

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090622\
 Data File : BF130137.D
 Acq On : 06 Sep 2022 14:53
 Operator : CG\JU
 Sample : PB147327BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB147327BS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 09/07/2022
 Supervised By : Jagrut Upadhyay 09/07/2022

Quant Time: Sep 07 02:11:17 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF083122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 07 02:05:07 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.698	152	230629	20.000	ng	0.00
21) Naphthalene-d8	7.981	136	977562	20.000	ng	0.00
39) Acenaphthene-d10	9.733	164	532797	20.000	ng	0.00
64) Phenanthrene-d10	11.210	188	914337	20.000	ng	# 0.00
76) Chrysene-d12	13.845	240	522868	20.000	ng	0.00
86) Perylene-d12	15.239	264	444790	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.310	112	1636202	120.440	ng	0.01
7) Phenol-d6	6.334	99	2126260	125.541	ng	0.00
23) Nitrobenzene-d5	7.269	82	1279377	84.108	ng	0.00
42) 2,4,6-Tribromophenol	10.522	330	668498	137.836	ng	0.00
45) 2-Fluorobiphenyl	9.057	172	2466230	76.744	ng	0.00
79) Terphenyl-d14	12.798	244	2730933	90.573	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.416	88	181668	28.614	ng	95
3) Pyridine	3.122	79	502025	29.488	ng	93
4) n-Nitrosodimethylamine	3.063	42	255453	38.155	ng	85
6) Aniline	6.363	93	775633	36.528	ng	# 50
8) 2-Chlorophenol	6.481	128	669973	44.932	ng	98
9) Benzaldehyde	6.245	77	320018	30.870	ng	99
10) Phenol	6.351	94	813411	42.489	ng	# 68
11) bis(2-Chloroethyl)ether	6.440	93	599392	41.208	ng	99
12) 1,3-Dichlorobenzene	6.640	146	635375	38.439	ng	95
13) 1,4-Dichlorobenzene	6.716	146	654795	39.327	ng	97
14) 1,2-Dichlorobenzene	6.869	146	626466	41.391	ng	97
15) Benzyl Alcohol	6.845	79	518551	45.424	ng	93
16) 2,2'-oxybis(1-Chloropr...	6.981	45	779191	39.416	ng	# 52
17) 2-Methylphenol	6.957	107	539038	42.968	ng	# 87
18) Hexachloroethane	7.210	117	234008	38.921	ng	95
19) n-Nitroso-di-n-propyla...	7.122	70	424576	41.611	ng	92
20) 3+4-Methylphenols	7.110	107	626223	42.567	ng	# 73
22) Acetophenone	7.116	105	843487	38.621	ng	# 98
24) Nitrobenzene	7.287	77	634973	39.251	ng	98
25) Isophorone	7.528	82	1270849	41.278	ng	98
26) 2-Nitrophenol	7.598	139	307859	41.057	ng	95
27) 2,4-Dimethylphenol	7.639	122	596651	46.186	ng	98
28) bis(2-Chloroethoxy)met...	7.739	93	775927	41.956	ng	98
29) 2,4-Dichlorophenol	7.839	162	565496	40.924	ng	98
30) 1,2,4-Trichlorobenzene	7.922	180	538343	36.949	ng	99
31) Naphthalene	8.004	128	1841160	37.343	ng	99
32) Benzoic acid	7.775	122	418830	40.843	ng	100
33) 4-Chloroaniline	8.051	127	629629	31.609	ng	99
34) Hexachlorobutadiene	8.122	225	303007	36.312	ng	98
35) Caprolactam	8.434	113	192436m	44.940	ng	
36) 4-Chloro-3-methylphenol	8.539	107	616467	44.088	ng	94
37) 2-Methylnaphthalene	8.692	142	1243668	39.159	ng	98
38) 1-Methylnaphthalene	8.792	142	1193473	38.661	ng	99
40) 1,2,4,5-Tetrachloroben...	8.857	216	523997	37.716	ng	98
41) Hexachlorocyclopentadiene	8.845	237	608560	83.815	ng	98
43) 2,4,6-Trichlorophenol	8.969	196	409510	41.294	ng	96

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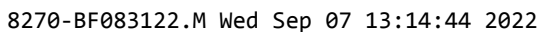
Quant Time: Sep 07 02:11:17 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF083122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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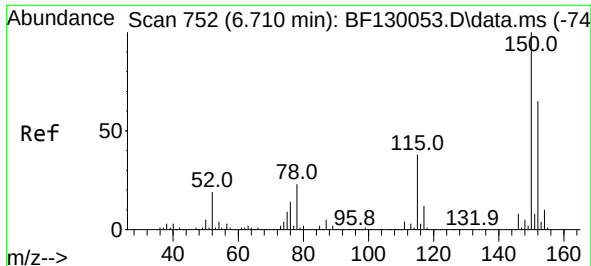
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.010	196	433377	40.318	ng	96
46) 1,1'-Biphenyl	9.157	154	1512482	39.074	ng	99
47) 2-Chloronaphthalene	9.181	162	1191560	38.420	ng	100
48) 2-Nitroaniline	9.281	65	362913	47.485	ng	89
49) Acenaphthylene	9.592	152	1864849	39.597	ng	100
50) Dimethylphthalate	9.469	163	1472471	40.575	ng	100
51) 2,6-Dinitrotoluene	9.522	165	324275	45.831	ng	99
52) Acenaphthene	9.769	154	1284834m	43.288	ng	
53) 3-Nitroaniline	9.692	138	293430	36.132	ng	98
54) 2,4-Dinitrophenol	9.798	184	300279	92.117	ng	90
55) Dibenzofuran	9.939	168	1685598	39.660	ng	99
56) 4-Nitrophenol	9.857	139	604494	96.548	ng	93
57) 2,4-Dinitrotoluene	9.928	165	419308	51.474	ng	# 86
58) Fluorene	10.280	166	1253709	38.768	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.051	232	343856	41.188	ng	# 78
60) Diethylphthalate	10.163	149	1428284	40.683	ng	99
61) 4-Chlorophenyl-phenyle...	10.275	204	572821	40.070	ng	100
62) 4-Nitroaniline	10.310	138	372454	47.157	ng	96
63) Azobenzene	10.433	77	1365172	39.494	ng	96
65) 4,6-Dinitro-2-methylph...	10.328	198	188349	44.293	ng	95
66) n-Nitrosodiphenylamine	10.398	169	1211792	39.646	ng	99
67) 4-Bromophenyl-phenylether	10.763	248	406205	39.941	ng	96
68) Hexachlorobenzene	10.822	284	455605	41.113	ng	92
69) Atrazine	10.927	200	398719	46.110	ng	98
70) Pentachlorophenol	11.016	266	530439	85.599	ng	96
71) Phenanthrene	11.239	178	1922556	38.772	ng	98
72) Anthracene	11.292	178	1962358	40.258	ng	99
73) Carbazole	11.445	167	1879742	41.818	ng	99
74) Di-n-butylphthalate	11.780	149	2147129	39.613	ng	100
75) Fluoranthene	12.422	202	1988912	40.449	ng	98
77) Benzidine	12.545	184	858222	60.794	ng	99
78) Pyrene	12.651	202	1983406	42.291	ng	99
80) Butylbenzylphthalate	13.274	149	767849	41.163	ng	100
81) Benzo(a)anthracene	13.827	228	1439254	40.166	ng	99
82) 3,3'-Dichlorobenzidine	13.798	252	420365	37.619	ng	99
83) Chrysene	13.868	228	1356451	38.396	ng	99
84) Bis(2-ethylhexyl)phtha...	13.833	149	765959	33.034	ng	100
85) Di-n-octyl phthalate	14.445	149	1201790	32.812	ng	98
87) Indeno(1,2,3-cd)pyrene	16.586	276	1402744	47.809	ng	97
88) Benzo(b)fluoranthene	14.845	252	1281489	43.204	ng	99
89) Benzo(k)fluoranthene	14.874	252	1198356	41.773	ng	98
90) Benzo(a)pyrene	15.180	252	1086053	46.079	ng	97
91) Dibenzo(a,h)anthracene	16.604	278	1198170	49.907	ng	96
92) Benzo(g,h,i)perylene	16.992	276	1248160	51.963	ng	# 94

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

Manual Integrations APPROVED

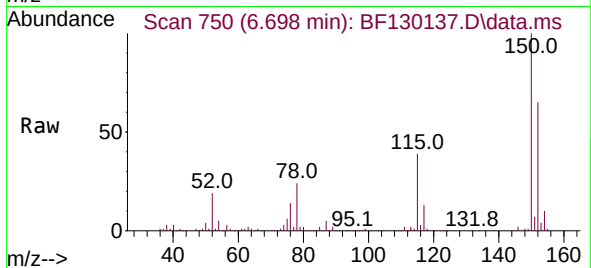
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#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.698 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: BF130137.D
 Acq: 06 Sep 2022 14:53

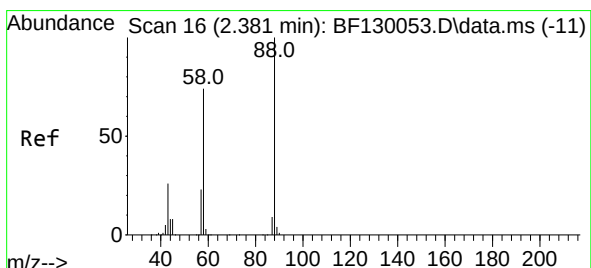
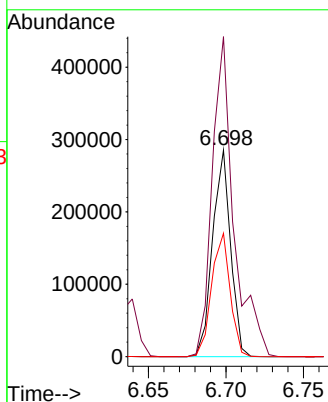
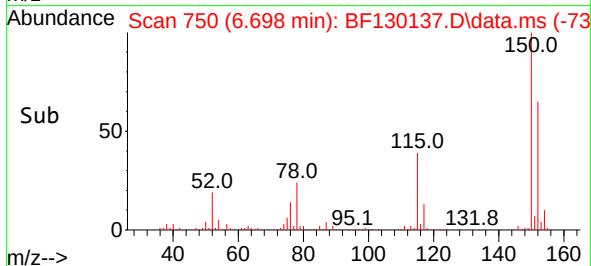
Instrument :
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 PB147327BS



Tgt Ion:152 Resp: 230629
 Ion Ratio Lower Upper
 152 100
 150 155.0 126.9 190.3
 115 59.7 53.4 80.0

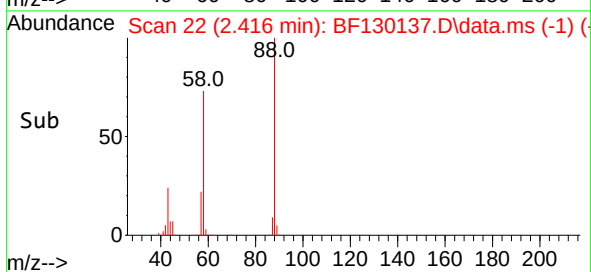
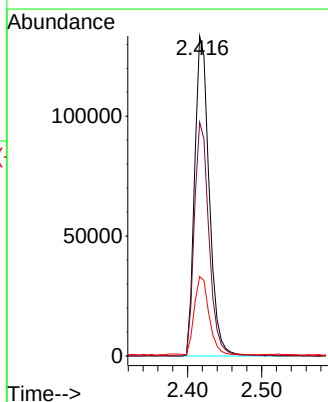
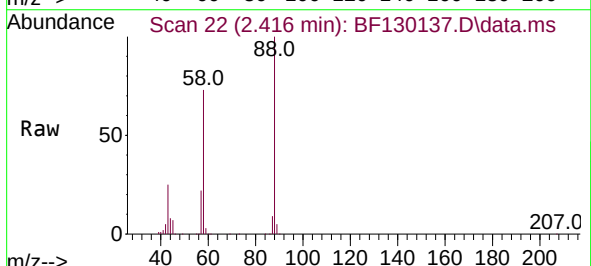
Manual Integrations
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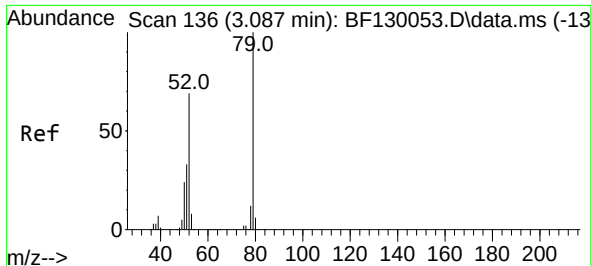
Reviewed By :Christian Giraldo 09/07/2022
 Supervised By :Jagrut Upadhyay 09/07/2022



#2
 1,4-Dioxane
 Concen: 28.614 ng
 RT: 2.416 min Scan# 22
 Delta R.T. 0.076 min
 Lab File: BF130137.D
 Acq: 06 Sep 2022 14:53

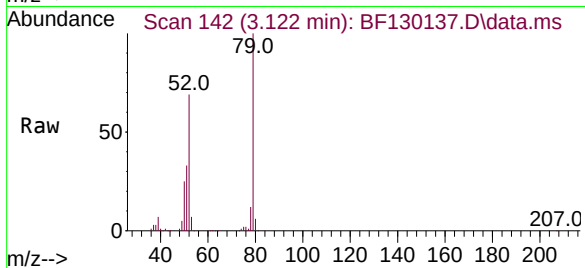
Tgt Ion: 88 Resp: 181668
 Ion Ratio Lower Upper
 88 100
 58 73.5 60.9 91.3
 43 24.9 23.6 35.4





#3
Pyridine
Concen: 29.488 ng
RT: 3.122 min Scan# 14
Delta R.T. 0.082 min
Lab File: BF130137.D
Acq: 06 Sep 2022 14:53

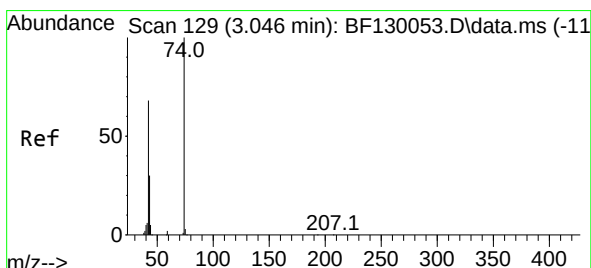
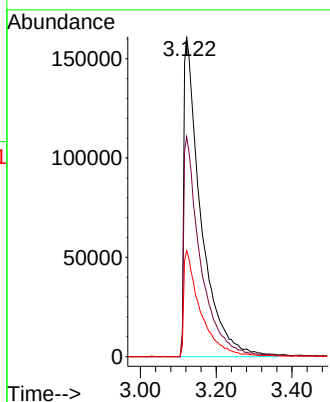
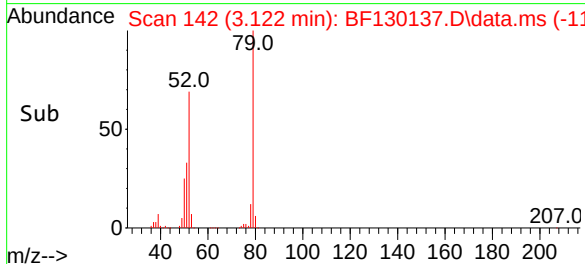
Instrument :
BNA_F
ClientSampleId :
PB147327BS



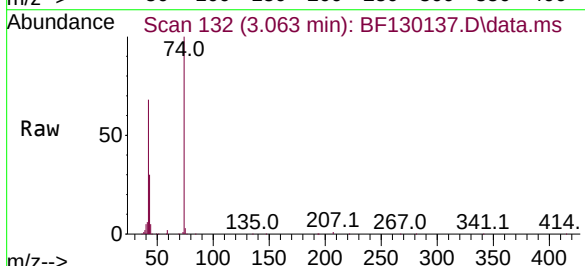
Tgt Ion: 79 Resp: 502025
Ion Ratio Lower Upper
79 100
52 68.7 59.4 89.2
51 33.1 29.5 44.3

Manual Integrations
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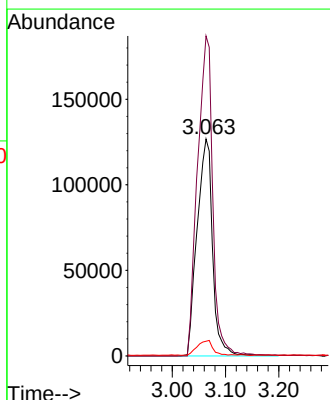
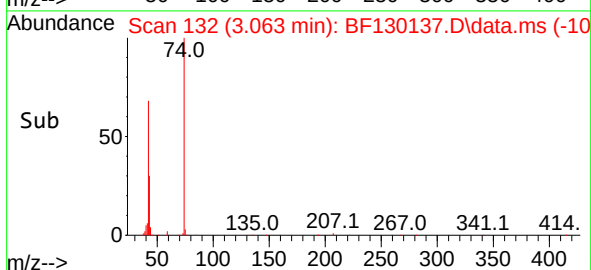
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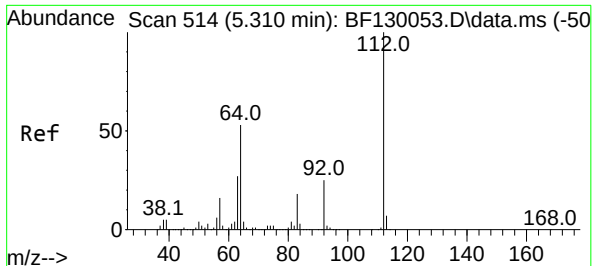


#4
n-Nitrosodimethylamine
Concen: 38.155 ng
RT: 3.063 min Scan# 132
Delta R.T. 0.065 min
Lab File: BF130137.D
Acq: 06 Sep 2022 14:53



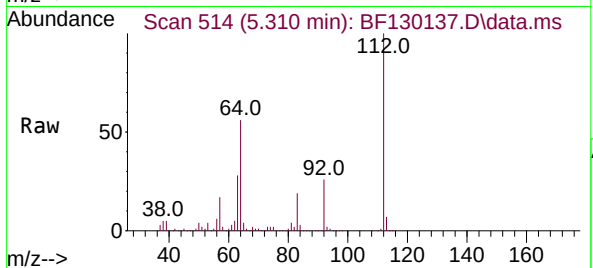
Tgt Ion: 42 Resp: 255453
Ion Ratio Lower Upper
42 100
74 147.6 103.1 154.7
44 6.8 5.4 8.2





#5
2-Fluorophenol
Concen: 120.440 ng
RT: 5.310 min Scan# 514
Delta R.T. 0.012 min
Lab File: BF130137.D
Acq: 06 Sep 2022 14:53

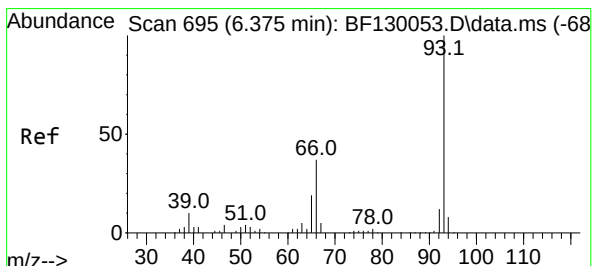
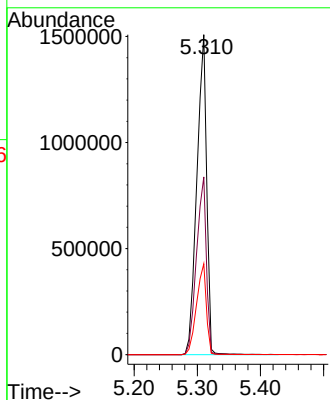
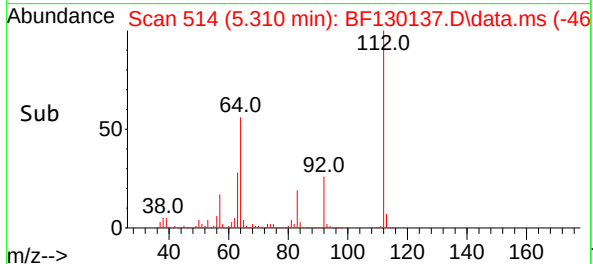
Instrument :
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Tgt Ion:112 Resp: 1636202
Ion Ratio Lower Upper
112 100
64 55.5 47.6 71.4
63 28.4 24.6 37.0

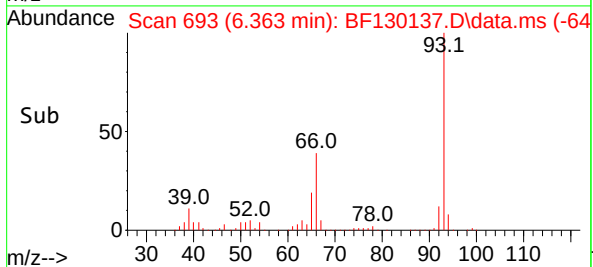
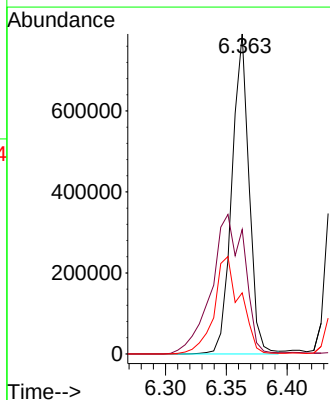
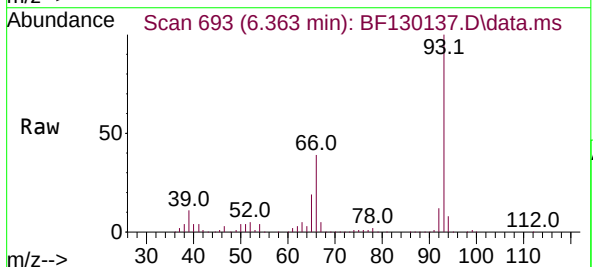
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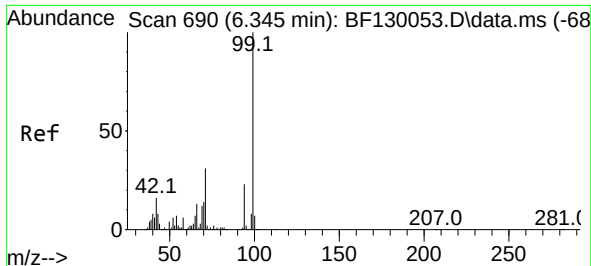
Reviewed By :Christian Giraldo 09/07/2022
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#6
Aniline
Concen: 36.528 ng
RT: 6.363 min Scan# 693
Delta R.T. -0.000 min
Lab File: BF130137.D
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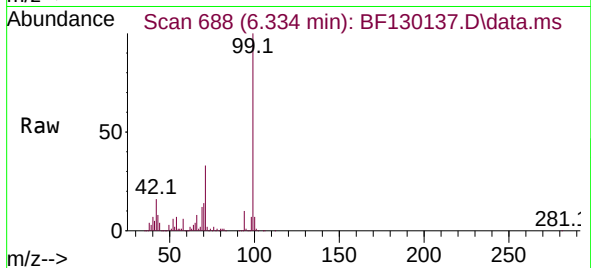
Tgt Ion: 93 Resp: 775633
Ion Ratio Lower Upper
93 100
66 38.9 68.7 103.1#
65 19.1 41.6 62.4#





#7
Phenol-d6
Concen: 125.541 ng
RT: 6.334 min Scan# 688
Delta R.T. -0.000 min
Lab File: BF130137.D
Acq: 06 Sep 2022 14:53

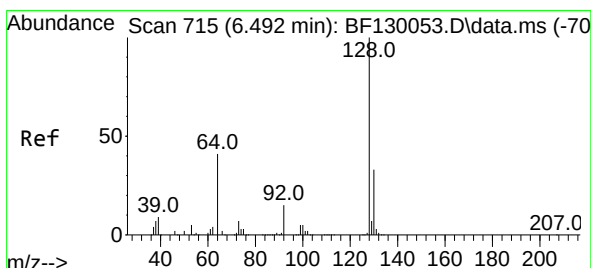
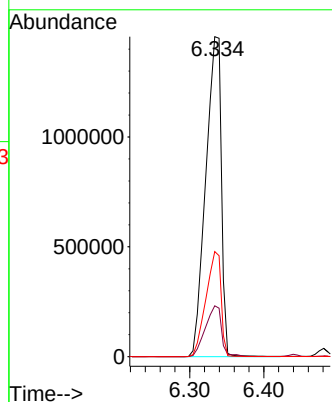
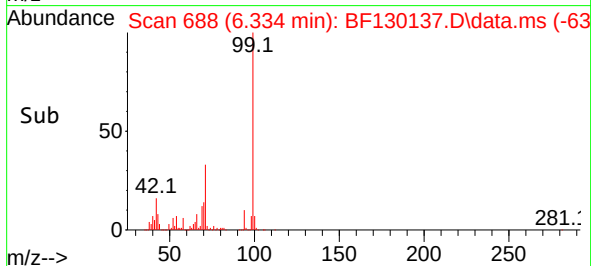
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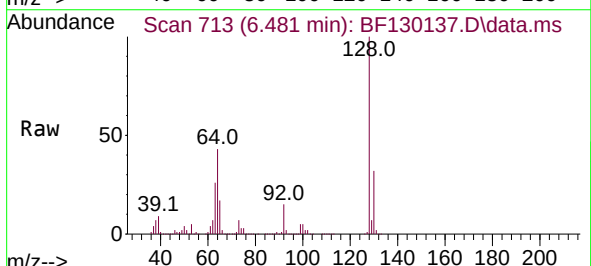
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Ion Ratio Lower Upper
99 100
42 15.9 15.0 22.4
71 32.8 28.8 43.2

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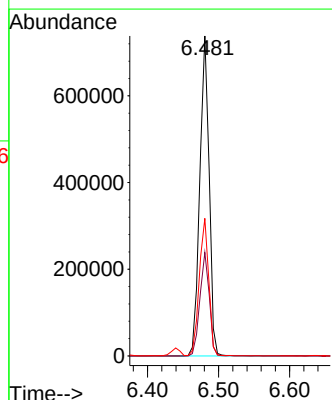
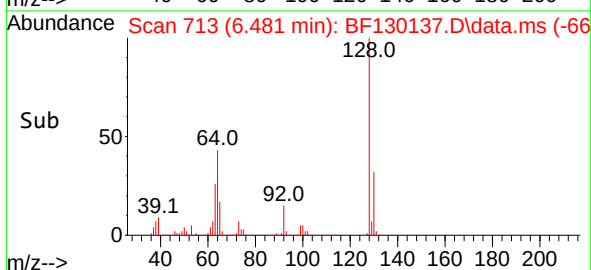
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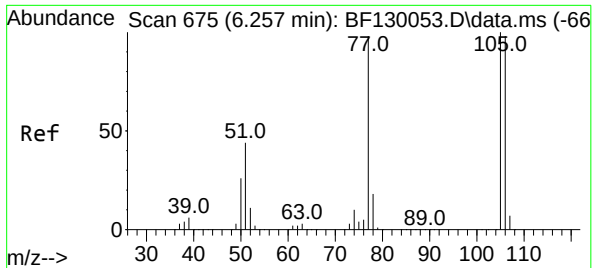


#8
2-Chlorophenol
Concen: 44.932 ng
RT: 6.481 min Scan# 713
Delta R.T. -0.000 min
Lab File: BF130137.D
Acq: 06 Sep 2022 14:53



Tgt Ion:128 Resp: 669973
Ion Ratio Lower Upper
128 100
130 32.3 12.5 52.5
64 43.0 24.9 64.9





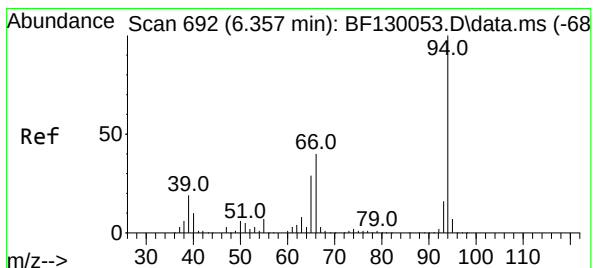
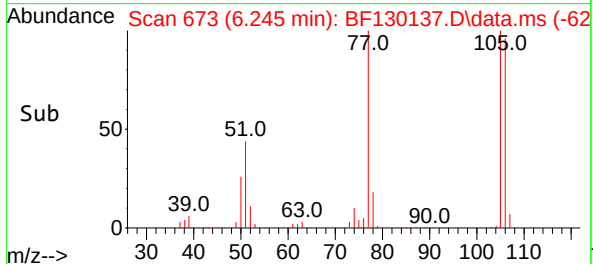
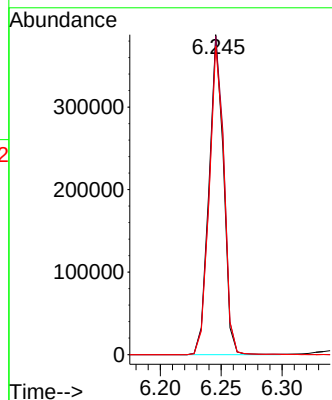
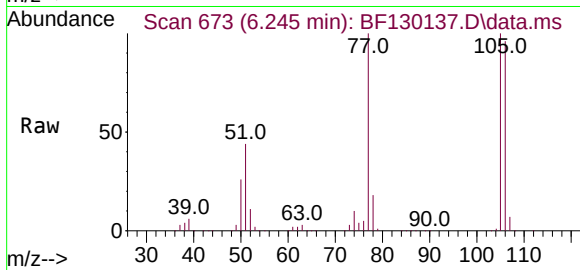
#9
Benzaldehyde
Concen: 30.870 ng
RT: 6.245 min Scan# 61
Delta R.T. -0.006 min
Lab File: BF130137.D
Acq: 06 Sep 2022 14:53

Instrument :
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PB147327BS

Tgt Ion: 77 Resp: 320018
Ion Ratio Lower Upper
77 100
105 99.6 80.3 120.3
106 96.4 74.3 114.3

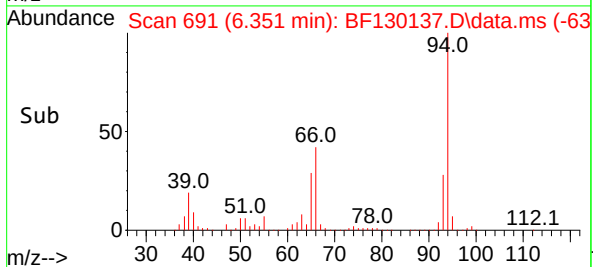
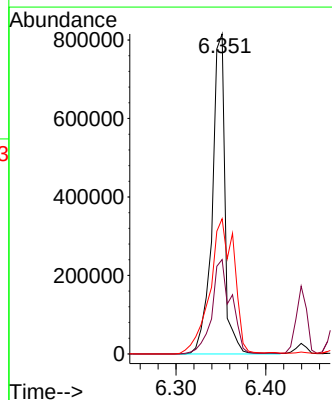
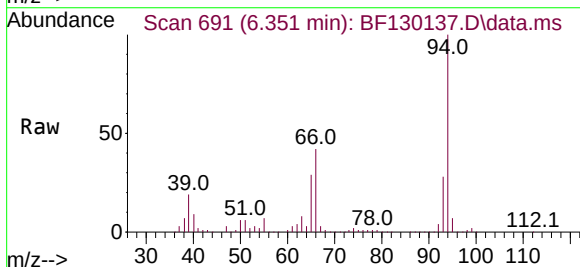
Manual Integrations
APPROVED

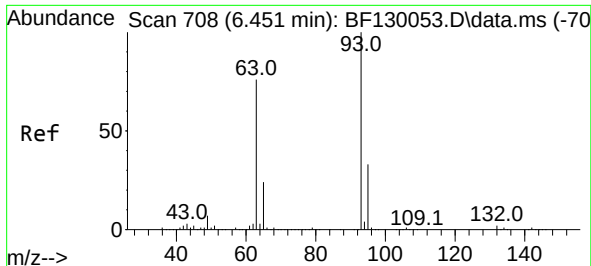
Reviewed By :Christian Giraldo 09/07/2022
Supervised By :Jagrut Upadhyay 09/07/2022



#10
Phenol
Concen: 42.489 ng
RT: 6.351 min Scan# 691
Delta R.T. 0.006 min
Lab File: BF130137.D
Acq: 06 Sep 2022 14:53

Tgt Ion: 94 Resp: 813411
Ion Ratio Lower Upper
94 100
65 29.5 24.9 64.9
66 42.2 54.2 94.2#





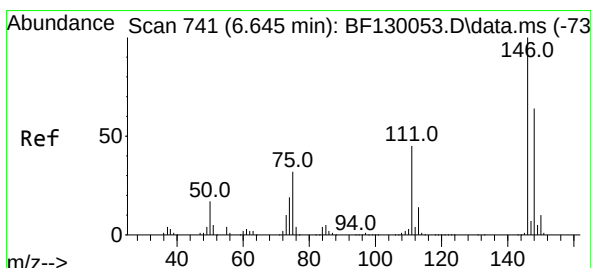
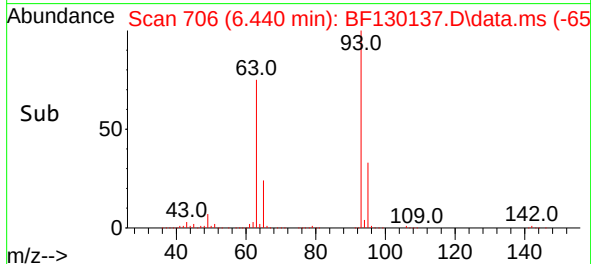
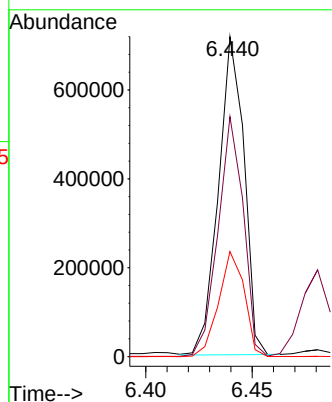
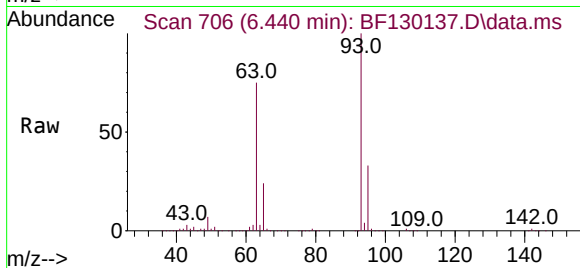
#11
bis(2-Chloroethyl)ether
Concen: 41.208 ng
RT: 6.440 min Scan# 708
Delta R.T. -0.006 min
Lab File: BF130137.D
Acq: 06 Sep 2022 14:53

Instrument :
BNA_F
Client Sample Id :
PB147327BS

Tgt Ion: 93 Resp: 599392
Ion Ratio Lower Upper
93 100
63 75.0 55.9 95.9
95 32.8 12.3 52.3

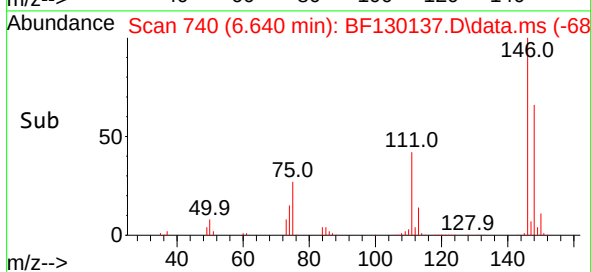
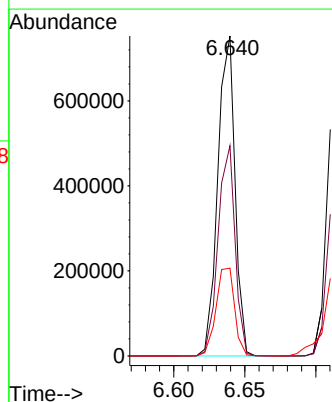
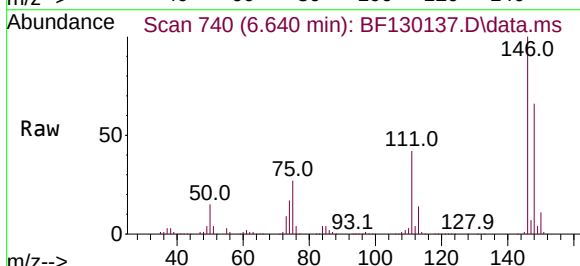
Manual Integrations
APPROVED

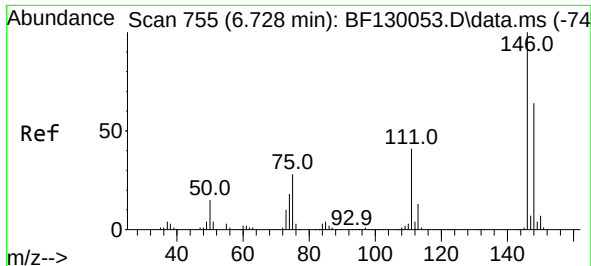
Reviewed By :Christian Giraldo 09/07/2022
Supervised By :Jagrut Upadhyay 09/07/2022



#12
1,3-Dichlorobenzene
Concen: 38.439 ng
RT: 6.640 min Scan# 740
Delta R.T. -0.000 min
Lab File: BF130137.D
Acq: 06 Sep 2022 14:53

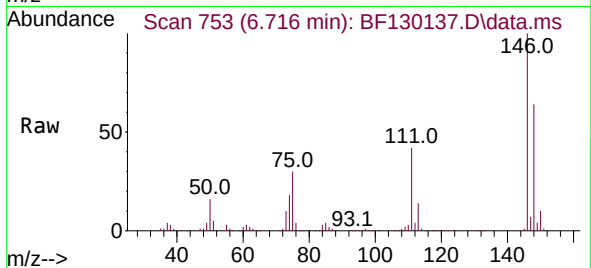
Tgt Ion:146 Resp: 635375
Ion Ratio Lower Upper
146 100
148 65.7 51.2 76.8
75 27.4 26.5 39.7





#13
1,4-Dichlorobenzene
Concen: 39.327 ng
RT: 6.716 min Scan# 711
Delta R.T. -0.000 min
Lab File: BF130137.D
Acq: 06 Sep 2022 14:53

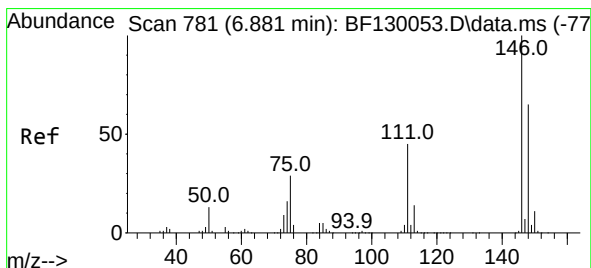
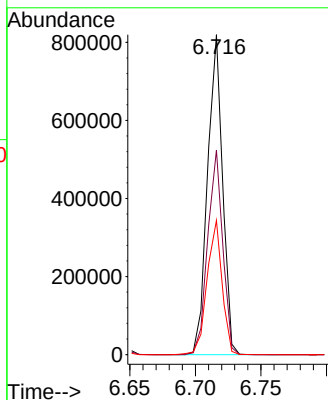
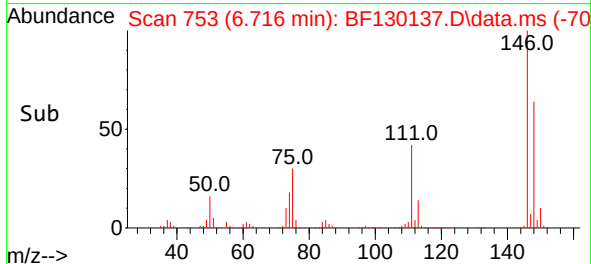
Instrument :
BNA_F
ClientSampleId :
PB147327BS



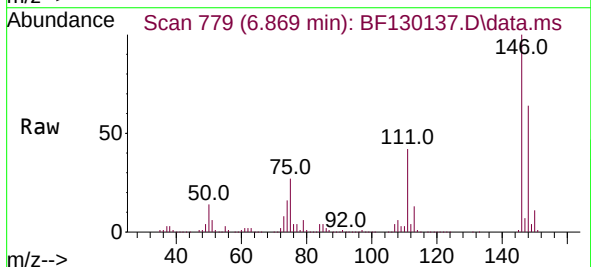
Tgt Ion:146 Resp: 654795
Ion Ratio Lower Upper
146 100
148 63.9 50.6 75.8
111 41.9 36.2 54.4

Manual Integrations
APPROVED

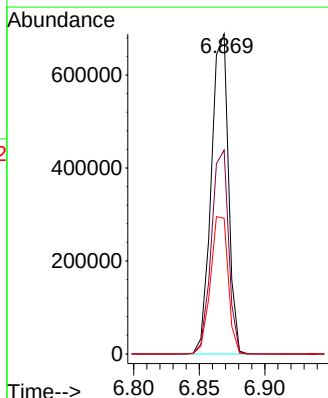
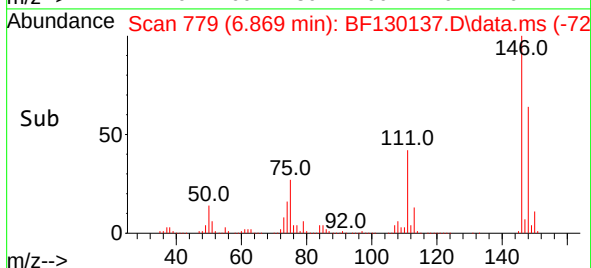
Reviewed By :Christian Giraldo 09/07/2022
Supervised By :Jagrut Upadhyay 09/07/2022

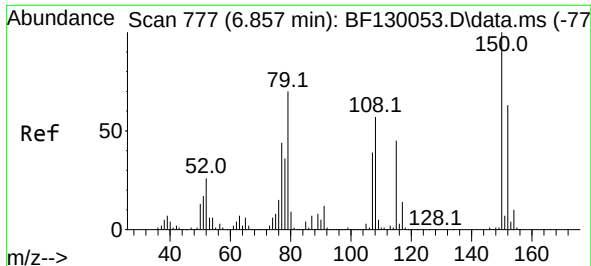


#14
1,2-Dichlorobenzene
Concen: 41.391 ng
RT: 6.869 min Scan# 779
Delta R.T. -0.000 min
Lab File: BF130137.D
Acq: 06 Sep 2022 14:53



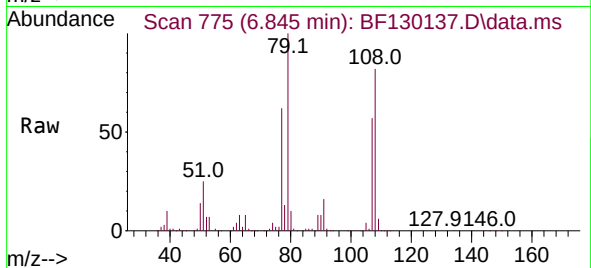
Tgt Ion:146 Resp: 626466
Ion Ratio Lower Upper
146 100
148 63.7 51.8 77.6
111 42.4 37.2 55.8





#15
Benzyl Alcohol
Concen: 45.424 ng
RT: 6.845 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF130137.D
Acq: 06 Sep 2022 14:53

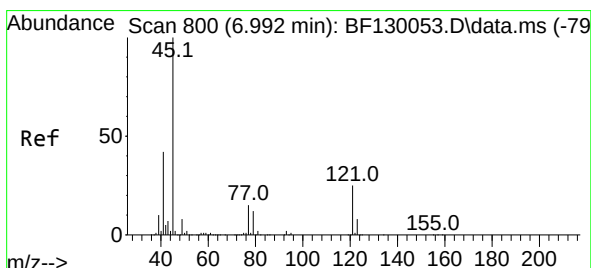
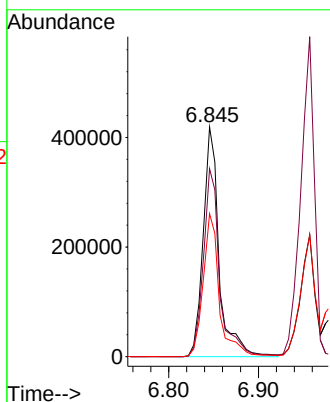
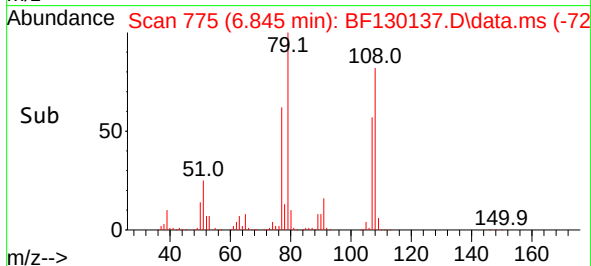
Instrument :
BNA_F
ClientSampleId :
PB147327BS



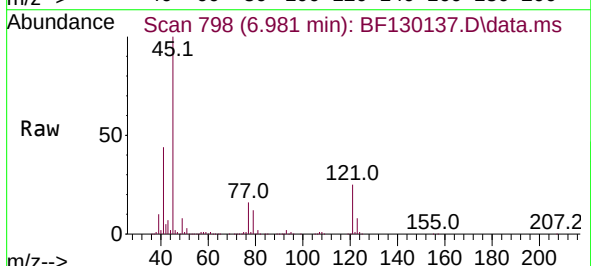
Tgt Ion: 79 Resp: 51855
Ion Ratio Lower Upper
79 100
108 81.9 59.2 88.8
77 62.2 51.9 77.9

Manual Integrations
APPROVED

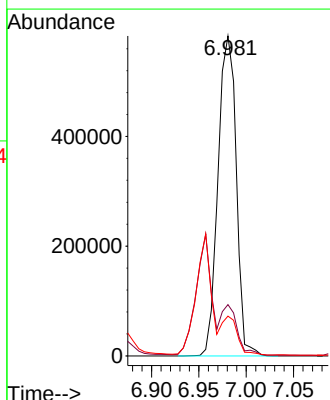
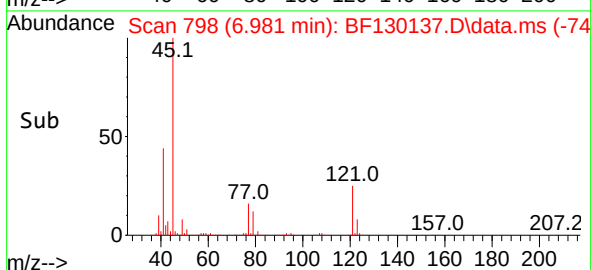
Reviewed By :Christian Giraldo 09/07/2022
Supervised By :Jagrut Upadhyay 09/07/2022

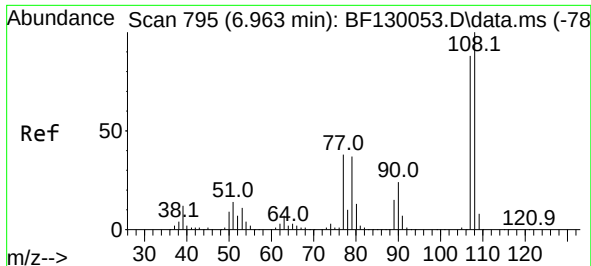


#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.416 ng
RT: 6.981 min Scan# 798
Delta R.T. -0.000 min
Lab File: BF130137.D
Acq: 06 Sep 2022 14:53



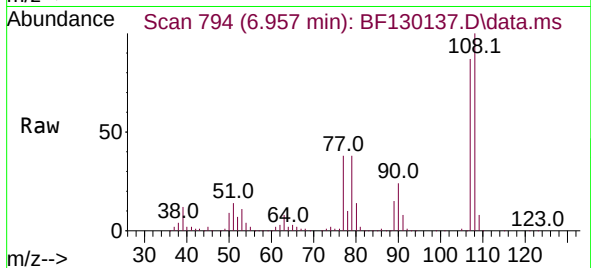
Tgt Ion: 45 Resp: 779191
Ion Ratio Lower Upper
45 100
77 16.0 27.4 67.4#
79 12.4 24.4 64.4#





#17
2-Methylphenol
Concen: 42.968 ng
RT: 6.957 min Scan# 795
Delta R.T. -0.000 min
Lab File: BF130137.D
Acq: 06 Sep 2022 14:53

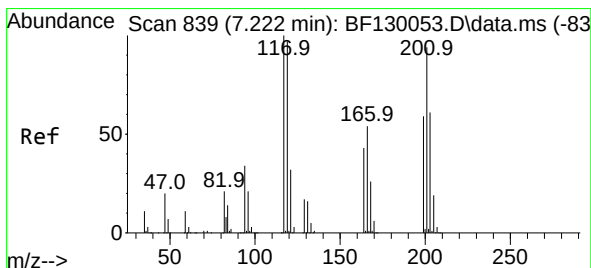
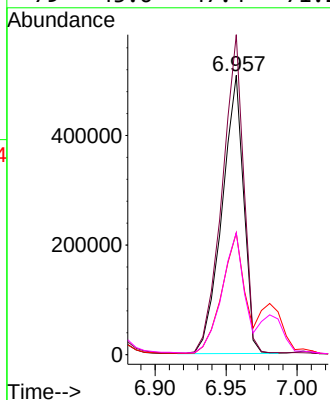
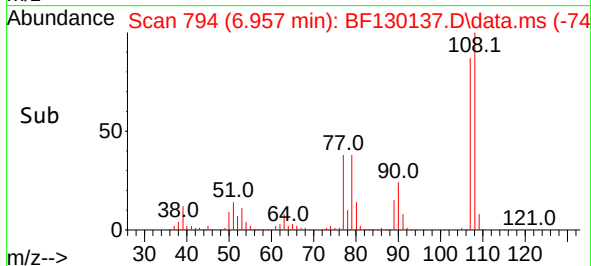
Instrument :
BNA_F
ClientSampleId :
PB147327BS



Tgt Ion:107 Resp: 539038
Ion Ratio Lower Upper
107 100
108 114.5 90.2 135.2
77 43.5 51.8 77.8
79 43.6 47.4 71.2

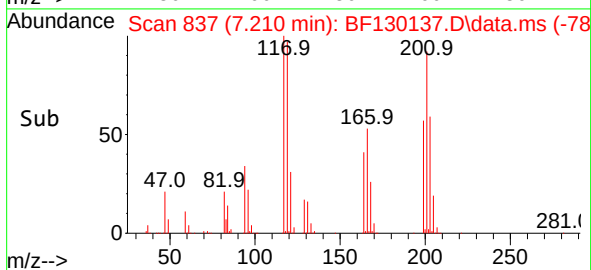
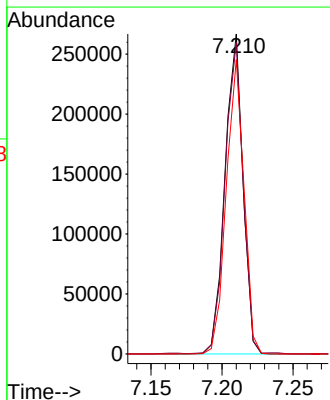
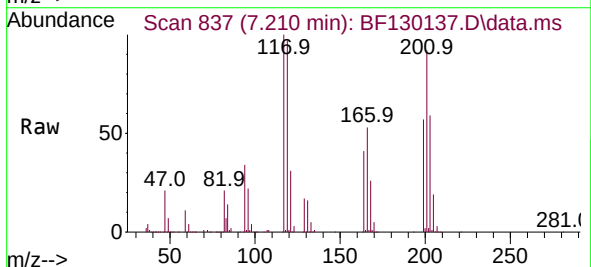
Manual Integrations
APPROVED

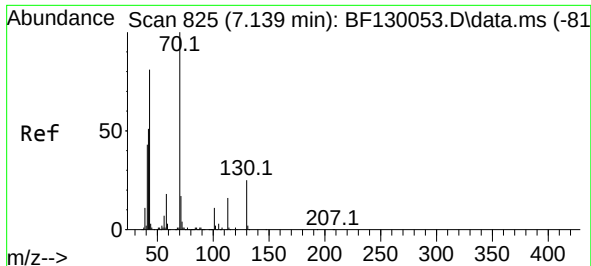
Reviewed By :Christian Giraldo 09/07/2022
Supervised By :Jagrut Upadhyay 09/07/2022



#18
Hexachloroethane
Concen: 38.921 ng
RT: 7.210 min Scan# 837
Delta R.T. -0.000 min
Lab File: BF130137.D
Acq: 06 Sep 2022 14:53

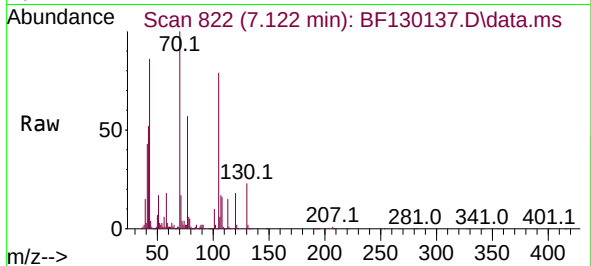
Tgt Ion:117 Resp: 234008
Ion Ratio Lower Upper
117 100
119 97.3 79.1 118.7
201 92.0 66.6 100.0





#19
n-Nitroso-di-n-propylamine
Concen: 41.611 ng
RT: 7.122 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF130137.D
Acq: 06 Sep 2022 14:53

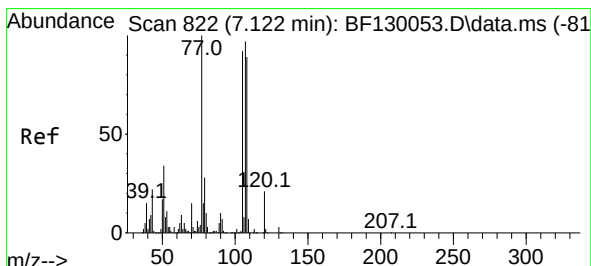
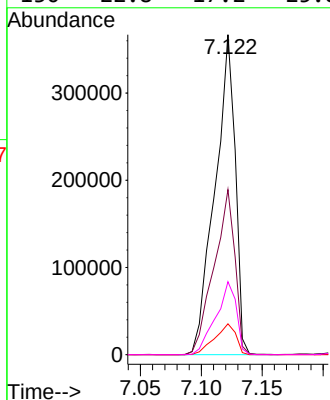
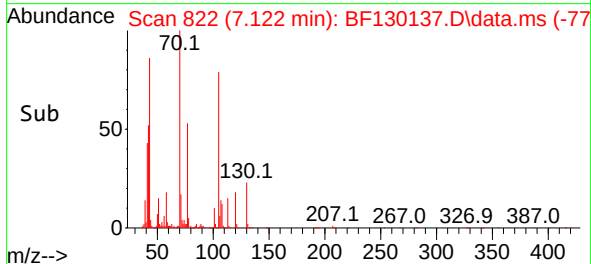
Instrument :
BNA_F
ClientSampleId :
PB147327BS



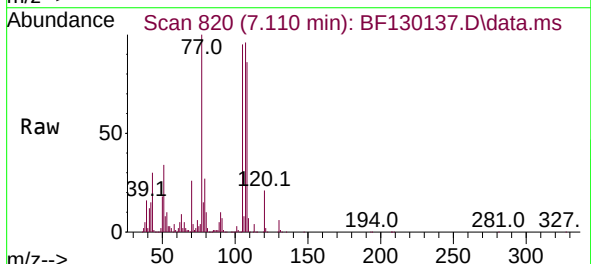
Tgt Ion: 70 Resp: 424576
Ion Ratio Lower Upper
70 100
42 51.6 47.6 71.4
101 9.6 8.1 12.1
130 22.8 17.2 25.8

Manual Integrations
APPROVED

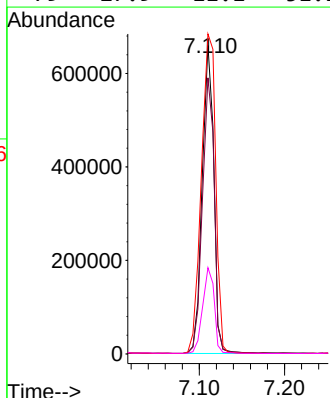
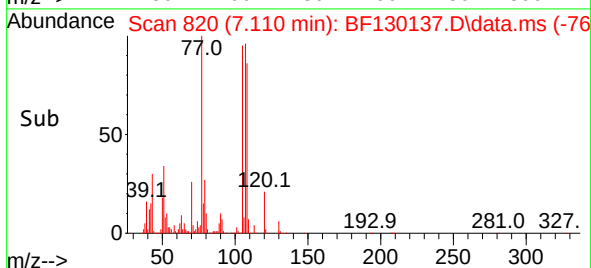
Reviewed By :Christian Giraldo 09/07/2022
Supervised By :Jagrut Upadhyay 09/07/2022

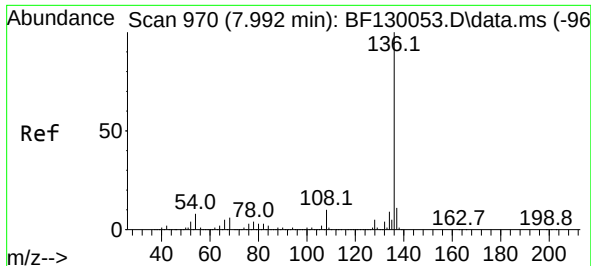


#20
3+4-Methylphenols
Concen: 42.567 ng
RT: 7.110 min Scan# 820
Delta R.T. -0.000 min
Lab File: BF130137.D
Acq: 06 Sep 2022 14:53



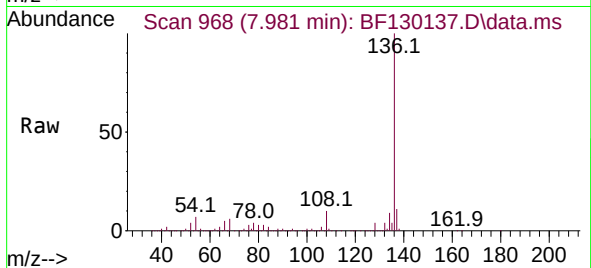
Tgt Ion:107 Resp: 626223
Ion Ratio Lower Upper
107 100
108 89.5 71.3 111.3
77 103.8 20.4 60.4#
79 27.9 11.1 51.1





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.981 min Scan# 90
Delta R.T. -0.000 min
Lab File: BF130137.D
Acq: 06 Sep 2022 14:53

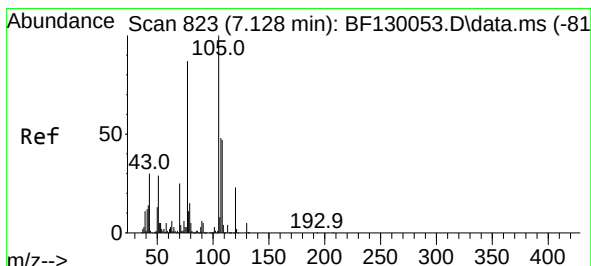
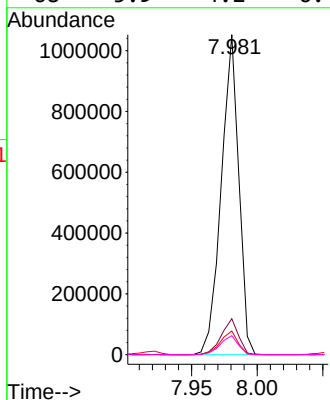
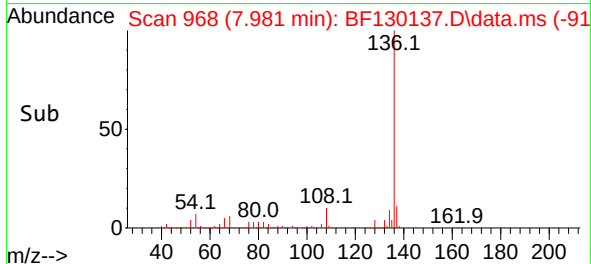
Instrument :
BNA_F
ClientSampleId :
PB147327BS



Tgt Ion:136 Resp: 977562
Ion Ratio Lower Upper
136 100
137 11.2 8.4 12.6
54 7.4 6.2 9.2
68 5.9 4.2 6.4

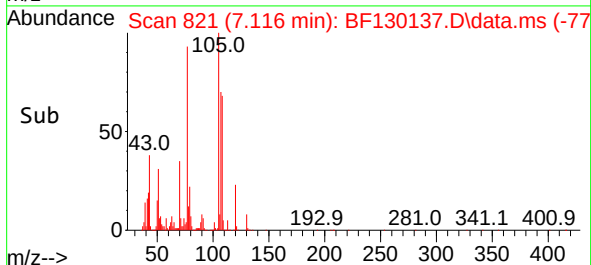
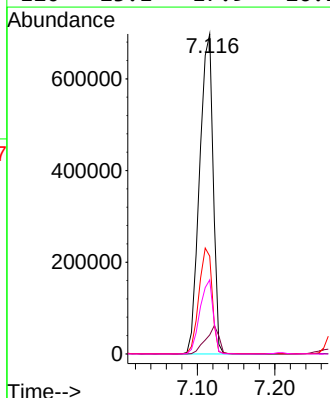
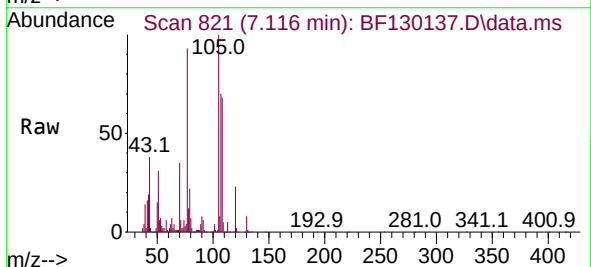
Manual Integrations
APPROVED

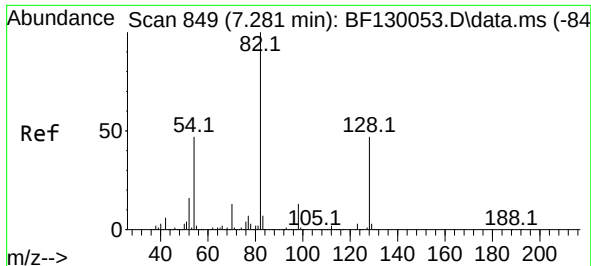
Reviewed By :Christian Giraldo 09/07/2022
Supervised By :Jagrut Upadhyay 09/07/2022



#22
Acetophenone
Concen: 38.621 ng
RT: 7.116 min Scan# 821
Delta R.T. -0.000 min
Lab File: BF130137.D
Acq: 06 Sep 2022 14:53

Tgt Ion:105 Resp: 843487
Ion Ratio Lower Upper
105 100
71 5.9 6.6 9.8#
51 30.5 23.8 35.8
120 23.1 17.9 26.9





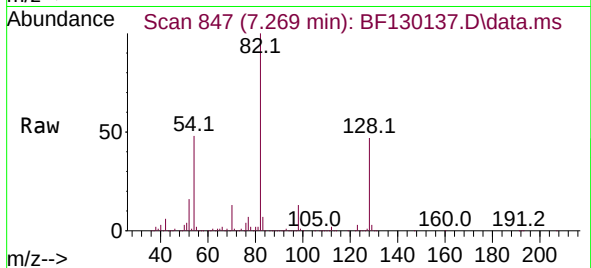
#23
Nitrobenzene-d5
Concen: 84.108 ng
RT: 7.269 min Scan# 84
Delta R.T. -0.000 min
Lab File: BF130137.D
Acq: 06 Sep 2022 14:53

Instrument :

BNA_F

ClientSampleId :

PB147327BS

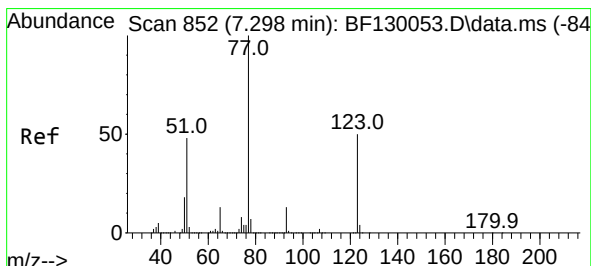
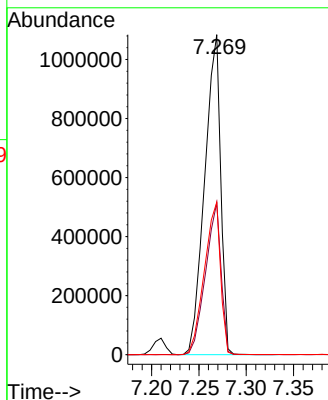
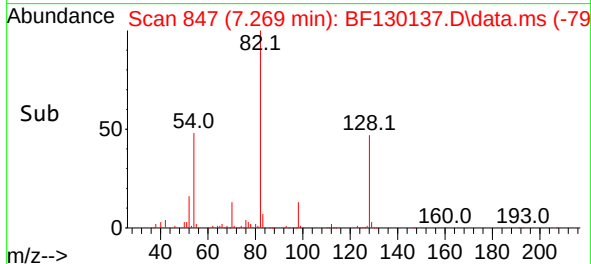


Tgt Ion: 82 Resp: 127937
Ion Ratio Lower Upper
82 100
128 47.5 36.1 54.1
54 47.6 40.0 60.0

Manual Integrations

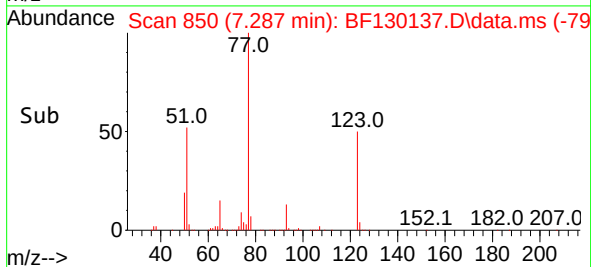
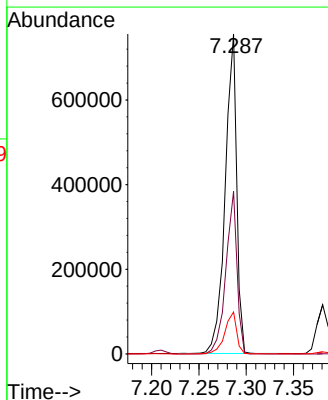
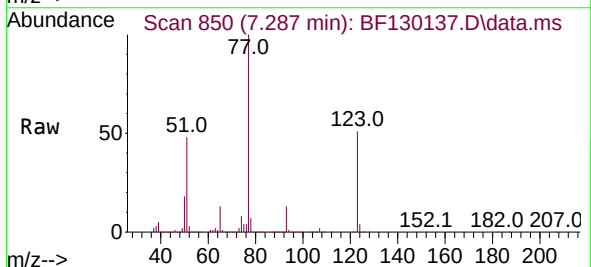
APPROVED

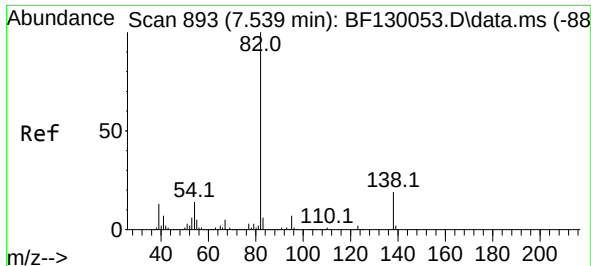
Reviewed By :Christian Giraldo 09/07/2022
Supervised By :Jagrut Upadhyay 09/07/2022



#24
Nitrobenzene
Concen: 39.251 ng
RT: 7.287 min Scan# 850
Delta R.T. -0.000 min
Lab File: BF130137.D
Acq: 06 Sep 2022 14:53

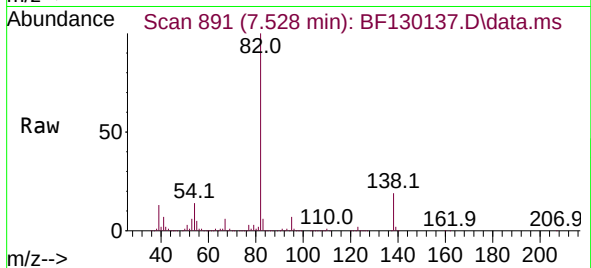
Tgt Ion: 77 Resp: 634973
Ion Ratio Lower Upper
77 100
123 50.8 39.2 58.8
65 13.1 11.1 16.7





#25
Isophorone
Concen: 41.278 ng
RT: 7.528 min Scan# 891
Delta R.T. -0.000 min
Lab File: BF130137.D
Acq: 06 Sep 2022 14:53

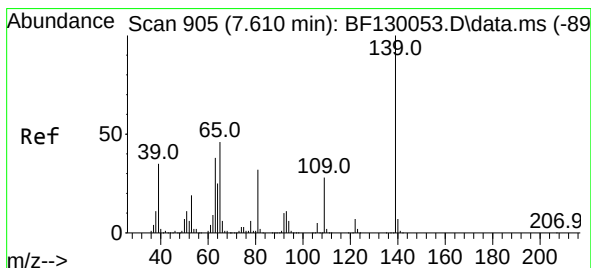
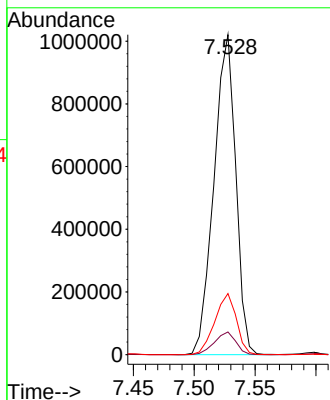
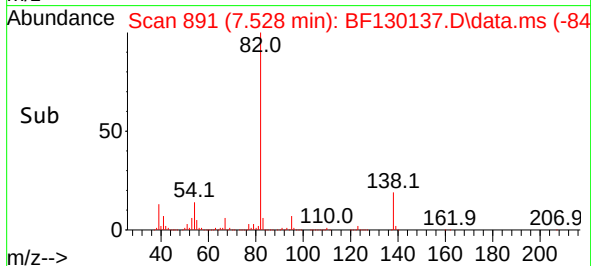
Instrument :
BNA_F
ClientSampleId :
PB147327BS



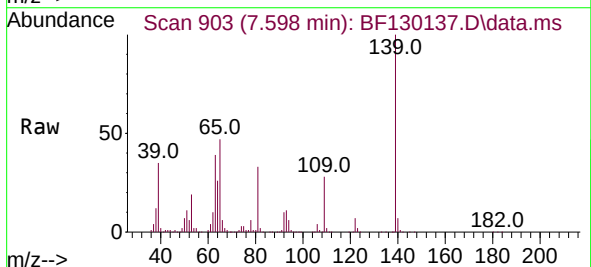
Tgt Ion: 82 Resp: 1270849
Ion Ratio Lower Upper
82 100
95 7.1 5.9 8.9
138 19.1 14.6 21.8

Manual Integrations
APPROVED

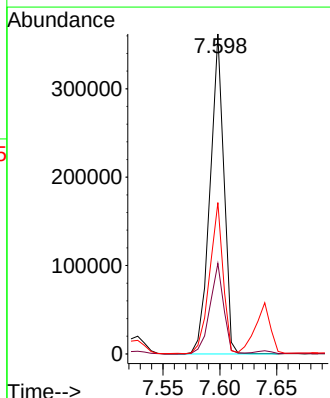
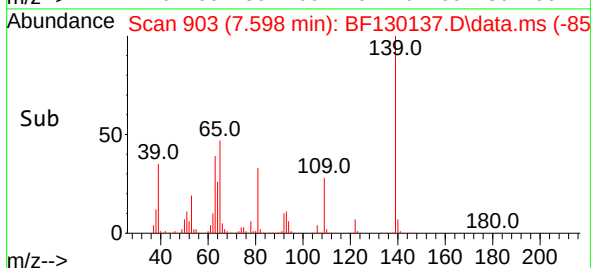
Reviewed By :Christian Giraldo 09/07/2022
Supervised By :Jagrut Upadhyay 09/07/2022

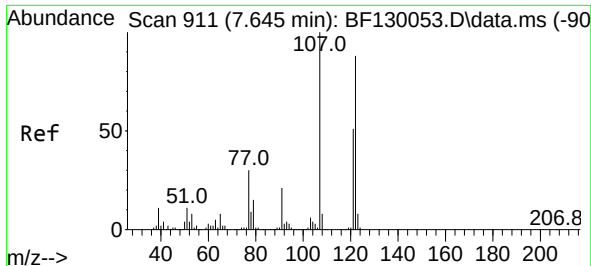


#26
2-Nitrophenol
Concen: 41.057 ng
RT: 7.598 min Scan# 903
Delta R.T. -0.000 min
Lab File: BF130137.D
Acq: 06 Sep 2022 14:53



Tgt Ion:139 Resp: 307859
Ion Ratio Lower Upper
139 100
109 28.3 24.4 36.6
65 47.3 40.9 61.3





#27

2,4-Dimethylphenol

Concen: 46.186 ng

RT: 7.639 min Scan# 911

Delta R.T. -0.000 min

Lab File: BF130137.D

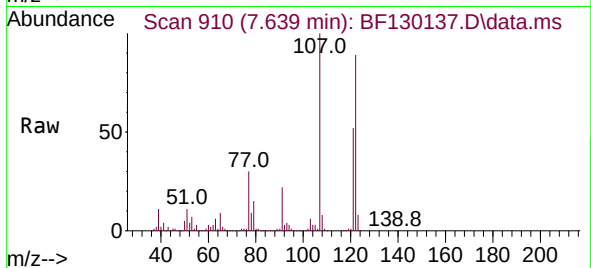
Acq: 06 Sep 2022 14:53

Instrument :

BNA_F

ClientSampleId :

PB147327BS



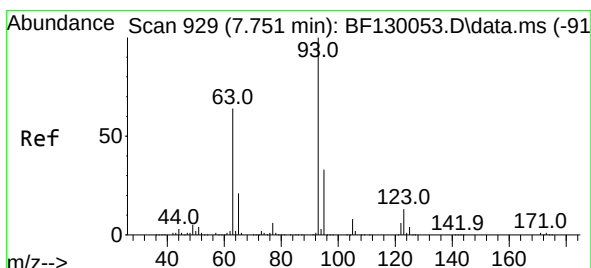
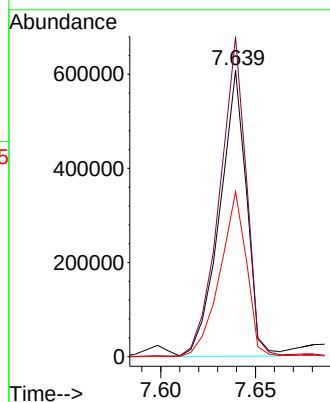
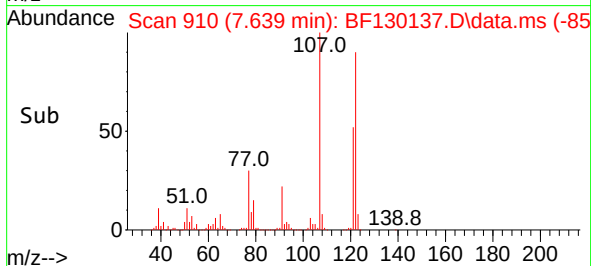
Tgt Ion:	122	Resp:	59665
Ion Ratio	Lower	Upper	
122	100		
107	111.8	92.2	138.4
121	57.7	46.1	69.1

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 09/07/2022

Supervised By :Jagrut Upadhyay 09/07/2022



#28

bis(2-Chloroethoxy)methane

Concen: 41.956 ng

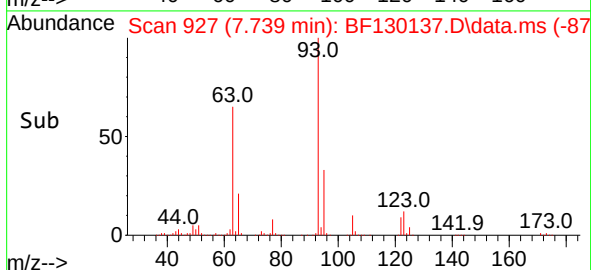
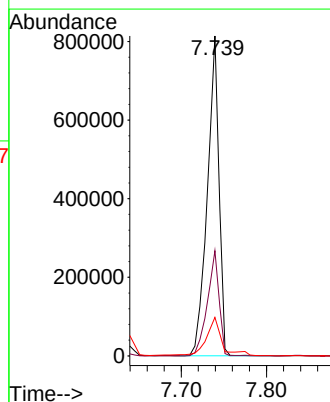
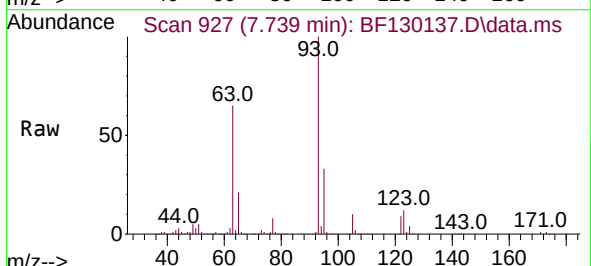
RT: 7.739 min Scan# 927

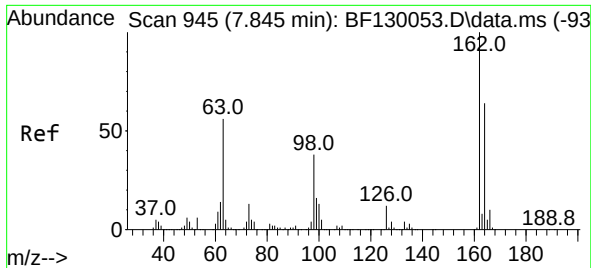
Delta R.T. -0.000 min

Lab File: BF130137.D

Acq: 06 Sep 2022 14:53

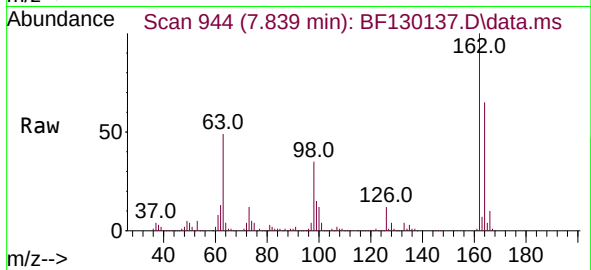
Tgt Ion:	93	Resp:	775927
Ion Ratio	Lower	Upper	
93	100		
95	32.9	25.6	38.4
123	12.0	9.0	13.4





#29
2,4-Dichlorophenol
Concen: 40.924 ng
RT: 7.839 min Scan# 944
Delta R.T. -0.000 min
Lab File: BF130137.D
Acq: 06 Sep 2022 14:53

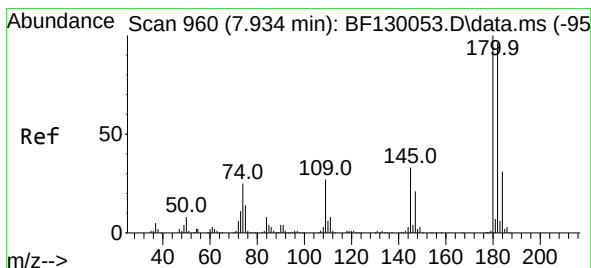
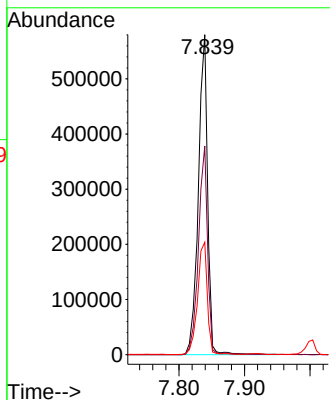
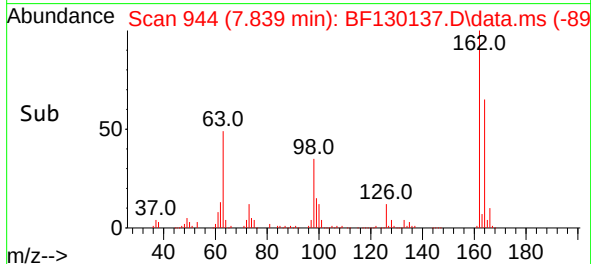
Instrument :
BNA_F
ClientSampleId :
PB147327BS



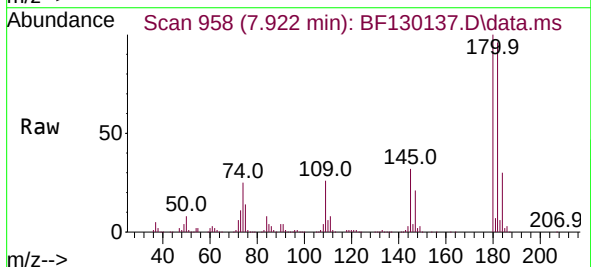
Tgt Ion:162 Resp: 565496
Ion Ratio Lower Upper
162 100
164 65.2 43.7 83.7
98 35.1 16.5 56.5

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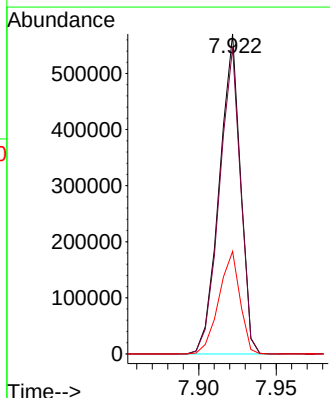
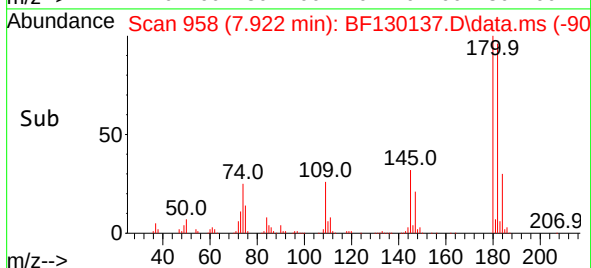
Reviewed By :Christian Giraldo 09/07/2022
Supervised By :Jagrut Upadhyay 09/07/2022

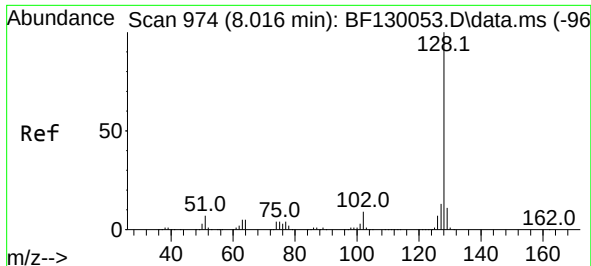


#30
1,2,4-Trichlorobenzene
Concen: 36.949 ng
RT: 7.922 min Scan# 958
Delta R.T. -0.000 min
Lab File: BF130137.D
Acq: 06 Sep 2022 14:53



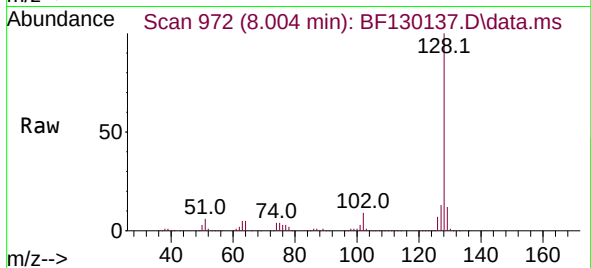
Tgt Ion:180 Resp: 538343
Ion Ratio Lower Upper
180 100
182 95.8 77.6 116.4
145 32.0 25.6 38.4





#31
Naphthalene
Concen: 37.343 ng
RT: 8.004 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF130137.D
Acq: 06 Sep 2022 14:53

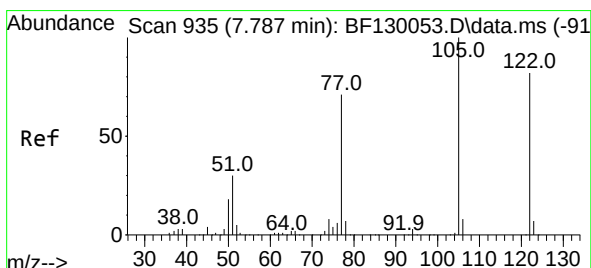
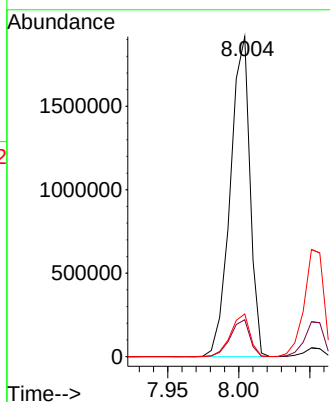
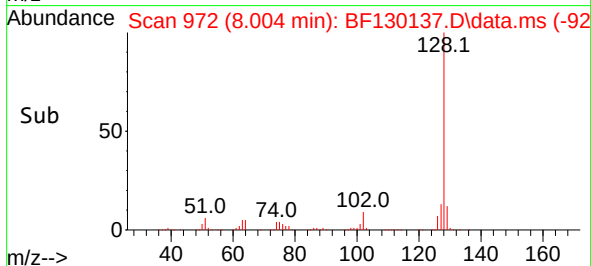
Instrument :
BNA_F
ClientSampleId :
PB147327BS



Tgt Ion:128 Resp: 1841160
Ion Ratio Lower Upper
128 100
129 11.5 8.9 13.3
127 13.3 10.7 16.1

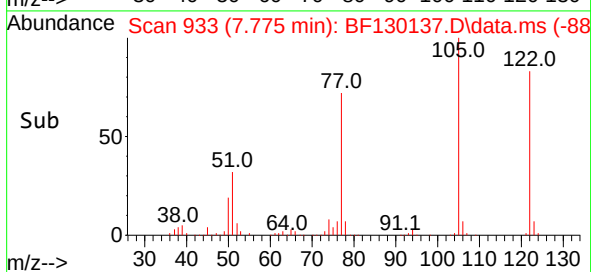
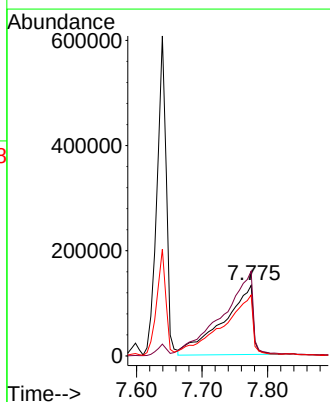
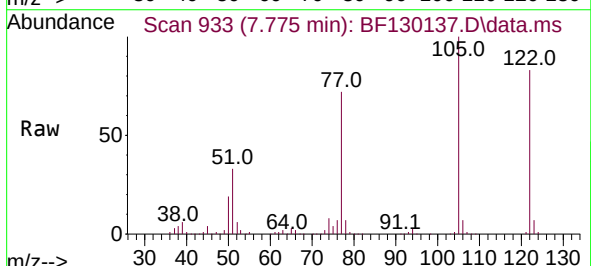
Manual Integrations
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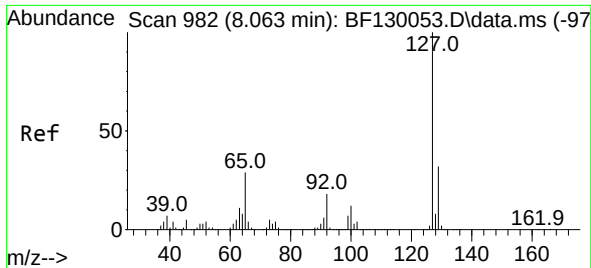
Reviewed By :Christian Giraldo 09/07/2022
Supervised By :Jagrut Upadhyay 09/07/2022



#32
Benzoic acid
Concen: 40.843 ng
RT: 7.775 min Scan# 933
Delta R.T. 0.006 min
Lab File: BF130137.D
Acq: 06 Sep 2022 14:53

Tgt Ion:122 Resp: 418830
Ion Ratio Lower Upper
122 100
105 120.0 99.9 139.9
77 86.4 65.9 105.9





#33
4-Chloroaniline
Concen: 31.609 ng
RT: 8.051 min Scan# 981
Delta R.T. -0.006 min
Lab File: BF130137.D
Acq: 06 Sep 2022 14:53

Instrument :

BNA_F

ClientSampleId :

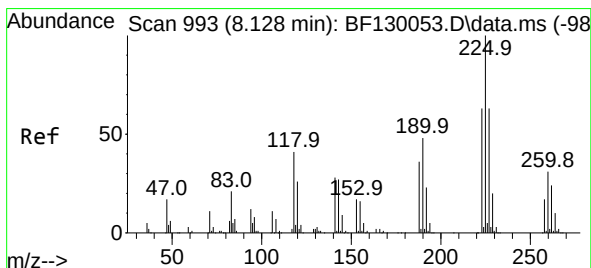
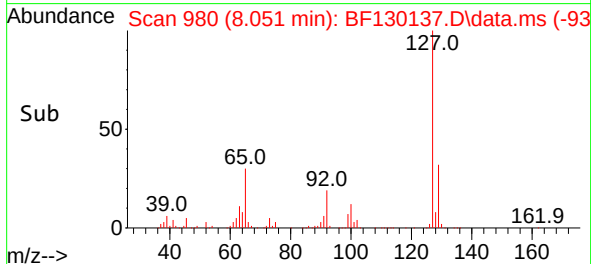
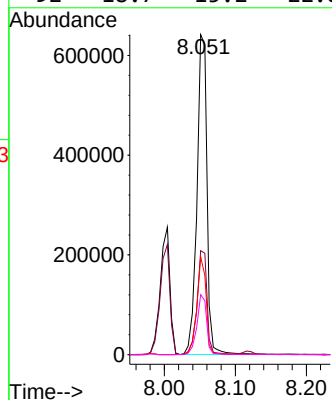
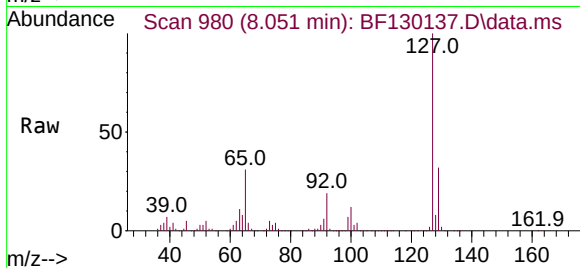
PB147327BS

Tgt Ion:127 Resp: 629629
Ion Ratio Lower Upper
127 100
129 32.5 26.7 40.1
65 30.5 24.2 36.2
92 18.7 15.2 22.8

Manual Integrations

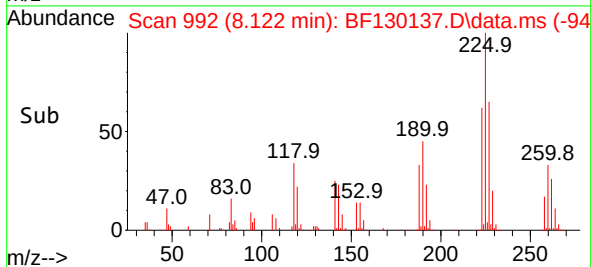
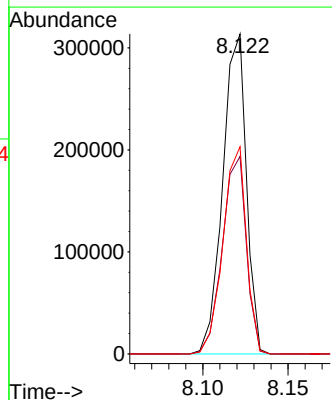
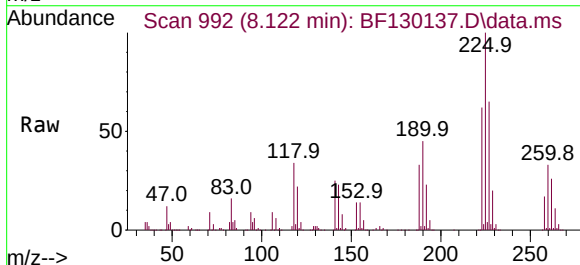
APPROVED

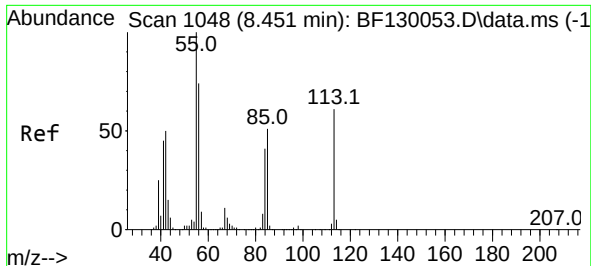
Reviewed By :Christian Giraldo 09/07/2022
Supervised By :Jagrut Upadhyay 09/07/2022



#34
Hexachlorobutadiene
Concen: 36.312 ng
RT: 8.122 min Scan# 992
Delta R.T. -0.000 min
Lab File: BF130137.D
Acq: 06 Sep 2022 14:53

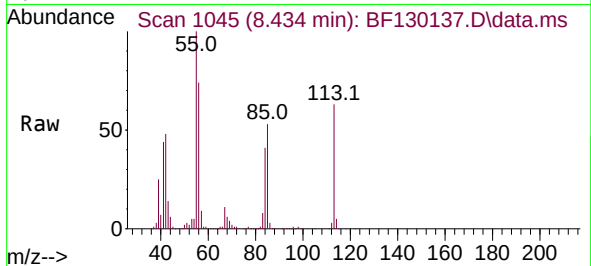
Tgt Ion:225 Resp: 303007
Ion Ratio Lower Upper
225 100
223 61.8 50.2 75.2
227 64.7 50.6 75.8





#35
Caprolactam
Concen: 44.940 ng m
RT: 8.434 min Scan# 1045
Delta R.T. -0.006 min
Lab File: BF130137.D
Acq: 06 Sep 2022 14:53

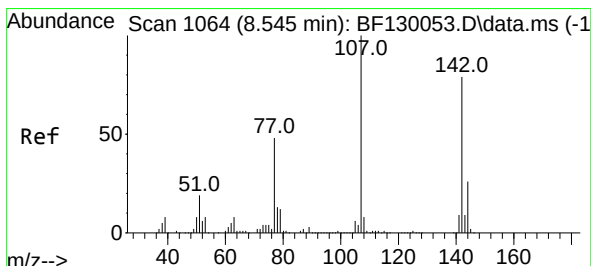
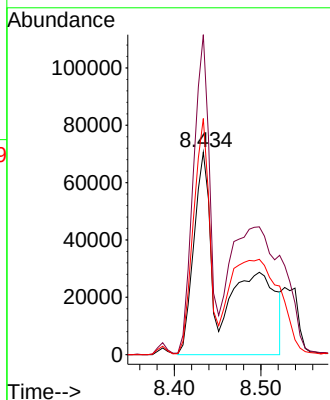
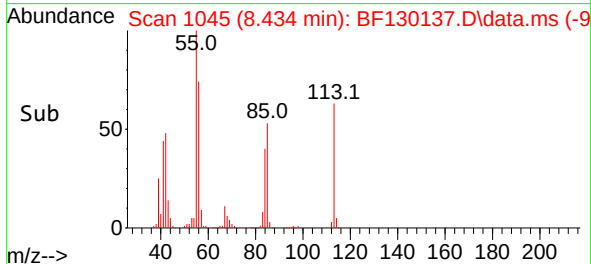
Instrument :
BNA_F
ClientSampleId :
PB147327BS



Tgt Ion:113 Resp: 192436
Ion Ratio Lower Upper
113 100
55 158.1 148.8 188.8
56 116.6 109.1 149.1

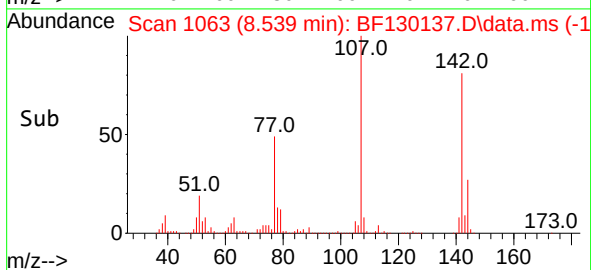
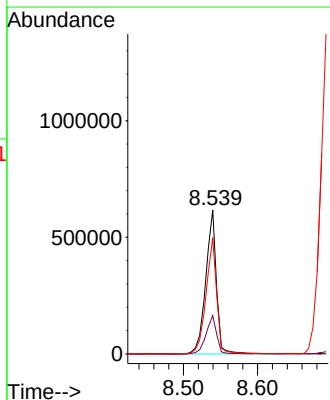
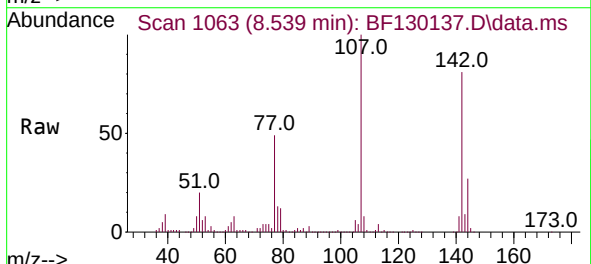
Manual Integrations
APPROVED

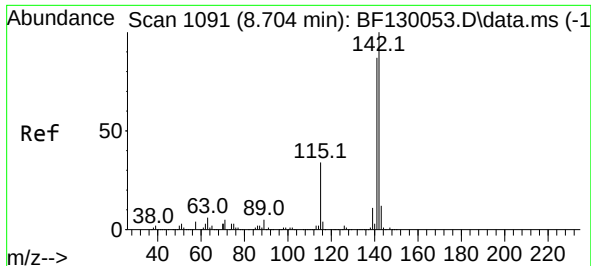
Reviewed By :Christian Giraldo 09/07/2022
Supervised By :Jagrut Upadhyay 09/07/2022



#36
4-Chloro-3-methylphenol
Concen: 44.088 ng
RT: 8.539 min Scan# 1063
Delta R.T. 0.006 min
Lab File: BF130137.D
Acq: 06 Sep 2022 14:53

Tgt Ion:107 Resp: 616467
Ion Ratio Lower Upper
107 100
144 26.6 19.9 29.9
142 80.7 60.2 90.4





#37

2-Methylnaphthalene

Concen: 39.159 ng

RT: 8.692 min Scan# 1106

Delta R.T. -0.000 min

Lab File: BF130137.D

Acq: 06 Sep 2022 14:53

Instrument :

BNA_F

ClientSampleId :

PB147327BS

Tgt Ion:142 Resp: 1243668

Ion Ratio Lower Upper

142 100

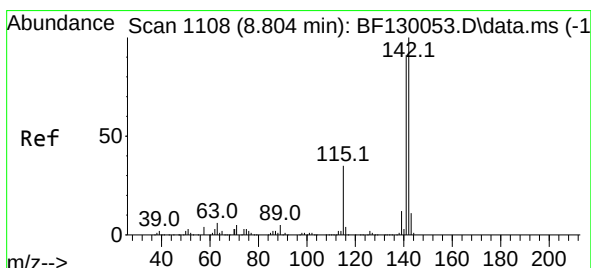
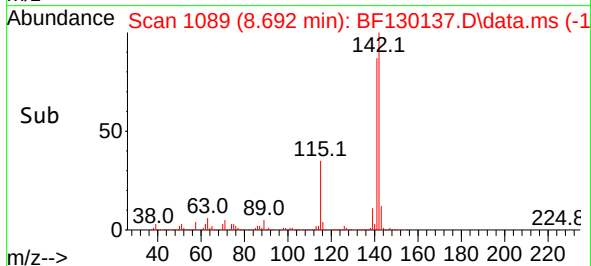
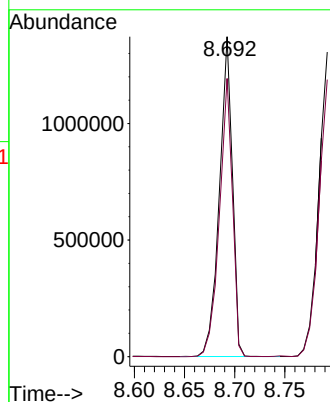
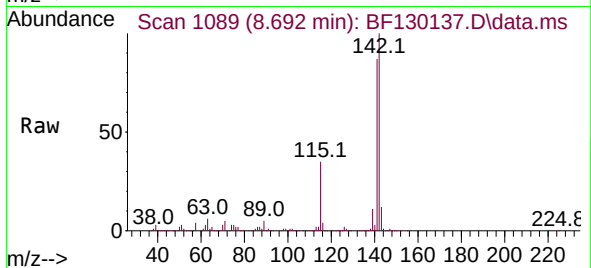
141 86.9 70.9 106.3

Manual Integrations

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Reviewed By :Christian Giraldo 09/07/2022

Supervised By :Jagrut Upadhyay 09/07/2022



#38

1-Methylnaphthalene

Concen: 38.661 ng

RT: 8.792 min Scan# 1106

Delta R.T. -0.000 min

Lab File: BF130137.D

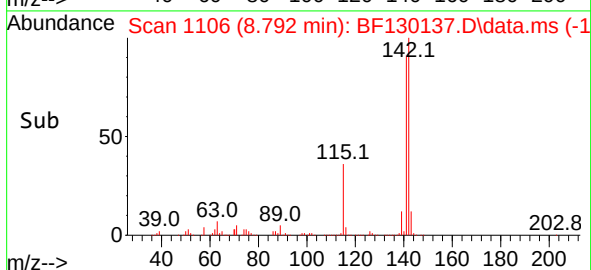
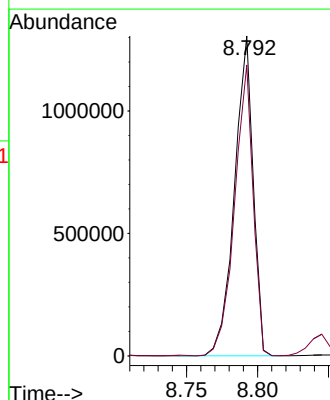
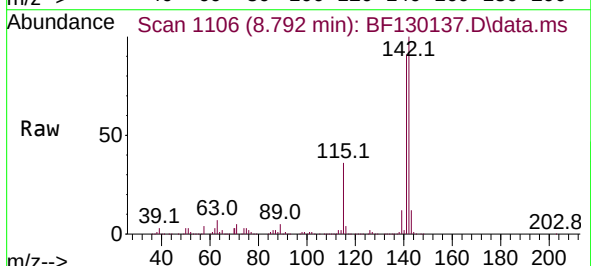
Acq: 06 Sep 2022 14:53

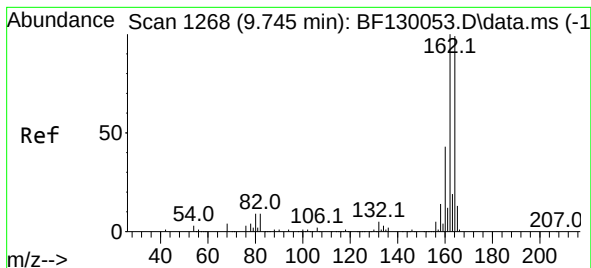
Tgt Ion:142 Resp: 1193473

Ion Ratio Lower Upper

142 100

141 90.9 73.5 110.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.733 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF130137.D

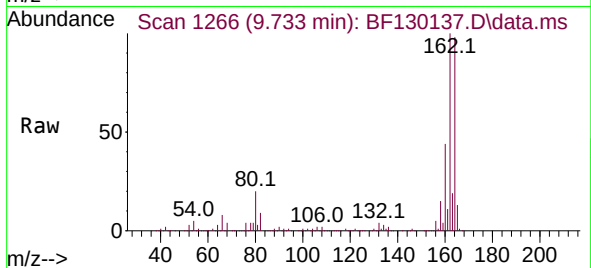
Acq: 06 Sep 2022 14:53

Instrument :

BNA_F

ClientSampleId :

PB147327BS



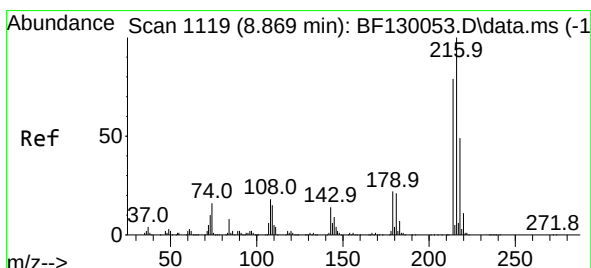
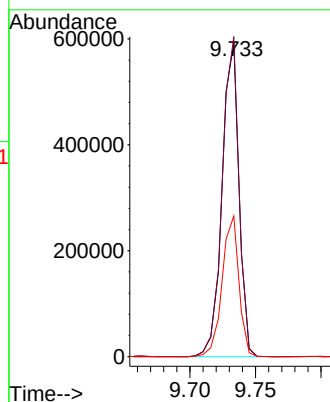
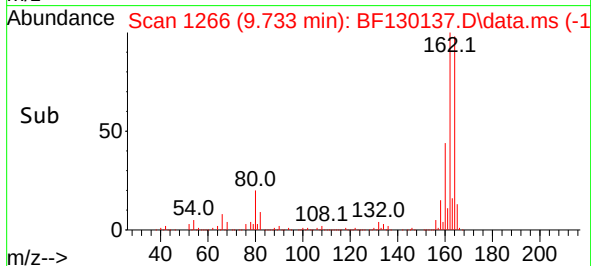
Tgt Ion:	164	Resp:	53279
Ion Ratio	Lower	Upper	
164	100		
162	102.0	82.0	123.0
160	44.8	35.4	53.0

Manual Integrations

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Reviewed By :Christian Giraldo 09/07/2022

Supervised By :Jagrut Upadhyay 09/07/2022



#40

1,2,4,5-Tetrachlorobenzene

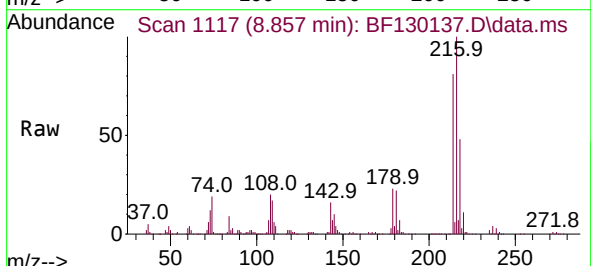
Concen: 37.716 ng

RT: 8.857 min Scan# 1117

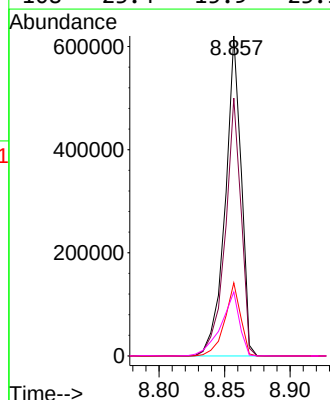
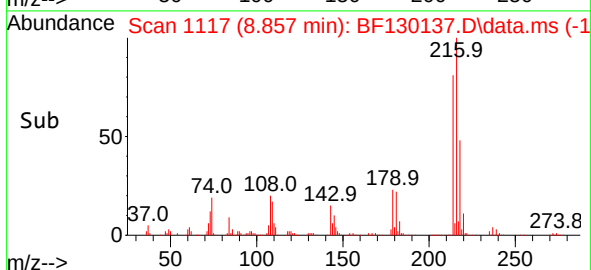
Delta R.T. -0.000 min

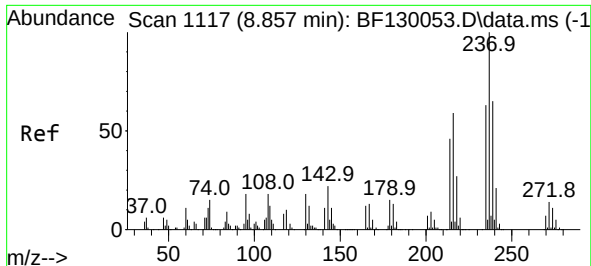
Lab File: BF130137.D

Acq: 06 Sep 2022 14:53



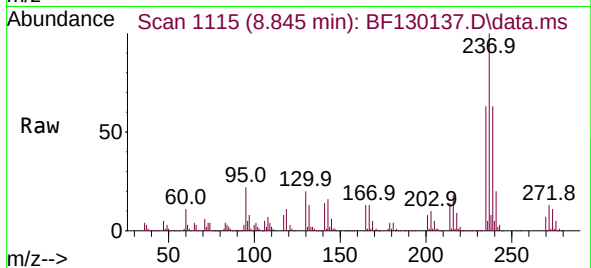
Tgt Ion:	216	Resp:	523997
Ion Ratio	Lower	Upper	
216	100		
214	79.6	63.1	94.7
179	22.6	18.1	27.1
108	23.4	15.9	23.9





#41
Hexachlorocyclopentadiene
Concen: 83.815 ng
RT: 8.845 min Scan# 1115
Delta R.T. -0.000 min
Lab File: BF130137.D
Acq: 06 Sep 2022 14:53

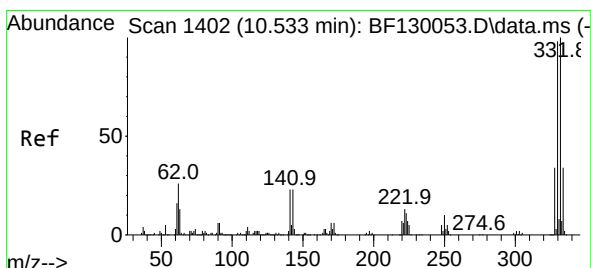
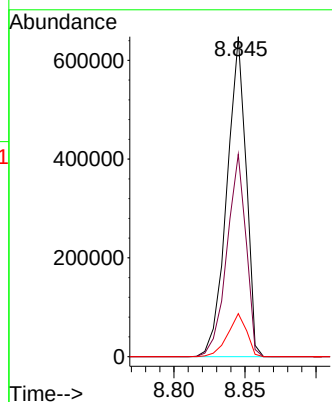
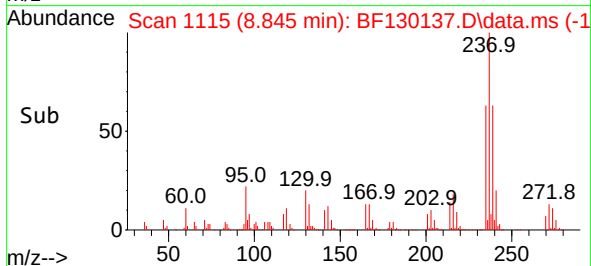
Instrument :
BNA_F
ClientSampleId :
PB147327BS



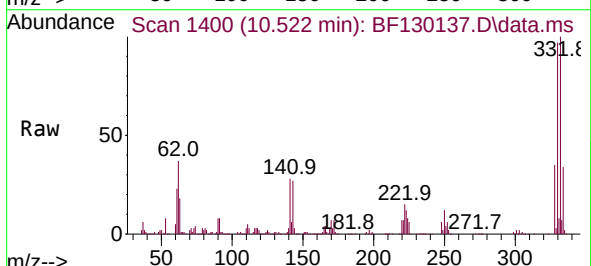
Tgt Ion:237 Resp: 608560
Ion Ratio Lower Upper
237 100
235 63.2 41.5 81.5
272 13.4 0.0 33.3

Manual Integrations
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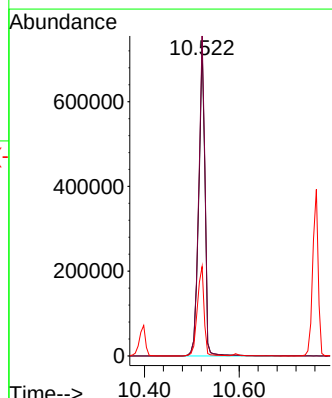
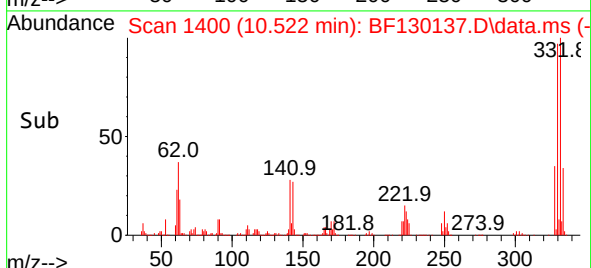
Reviewed By :Christian Giraldo 09/07/2022
Supervised By :Jagrut Upadhyay 09/07/2022

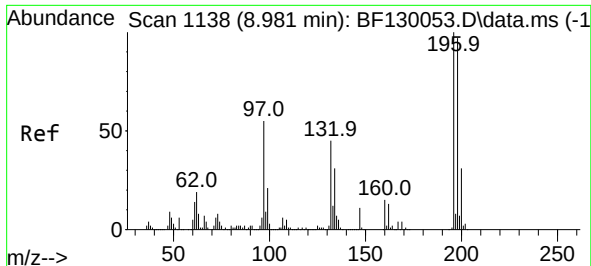


#42
2,4,6-Tribromophenol
Concen: 137.836 ng
RT: 10.522 min Scan# 1400
Delta R.T. -0.000 min
Lab File: BF130137.D
Acq: 06 Sep 2022 14:53



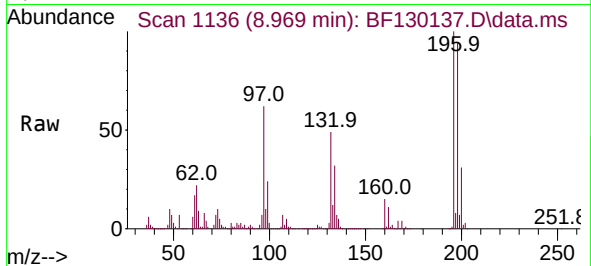
Tgt Ion:330 Resp: 668498
Ion Ratio Lower Upper
330 100
332 103.7 82.6 124.0
141 31.4 27.6 41.4





#43
2,4,6-Trichlorophenol
Concen: 41.294 ng
RT: 8.969 min Scan# 1136
Delta R.T. -0.000 min
Lab File: BF130137.D
Acq: 06 Sep 2022 14:53

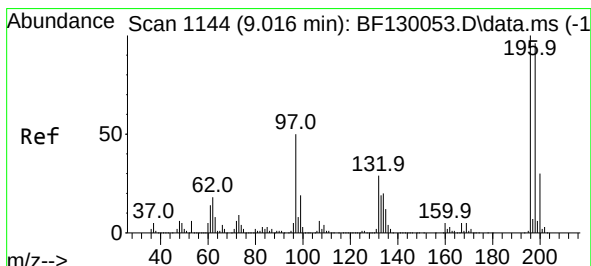
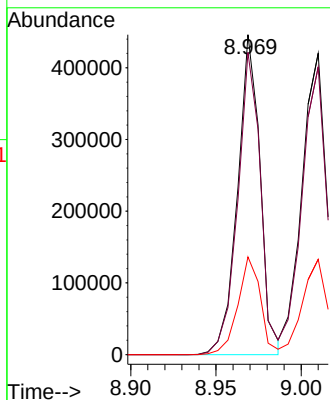
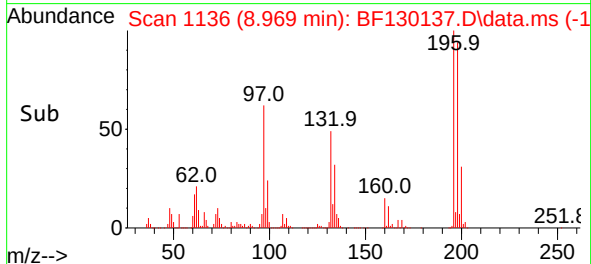
Instrument :
BNA_F
ClientSampleId :
PB147327BS



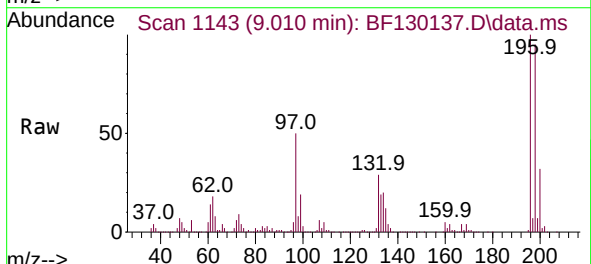
Tgt Ion:196 Resp: 409510
Ion Ratio Lower Upper
196 100
198 94.4 79.0 118.4
200 30.5 25.1 37.7

Manual Integrations
APPROVED

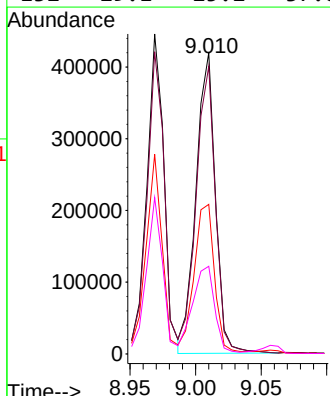
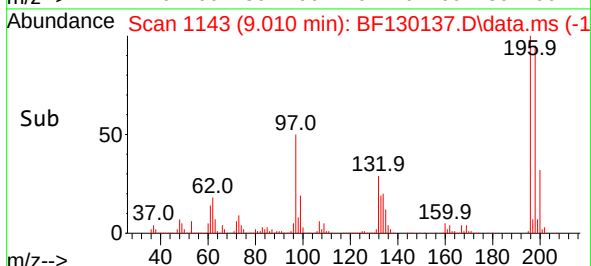
Reviewed By :Christian Giraldo 09/07/2022
Supervised By :Jagrut Upadhyay 09/07/2022

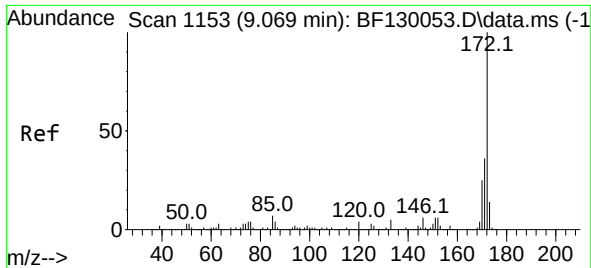


#44
2,4,5-Trichlorophenol
Concen: 40.318 ng
RT: 9.010 min Scan# 1143
Delta R.T. 0.006 min
Lab File: BF130137.D
Acq: 06 Sep 2022 14:53



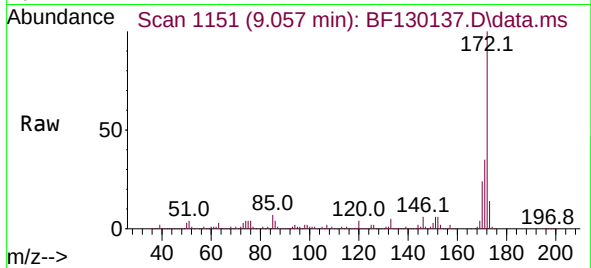
Tgt Ion:196 Resp: 433377
Ion Ratio Lower Upper
196 100
198 95.5 76.4 114.6
97 49.6 46.5 69.7
132 29.1 25.2 37.8





#45
2-Fluorobiphenyl
Concen: 76.744 ng
RT: 9.057 min Scan# 1151
Delta R.T. -0.000 min
Lab File: BF130137.D
Acq: 06 Sep 2022 14:53

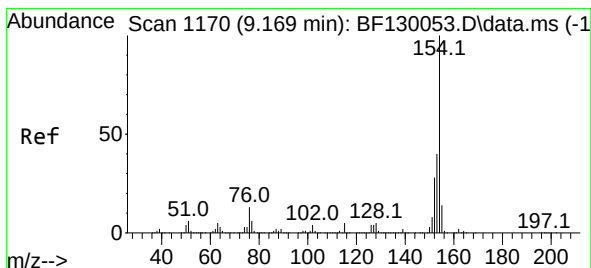
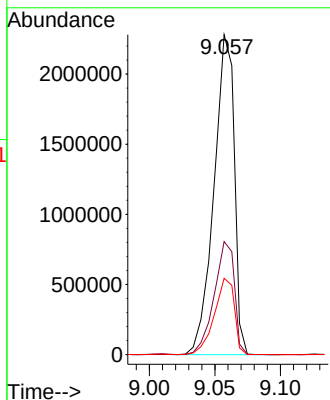
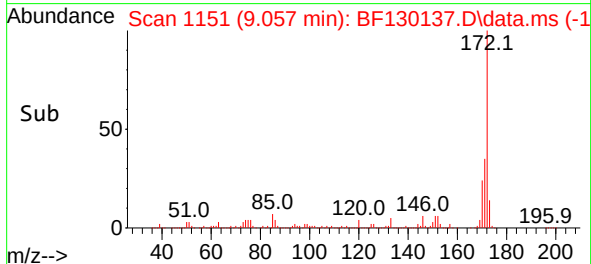
Instrument :
BNA_F
ClientSampleId :
PB147327BS



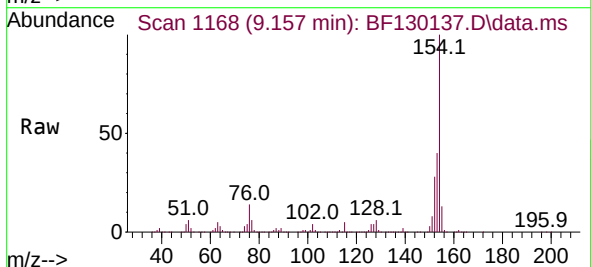
Tgt Ion:172 Resp: 2466230
Ion Ratio Lower Upper
172 100
171 35.3 28.4 42.6
170 23.8 19.1 28.7

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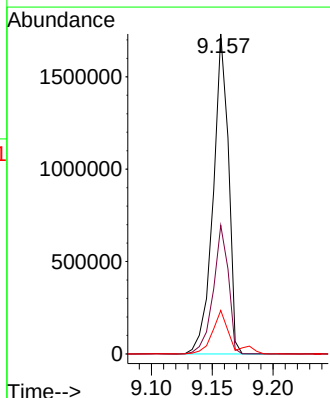
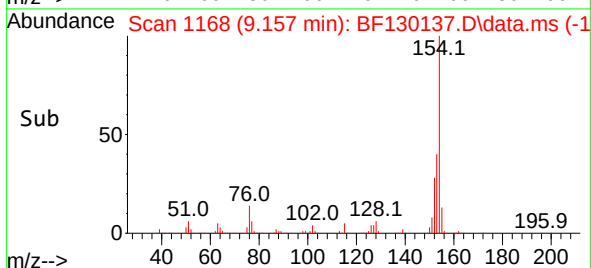
Reviewed By :Christian Giraldo 09/07/2022
Supervised By :Jagrut Upadhyay 09/07/2022

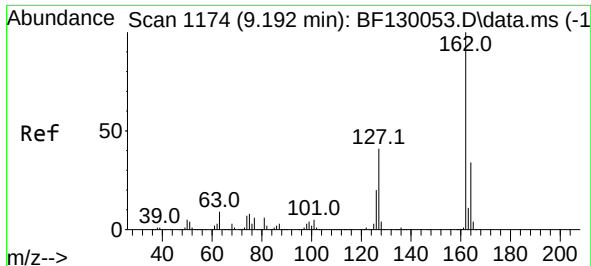


#46
1,1'-Biphenyl
Concen: 39.074 ng
RT: 9.157 min Scan# 1168
Delta R.T. -0.000 min
Lab File: BF130137.D
Acq: 06 Sep 2022 14:53



Tgt Ion:154 Resp: 1512482
Ion Ratio Lower Upper
154 100
153 40.2 20.2 60.2
76 13.6 0.0 32.1





#47

2-Chloronaphthalene

Concen: 38.420 ng

RT: 9.181 min Scan# 1172

Delta R.T. -0.000 min

Lab File: BF130137.D

Acq: 06 Sep 2022 14:53

Instrument :

BNA_F

ClientSampleId :

PB147327BS

Tgt Ion:162 Resp: 1191560

Ion Ratio Lower Upper

162 100

127 41.2 33.1 49.7

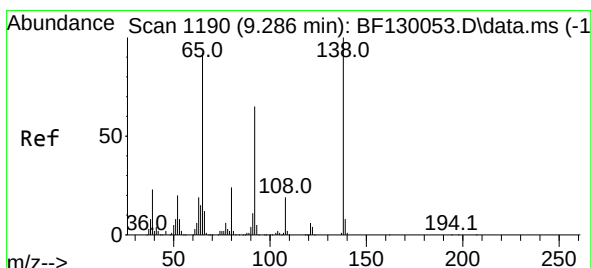
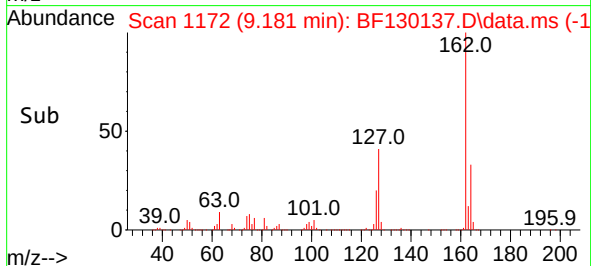
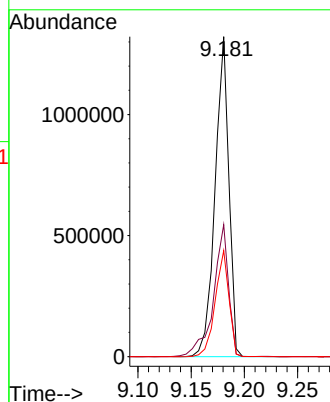
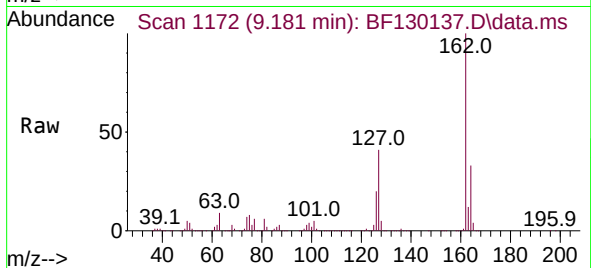
164 33.1 26.7 40.1

Manual Integrations

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Reviewed By :Christian Giraldo 09/07/2022

Supervised By :Jagrut Upadhyay 09/07/2022



#48

2-Nitroaniline

Concen: 47.485 ng

RT: 9.281 min Scan# 1189

Delta R.T. -0.000 min

Lab File: BF130137.D

Acq: 06 Sep 2022 14:53

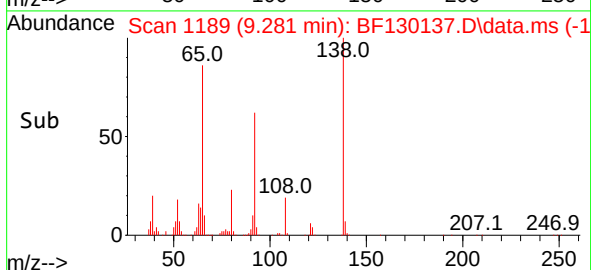
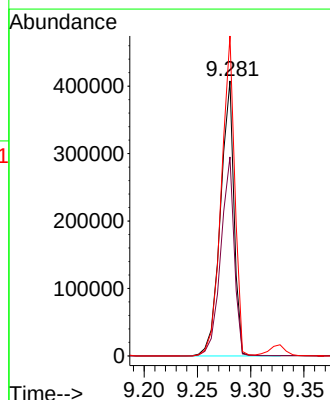
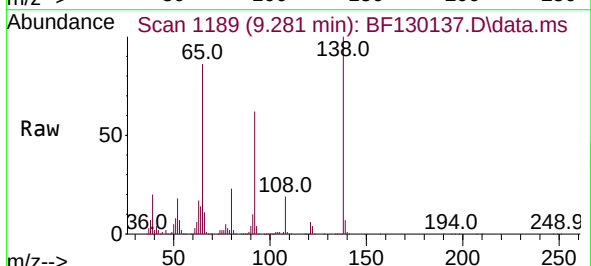
Tgt Ion: 65 Resp: 362913

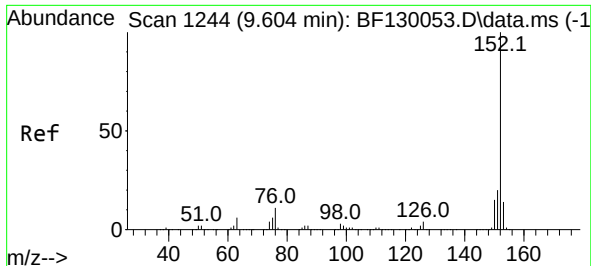
Ion Ratio Lower Upper

65 100

92 72.4 55.0 82.4

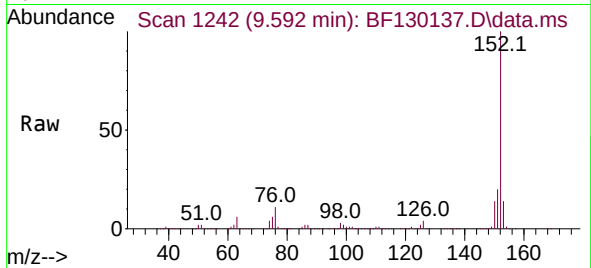
138 116.4 81.3 121.9





#49
Acenaphthylene
Concen: 39.597 ng
RT: 9.592 min Scan# 1242
Delta R.T. -0.006 min
Lab File: BF130137.D
Acq: 06 Sep 2022 14:53

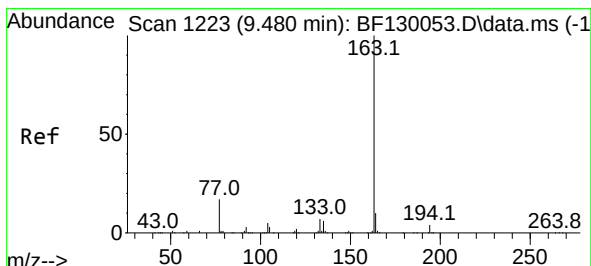
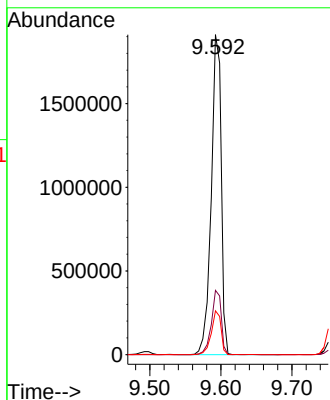
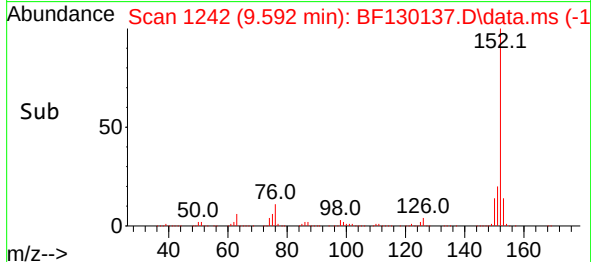
Instrument :
BNA_F
ClientSampleId :
PB147327BS



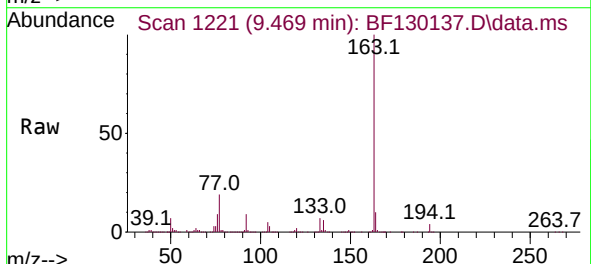
Tgt Ion:152 Resp: 1864849
Ion Ratio Lower Upper
152 100
151 20.1 16.1 24.1
153 13.7 10.6 16.0

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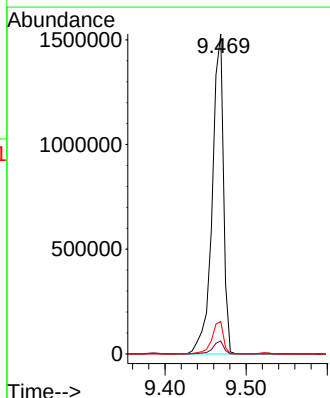
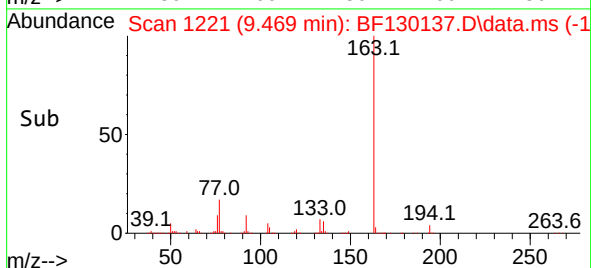
Reviewed By :Christian Giraldo 09/07/2022
Supervised By :Jagrut Upadhyay 09/07/2022

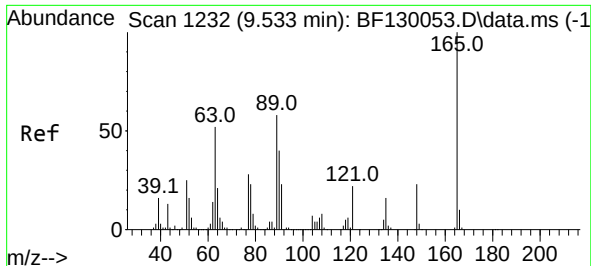


#50
Dimethylphthalate
Concen: 40.575 ng
RT: 9.469 min Scan# 1221
Delta R.T. -0.000 min
Lab File: BF130137.D
Acq: 06 Sep 2022 14:53



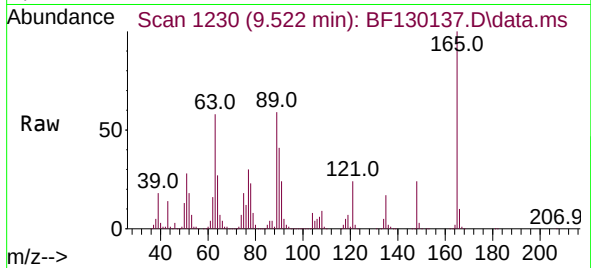
Tgt Ion:163 Resp: 1472471
Ion Ratio Lower Upper
163 100
194 4.0 3.3 4.9
164 10.1 8.2 12.2





#51
2,6-Dinitrotoluene
Concen: 45.831 ng
RT: 9.522 min Scan# 1230
Delta R.T. -0.006 min
Lab File: BF130137.D
Acq: 06 Sep 2022 14:53

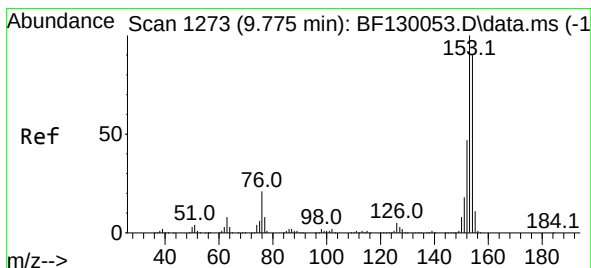
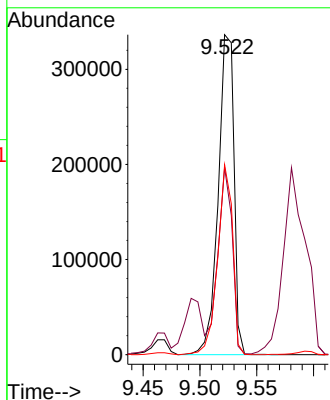
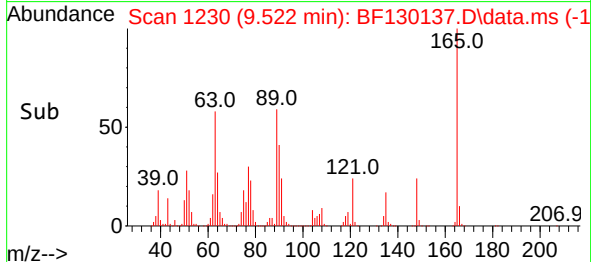
Instrument :
BNA_F
ClientSampleId :
PB147327BS



Tgt Ion:165 Resp: 324275
Ion Ratio Lower Upper
165 100
63 58.5 47.8 71.8
89 59.3 47.2 70.8

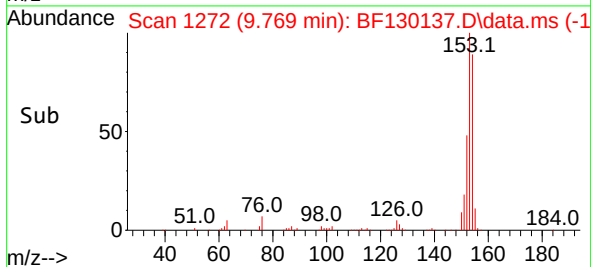
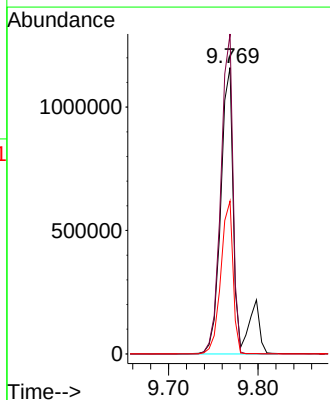
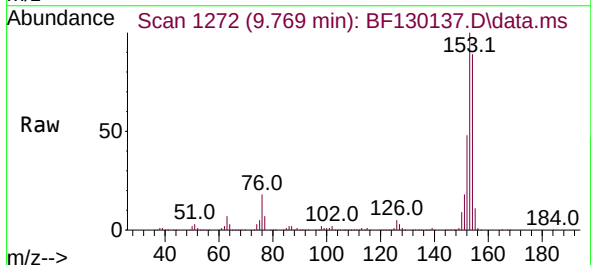
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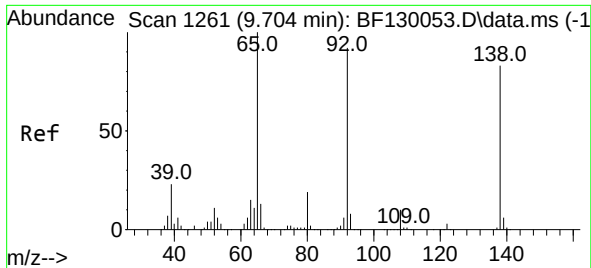
Reviewed By :Christian Giraldo 09/07/2022
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#52
Acenaphthene
Concen: 43.288 ng m
RT: 9.769 min Scan# 1272
Delta R.T. -0.000 min
Lab File: BF130137.D
Acq: 06 Sep 2022 14:53

Tgt Ion:154 Resp: 1284834
Ion Ratio Lower Upper
154 100
153 111.7 89.8 134.6
152 53.3 42.1 63.1





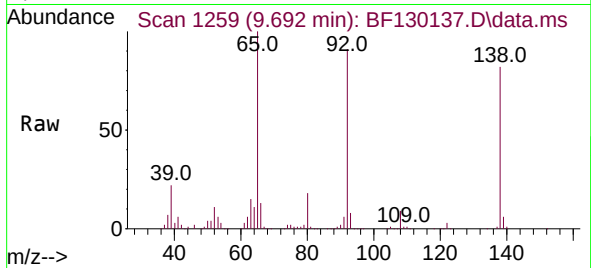
#53
3-Nitroaniline
Concen: 36.132 ng
RT: 9.692 min Scan# 1259
Delta R.T. -0.000 min
Lab File: BF130137.D
Acq: 06 Sep 2022 14:53

Instrument :

BNA_F

ClientSampleId :

PB147327BS

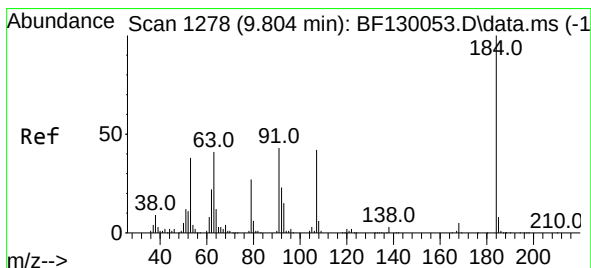
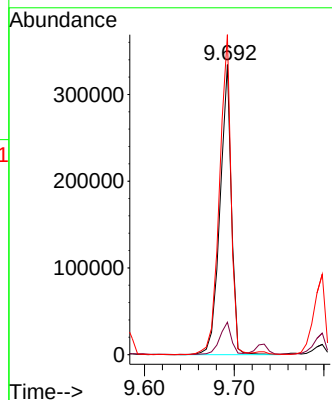
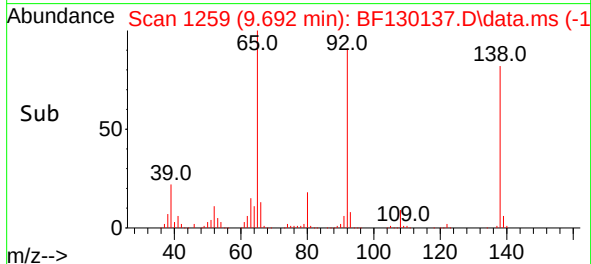


Tgt Ion:138 Resp: 293430
Ion Ratio Lower Upper
138 100
108 11.2 8.4 12.6
92 110.3 89.8 134.8

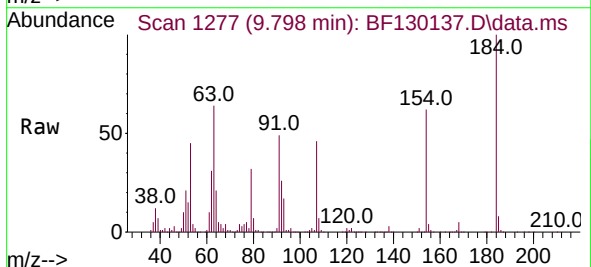
Manual Integrations

APPROVED

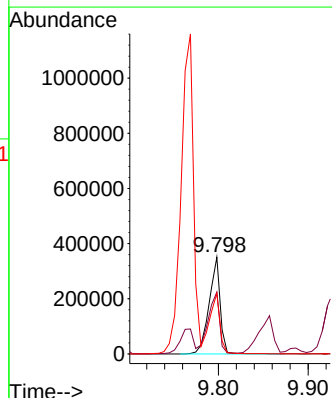
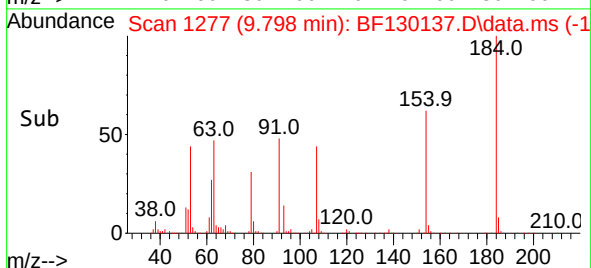
Reviewed By :Christian Giraldo 09/07/2022
Supervised By :Jagrut Upadhyay 09/07/2022

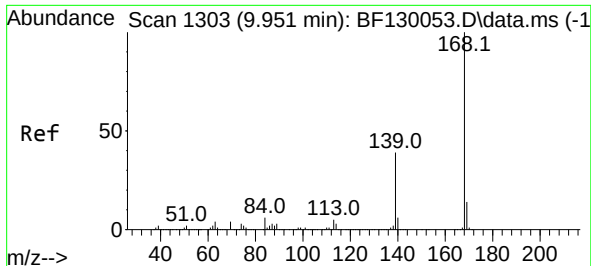


#54
2,4-Dinitrophenol
Concen: 92.117 ng
RT: 9.798 min Scan# 1277
Delta R.T. 0.006 min
Lab File: BF130137.D
Acq: 06 Sep 2022 14:53



Tgt Ion:184 Resp: 300279
Ion Ratio Lower Upper
184 100
63 63.9 59.6 89.4
154 62.4 55.3 82.9





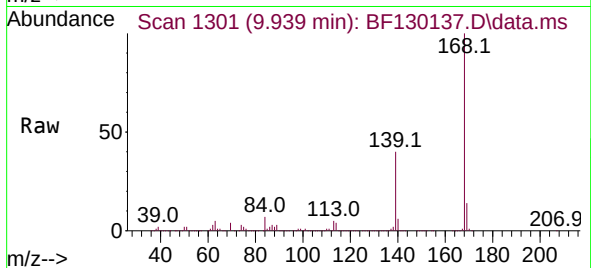
#55
Dibenzofuran
Concen: 39.660 ng
RT: 9.939 min Scan# 1301
Delta R.T. -0.000 min
Lab File: BF130137.D
Acq: 06 Sep 2022 14:53

Instrument :

BNA_F

ClientSampleId :

PB147327BS

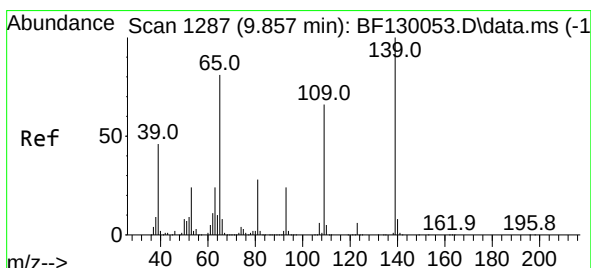
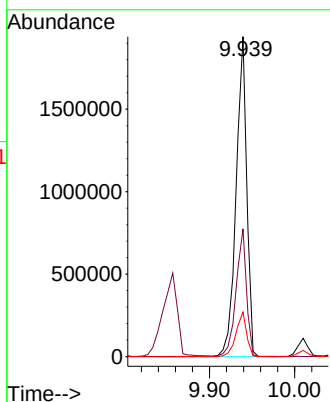
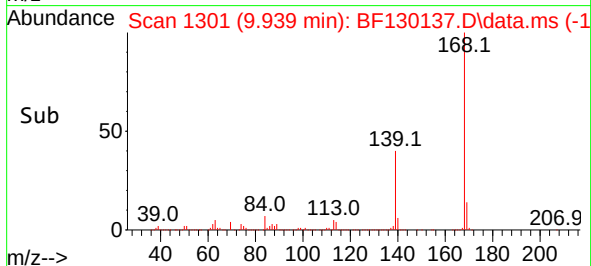


Tgt Ion:168 Resp: 1685598
Ion Ratio Lower Upper
168 100
139 39.9 31.3 46.9
169 13.9 10.7 16.1

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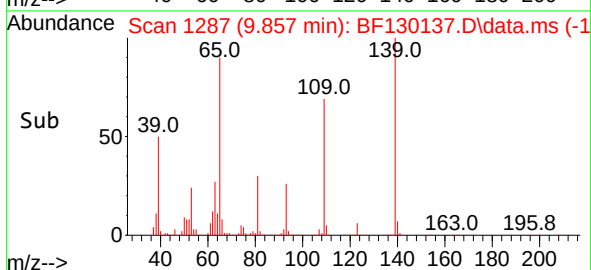
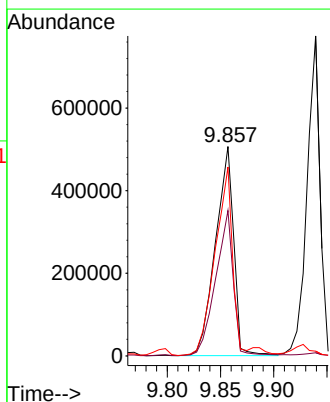
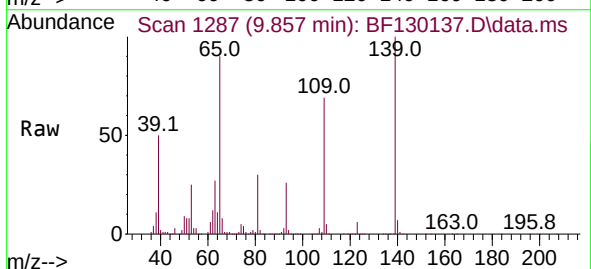
APPROVED

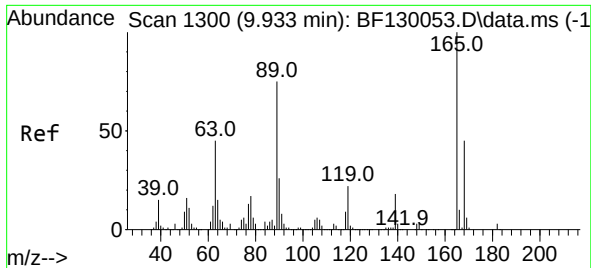
Reviewed By :Christian Giraldo 09/07/2022
Supervised By :Jagrut Upadhyay 09/07/2022



#56
4-Nitrophenol
Concen: 96.548 ng
RT: 9.857 min Scan# 1287
Delta R.T. 0.012 min
Lab File: BF130137.D
Acq: 06 Sep 2022 14:53

Tgt Ion:139 Resp: 604494
Ion Ratio Lower Upper
139 100
109 69.4 52.9 92.9
65 90.2 79.5 119.5





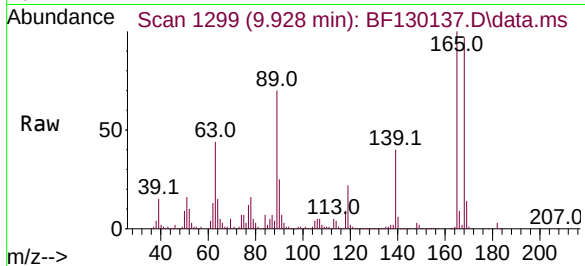
#57
2,4-Dinitrotoluene
Concen: 51.474 ng
RT: 9.928 min Scan# 1300
Delta R.T. 0.006 min
Lab File: BF130137.D
Acq: 06 Sep 2022 14:53

Instrument :

BNA_F

ClientSampleId :

PB147327BS

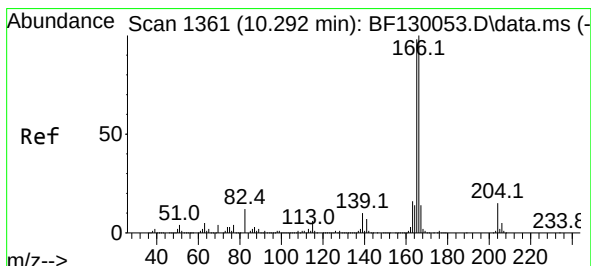
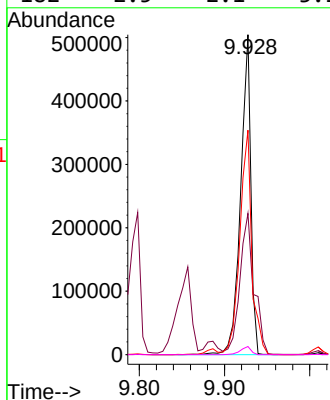
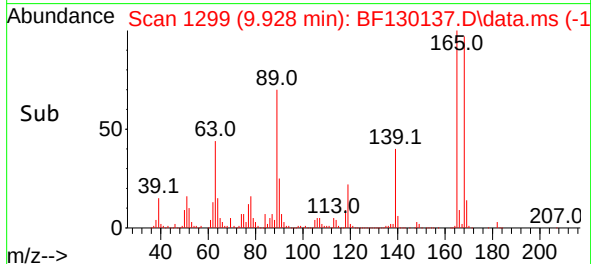


Tgt Ion:165 Resp: 419308
Ion Ratio Lower Upper
165 100
63 44.1 48.4 72.6
89 70.1 62.3 93.5
182 2.5 2.1 3.1

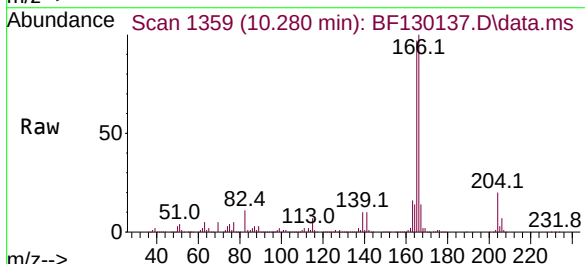
Manual Integrations

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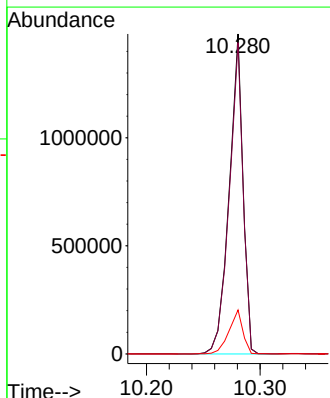
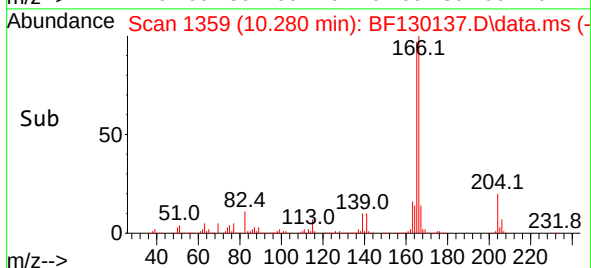
Reviewed By :Christian Giraldo 09/07/2022
Supervised By :Jagrut Upadhyay 09/07/2022

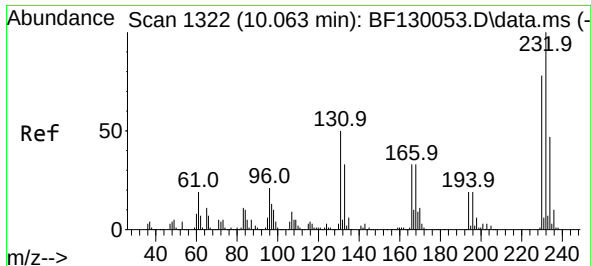


#58
Fluorene
Concen: 38.768 ng
RT: 10.280 min Scan# 1359
Delta R.T. -0.000 min
Lab File: BF130137.D
Acq: 06 Sep 2022 14:53



Tgt Ion:166 Resp: 1253709
Ion Ratio Lower Upper
166 100
165 97.3 77.9 116.9
167 13.7 11.0 16.4





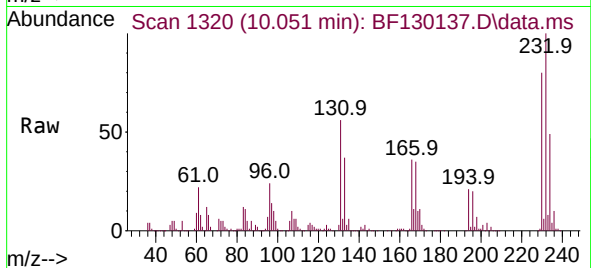
#59
2,3,4,6-Tetrachlorophenol
Concen: 41.188 ng
RT: 10.051 min Scan# 1322
Delta R.T. -0.000 min
Lab File: BF130137.D
Acq: 06 Sep 2022 14:53

Instrument :

BNA_F

ClientSampleId :

PB147327BS

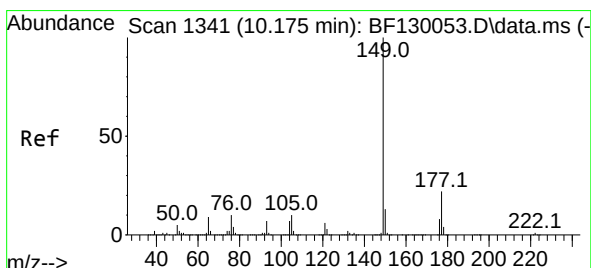
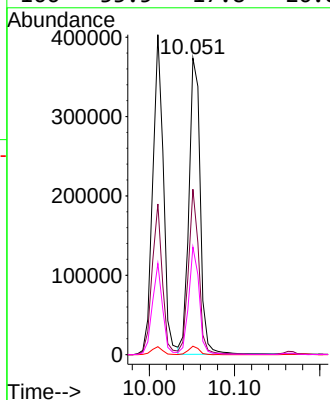
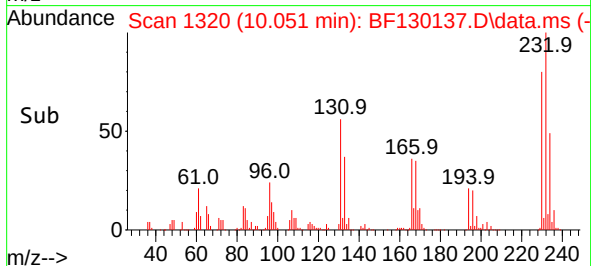


Tgt Ion:232 Resp: 343856
Ion Ratio Lower Upper
232 100
131 51.0 29.9 44.9
130 2.7 1.5 2.3
166 33.5 17.8 26.8

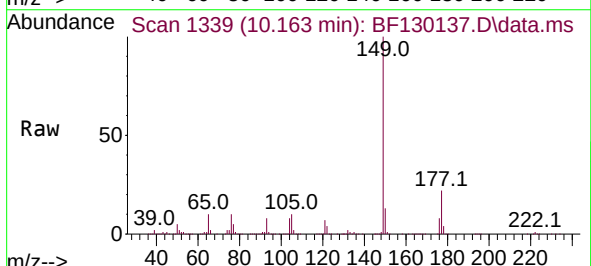
Manual Integrations

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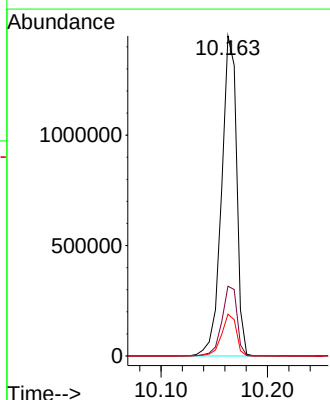
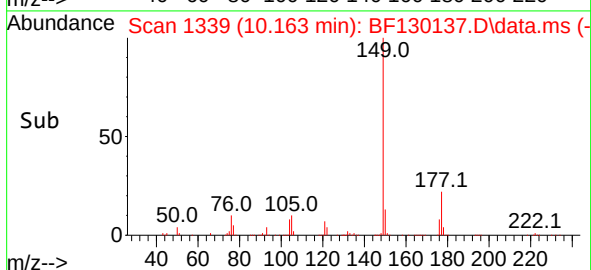
Reviewed By :Christian Giraldo 09/07/2022
Supervised By :Jagrut Upadhyay 09/07/2022

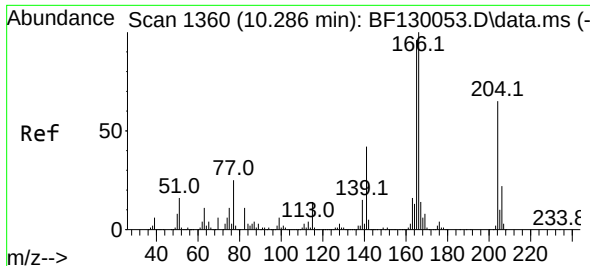


#60
Diethylphthalate
Concen: 40.683 ng
RT: 10.163 min Scan# 1339
Delta R.T. -0.000 min
Lab File: BF130137.D
Acq: 06 Sep 2022 14:53



Tgt Ion:149 Resp: 1428284
Ion Ratio Lower Upper
149 100
177 21.8 17.7 26.5
150 13.0 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 40.070 ng
RT: 10.275 min Scan# 1358
Delta R.T. -0.000 min
Lab File: BF130137.D
Acq: 06 Sep 2022 14:53

Instrument :

BNA_F

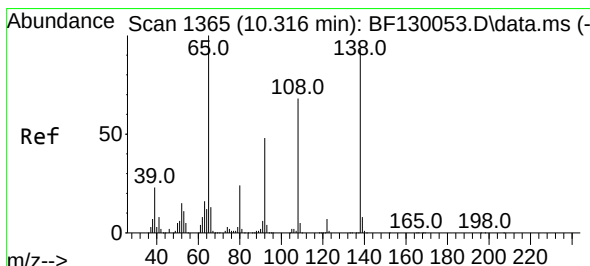
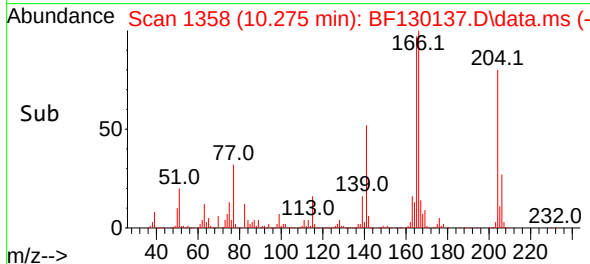
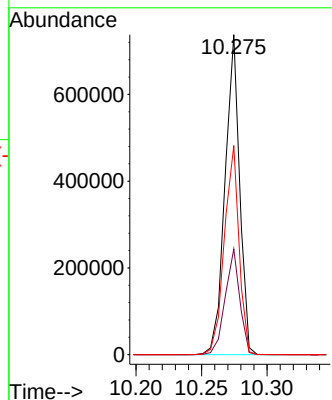
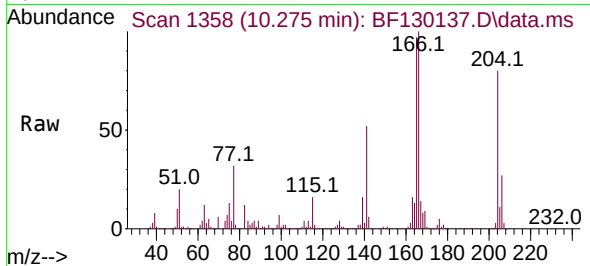
ClientSampleId :

PB147327BS

Tgt Ion:204 Resp: 57282
Ion Ratio Lower Upper
204 100
206 33.0 26.5 39.7
141 65.3 52.6 79.0

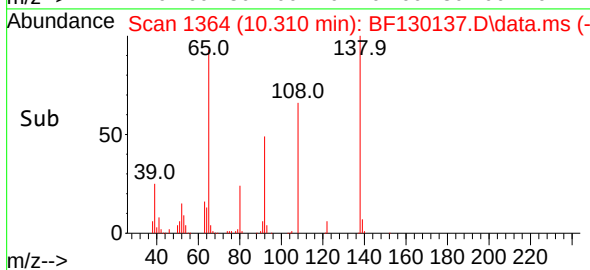
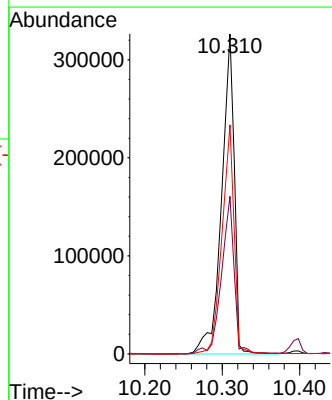
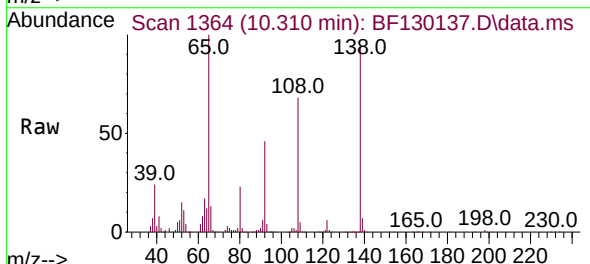
Manual Integrations
APPROVED

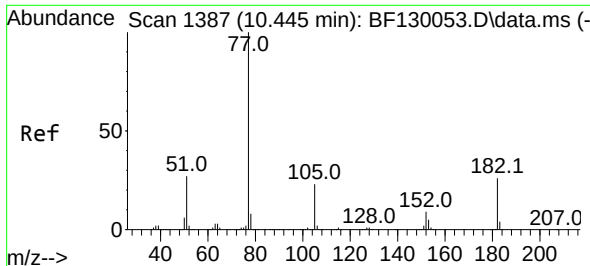
Reviewed By :Christian Giraldo 09/07/2022
Supervised By :Jagrut Upadhyay 09/07/2022



#62
4-Nitroaniline
Concen: 47.157 ng
RT: 10.310 min Scan# 1364
Delta R.T. -0.000 min
Lab File: BF130137.D
Acq: 06 Sep 2022 14:53

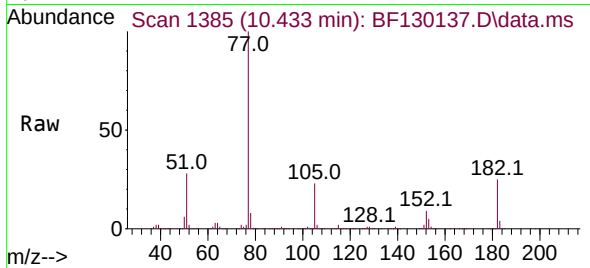
Tgt Ion:138 Resp: 372454
Ion Ratio Lower Upper
138 100
92 49.2 30.3 70.3
108 71.6 55.7 95.7





#63
Azobenzene
Concen: 39.494 ng
RT: 10.433 min Scan# 1387
Delta R.T. -0.000 min
Lab File: BF130137.D
Acq: 06 Sep 2022 14:53

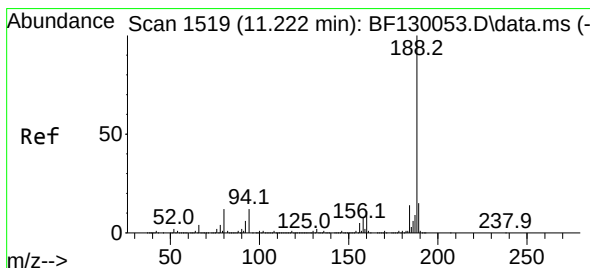
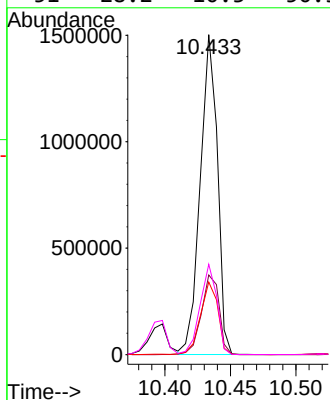
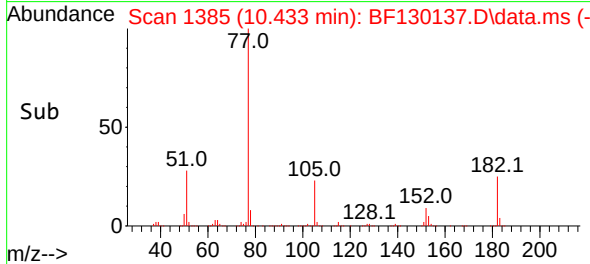
Instrument :
BNA_F
ClientSampleId :
PB147327BS



Tgt Ion: 77 Resp: 1365172
Ion Ratio Lower Upper
77 100
182 24.9 2.2 42.2
105 22.7 0.8 40.8
51 28.2 10.3 50.3

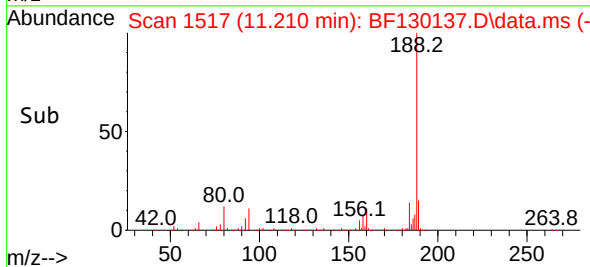
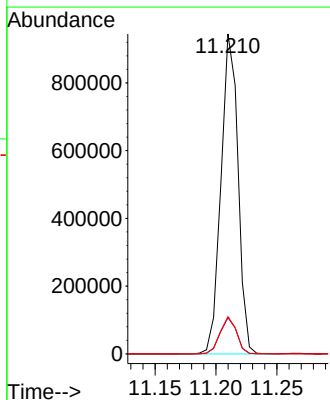
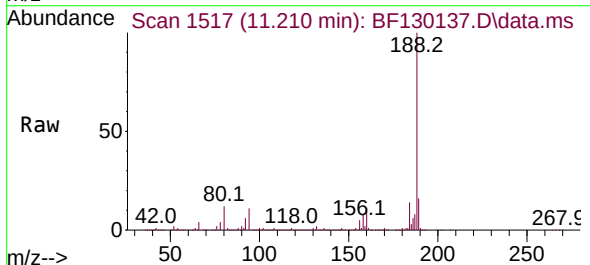
Manual Integrations
APPROVED

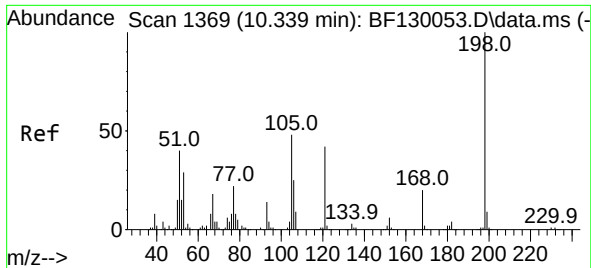
Reviewed By :Christian Giraldo 09/07/2022
Supervised By :Jagrut Upadhyay 09/07/2022



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.210 min Scan# 1517
Delta R.T. -0.000 min
Lab File: BF130137.D
Acq: 06 Sep 2022 14:53

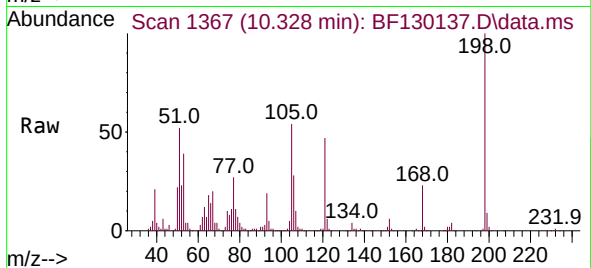
Tgt Ion:188 Resp: 914337
Ion Ratio Lower Upper
188 100
94 11.3 7.4 11.2#
80 11.6 7.9 11.9





#65
4,6-Dinitro-2-methylphenol
Concen: 44.293 ng
RT: 10.328 min Scan# 1367
Delta R.T. -0.000 min
Lab File: BF130137.D
Acq: 06 Sep 2022 14:53

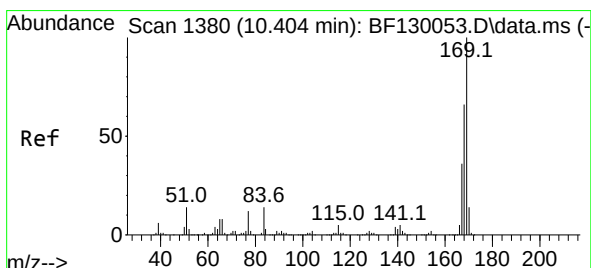
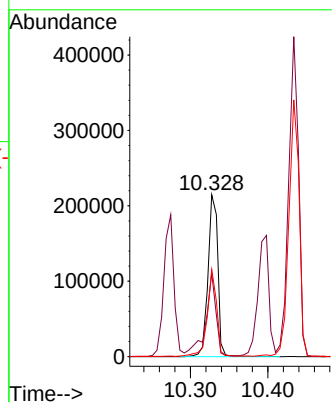
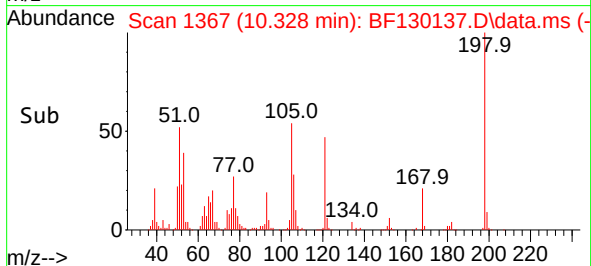
Instrument :
BNA_F
ClientSampleId :
PB147327BS



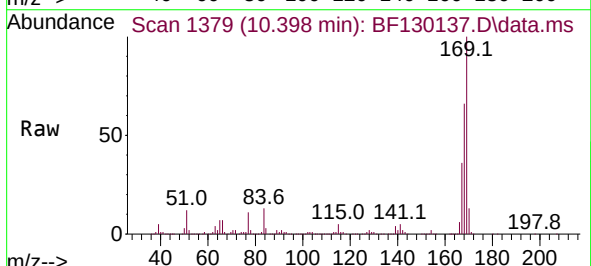
Tgt Ion:198 Resp: 188349
Ion Ratio Lower Upper
198 100
51 51.6 29.4 69.4
105 53.9 29.2 69.2

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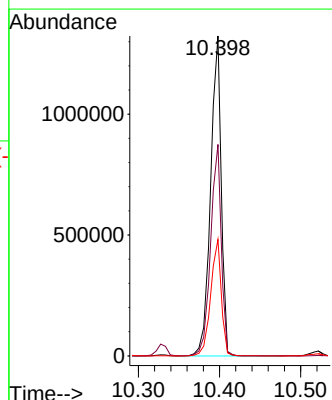
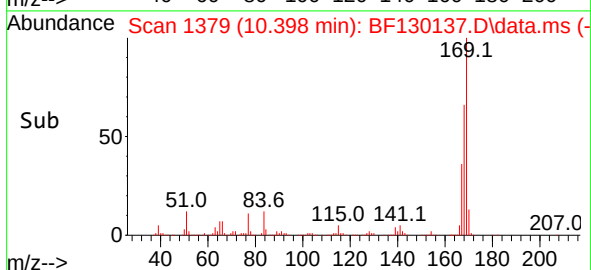
Reviewed By :Christian Giraldo 09/07/2022
Supervised By :Jagrut Upadhyay 09/07/2022

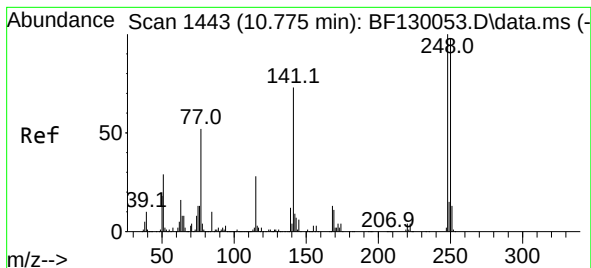


#66
n-Nitrosodiphenylamine
Concen: 39.646 ng
RT: 10.398 min Scan# 1379
Delta R.T. -0.000 min
Lab File: BF130137.D
Acq: 06 Sep 2022 14:53



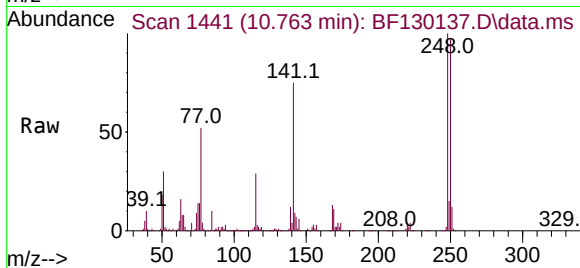
Tgt Ion:169 Resp: 1211792
Ion Ratio Lower Upper
169 100
168 66.1 53.4 80.2
167 36.4 29.1 43.7





#67
4-Bromophenyl-phenylether
Concen: 39.941 ng
RT: 10.763 min Scan# 1441
Delta R.T. -0.000 min
Lab File: BF130137.D
Acq: 06 Sep 2022 14:53

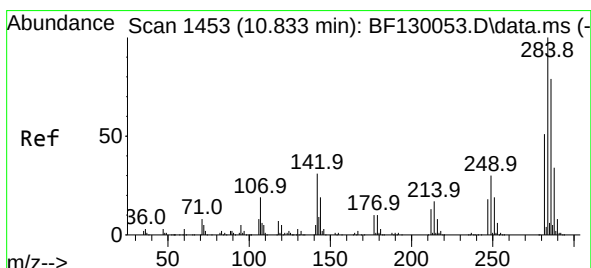
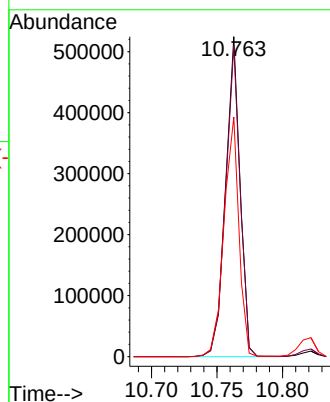
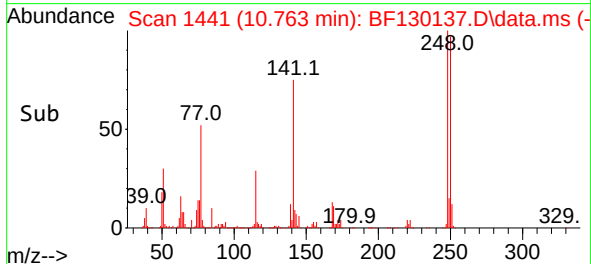
Instrument :
BNA_F
ClientSampleId :
PB147327BS



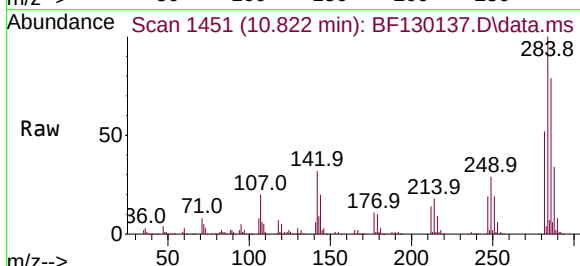
Tgt Ion:248 Resp: 406205
Ion Ratio Lower Upper
248 100
250 97.1 77.8 116.6
141 74.9 66.2 99.2

Manual Integrations
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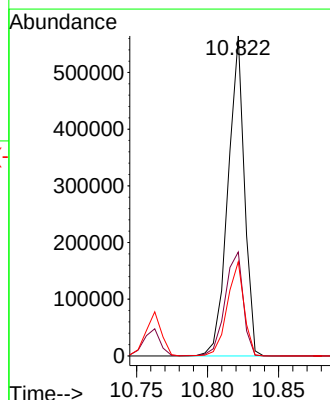
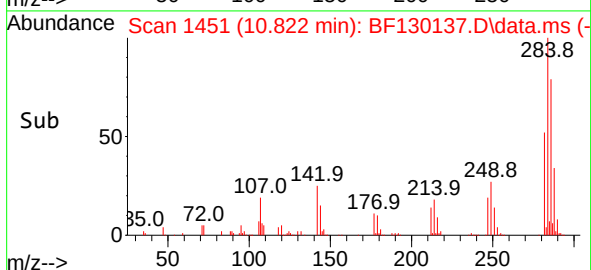
Reviewed By :Christian Giraldo 09/07/2022
Supervised By :Jagrut Upadhyay 09/07/2022

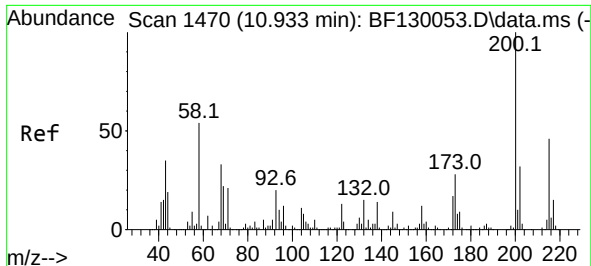


#68
Hexachlorobenzene
Concen: 41.113 ng
RT: 10.822 min Scan# 1451
Delta R.T. -0.000 min
Lab File: BF130137.D
Acq: 06 Sep 2022 14:53



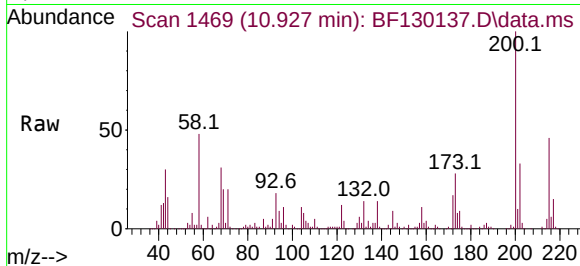
Tgt Ion:284 Resp: 455605
Ion Ratio Lower Upper
284 100
142 32.5 31.4 47.0
249 29.4 25.7 38.5





#69
 Atrazine
 Concen: 46.110 ng
 RT: 10.927 min Scan# 1469
 Delta R.T. -0.000 min
 Lab File: BF130137.D
 Acq: 06 Sep 2022 14:53

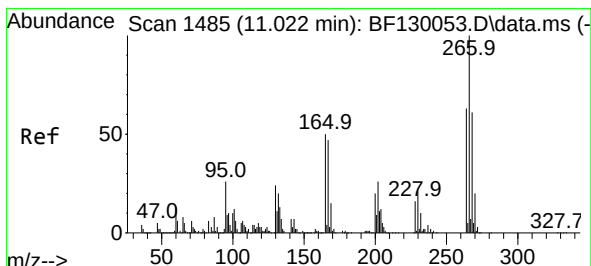
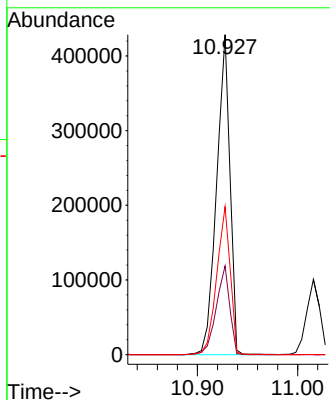
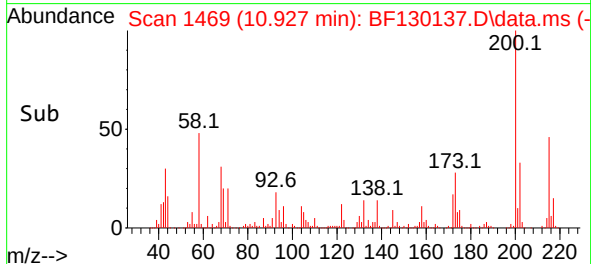
Instrument :
 BNA_F
 ClientSampleId :
 PB147327BS



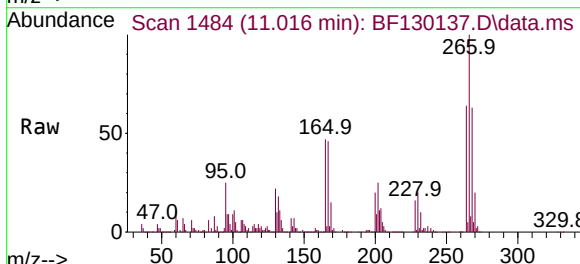
Tgt Ion:200 Resp: 398719
 Ion Ratio Lower Upper
 200 100
 173 27.7 6.4 46.4
 215 46.2 27.1 67.1

Manual Integrations
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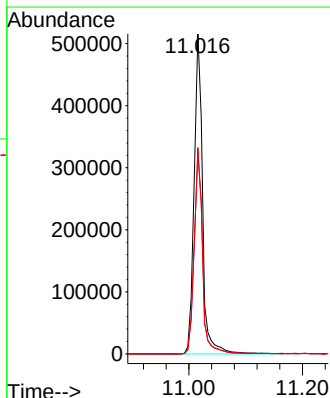
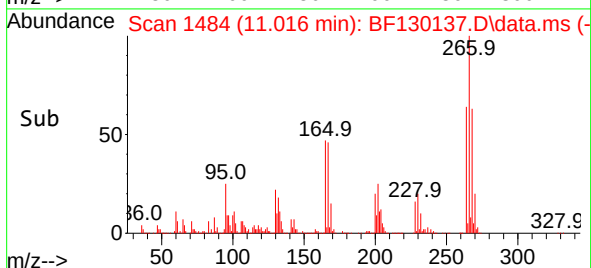
Reviewed By :Christian Giraldo 09/07/2022
 Supervised By :Jagrut Upadhyay 09/07/2022

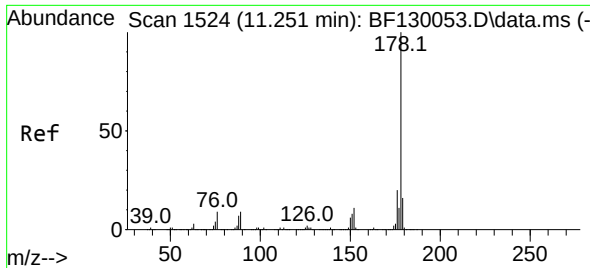


#70
 Pentachlorophenol
 Concen: 85.599 ng
 RT: 11.016 min Scan# 1484
 Delta R.T. -0.000 min
 Lab File: BF130137.D
 Acq: 06 Sep 2022 14:53



Tgt Ion:266 Resp: 530439
 Ion Ratio Lower Upper
 266 100
 268 63.1 49.0 73.4
 264 64.5 47.9 71.9





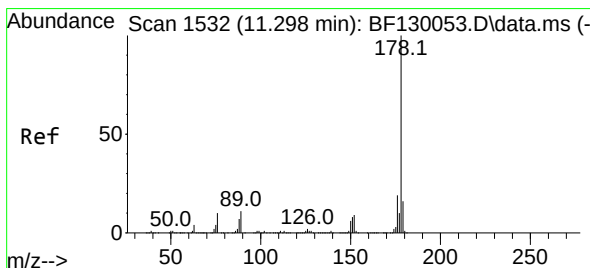
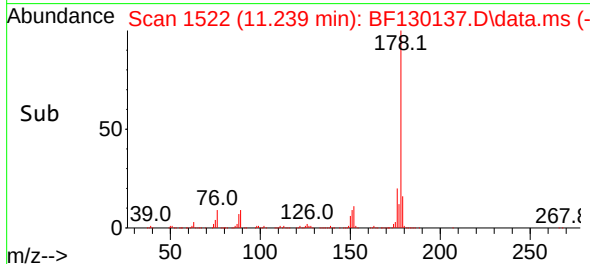
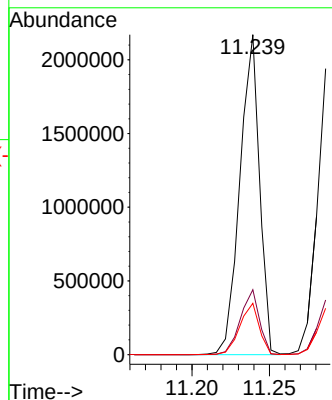
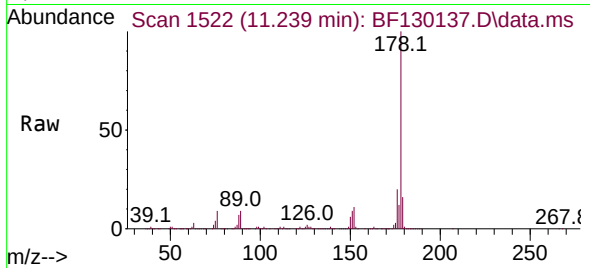
#71
Phenanthrene
Concen: 38.772 ng
RT: 11.239 min Scan# 11239
Delta R.T. -0.000 min
Lab File: BF130137.D
Acq: 06 Sep 2022 14:53

Instrument :
BNA_F
ClientSampleId :
PB147327BS

Tgt Ion:178 Resp: 1922556
Ion Ratio Lower Upper
178 100
176 20.3 15.5 23.3
179 16.0 12.5 18.7

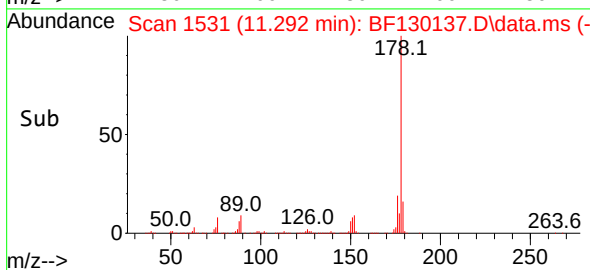
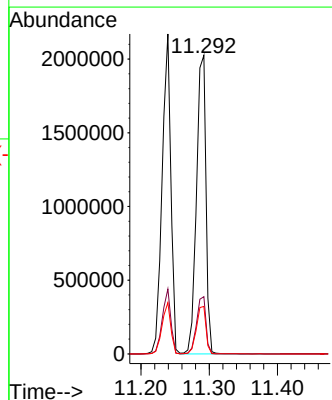
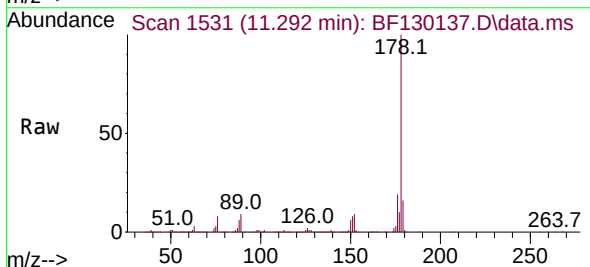
Manual Integrations
APPROVED

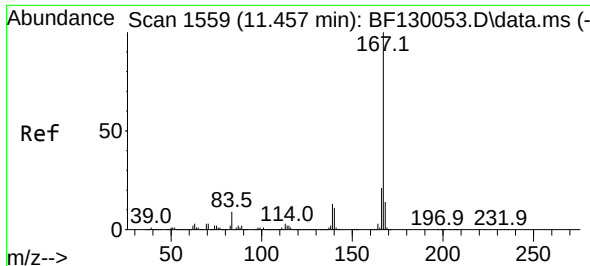
Reviewed By :Christian Giraldo 09/07/2022
Supervised By :Jagrut Upadhyay 09/07/2022



#72
Anthracene
Concen: 40.258 ng
RT: 11.292 min Scan# 1531
Delta R.T. 0.006 min
Lab File: BF130137.D
Acq: 06 Sep 2022 14:53

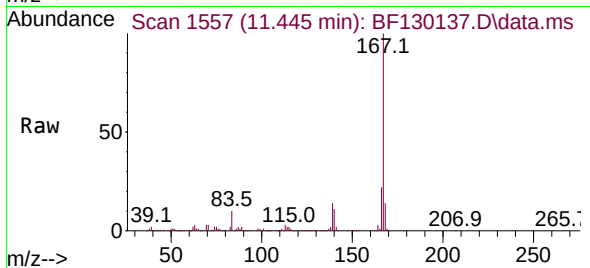
Tgt Ion:178 Resp: 1962358
Ion Ratio Lower Upper
178 100
176 19.2 15.1 22.7
179 15.9 12.6 18.8





#73
 Carbazole
 Concen: 41.818 ng
 RT: 11.445 min Scan# 1557
 Delta R.T. -0.000 min
 Lab File: BF130137.D
 Acq: 06 Sep 2022 14:53

Instrument :
 BNA_F
 ClientSampleId :
 PB147327BS

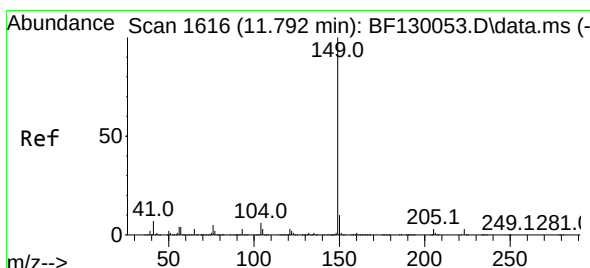
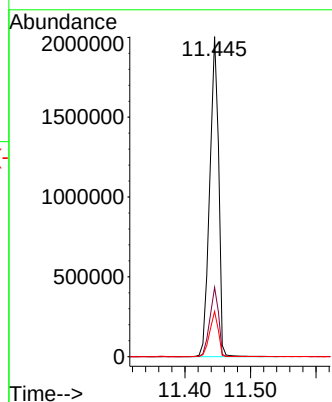
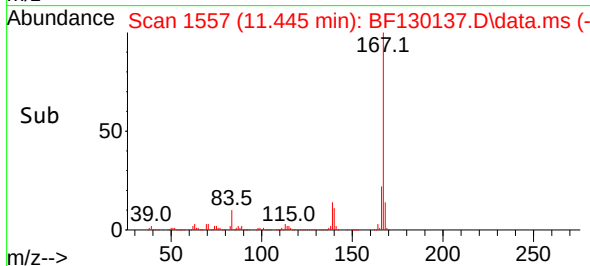


Tgt Ion:167 Resp: 1879742

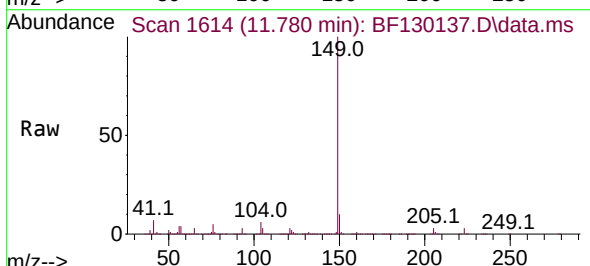
Ion	Ratio	Lower	Upper
167	100		
166	21.6	17.1	25.7
139	14.1	11.0	16.6

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Reviewed By :Christian Giraldo 09/07/2022
 Supervised By :Jagrut Upadhyay 09/07/2022

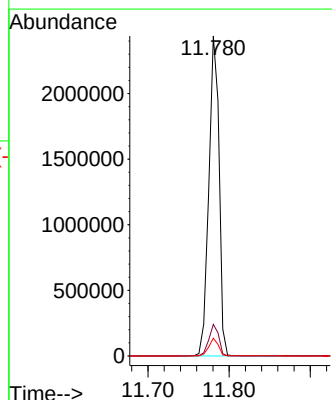
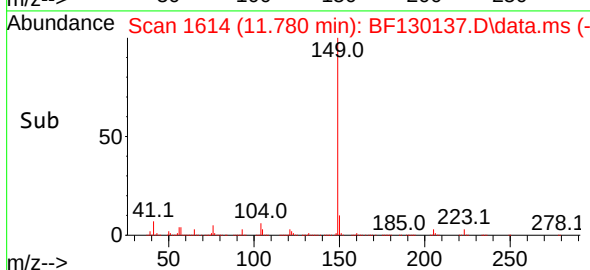


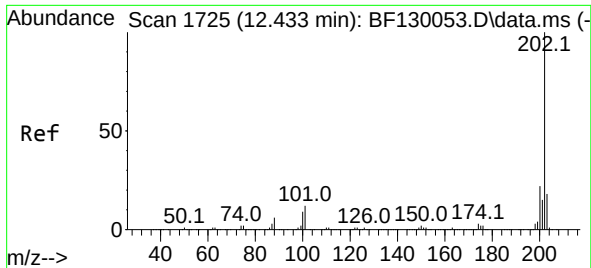
#74
 Di-n-butylphthalate
 Concen: 39.613 ng
 RT: 11.780 min Scan# 1614
 Delta R.T. -0.000 min
 Lab File: BF130137.D
 Acq: 06 Sep 2022 14:53



Tgt Ion:149 Resp: 2147129

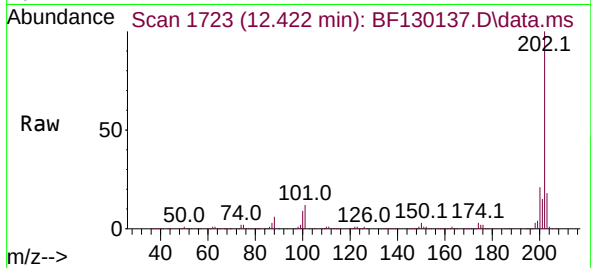
Ion	Ratio	Lower	Upper
149	100		
150	9.8	7.8	11.6
104	5.5	4.2	6.4





#75
Fluoranthene
Concen: 40.449 ng
RT: 12.422 min Scan# 1725
Delta R.T. -0.000 min
Lab File: BF130137.D
Acq: 06 Sep 2022 14:53

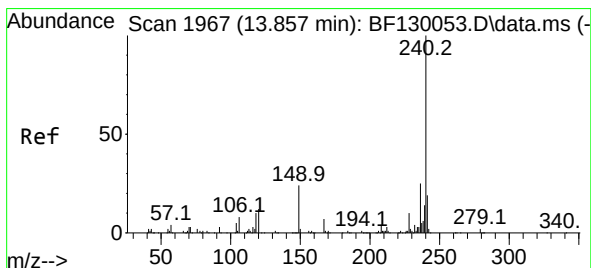
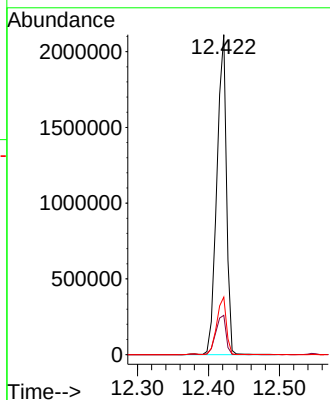
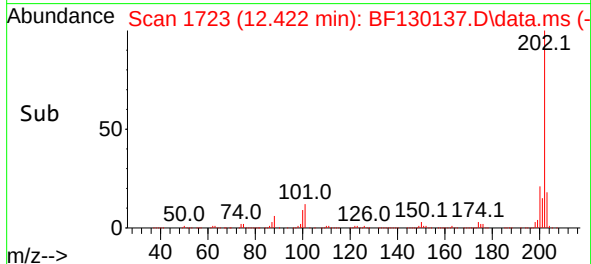
Instrument :
BNA_F
ClientSampleId :
PB147327BS



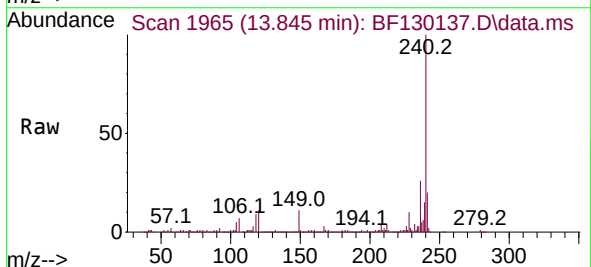
Tgt Ion:202 Resp: 1988912
Ion Ratio Lower Upper
202 100
101 12.3 0.0 30.7
203 18.0 0.0 37.5

Manual Integrations
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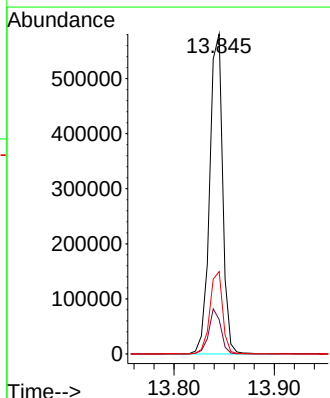
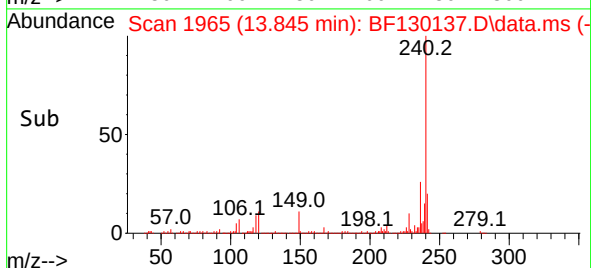
Reviewed By :Christian Giraldo 09/07/2022
Supervised By :Jagrut Upadhyay 09/07/2022

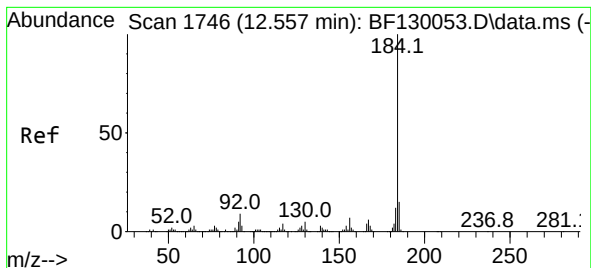


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.845 min Scan# 1965
Delta R.T. -0.000 min
Lab File: BF130137.D
Acq: 06 Sep 2022 14:53



Tgt Ion:240 Resp: 522868
Ion Ratio Lower Upper
240 100
120 10.7 9.2 13.8
236 25.7 20.7 31.1





#77

Benzidine

Concen: 60.794 ng

RT: 12.545 min Scan# 1744

Delta R.T. -0.000 min

Lab File: BF130137.D

Acq: 06 Sep 2022 14:53

Instrument :

BNA_F

ClientSampleId :

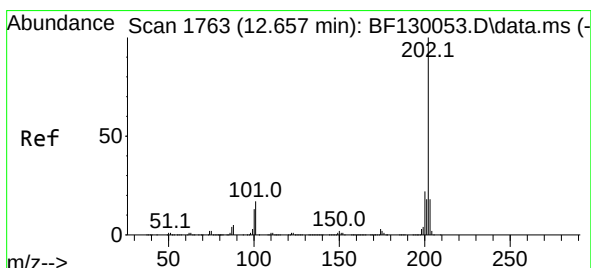
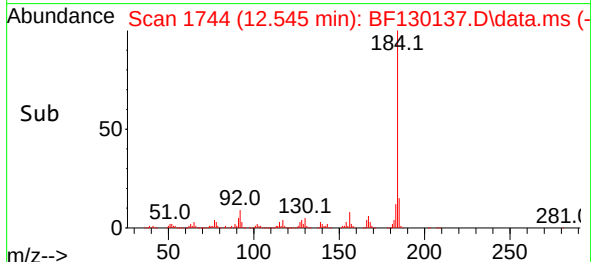
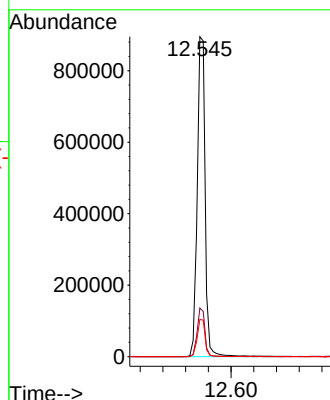
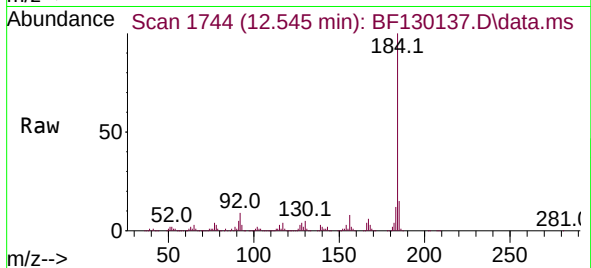
PB147327BS

Tgt Ion:184 Resp: 858222
 Ion Ratio Lower Upper
 184 100
 185 15.2 11.4 17.2
 183 11.6 9.4 14.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 09/07/2022
 Supervised By :Jagrut Upadhyay 09/07/2022



#78

Pyrene

Concen: 42.291 ng

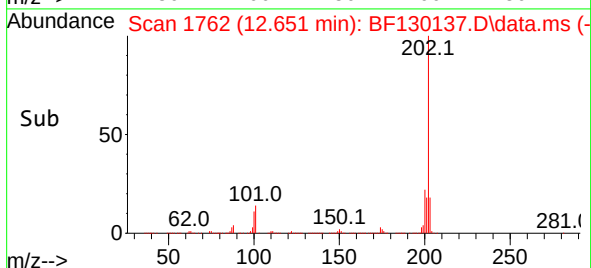
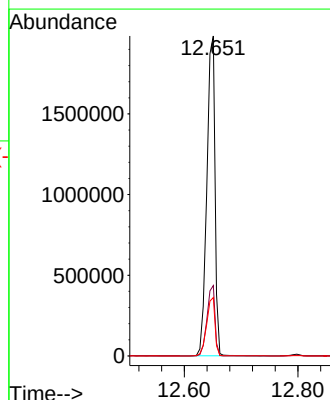
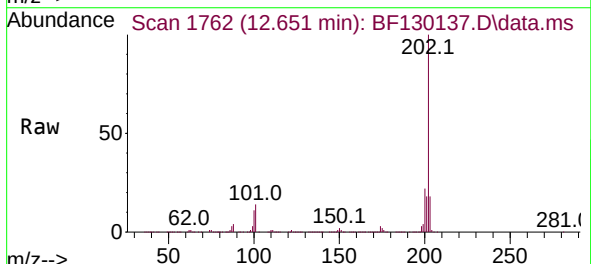
RT: 12.651 min Scan# 1762

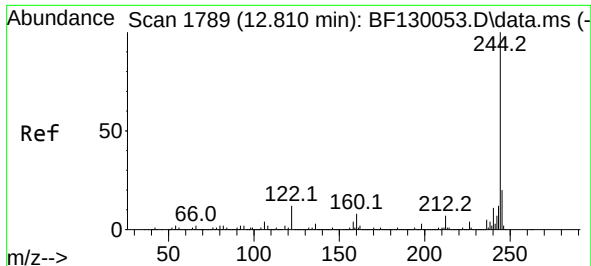
Delta R.T. -0.000 min

Lab File: BF130137.D

Acq: 06 Sep 2022 14:53

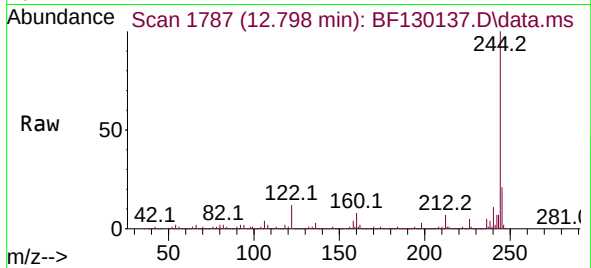
Tgt Ion:202 Resp: 1983406
 Ion Ratio Lower Upper
 202 100
 200 22.0 17.0 25.6
 203 18.2 14.1 21.1





#79
Terphenyl-d14
Concen: 90.573 ng
RT: 12.798 min Scan# 1789
Delta R.T. -0.000 min
Lab File: BF130137.D
Acq: 06 Sep 2022 14:53

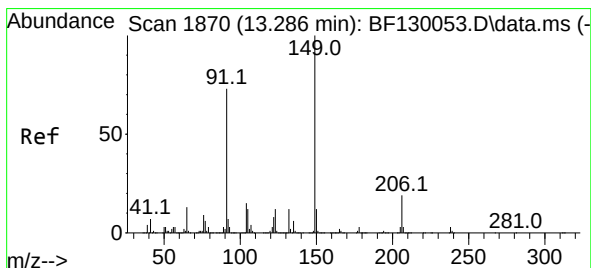
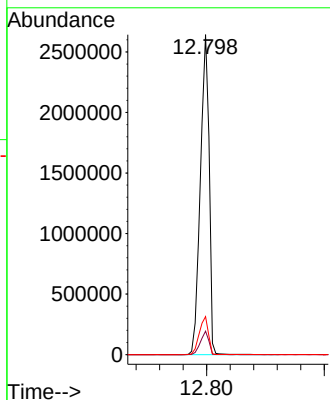
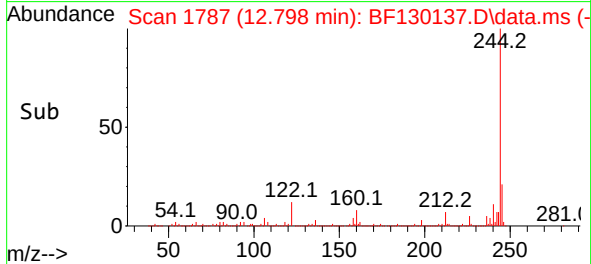
Instrument :
BNA_F
ClientSampleId :
PB147327BS



Tgt Ion:244 Resp: 2730933
Ion Ratio Lower Upper
244 100
212 7.3 5.9 8.9
122 11.9 9.9 14.9

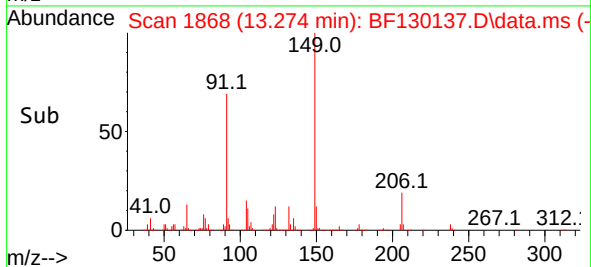
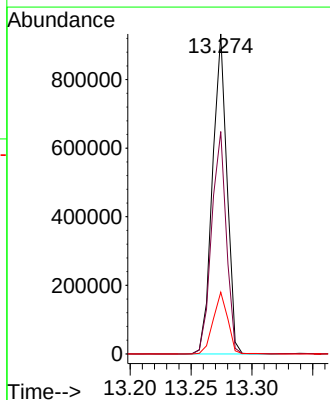
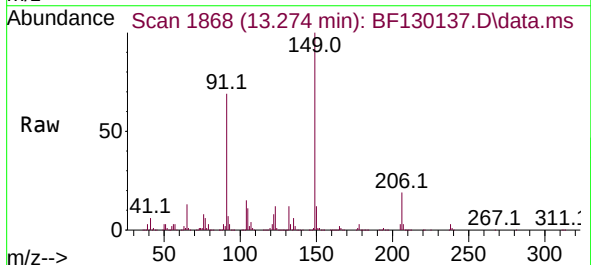
Manual Integrations
APPROVED

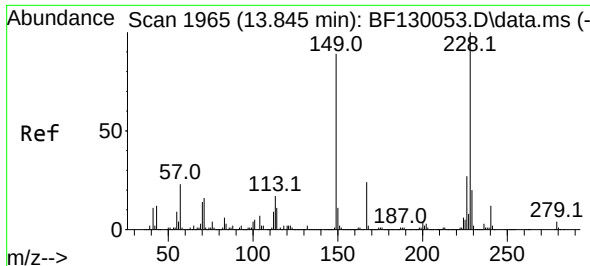
Reviewed By :Christian Giraldo 09/07/2022
Supervised By :Jagrut Upadhyay 09/07/2022



#80
Butylbenzylphthalate
Concen: 41.163 ng
RT: 13.274 min Scan# 1868
Delta R.T. -0.000 min
Lab File: BF130137.D
Acq: 06 Sep 2022 14:53

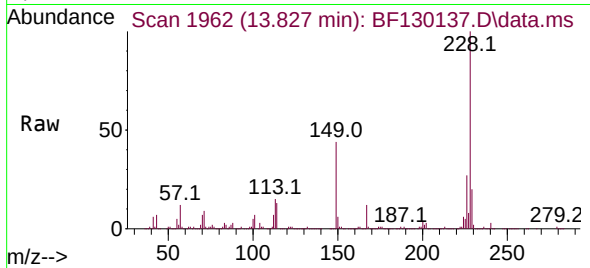
Tgt Ion:149 Resp: 767849
Ion Ratio Lower Upper
149 100
91 69.5 55.4 83.0
206 19.3 15.8 23.6





#81
Benzo(a)anthracene
Concen: 40.166 ng
RT: 13.827 min Scan# 1962
Delta R.T. -0.006 min
Lab File: BF130137.D
Acq: 06 Sep 2022 14:53

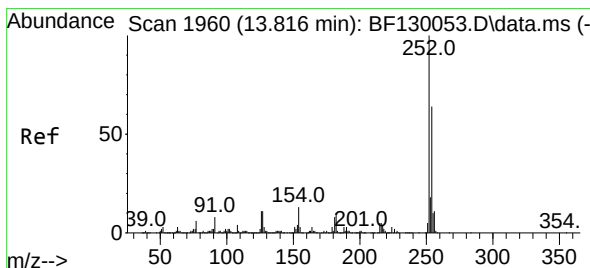
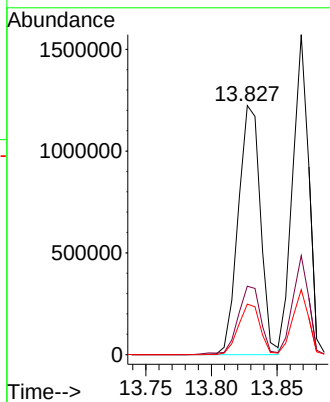
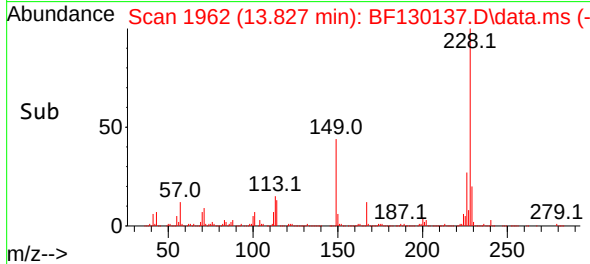
Instrument :
BNA_F
ClientSampleId :
PB147327BS



Tgt Ion:228 Resp: 1439254
Ion Ratio Lower Upper
228 100
226 27.4 21.4 32.0
229 20.3 16.1 24.1

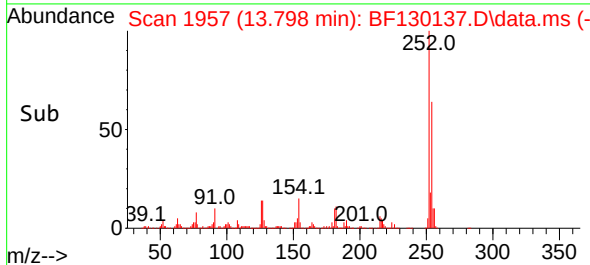
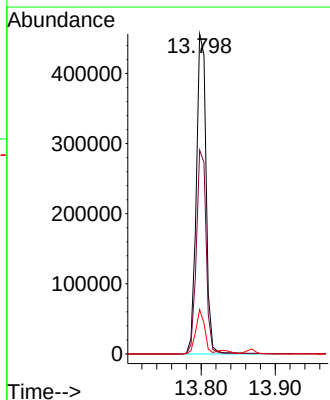
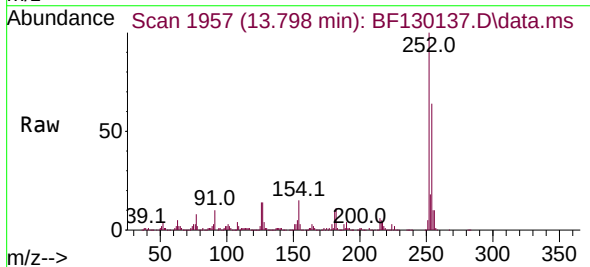
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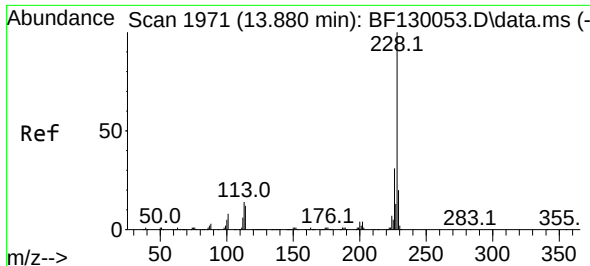
Reviewed By :Christian Giraldo 09/07/2022
Supervised By :Jagrut Upadhyay 09/07/2022



#82
3,3'-Dichlorobenzidine
Concen: 37.619 ng
RT: 13.798 min Scan# 1957
Delta R.T. -0.006 min
Lab File: BF130137.D
Acq: 06 Sep 2022 14:53

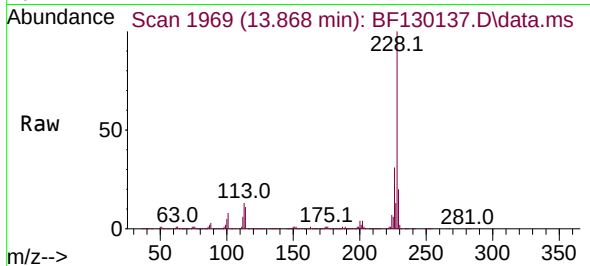
Tgt Ion:252 Resp: 420365
Ion Ratio Lower Upper
252 100
254 63.7 51.4 77.2
126 13.8 10.2 15.4





#83
Chrysene
Concen: 38.396 ng
RT: 13.868 min Scan# 1971
Delta R.T. -0.000 min
Lab File: BF130137.D
Acq: 06 Sep 2022 14:53

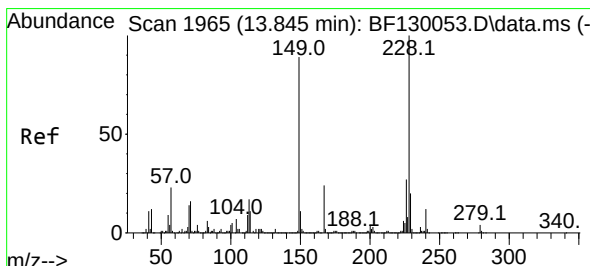
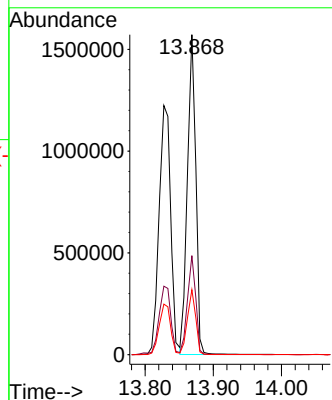
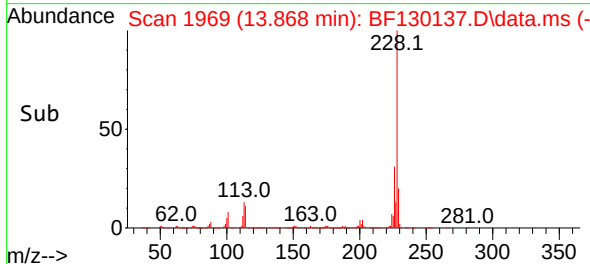
Instrument :
BNA_F
ClientSampleId :
PB147327BS



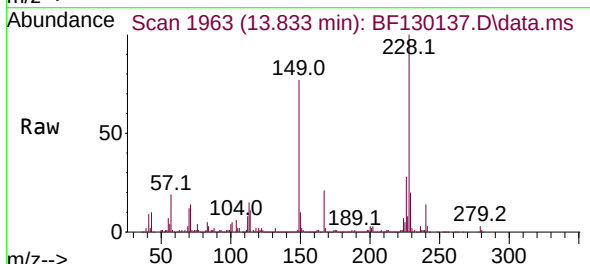
Tgt Ion:228 Resp: 135645
Ion Ratio Lower Upper
228 100
226 30.9 24.4 36.6
229 20.3 15.9 23.9

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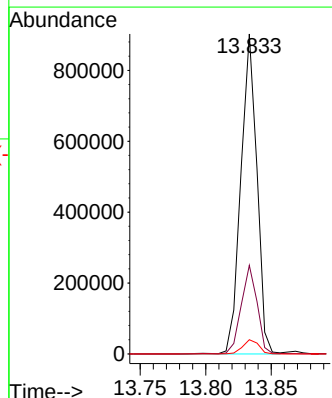
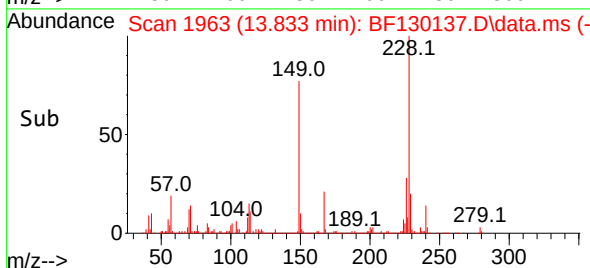
Reviewed By :Christian Giraldo 09/07/2022
Supervised By :Jagrut Upadhyay 09/07/2022

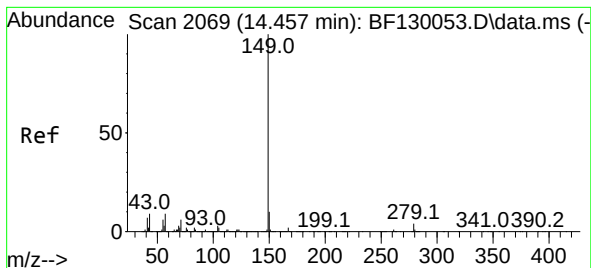


#84
Bis(2-ethylhexyl)phthalate
Concen: 33.034 ng
RT: 13.833 min Scan# 1963
Delta R.T. -0.000 min
Lab File: BF130137.D
Acq: 06 Sep 2022 14:53



Tgt Ion:149 Resp: 765959
Ion Ratio Lower Upper
149 100
167 27.7 22.0 33.0
279 4.4 3.6 5.4





#85

Di-n-octyl phthalate

Concen: 32.812 ng

RT: 14.445 min Scan# 2069

Delta R.T. -0.000 min

Lab File: BF130137.D

Acq: 06 Sep 2022 14:53

Instrument :

BNA_F

ClientSampleId :

PB147327BS

Tgt Ion:149 Resp: 1201790

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

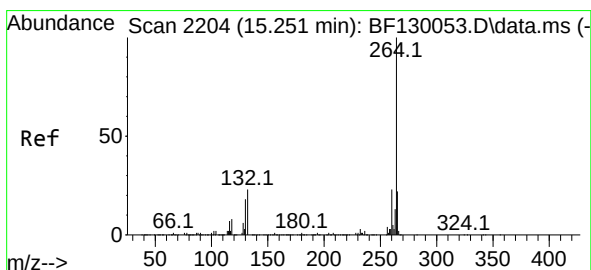
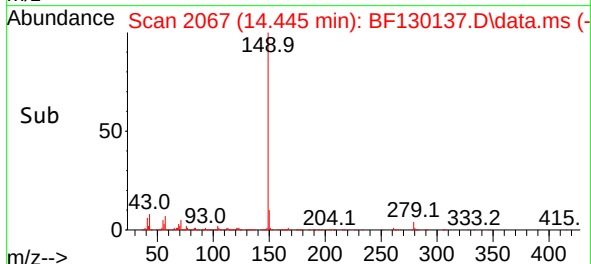
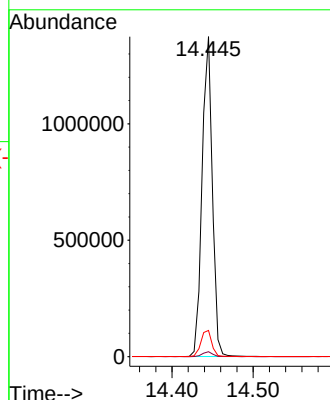
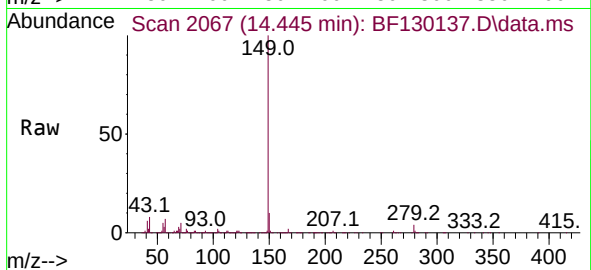
43 8.7 7.8 11.6

Manual Integrations

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Reviewed By :Christian Giraldo 09/07/2022

Supervised By :Jagrut Upadhyay 09/07/2022



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.239 min Scan# 2202

Delta R.T. -0.000 min

Lab File: BF130137.D

Acq: 06 Sep 2022 14:53

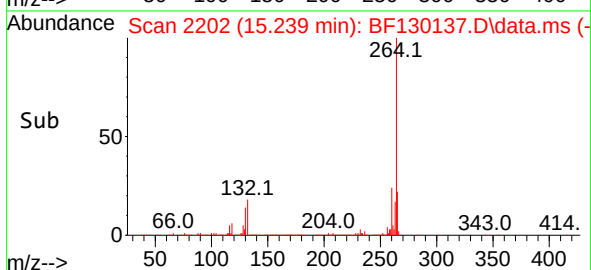
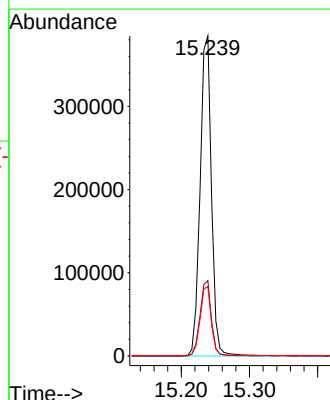
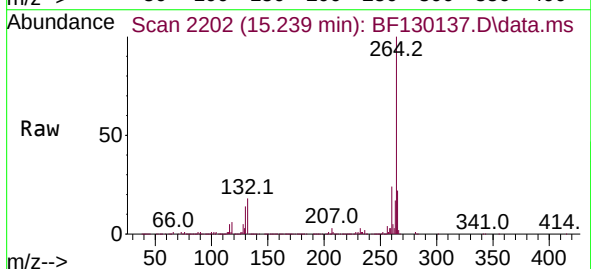
Tgt Ion:264 Resp: 444790

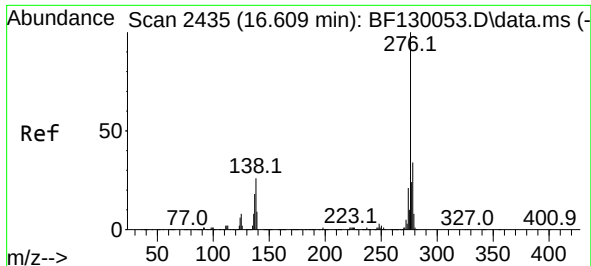
Ion Ratio Lower Upper

264 100

260 23.5 19.1 28.7

265 21.7 16.7 25.1





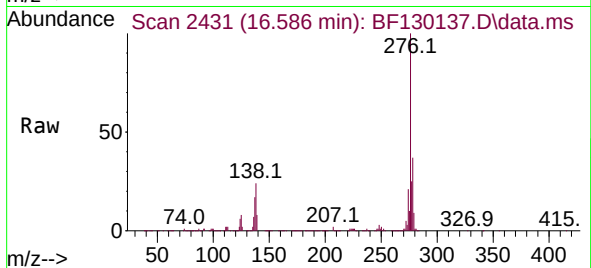
#87
Indeno(1,2,3-cd)pyrene
Concen: 47.809 ng
RT: 16.586 min Scan# 2435
Delta R.T. -0.000 min
Lab File: BF130137.D
Acq: 06 Sep 2022 14:53

Instrument :

BNA_F

ClientSampleId :

PB147327BS

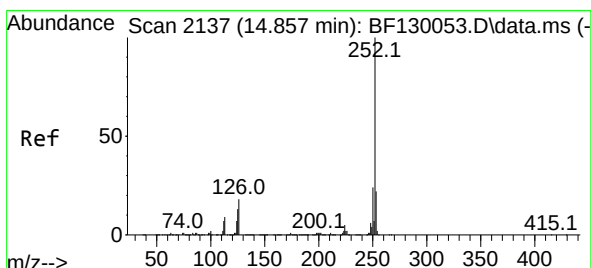
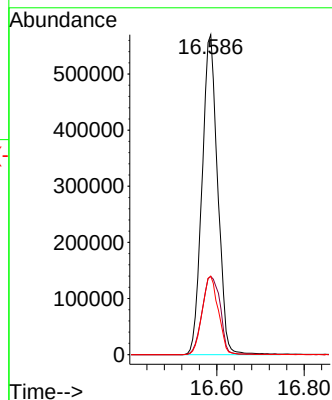
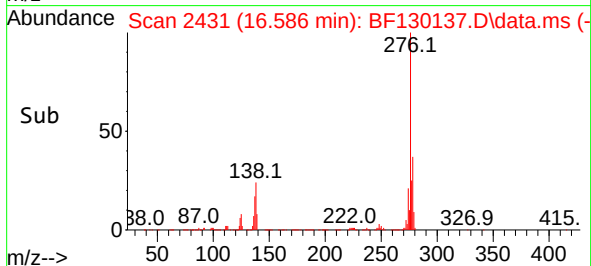


Tgt Ion:276 Resp: 1402744
Ion Ratio Lower Upper
276 100
138 28.3 19.8 29.8
277 25.5 20.4 30.6

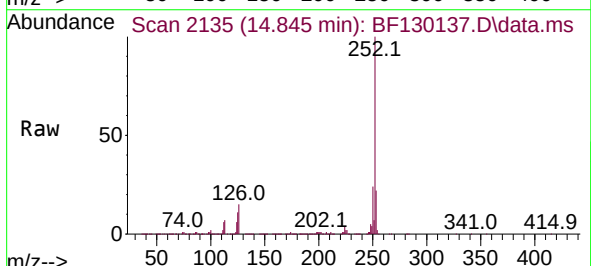
Manual Integrations

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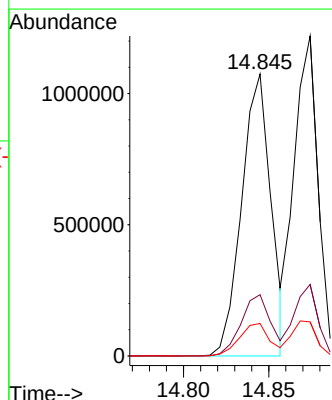
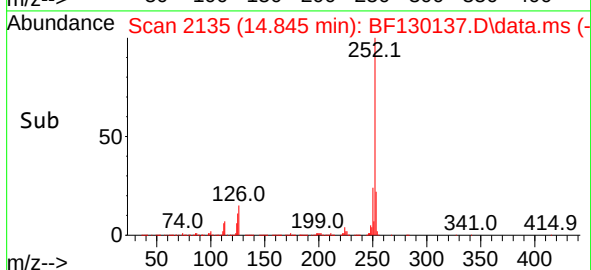
Reviewed By :Christian Giraldo 09/07/2022
Supervised By :Jagrut Upadhyay 09/07/2022

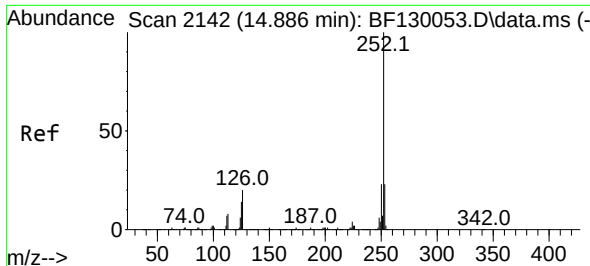


#88
Benzo(b)fluoranthene
Concen: 43.204 ng
RT: 14.845 min Scan# 2135
Delta R.T. -0.000 min
Lab File: BF130137.D
Acq: 06 Sep 2022 14:53



Tgt Ion:252 Resp: 1281489
Ion Ratio Lower Upper
252 100
253 21.7 17.5 26.3
125 11.5 8.3 12.5





#89

Benzo(k)fluoranthene

Concen: 41.773 ng

RT: 14.874 min Scan# 2140

Delta R.T. -0.000 min

Lab File: BF130137.D

Acq: 06 Sep 2022 14:53

Instrument :

BNA_F

ClientSampleId :

PB147327BS

Tgt Ion:252 Resp: 1198356

Ion Ratio Lower Upper

252 100

253 22.3 17.1 25.7

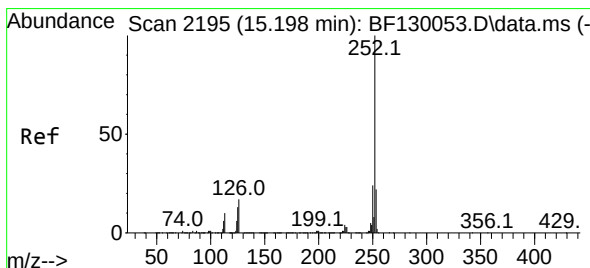
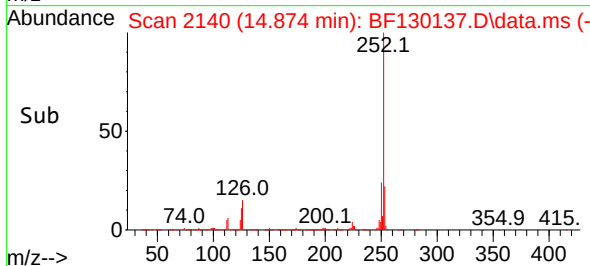
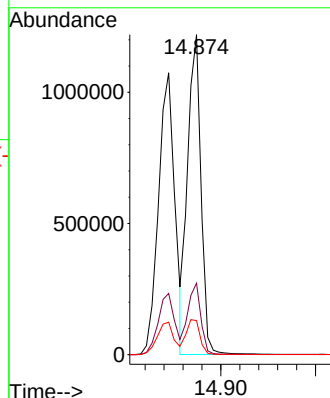
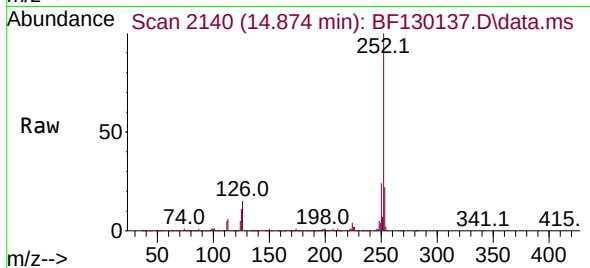
125 10.6 8.3 12.5

Manual Integrations

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Reviewed By :Christian Giraldo 09/07/2022

Supervised By :Jagrut Upadhyay 09/07/2022



#90

Benzo(a)pyrene

Concen: 46.079 ng

RT: 15.180 min Scan# 2192

Delta R.T. -0.000 min

Lab File: BF130137.D

Acq: 06 Sep 2022 14:53

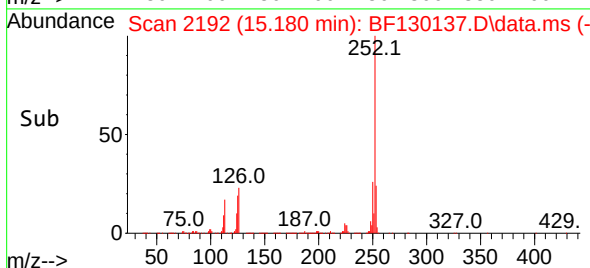
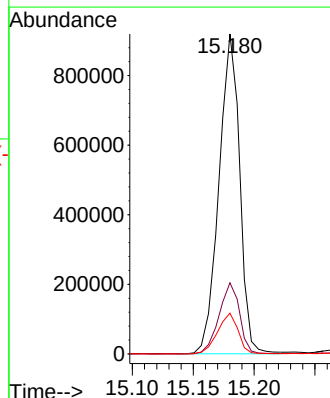
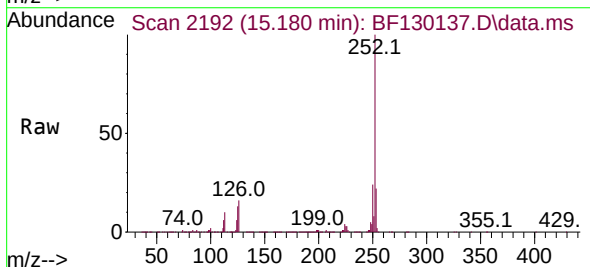
Tgt Ion:252 Resp: 1086053

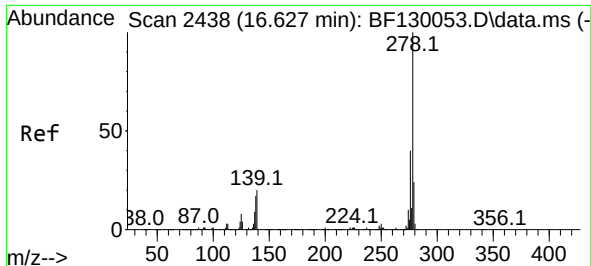
Ion Ratio Lower Upper

252 100

253 22.2 17.2 25.8

125 12.7 8.8 13.2





#91
Dibenzo(a,h)anthracene
Concen: 49.907 ng
RT: 16.604 min Scan# 2438
Delta R.T. -0.006 min
Lab File: BF130137.D
Acq: 06 Sep 2022 14:53

Instrument :

BNA_F

ClientSampleId :

PB147327BS

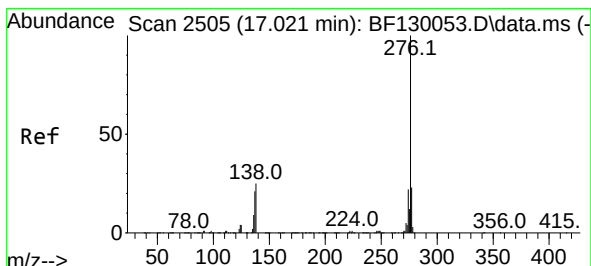
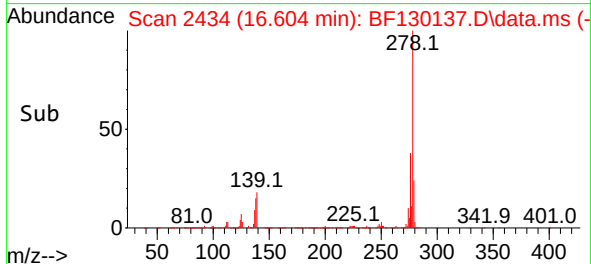
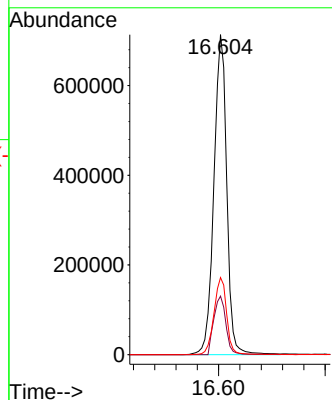
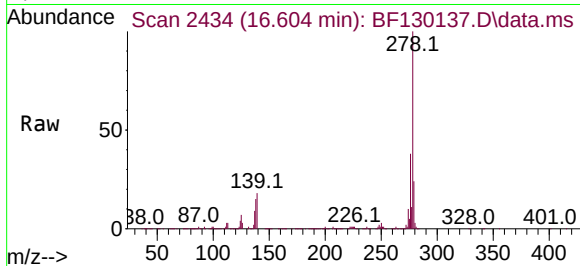
Tgt Ion:278 Resp: 1198170
Ion Ratio Lower Upper
278 100
139 18.3 12.2 18.4
279 24.1 18.7 28.1

Manual Integrations

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Reviewed By :Christian Giraldo 09/07/2022

Supervised By :Jagrut Upadhyay 09/07/2022



#92
Benzo(g,h,i)perylene
Concen: 51.963 ng
RT: 16.992 min Scan# 2500
Delta R.T. -0.006 min
Lab File: BF130137.D
Acq: 06 Sep 2022 14:53

Tgt Ion:276 Resp: 1248160
Ion Ratio Lower Upper
276 100
277 24.1 18.2 27.4
138 24.8 15.8 23.8#

