712459	67.411	ng	99
81) Benzo(a)anthracene	13.863	228	1146395	47.876	ng	100
82) 3,3'-Dichlorobenzidine	13.827	252	262875	39.740	ng	98
83) Chrysene	13.904	228	1129662	47.189	ng	98
84) Bis(2-ethylhexyl)phtha...	13.857	149	816738	61.567	ng	# 98
85) Di-n-octyl phthalate	14.468	149	1423754	65.821	ng	96
87) Indeno(1,2,3-cd)pyrene	16.680	276	1666760	61.784	ng	99
88) Benzo(b)fluoranthene	14.892	252	1316937	43.647	ng	99
89) Benzo(k)fluoranthene	14.921	252	1272725	42.553	ng	99
90) Benzo(a)pyrene	15.239	252	1234515	44.952	ng	99
91) Dibenzo(a,h)anthracene	16.698	278	1383163	61.473	ng	100
92) Benzo(g,h,i)perylene	17.104	276	1362823	61.351	ng	98

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

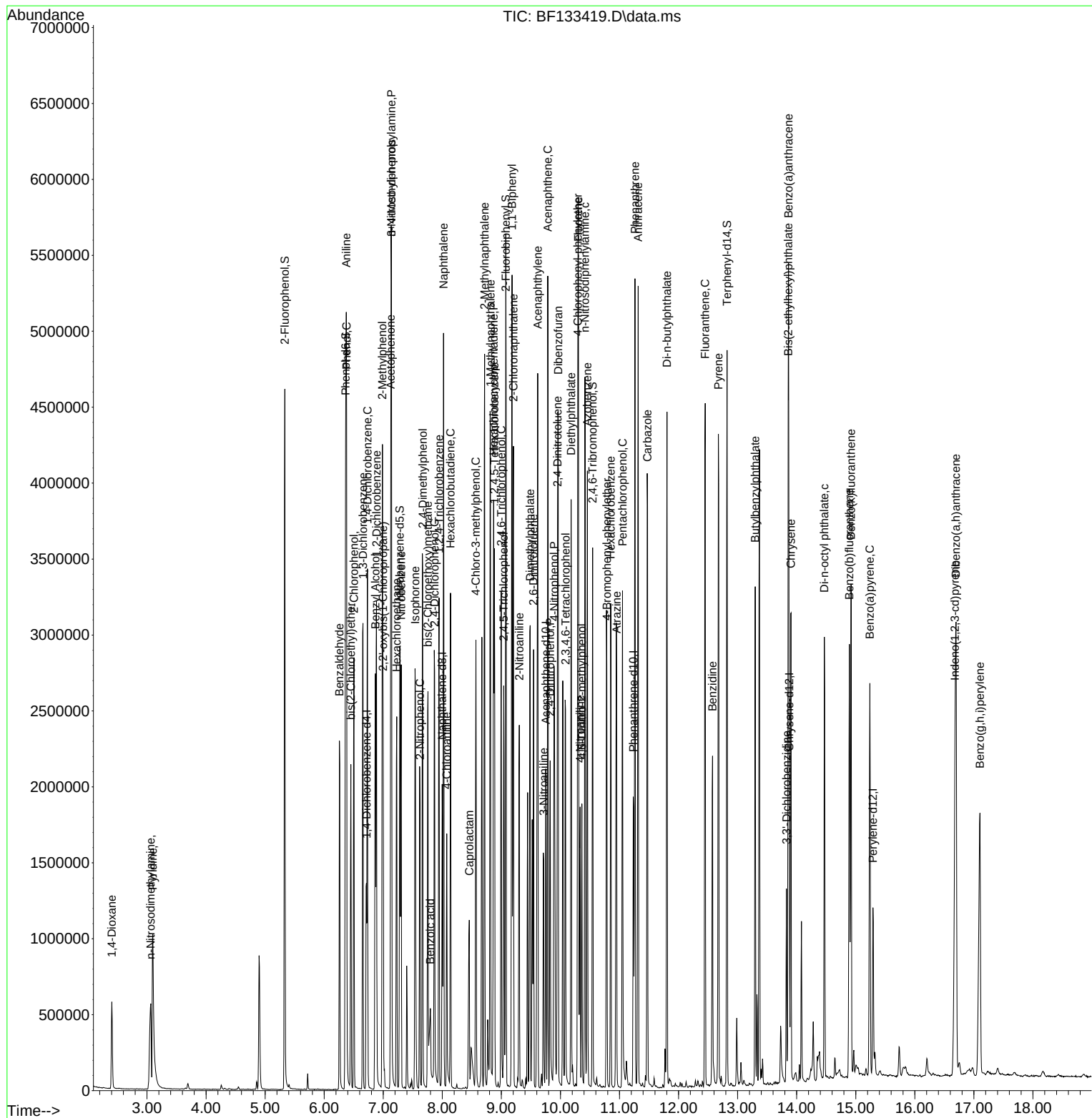
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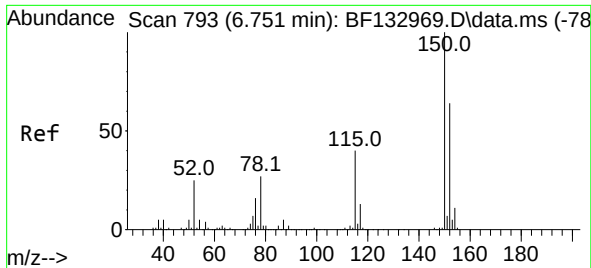
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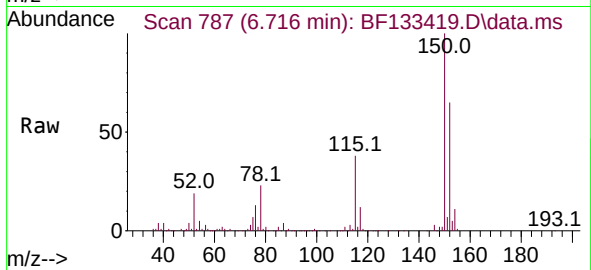
Reviewed By : Christian Giraldo 05/18/2023
 Supervised By : Jagrut Upadhyay 05/18/2023





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.716 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF133419.D
Acq: 17 May 2023 18:17

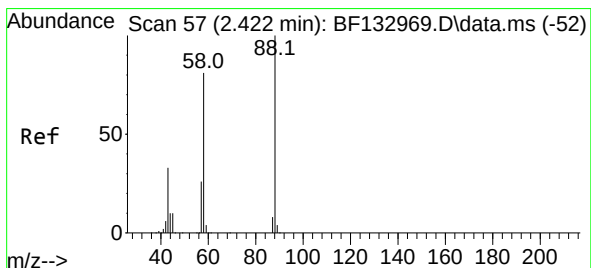
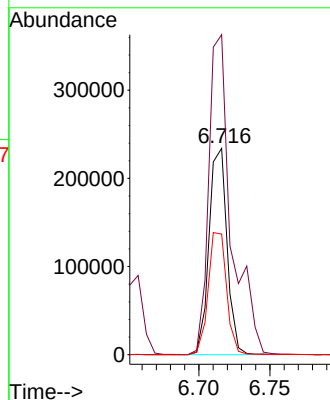
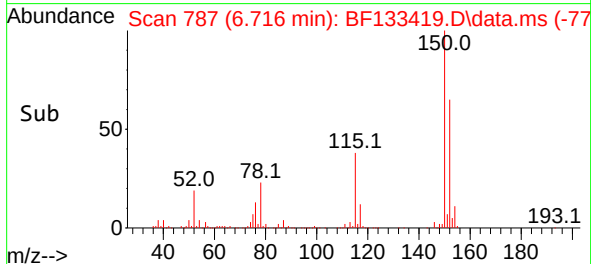
Instrument :
BNA_F
ClientSampleId :
WG-0516-B4-10-13MSD



Tgt Ion: 152 Resp: 207885
Ion Ratio Lower Upper
152 100
150 155.0 124.8 187.2
115 58.4 49.9 74.9

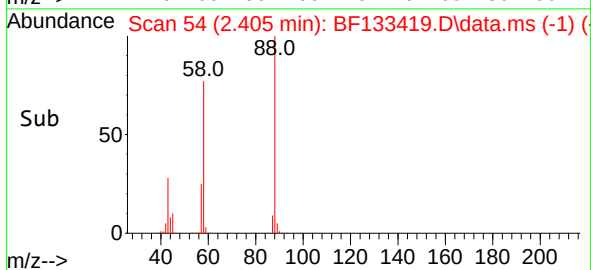
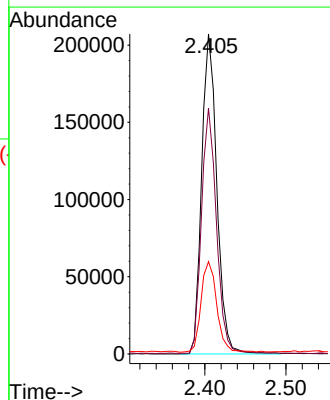
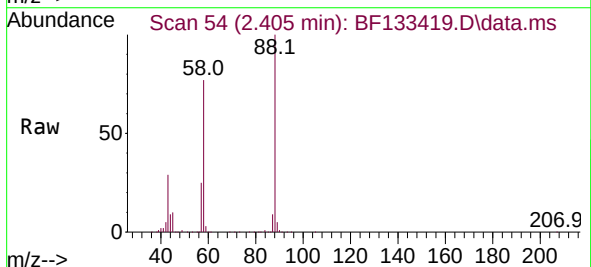
Manual Integrations
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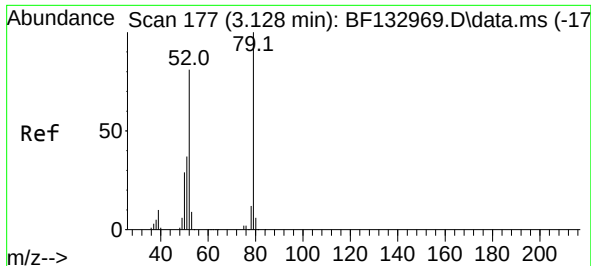
Reviewed By :Christian Giraldo 05/18/2023
Supervised By :Jagrut Upadhyay 05/18/2023



#2
1,4-Dioxane
Concen: 42.170 ng
RT: 2.405 min Scan# 54
Delta R.T. 0.035 min
Lab File: BF133419.D
Acq: 17 May 2023 18:17

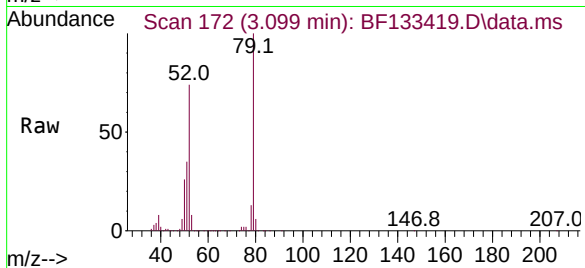
Tgt Ion: 88 Resp: 269178
Ion Ratio Lower Upper
88 100
58 75.6 64.7 97.1
43 29.4 26.2 39.2





#3
Pyridine
Concen: 40.694 ng
RT: 3.099 min Scan# 11
Delta R.T. 0.035 min
Lab File: BF133419.D
Acq: 17 May 2023 18:17

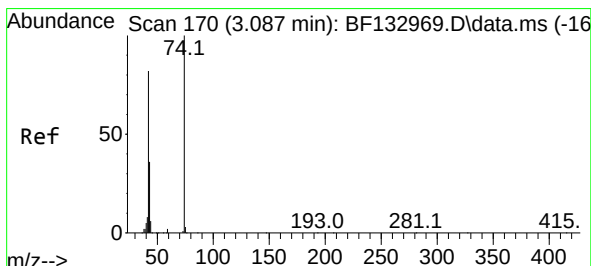
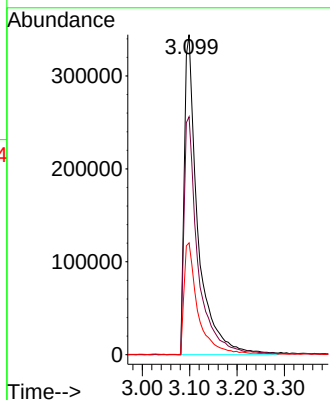
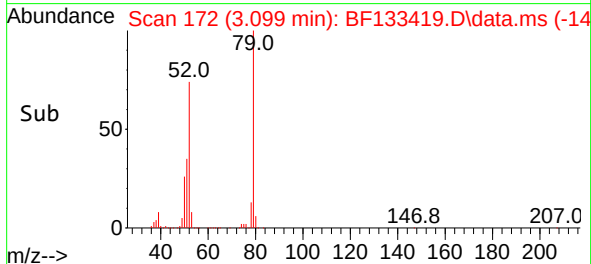
Instrument :
BNA_F
ClientSampleId :
WG-0516-B4-10-13MSD



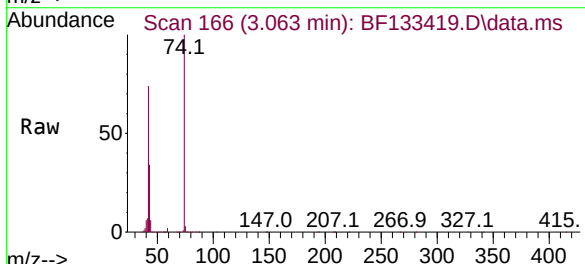
Tgt Ion: 79 Resp: 689904
Ion Ratio Lower Upper
79 100
52 74.4 64.6 96.8
51 35.0 30.0 45.0

Manual Integrations
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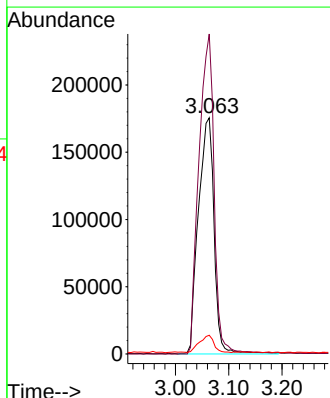
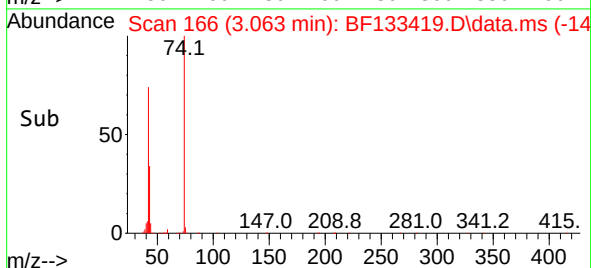
Reviewed By :Christian Giraldo 05/18/2023
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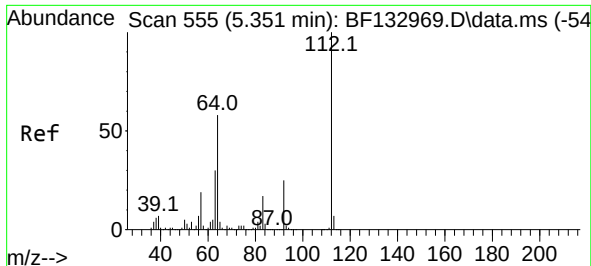


#4
n-Nitrosodimethylamine
Concen: 40.904 ng
RT: 3.063 min Scan# 166
Delta R.T. 0.035 min
Lab File: BF133419.D
Acq: 17 May 2023 18:17



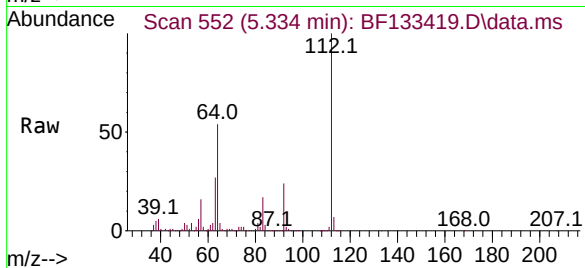
Tgt Ion: 42 Resp: 359196
Ion Ratio Lower Upper
42 100
74 135.5 98.0 147.0
44 7.9 5.8 8.8





#5
2-Fluorophenol
Concen: 98.061 ng
RT: 5.334 min Scan# 511
Delta R.T. 0.000 min
Lab File: BF133419.D
Acq: 17 May 2023 18:17

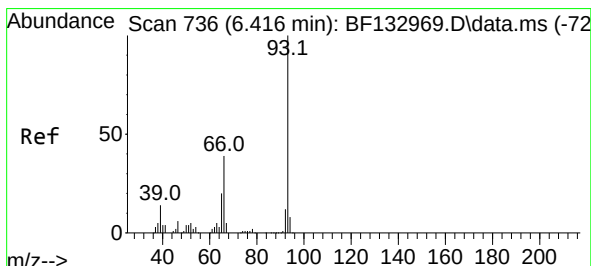
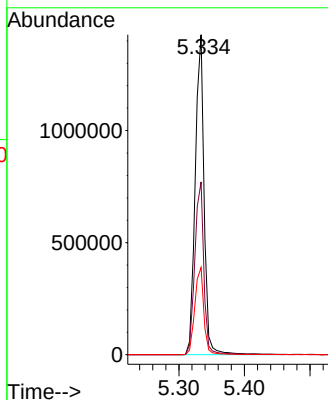
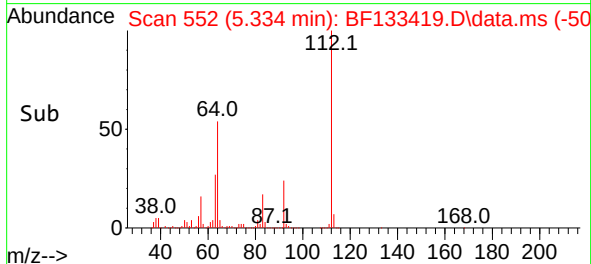
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BNA_F
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WG-0516-B4-10-13MSD



Tgt Ion:112 Resp: 1349488
Ion Ratio Lower Upper
112 100
64 54.0 46.8 70.2
63 27.2 23.8 35.8

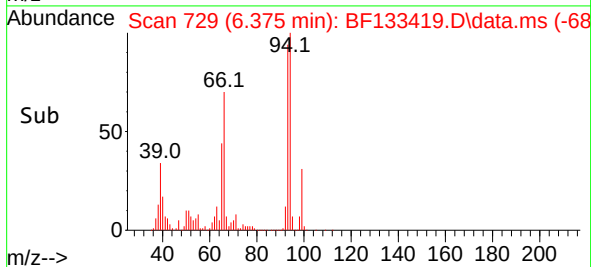
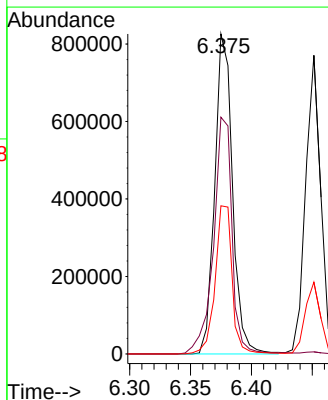
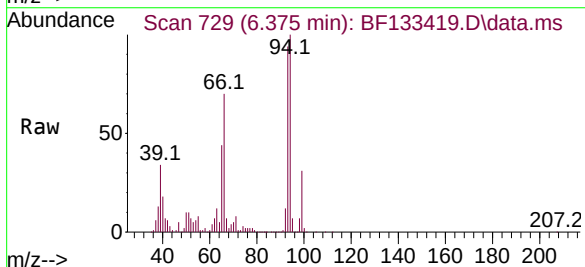
Manual Integrations
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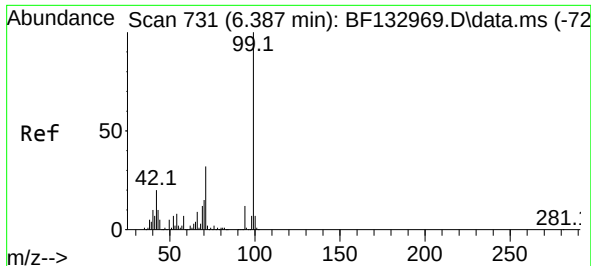
Reviewed By :Christian Giraldo 05/18/2023
Supervised By :Jagrut Upadhyay 05/18/2023



#6
Aniline
Concen: 38.117 ng
RT: 6.375 min Scan# 729
Delta R.T. -0.012 min
Lab File: BF133419.D
Acq: 17 May 2023 18:17

Tgt Ion: 93 Resp: 838568
Ion Ratio Lower Upper
93 100
66 74.0 31.5 47.3#
65 46.3 16.4 24.6#





#7

Phenol-d6

Concen: 94.418 ng

RT: 6.363 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF133419.D

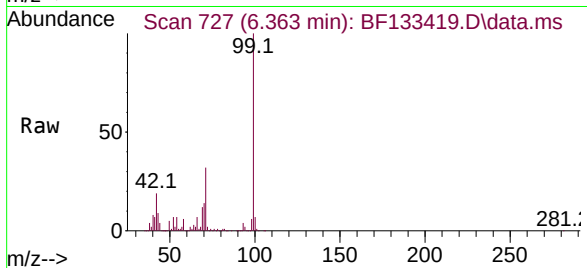
Acq: 17 May 2023 18:17

Instrument :

BNA_F

ClientSampleId :

WG-0516-B4-10-13MSD



Tgt Ion: 99 Resp: 161275

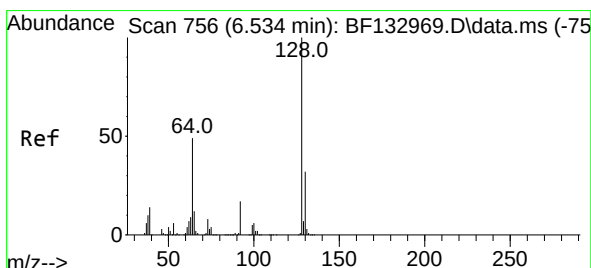
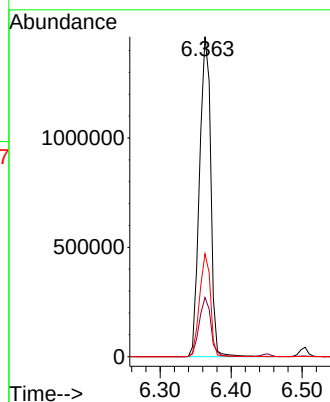
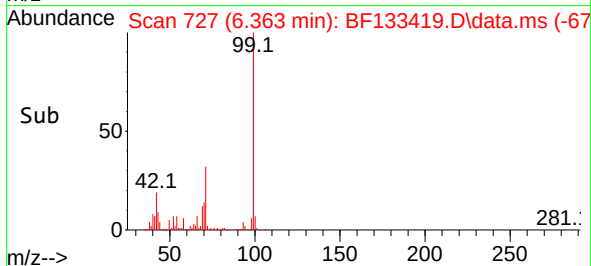
Ion	Ratio	Lower	Upper
99	100		
42	18.5	16.3	24.5
71	32.2	25.6	38.4

Manual Integrations

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#8

2-Chlorophenol

Concen: 50.332 ng

RT: 6.504 min Scan# 751

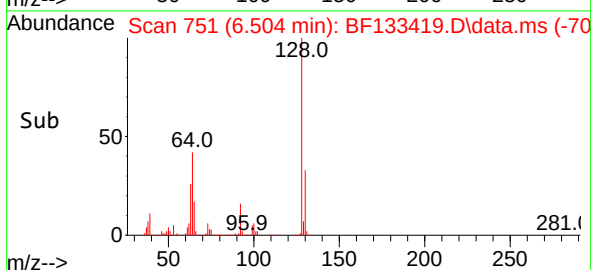
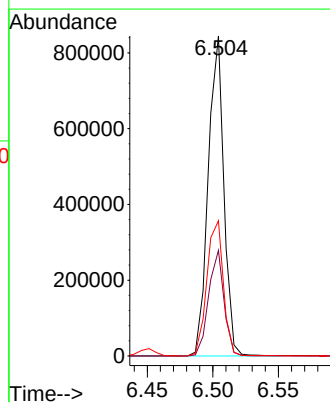
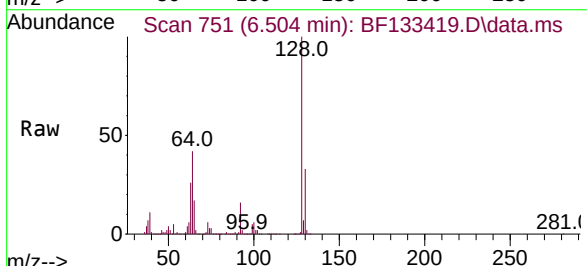
Delta R.T. -0.006 min

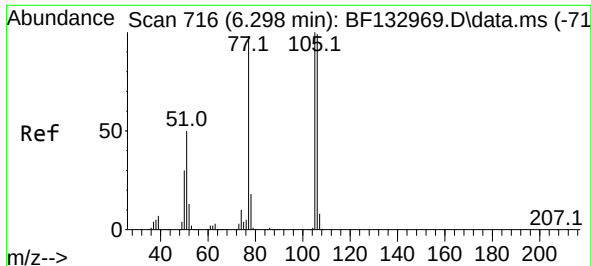
Lab File: BF133419.D

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Tgt Ion:128 Resp: 703269

Ion	Ratio	Lower	Upper
128	100		
130	33.0	12.2	52.2
64	42.3	30.3	70.3





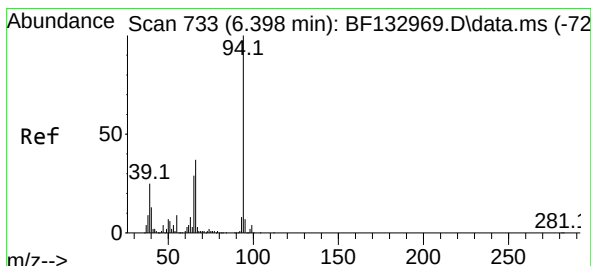
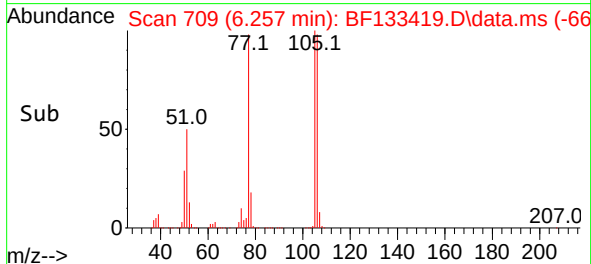
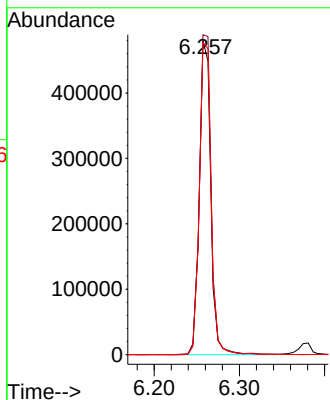
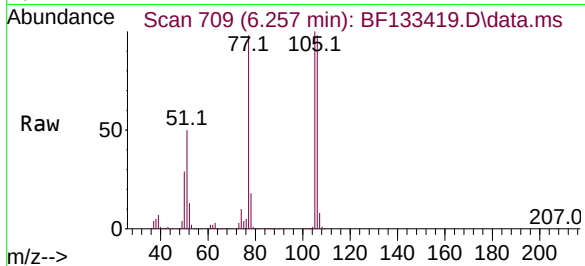
#9
Benzaldehyde
Concen: 78.234 ng
RT: 6.257 min Scan# 709
Delta R.T. -0.012 min
Lab File: BF133419.D
Acq: 17 May 2023 18:17

Instrument :
BNA_F
ClientSampleId :
WG-0516-B4-10-13MSD

Tgt Ion: 77 Resp: 447784
Ion Ratio Lower Upper
77 100
105 102.0 82.3 122.3
106 99.5 80.8 120.8

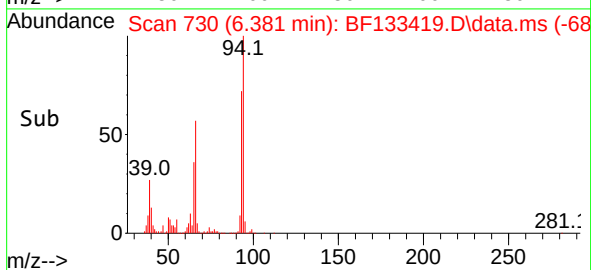
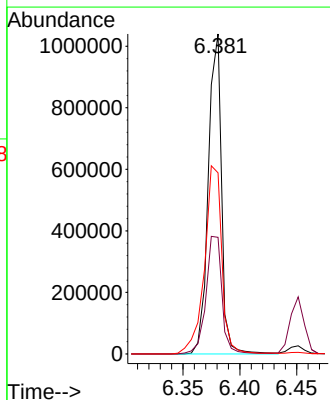
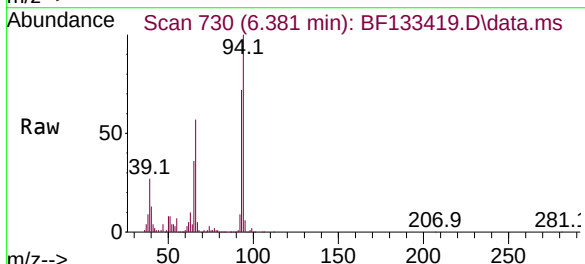
Manual Integrations
APPROVED

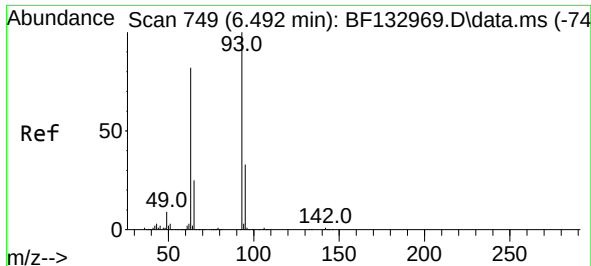
Reviewed By :Christian Giraldo 05/18/2023
Supervised By :Jagrut Upadhyay 05/18/2023



#10
Phenol
Concen: 44.445 ng
RT: 6.381 min Scan# 730
Delta R.T. -0.006 min
Lab File: BF133419.D
Acq: 17 May 2023 18:17

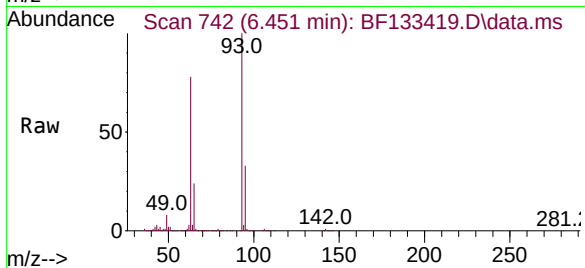
Tgt Ion: 94 Resp: 837508
Ion Ratio Lower Upper
94 100
65 36.5 8.6 48.6
66 56.6 17.3 57.3





#11
bis(2-Chloroethyl)ether
Concen: 46.626 ng
RT: 6.451 min Scan# 741
Delta R.T. -0.012 min
Lab File: BF133419.D
Acq: 17 May 2023 18:17

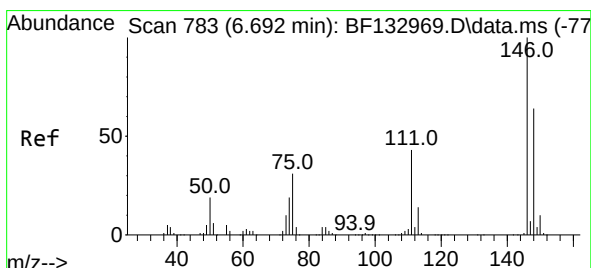
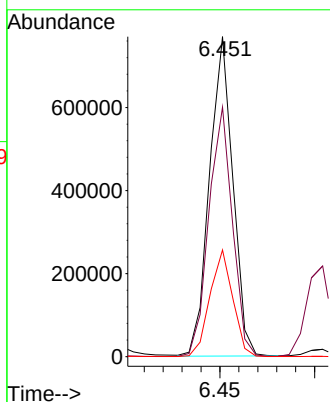
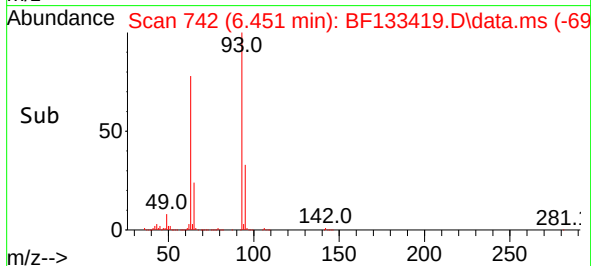
Instrument :
BNA_F
ClientSampleId :
WG-0516-B4-10-13MSD



Tgt Ion: 93 Resp: 659311
Ion Ratio Lower Upper
93 100
63 78.0 60.6 100.6
95 33.4 12.9 52.9

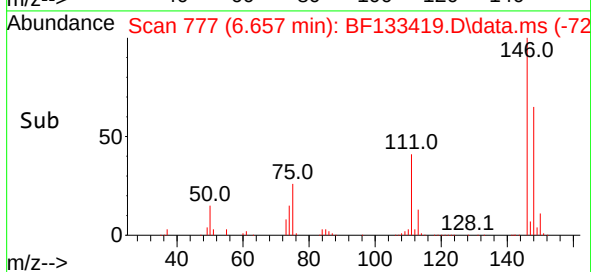
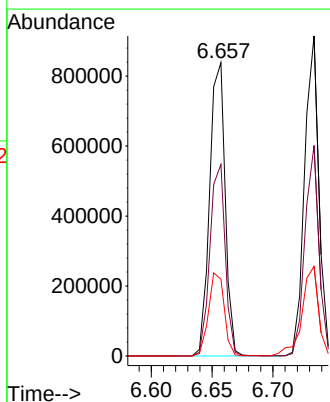
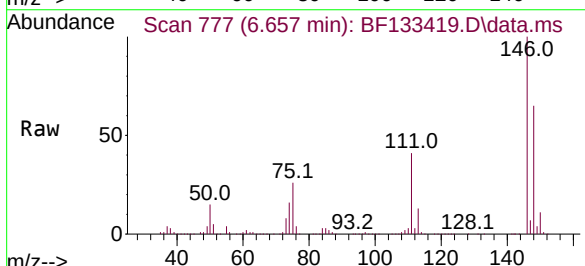
Manual Integrations
APPROVED

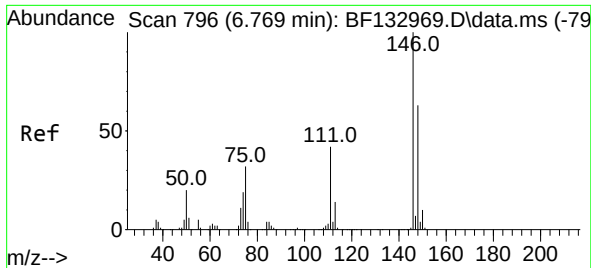
Reviewed By :Christian Giraldo 05/18/2023
Supervised By :Jagrut Upadhyay 05/18/2023



#12
1,3-Dichlorobenzene
Concen: 50.066 ng
RT: 6.657 min Scan# 777
Delta R.T. -0.006 min
Lab File: BF133419.D
Acq: 17 May 2023 18:17

Tgt Ion:146 Resp: 743754
Ion Ratio Lower Upper
146 100
148 65.3 51.0 76.4
75 26.2 24.8 37.2





#13

1,4-Dichlorobenzene

Concen: 50.481 ng

RT: 6.734 min Scan# 74

Delta R.T. -0.006 min

Lab File: BF133419.D

Acq: 17 May 2023 18:17

Instrument :

BNA_F

ClientSampleId :

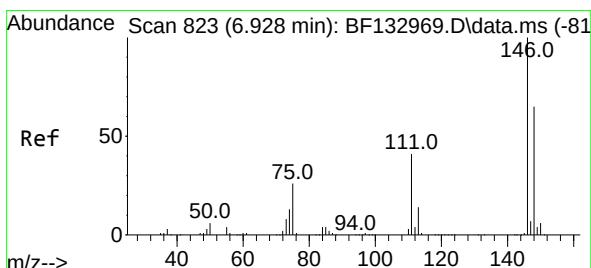
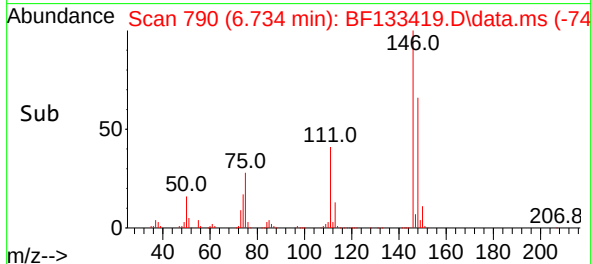
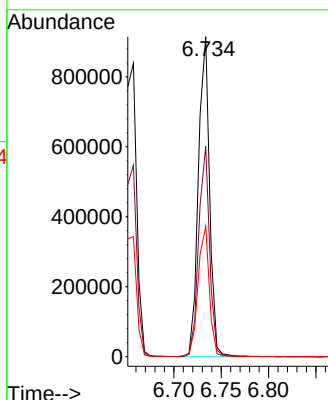
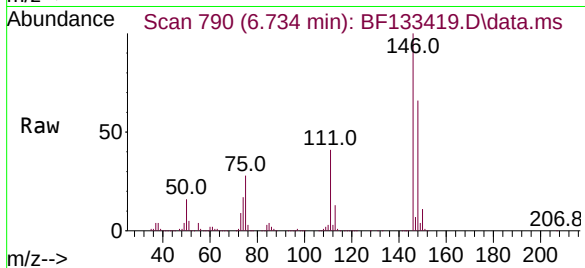
WG-0516-B4-10-13MSD

Tgt Ion:146 Resp: 751574
 Ion Ratio Lower Upper
 146 100
 148 65.8 50.3 75.5
 111 40.7 33.8 50.6

Manual Integrations

APPROVED

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



#14

1,2-Dichlorobenzene

Concen: 52.432 ng

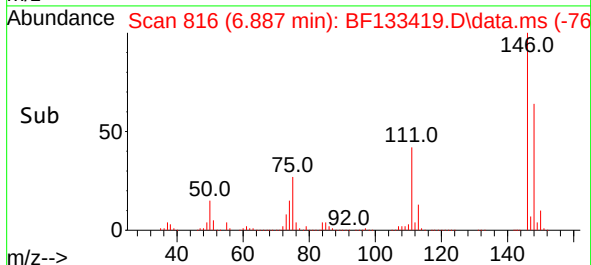
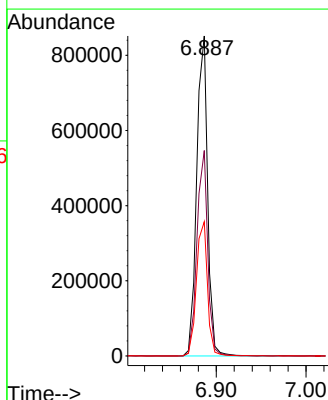
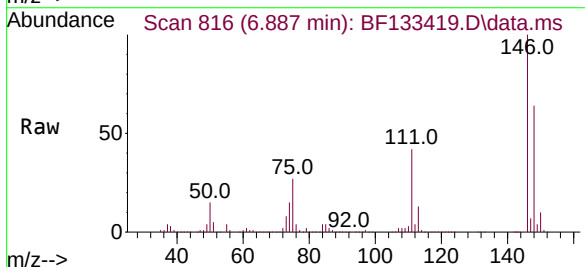
RT: 6.887 min Scan# 816

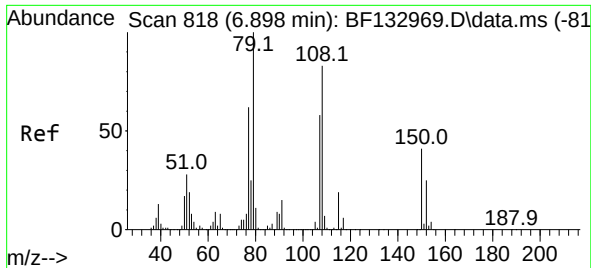
Delta R.T. -0.006 min

Lab File: BF133419.D

Acq: 17 May 2023 18:17

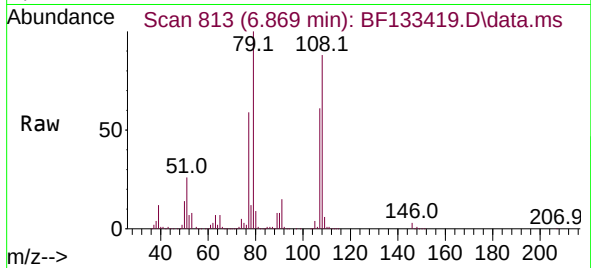
Tgt Ion:146 Resp: 719682
 Ion Ratio Lower Upper
 146 100
 148 64.2 52.2 78.2
 111 41.9 32.8 49.2





#15
Benzyl Alcohol
Concen: 48.610 ng
RT: 6.869 min Scan# 811
Delta R.T. 0.000 min
Lab File: BF133419.D
Acq: 17 May 2023 18:17

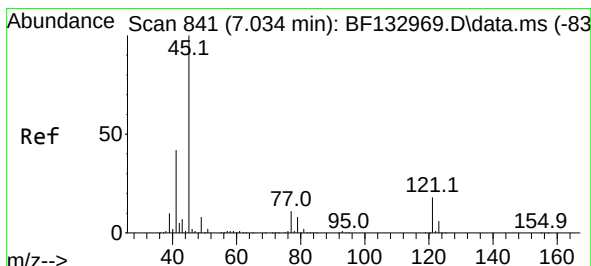
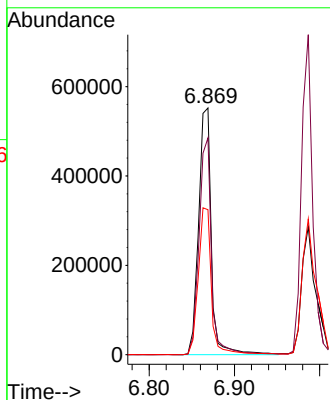
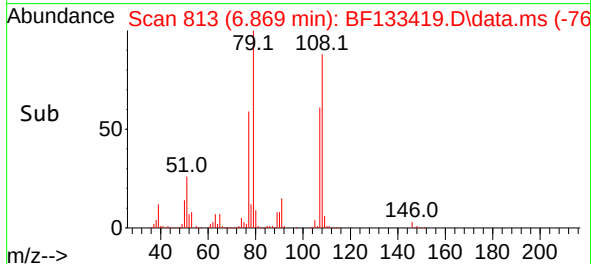
Instrument :
BNA_F
ClientSampleId :
WG-0516-B4-10-13MSD



Tgt Ion: 79 Resp: 573544
Ion Ratio Lower Upper
79 100
108 87.8 66.6 99.8
77 58.7 49.2 73.8

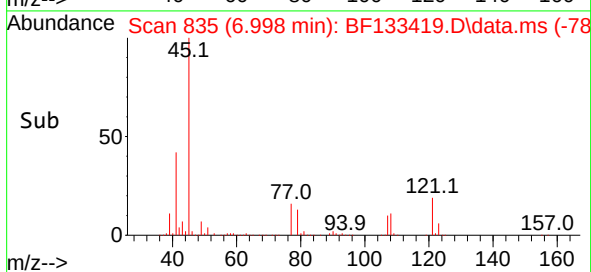
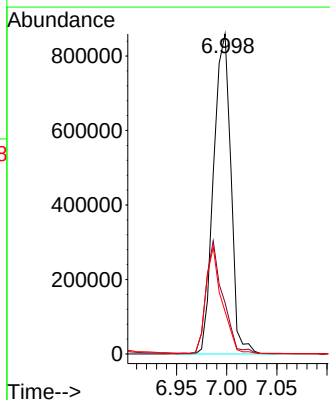
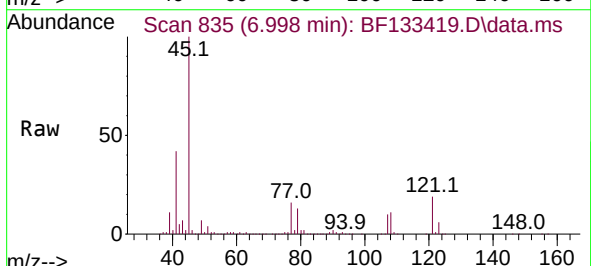
Manual Integrations
APPROVED

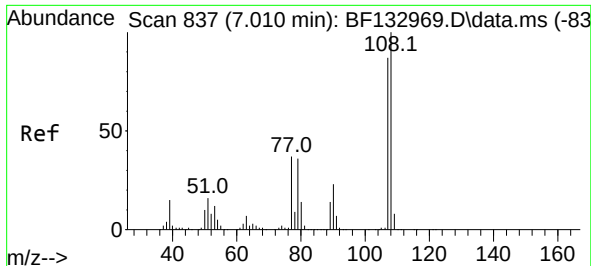
Reviewed By :Christian Giraldo 05/18/2023
Supervised By :Jagrut Upadhyay 05/18/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.720 ng
RT: 6.998 min Scan# 835
Delta R.T. -0.006 min
Lab File: BF133419.D
Acq: 17 May 2023 18:17

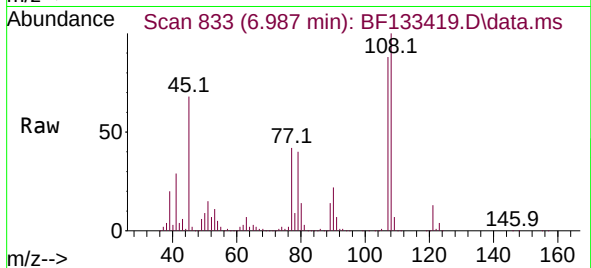
Tgt Ion: 45 Resp: 1024639
Ion Ratio Lower Upper
45 100
77 16.0 0.0 31.5
79 13.3 0.0 28.7





#17
2-Methylphenol
Concen: 44.762 ng
RT: 6.987 min Scan# 811
Delta R.T. -0.006 min
Lab File: BF133419.D
Acq: 17 May 2023 18:17

Instrument :
BNA_F
ClientSampleId :
WG-0516-B4-10-13MSD

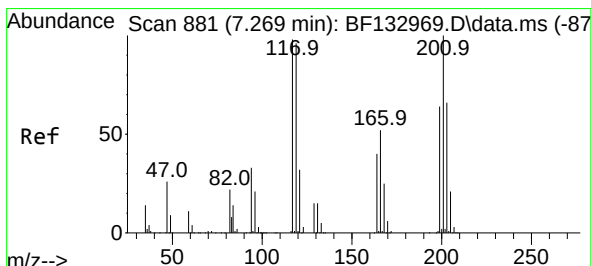
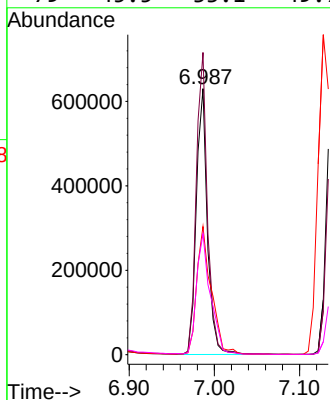
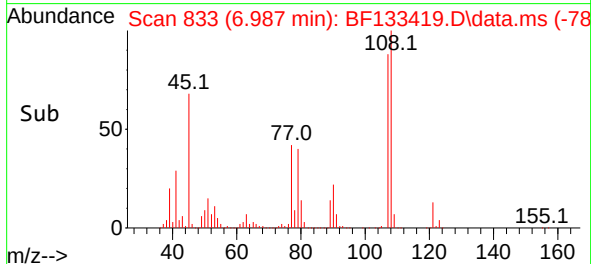


Tgt Ion:107 Resp: 57270

Ion	Ratio	Lower	Upper
107	100		
108	113.6	92.4	138.6
77	48.2	33.8	50.8
79	45.5	33.1	49.7

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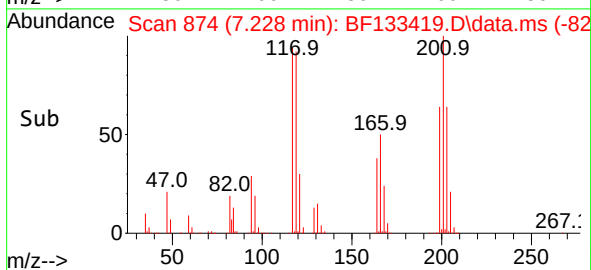
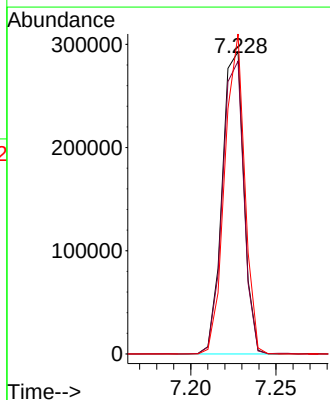
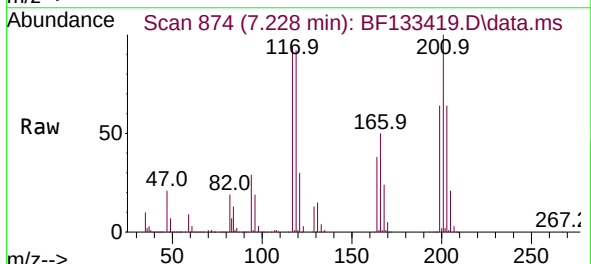
Reviewed By :Christian Giraldo 05/18/2023
Supervised By :Jagrut Upadhyay 05/18/2023

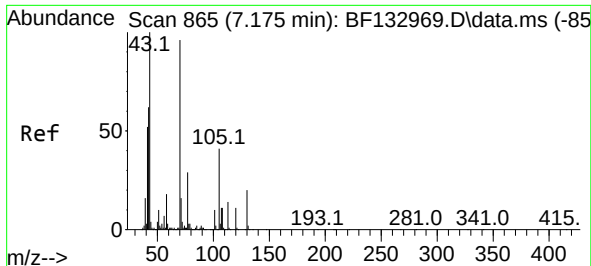


#18
Hexachloroethane
Concen: 50.110 ng
RT: 7.228 min Scan# 874
Delta R.T. -0.006 min
Lab File: BF133419.D
Acq: 17 May 2023 18:17

Tgt Ion:117 Resp: 259378

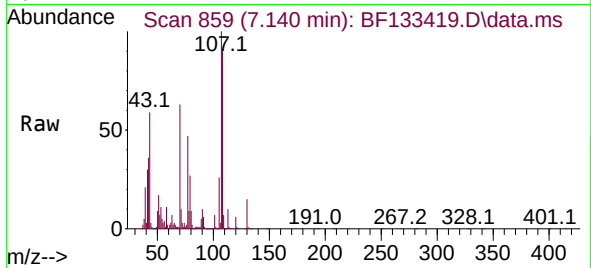
Ion	Ratio	Lower	Upper
117	100		
119	96.9	78.2	117.4
201	105.9	81.7	122.5





#19
n-Nitroso-di-n-propylamine
Concen: 41.591 ng
RT: 7.140 min Scan# 859
Delta R.T. -0.006 min
Lab File: BF133419.D
Acq: 17 May 2023 18:17

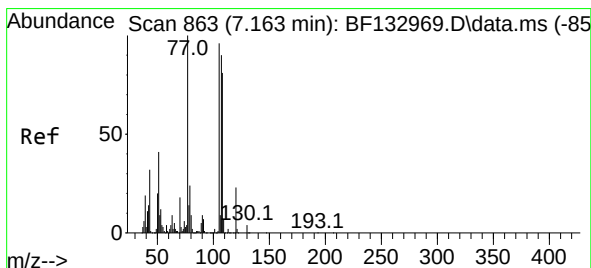
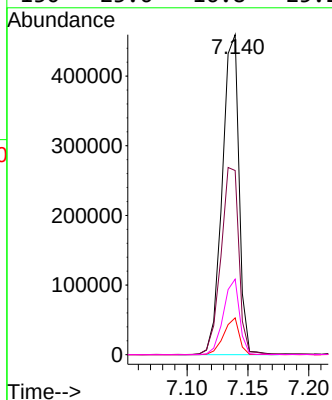
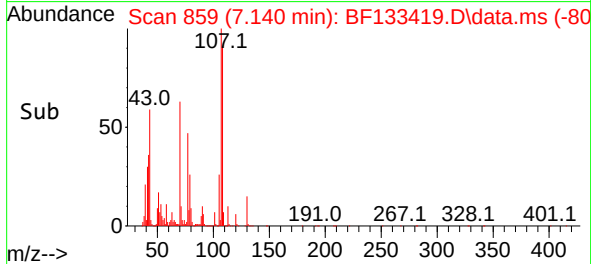
Instrument :
BNA_F
ClientSampleId :
WG-0516-B4-10-13MSD



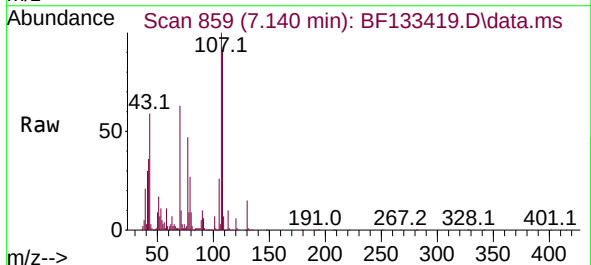
Tgt Ion: 70 Resp: 442279
Ion Ratio Lower Upper
70 100
42 57.6 51.8 77.6
101 11.5 8.0 12.0
130 23.6 16.8 25.2

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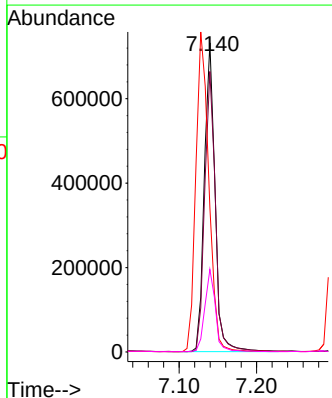
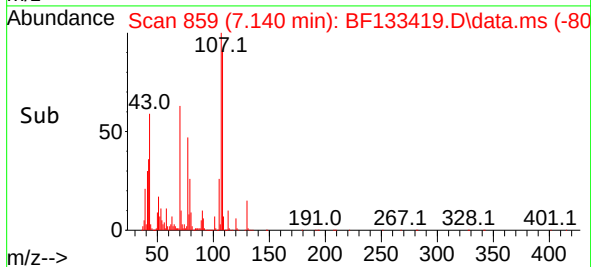
Reviewed By :Christian Giraldo 05/18/2023
Supervised By :Jagrut Upadhyay 05/18/2023

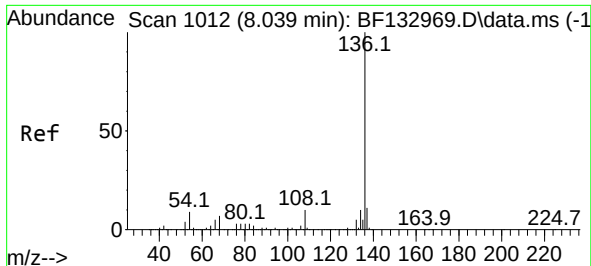


#20
3+4-Methylphenols
Concen: 46.491 ng
RT: 7.140 min Scan# 859
Delta R.T. -0.006 min
Lab File: BF133419.D
Acq: 17 May 2023 18:17



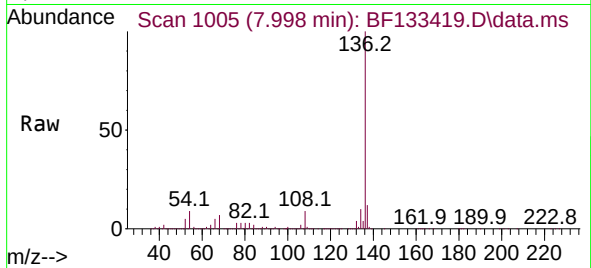
Tgt Ion:107 Resp: 700500
Ion Ratio Lower Upper
107 100
108 90.8 70.5 110.5
77 46.7 91.7 131.7#
79 26.7 7.1 47.1





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.998 min Scan# 1012
Delta R.T. -0.012 min
Lab File: BF133419.D
Acq: 17 May 2023 18:17

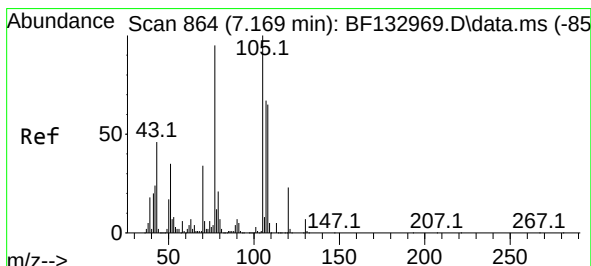
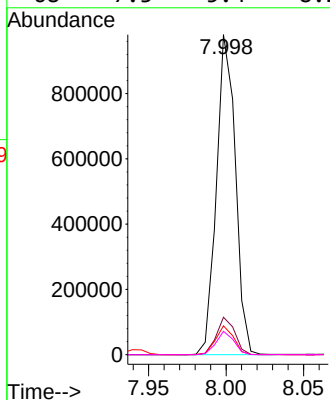
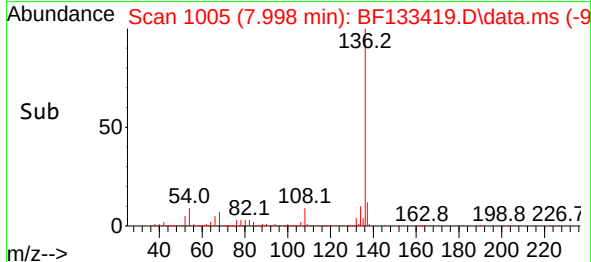
Instrument :
BNA_F
ClientSampleId :
WG-0516-B4-10-13MSD



Tgt Ion:136 Resp: 835420
Ion Ratio Lower Upper
136 100
137 11.7 8.6 13.0
54 9.0 7.0 10.4
68 7.3 5.4 8.2

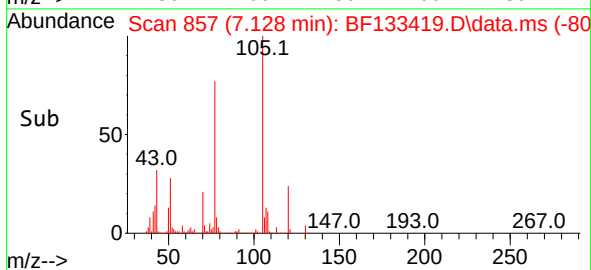
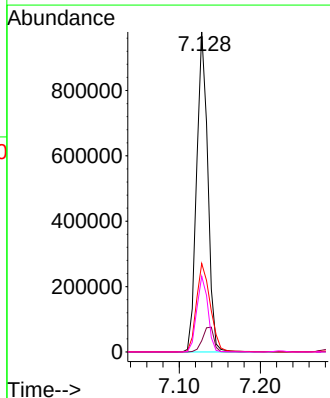
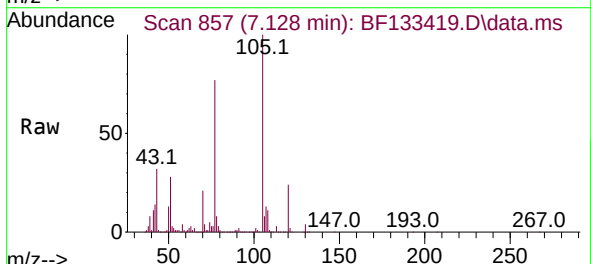
Manual Integrations
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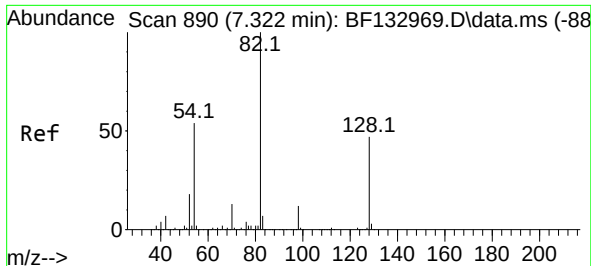
Reviewed By :Christian Giraldo 05/18/2023
Supervised By :Jagrut Upadhyay 05/18/2023



#22
Acetophenone
Concen: 48.519 ng
RT: 7.128 min Scan# 857
Delta R.T. -0.012 min
Lab File: BF133419.D
Acq: 17 May 2023 18:17

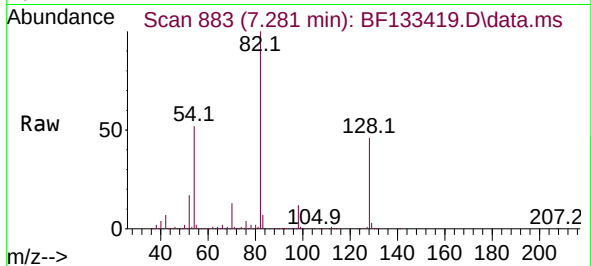
Tgt Ion:105 Resp: 938944
Ion Ratio Lower Upper
105 100
71 3.5 4.6 7.0#
51 27.7 28.2 42.2#
120 23.6 18.4 27.6





#23
Nitrobenzene-d5
Concen: 66.291 ng
RT: 7.281 min Scan# 887
Delta R.T. -0.012 min
Lab File: BF133419.D
Acq: 17 May 2023 18:17

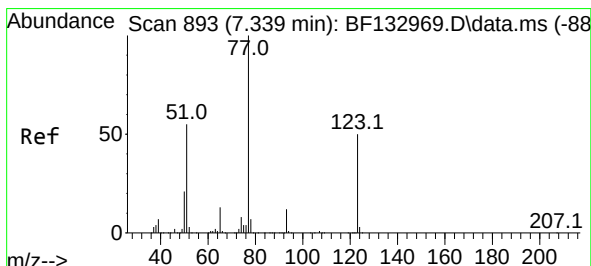
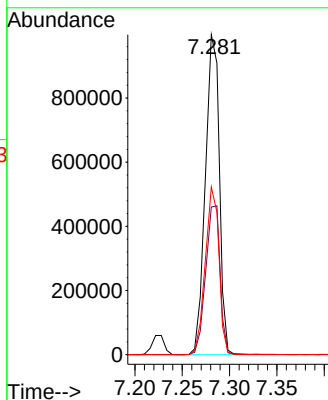
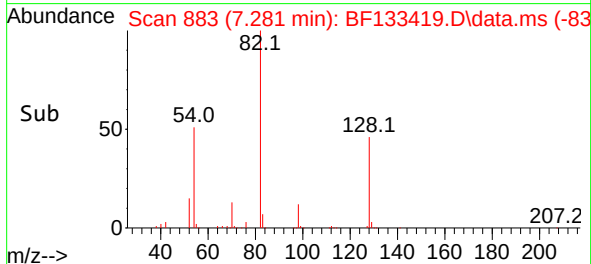
Instrument :
BNA_F
ClientSampleId :
WG-0516-B4-10-13MSD



Tgt Ion: 82 Resp: 1026018
Ion Ratio Lower Upper
82 100
128 46.1 37.7 56.5
54 52.4 43.0 64.4

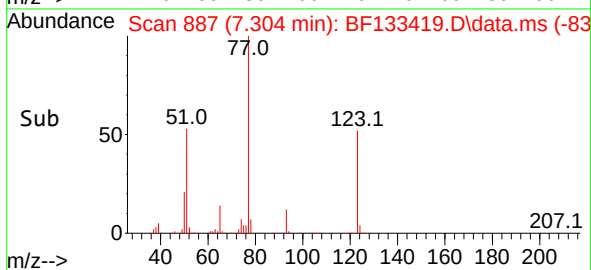
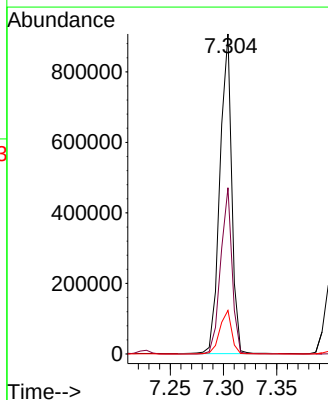
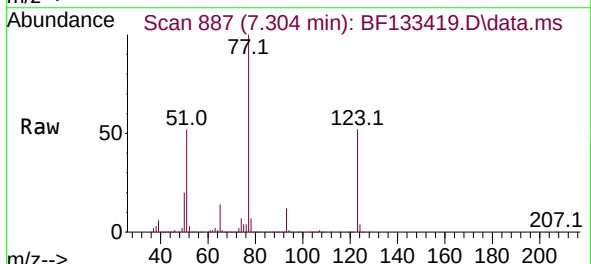
Manual Integrations
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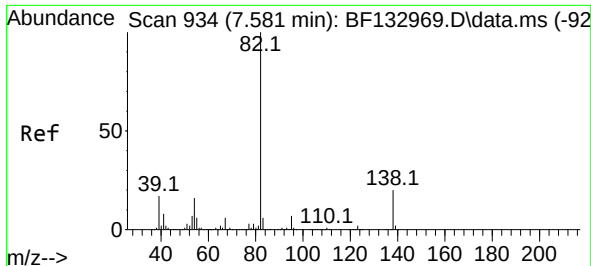
Reviewed By :Christian Giraldo 05/18/2023
Supervised By :Jagrut Upadhyay 05/18/2023



#24
Nitrobenzene
Concen: 44.434 ng
RT: 7.304 min Scan# 887
Delta R.T. -0.006 min
Lab File: BF133419.D
Acq: 17 May 2023 18:17

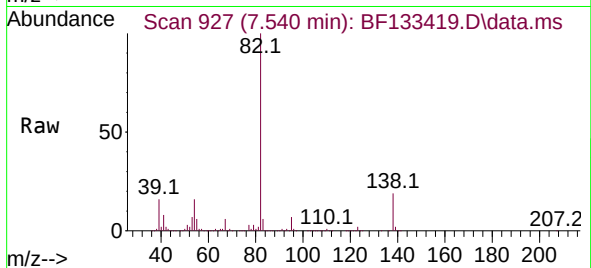
Tgt Ion: 77 Resp: 696887
Ion Ratio Lower Upper
77 100
123 52.0 39.9 59.9
65 13.6 10.7 16.1





#25
Isophorone
Concen: 45.237 ng
RT: 7.540 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF133419.D
Acq: 17 May 2023 18:17

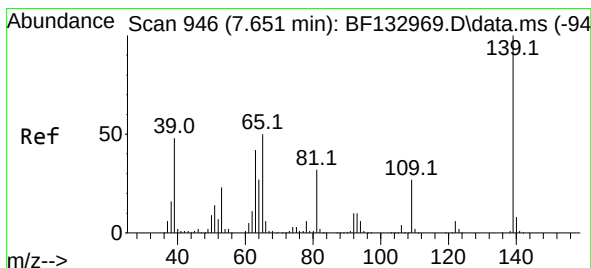
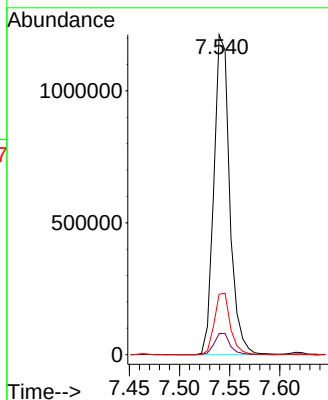
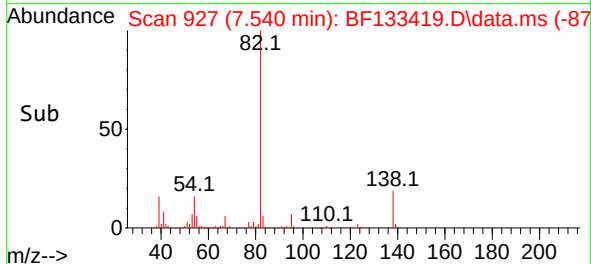
Instrument :
BNA_F
ClientSampleId :
WG-0516-B4-10-13MSD



Tgt Ion: 82 Resp: 1329340
Ion Ratio Lower Upper
82 100
95 6.6 5.4 8.0
138 18.9 16.0 24.0

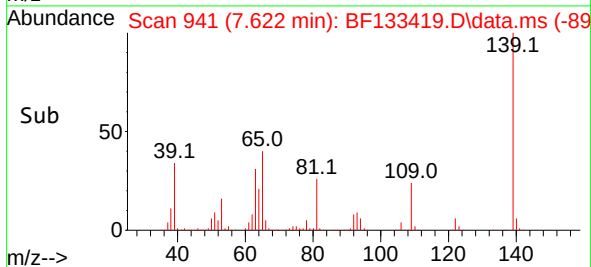
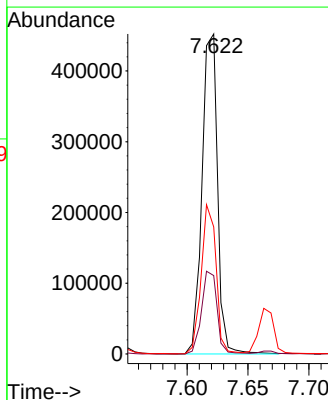
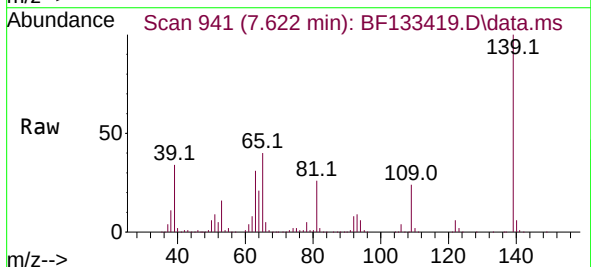
Manual Integrations
APPROVED

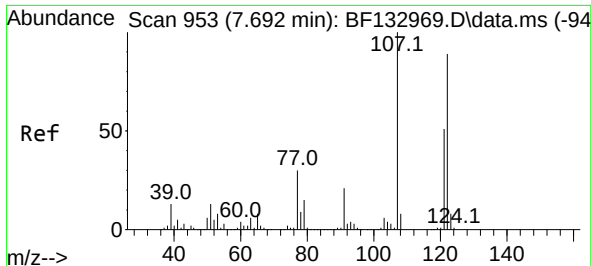
Reviewed By :Christian Giraldo 05/18/2023
Supervised By :Jagrut Upadhyay 05/18/2023



#26
2-Nitrophenol
Concen: 53.071 ng
RT: 7.622 min Scan# 941
Delta R.T. -0.006 min
Lab File: BF133419.D
Acq: 17 May 2023 18:17

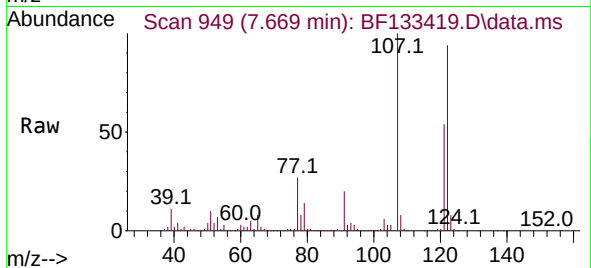
Tgt Ion:139 Resp: 401467
Ion Ratio Lower Upper
139 100
109 24.5 21.6 32.4
65 39.7 39.8 59.6#





#27
2,4-Dimethylphenol
Concen: 49.120 ng
RT: 7.669 min Scan# 94
Delta R.T. 0.000 min
Lab File: BF133419.D
Acq: 17 May 2023 18:17

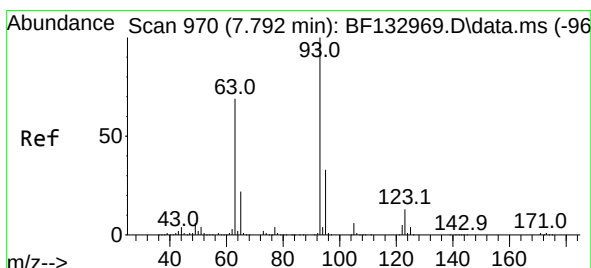
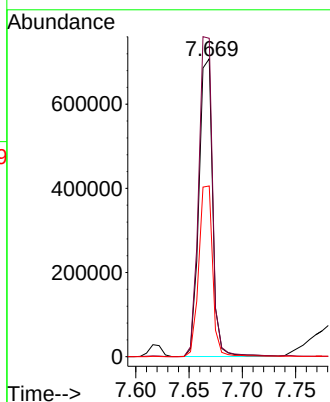
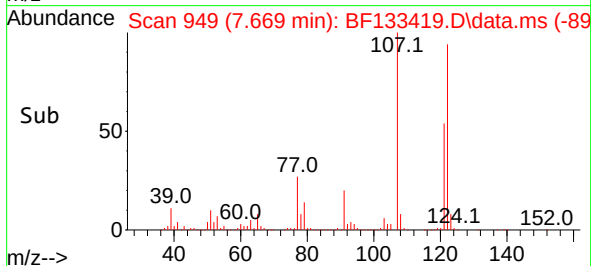
Instrument :
BNA_F
ClientSampleId :
WG-0516-B4-10-13MSD



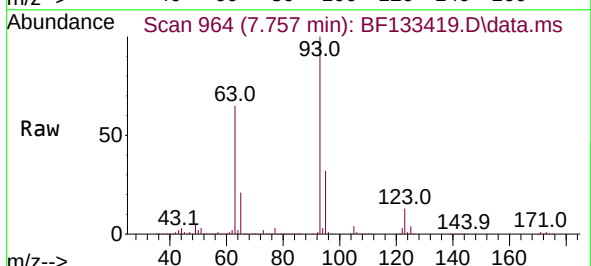
Tgt Ion:122 Resp: 637158
Ion Ratio Lower Upper
122 100
107 106.9 89.7 134.5
121 57.3 46.0 69.0

Manual Integrations
APPROVED

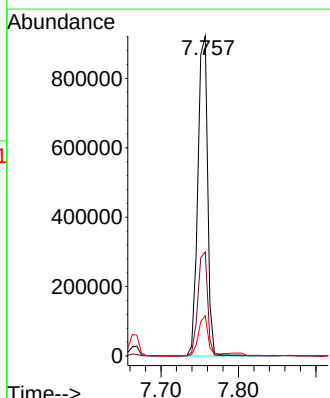
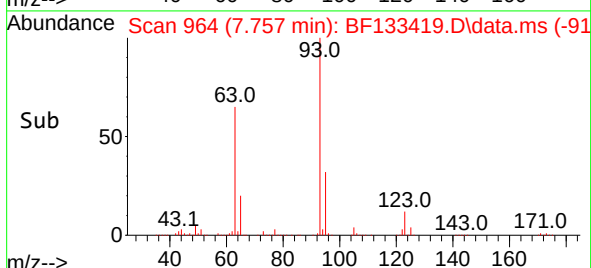
Reviewed By :Christian Giraldo 05/18/2023
Supervised By :Jagrut Upadhyay 05/18/2023

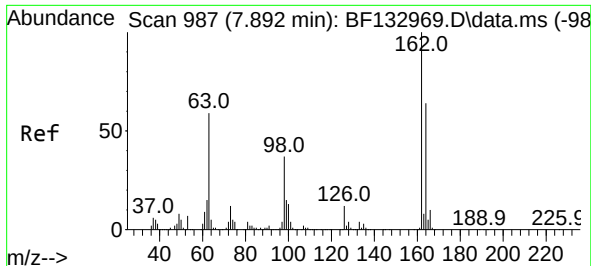


#28
bis(2-Chloroethoxy)methane
Concen: 46.634 ng
RT: 7.757 min Scan# 964
Delta R.T. -0.006 min
Lab File: BF133419.D
Acq: 17 May 2023 18:17



Tgt Ion: 93 Resp: 810715
Ion Ratio Lower Upper
93 100
95 32.5 26.4 39.6
123 12.5 10.3 15.5





#29

2,4-Dichlorophenol

Concen: 49.507 ng

RT: 7.869 min Scan# 991

Delta R.T. -0.006 min

Lab File: BF133419.D

Acq: 17 May 2023 18:17

Instrument :

BNA_F

ClientSampleId :

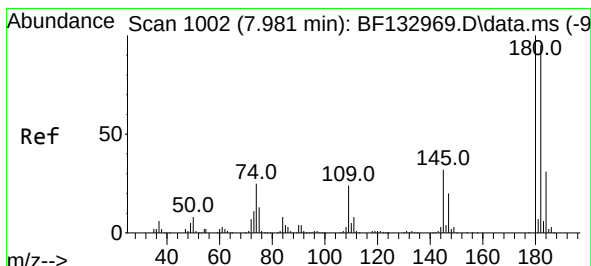
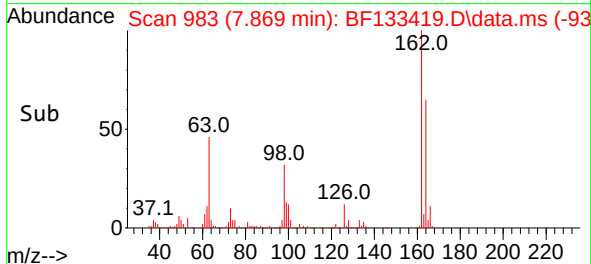
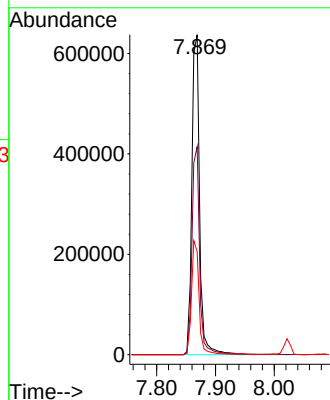
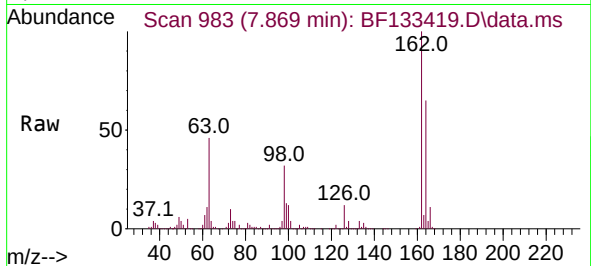
WG-0516-B4-10-13MSD

Tgt Ion:162 Resp: 58460
 Ion Ratio Lower Upper
 162 100
 164 65.0 43.9 83.9
 98 32.2 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: 49.686 ng

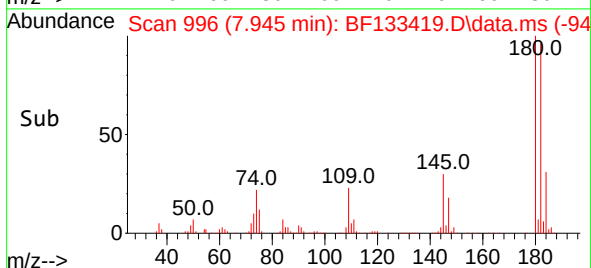
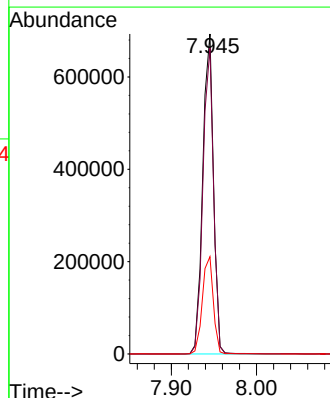
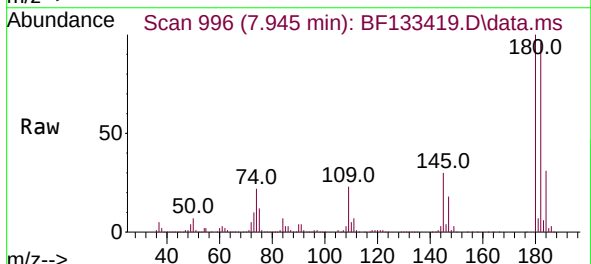
RT: 7.945 min Scan# 996

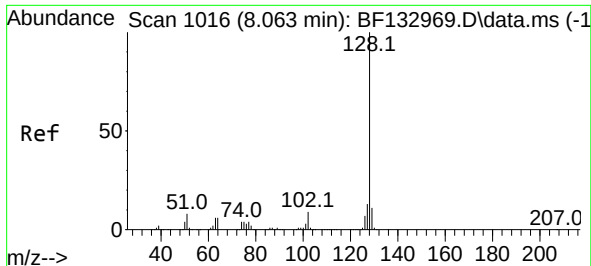
Delta R.T. -0.006 min

Lab File: BF133419.D

Acq: 17 May 2023 18:17

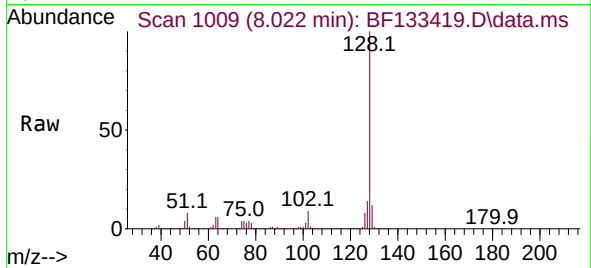
Tgt Ion:180 Resp: 607826
 Ion Ratio Lower Upper
 180 100
 182 95.6 75.9 113.9
 145 30.4 25.3 37.9





#31
Naphthalene
Concen: 46.554 ng
RT: 8.022 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BF133419.D
Acq: 17 May 2023 18:17

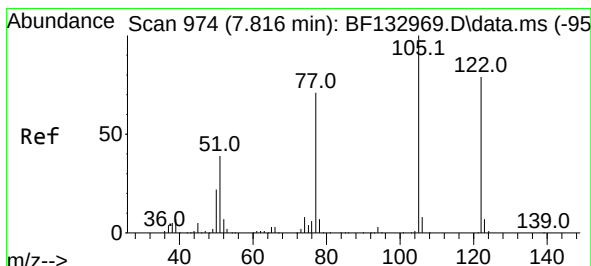
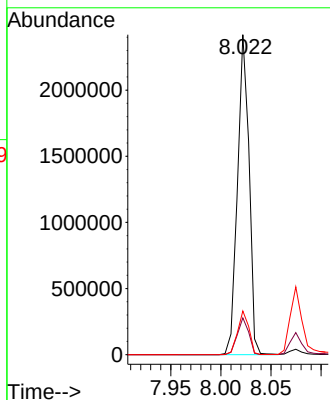
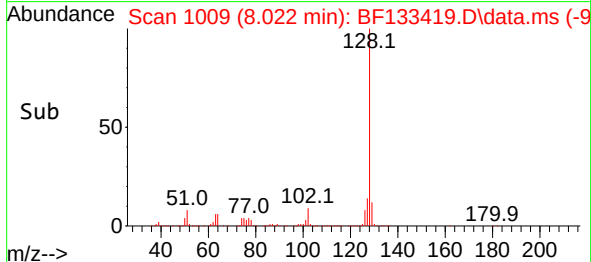
Instrument :
BNA_F
ClientSampleId :
WG-0516-B4-10-13MSD



Tgt Ion:128 Resp: 1944480
Ion Ratio Lower Upper
128 100
129 11.5 8.8 13.2
127 13.7 10.7 16.1

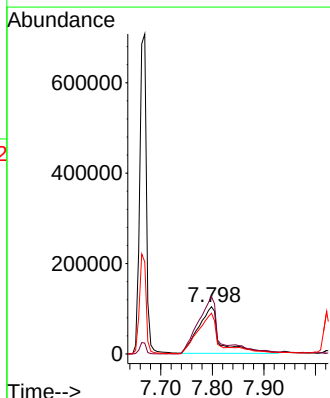
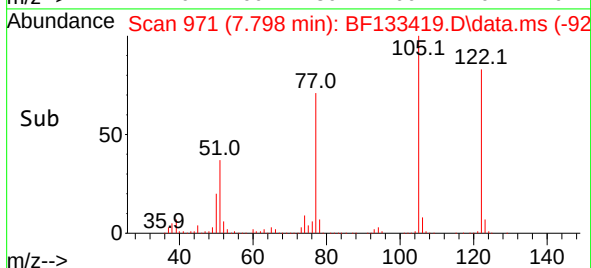
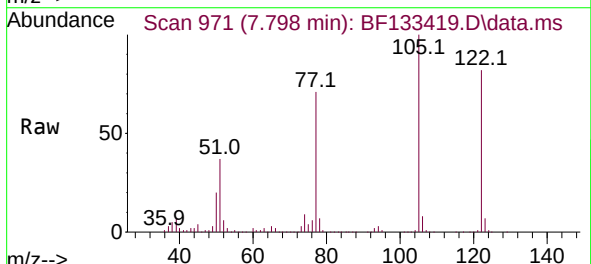
Manual Integrations
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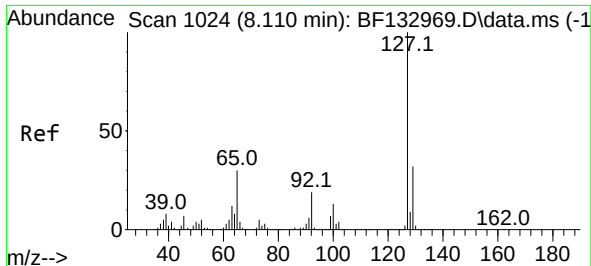
Reviewed By :Christian Giraldo 05/18/2023
Supervised By :Jagrut Upadhyay 05/18/2023



#32
Benzoic acid
Concen: 38.271 ng m
RT: 7.798 min Scan# 971
Delta R.T. -0.006 min
Lab File: BF133419.D
Acq: 17 May 2023 18:17

Tgt Ion:122 Resp: 306641
Ion Ratio Lower Upper
122 100
105 121.3 104.2 144.2
77 86.6 69.7 109.7





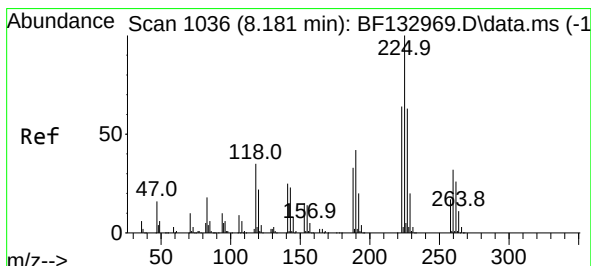
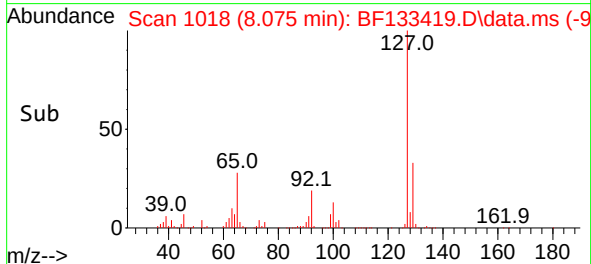
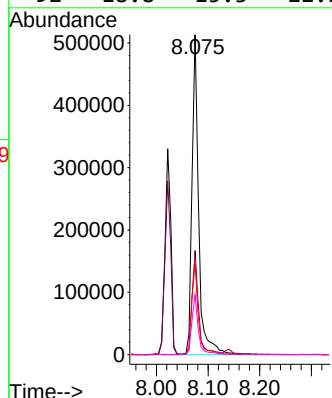
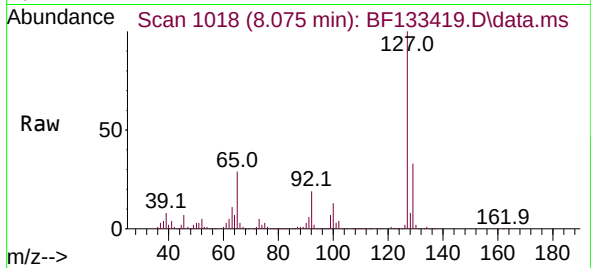
#33
4-Chloroaniline
Concen: 27.327 ng
RT: 8.075 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF133419.D
Acq: 17 May 2023 18:17

Instrument :
BNA_F
ClientSampleId :
WG-0516-B4-10-13MSD

Tgt Ion:127 Resp: 461174
Ion Ratio Lower Upper
127 100
129 32.6 25.8 38.8
65 28.5 23.6 35.4
92 18.8 15.3 22.9

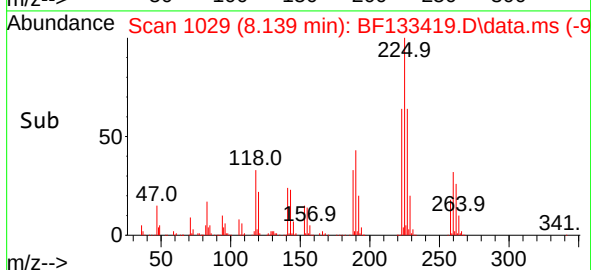
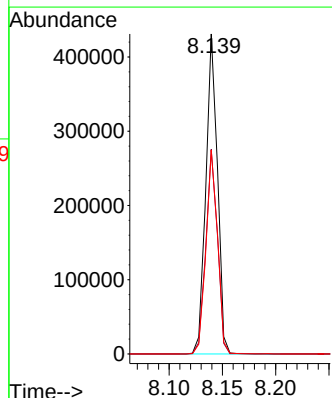
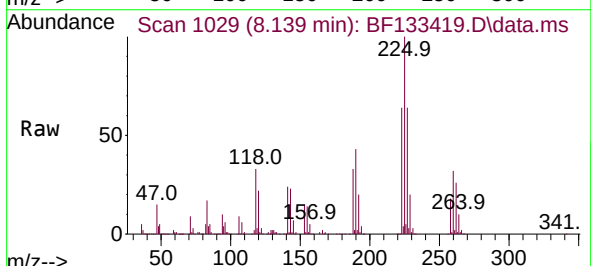
Manual Integrations
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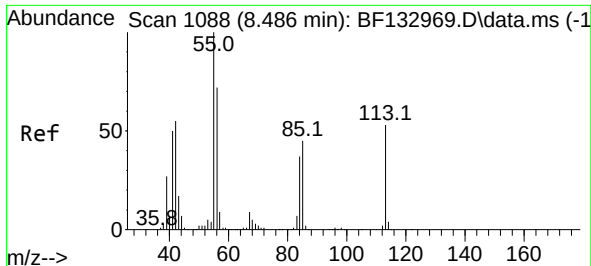
Reviewed By :Christian Giraldo 05/18/2023
Supervised By :Jagrut Upadhyay 05/18/2023



#34
Hexachlorobutadiene
Concen: 48.329 ng
RT: 8.139 min Scan# 1029
Delta R.T. -0.006 min
Lab File: BF133419.D
Acq: 17 May 2023 18:17

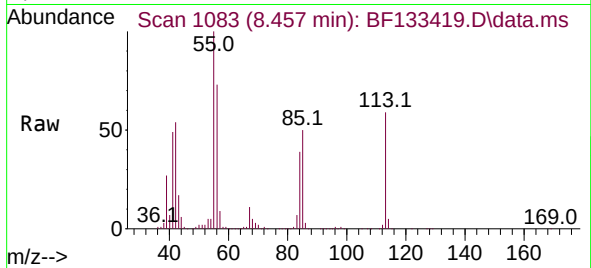
Tgt Ion:225 Resp: 327688
Ion Ratio Lower Upper
225 100
223 63.9 50.9 76.3
227 63.8 50.3 75.5





#35
Caprolactam
Concen: 52.331 ng m
RT: 8.457 min Scan# 1088
Delta R.T. -0.006 min
Lab File: BF133419.D
Acq: 17 May 2023 18:17

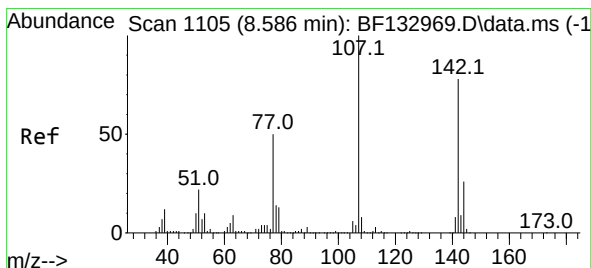
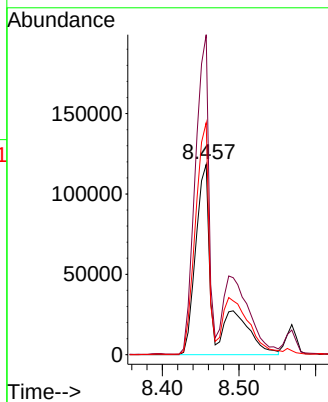
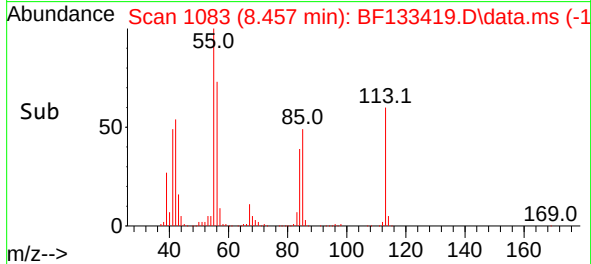
Instrument :
BNA_F
ClientSampleId :
WG-0516-B4-10-13MSD



Tgt Ion:113 Resp: 207589
Ion Ratio Lower Upper
113 100
55 168.1 167.1 207.1
56 121.9 114.5 154.5

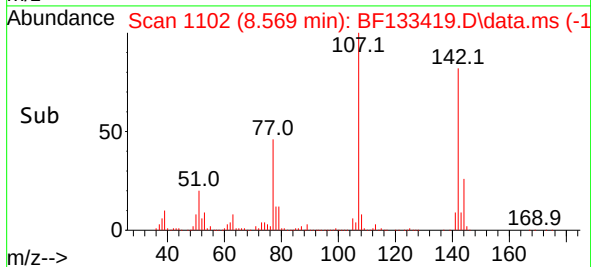
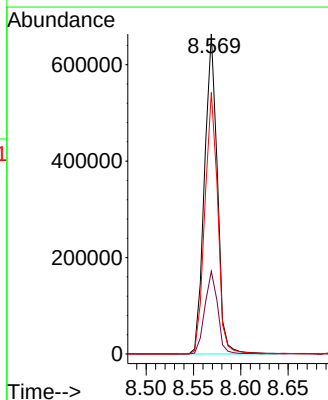
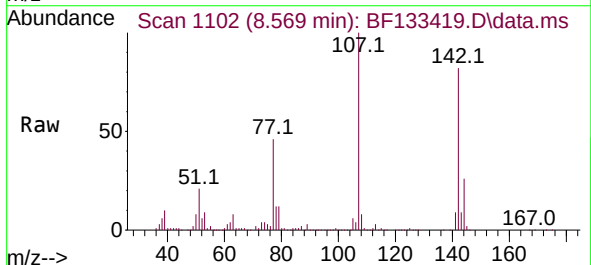
Manual Integrations
APPROVED

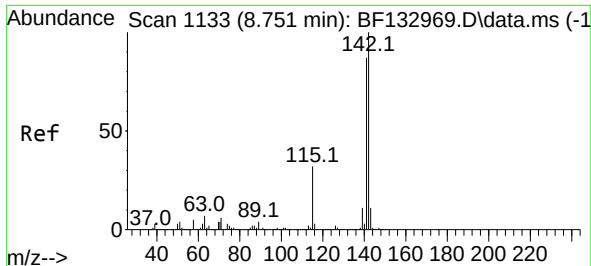
Reviewed By :Christian Giraldo 05/18/2023
Supervised By :Jagrut Upadhyay 05/18/2023



#36
4-Chloro-3-methylphenol
Concen: 49.323 ng
RT: 8.569 min Scan# 1102
Delta R.T. 0.000 min
Lab File: BF133419.D
Acq: 17 May 2023 18:17

Tgt Ion:107 Resp: 628073
Ion Ratio Lower Upper
107 100
144 25.9 20.6 30.8
142 81.7 62.8 94.2





#37

2-Methylnaphthalene

Concen: 45.314 ng

RT: 8.716 min Scan# 1133

Delta R.T. -0.006 min

Lab File: BF133419.D

Acq: 17 May 2023 18:17

Instrument :

BNA_F

ClientSampleId :

WG-0516-B4-10-13MSD

Tgt Ion:142 Resp: 1293974

Ion Ratio Lower Upper

142 100

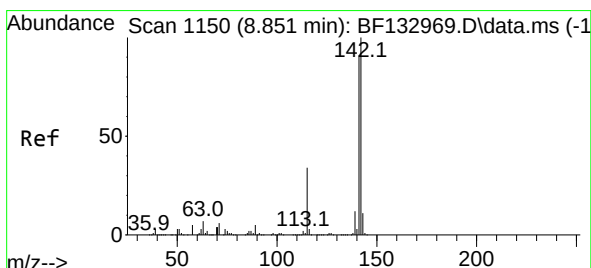
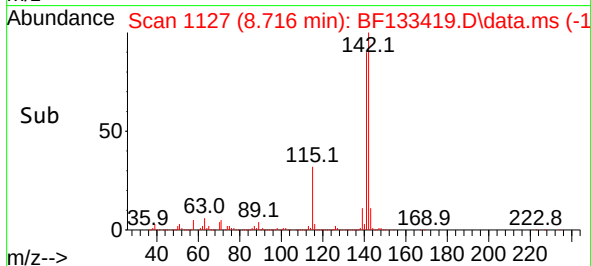
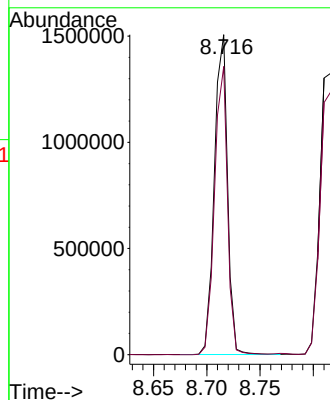
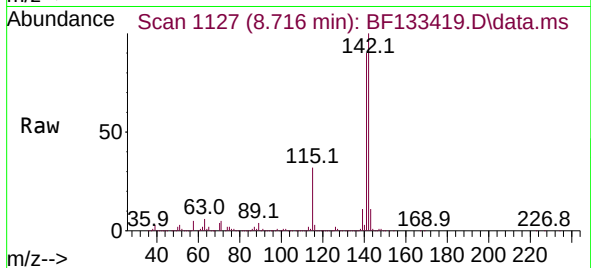
141 90.0 69.4 104.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/18/2023

Supervised By :Jagrut Upadhyay 05/18/2023



#38

1-Methylnaphthalene

Concen: 45.221 ng

RT: 8.816 min Scan# 1144

Delta R.T. -0.006 min

Lab File: BF133419.D

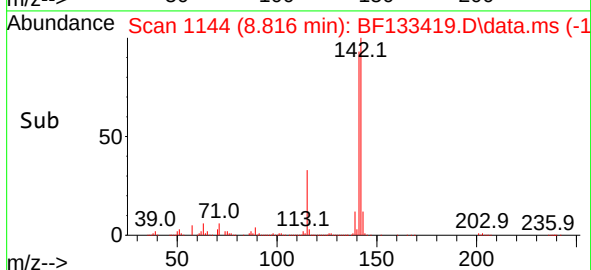
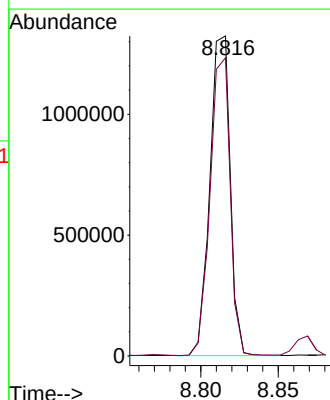
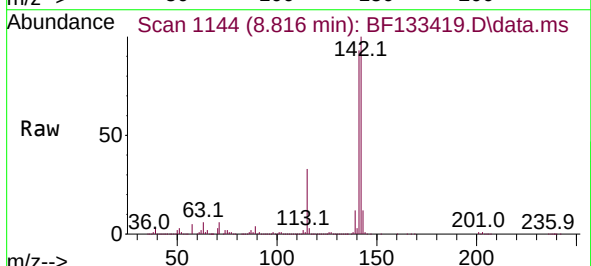
Acq: 17 May 2023 18:17

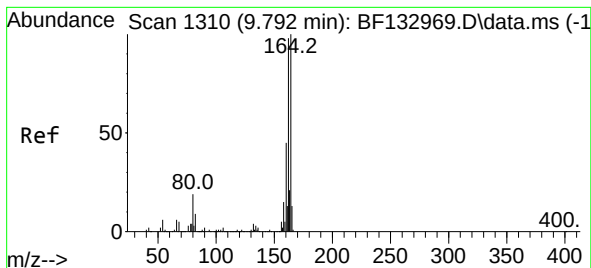
Tgt Ion:142 Resp: 1208019

Ion Ratio Lower Upper

142 100

141 93.2 73.1 109.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.751 min Scan# 1155

Delta R.T. -0.012 min

Lab File: BF133419.D

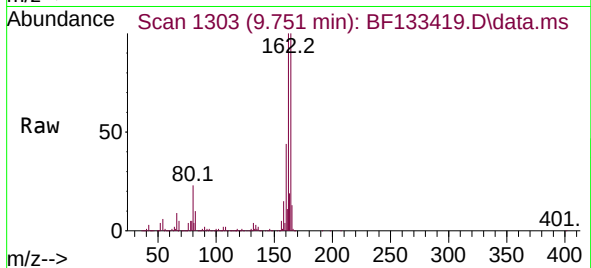
Acq: 17 May 2023 18:17

Instrument :

BNA_F

ClientSampleId :

WG-0516-B4-10-13MSD



Tgt Ion:164 Resp: 434832

Ion Ratio Lower Upper

164 100

162 100.4 78.7 118.1

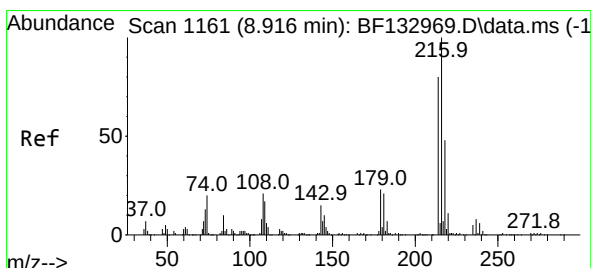
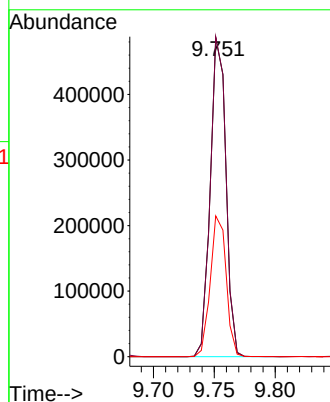
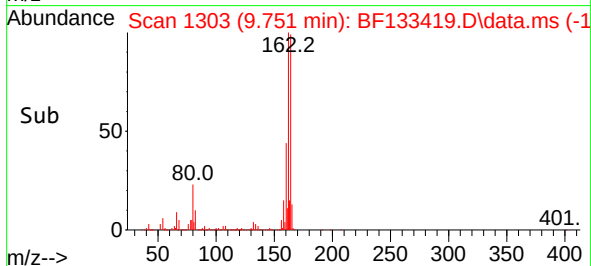
160 44.2 35.8 53.6

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: 47.544 ng

RT: 8.881 min Scan# 1155

Delta R.T. -0.006 min

Lab File: BF133419.D

Acq: 17 May 2023 18:17

Tgt Ion:216 Resp: 555862

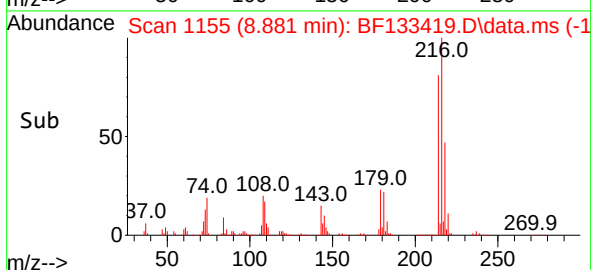
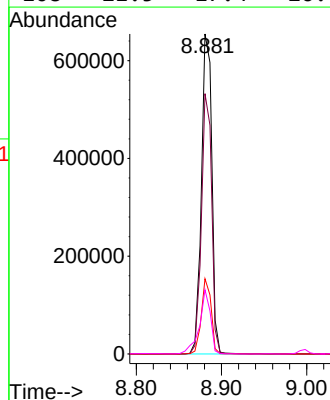
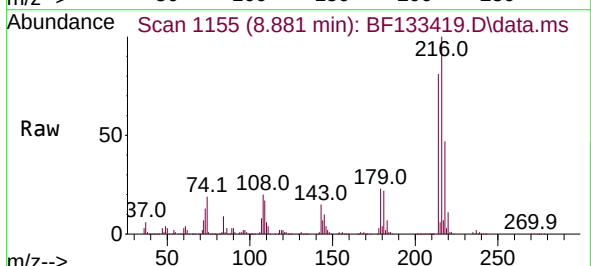
Ion Ratio Lower Upper

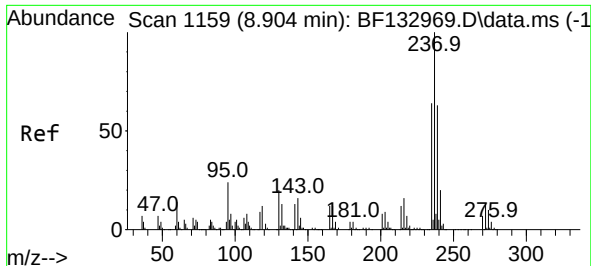
216 100

214 79.9 63.5 95.3

179 22.2 17.4 26.2

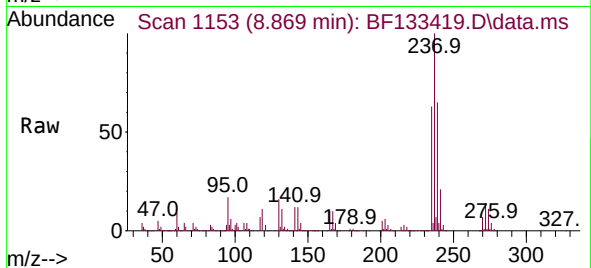
108 21.5 17.4 26.0





#41
Hexachlorocyclopentadiene
Concen: 82.933 ng
RT: 8.869 min Scan# 1153
Delta R.T. -0.006 min
Lab File: BF133419.D
Acq: 17 May 2023 18:17

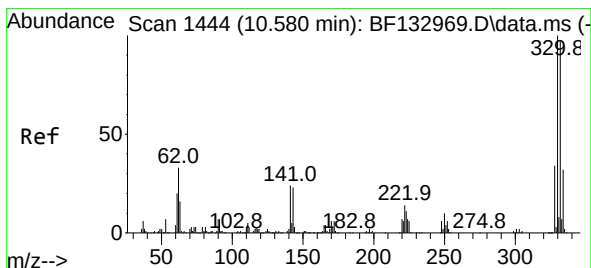
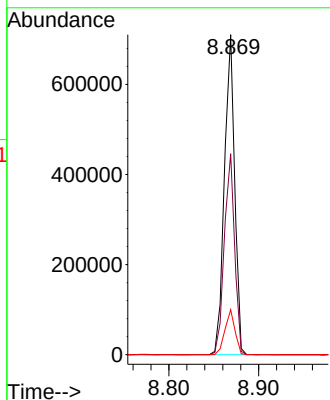
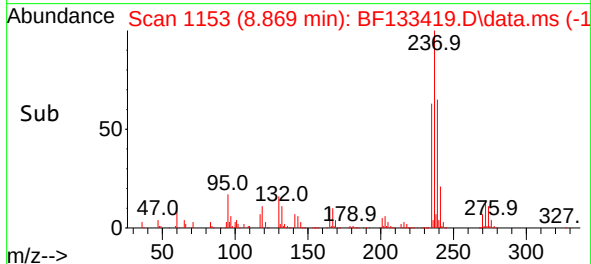
Instrument :
BNA_F
ClientSampleId :
WG-0516-B4-10-13MSD



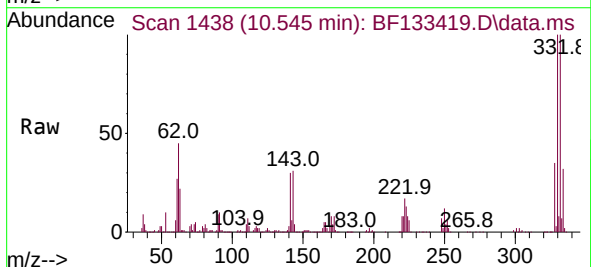
Tgt Ion:237 Resp: 565479
Ion Ratio Lower Upper
237 100
235 62.8 43.5 83.5
272 14.1 0.0 32.7

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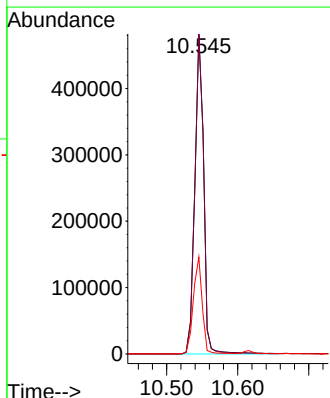
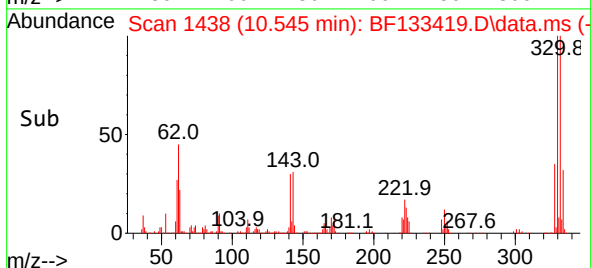
Reviewed By :Christian Giraldo 05/18/2023
Supervised By :Jagrut Upadhyay 05/18/2023

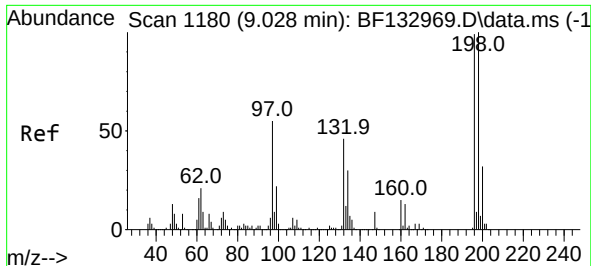


#42
2,4,6-Tribromophenol
Concen: 95.742 ng
RT: 10.545 min Scan# 1438
Delta R.T. -0.006 min
Lab File: BF133419.D
Acq: 17 May 2023 18:17



Tgt Ion:330 Resp: 418687
Ion Ratio Lower Upper
330 100
332 99.6 77.1 115.7
141 30.6 25.8 38.8





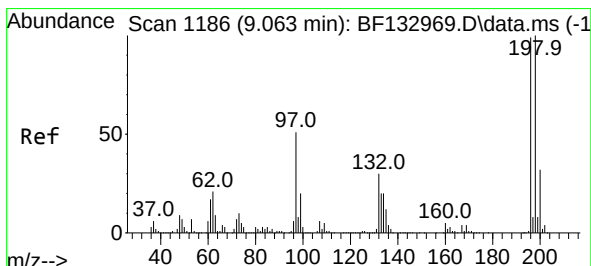
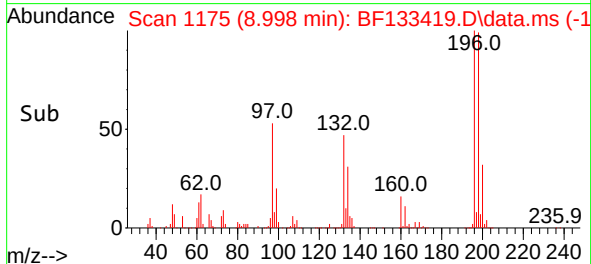
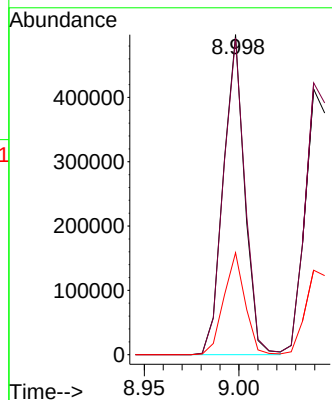
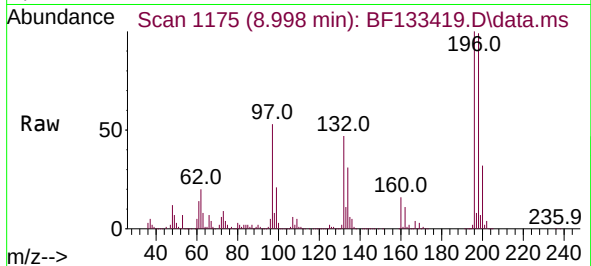
#43
2,4,6-Trichlorophenol
Concen: 47.957 ng
RT: 8.998 min Scan# 1175
Delta R.T. -0.006 min
Lab File: BF133419.D
Acq: 17 May 2023 18:17

Instrument :
BNA_F
ClientSampleId :
WG-0516-B4-10-13MSD

Tgt Ion:196 Resp: 387754
Ion Ratio Lower Upper
196 100
198 99.0 81.0 121.6
200 31.9 26.1 39.1

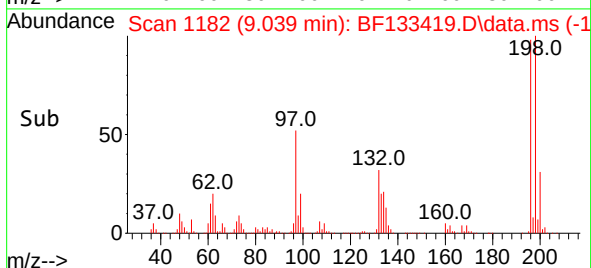
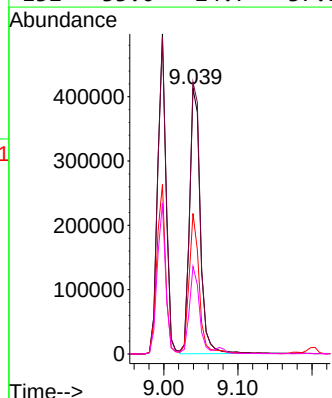
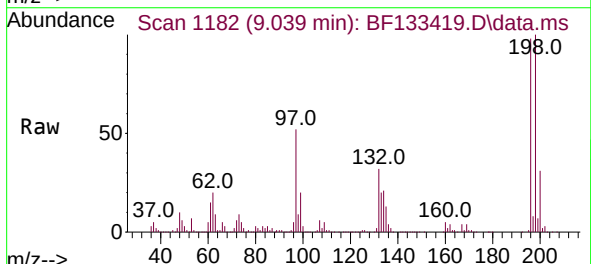
Manual Integrations
APPROVED

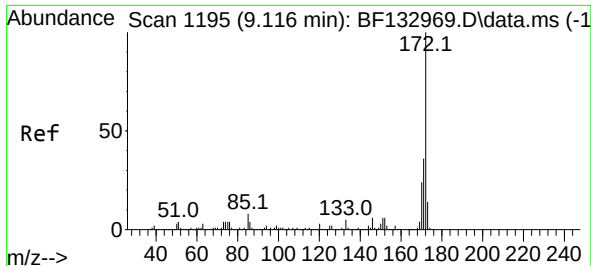
Reviewed By :Christian Giraldo 05/18/2023
Supervised By :Jagrut Upadhyay 05/18/2023



#44
2,4,5-Trichlorophenol
Concen: 44.643 ng
RT: 9.039 min Scan# 1182
Delta R.T. -0.006 min
Lab File: BF133419.D
Acq: 17 May 2023 18:17

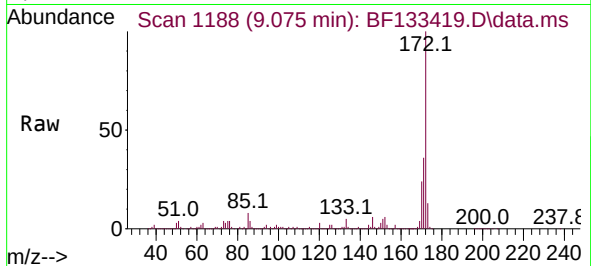
Tgt Ion:196 Resp: 417458
Ion Ratio Lower Upper
196 100
198 102.4 80.9 121.3
97 52.9 41.3 61.9
132 33.0 24.7 37.1





#45
2-Fluorobiphenyl
Concen: 64.268 ng
RT: 9.075 min Scan# 1195
Delta R.T. -0.012 min
Lab File: BF133419.D
Acq: 17 May 2023 18:17

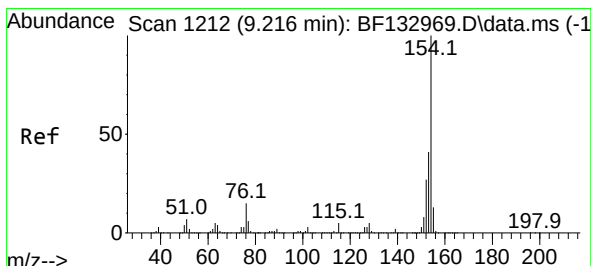
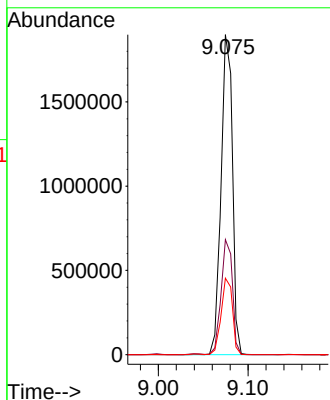
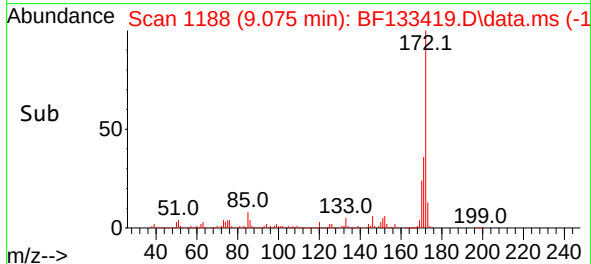
Instrument :
BNA_F
ClientSampleId :
WG-0516-B4-10-13MSD



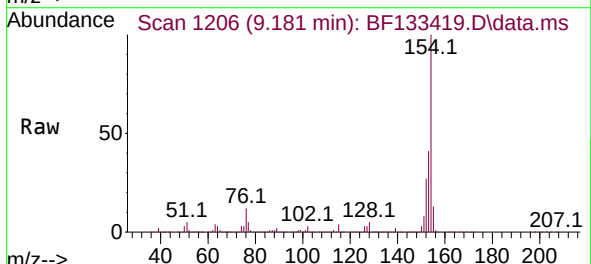
Tgt Ion:172 Resp: 1670400
Ion Ratio Lower Upper
172 100
171 36.0 28.8 43.2
170 23.9 19.4 29.2

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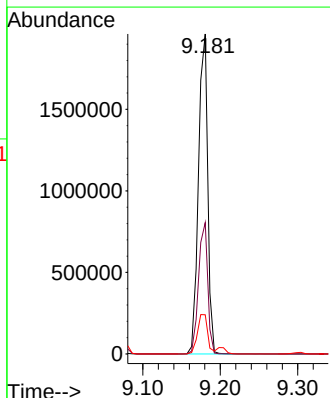
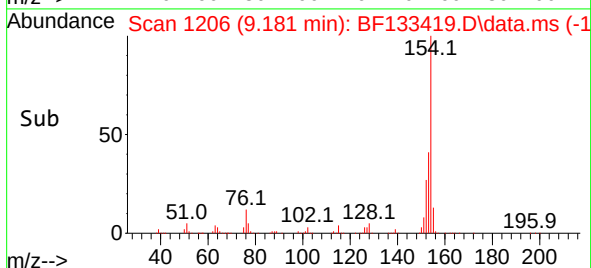
Reviewed By :Christian Giraldo 05/18/2023
Supervised By :Jagrut Upadhyay 05/18/2023

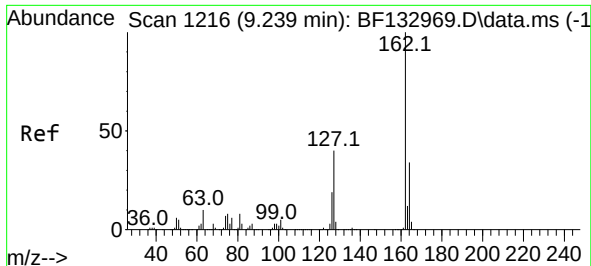


#46
1,1'-Biphenyl
Concen: 47.202 ng
RT: 9.181 min Scan# 1206
Delta R.T. -0.006 min
Lab File: BF133419.D
Acq: 17 May 2023 18:17



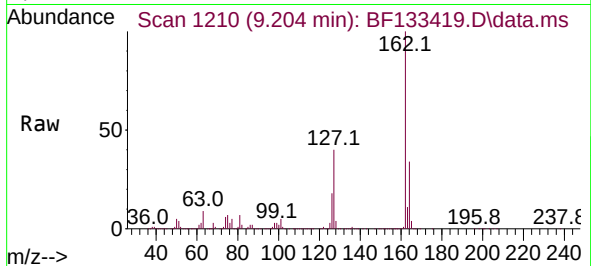
Tgt Ion:154 Resp: 1627524
Ion Ratio Lower Upper
154 100
153 41.0 21.0 61.0
76 12.3 0.0 34.5





#47
2-Chloronaphthalene
Concen: 47.628 ng
RT: 9.204 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF133419.D
Acq: 17 May 2023 18:17

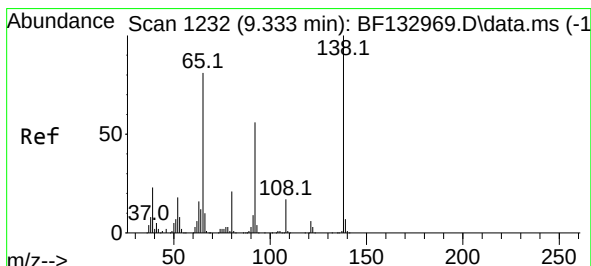
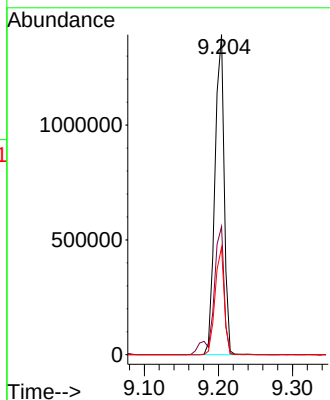
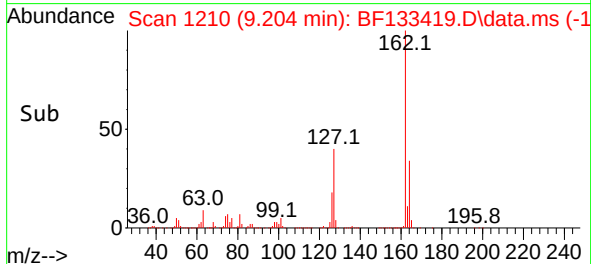
Instrument :
BNA_F
ClientSampleId :
WG-0516-B4-10-13MSD



Tgt Ion: 162 Resp: 1202000
Ion Ratio Lower Upper
162 100
127 40.1 32.3 48.5
164 33.5 26.8 40.2

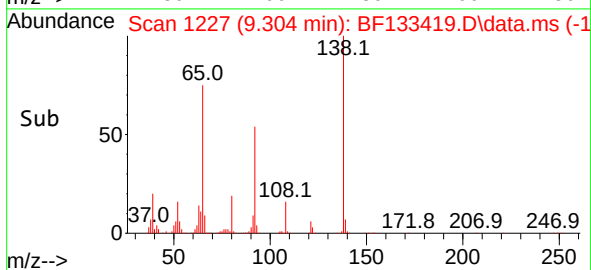
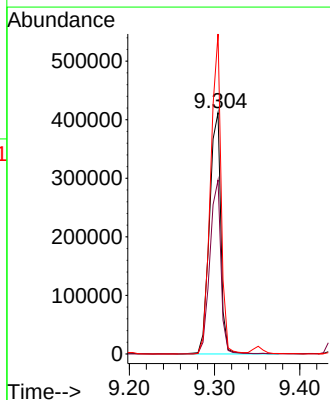
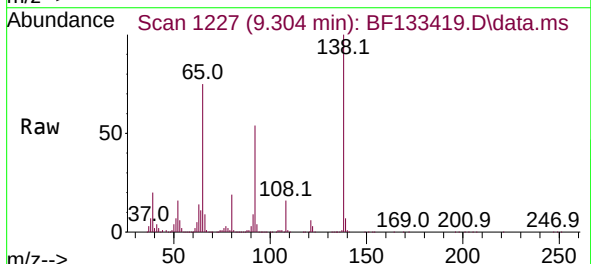
Manual Integrations
APPROVED

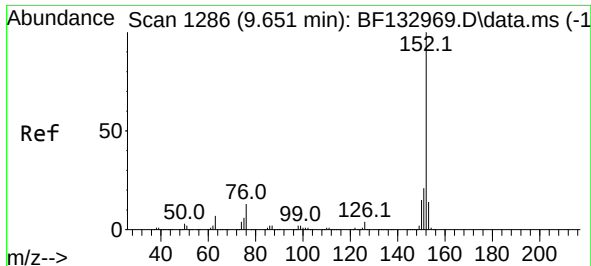
Reviewed By :Christian Giraldo 05/18/2023
Supervised By :Jagrut Upadhyay 05/18/2023



#48
2-Nitroaniline
Concen: 45.733 ng
RT: 9.304 min Scan# 1227
Delta R.T. -0.006 min
Lab File: BF133419.D
Acq: 17 May 2023 18:17

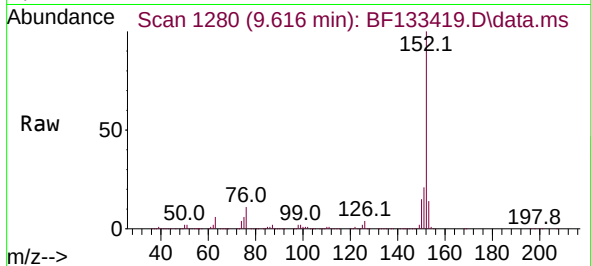
Tgt Ion: 65 Resp: 381446
Ion Ratio Lower Upper
65 100
92 72.1 55.4 83.0
138 132.6 98.2 147.2





#49
Acenaphthylene
Concen: 46.206 ng
RT: 9.616 min Scan# 1280
Delta R.T. -0.006 min
Lab File: BF133419.D
Acq: 17 May 2023 18:17

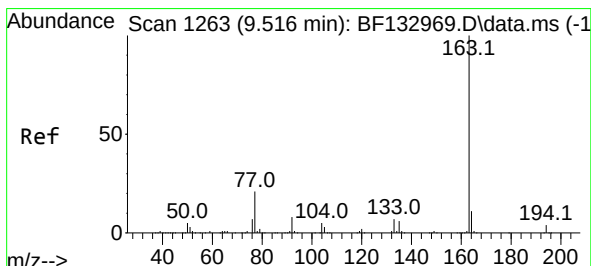
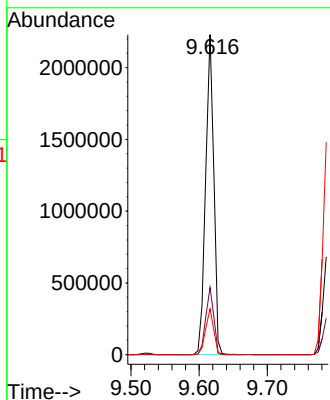
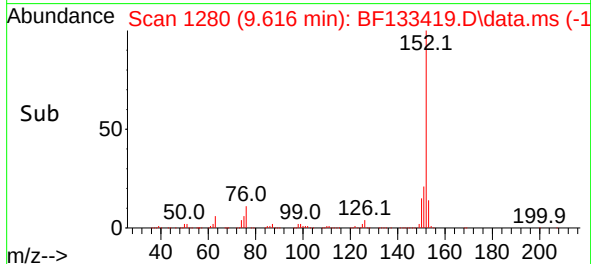
Instrument :
BNA_F
ClientSampleId :
WG-0516-B4-10-13MSD



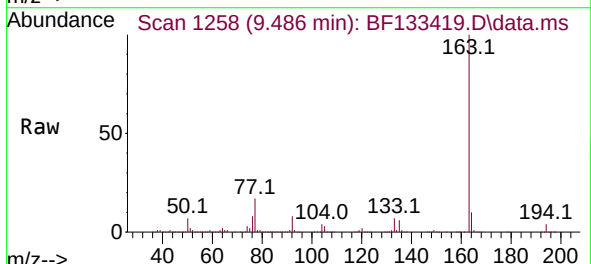
Tgt Ion:152 Resp: 1863270
Ion Ratio Lower Upper
152 100
151 21.0 16.6 24.8
153 14.3 11.5 17.3

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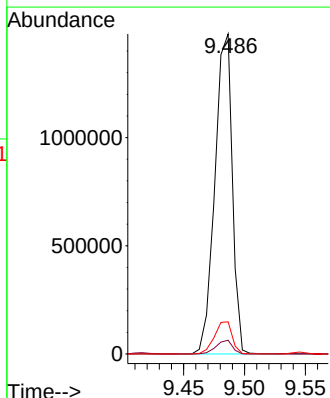
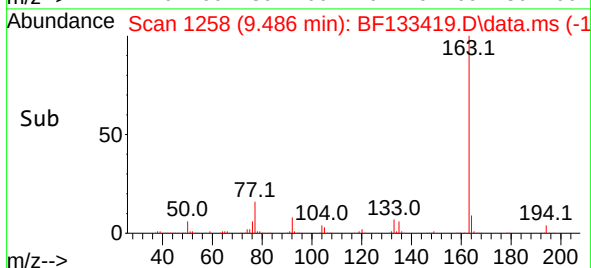
Reviewed By :Christian Giraldo 05/18/2023
Supervised By :Jagrut Upadhyay 05/18/2023

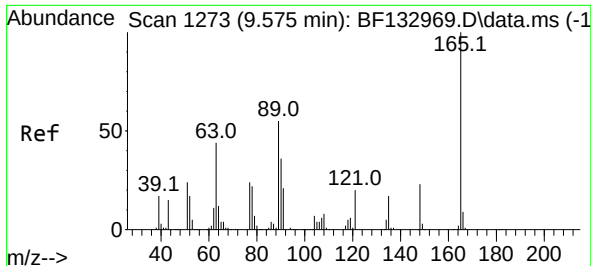


#50
Dimethylphthalate
Concen: 48.597 ng
RT: 9.486 min Scan# 1258
Delta R.T. 0.000 min
Lab File: BF133419.D
Acq: 17 May 2023 18:17



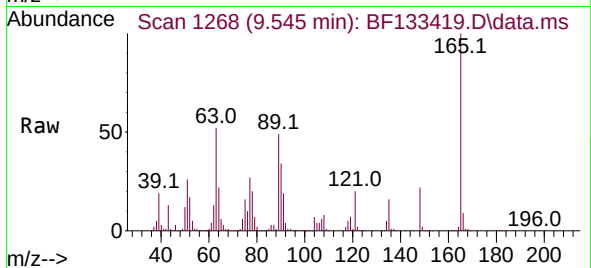
Tgt Ion:163 Resp: 1473460
Ion Ratio Lower Upper
163 100
194 4.3 3.1 4.7
164 10.0 8.5 12.7





#51
2,6-Dinitrotoluene
Concen: 49.071 ng
RT: 9.545 min Scan# 1109
Delta R.T. -0.006 min
Lab File: BF133419.D
Acq: 17 May 2023 18:17

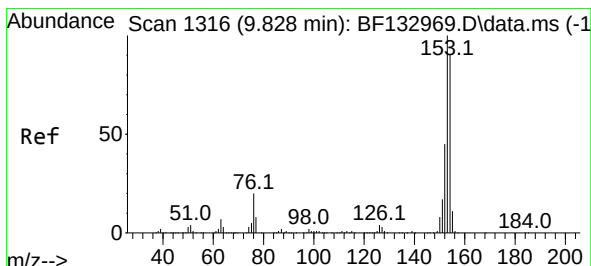
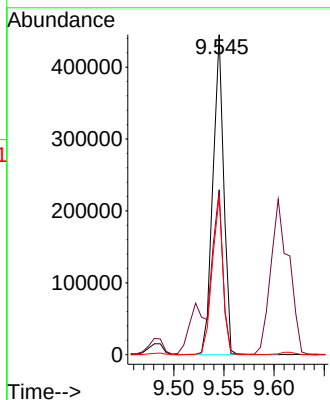
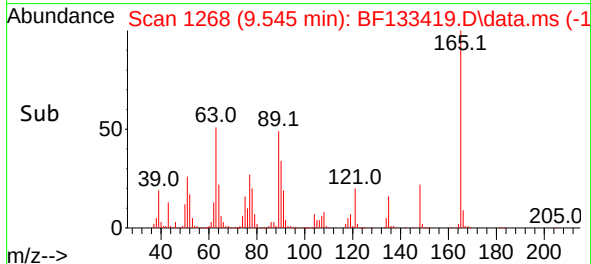
Instrument :
BNA_F
ClientSampleId :
WG-0516-B4-10-13MSD



Tgt Ion:165 Resp: 334872
Ion Ratio Lower Upper
165 100
63 51.5 45.9 68.9
89 49.4 44.0 66.0

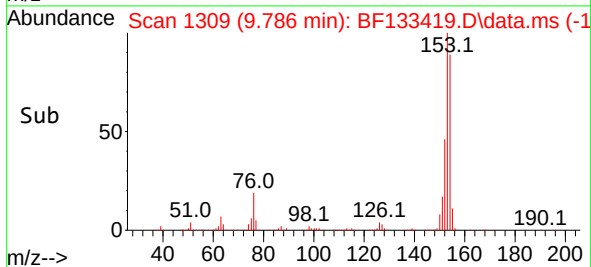
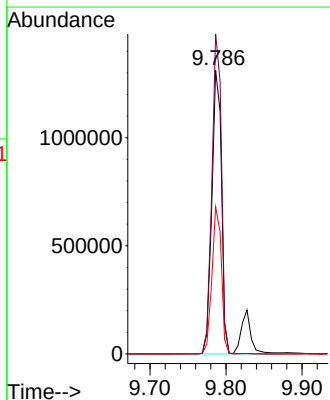
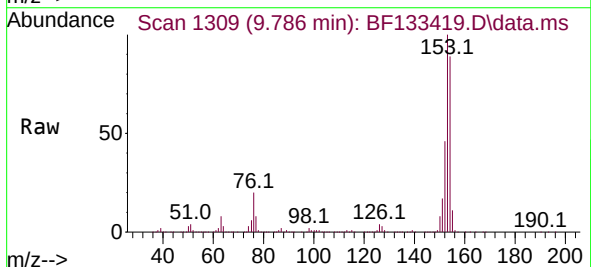
Manual Integrations
APPROVED

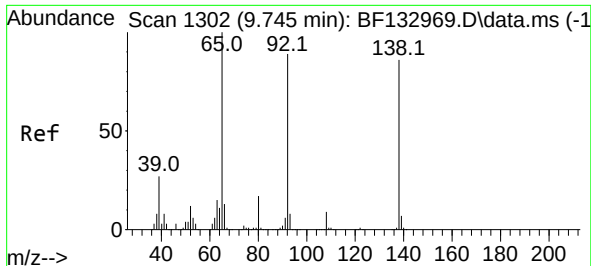
Reviewed By :Christian Giraldo 05/18/2023
Supervised By :Jagrut Upadhyay 05/18/2023



#52
Acenaphthene
Concen: 49.406 ng m
RT: 9.786 min Scan# 1309
Delta R.T. -0.006 min
Lab File: BF133419.D
Acq: 17 May 2023 18:17

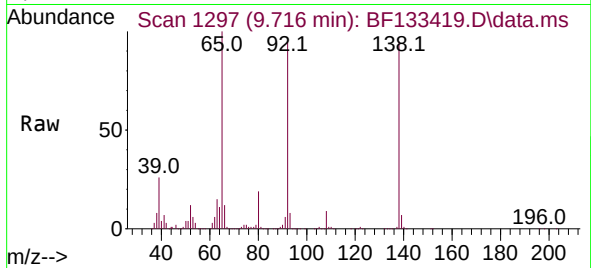
Tgt Ion:154 Resp: 1334354
Ion Ratio Lower Upper
154 100
153 112.8 89.0 133.6
152 51.9 40.4 60.6





#53
3-Nitroaniline
Concen: 33.785 ng
RT: 9.716 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF133419.D
Acq: 17 May 2023 18:17

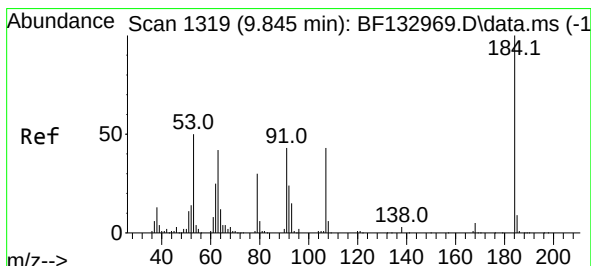
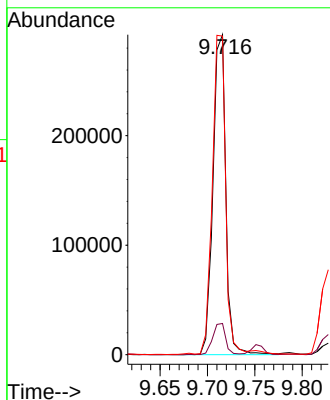
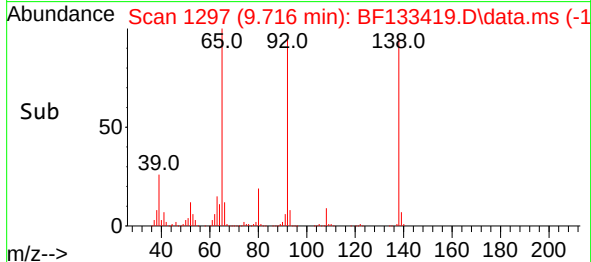
Instrument :
BNA_F
ClientSampleId :
WG-0516-B4-10-13MSD



Tgt Ion:138 Resp: 274139
Ion Ratio Lower Upper
138 100
108 9.7 8.0 12.0
92 99.6 83.6 125.4

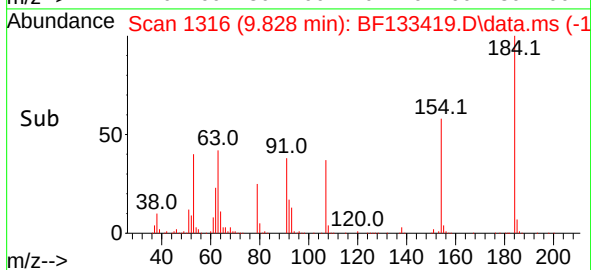
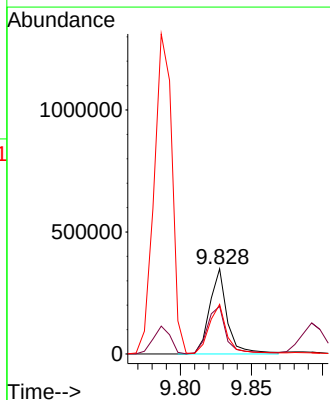
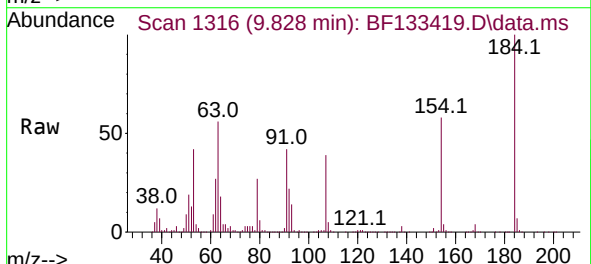
Manual Integrations
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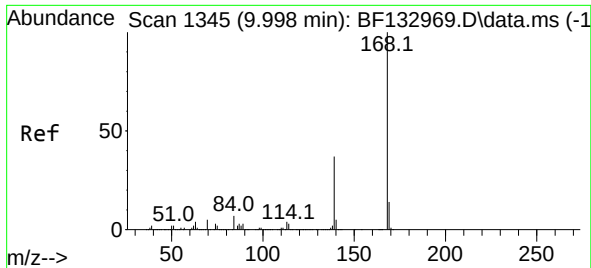
Reviewed By :Christian Giraldo 05/18/2023
Supervised By :Jagrut Upadhyay 05/18/2023



#54
2,4-Dinitrophenol
Concen: 87.791 ng
RT: 9.828 min Scan# 1316
Delta R.T. -0.006 min
Lab File: BF133419.D
Acq: 17 May 2023 18:17

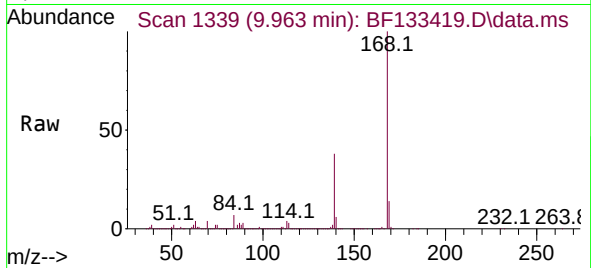
Tgt Ion:184 Resp: 301140
Ion Ratio Lower Upper
184 100
63 56.1 49.8 74.8
154 58.4 49.5 74.3





#55
Dibenzofuran
Concen: 44.672 ng
RT: 9.963 min Scan# 1339
Delta R.T. -0.006 min
Lab File: BF133419.D
Acq: 17 May 2023 18:17

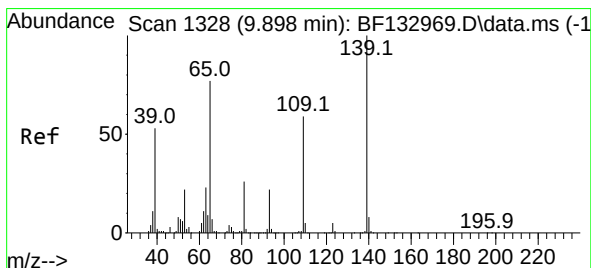
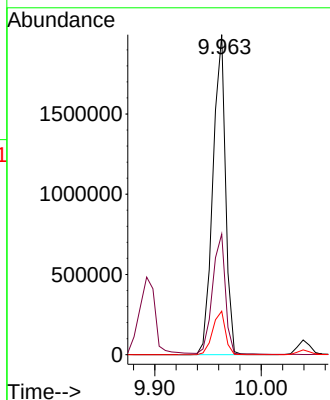
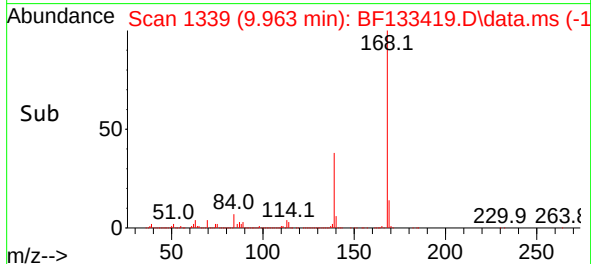
Instrument :
BNA_F
ClientSampleId :
WG-0516-B4-10-13MSD



Tgt Ion:168 Resp: 1645783
Ion Ratio Lower Upper
168 100
139 37.7 29.8 44.8
169 13.6 10.8 16.2

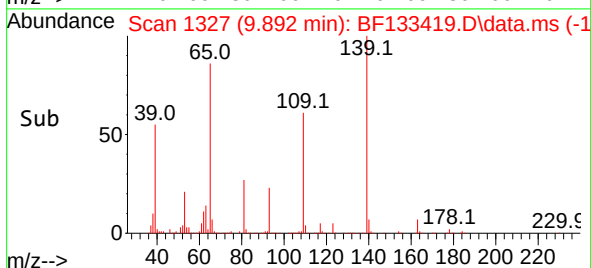
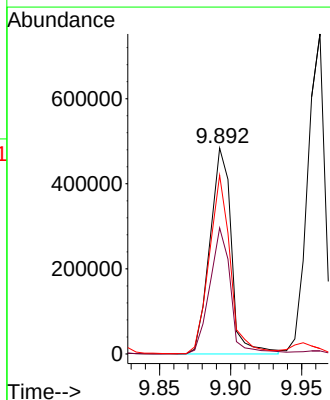
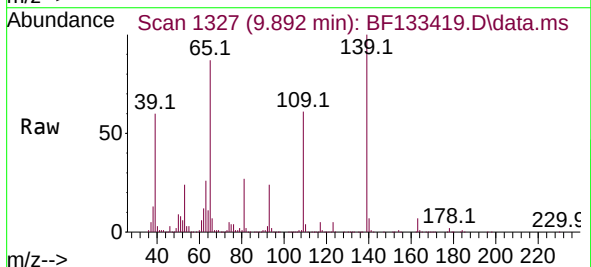
Manual Integrations
APPROVED

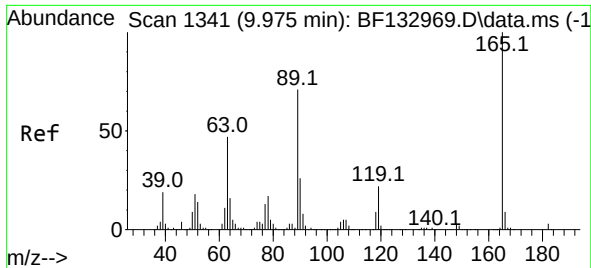
Reviewed By :Christian Giraldo 05/18/2023
Supervised By :Jagrut Upadhyay 05/18/2023



#56
4-Nitrophenol
Concen: 80.924 ng
RT: 9.892 min Scan# 1327
Delta R.T. 0.000 min
Lab File: BF133419.D
Acq: 17 May 2023 18:17

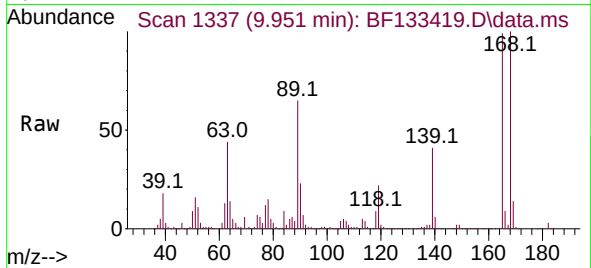
Tgt Ion:139 Resp: 508576
Ion Ratio Lower Upper
139 100
109 61.2 39.4 79.4
65 86.8 57.5 97.5





#57
2,4-Dinitrotoluene
Concen: 49.151 ng
RT: 9.951 min Scan# 1337
Delta R.T. -0.006 min
Lab File: BF133419.D
Acq: 17 May 2023 18:17

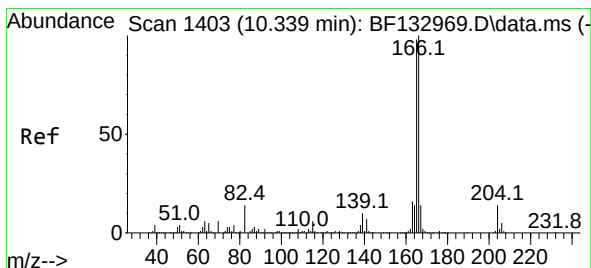
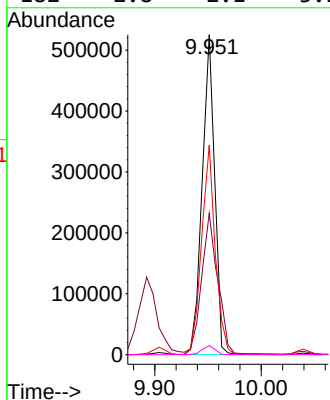
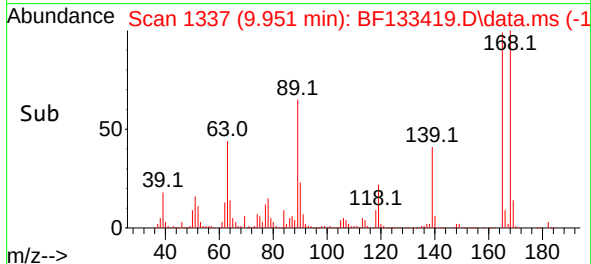
Instrument :
BNA_F
ClientSampleId :
WG-0516-B4-10-13MSD



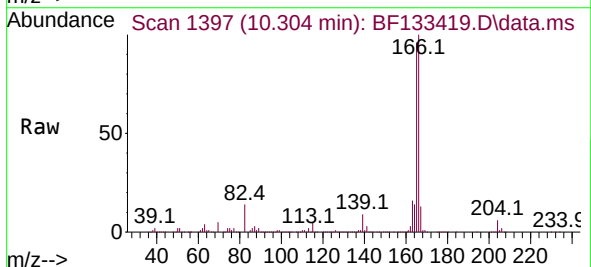
Tgt Ion:165 Resp: 427750
Ion Ratio Lower Upper
165 100
63 44.2 37.7 56.5
89 65.5 57.0 85.4
182 2.8 2.1 3.1

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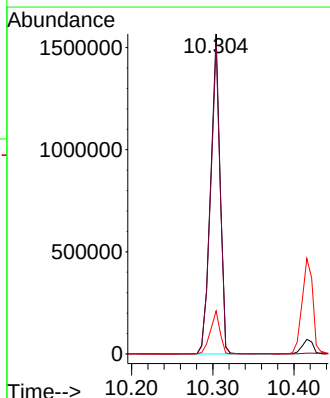
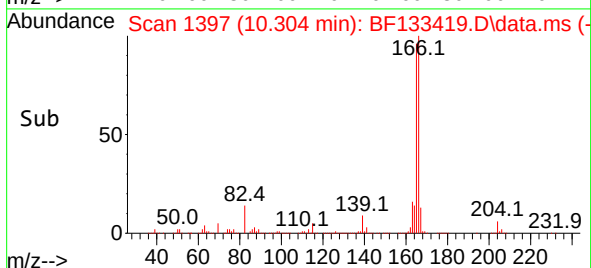
Reviewed By :Christian Giraldo 05/18/2023
Supervised By :Jagrut Upadhyay 05/18/2023

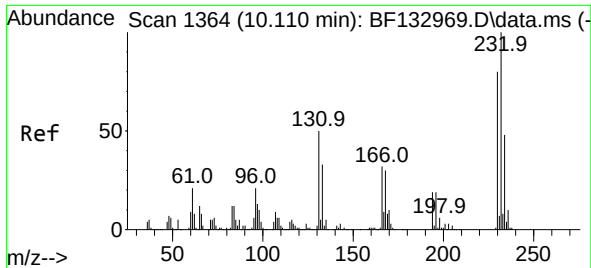


#58
Fluorene
Concen: 47.113 ng
RT: 10.304 min Scan# 1397
Delta R.T. -0.006 min
Lab File: BF133419.D
Acq: 17 May 2023 18:17



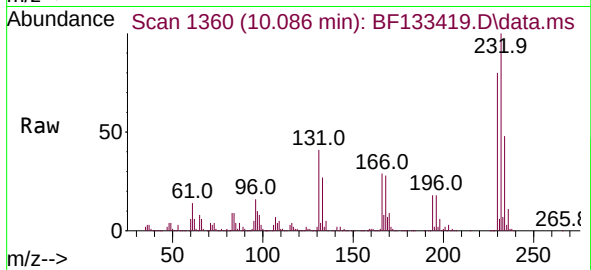
Tgt Ion:166 Resp: 1271653
Ion Ratio Lower Upper
166 100
165 96.4 78.6 117.8
167 13.5 11.0 16.4





#59
2,3,4,6-Tetrachlorophenol
Concen: 47.552 ng
RT: 10.086 min Scan# 1360
Delta R.T. -0.006 min
Lab File: BF133419.D
Acq: 17 May 2023 18:17

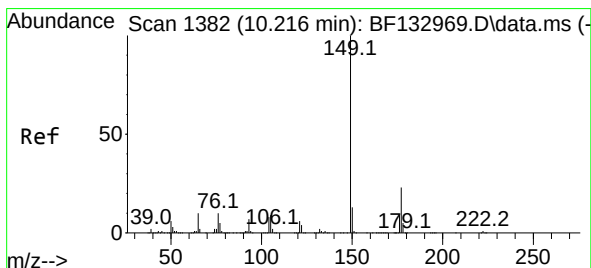
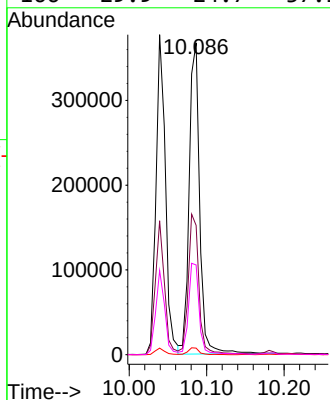
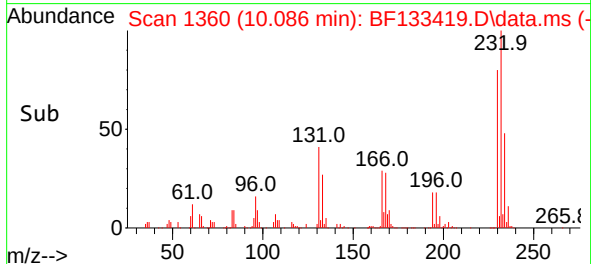
Instrument :
BNA_F
ClientSampleId :
WG-0516-B4-10-13MSD



Tgt Ion:232 Resp: 344725
Ion Ratio Lower Upper
232 100
131 45.2 38.0 57.0
130 2.4 1.8 2.8
166 29.9 24.7 37.1

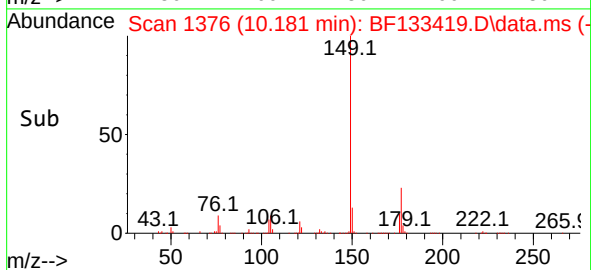
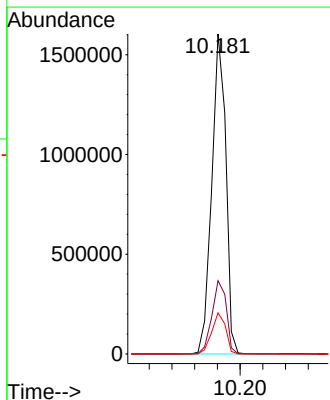
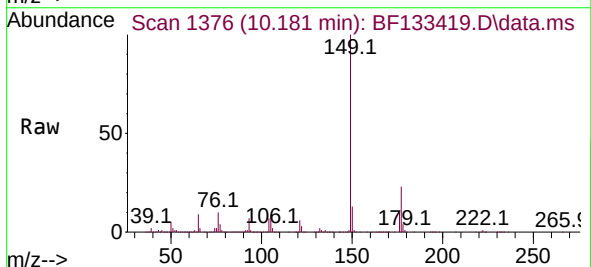
Manual Integrations
APPROVED

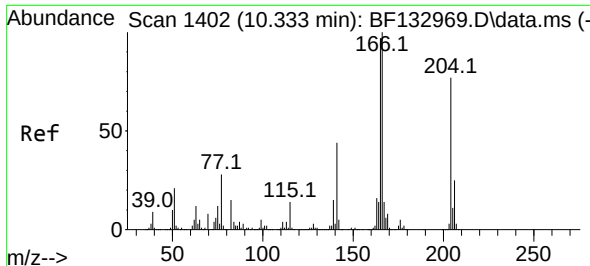
Reviewed By :Christian Giraldo 05/18/2023
Supervised By :Jagrut Upadhyay 05/18/2023



#60
Diethylphthalate
Concen: 48.093 ng
RT: 10.181 min Scan# 1376
Delta R.T. -0.006 min
Lab File: BF133419.D
Acq: 17 May 2023 18:17

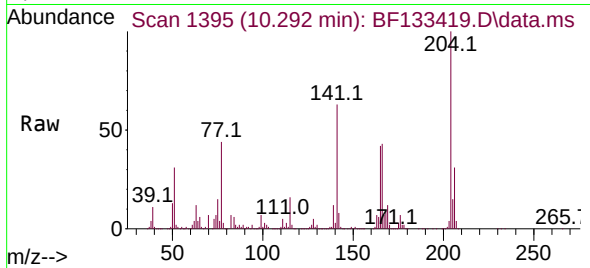
Tgt Ion:149 Resp: 1377344
Ion Ratio Lower Upper
149 100
177 22.9 18.2 27.4
150 12.9 10.2 15.4





#61
4-Chlorophenyl-phenylether
Concen: 46.736 ng
RT: 10.292 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF133419.D
Acq: 17 May 2023 18:17

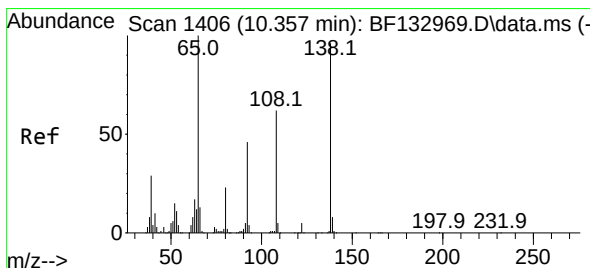
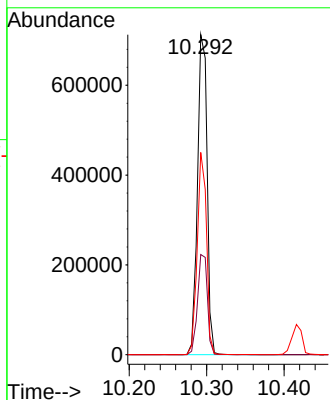
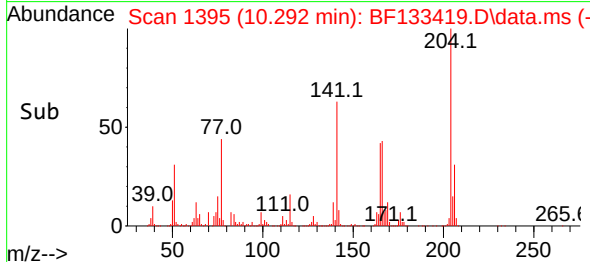
Instrument :
BNA_F
ClientSampleId :
WG-0516-B4-10-13MSD



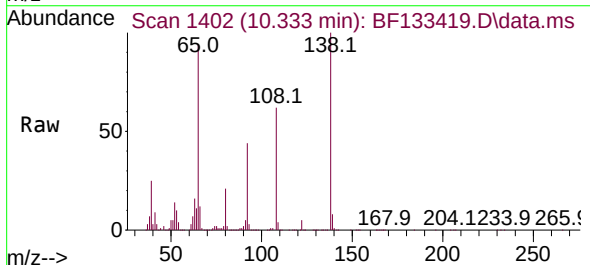
Tgt Ion:204 Resp: 61474
Ion Ratio Lower Upper
204 100
206 31.3 26.1 39.1
141 63.2 46.1 69.1

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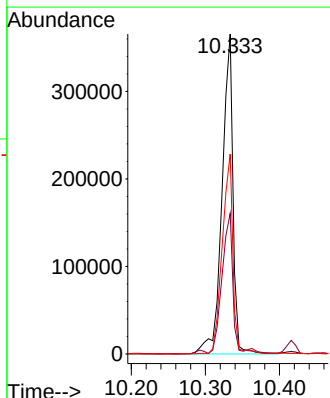
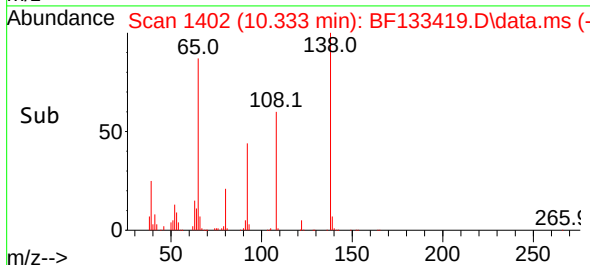
Reviewed By :Christian Giraldo 05/18/2023
Supervised By :Jagrut Upadhyay 05/18/2023

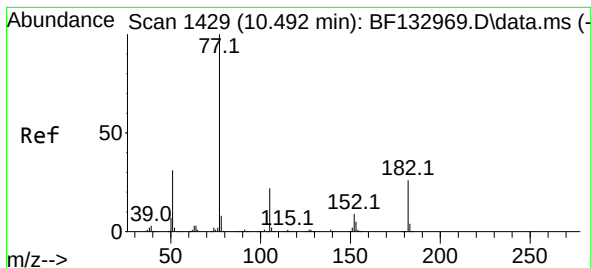


#62
4-Nitroaniline
Concen: 50.579 ng
RT: 10.333 min Scan# 1402
Delta R.T. 0.000 min
Lab File: BF133419.D
Acq: 17 May 2023 18:17



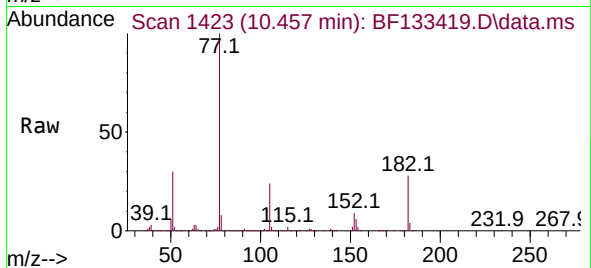
Tgt Ion:138 Resp: 377203
Ion Ratio Lower Upper
138 100
92 43.9 27.7 67.7
108 62.5 45.2 85.2





#63
Azobenzene
Concen: 44.700 ng
RT: 10.457 min Scan# 1423
Delta R.T. -0.006 min
Lab File: BF133419.D
Acq: 17 May 2023 18:17

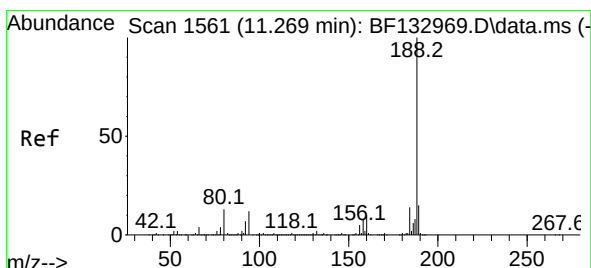
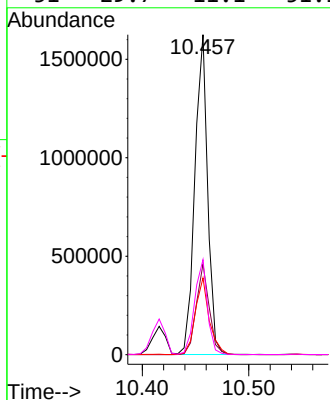
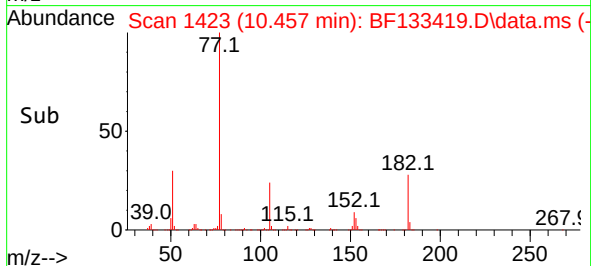
Instrument :
BNA_F
ClientSampleId :
WG-0516-B4-10-13MSD



Tgt Ion: 77 Resp: 135613
Ion Ratio Lower Upper
77 100
182 28.3 5.9 45.9
105 24.0 2.3 42.3
51 29.7 11.1 51.1

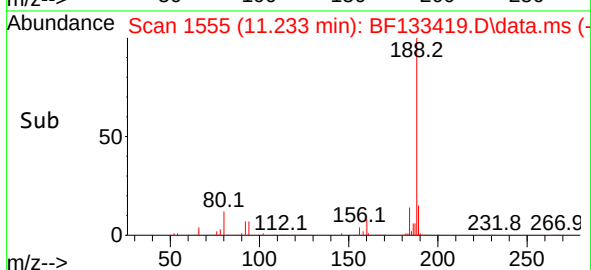
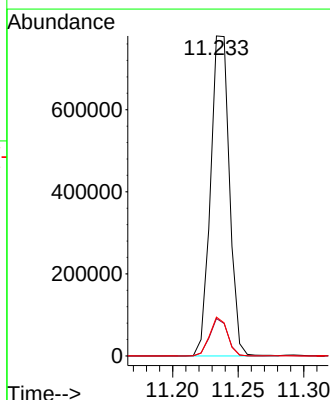
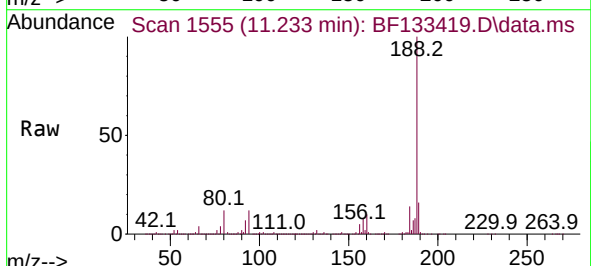
Manual Integrations
APPROVED

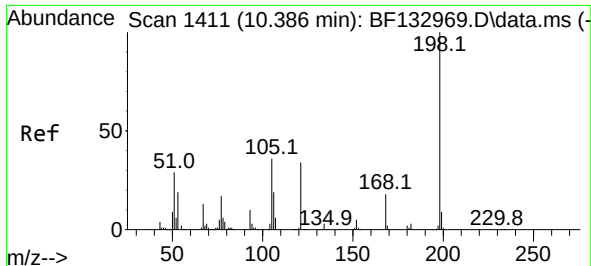
Reviewed By :Christian Giraldo 05/18/2023
Supervised By :Jagrut Upadhyay 05/18/2023



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.233 min Scan# 1555
Delta R.T. -0.012 min
Lab File: BF133419.D
Acq: 17 May 2023 18:17

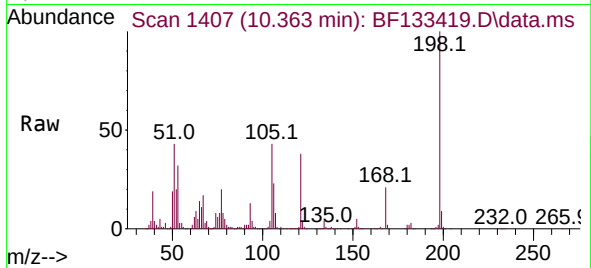
Tgt Ion:188 Resp: 781847
Ion Ratio Lower Upper
188 100
94 11.7 9.7 14.5
80 12.1 10.4 15.6





#65
4,6-Dinitro-2-methylphenol
Concen: 50.549 ng
RT: 10.363 min Scan# 1411
Delta R.T. -0.006 min
Lab File: BF133419.D
Acq: 17 May 2023 18:17

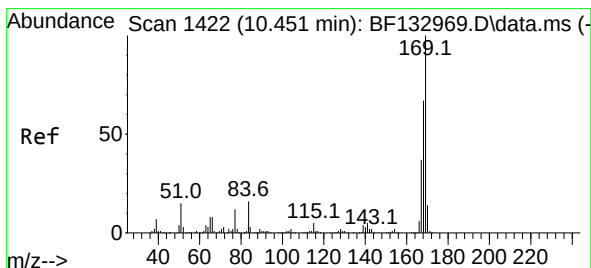
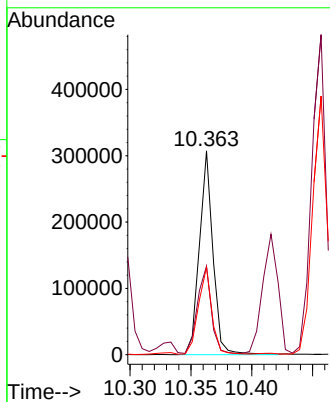
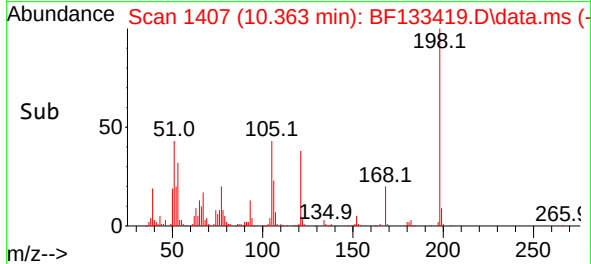
Instrument :
BNA_F
ClientSampleId :
WG-0516-B4-10-13MSD



Tgt Ion:198 Resp: 23955
Ion Ratio Lower Upper
198 100
51 43.5 15.5 55.5
105 43.0 16.7 56.7

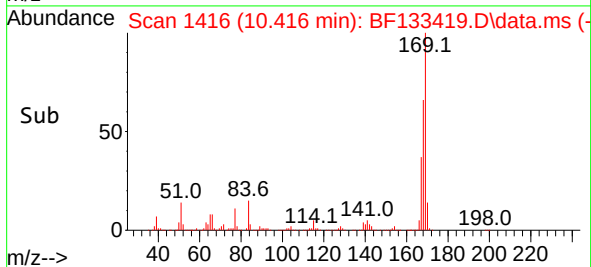
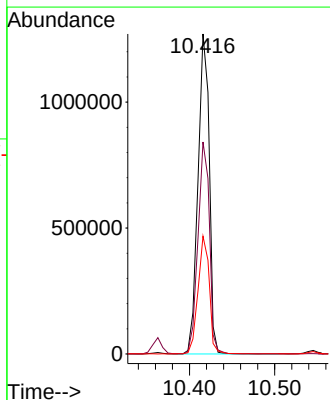
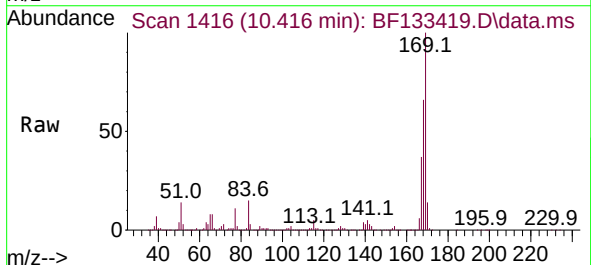
Manual Integrations
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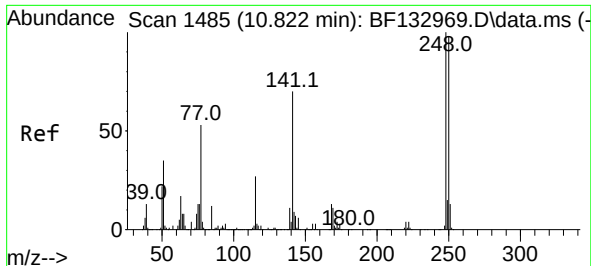
Reviewed By :Christian Giraldo 05/18/2023
Supervised By :Jagrut Upadhyay 05/18/2023



#66
n-Nitrosodiphenylamine
Concen: 46.005 ng
RT: 10.416 min Scan# 1416
Delta R.T. -0.006 min
Lab File: BF133419.D
Acq: 17 May 2023 18:17

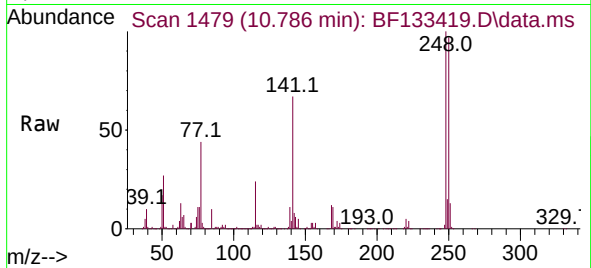
Tgt Ion:169 Resp: 1166746
Ion Ratio Lower Upper
169 100
168 66.3 53.8 80.8
167 36.8 29.7 44.5





#67
4-Bromophenyl-phenylether
Concen: 46.953 ng
RT: 10.786 min Scan# 1485
Delta R.T. -0.006 min
Lab File: BF133419.D
Acq: 17 May 2023 18:17

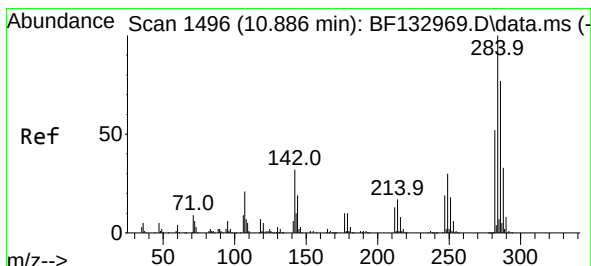
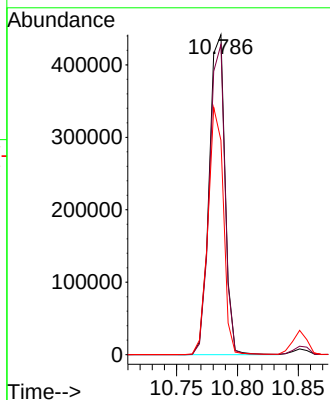
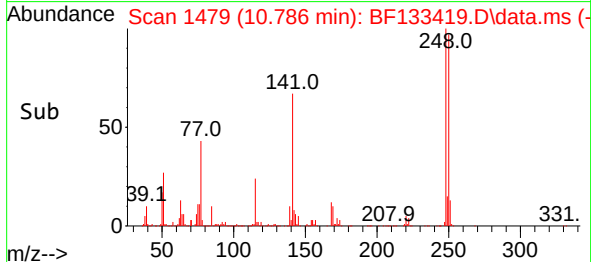
Instrument :
BNA_F
ClientSampleId :
WG-0516-B4-10-13MSD



Tgt Ion:248 Resp: 398144
Ion Ratio Lower Upper
248 100
250 96.9 78.7 118.1
141 67.0 56.3 84.5

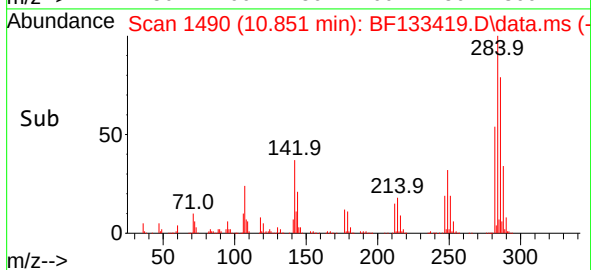
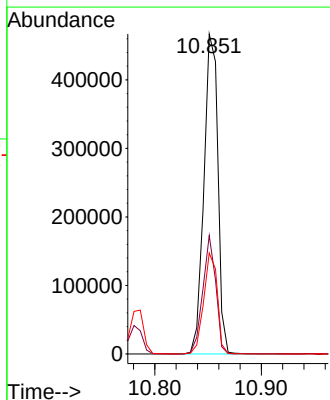
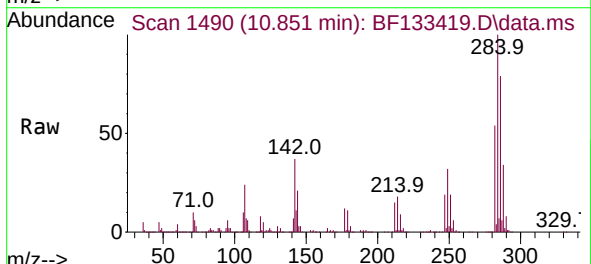
Manual Integrations
APPROVED

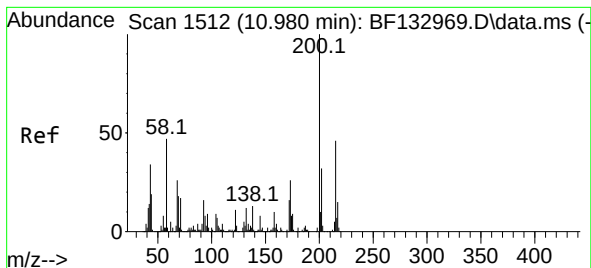
Reviewed By :Christian Giraldo 05/18/2023
Supervised By :Jagrut Upadhyay 05/18/2023



#68
Hexachlorobenzene
Concen: 49.198 ng
RT: 10.851 min Scan# 1490
Delta R.T. -0.012 min
Lab File: BF133419.D
Acq: 17 May 2023 18:17

Tgt Ion:284 Resp: 427481
Ion Ratio Lower Upper
284 100
142 37.0 26.0 39.0
249 31.6 23.7 35.5





#69

Atrazine

Concen: 55.869 ng

RT: 10.951 min Scan# 1507

Delta R.T. 0.000 min

Lab File: BF133419.D

Acq: 17 May 2023 18:17

Instrument :

BNA_F

ClientSampleId :

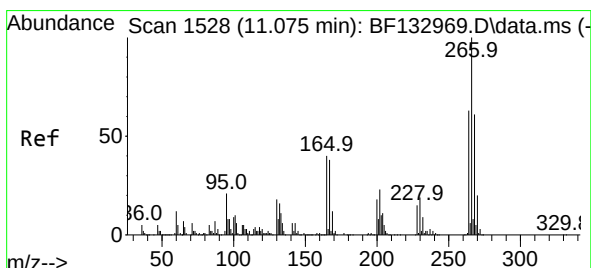
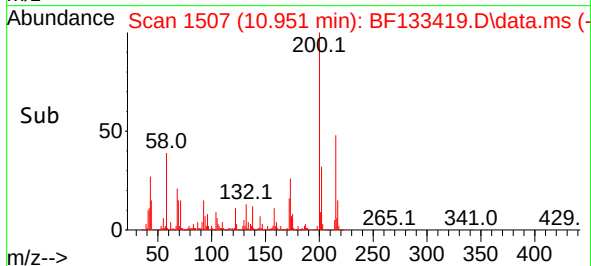
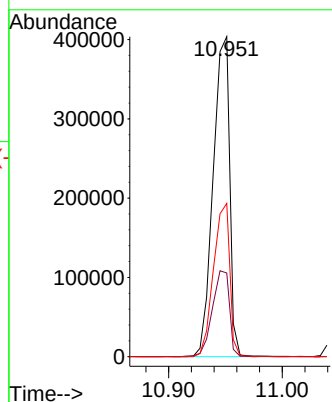
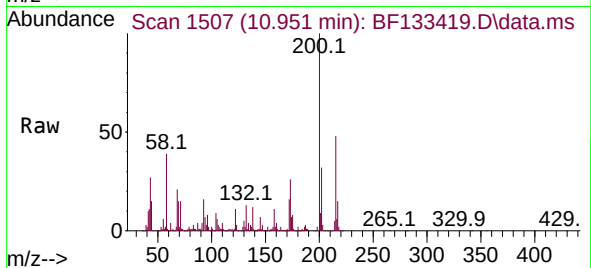
WG-0516-B4-10-13MSD

Tgt Ion:	200	Resp:	40827
Ion Ratio	Lower	Upper	
200	100		
173	26.1	6.2	46.2
215	47.9	26.3	66.3

Manual Integrations

APPROVED

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



#70

Pentachlorophenol

Concen: 64.221 ng

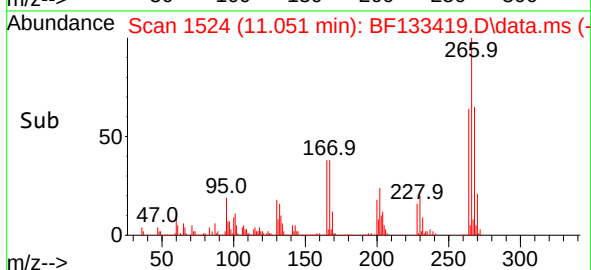
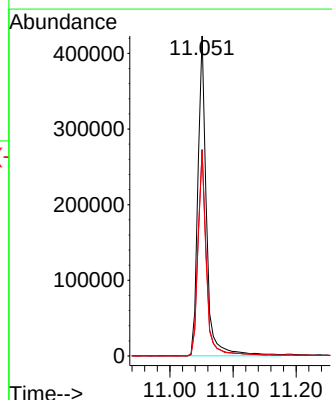
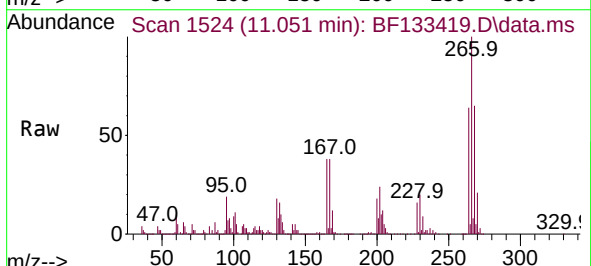
RT: 11.051 min Scan# 1524

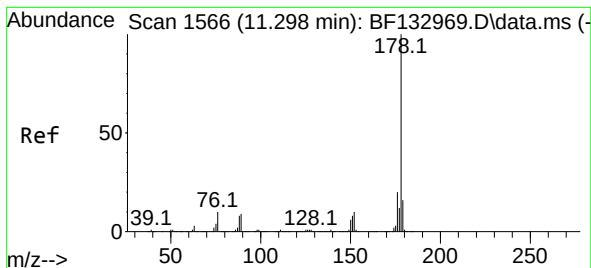
Delta R.T. -0.006 min

Lab File: BF133419.D

Acq: 17 May 2023 18:17

Tgt Ion:	266	Resp:	397414
Ion Ratio	Lower	Upper	
266	100		
268	64.5	48.8	73.2
264	64.0	50.6	76.0





#71

Phenanthrene

Concen: 45.665 ng

RT: 11.263 min Scan# 1560

Delta R.T. -0.006 min

Lab File: BF133419.D

Acq: 17 May 2023 18:17

Instrument :

BNA_F

ClientSampleId :

WG-0516-B4-10-13MSD

Tgt Ion:178 Resp: 1918934

Ion Ratio Lower Upper

178 100

176 20.0 15.9 23.9

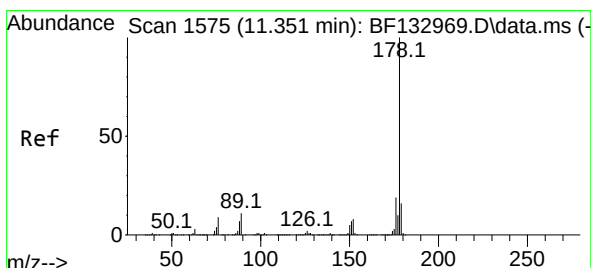
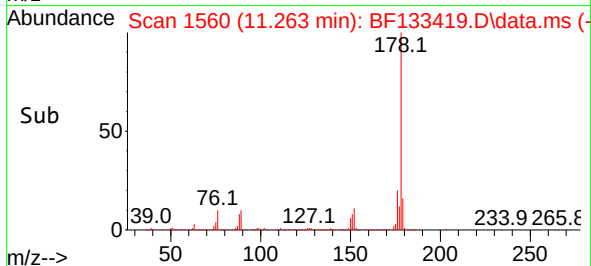
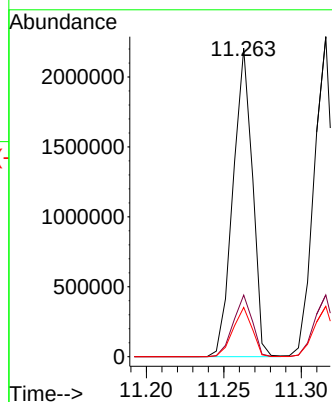
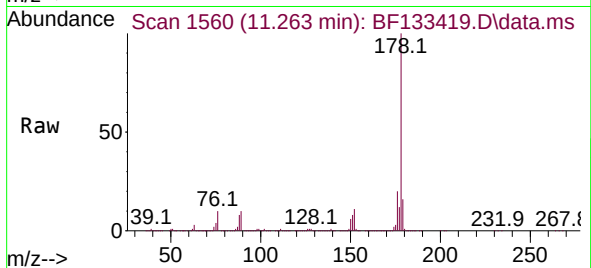
179 16.0 12.5 18.7

Manual Integrations

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Reviewed By :Christian Giraldo 05/18/2023

Supervised By :Jagrut Upadhyay 05/18/2023



#72

Anthracene

Concen: 45.794 ng

RT: 11.316 min Scan# 1569

Delta R.T. -0.006 min

Lab File: BF133419.D

Acq: 17 May 2023 18:17

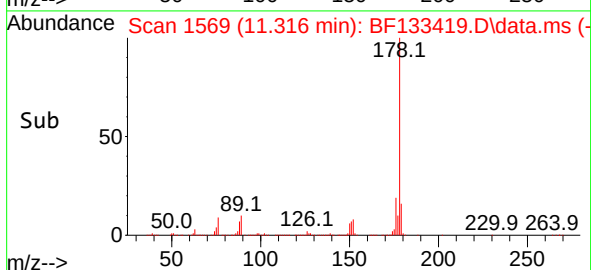
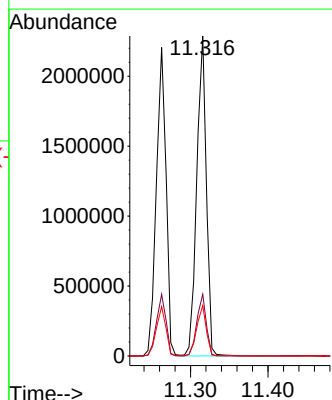
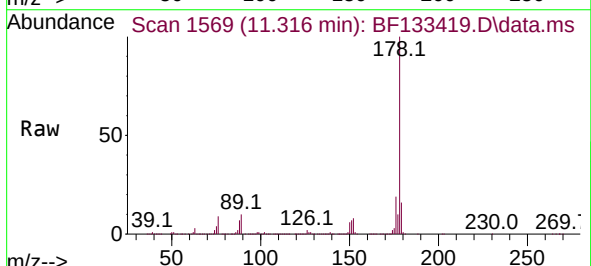
Tgt Ion:178 Resp: 1969375

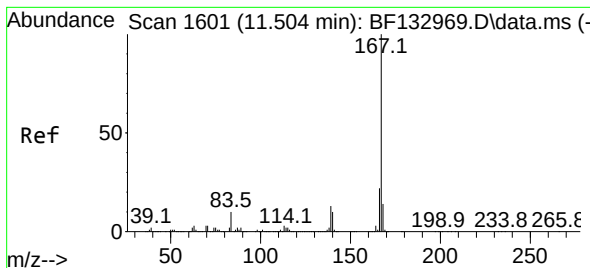
Ion Ratio Lower Upper

178 100

176 19.3 15.4 23.0

179 15.7 12.4 18.6





#73

Carbazole

Concen: 45.294 ng

RT: 11.475 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF133419.D

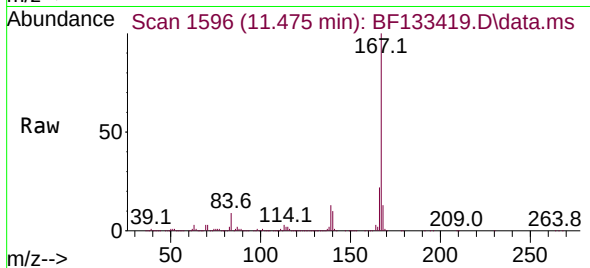
Acq: 17 May 2023 18:17

Instrument :

BNA_F

ClientSampleId :

WG-0516-B4-10-13MSD



Tgt Ion:167 Resp: 1734434

Ion Ratio Lower Upper

167 100

166 21.9 17.4 26.0

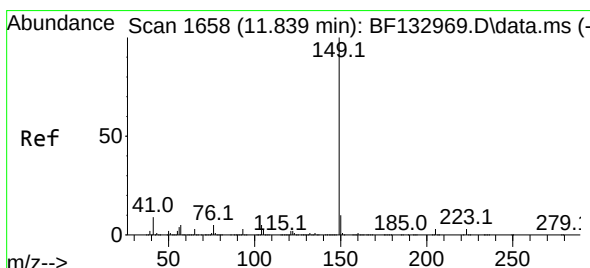
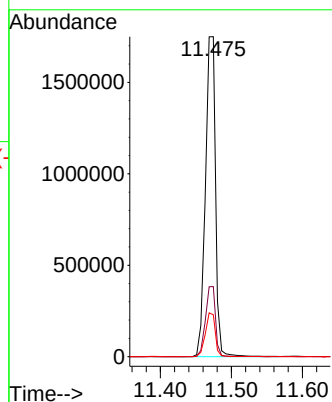
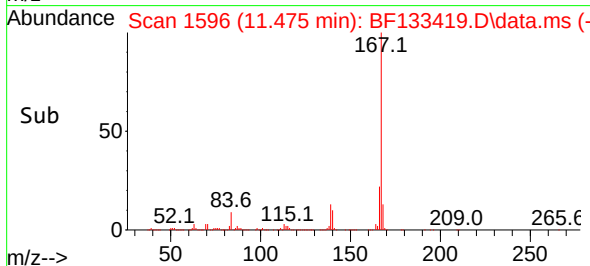
139 13.1 10.6 16.0

Manual Integrations

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Reviewed By :Christian Giraldo 05/18/2023

Supervised By :Jagrut Upadhyay 05/18/2023



#74

Di-n-butylphthalate

Concen: 49.993 ng

RT: 11.804 min Scan# 1652

Delta R.T. -0.006 min

Lab File: BF133419.D

Acq: 17 May 2023 18:17

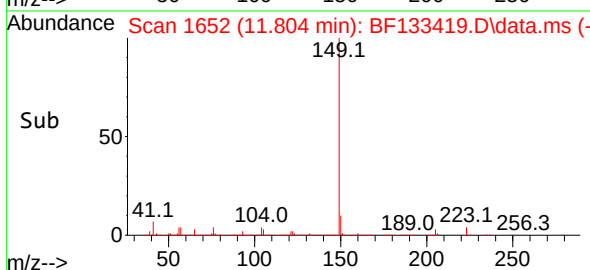
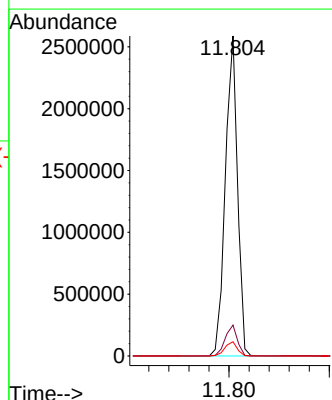
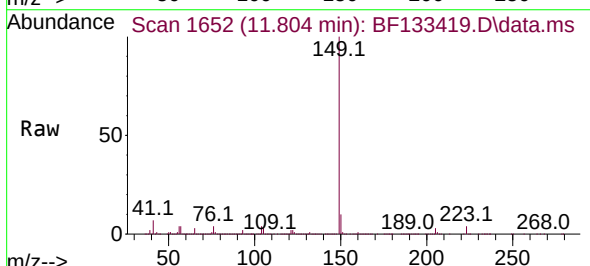
Tgt Ion:149 Resp: 2166399

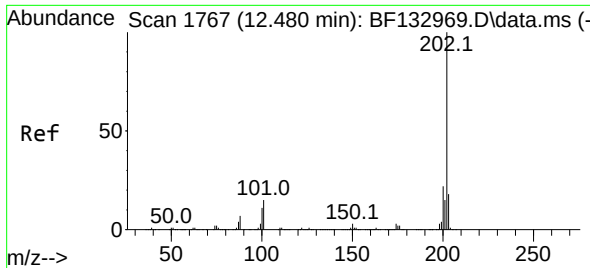
Ion Ratio Lower Upper

149 100

150 9.6 7.6 11.4

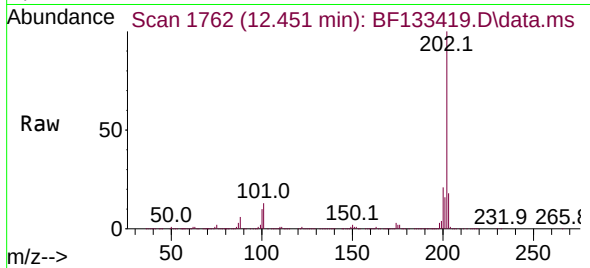
104 4.5 4.0 6.0





#75
Fluoranthene
Concen: 43.848 ng
RT: 12.451 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF133419.D
Acq: 17 May 2023 18:17

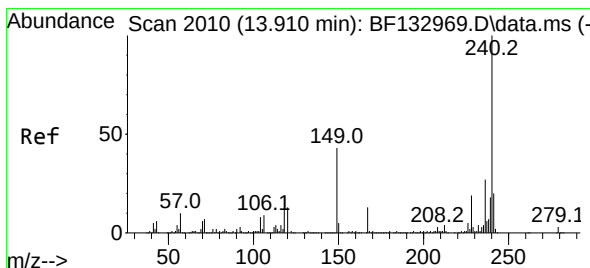
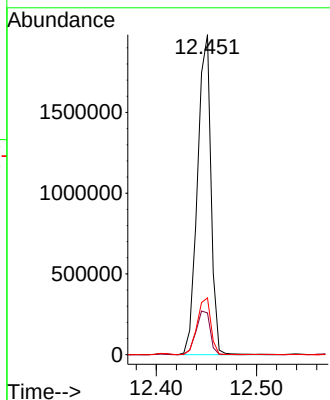
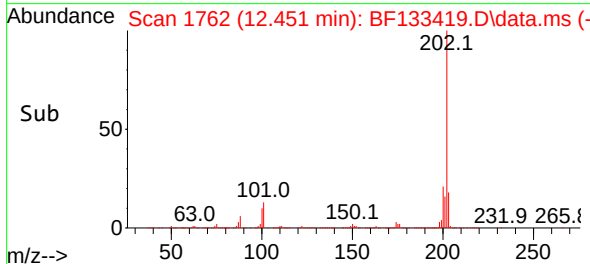
Instrument :
BNA_F
ClientSampleId :
WG-0516-B4-10-13MSD



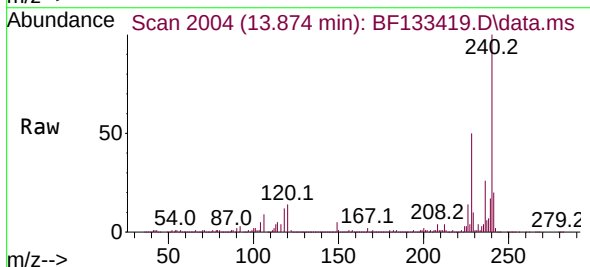
Tgt Ion:202 Resp: 1849254
Ion Ratio Lower Upper
202 100
101 13.0 0.0 35.3
203 17.8 0.0 38.1

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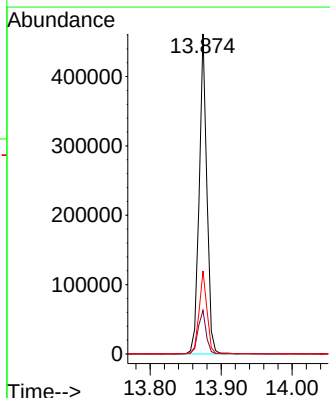
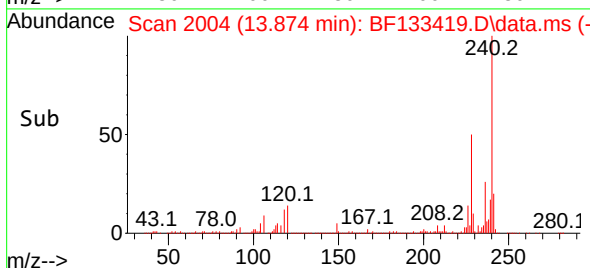
Reviewed By :Christian Giraldo 05/18/2023
Supervised By :Jagrut Upadhyay 05/18/2023

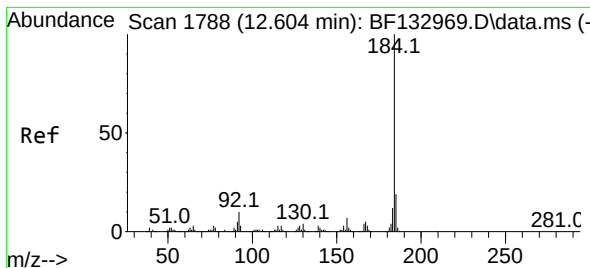


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.874 min Scan# 2004
Delta R.T. -0.012 min
Lab File: BF133419.D
Acq: 17 May 2023 18:17



Tgt Ion:240 Resp: 348207
Ion Ratio Lower Upper
240 100
120 13.6 10.5 15.7
236 25.9 21.5 32.3





#77

Benzidine

Concen: 143.146 ng

RT: 12.574 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF133419.D

Acq: 17 May 2023 18:17

Instrument :

BNA_F

ClientSampleId :

WG-0516-B4-10-13MSD

Tgt Ion:184 Resp: 842890

Ion Ratio Lower Upper

184 100

185 14.0 15.4 23.2

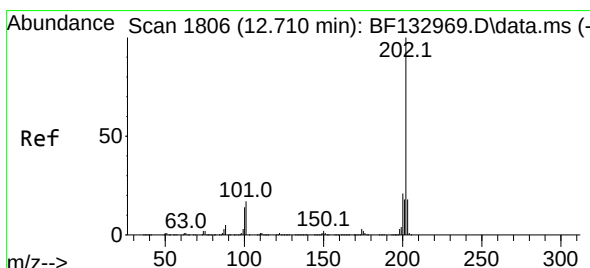
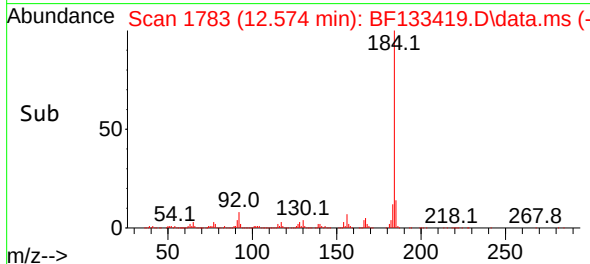
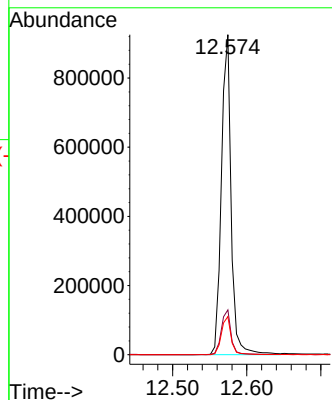
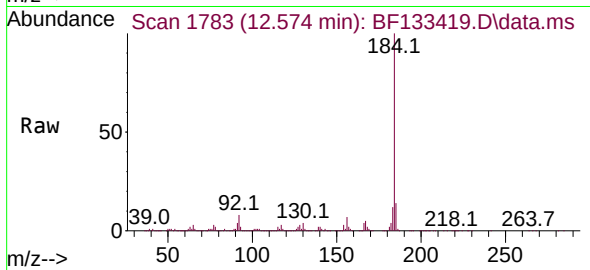
183 11.9 9.4 14.0

Manual Integrations

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Reviewed By :Christian Giraldo 05/18/2023

Supervised By :Jagrut Upadhyay 05/18/2023



#78

Pyrene

Concen: 61.904 ng

RT: 12.674 min Scan# 1800

Delta R.T. -0.012 min

Lab File: BF133419.D

Acq: 17 May 2023 18:17

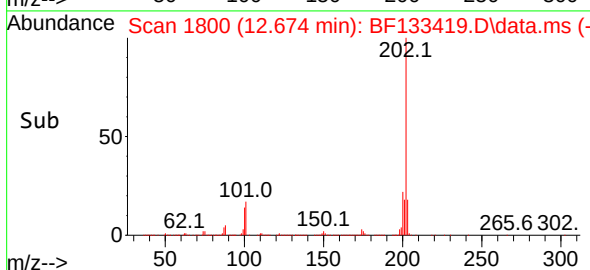
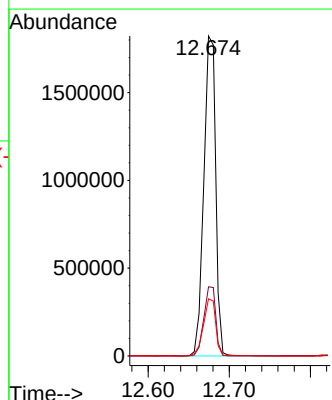
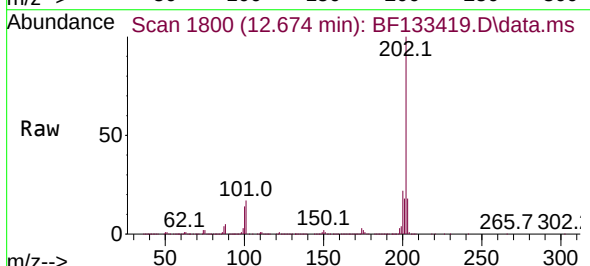
Tgt Ion:202 Resp: 1847783

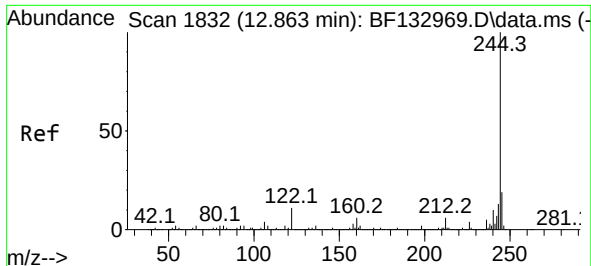
Ion Ratio Lower Upper

202 100

200 21.6 17.1 25.7

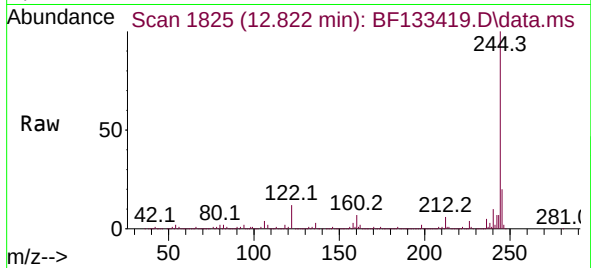
203 17.9 14.1 21.1





#79
Terphenyl-d14
Concen: 83.217 ng
RT: 12.822 min Scan# 1825
Delta R.T. -0.012 min
Lab File: BF133419.D
Acq: 17 May 2023 18:17

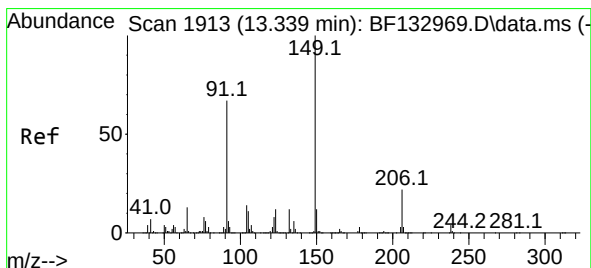
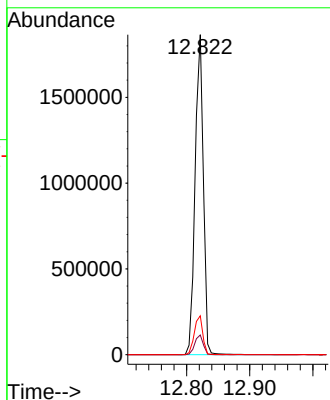
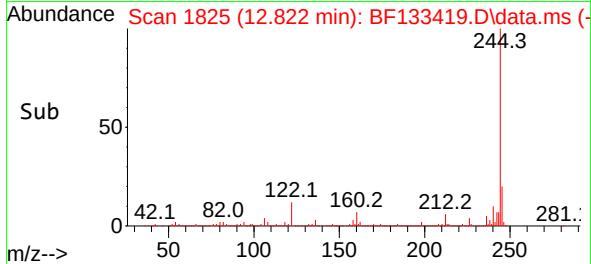
Instrument :
BNA_F
ClientSampleId :
WG-0516-B4-10-13MSD



Tgt Ion:244 Resp: 168014
Ion Ratio Lower Upper
244 100
212 6.1 5.1 7.7
122 12.1 8.6 13.0

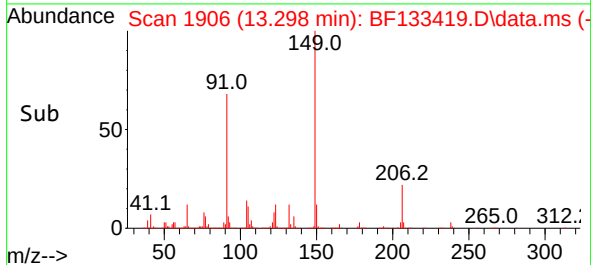
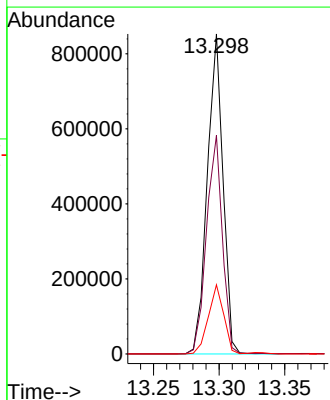
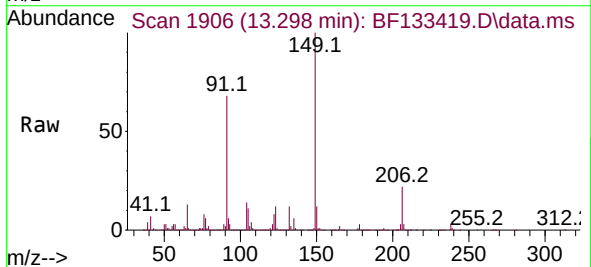
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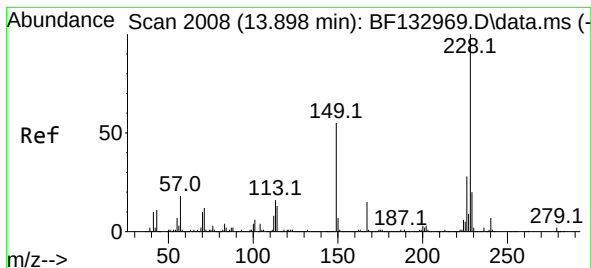
Reviewed By :Christian Giraldo 05/18/2023
Supervised By :Jagrut Upadhyay 05/18/2023



#80
Butylbenzylphthalate
Concen: 67.411 ng
RT: 13.298 min Scan# 1906
Delta R.T. -0.006 min
Lab File: BF133419.D
Acq: 17 May 2023 18:17

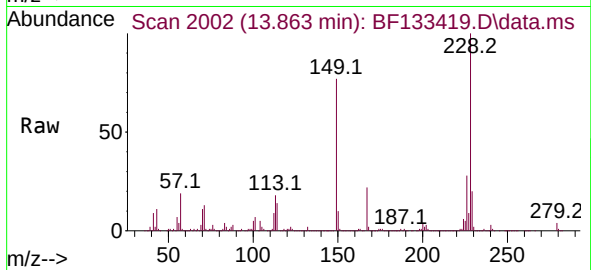
Tgt Ion:149 Resp: 712459
Ion Ratio Lower Upper
149 100
91 68.3 53.8 80.6
206 21.6 17.5 26.3





#81
Benzo(a)anthracene
Concen: 47.876 ng
RT: 13.863 min Scan# 2002
Delta R.T. -0.012 min
Lab File: BF133419.D
Acq: 17 May 2023 18:17

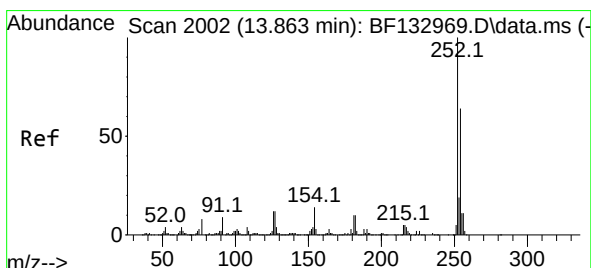
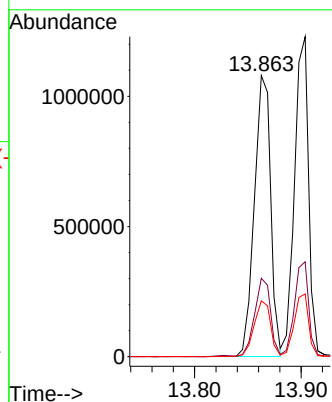
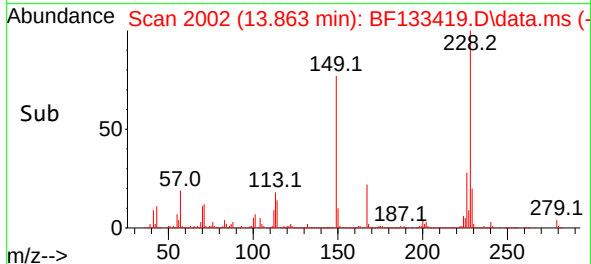
Instrument :
BNA_F
ClientSampleId :
WG-0516-B4-10-13MSD



Tgt Ion:228 Resp: 114639
Ion Ratio Lower Upper
228 100
226 27.9 22.2 33.4
229 19.9 16.0 24.0

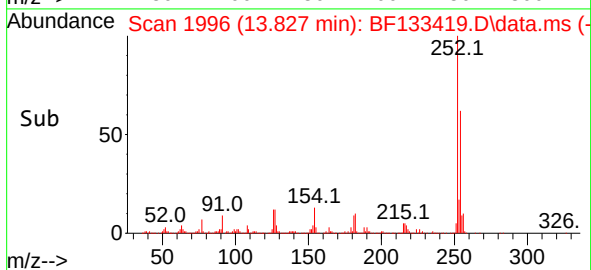
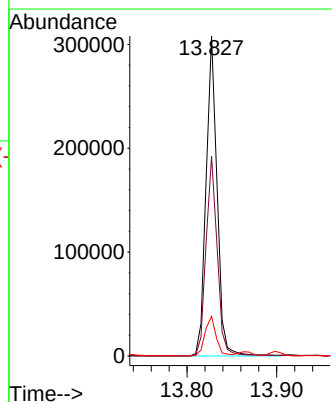
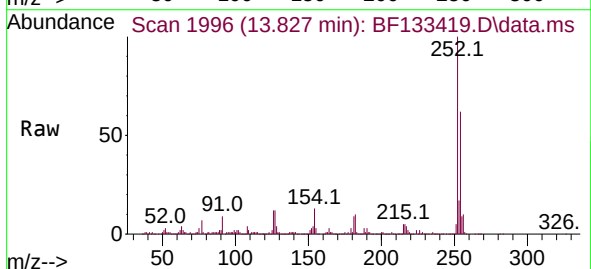
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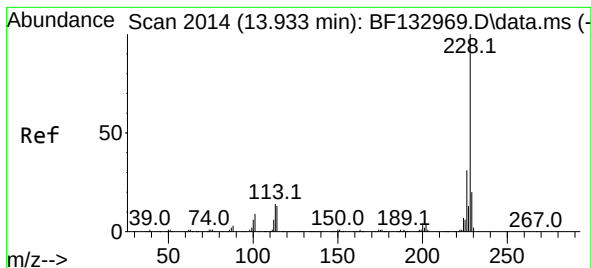
Reviewed By :Christian Giraldo 05/18/2023
Supervised By :Jagrut Upadhyay 05/18/2023



#82
3,3'-Dichlorobenzidine
Concen: 39.740 ng
RT: 13.827 min Scan# 1996
Delta R.T. -0.012 min
Lab File: BF133419.D
Acq: 17 May 2023 18:17

Tgt Ion:252 Resp: 262875
Ion Ratio Lower Upper
252 100
254 62.4 51.5 77.3
126 12.4 9.5 14.3





#83

Chrysene

Concen: 47.189 ng

RT: 13.904 min Scan# 2009

Delta R.T. -0.006 min

Lab File: BF133419.D

Acq: 17 May 2023 18:17

Instrument :

BNA_F

ClientSampleId :

WG-0516-B4-10-13MSD

Tgt Ion:228 Resp: 112966

Ion Ratio Lower Upper

228 100

226 29.7 24.7 37.1

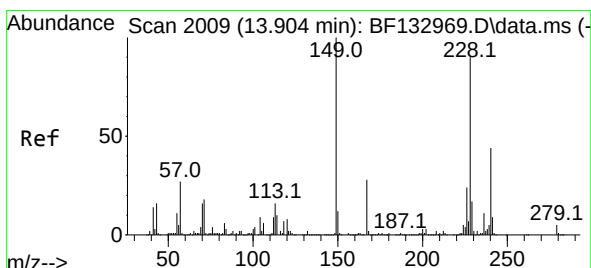
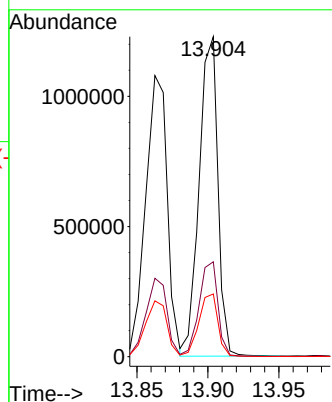
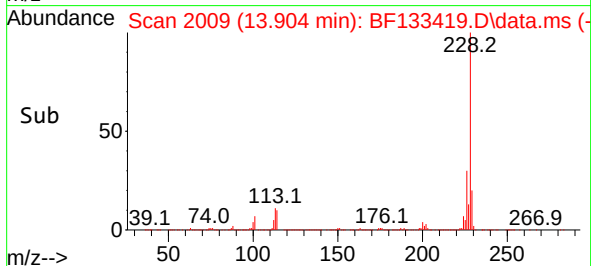
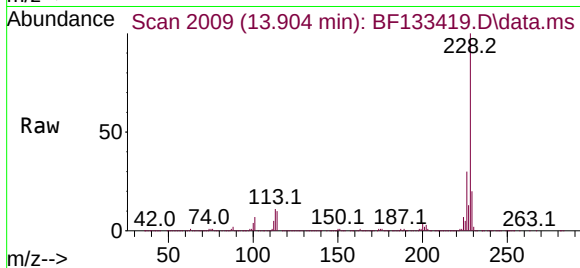
229 19.6 16.1 24.1

Manual Integrations

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Reviewed By :Christian Giraldo 05/18/2023

Supervised By :Jagrut Upadhyay 05/18/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 61.567 ng

RT: 13.857 min Scan# 2001

Delta R.T. -0.006 min

Lab File: BF133419.D

Acq: 17 May 2023 18:17

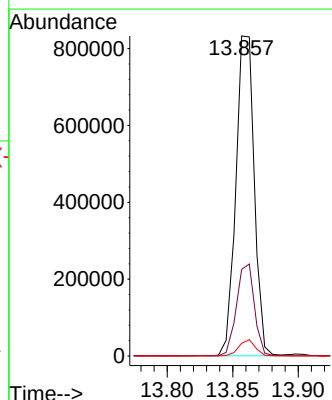
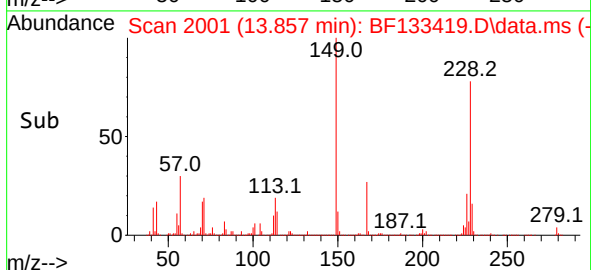
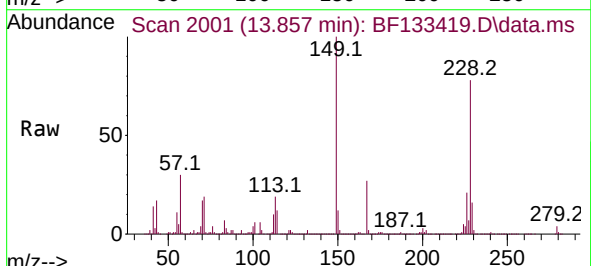
Tgt Ion:149 Resp: 816738

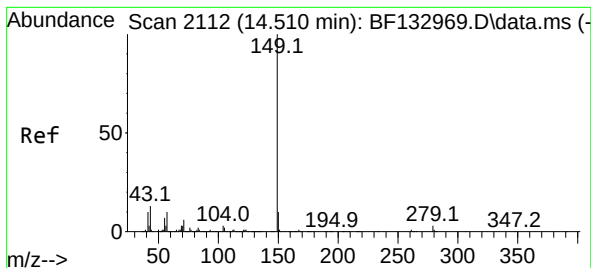
Ion Ratio Lower Upper

149 100

167 27.0 22.5 33.7

279 4.0 4.2 6.4#





#85

Di-n-octyl phthalate

Concen: 65.821 ng

RT: 14.468 min Scan# 2112

Delta R.T. -0.006 min

Lab File: BF133419.D

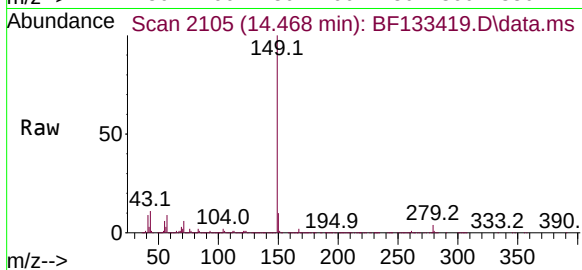
Acq: 17 May 2023 18:17

Instrument :

BNA_F

ClientSampleId :

WG-0516-B4-10-13MSD



Tgt Ion:149 Resp: 1423754

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

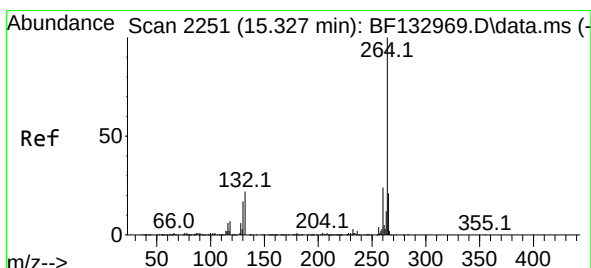
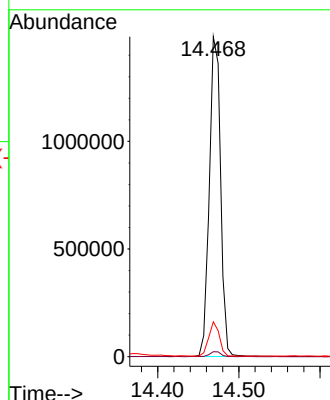
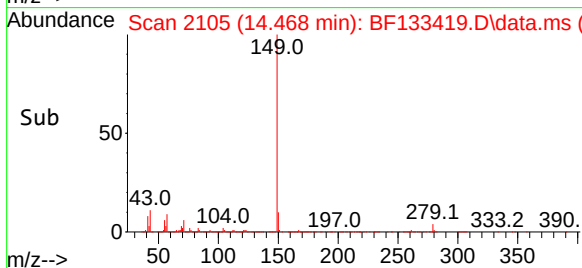
43 10.2 9.5 14.3

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: 15.292 min Scan# 2245

Delta R.T. -0.012 min

Lab File: BF133419.D

Acq: 17 May 2023 18:17

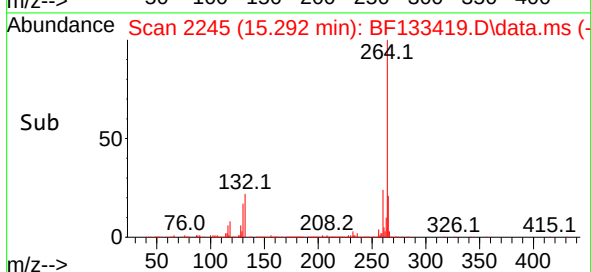
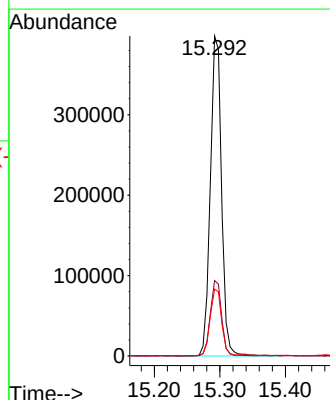
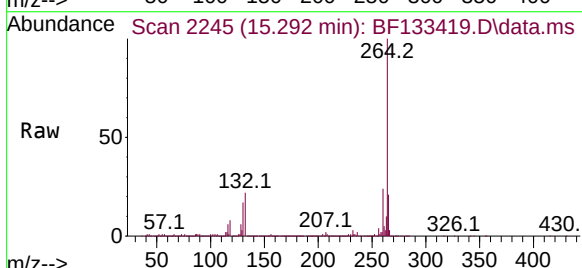
Tgt Ion:264 Resp: 474264

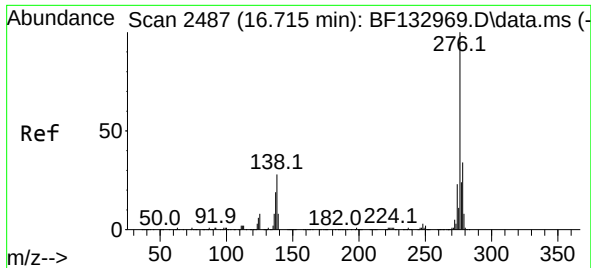
Ion Ratio Lower Upper

264 100

260 23.6 18.8 28.2

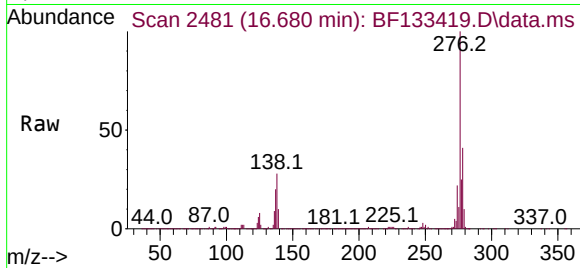
265 20.9 17.0 25.4





#87
Indeno(1,2,3-cd)pyrene
Concen: 61.784 ng
RT: 16.680 min Scan# 2487
Delta R.T. -0.018 min
Lab File: BF133419.D
Acq: 17 May 2023 18:17

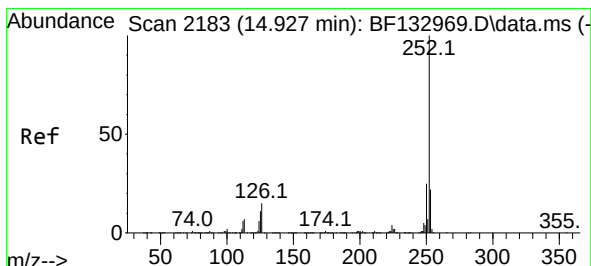
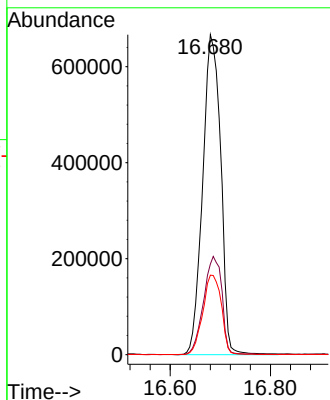
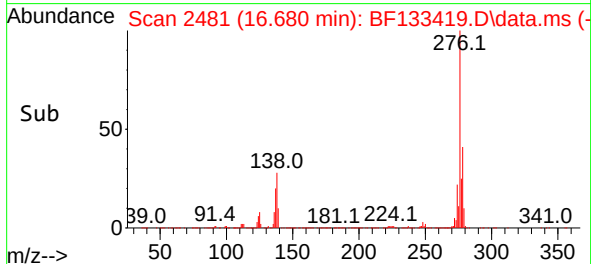
Instrument :
BNA_F
ClientSampleId :
WG-0516-B4-10-13MSD



Tgt Ion:276 Resp: 1666760
Ion Ratio Lower Upper
276 100
138 30.9 25.5 38.3
277 25.5 20.4 30.6

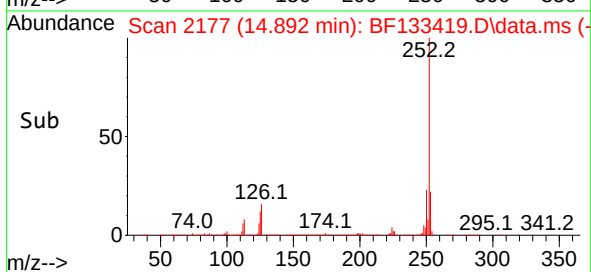
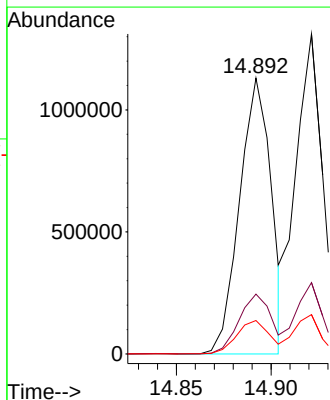
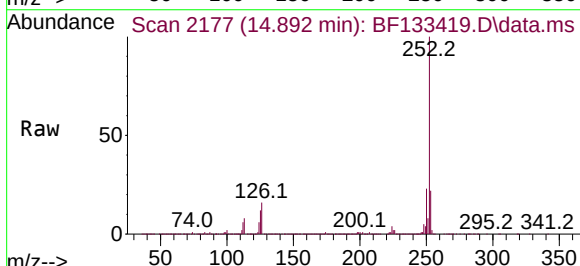
Manual Integrations
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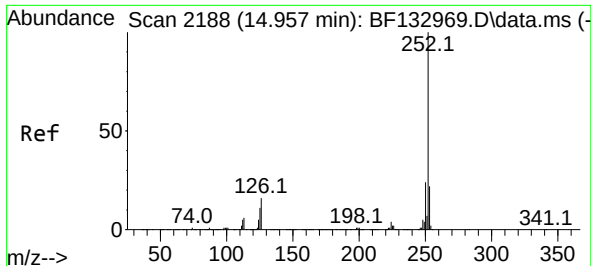
Reviewed By :Christian Giraldo 05/18/2023
Supervised By :Jagrut Upadhyay 05/18/2023



#88
Benzo(b)fluoranthene
Concen: 43.647 ng
RT: 14.892 min Scan# 2177
Delta R.T. -0.006 min
Lab File: BF133419.D
Acq: 17 May 2023 18:17

Tgt Ion:252 Resp: 1316937
Ion Ratio Lower Upper
252 100
253 21.7 17.6 26.4
125 12.1 8.9 13.3





#89

Benzo(k)fluoranthene

Concen: 42.553 ng

RT: 14.921 min Scan# 2188

Delta R.T. -0.006 min

Lab File: BF133419.D

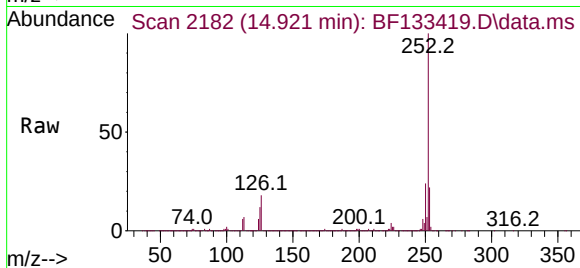
Acq: 17 May 2023 18:17

Instrument :

BNA_F

ClientSampleId :

WG-0516-B4-10-13MSD



Tgt Ion:252 Resp: 127272

Ion Ratio Lower Upper

252 100

253 22.3 17.7 26.5

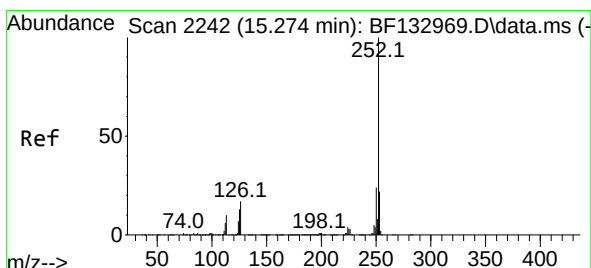
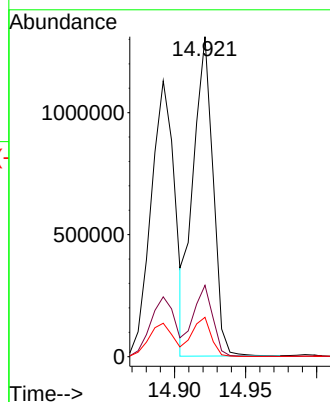
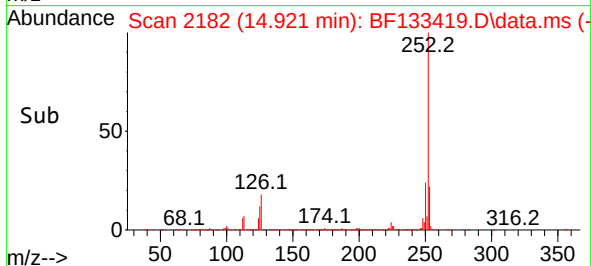
125 12.3 9.0 13.4

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: 44.952 ng

RT: 15.239 min Scan# 2236

Delta R.T. -0.006 min

Lab File: BF133419.D

Acq: 17 May 2023 18:17

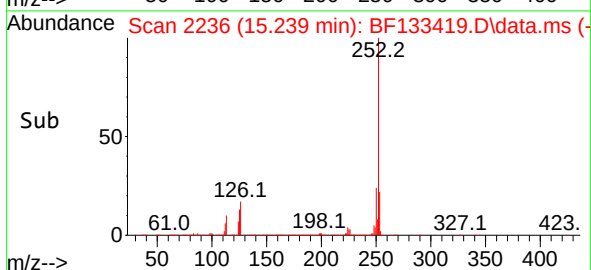
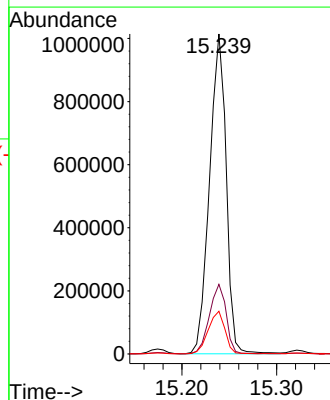
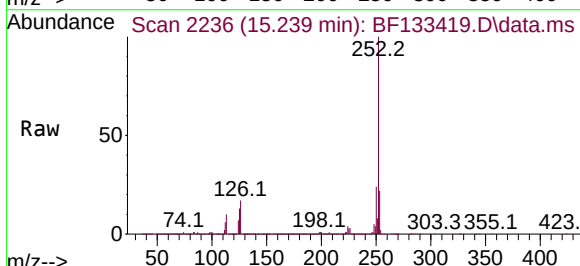
Tgt Ion:252 Resp: 1234515

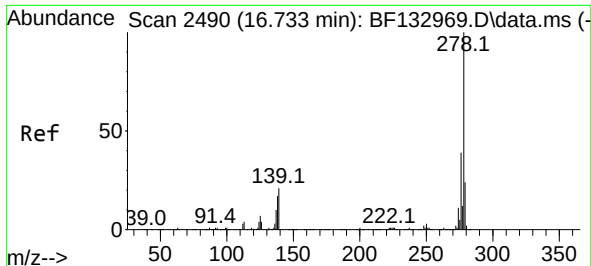
Ion Ratio Lower Upper

252 100

253 21.8 17.7 26.5

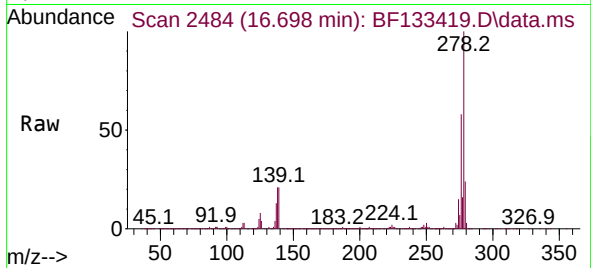
125 13.3 10.5 15.7





#91
Dibenzo(a,h)anthracene
Concen: 61.473 ng
RT: 16.698 min Scan# 2490
Delta R.T. -0.006 min
Lab File: BF133419.D
Acq: 17 May 2023 18:17

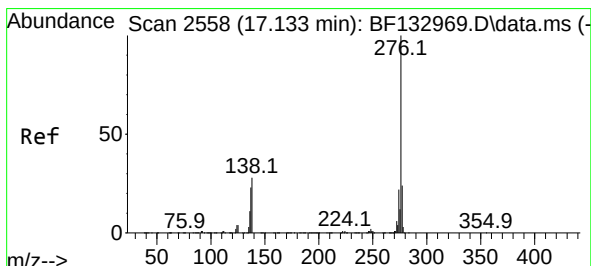
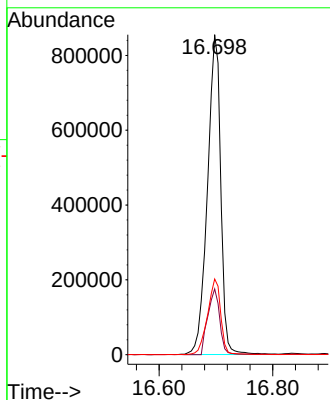
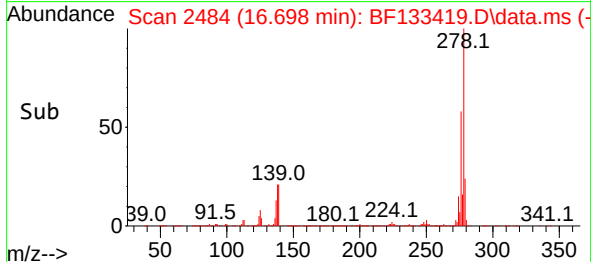
Instrument :
BNA_F
ClientSampleId :
WG-0516-B4-10-13MSD



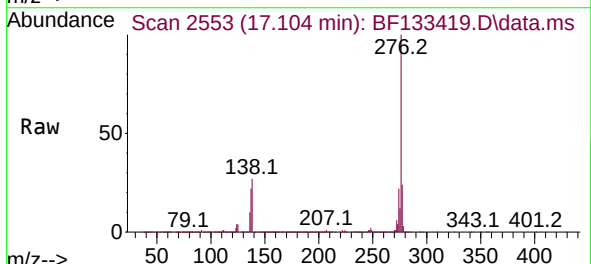
Tgt Ion:278 Resp: 138316
Ion Ratio Lower Upper
278 100
139 20.5 16.6 24.8
279 23.7 18.8 28.2

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: 61.351 ng
RT: 17.104 min Scan# 2553
Delta R.T. -0.006 min
Lab File: BF133419.D
Acq: 17 May 2023 18:17



Tgt Ion:276 Resp: 1362823
Ion Ratio Lower Upper
276 100
277 24.0 19.4 29.0
138 26.6 22.7 34.1

