

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092822\
 Data File : BF130445.D
 Acq On : 28 Sep 2022 13:15
 Operator : CG\JU
 Sample : PB147926BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB147926BS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 09/29/2022
 Supervised By : Jagrut Upadhyay 09/29/2022

Quant Time: Sep 29 02:13:24 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 28 02:59:31 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.645	152	117649	20.000	ng	0.00
21) Naphthalene-d8	7.928	136	454562	20.000	ng	# 0.00
39) Acenaphthene-d10	9.681	164	235782	20.000	ng	0.00
64) Phenanthrene-d10	11.163	188	398726	20.000	ng	0.00
76) Chrysene-d12	13.792	240	243428	20.000	ng	0.00
86) Perylene-d12	15.180	264	198802	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.263	112	908540	133.943	ng	0.02
7) Phenol-d6	6.293	99	1103625	130.035	ng	0.00
23) Nitrobenzene-d5	7.216	82	696986	78.335	ng	0.00
42) 2,4,6-Tribromophenol	10.475	330	353230	156.349	ng	0.00
45) 2-Fluorobiphenyl	9.010	172	1371748	84.719	ng	0.00
79) Terphenyl-d14	12.745	244	1418112	96.500	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.346	88	98640	31.664	ng	96
3) Pyridine	3.022	79	261922	32.231	ng	89
4) n-Nitrosodimethylamine	2.981	42	156424	35.392	ng	91
6) Aniline	6.310	93	402034	38.446	ng	# 40
8) 2-Chlorophenol	6.428	128	357668	46.290	ng	95
9) Benzaldehyde	6.193	77	207831	36.557	ng	92
10) Phenol	6.310	94	419857	42.213	ng	# 75
11) bis(2-Chloroethyl)ether	6.393	93	316648	44.139	ng	90
12) 1,3-Dichlorobenzene	6.587	146	387888	45.623	ng	95
13) 1,4-Dichlorobenzene	6.663	146	392263	45.244	ng	98
14) 1,2-Dichlorobenzene	6.816	146	370451	45.739	ng	97
15) Benzyl Alcohol	6.798	79	239248	35.554	ng	95
16) 2,2'-oxybis(1-Chloropr...	6.928	45	384895	36.785	ng	85
17) 2-Methylphenol	6.916	107	294064	46.817	ng	98
18) Hexachloroethane	7.151	117	145994	42.719	ng	96
19) n-Nitroso-di-n-propyla...	7.069	70	230051	40.170	ng	92
20) 3+4-Methylphenols	7.069	107	354229	43.413	ng	# 74
22) Acetophenone	7.063	105	496090	44.639	ng	92
24) Nitrobenzene	7.234	77	361526	40.016	ng	96
25) Isophorone	7.475	82	629420	43.890	ng	97
26) 2-Nitrophenol	7.551	139	188383	50.866	ng	# 83
27) 2,4-Dimethylphenol	7.592	122	284421	49.877	ng	97
28) bis(2-Chloroethoxy)met...	7.687	93	383238	47.459	ng	99
29) 2,4-Dichlorophenol	7.792	162	288676	46.195	ng	98
30) 1,2,4-Trichlorobenzene	7.869	180	304841	45.121	ng	97
31) Naphthalene	7.951	128	1006099	42.962	ng	99
32) Benzoic acid	7.745	122	184865	41.921	ng	91
33) 4-Chloroaniline	8.004	127	298386	33.501	ng	97
34) Hexachlorobutadiene	8.069	225	195116	45.189	ng	100
35) Caprolactam	8.387	113	88485m	49.393	ng	
36) 4-Chloro-3-methylphenol	8.498	107	312035	45.049	ng	98
37) 2-Methylnaphthalene	8.639	142	654797	43.854	ng	99
38) 1-Methylnaphthalene	8.739	142	618589	43.126	ng	100
40) 1,2,4,5-Tetrachloroben...	8.810	216	307387	47.771	ng	99
41) Hexachlorocyclopentadiene	8.792	237	361080	104.812	ng	99
43) 2,4,6-Trichlorophenol	8.928	196	203905	45.405	ng	95

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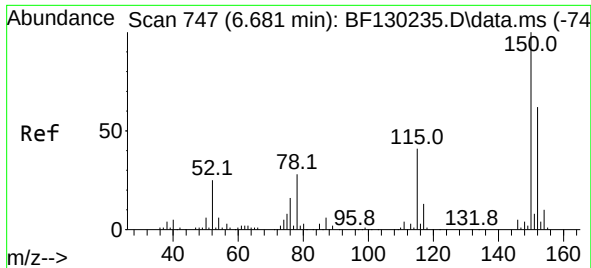
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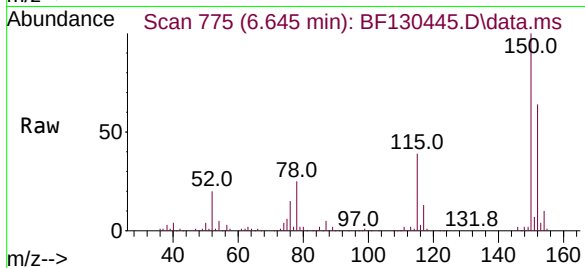
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	8.969	196	220489	45.499	ng	97
46) 1,1'-Biphenyl	9.110	154	807419	45.852	ng	97
47) 2-Chloronaphthalene	9.134	162	628591	44.128	ng	95
48) 2-Nitroaniline	9.234	65	185662	39.078	ng	87
49) Acenaphthylene	9.545	152	948591	44.414	ng	100
50) Dimethylphthalate	9.416	163	725292	44.532	ng	99
51) 2,6-Dinitrotoluene	9.481	165	163730	48.068	ng	# 73
52) Acenaphthene	9.716	154	676327m	48.196	ng	
53) 3-Nitroaniline	9.645	138	125903	33.172	ng	93
54) 2,4-Dinitrophenol	9.757	184	167411	89.774	ng	# 84
55) Dibenzofuran	9.886	168	863879	44.259	ng	98
56) 4-Nitrophenol	9.822	139	235559	85.211	ng	85
57) 2,4-Dinitrotoluene	9.881	165	211724	48.637	ng	# 92
58) Fluorene	10.228	166	696564	43.637	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.010	232	173157	45.651	ng	92
60) Diethylphthalate	10.116	149	696566	42.649	ng	98
61) 4-Chlorophenyl-phenyle...	10.222	204	324388	46.325	ng	100
62) 4-Nitroaniline	10.263	138	168358	44.156	ng	85
63) Azobenzene	10.381	77	637142	37.885	ng	97
65) 4,6-Dinitro-2-methylph...	10.286	198	108656	48.953	ng	91
66) n-Nitrosodiphenylamine	10.345	169	589623	44.252	ng	98
67) 4-Bromophenyl-phenylether	10.710	248	206191	46.877	ng	98
68) Hexachlorobenzene	10.775	284	239979	48.129	ng	94
69) Atrazine	10.880	200	193475	49.688	ng	95
70) Pentachlorophenol	10.975	266	231122	86.369	ng	98
71) Phenanthrene	11.186	178	986993	44.089	ng	100
72) Anthracene	11.239	178	991568	45.899	ng	100
73) Carbazole	11.398	167	896884	46.002	ng	99
74) Di-n-butylphthalate	11.733	149	1025683	43.626	ng	98
75) Fluoranthene	12.369	202	982522	45.421	ng	99
77) Benzidine	12.498	184	397374	56.234	ng	99
78) Pyrene	12.598	202	1000809	46.997	ng	99
80) Butylbenzylphthalate	13.222	149	375231	47.564	ng	96
81) Benzo(a)anthracene	13.780	228	739613	45.672	ng	99
82) 3,3'-Dichlorobenzidine	13.751	252	203087	46.070	ng	97
83) Chrysene	13.821	228	685941	44.610	ng	99
84) Bis(2-ethylhexyl)phtha...	13.780	149	421966	46.697	ng	98
85) Di-n-octyl phthalate	14.392	149	574155	41.542	ng	# 95
87) Indeno(1,2,3-cd)pyrene	16.504	276	645695	45.801	ng	98
88) Benzo(b)fluoranthene	14.792	252	623885	48.081	ng	98
89) Benzo(k)fluoranthene	14.821	252	581051m	45.522	ng	
90) Benzo(a)pyrene	15.121	252	520316	50.615	ng	98
91) Dibenzo(a,h)anthracene	16.521	278	554499	47.945	ng	98
92) Benzo(g,h,i)perylene	16.904	276	562836	48.311	ng	100

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



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.645 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: BF130445.D
 Acq: 28 Sep 2022 13:15

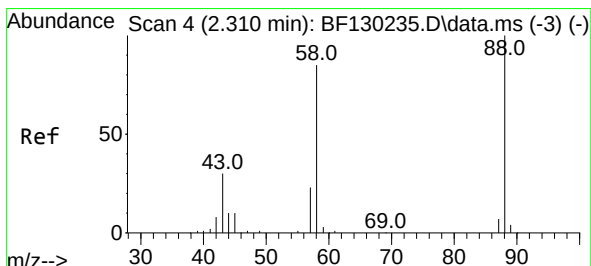
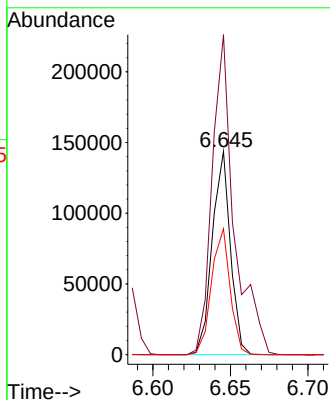
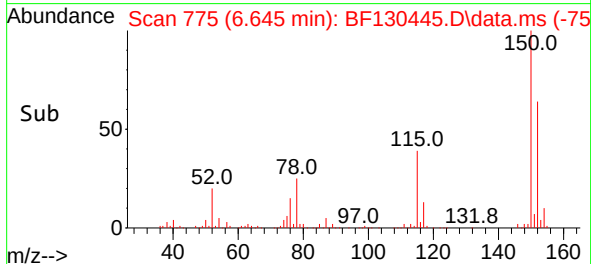
Instrument :
 BNA_F
 ClientSampleId :
 PB147926BS



Tgt Ion:152 Resp: 117649
 Ion Ratio Lower Upper
 152 100
 150 157.4 122.8 184.2
 115 61.9 53.8 80.8

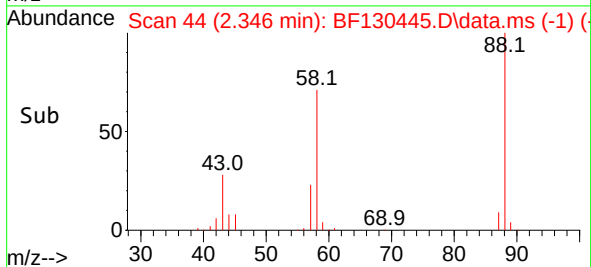
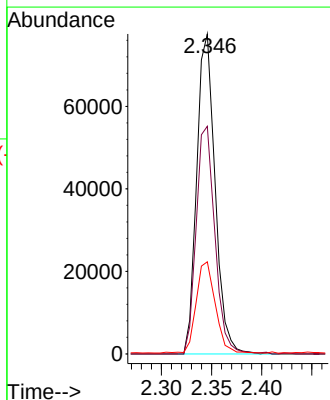
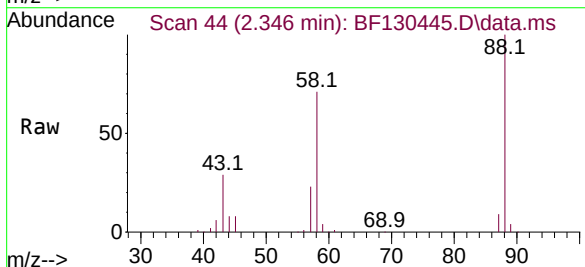
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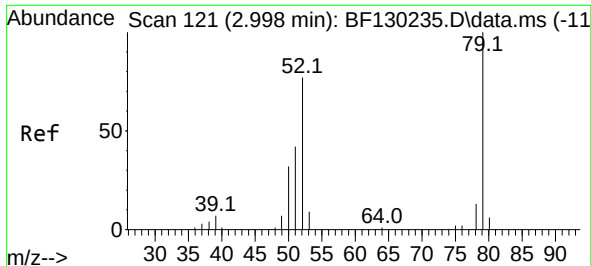
Reviewed By :Christian Giraldo 09/29/2022
 Supervised By :Jagrut Upadhyay 09/29/2022



#2
 1,4-Dioxane
 Concen: 31.664 ng
 RT: 2.346 min Scan# 44
 Delta R.T. 0.082 min
 Lab File: BF130445.D
 Acq: 28 Sep 2022 13:15

Tgt Ion: 88 Resp: 98640
 Ion Ratio Lower Upper
 88 100
 58 72.6 61.3 91.9
 43 29.9 23.0 34.6





#3

Pyridine

Concen: 32.231 ng

RT: 3.022 min Scan# 11

Delta R.T. 0.082 min

Lab File: BF130445.D

Acq: 28 Sep 2022 13:15

Instrument :

BNA_F

ClientSampleId :

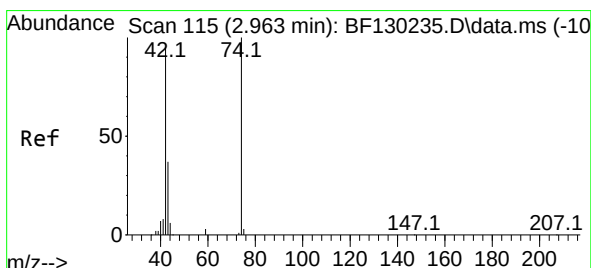
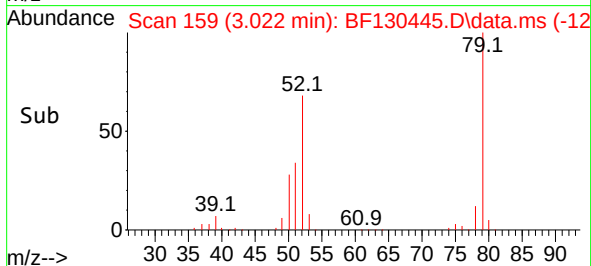
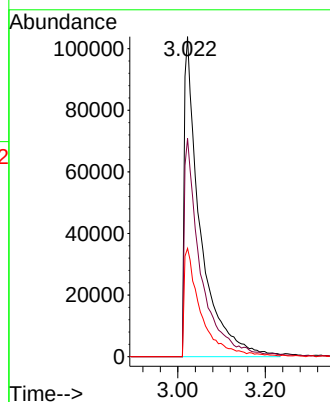
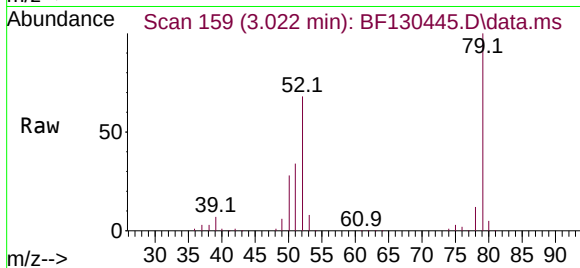
PB147926BS

Tgt Ion:	79	Resp:	26192
Ion Ratio	Lower	Upper	
79	100		
52	68.2	62.4	93.6
51	33.8	32.2	48.4

Manual Integrations

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#4

n-Nitrosodimethylamine

Concen: 35.392 ng

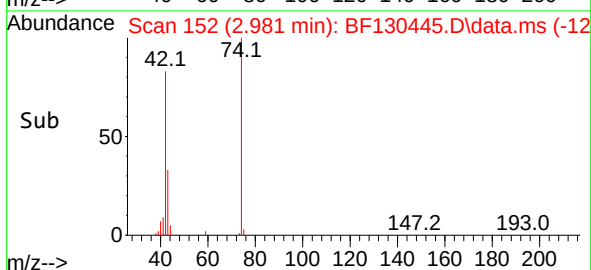
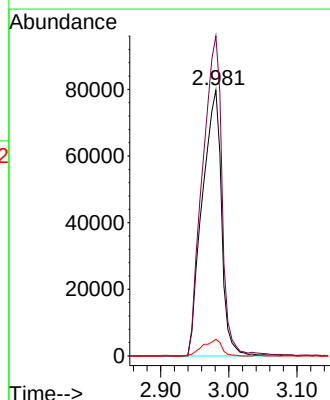
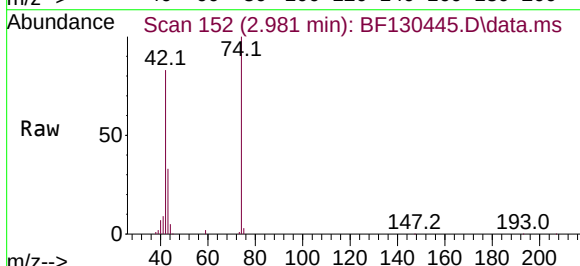
RT: 2.981 min Scan# 152

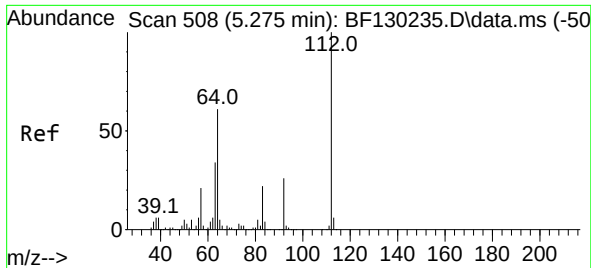
Delta R.T. 0.077 min

Lab File: BF130445.D

Acq: 28 Sep 2022 13:15

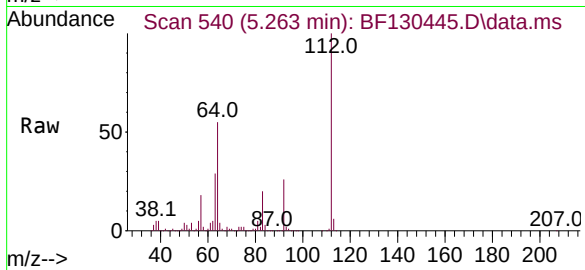
Tgt Ion:	42	Resp:	156424
Ion Ratio	Lower	Upper	
42	100		
74	120.4	88.4	132.6
44	6.2	5.0	7.4





#5
2-Fluorophenol
Concen: 133.943 ng
RT: 5.263 min Scan# 54
Delta R.T. 0.018 min
Lab File: BF130445.D
Acq: 28 Sep 2022 13:15

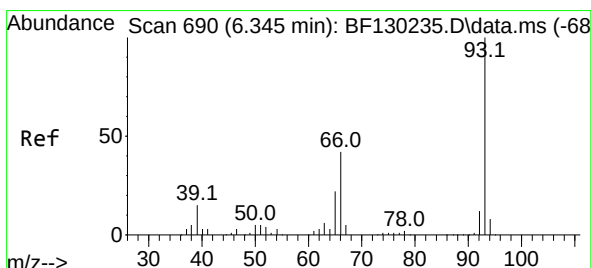
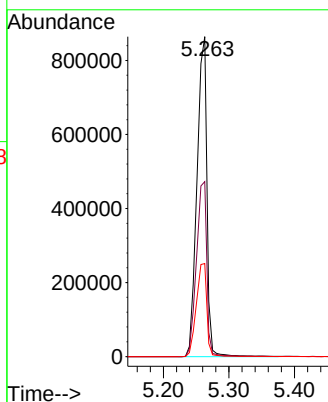
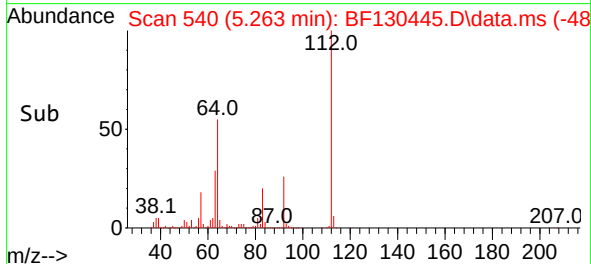
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Tgt Ion:112 Resp: 908540
Ion Ratio Lower Upper
112 100
64 54.7 51.4 77.0
63 29.1 28.8 43.2

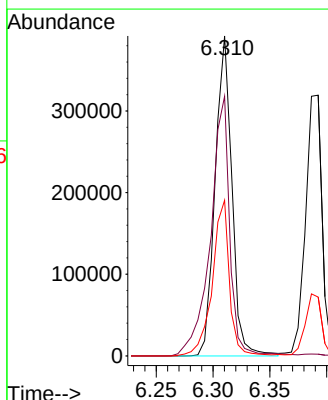
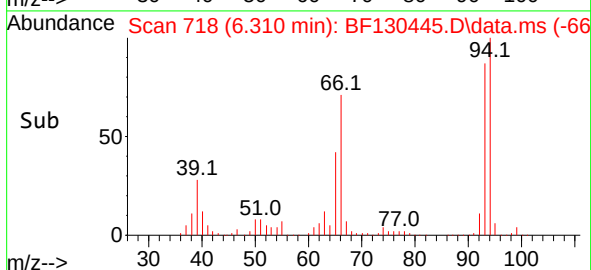
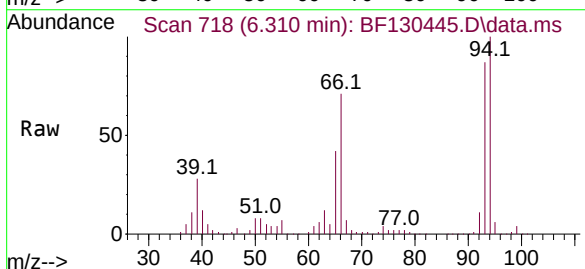
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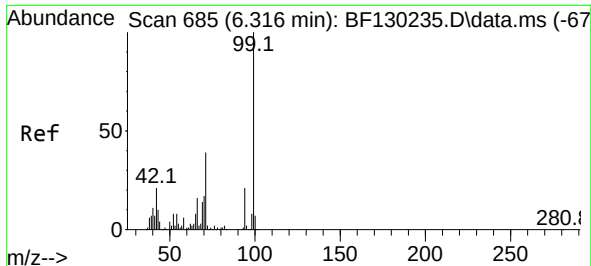
Reviewed By :Christian Giraldo 09/29/2022
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#6
Aniline
Concen: 38.446 ng
RT: 6.310 min Scan# 718
Delta R.T. 0.000 min
Lab File: BF130445.D
Acq: 28 Sep 2022 13:15

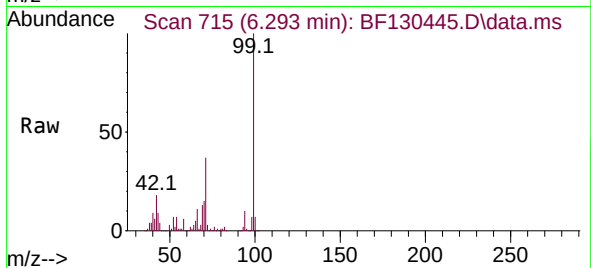
Tgt Ion: 93 Resp: 402034
Ion Ratio Lower Upper
93 100
66 81.1 34.2 51.4#
65 48.6 16.6 24.8#





#7
Phenol-d6
Concen: 130.035 ng
RT: 6.293 min Scan# 715
Delta R.T. 0.000 min
Lab File: BF130445.D
Acq: 28 Sep 2022 13:15

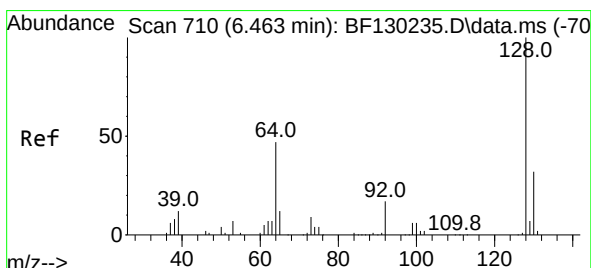
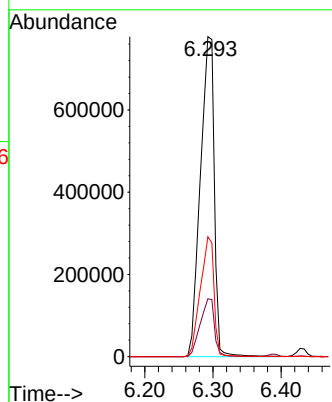
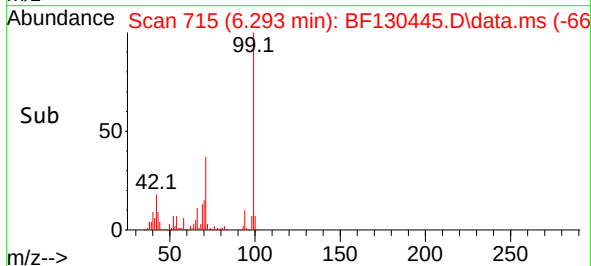
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ClientSampleId :
PB147926BS



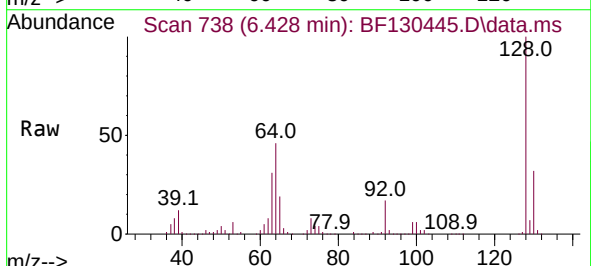
Tgt Ion: 99 Resp: 1103625
Ion Ratio Lower Upper
99 100
42 18.1 17.0 25.6
71 37.4 32.3 48.5

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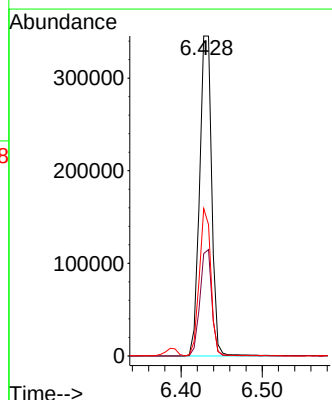
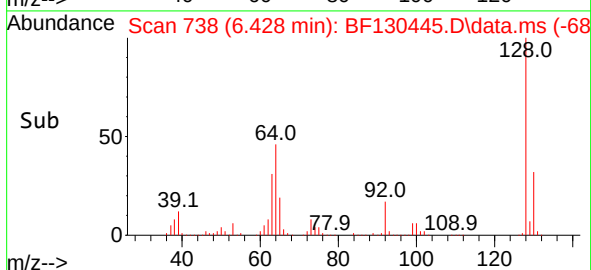
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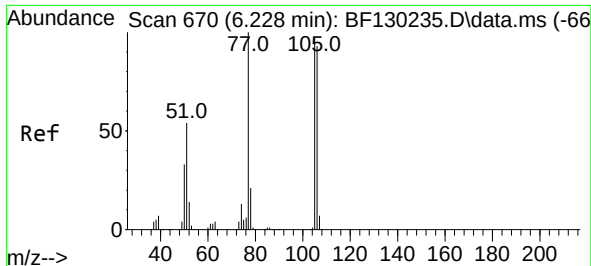


#8
2-Chlorophenol
Concen: 46.290 ng
RT: 6.428 min Scan# 738
Delta R.T. -0.006 min
Lab File: BF130445.D
Acq: 28 Sep 2022 13:15



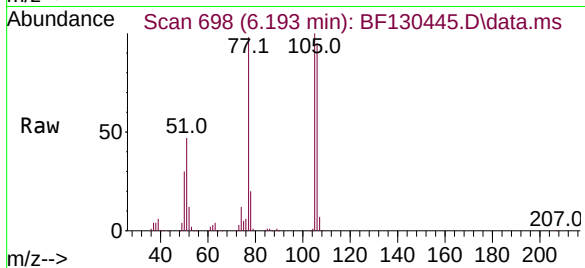
Tgt Ion:128 Resp: 357668
Ion Ratio Lower Upper
128 100
130 32.0 12.4 52.4
64 46.0 31.6 71.6





#9
Benzaldehyde
Concen: 36.557 ng
RT: 6.193 min Scan# 698
Delta R.T. 0.000 min
Lab File: BF130445.D
Acq: 28 Sep 2022 13:15

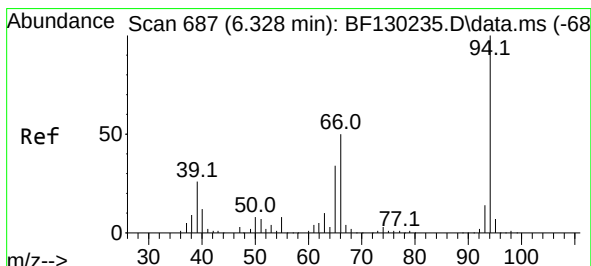
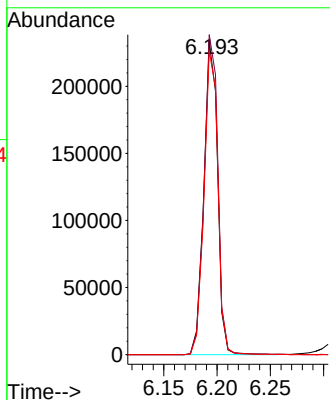
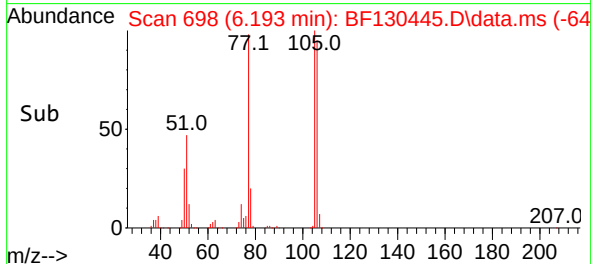
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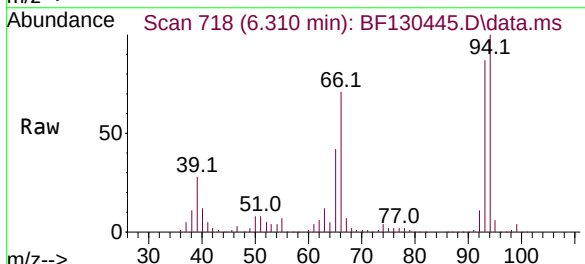
Tgt Ion: 77 Resp: 207831
Ion Ratio Lower Upper
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105 102.4 75.1 115.1
106 97.1 69.7 109.7

Manual Integrations
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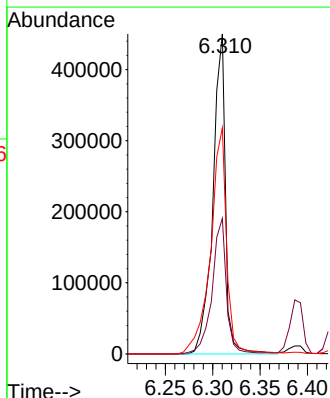
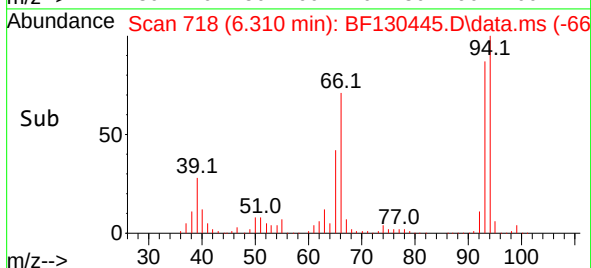
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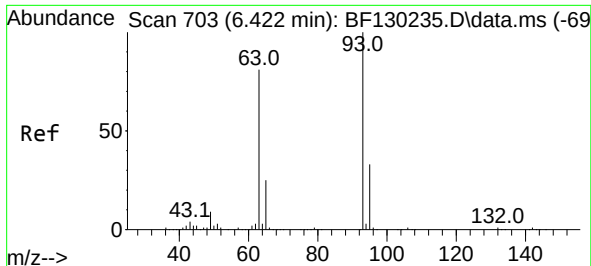


#10
Phenol
Concen: 42.213 ng
RT: 6.310 min Scan# 718
Delta R.T. 0.006 min
Lab File: BF130445.D
Acq: 28 Sep 2022 13:15



Tgt Ion: 94 Resp: 419857
Ion Ratio Lower Upper
94 100
65 42.3 14.1 54.1
66 70.6 28.1 68.1#





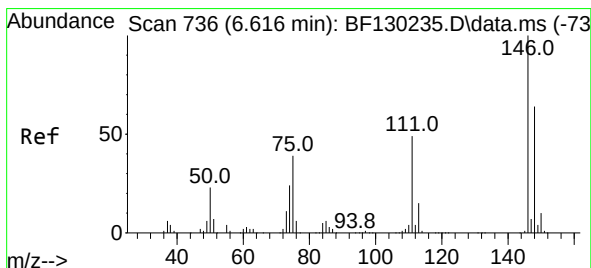
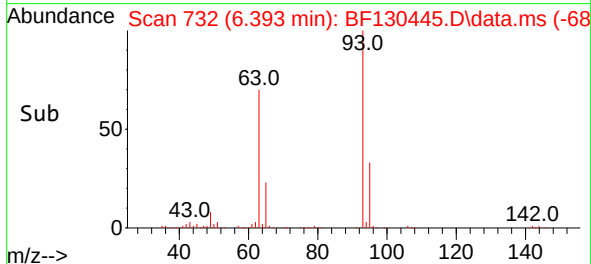
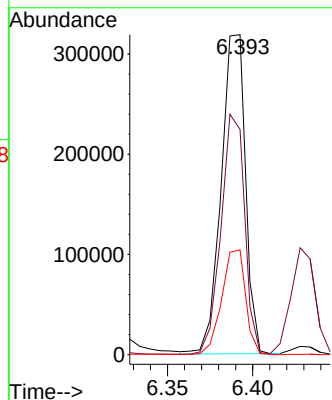
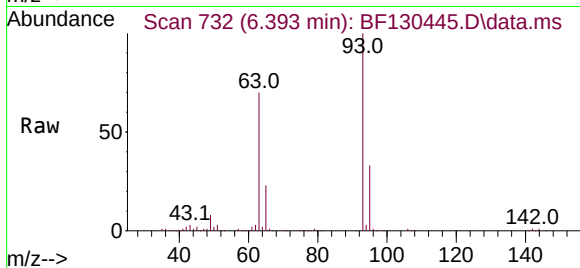
#11
bis(2-Chloroethyl)ether
Concen: 44.139 ng
RT: 6.393 min Scan# 732
Delta R.T. 0.000 min
Lab File: BF130445.D
Acq: 28 Sep 2022 13:15

Instrument :
BNA_F
ClientSampleId :
PB147926BS

Tgt Ion: 93 Resp: 316648
Ion Ratio Lower Upper
93 100
63 70.4 62.5 102.5
95 32.8 12.5 52.5

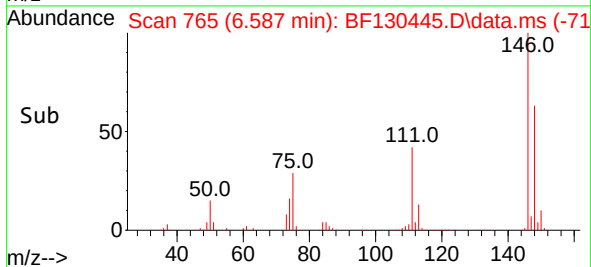
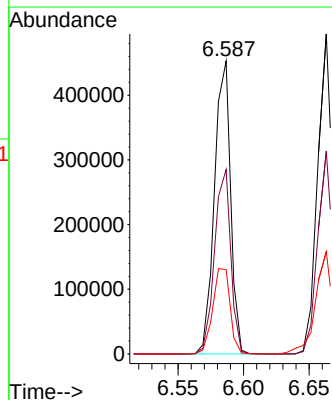
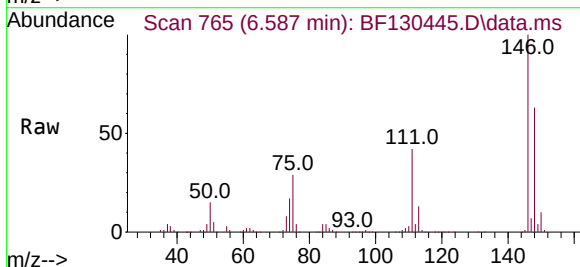
Manual Integrations
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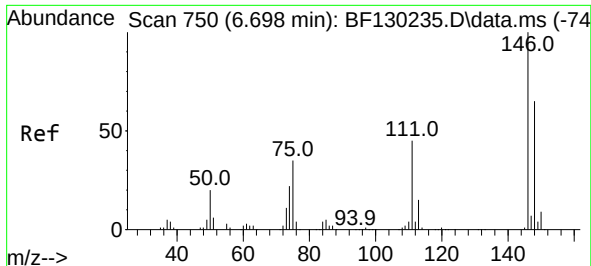
Reviewed By :Christian Giraldo 09/29/2022
Supervised By :Jagrut Upadhyay 09/29/2022



#12
1,3-Dichlorobenzene
Concen: 45.623 ng
RT: 6.587 min Scan# 765
Delta R.T. 0.000 min
Lab File: BF130445.D
Acq: 28 Sep 2022 13:15

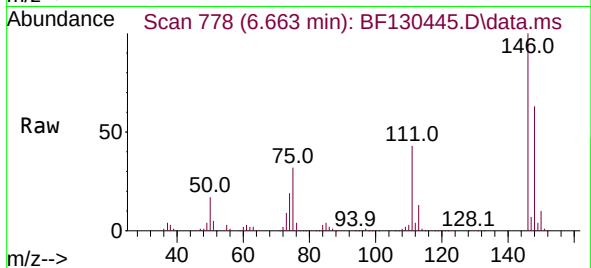
Tgt Ion:146 Resp: 387888
Ion Ratio Lower Upper
146 100
148 63.0 51.4 77.2
75 28.8 28.8 43.2





#13
1,4-Dichlorobenzene
Concen: 45.244 ng
RT: 6.663 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF130445.D
Acq: 28 Sep 2022 13:15

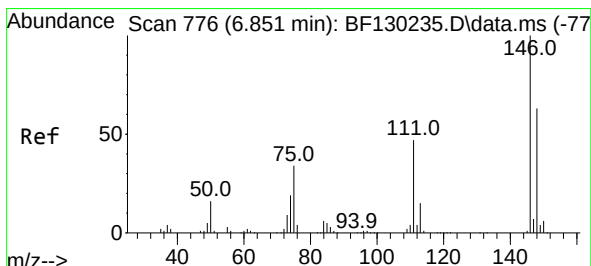
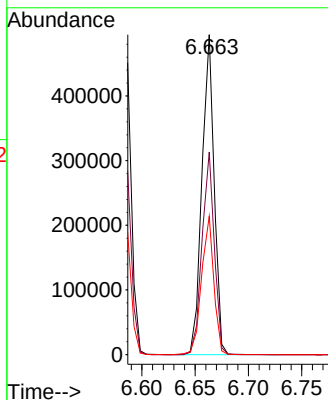
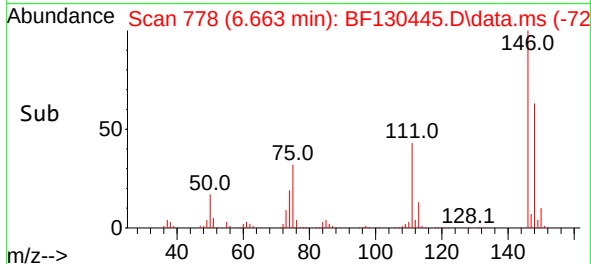
Instrument :
BNA_F
ClientSampleId :
PB147926BS



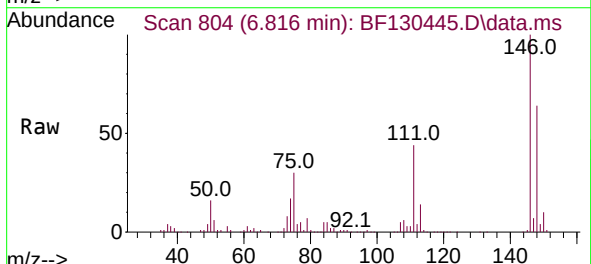
Tgt Ion:146 Resp: 392263
Ion Ratio Lower Upper
146 100
148 63.3 50.3 75.5
111 43.2 36.3 54.5

Manual Integrations
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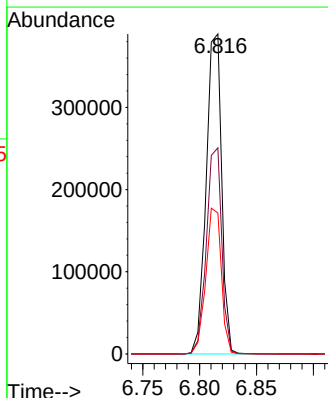
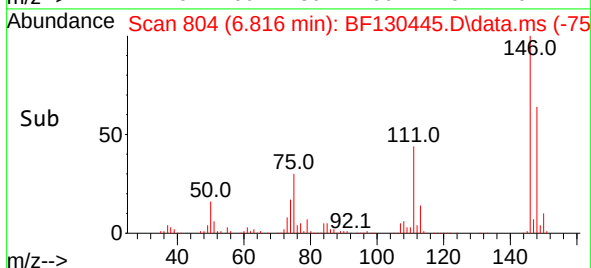
Reviewed By :Christian Giraldo 09/29/2022
Supervised By :Jagrut Upadhyay 09/29/2022

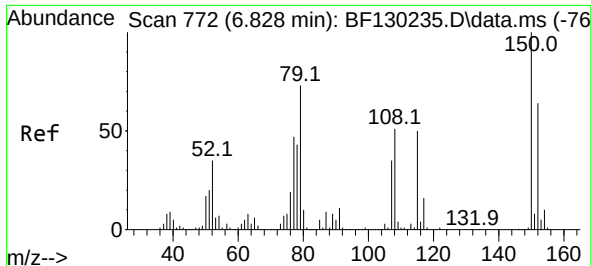


#14
1,2-Dichlorobenzene
Concen: 45.739 ng
RT: 6.816 min Scan# 804
Delta R.T. 0.000 min
Lab File: BF130445.D
Acq: 28 Sep 2022 13:15



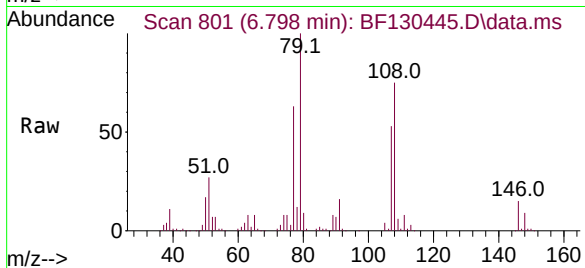
Tgt Ion:146 Resp: 370451
Ion Ratio Lower Upper
146 100
148 64.4 51.6 77.4
111 44.1 39.2 58.8





#15
Benzyl Alcohol
Concen: 35.554 ng
RT: 6.798 min Scan# 801
Delta R.T. 0.000 min
Lab File: BF130445.D
Acq: 28 Sep 2022 13:15

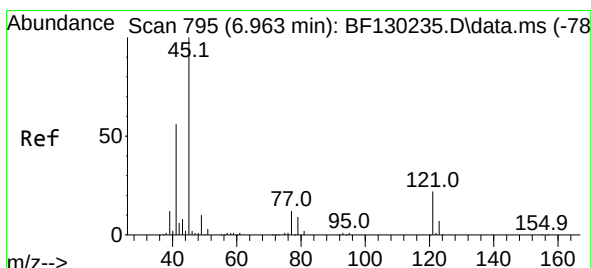
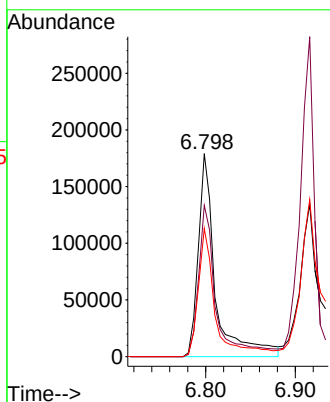
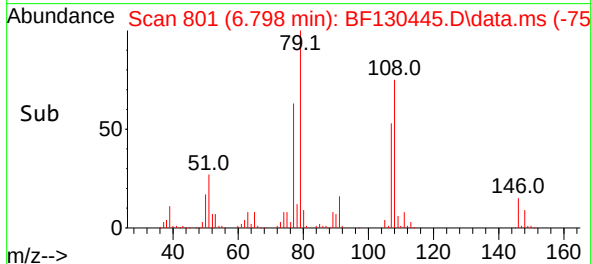
Instrument :
BNA_F
ClientSampleId :
PB147926BS



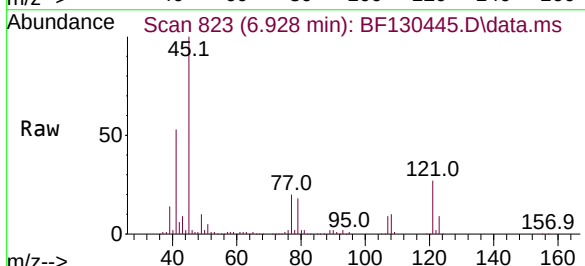
Tgt Ion: 79 Resp: 239248
Ion Ratio Lower Upper
79 100
108 74.6 54.0 81.0
77 63.1 51.3 76.9

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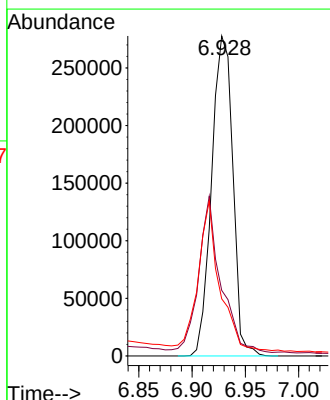
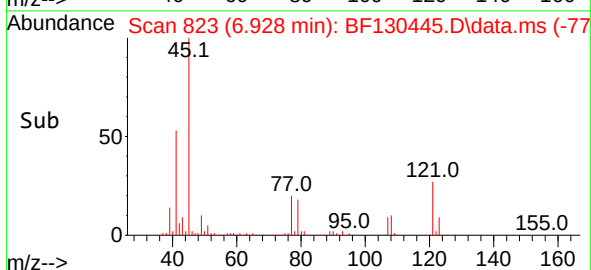
Reviewed By :Christian Giraldo 09/29/2022
Supervised By :Jagrut Upadhyay 09/29/2022

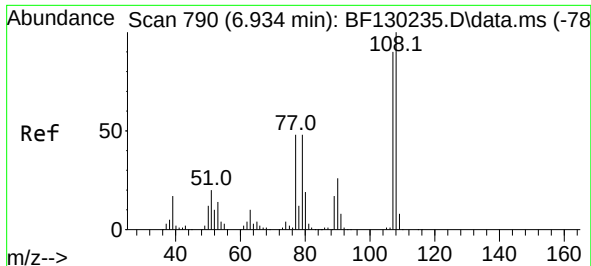


#16
2,2'-oxybis(1-Chloropropane)
Concen: 36.785 ng
RT: 6.928 min Scan# 823
Delta R.T. 0.000 min
Lab File: BF130445.D
Acq: 28 Sep 2022 13:15



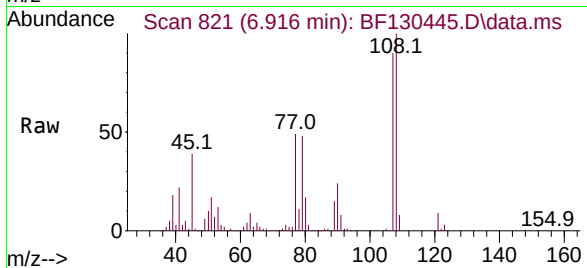
Tgt Ion: 45 Resp: 384895
Ion Ratio Lower Upper
45 100
77 20.5 0.0 34.9
79 17.8 0.0 31.0





#17
2-Methylphenol
Concen: 46.817 ng
RT: 6.916 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF130445.D
Acq: 28 Sep 2022 13:15

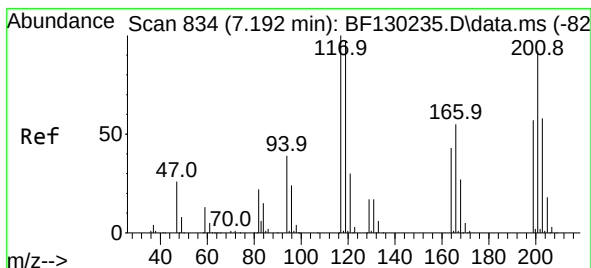
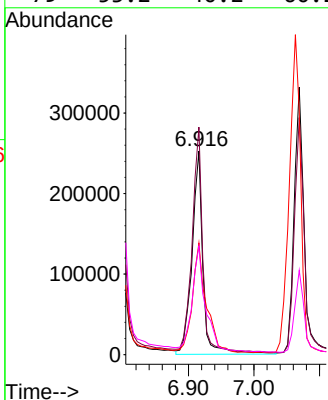
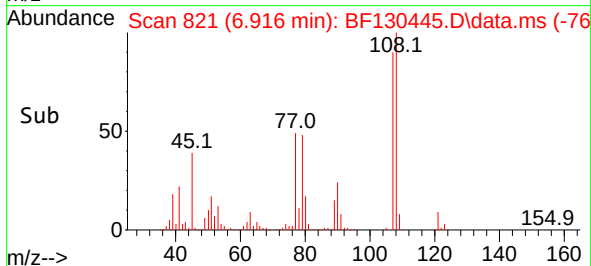
Instrument :
BNA_F
ClientSampleId :
PB147926BS



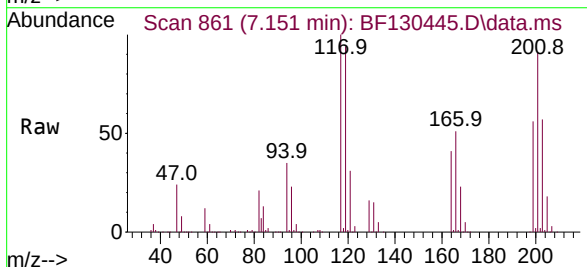
Tgt Ion:107 Resp: 294064
Ion Ratio Lower Upper
107 100
108 111.6 89.4 134.0
77 54.8 40.6 60.8
79 53.2 40.2 60.2

Manual Integrations
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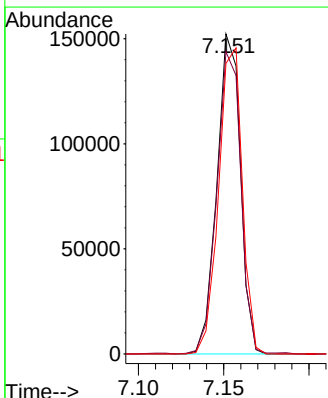
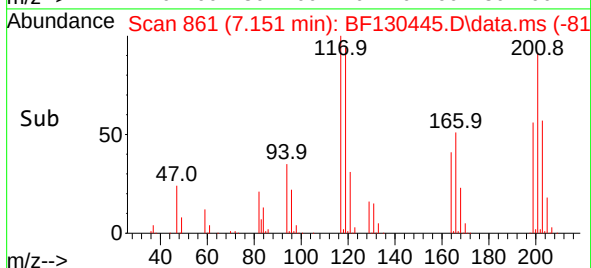
Reviewed By :Christian Giraldo 09/29/2022
Supervised By :Jagrut Upadhyay 09/29/2022

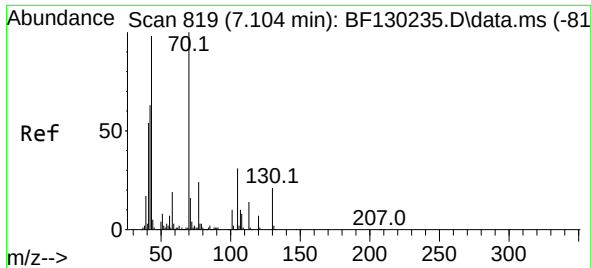


#18
Hexachloroethane
Concen: 42.719 ng
RT: 7.151 min Scan# 861
Delta R.T. -0.006 min
Lab File: BF130445.D
Acq: 28 Sep 2022 13:15



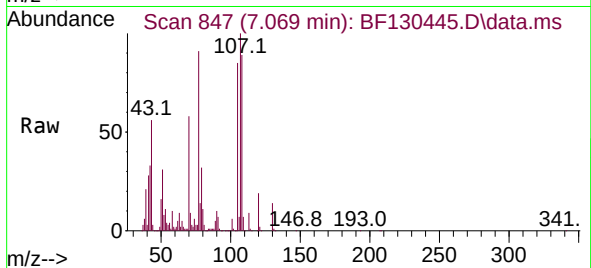
Tgt Ion:117 Resp: 145994
Ion Ratio Lower Upper
117 100
119 94.4 77.8 116.6
201 90.8 68.7 103.1





#19
n-Nitroso-di-n-propylamine
Concen: 40.170 ng
RT: 7.069 min Scan# 847
Delta R.T. 0.000 min
Lab File: BF130445.D
Acq: 28 Sep 2022 13:15

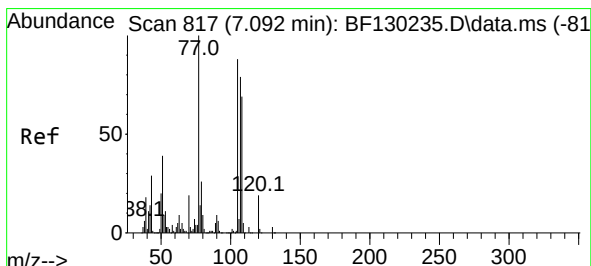
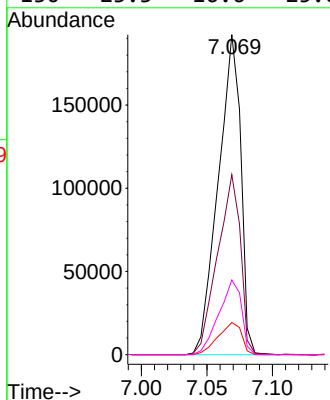
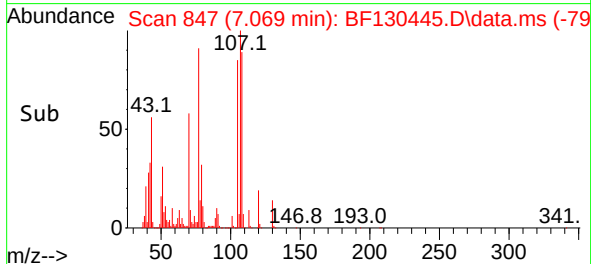
Instrument :
BNA_F
ClientSampleId :
PB147926BS



Tgt Ion: 70 Resp: 230051
Ion Ratio Lower Upper
70 100
42 56.2 50.8 76.2
101 10.0 8.2 12.4
130 23.3 16.6 25.0

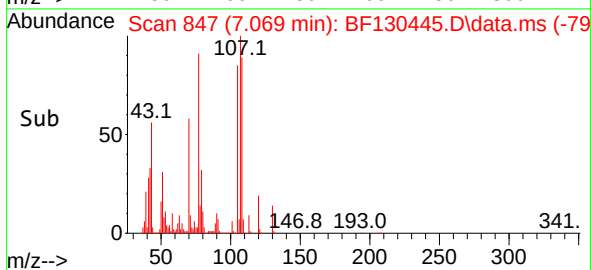
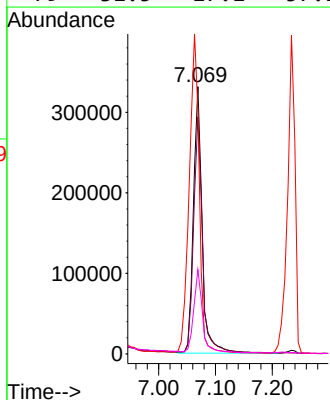
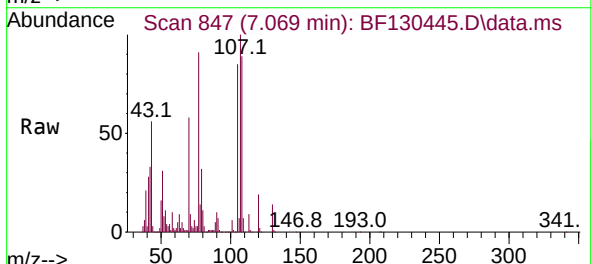
Manual Integrations
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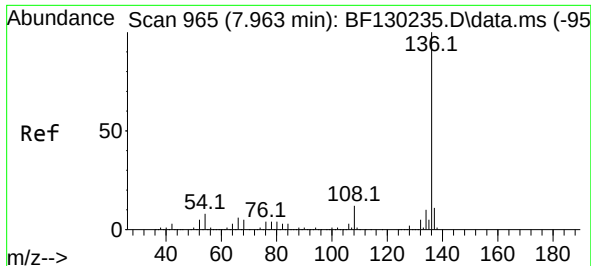
Reviewed By :Christian Giraldo 09/29/2022
Supervised By :Jagrut Upadhyay 09/29/2022



#20
3+4-Methylphenols
Concen: 43.413 ng
RT: 7.069 min Scan# 847
Delta R.T. 0.000 min
Lab File: BF130445.D
Acq: 28 Sep 2022 13:15

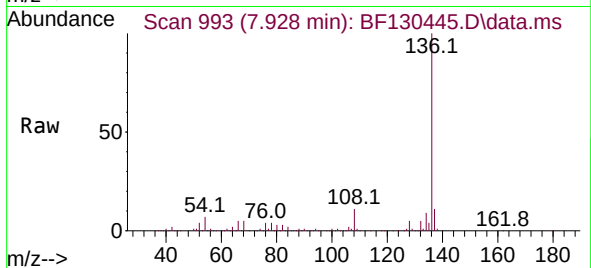
Tgt Ion:107 Resp: 354229
Ion Ratio Lower Upper
107 100
108 88.7 74.8 114.8
77 91.3 125.8 165.8#
79 31.5 17.1 57.1





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.928 min Scan# 993
Delta R.T. 0.000 min
Lab File: BF130445.D
Acq: 28 Sep 2022 13:15

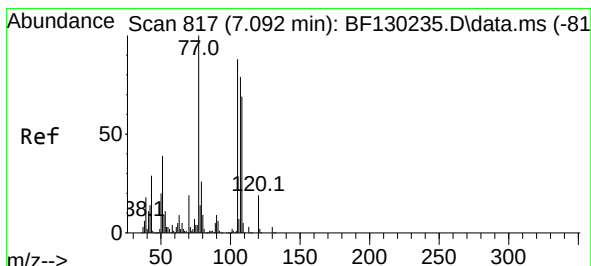
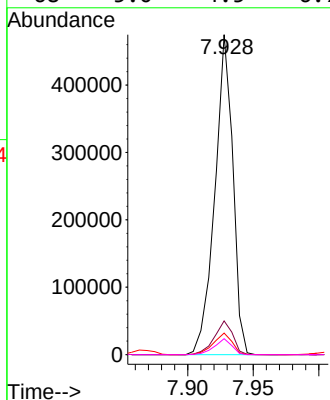
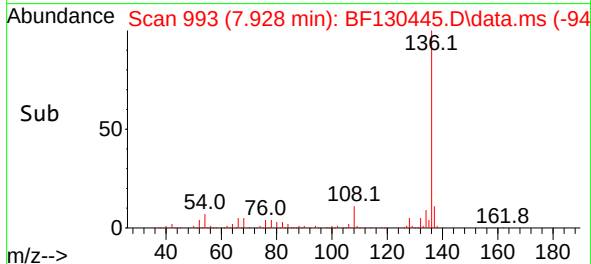
Instrument :
BNA_F
ClientSampleId :
PB147926BS



Tgt Ion:136 Resp: 454562
Ion Ratio Lower Upper
136 100
137 10.5 9.1 13.7
54 6.7 7.1 10.7
68 5.0 4.5 6.7

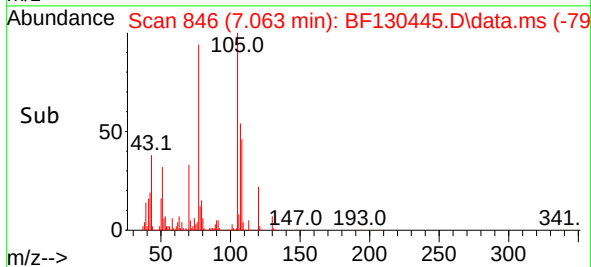
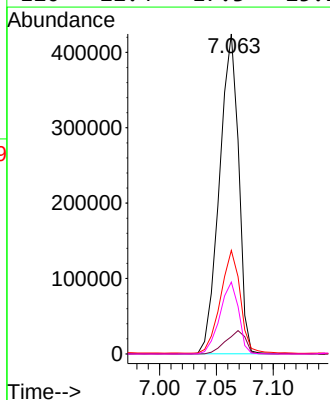
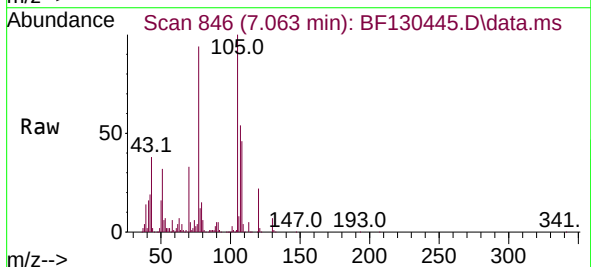
Manual Integrations
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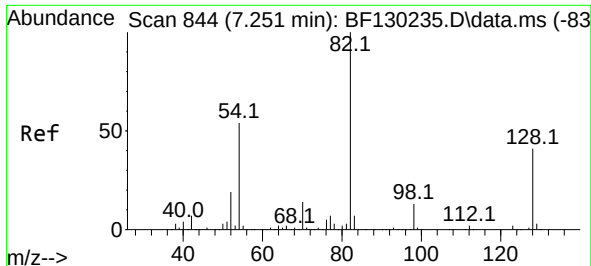
Reviewed By :Christian Giraldo 09/29/2022
Supervised By :Jagrut Upadhyay 09/29/2022



#22
Acetophenone
Concen: 44.639 ng
RT: 7.063 min Scan# 846
Delta R.T. 0.000 min
Lab File: BF130445.D
Acq: 28 Sep 2022 13:15

Tgt Ion:105 Resp: 496090
Ion Ratio Lower Upper
105 100
71 5.4 3.9 5.9
51 32.3 32.2 48.2
120 22.4 17.3 25.9





#23
Nitrobenzene-d5
Concen: 78.335 ng
RT: 7.216 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF130445.D
Acq: 28 Sep 2022 13:15

Instrument :

BNA_F

ClientSampleId :

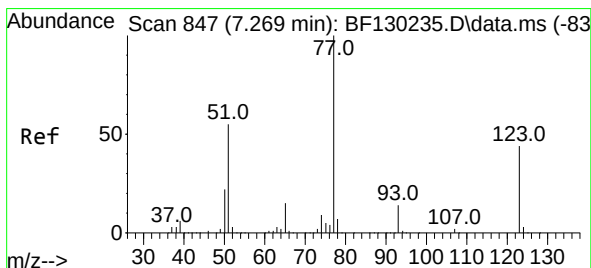
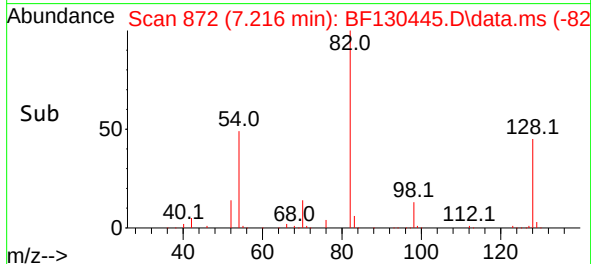
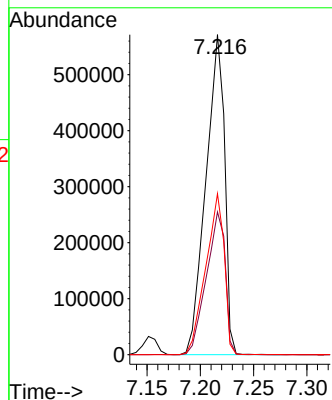
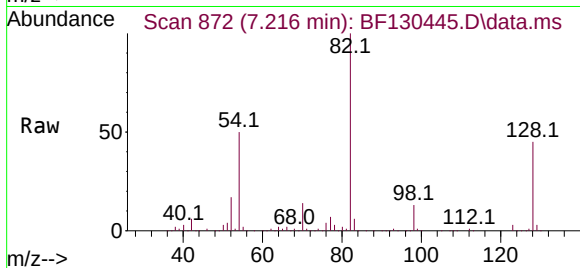
PB147926BS

Tgt Ion: 82 Resp: 696986
Ion Ratio Lower Upper
82 100
128 44.6 32.6 49.0
54 50.3 43.8 65.6

Manual Integrations

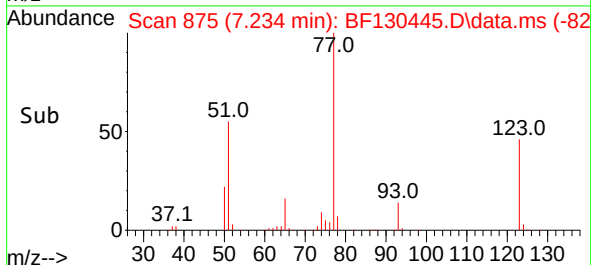
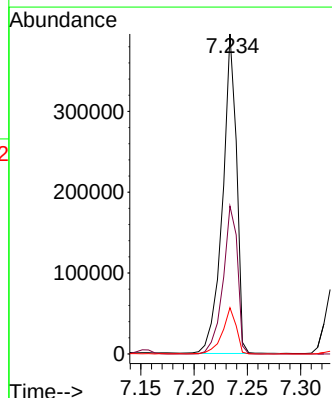
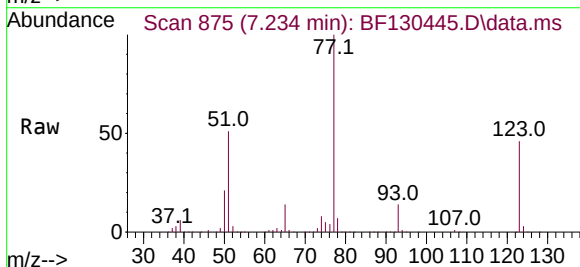
APPROVED

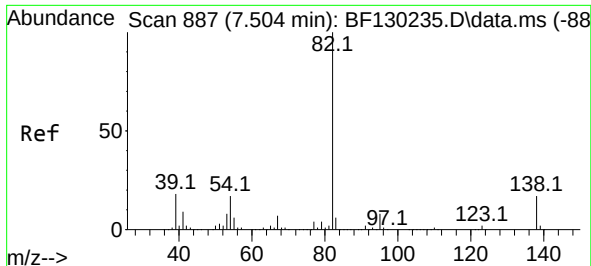
Reviewed By :Christian Giraldo 09/29/2022
Supervised By :Jagrut Upadhyay 09/29/2022



#24
Nitrobenzene
Concen: 40.016 ng
RT: 7.234 min Scan# 875
Delta R.T. 0.000 min
Lab File: BF130445.D
Acq: 28 Sep 2022 13:15

Tgt Ion: 77 Resp: 361526
Ion Ratio Lower Upper
77 100
123 46.2 34.3 51.5
65 14.4 12.0 18.0





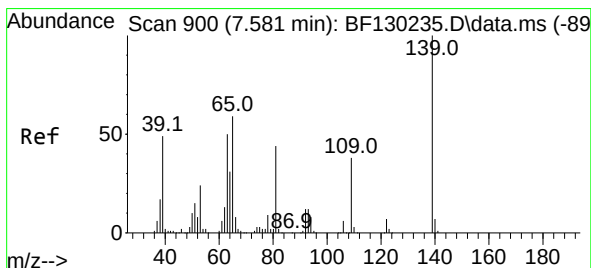
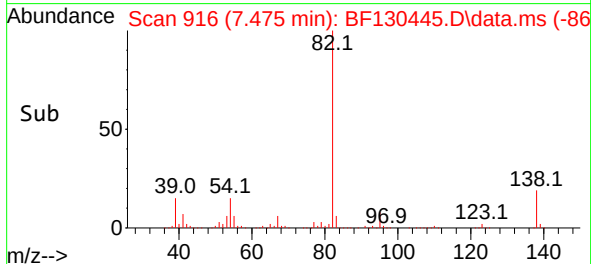
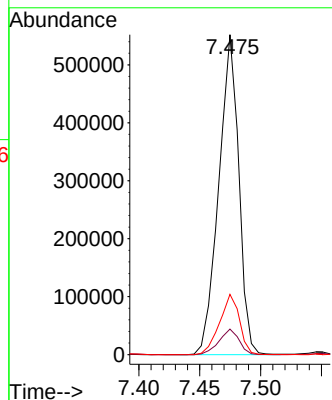
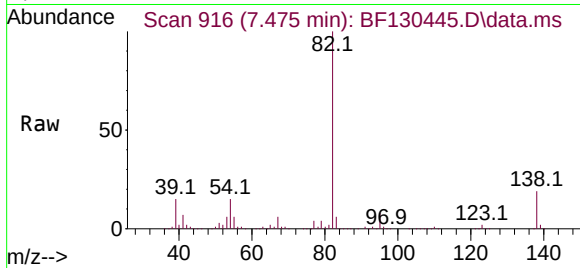
#25
Isophorone
Concen: 43.890 ng
RT: 7.475 min Scan# 916
Delta R.T. 0.000 min
Lab File: BF130445.D
Acq: 28 Sep 2022 13:15

Instrument :
BNA_F
ClientSampleId :
PB147926BS

Tgt Ion: 82 Resp: 629420
Ion Ratio Lower Upper
82 100
95 8.0 6.4 9.6
138 18.8 13.8 20.6

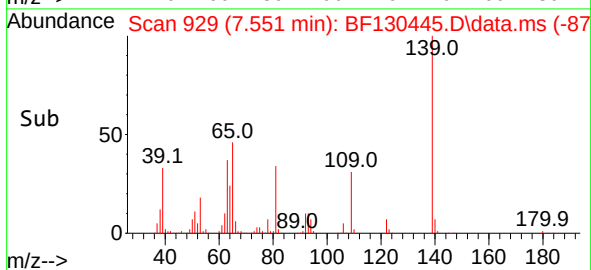
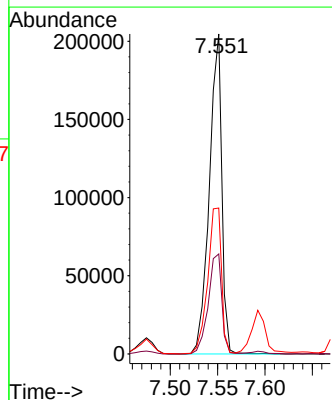
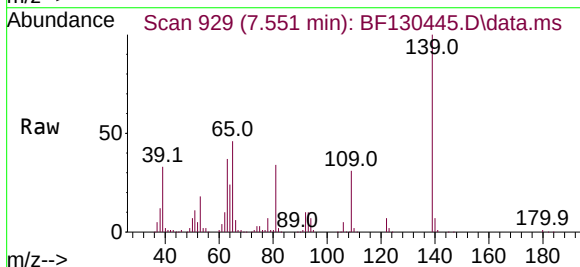
Manual Integrations
APPROVED

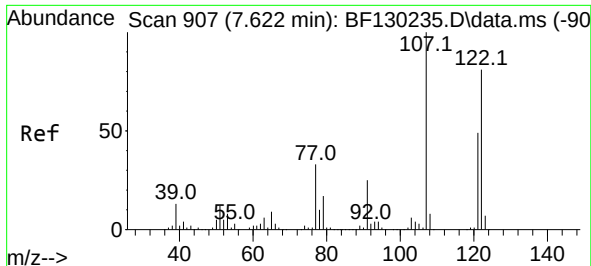
Reviewed By :Christian Giraldo 09/29/2022
Supervised By :Jagrut Upadhyay 09/29/2022



#26
2-Nitrophenol
Concen: 50.866 ng
RT: 7.551 min Scan# 929
Delta R.T. 0.000 min
Lab File: BF130445.D
Acq: 28 Sep 2022 13:15

Tgt Ion:139 Resp: 188383
Ion Ratio Lower Upper
139 100
109 31.2 30.2 45.4
65 45.6 48.9 73.3





#27

2,4-Dimethylphenol

Concen: 49.877 ng

RT: 7.592 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF130445.D

Acq: 28 Sep 2022 13:15

Instrument :

BNA_F

ClientSampleId :

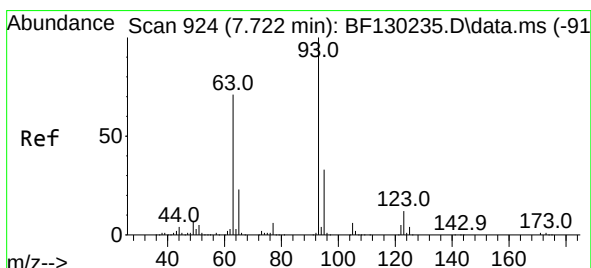
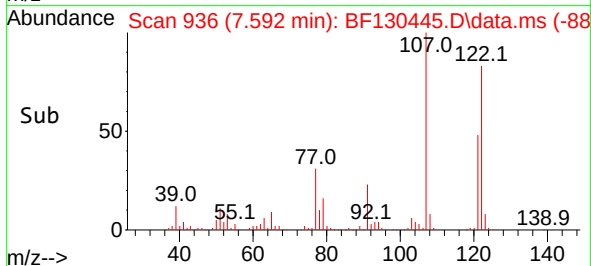
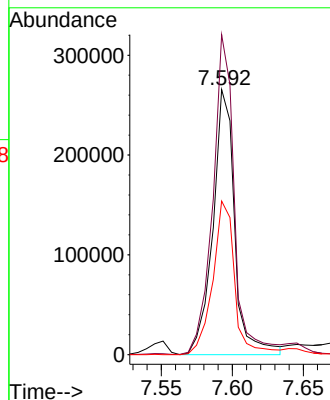
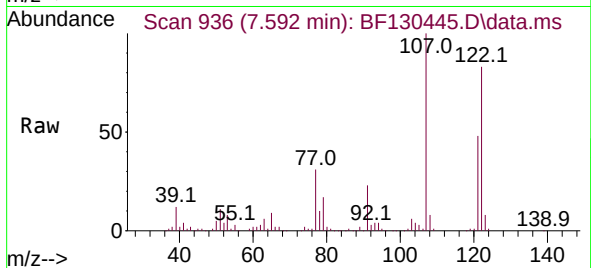
PB147926BS

Tgt Ion:122 Resp: 284421
 Ion Ratio Lower Upper
 122 100
 107 120.7 100.2 150.2
 121 57.9 47.8 71.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 09/29/2022
 Supervised By :Jagrut Upadhyay 09/29/2022



#28

bis(2-Chloroethoxy)methane

Concen: 47.459 ng

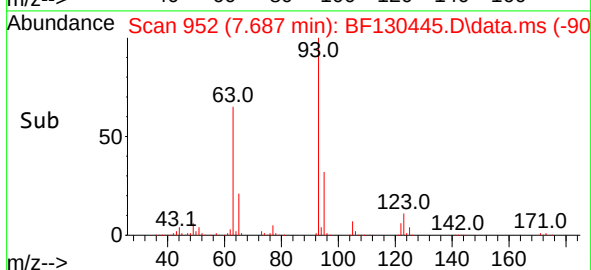
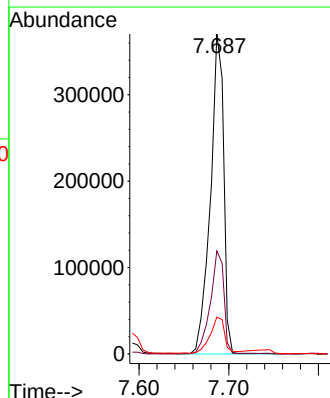
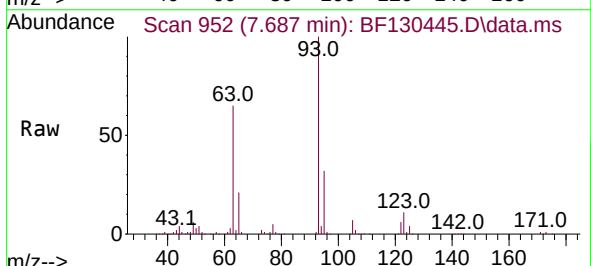
RT: 7.687 min Scan# 952

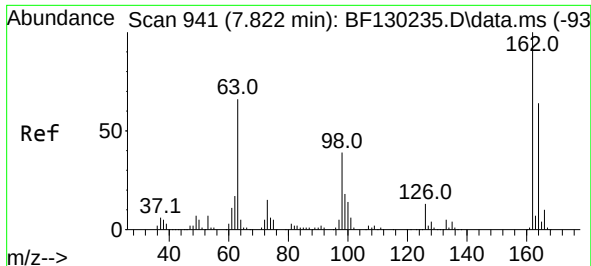
Delta R.T. 0.000 min

Lab File: BF130445.D

Acq: 28 Sep 2022 13:15

Tgt Ion: 93 Resp: 383238
 Ion Ratio Lower Upper
 93 100
 95 32.2 26.3 39.5
 123 11.5 9.4 14.2





#29

2,4-Dichlorophenol

Concen: 46.195 ng

RT: 7.792 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF130445.D

Acq: 28 Sep 2022 13:15

Instrument :

BNA_F

ClientSampleId :

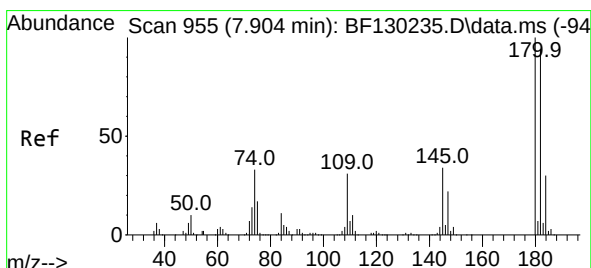
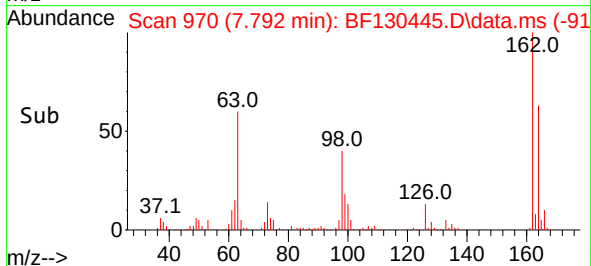
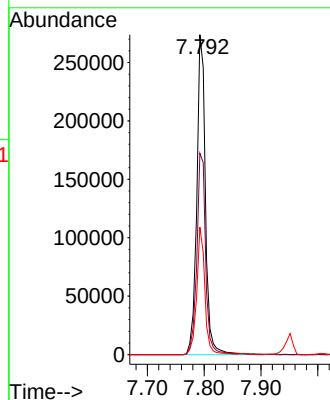
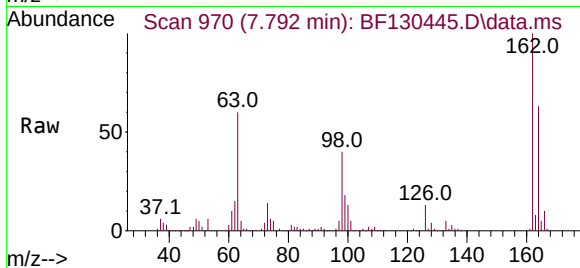
PB147926BS

Tgt Ion:162 Resp: 288676
 Ion Ratio Lower Upper
 162 100
 164 62.9 42.2 82.2
 98 39.8 21.7 61.7

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 09/29/2022
 Supervised By :Jagrut Upadhyay 09/29/2022



#30

1,2,4-Trichlorobenzene

Concen: 45.121 ng

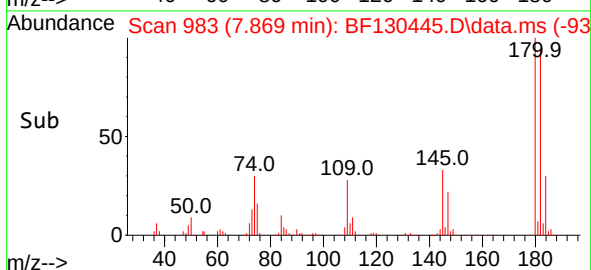
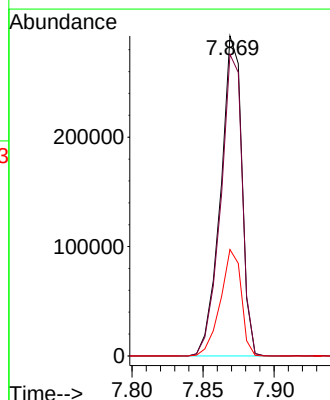
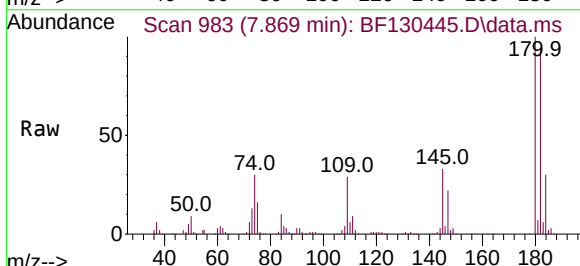
RT: 7.869 min Scan# 983

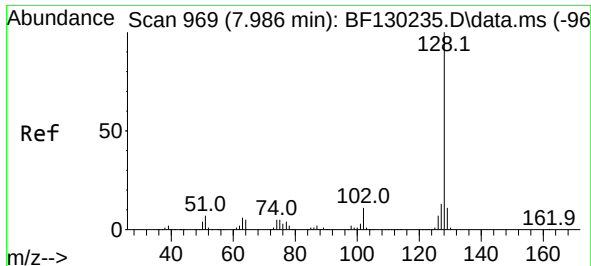
Delta R.T. -0.006 min

Lab File: BF130445.D

Acq: 28 Sep 2022 13:15

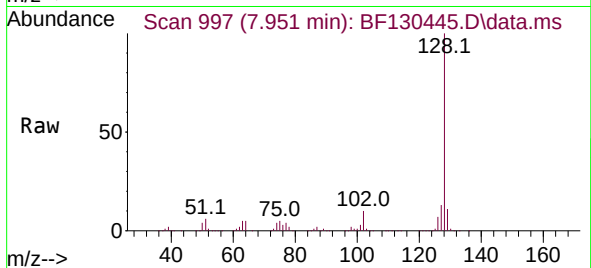
Tgt Ion:180 Resp: 304841
 Ion Ratio Lower Upper
 180 100
 182 94.2 73.3 109.9
 145 33.2 28.3 42.5





#31
Naphthalene
Concen: 42.962 ng
RT: 7.951 min Scan# 99
Delta R.T. 0.000 min
Lab File: BF130445.D
Acq: 28 Sep 2022 13:15

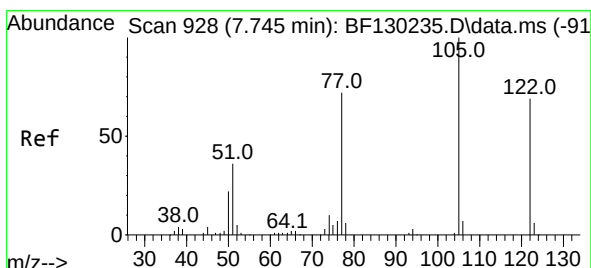
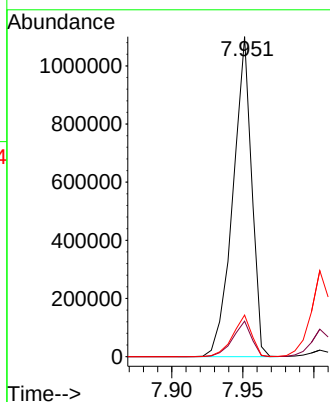
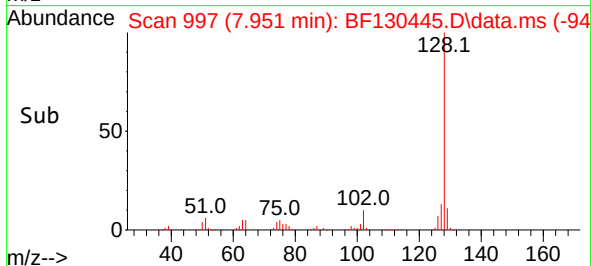
Instrument :
BNA_F
ClientSampleId :
PB147926BS



Tgt Ion:128 Resp: 1006095
Ion Ratio Lower Upper
128 100
129 11.1 9.1 13.7
127 13.0 10.6 16.0

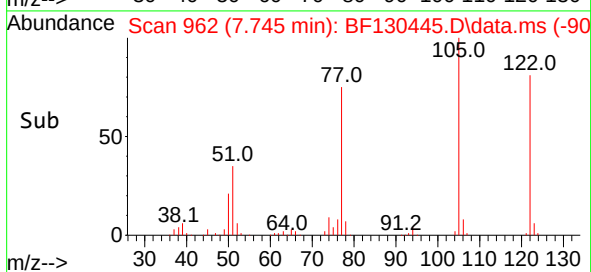
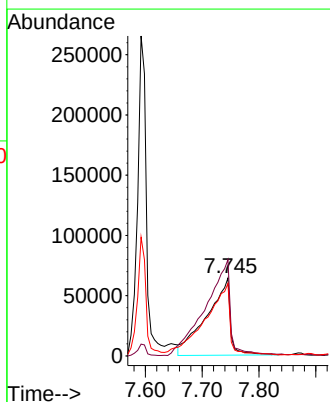
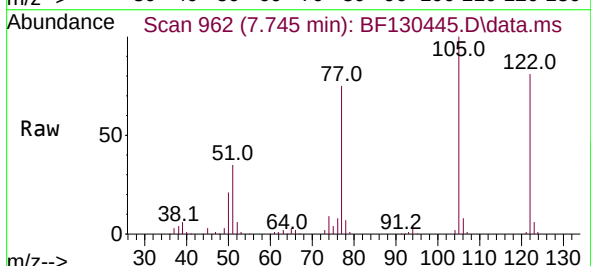
Manual Integrations
APPROVED

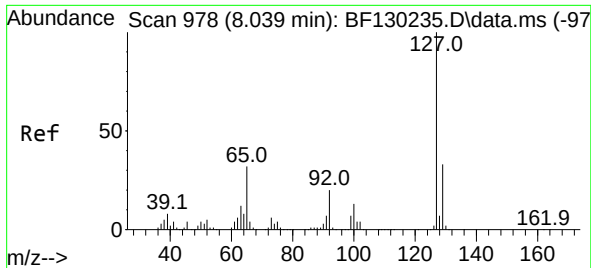
Reviewed By :Christian Giraldo 09/29/2022
Supervised By :Jagrut Upadhyay 09/29/2022



#32
Benzoic acid
Concen: 41.921 ng
RT: 7.745 min Scan# 962
Delta R.T. 0.012 min
Lab File: BF130445.D
Acq: 28 Sep 2022 13:15

Tgt Ion:122 Resp: 184865
Ion Ratio Lower Upper
122 100
105 123.7 112.9 152.9
77 92.9 82.8 122.8





#33
4-Chloroaniline
Concen: 33.501 ng
RT: 8.004 min Scan# 1016
Delta R.T. 0.000 min
Lab File: BF130445.D
Acq: 28 Sep 2022 13:15

Instrument :

BNA_F

ClientSampleId :

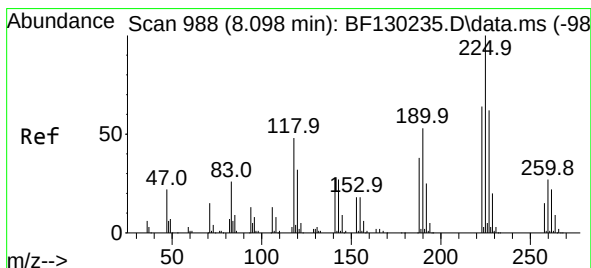
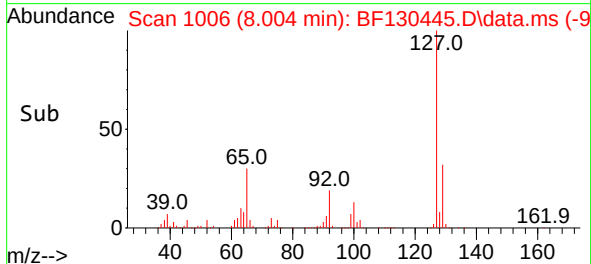
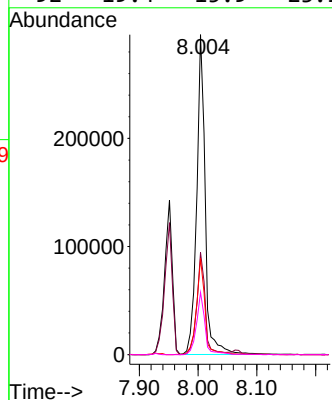
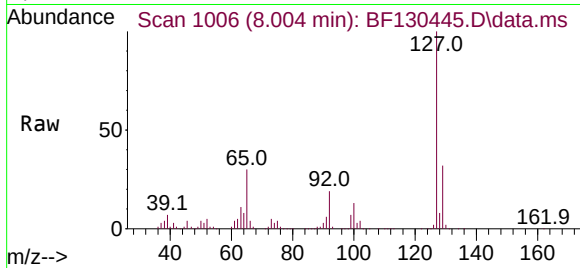
PB147926BS

Tgt Ion:127 Resp: 298386
Ion Ratio Lower Upper
127 100
129 31.9 25.6 38.4
65 30.1 27.0 40.6
92 19.4 15.9 23.9

Manual Integrations

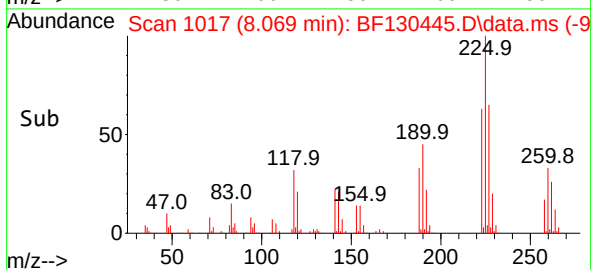
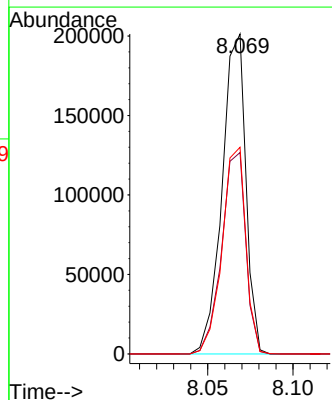
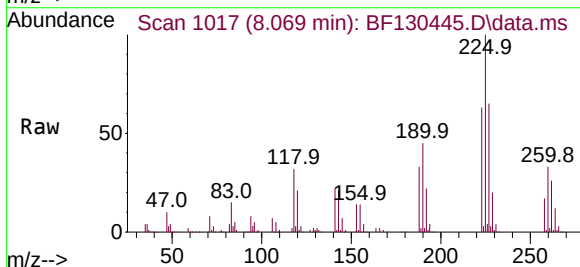
APPROVED

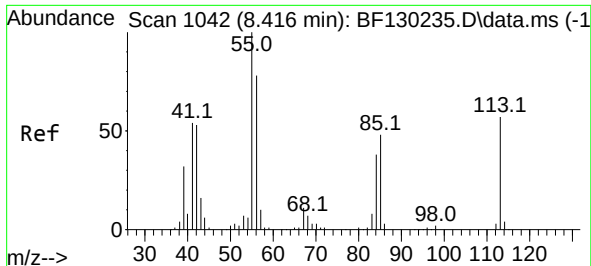
Reviewed By :Christian Giraldo 09/29/2022
Supervised By :Jagrut Upadhyay 09/29/2022



#34
Hexachlorobutadiene
Concen: 45.189 ng
RT: 8.069 min Scan# 1017
Delta R.T. 0.000 min
Lab File: BF130445.D
Acq: 28 Sep 2022 13:15

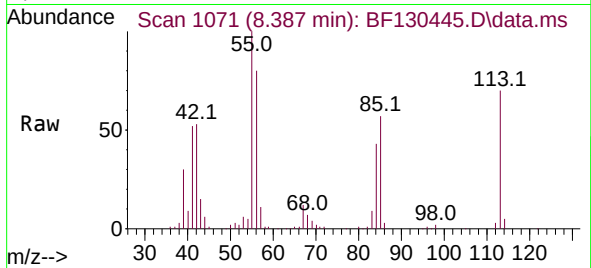
Tgt Ion:225 Resp: 195116
Ion Ratio Lower Upper
225 100
223 62.9 50.3 75.5
227 64.6 51.1 76.7





#35
Caprolactam
Concen: 49.393 ng m
RT: 8.387 min Scan# 1042
Delta R.T. 0.000 min
Lab File: BF130445.D
Acq: 28 Sep 2022 13:15

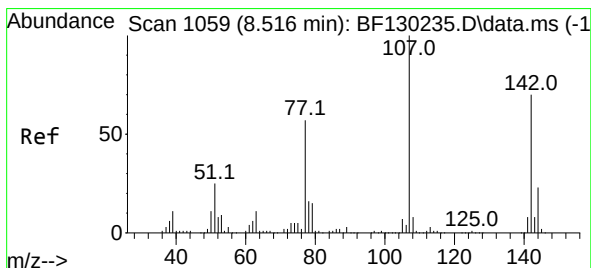
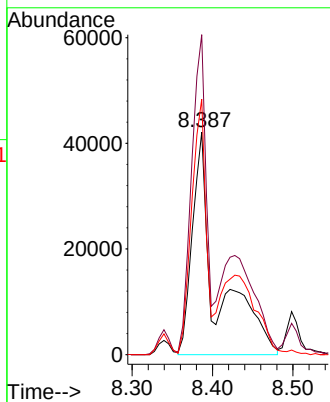
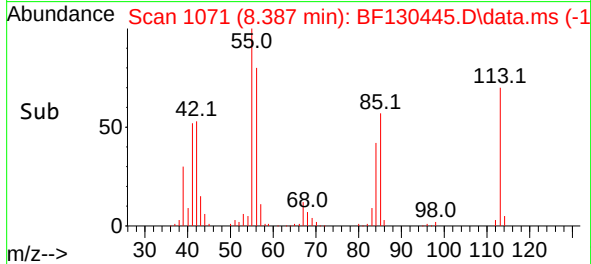
Instrument :
BNA_F
ClientSampleId :
PB147926BS



Tgt Ion:113 Resp: 88485
Ion Ratio Lower Upper
113 100
55 143.8 155.4 195.4
56 114.8 120.4 160.4

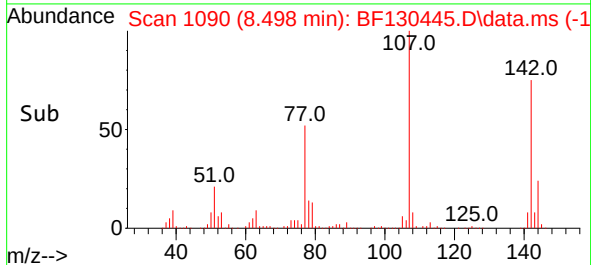
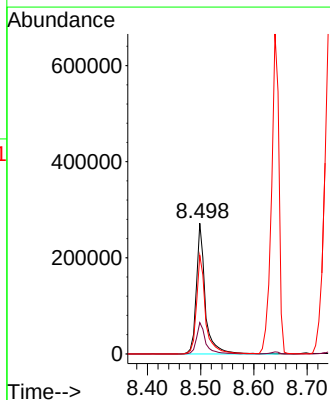
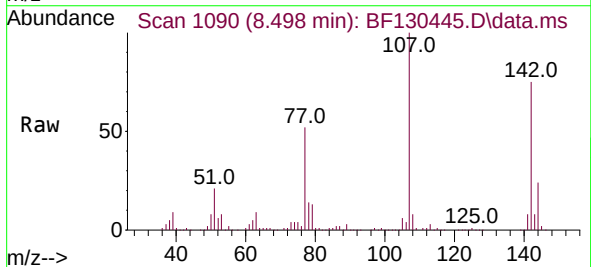
Manual Integrations
APPROVED

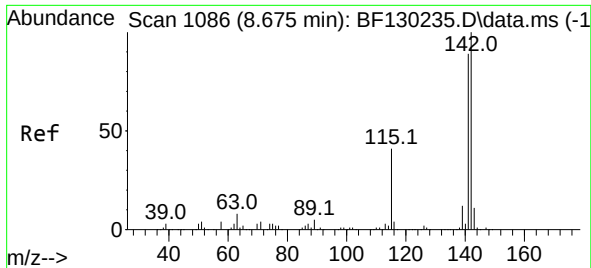
Reviewed By :Christian Giraldo 09/29/2022
Supervised By :Jagrut Upadhyay 09/29/2022



#36
4-Chloro-3-methylphenol
Concen: 45.049 ng
RT: 8.498 min Scan# 1090
Delta R.T. 0.006 min
Lab File: BF130445.D
Acq: 28 Sep 2022 13:15

Tgt Ion:107 Resp: 312035
Ion Ratio Lower Upper
107 100
144 24.0 20.0 30.0
142 75.4 61.3 91.9





#37

2-Methylnaphthalene

Concen: 43.854 ng

RT: 8.639 min Scan# 1114

Delta R.T. 0.000 min

Lab File: BF130445.D

Acq: 28 Sep 2022 13:15

Instrument :

BNA_F

ClientSampleId :

PB147926BS

Tgt Ion:142 Resp: 65479

Ion Ratio Lower Upper

142 100

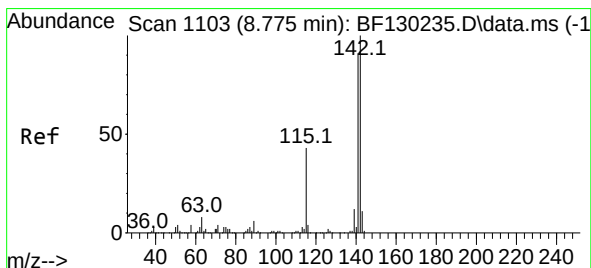
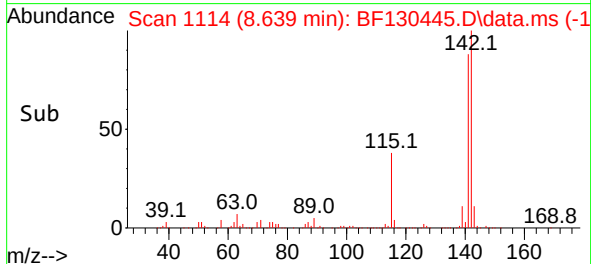
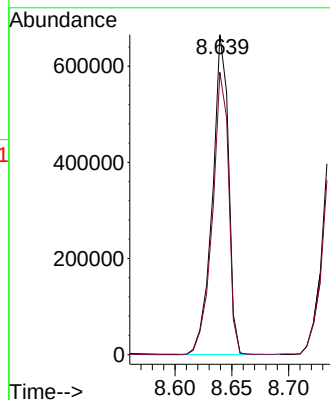
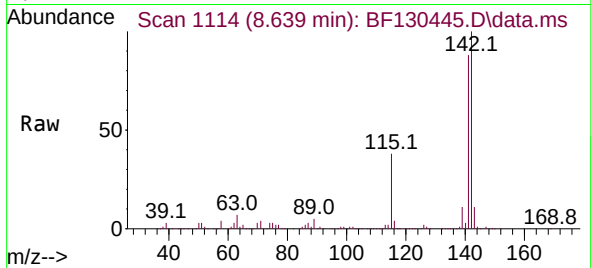
141 88.2 70.0 105.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 09/29/2022

Supervised By :Jagrut Upadhyay 09/29/2022



#38

1-Methylnaphthalene

Concen: 43.126 ng

RT: 8.739 min Scan# 1131

Delta R.T. 0.000 min

Lab File: BF130445.D

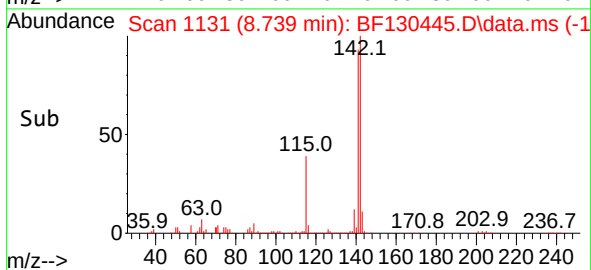
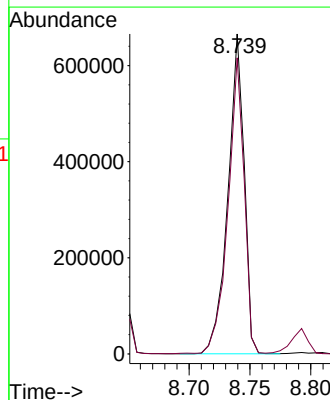
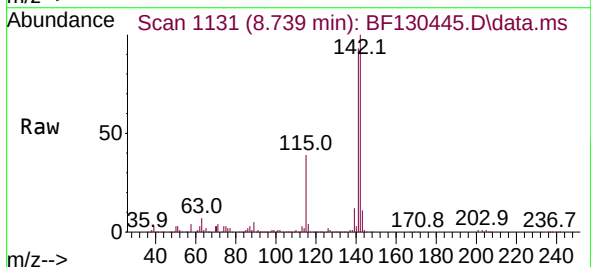
Acq: 28 Sep 2022 13:15

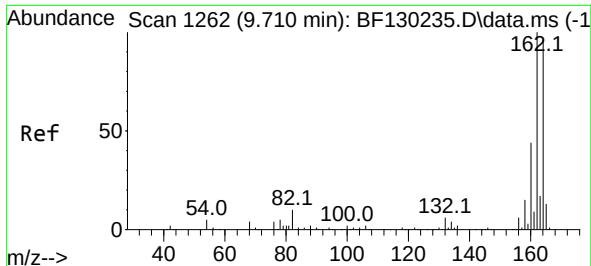
Tgt Ion:142 Resp: 618589

Ion Ratio Lower Upper

142 100

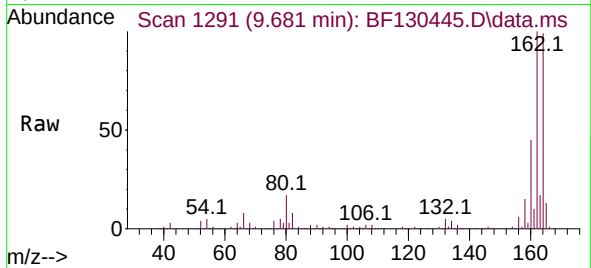
141 92.5 73.8 110.8





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.681 min Scan# 1143
Delta R.T. 0.000 min
Lab File: BF130445.D
Acq: 28 Sep 2022 13:15

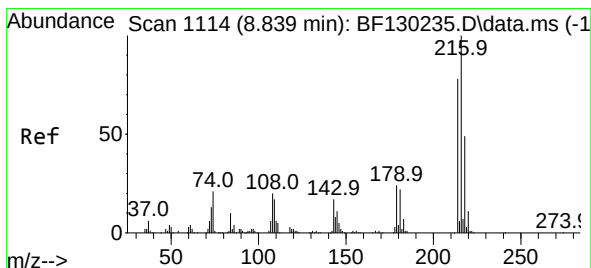
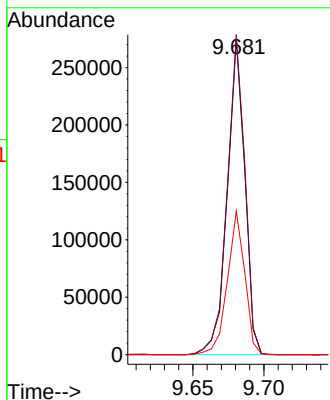
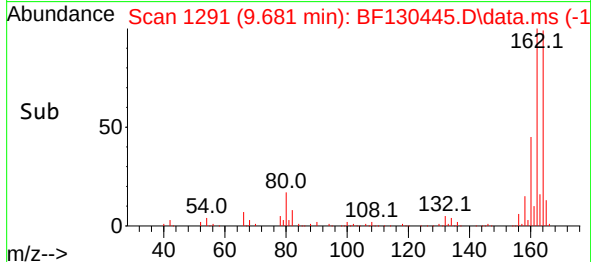
Instrument :
BNA_F
ClientSampleId :
PB147926BS



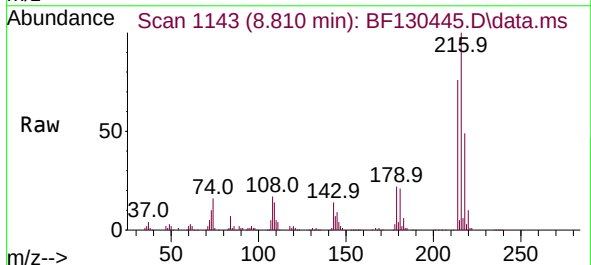
Tgt Ion:164 Resp: 235782
Ion Ratio Lower Upper
164 100
162 101.4 81.4 122.0
160 45.5 36.2 54.4

Manual Integrations
APPROVED

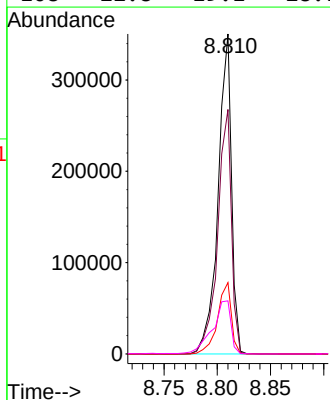
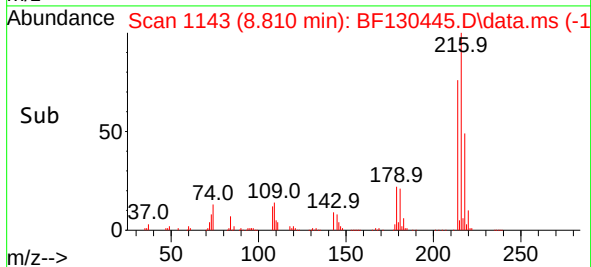
Reviewed By :Christian Giraldo 09/29/2022
Supervised By :Jagrut Upadhyay 09/29/2022

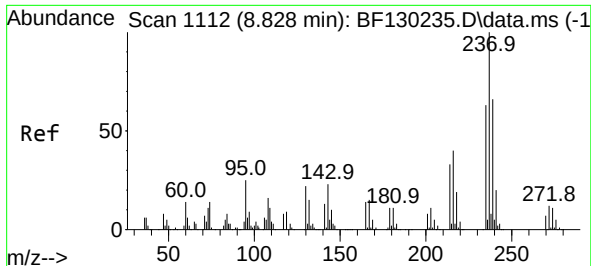


#40
1,2,4,5-Tetrachlorobenzene
Concen: 47.771 ng
RT: 8.810 min Scan# 1143
Delta R.T. 0.006 min
Lab File: BF130445.D
Acq: 28 Sep 2022 13:15



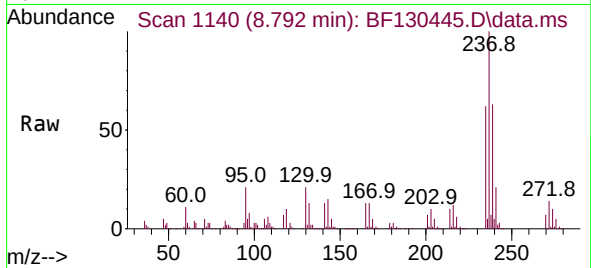
Tgt Ion:216 Resp: 307387
Ion Ratio Lower Upper
216 100
214 78.4 62.8 94.2
179 22.9 19.5 29.3
108 22.8 19.1 28.7





#41
Hexachlorocyclopentadiene
Concen: 104.812 ng
RT: 8.792 min Scan# 1112
Delta R.T. 0.000 min
Lab File: BF130445.D
Acq: 28 Sep 2022 13:15

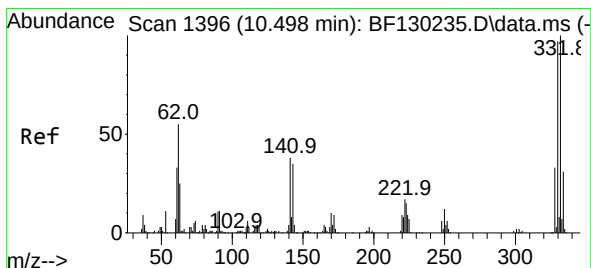
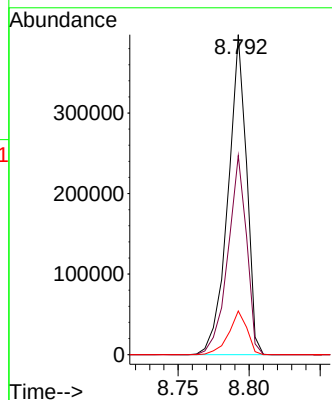
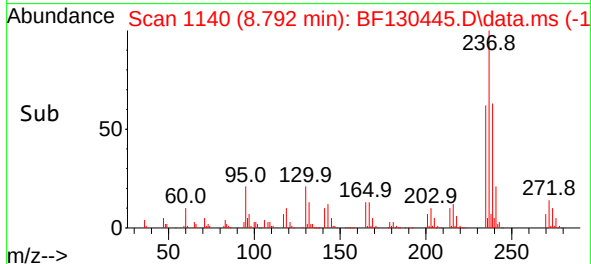
Instrument :
BNA_F
ClientSampleId :
PB147926BS



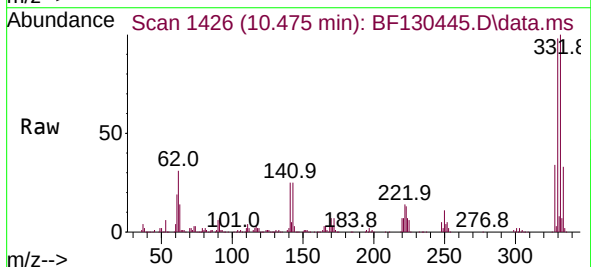
Tgt Ion:237 Resp: 361080
Ion Ratio Lower Upper
237 100
235 62.2 42.5 82.5
272 13.6 0.0 32.8

Manual Integrations
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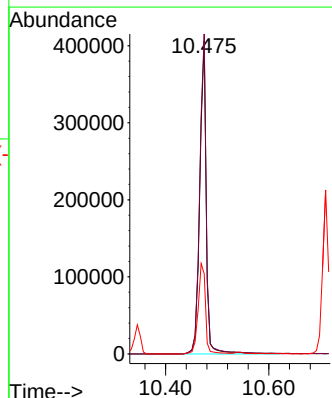
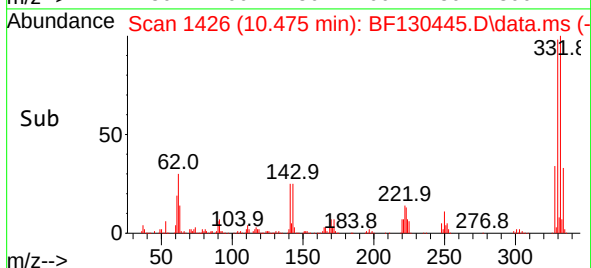
Reviewed By :Christian Giraldo 09/29/2022
Supervised By :Jagrut Upadhyay 09/29/2022

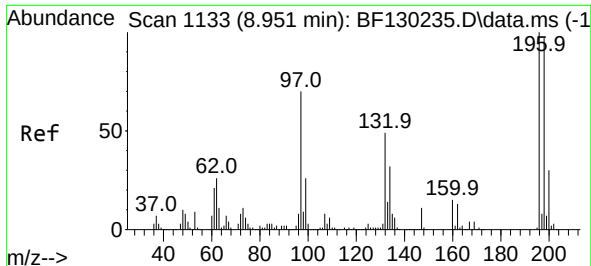


#42
2,4,6-Tribromophenol
Concen: 156.349 ng
RT: 10.475 min Scan# 1426
Delta R.T. 0.006 min
Lab File: BF130445.D
Acq: 28 Sep 2022 13:15



Tgt Ion:330 Resp: 353230
Ion Ratio Lower Upper
330 100
332 103.4 83.4 125.2
141 32.6 34.0 51.0#





#43

2,4,6-Trichlorophenol

Concen: 45.405 ng

RT: 8.928 min Scan# 1117

Delta R.T. 0.006 min

Lab File: BF130445.D

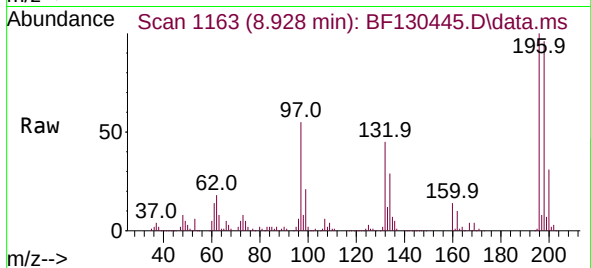
Acq: 28 Sep 2022 13:15

Instrument :

BNA_F

ClientSampleId :

PB147926BS



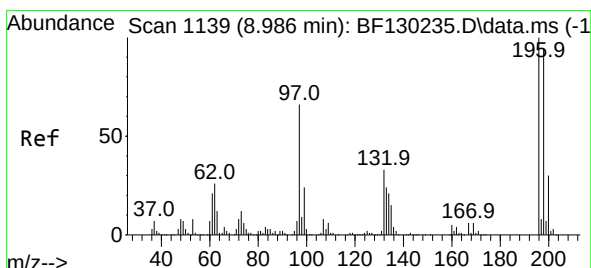
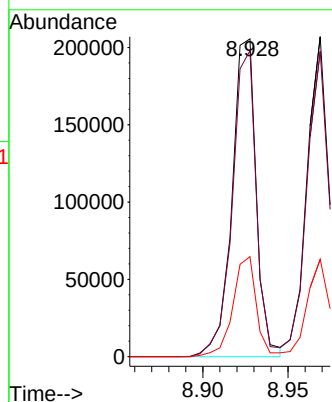
Tgt Ion:	196	Resp:	203905
Ion Ratio	Lower	Upper	
196	100		
198	96.3	72.4	108.6
200	31.4	23.8	35.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 09/29/2022

Supervised By :Jagrut Upadhyay 09/29/2022



#44

2,4,5-Trichlorophenol

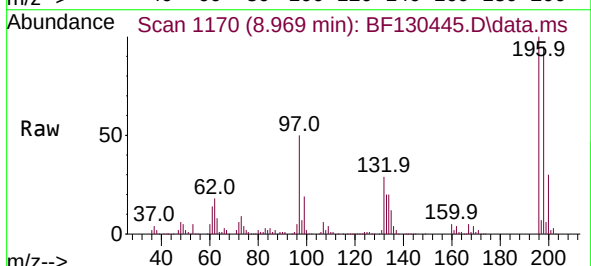
Concen: 45.499 ng

RT: 8.969 min Scan# 1170

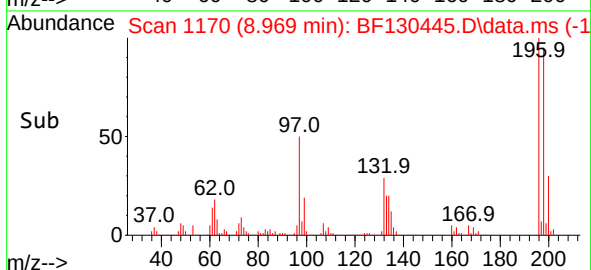
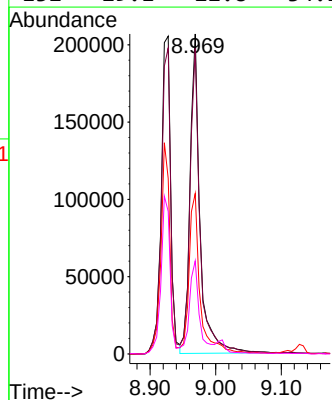
Delta R.T. 0.006 min

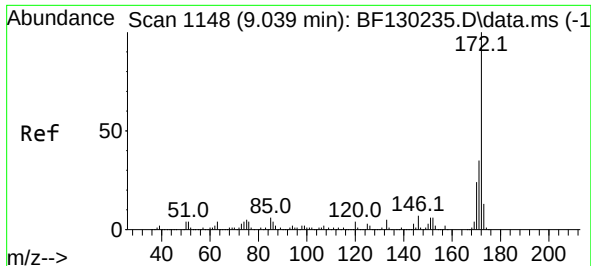
Lab File: BF130445.D

Acq: 28 Sep 2022 13:15



Tgt Ion:	196	Resp:	220489
Ion Ratio	Lower	Upper	
196	100		
198	95.4	74.8	112.2
97	50.1	43.7	65.5
132	29.1	22.8	34.2





#45

2-Fluorobiphenyl

Concen: 84.719 ng

RT: 9.010 min Scan# 1177

Delta R.T. 0.000 min

Lab File: BF130445.D

Acq: 28 Sep 2022 13:15

Instrument :

BNA_F

ClientSampleId :

PB147926BS

Tgt Ion:172 Resp: 1371748

Ion Ratio Lower Upper

172 100

171 35.0 28.3 42.5

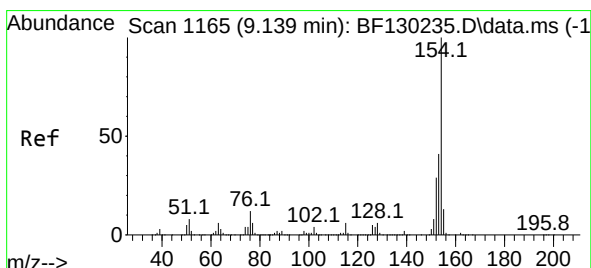
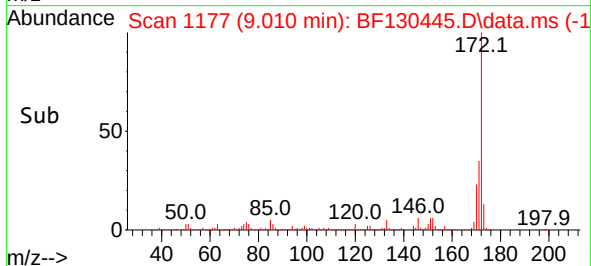
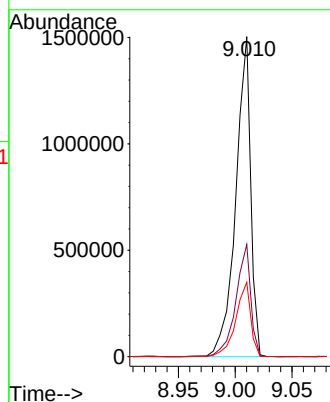
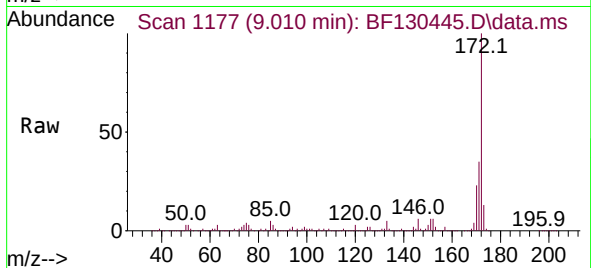
170 23.2 18.7 28.1

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 09/29/2022

Supervised By :Jagrut Upadhyay 09/29/2022



#46

1,1'-Biphenyl

Concen: 45.852 ng

RT: 9.110 min Scan# 1194

Delta R.T. 0.006 min

Lab File: BF130445.D

Acq: 28 Sep 2022 13:15

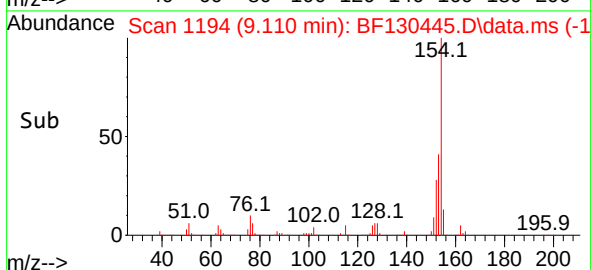
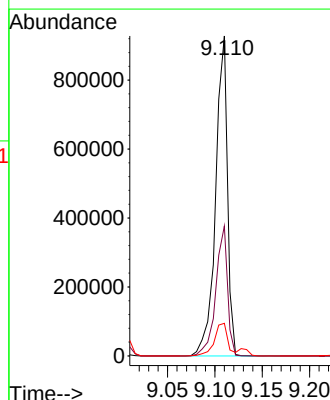
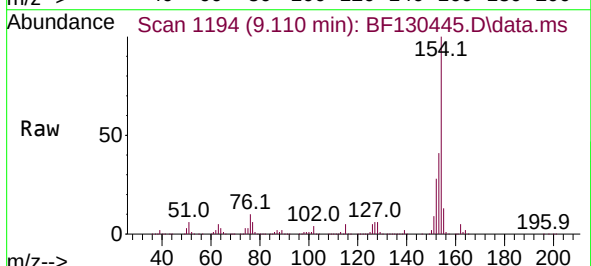
Tgt Ion:154 Resp: 807419

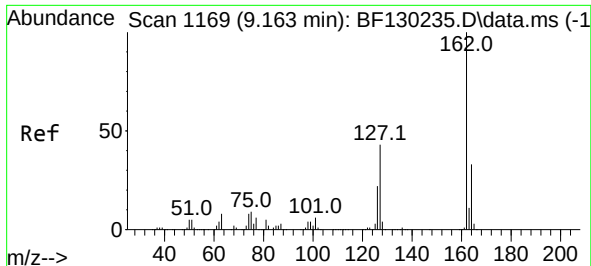
Ion Ratio Lower Upper

154 100

153 40.6 20.0 60.0

76 10.2 0.0 33.3





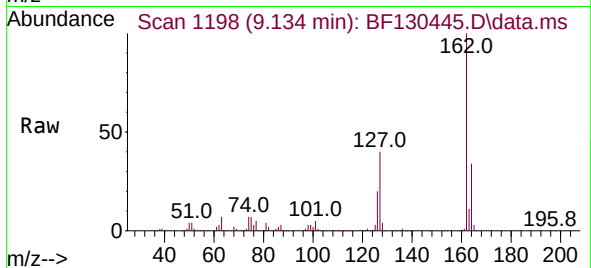
#47
2-Chloronaphthalene
Concen: 44.128 ng
RT: 9.134 min Scan# 1169
Delta R.T. 0.006 min
Lab File: BF130445.D
Acq: 28 Sep 2022 13:15

Instrument :

BNA_F

ClientSampleId :

PB147926BS

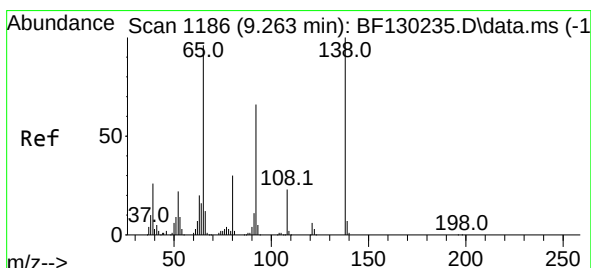
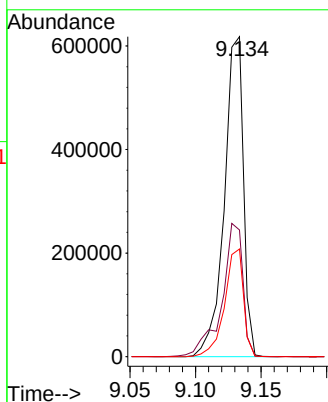
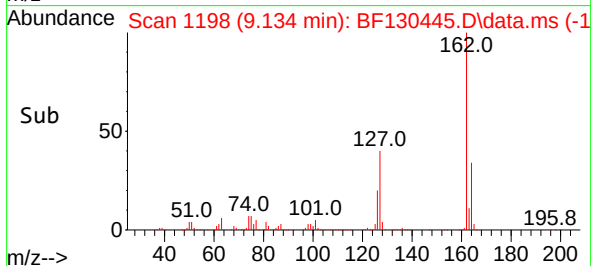


Tgt Ion: 162 Resp: 62859
Ion Ratio Lower Upper
162 100
127 39.6 35.9 53.9
164 33.6 26.2 39.2

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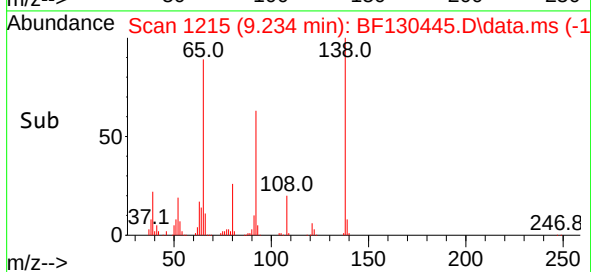
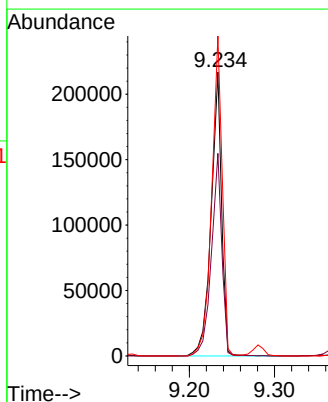
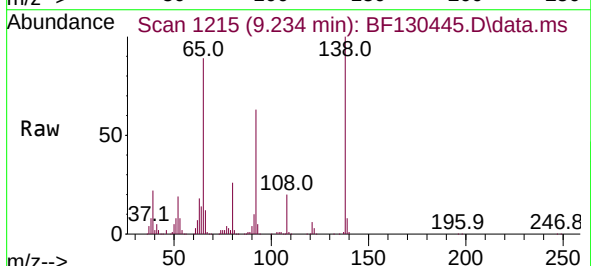
APPROVED

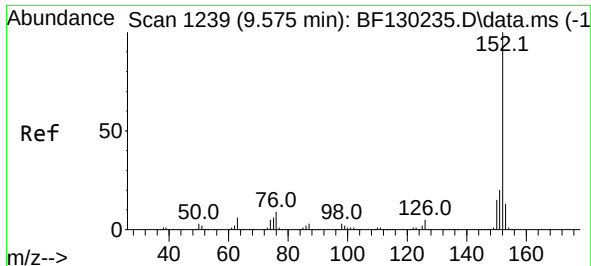
Reviewed By :Christian Giraldo 09/29/2022
Supervised By :Jagrut Upadhyay 09/29/2022



#48
2-Nitroaniline
Concen: 39.078 ng
RT: 9.234 min Scan# 1215
Delta R.T. 0.000 min
Lab File: BF130445.D
Acq: 28 Sep 2022 13:15

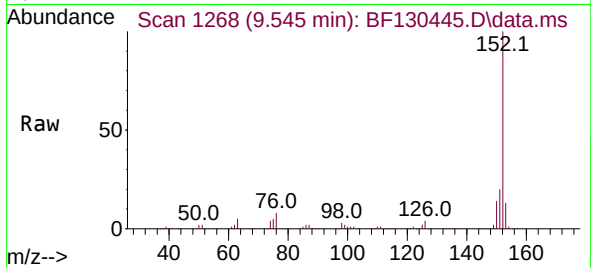
Tgt Ion: 65 Resp: 185662
Ion Ratio Lower Upper
65 100
92 71.4 52.2 78.4
138 112.8 77.0 115.4





#49
Acenaphthylene
Concen: 44.414 ng
RT: 9.545 min Scan# 1268
Delta R.T. 0.006 min
Lab File: BF130445.D
Acq: 28 Sep 2022 13:15

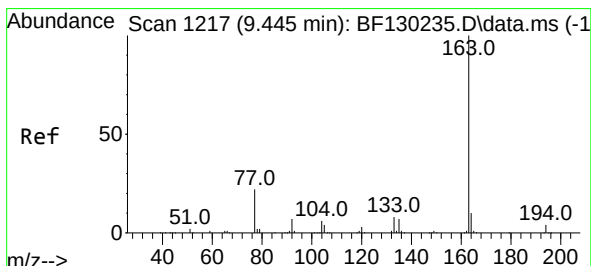
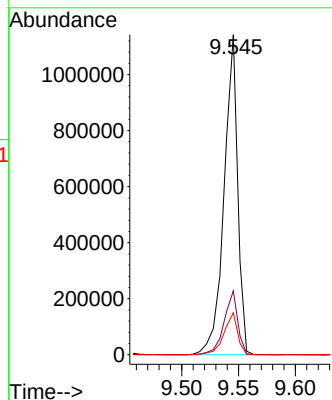
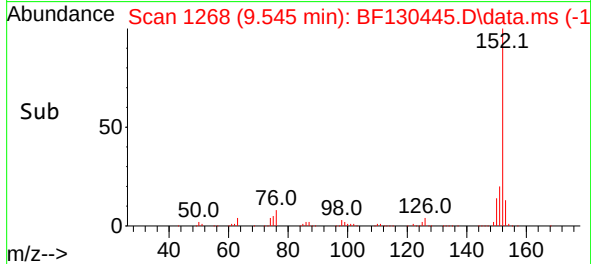
Instrument :
BNA_F
ClientSampleId :
PB147926BS



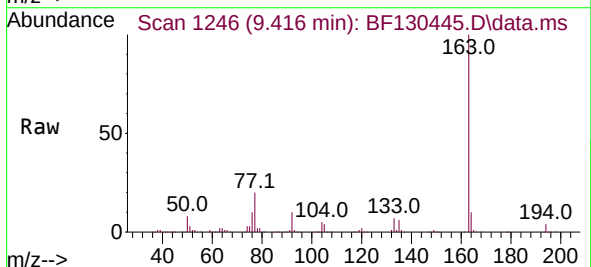
Tgt Ion:152 Resp: 948591
Ion Ratio Lower Upper
152 100
151 19.9 16.2 24.2
153 13.1 10.6 15.8

Manual Integrations
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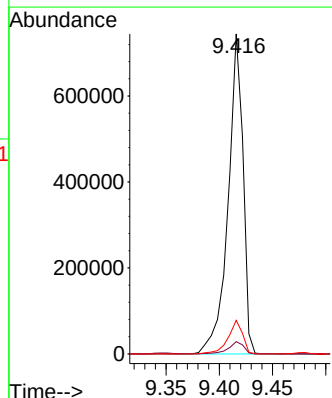
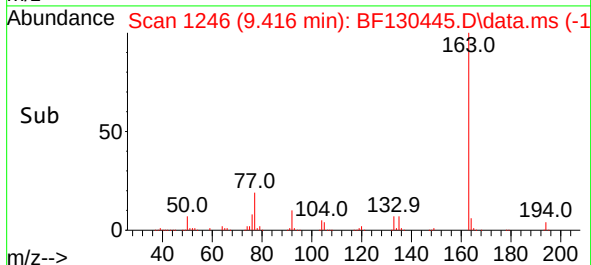
Reviewed By :Christian Giraldo 09/29/2022
Supervised By :Jagrut Upadhyay 09/29/2022

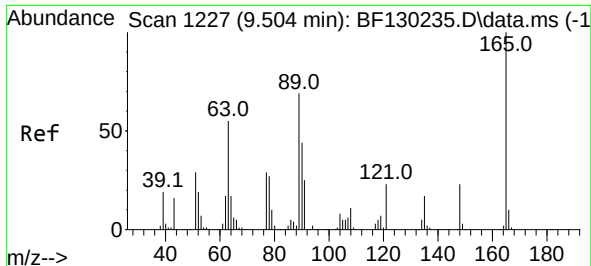


#50
Dimethylphthalate
Concen: 44.532 ng
RT: 9.416 min Scan# 1246
Delta R.T. 0.000 min
Lab File: BF130445.D
Acq: 28 Sep 2022 13:15



Tgt Ion:163 Resp: 725292
Ion Ratio Lower Upper
163 100
194 3.8 2.8 4.2
164 10.5 8.2 12.2





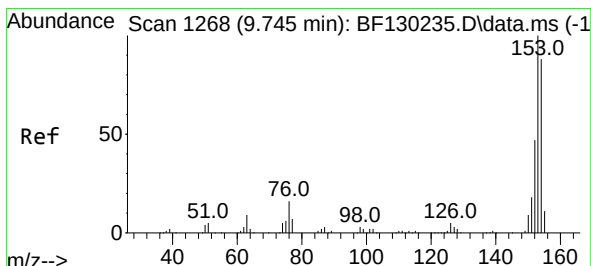
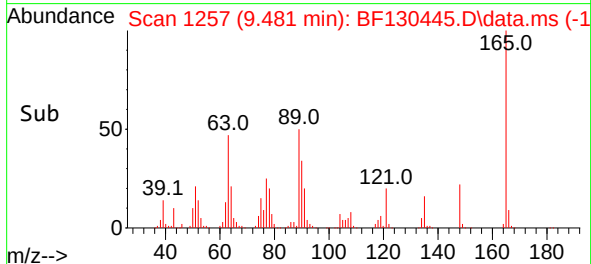
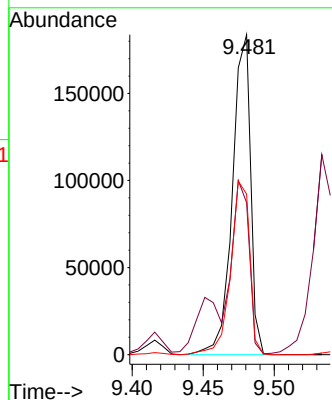
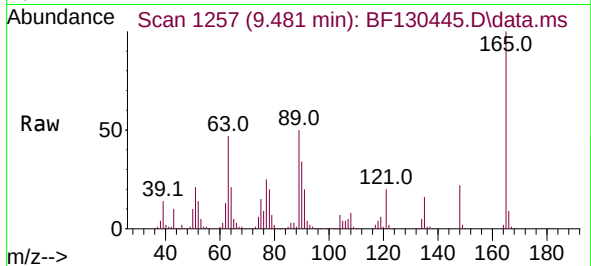
#51
2,6-Dinitrotoluene
Concen: 48.068 ng
RT: 9.481 min Scan# 1227
Delta R.T. 0.006 min
Lab File: BF130445.D
Acq: 28 Sep 2022 13:15

Instrument :
BNA_F
ClientSampleId :
PB147926BS

Tgt Ion:165 Resp: 163730
Ion Ratio Lower Upper
165 100
63 47.5 58.8 88.2
89 50.2 54.5 81.7

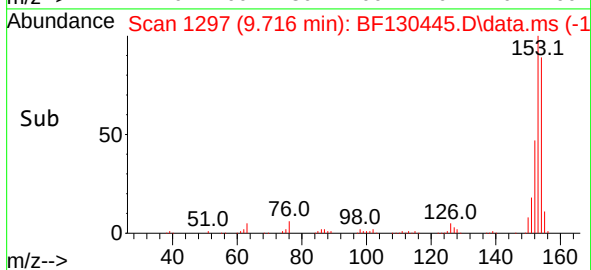
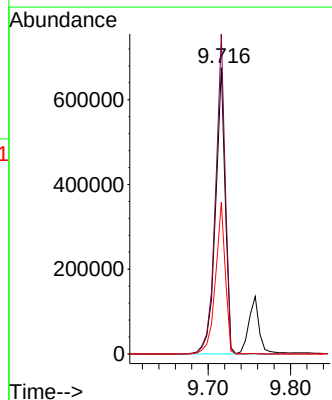
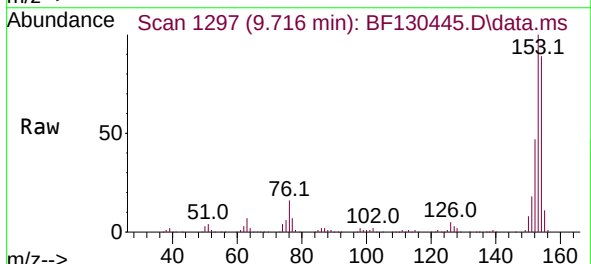
Manual Integrations
APPROVED

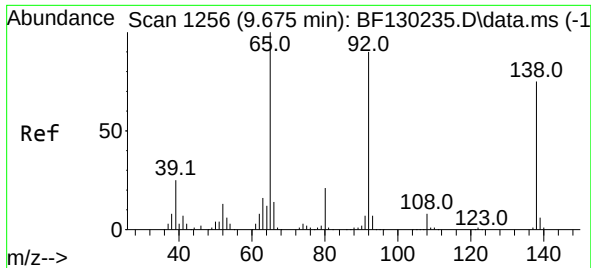
Reviewed By :Christian Giraldo 09/29/2022
Supervised By :Jagrut Upadhyay 09/29/2022



#52
Acenaphthene
Concen: 48.196 ng m
RT: 9.716 min Scan# 1297
Delta R.T. 0.000 min
Lab File: BF130445.D
Acq: 28 Sep 2022 13:15

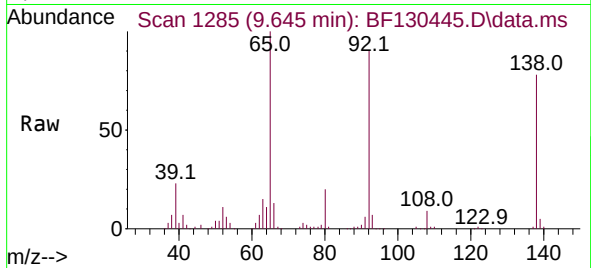
Tgt Ion:154 Resp: 676327
Ion Ratio Lower Upper
154 100
153 111.8 90.6 136.0
152 53.0 43.8 65.6





#53
3-Nitroaniline
Concen: 33.172 ng
RT: 9.645 min Scan# 1256
Delta R.T. 0.000 min
Lab File: BF130445.D
Acq: 28 Sep 2022 13:15

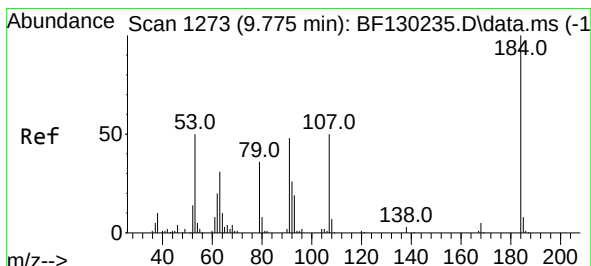
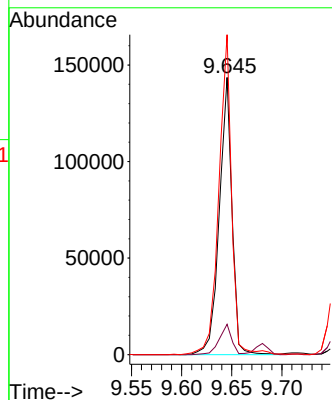
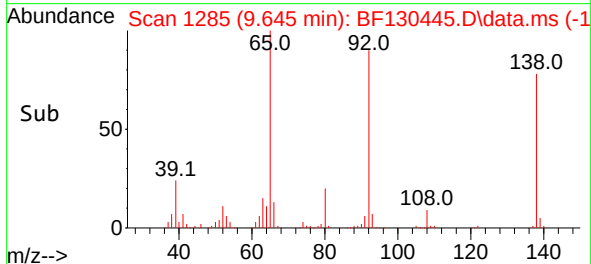
Instrument :
BNA_F
ClientSampleId :
PB147926BS



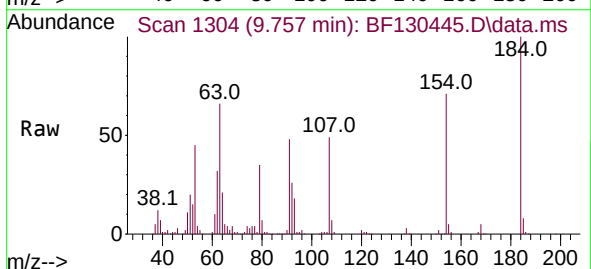
Tgt Ion:138 Resp: 125903
Ion Ratio Lower Upper
138 100
108 11.0 9.2 13.8
92 115.5 99.2 148.8

Manual Integrations
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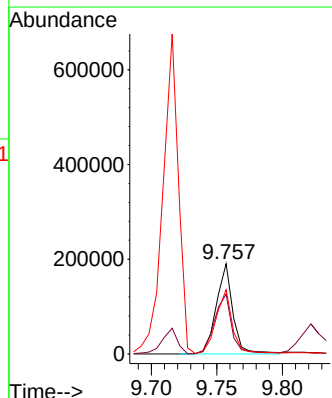
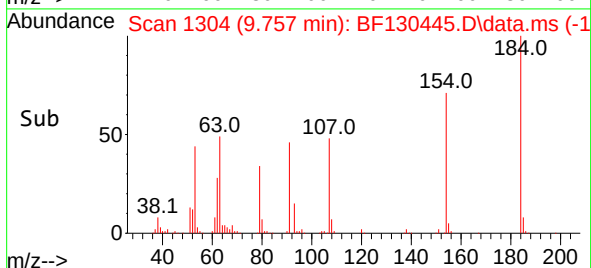
Reviewed By :Christian Giraldo 09/29/2022
Supervised By :Jagrut Upadhyay 09/29/2022

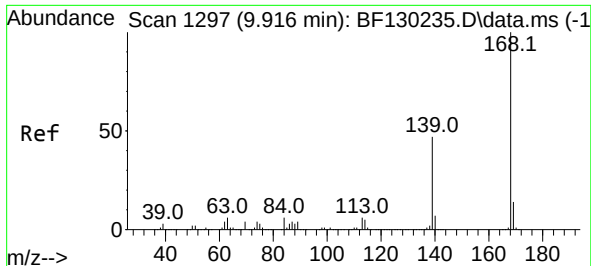


#54
2,4-Dinitrophenol
Concen: 89.774 ng
RT: 9.757 min Scan# 1304
Delta R.T. 0.006 min
Lab File: BF130445.D
Acq: 28 Sep 2022 13:15



Tgt Ion:184 Resp: 167411
Ion Ratio Lower Upper
184 100
63 66.2 70.0 105.0#
154 71.1 63.0 94.6





#55
Dibenzofuran
Concen: 44.259 ng
RT: 9.886 min Scan# 1315
Delta R.T. 0.000 min
Lab File: BF130445.D
Acq: 28 Sep 2022 13:15

Instrument :

BNA_F

ClientSampleId :

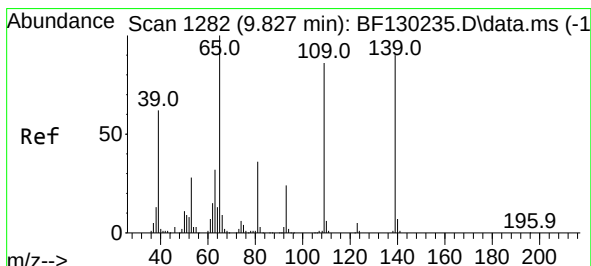
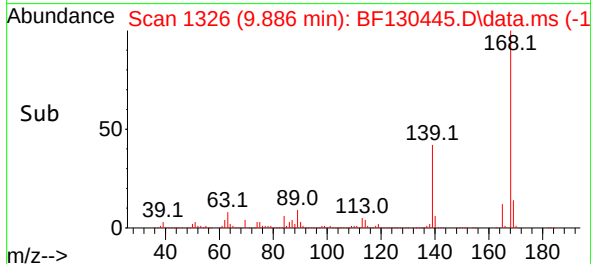
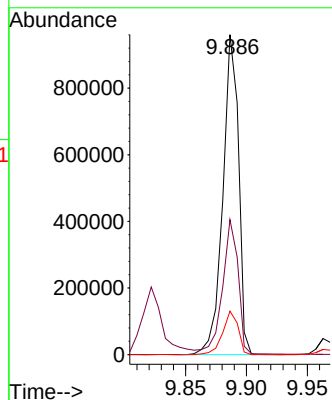
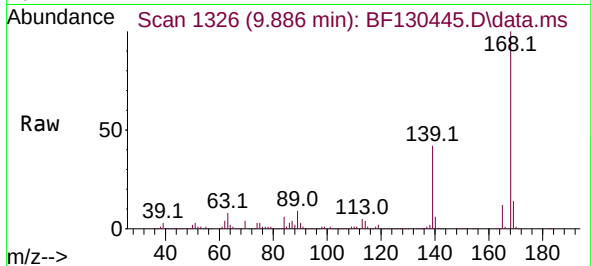
PB147926BS

Tgt Ion:168 Resp: 863879
Ion Ratio Lower Upper
168 100
139 42.2 35.0 52.4
169 13.6 10.9 16.3

Manual Integrations

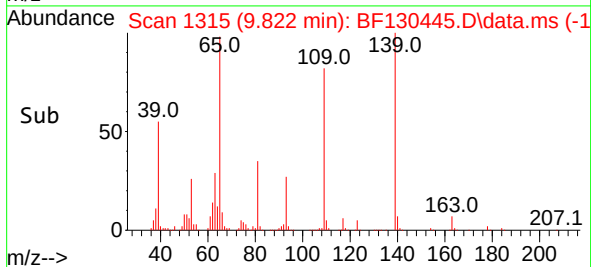
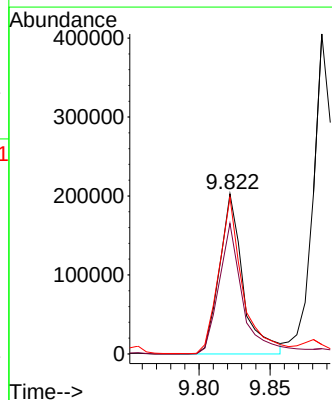
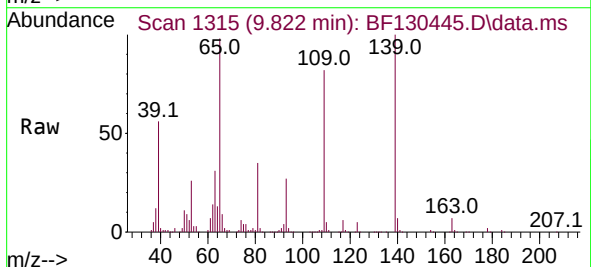
APPROVED

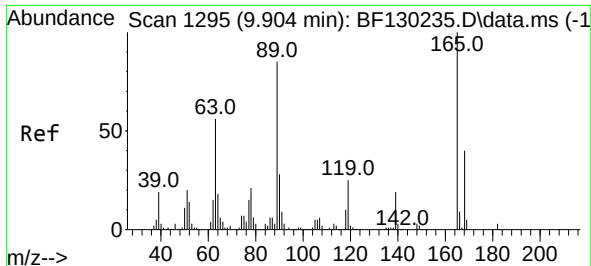
Reviewed By :Christian Giraldo 09/29/2022
Supervised By :Jagrut Upadhyay 09/29/2022



#56
4-Nitrophenol
Concen: 85.211 ng
RT: 9.822 min Scan# 1315
Delta R.T. 0.012 min
Lab File: BF130445.D
Acq: 28 Sep 2022 13:15

Tgt Ion:139 Resp: 235559
Ion Ratio Lower Upper
139 100
109 81.5 72.2 112.2
65 97.8 97.7 137.7





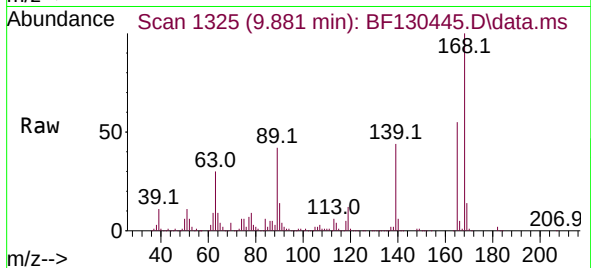
#57
 2,4-Dinitrotoluene
 Concen: 48.637 ng
 RT: 9.881 min Scan# 1325
 Delta R.T. 0.006 min
 Lab File: BF130445.D
 Acq: 28 Sep 2022 13:15

Instrument :

BNA_F

ClientSampleId :

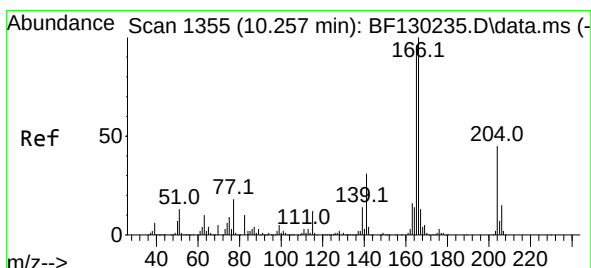
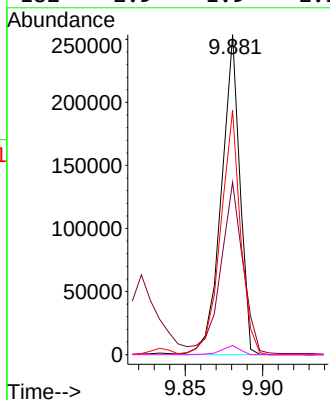
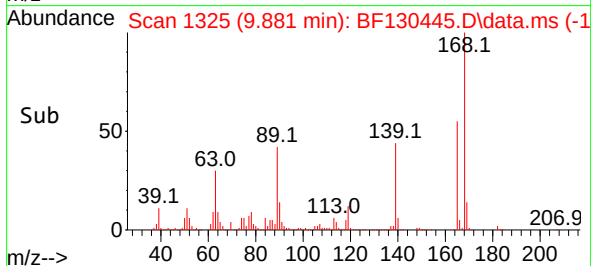
PB147926BS



Tgt Ion:165 Resp: 211724
 Ion Ratio Lower Upper
 165 100
 63 53.9 44.7 67.1
 89 76.3 69.0 103.4
 182 2.9 1.9 2.9#

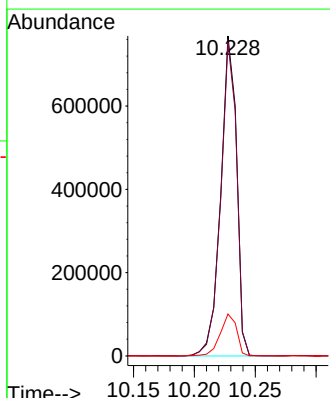
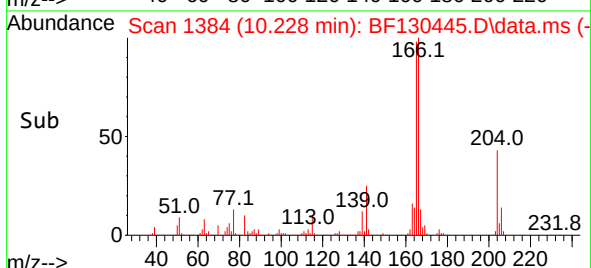
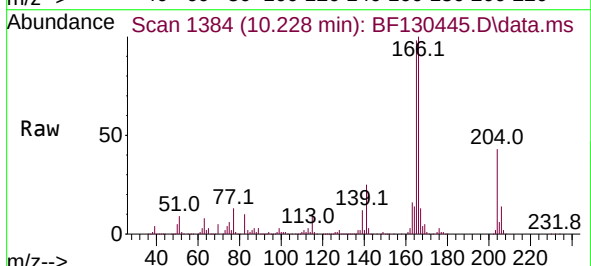
Manual Integrations
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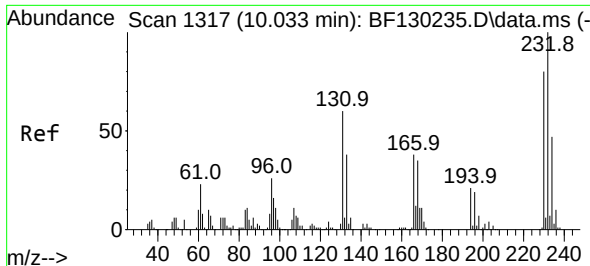
Reviewed By :Christian Giraldo 09/29/2022
 Supervised By :Jagrut Upadhyay 09/29/2022



#58
 Fluorene
 Concen: 43.637 ng
 RT: 10.228 min Scan# 1384
 Delta R.T. 0.000 min
 Lab File: BF130445.D
 Acq: 28 Sep 2022 13:15

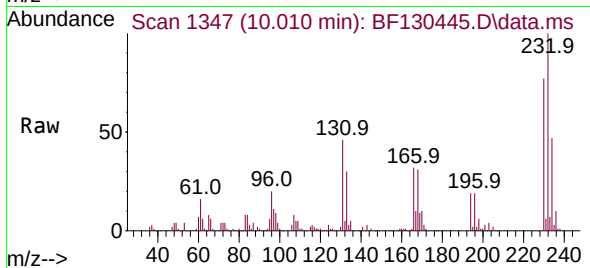
Tgt Ion:166 Resp: 696564
 Ion Ratio Lower Upper
 166 100
 165 98.0 78.8 118.2
 167 13.1 10.6 15.8





#59
2,3,4,6-Tetrachlorophenol
Concen: 45.651 ng
RT: 10.010 min Scan# 1317
Delta R.T. 0.006 min
Lab File: BF130445.D
Acq: 28 Sep 2022 13:15

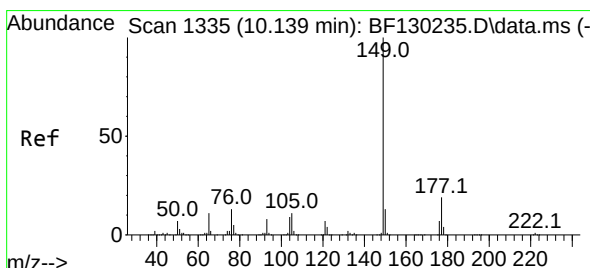
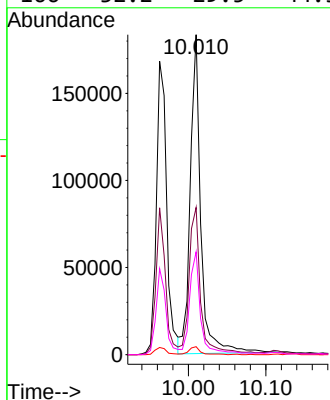
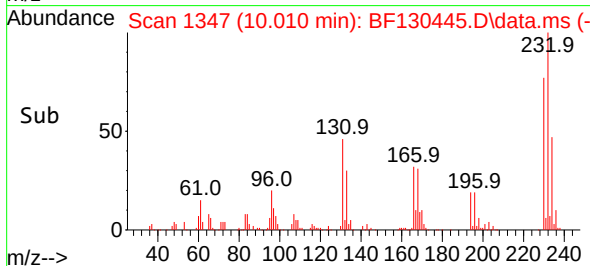
Instrument :
BNA_F
ClientSampleId :
PB147926BS



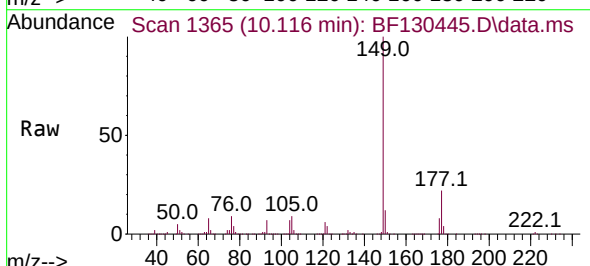
Tgt Ion:232 Resp: 173152
Ion Ratio Lower Upper
232 100
131 51.2 46.4 69.6
130 2.7 2.3 3.5
166 32.2 29.5 44.3

Manual Integrations
APPROVED

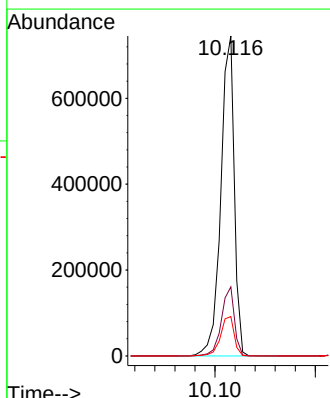
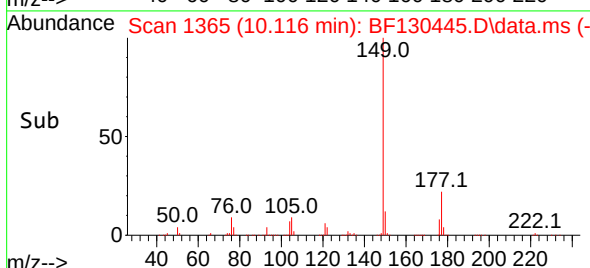
Reviewed By :Christian Giraldo 09/29/2022
Supervised By :Jagrut Upadhyay 09/29/2022

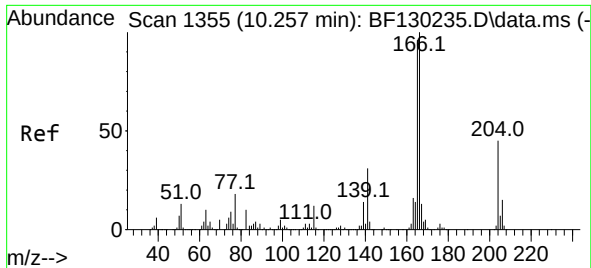


#60
Diethylphthalate
Concen: 42.649 ng
RT: 10.116 min Scan# 1365
Delta R.T. 0.006 min
Lab File: BF130445.D
Acq: 28 Sep 2022 13:15



Tgt Ion:149 Resp: 696566
Ion Ratio Lower Upper
149 100
177 21.6 16.1 24.1
150 12.3 9.9 14.9





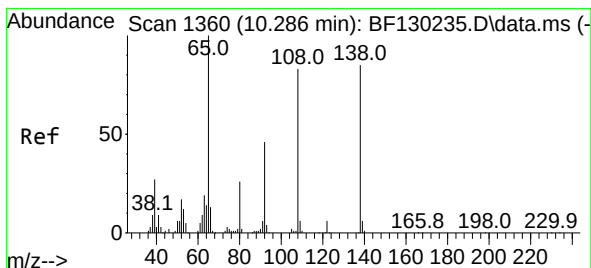
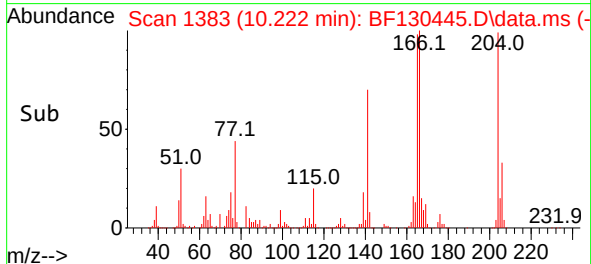
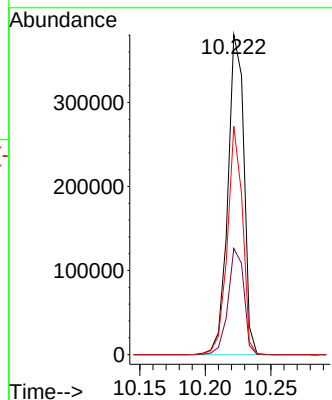
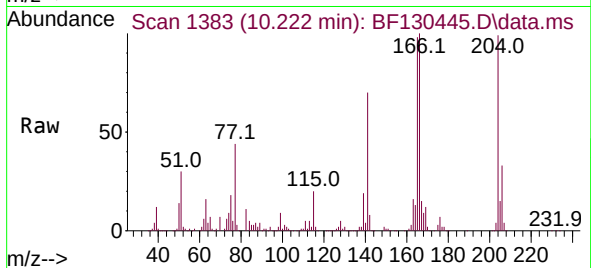
#61
4-Chlorophenyl-phenylether
Concen: 46.325 ng
RT: 10.222 min Scan# 1383
Delta R.T. 0.000 min
Lab File: BF130445.D
Acq: 28 Sep 2022 13:15

Instrument :
BNA_F
ClientSampleId :
PB147926BS

Tgt Ion:204 Resp: 324388
Ion Ratio Lower Upper
204 100
206 33.2 26.6 39.8
141 71.3 57.1 85.7

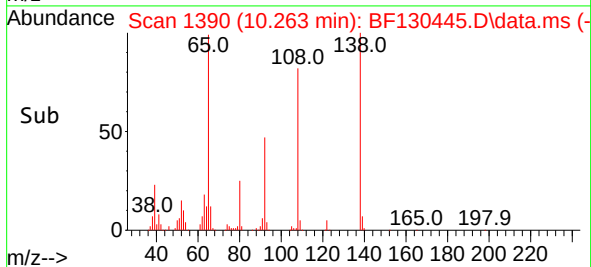
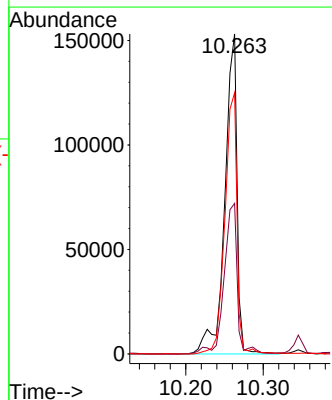
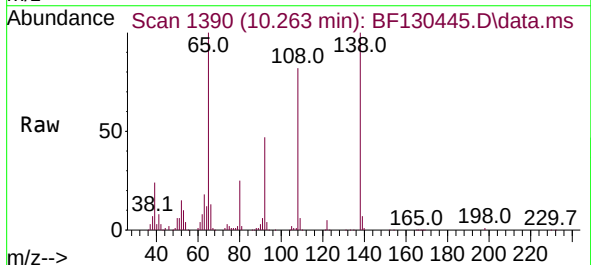
Manual Integrations
APPROVED

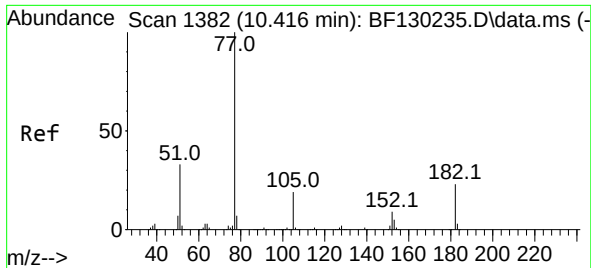
Reviewed By :Christian Giraldo 09/29/2022
Supervised By :Jagrut Upadhyay 09/29/2022



#62
4-Nitroaniline
Concen: 44.156 ng
RT: 10.263 min Scan# 1390
Delta R.T. 0.012 min
Lab File: BF130445.D
Acq: 28 Sep 2022 13:15

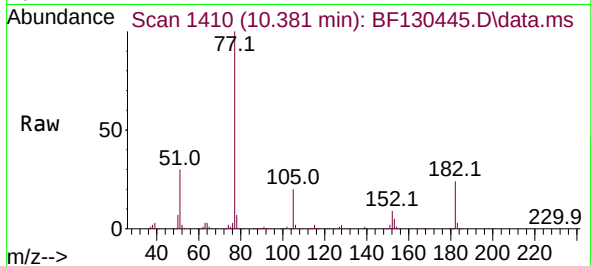
Tgt Ion:138 Resp: 168358
Ion Ratio Lower Upper
138 100
92 47.0 36.7 76.7
108 81.6 78.2 118.2





#63
Azobenzene
Concen: 37.885 ng
RT: 10.381 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF130445.D
Acq: 28 Sep 2022 13:15

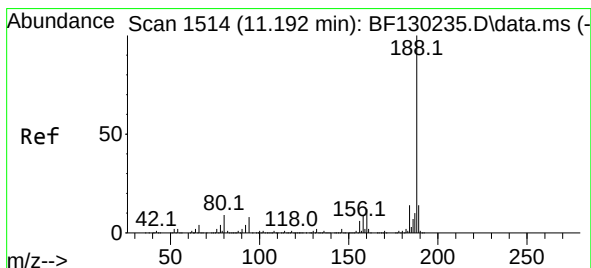
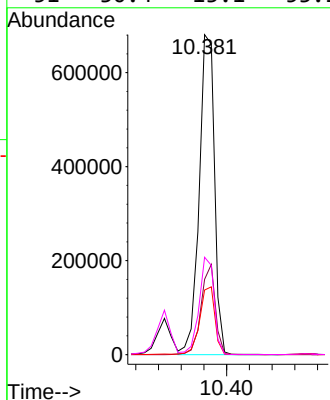
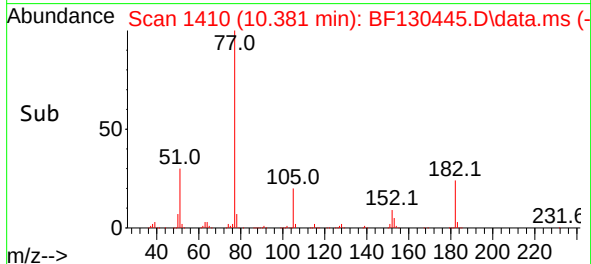
Instrument :
BNA_F
ClientSampleId :
PB147926BS



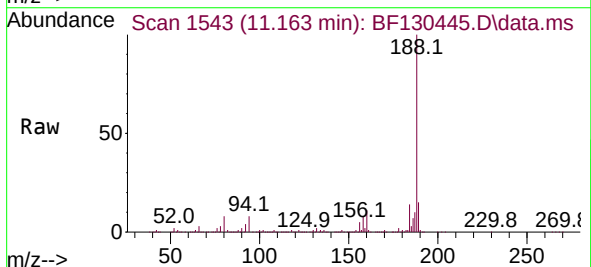
Tgt Ion: 77 Resp: 63714
Ion Ratio Lower Upper
77 100
182 23.5 2.1 42.1
105 20.2 0.0 39.4
51 30.4 13.1 53.1

Manual Integrations
APPROVED

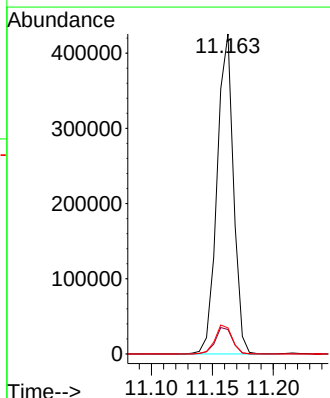
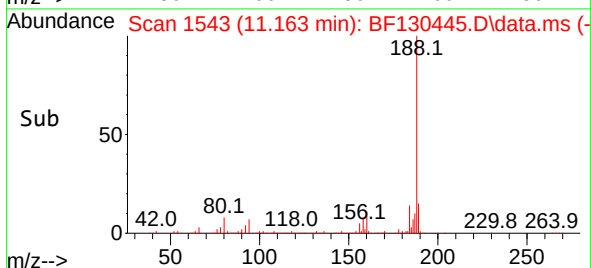
Reviewed By :Christian Giraldo 09/29/2022
Supervised By :Jagrut Upadhyay 09/29/2022

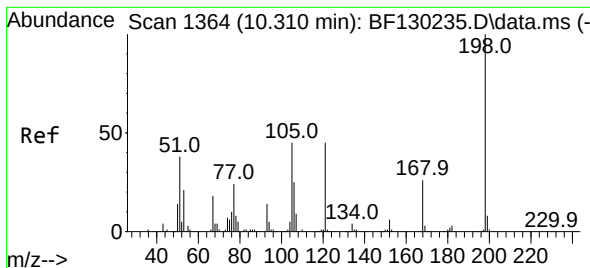


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.163 min Scan# 1543
Delta R.T. 0.006 min
Lab File: BF130445.D
Acq: 28 Sep 2022 13:15



Tgt Ion:188 Resp: 398726
Ion Ratio Lower Upper
188 100
94 7.6 7.4 11.2
80 8.1 7.9 11.9





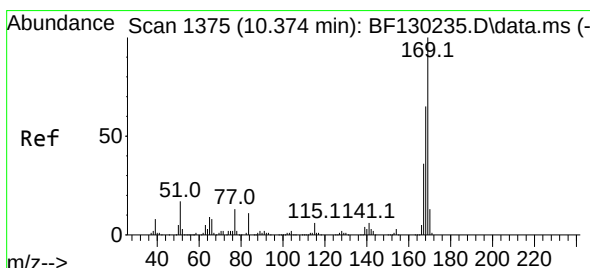
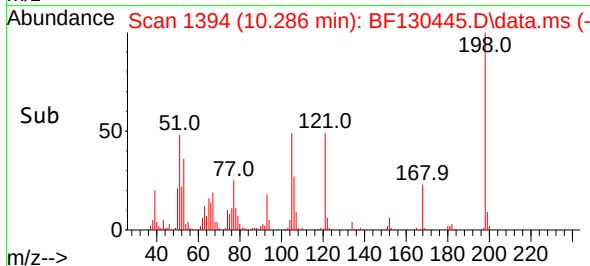
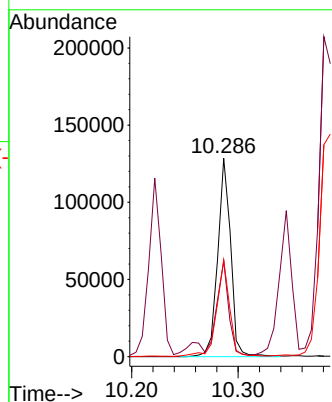
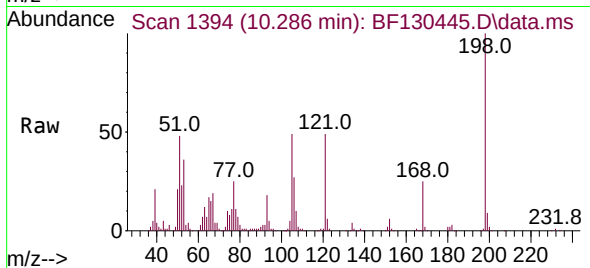
#65
4,6-Dinitro-2-methylphenol
Concen: 48.953 ng
RT: 10.286 min Scan# 1364
Delta R.T. 0.006 min
Lab File: BF130445.D
Acq: 28 Sep 2022 13:15

Instrument :
BNA_F
ClientSampleId :
PB147926BS

Tgt Ion:198 Resp: 108656
Ion Ratio Lower Upper
198 100
51 48.2 36.9 76.9
105 48.7 33.0 73.0

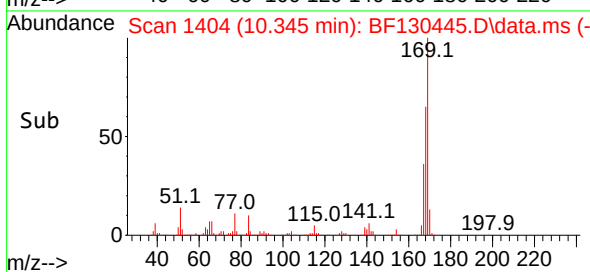
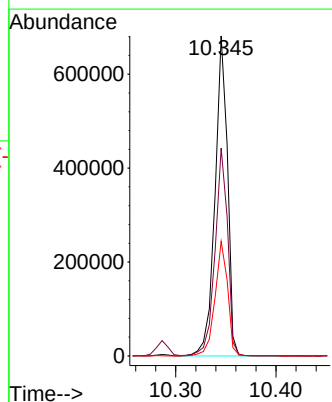
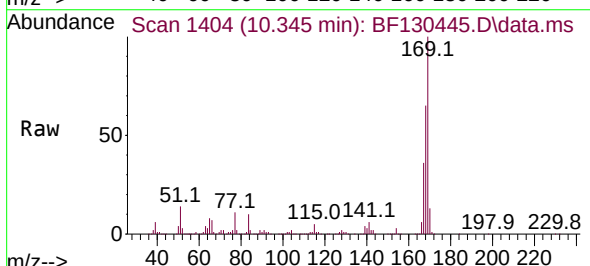
Manual Integrations
APPROVED

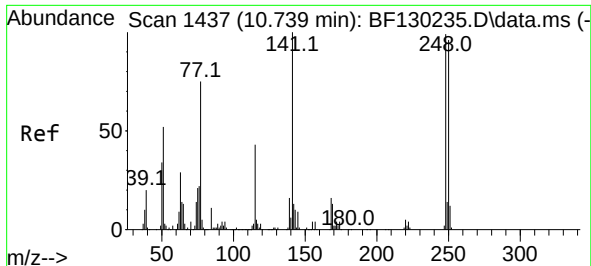
Reviewed By :Christian Giraldo 09/29/2022
Supervised By :Jagrut Upadhyay 09/29/2022



#66
n-Nitrosodiphenylamine
Concen: 44.252 ng
RT: 10.345 min Scan# 1404
Delta R.T. 0.000 min
Lab File: BF130445.D
Acq: 28 Sep 2022 13:15

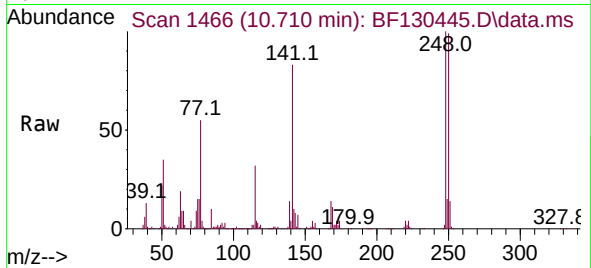
Tgt Ion:169 Resp: 589623
Ion Ratio Lower Upper
169 100
168 64.9 53.2 79.8
167 35.8 29.2 43.8





#67
4-Bromophenyl-phenylether
Concen: 46.877 ng
RT: 10.710 min Scan# 1466
Delta R.T. 0.000 min
Lab File: BF130445.D
Acq: 28 Sep 2022 13:15

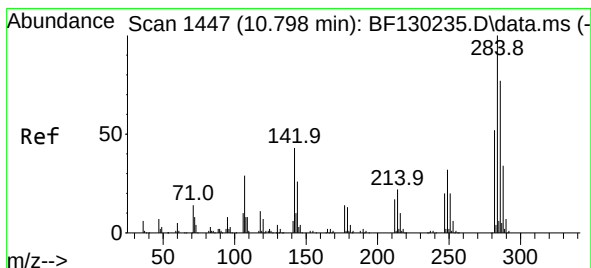
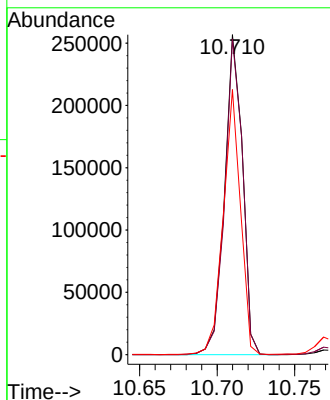
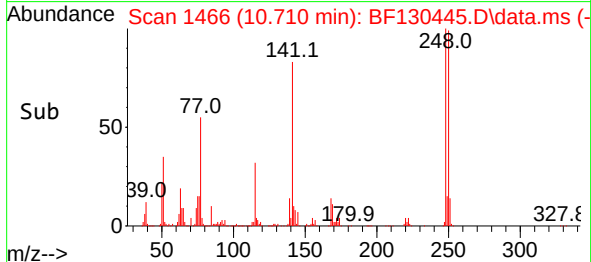
Instrument :
BNA_F
ClientSampleId :
PB147926BS



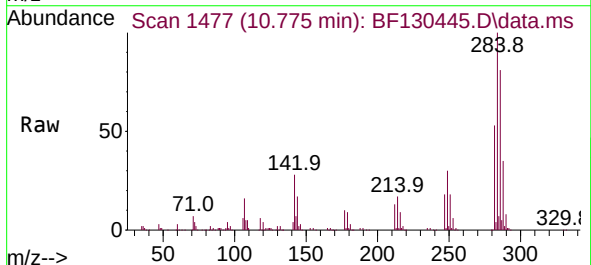
Tgt Ion:248 Resp: 206191
Ion Ratio Lower Upper
248 100
250 98.7 80.0 120.0
141 82.8 68.5 102.7

Manual Integrations
APPROVED

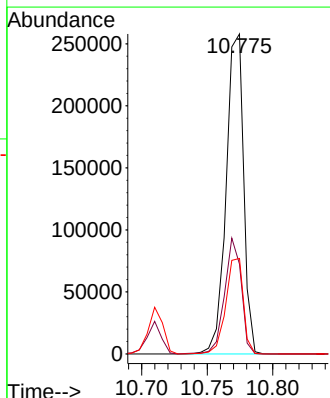
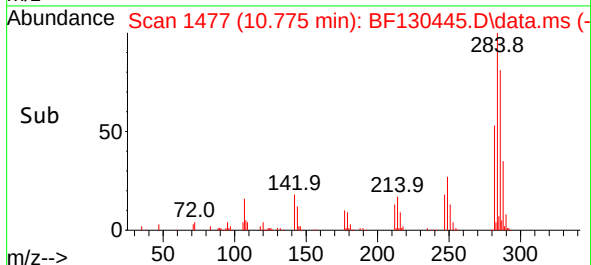
Reviewed By :Christian Giraldo 09/29/2022
Supervised By :Jagrut Upadhyay 09/29/2022

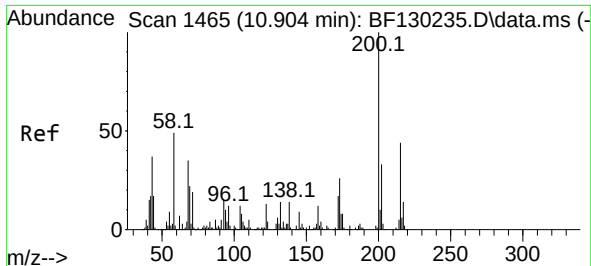


#68
Hexachlorobenzene
Concen: 48.129 ng
RT: 10.775 min Scan# 1477
Delta R.T. 0.006 min
Lab File: BF130445.D
Acq: 28 Sep 2022 13:15



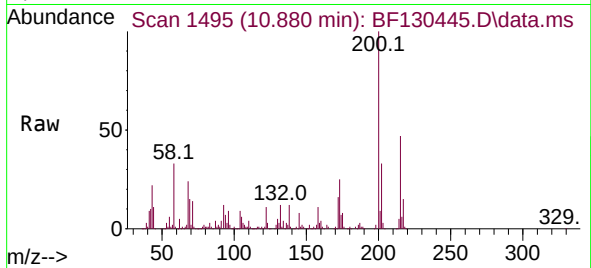
Tgt Ion:284 Resp: 239979
Ion Ratio Lower Upper
284 100
142 28.1 27.2 40.8
249 29.8 23.8 35.8





#69
 Atrazine
 Concen: 49.688 ng
 RT: 10.880 min Scan# 1465
 Delta R.T. 0.006 min
 Lab File: BF130445.D
 Acq: 28 Sep 2022 13:15

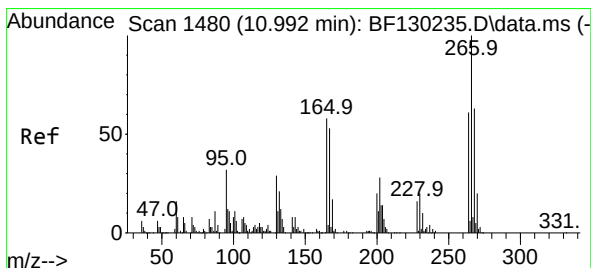
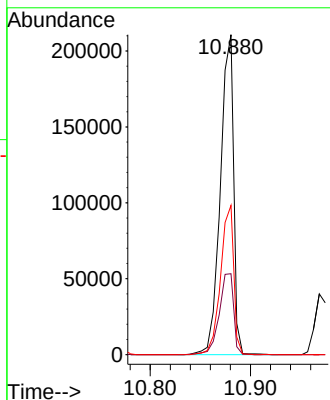
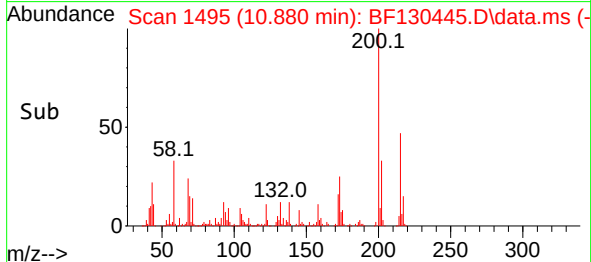
Instrument :
 BNA_F
 ClientSampleId :
 PB147926BS



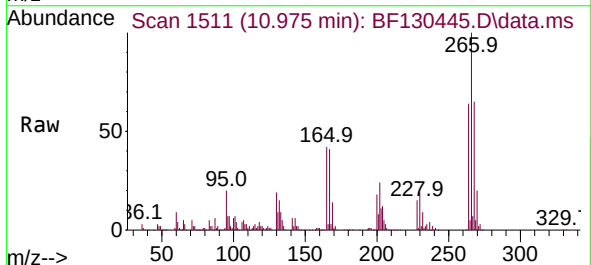
Tgt Ion:200 Resp: 193475
 Ion Ratio Lower Upper
 200 100
 173 25.3 6.2 46.2
 215 46.6 22.5 62.5

Manual Integrations
 APPROVED

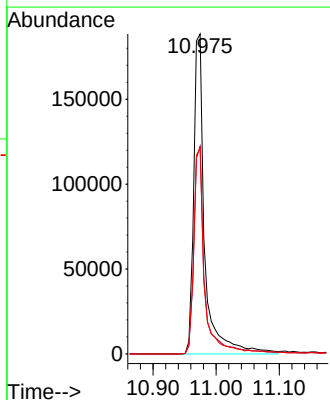
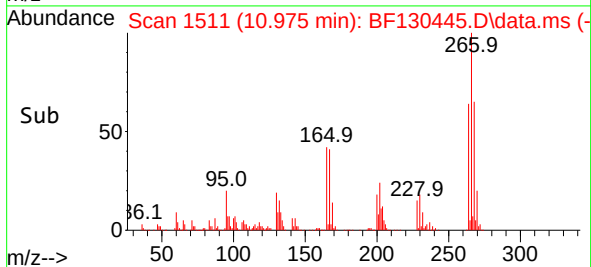
Reviewed By :Christian Giraldo 09/29/2022
 Supervised By :Jagrut Upadhyay 09/29/2022

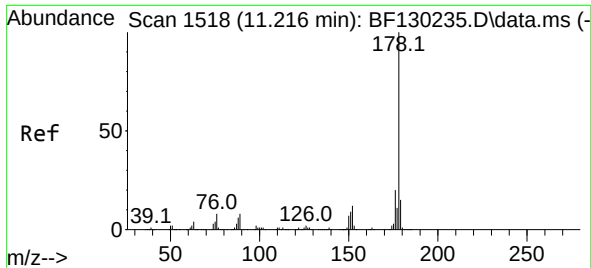


#70
 Pentachlorophenol
 Concen: 86.369 ng
 RT: 10.975 min Scan# 1511
 Delta R.T. 0.006 min
 Lab File: BF130445.D
 Acq: 28 Sep 2022 13:15



Tgt Ion:266 Resp: 231122
 Ion Ratio Lower Upper
 266 100
 268 64.8 50.5 75.7
 264 64.4 50.5 75.7





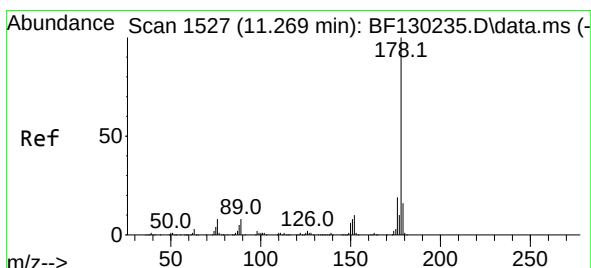
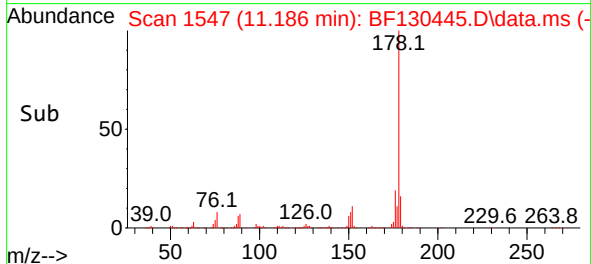
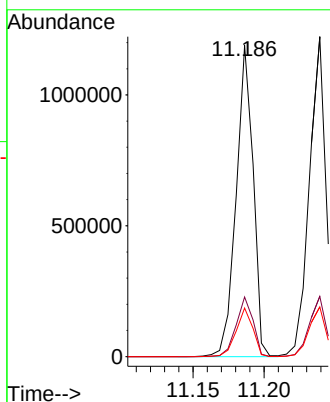
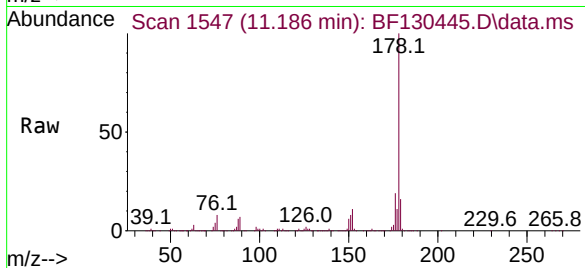
#71
Phenanthrene
Concen: 44.089 ng
RT: 11.186 min Scan# 11556
Delta R.T. 0.000 min
Lab File: BF130445.D
Acq: 28 Sep 2022 13:15

Instrument :
BNA_F
ClientSampleId :
PB147926BS

Tgt Ion:178 Resp: 986993
Ion Ratio Lower Upper
178 100
176 19.1 15.4 23.0
179 15.6 12.4 18.6

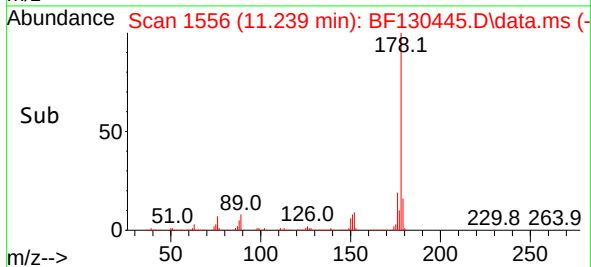
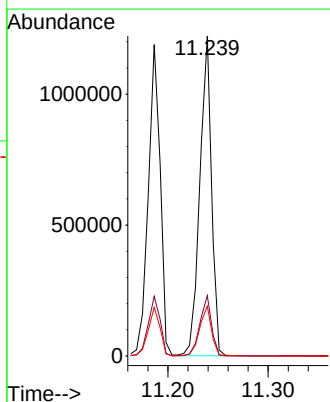
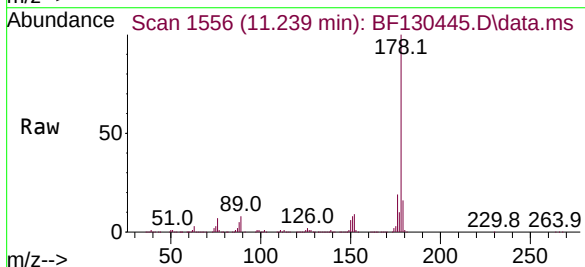
Manual Integrations
APPROVED

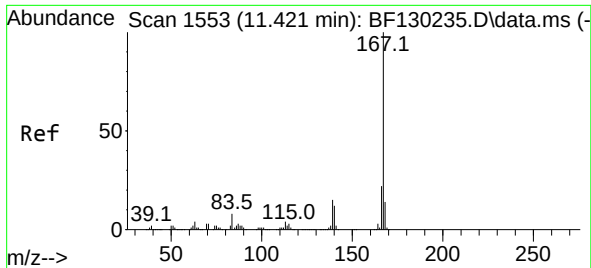
Reviewed By :Christian Giraldo 09/29/2022
Supervised By :Jagrut Upadhyay 09/29/2022



#72
Anthracene
Concen: 45.899 ng
RT: 11.239 min Scan# 1556
Delta R.T. 0.006 min
Lab File: BF130445.D
Acq: 28 Sep 2022 13:15

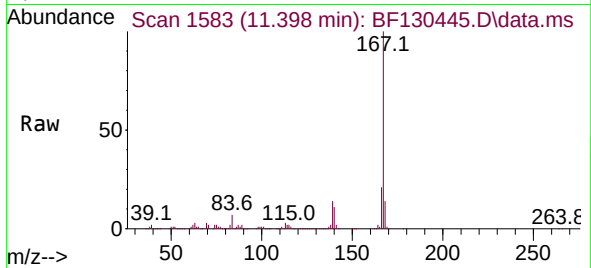
Tgt Ion:178 Resp: 991568
Ion Ratio Lower Upper
178 100
176 18.9 15.0 22.6
179 15.5 12.7 19.1





#73
Carbazole
Concen: 46.002 ng
RT: 11.398 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF130445.D
Acq: 28 Sep 2022 13:15

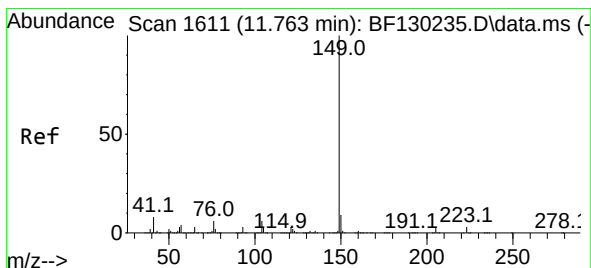
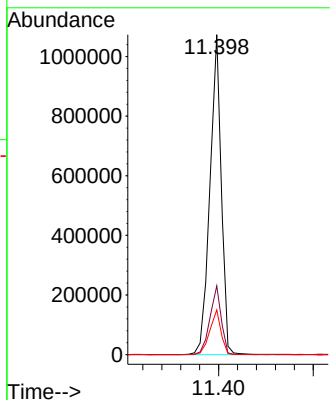
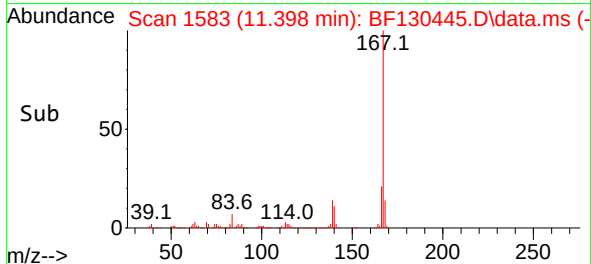
Instrument :
BNA_F
ClientSampleId :
PB147926BS



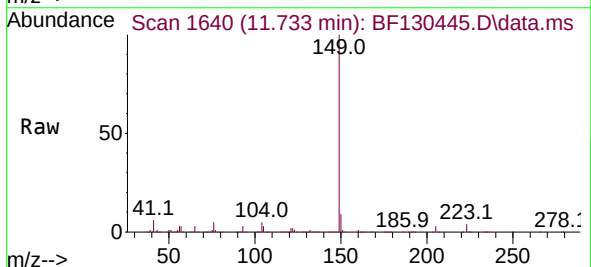
Tgt Ion:167 Resp: 896884
Ion Ratio Lower Upper
167 100
166 21.5 17.4 26.2
139 14.0 11.6 17.4

Manual Integrations
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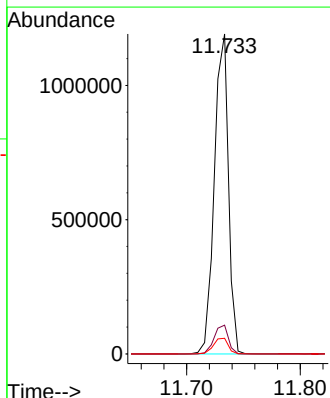
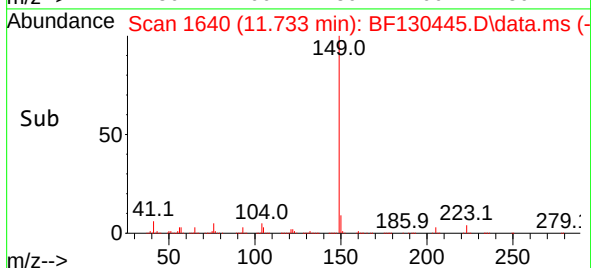
Reviewed By :Christian Giraldo 09/29/2022
Supervised By :Jagrut Upadhyay 09/29/2022

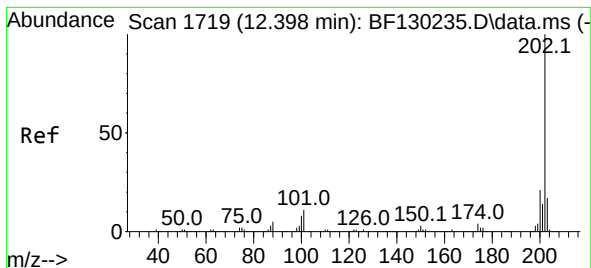


#74
Di-n-butylphthalate
Concen: 43.626 ng
RT: 11.733 min Scan# 1640
Delta R.T. 0.006 min
Lab File: BF130445.D
Acq: 28 Sep 2022 13:15



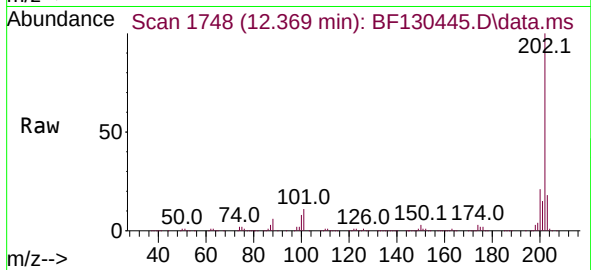
Tgt Ion:149 Resp: 1025683
Ion Ratio Lower Upper
149 100
150 9.0 7.4 11.2
104 4.9 4.8 7.2





#75
Fluoranthene
Concen: 45.421 ng
RT: 12.369 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF130445.D
Acq: 28 Sep 2022 13:15

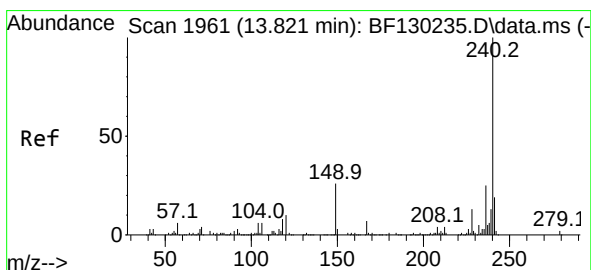
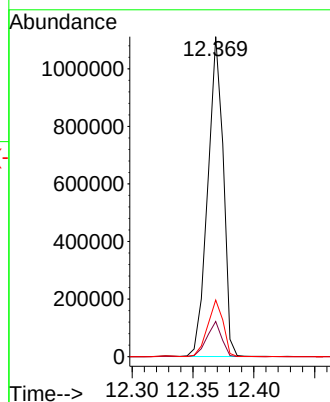
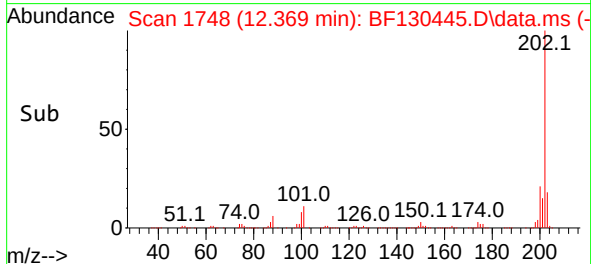
Instrument :
BNA_F
ClientSampleId :
PB147926BS



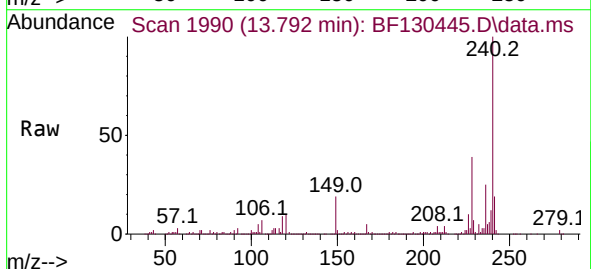
Tgt Ion:202 Resp: 98252
Ion Ratio Lower Upper
202 100
101 11.0 0.0 31.8
203 17.7 0.0 37.8

Manual Integrations
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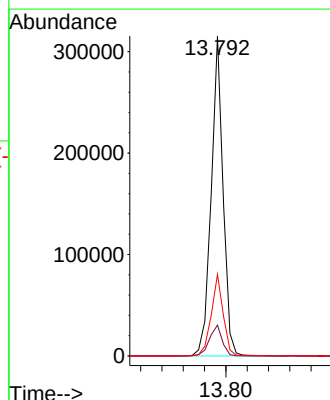
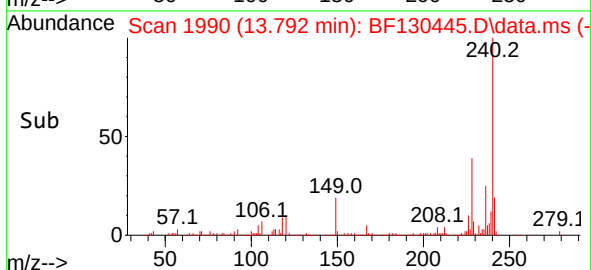
Reviewed By :Christian Giraldo 09/29/2022
Supervised By :Jagrut Upadhyay 09/29/2022

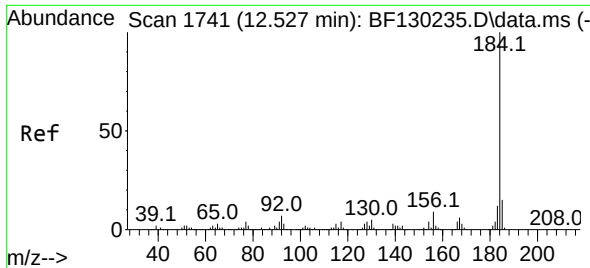


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.792 min Scan# 1990
Delta R.T. 0.000 min
Lab File: BF130445.D
Acq: 28 Sep 2022 13:15



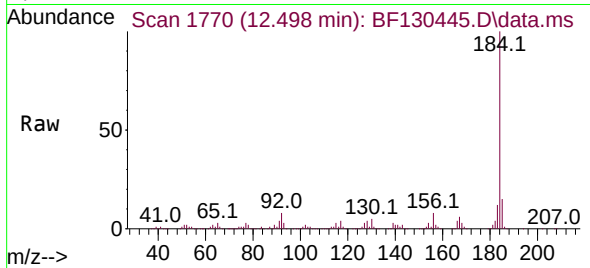
Tgt Ion:240 Resp: 243428
Ion Ratio Lower Upper
240 100
120 9.7 8.7 13.1
236 25.5 20.9 31.3





#77
Benzidine
Concen: 56.234 ng
RT: 12.498 min Scan# 1770
Delta R.T. 0.000 min
Lab File: BF130445.D
Acq: 28 Sep 2022 13:15

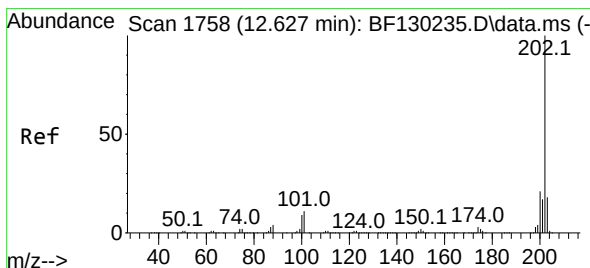
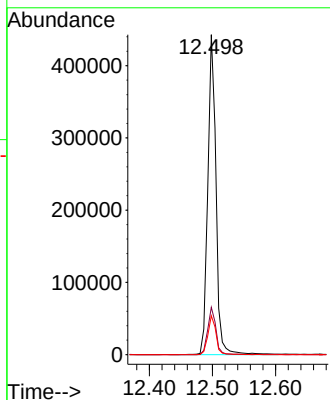
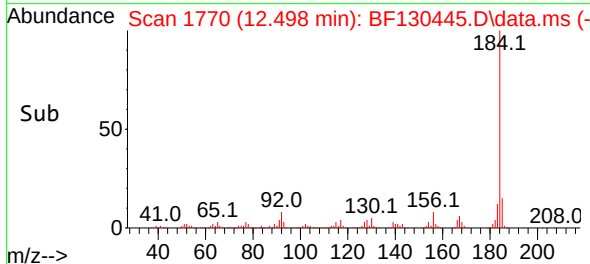
Instrument :
BNA_F
ClientSampleId :
PB147926BS



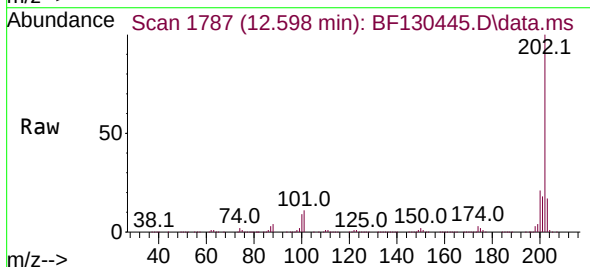
Tgt Ion:184 Resp: 397374
Ion Ratio Lower Upper
184 100
185 14.8 11.8 17.6
183 12.1 9.1 13.7

Manual Integrations
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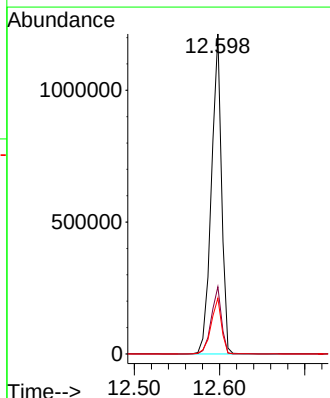
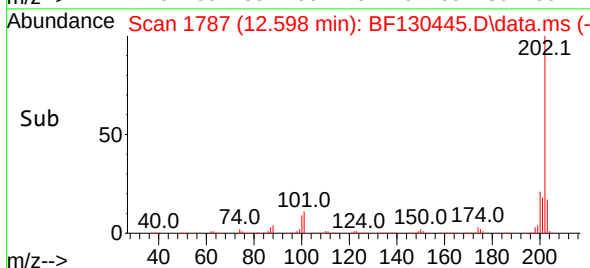
Reviewed By :Christian Giraldo 09/29/2022
Supervised By :Jagrut Upadhyay 09/29/2022

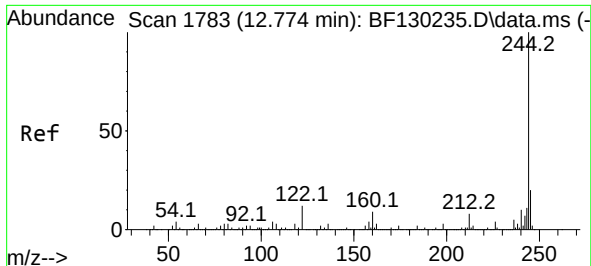


#78
Pyrene
Concen: 46.997 ng
RT: 12.598 min Scan# 1787
Delta R.T. 0.006 min
Lab File: BF130445.D
Acq: 28 Sep 2022 13:15



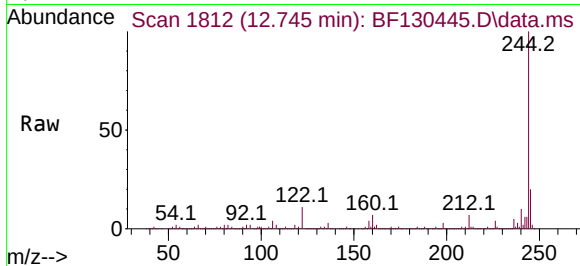
Tgt Ion:202 Resp: 1000809
Ion Ratio Lower Upper
202 100
200 21.0 17.2 25.8
203 17.4 14.3 21.5





#79
 Terphenyl-d14
 Concen: 96.500 ng
 RT: 12.745 min Scan# 1812
 Delta R.T. 0.000 min
 Lab File: BF130445.D
 Acq: 28 Sep 2022 13:15

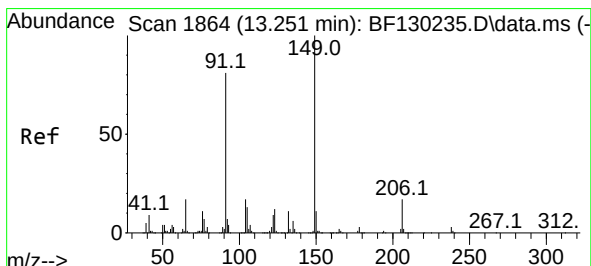
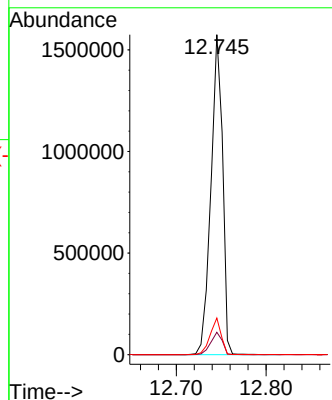
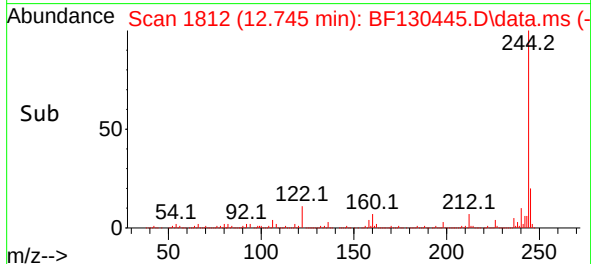
Instrument :
 BNA_F
 ClientSampleId :
 PB147926BS



Tgt Ion:244 Resp: 1418112
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.9 8.9
 122 11.4 8.5 12.7

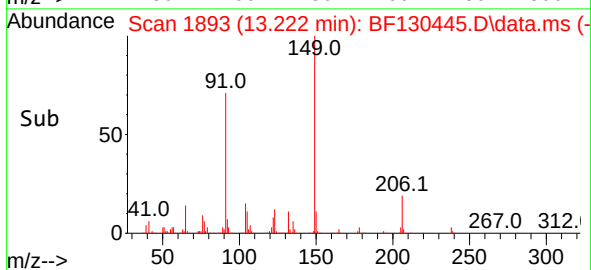
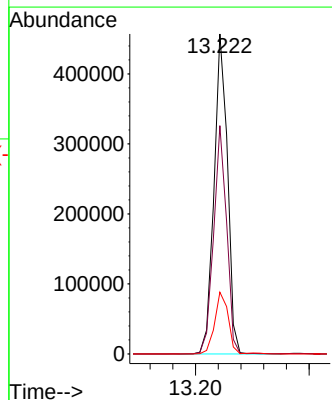
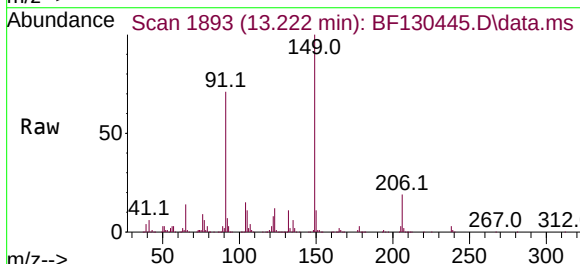
Manual Integrations
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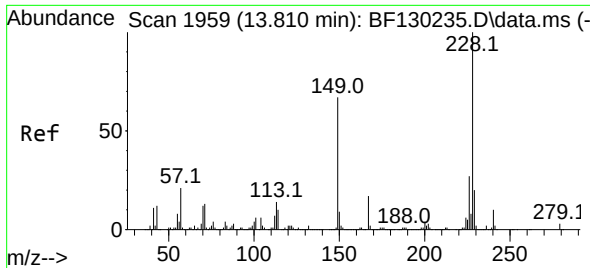
Reviewed By :Christian Giraldo 09/29/2022
 Supervised By :Jagrut Upadhyay 09/29/2022



#80
 Butylbenzylphthalate
 Concen: 47.564 ng
 RT: 13.222 min Scan# 1893
 Delta R.T. 0.000 min
 Lab File: BF130445.D
 Acq: 28 Sep 2022 13:15

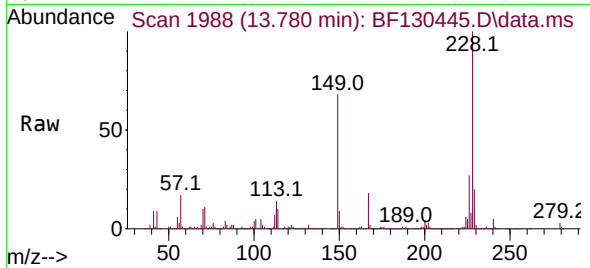
Tgt Ion:149 Resp: 375231
 Ion Ratio Lower Upper
 149 100
 91 71.3 59.8 89.8
 206 19.3 13.9 20.9





#81
Benzo(a)anthracene
Concen: 45.672 ng
RT: 13.780 min Scan# 1959
Delta R.T. 0.000 min
Lab File: BF130445.D
Acq: 28 Sep 2022 13:15

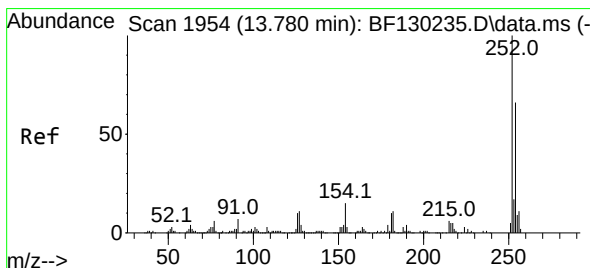
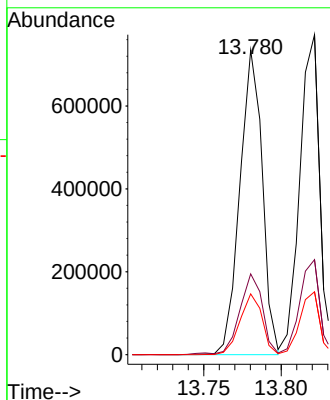
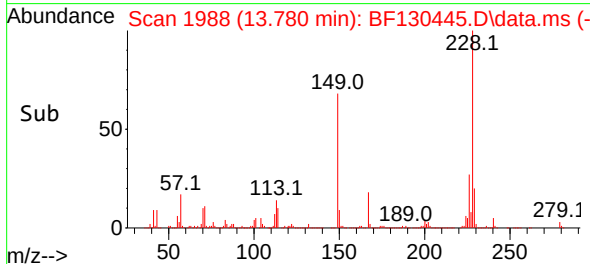
Instrument :
BNA_F
ClientSampleId :
PB147926BS



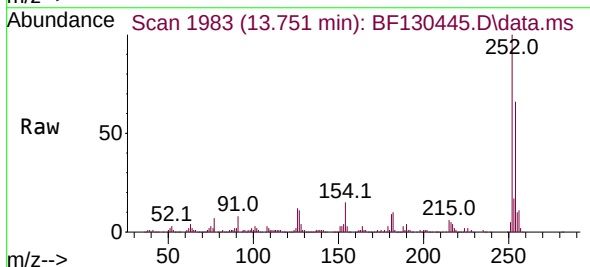
Tgt Ion:228 Resp: 739613
Ion Ratio Lower Upper
228 100
226 26.5 21.9 32.9
229 20.0 16.1 24.1

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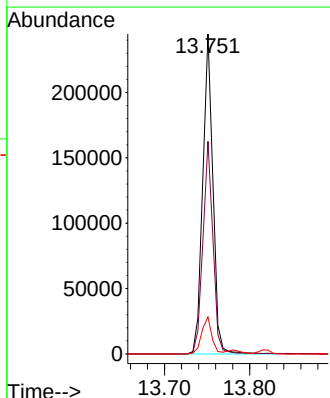
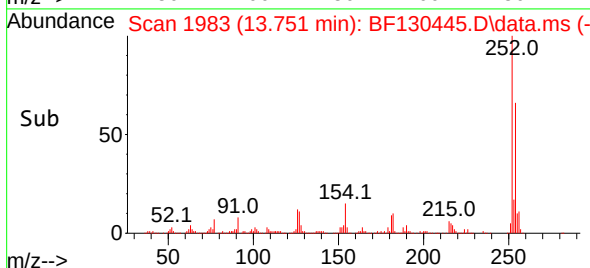
Reviewed By :Christian Giraldo 09/29/2022
Supervised By :Jagrut Upadhyay 09/29/2022

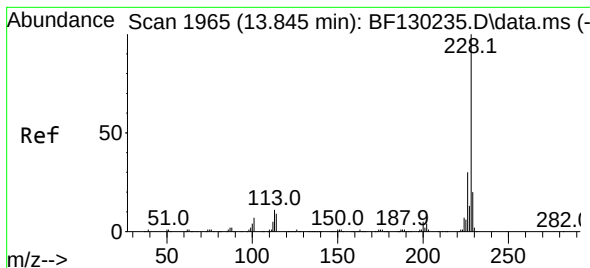


#82
3,3'-Dichlorobenzidine
Concen: 46.070 ng
RT: 13.751 min Scan# 1983
Delta R.T. 0.000 min
Lab File: BF130445.D
Acq: 28 Sep 2022 13:15



Tgt Ion:252 Resp: 203087
Ion Ratio Lower Upper
252 100
254 66.4 51.1 76.7
126 11.5 10.4 15.6





#83

Chrysene

Concen: 44.610 ng

RT: 13.821 min Scan# 1965

Delta R.T. 0.006 min

Lab File: BF130445.D

Acq: 28 Sep 2022 13:15

Instrument :

BNA_F

ClientSampleId :

PB147926BS

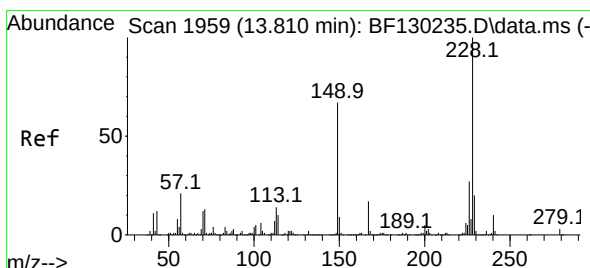
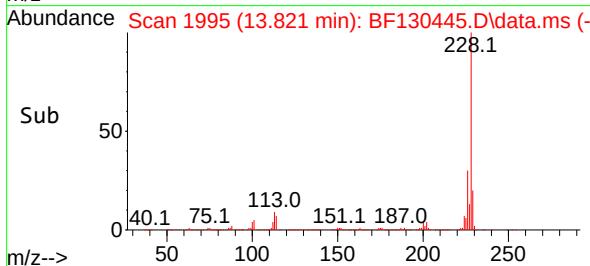
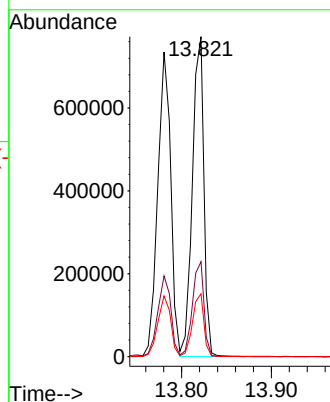
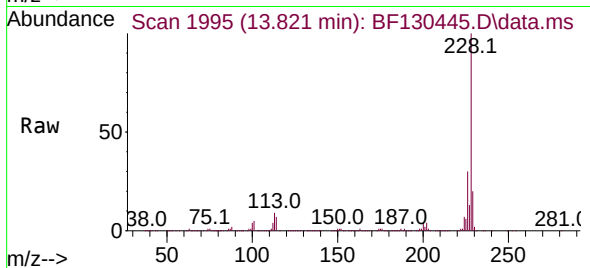
Tgt Ion:228 Resp: 68594

Ion	Ratio	Lower	Upper
228	100		
226	29.7	23.8	35.8
229	19.6	15.3	22.9

Manual Integrations

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Reviewed By :Christian Giraldo 09/29/2022
Supervised By :Jagrut Upadhyay 09/29/2022



#84

Bis(2-ethylhexyl)phthalate

Concen: 46.697 ng

RT: 13.780 min Scan# 1988

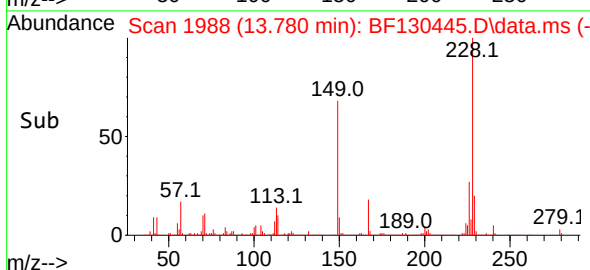
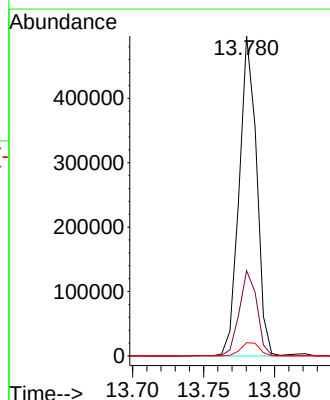
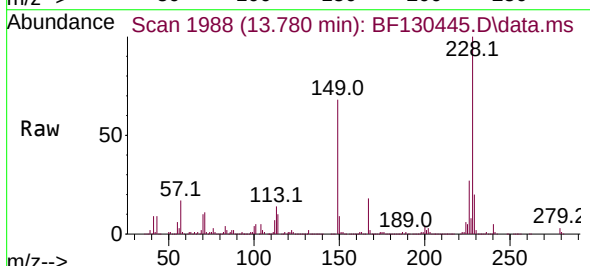
Delta R.T. 0.000 min

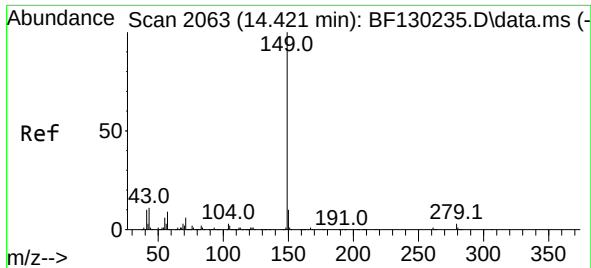
Lab File: BF130445.D

Acq: 28 Sep 2022 13:15

Tgt Ion:149 Resp: 421966

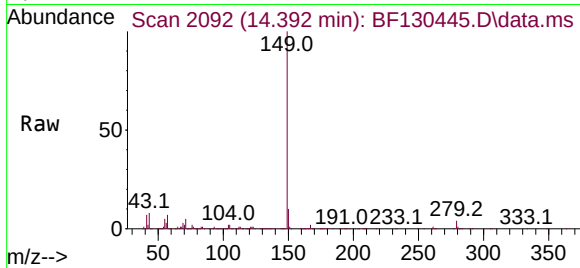
Ion	Ratio	Lower	Upper
149	100		
167	26.6	20.5	30.7
279	4.1	2.9	4.3





#85
Di-n-octyl phthalate
Concen: 41.542 ng
RT: 14.392 min Scan# 2063
Delta R.T. 0.000 min
Lab File: BF130445.D
Acq: 28 Sep 2022 13:15

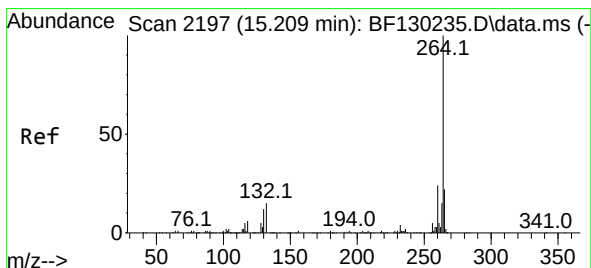
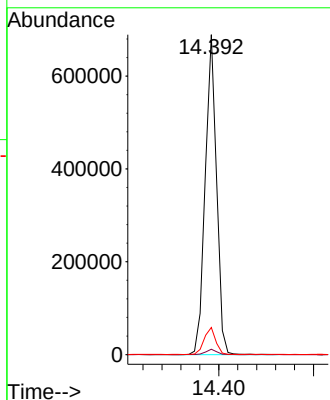
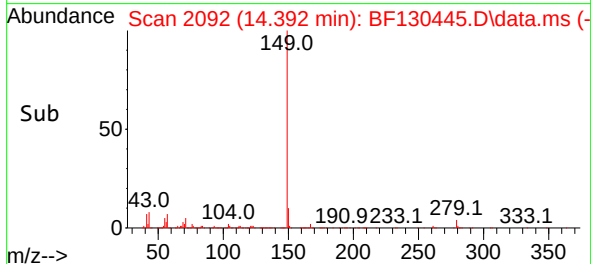
Instrument :
BNA_F
ClientSampleId :
PB147926BS



Tgt Ion:149 Resp: 57415
Ion Ratio Lower Upper
149 100
167 1.7 1.2 1.8
43 8.6 8.7 13.1

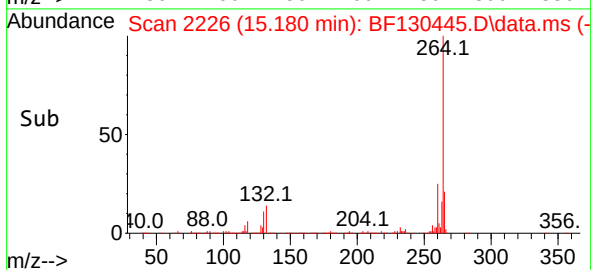
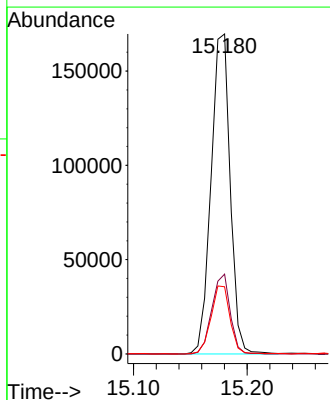
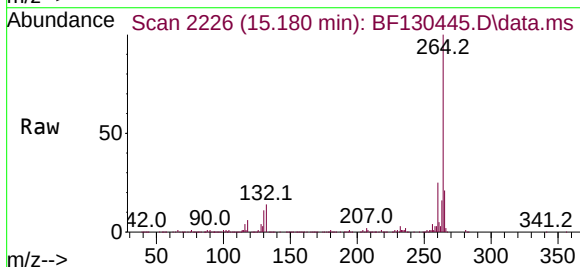
Manual Integrations
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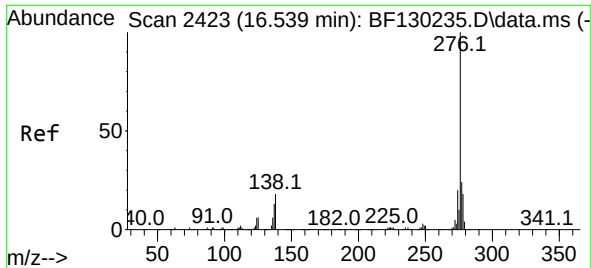
Reviewed By :Christian Giraldo 09/29/2022
Supervised By :Jagrut Upadhyay 09/29/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.180 min Scan# 2226
Delta R.T. 0.006 min
Lab File: BF130445.D
Acq: 28 Sep 2022 13:15

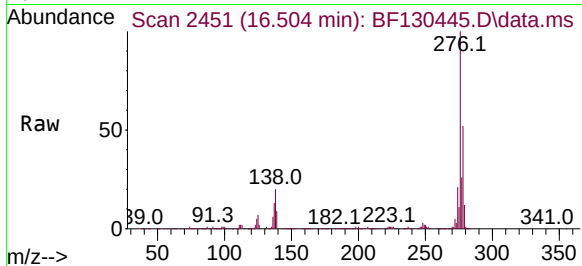
Tgt Ion:264 Resp: 198802
Ion Ratio Lower Upper
264 100
260 24.9 19.3 28.9
265 21.0 17.0 25.4





#87
 Indeno(1,2,3-cd)pyrene
 Concen: 45.801 ng
 RT: 16.504 min Scan# 2423
 Delta R.T. 0.006 min
 Lab File: BF130445.D
 Acq: 28 Sep 2022 13:15

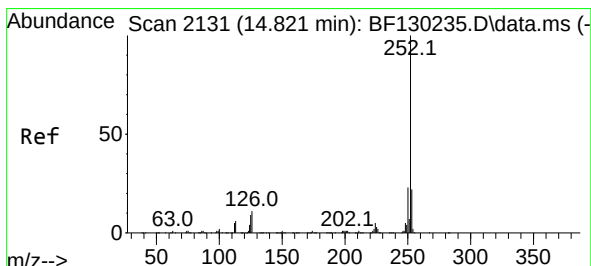
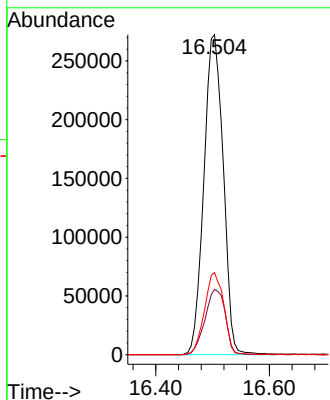
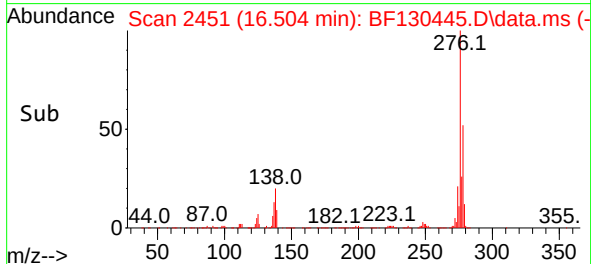
Instrument :
 BNA_F
 ClientSampleId :
 PB147926BS



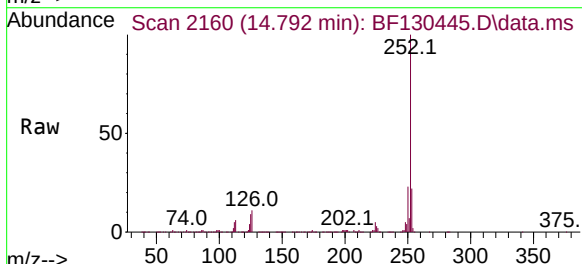
Tgt Ion: 276 Resp: 645695
 Ion Ratio Lower Upper
 276 100
 138 21.3 18.5 27.7
 277 25.7 20.2 30.4

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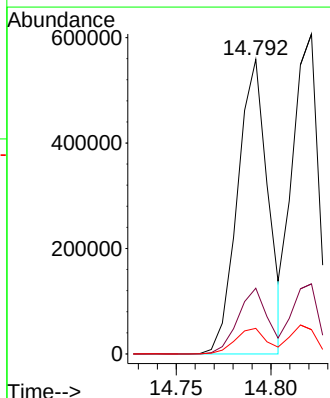
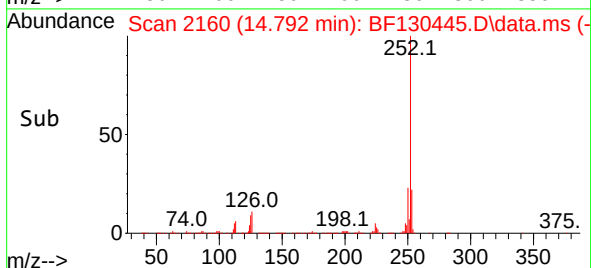
Reviewed By : Christian Giraldo 09/29/2022
 Supervised By : Jagrut Upadhyay 09/29/2022

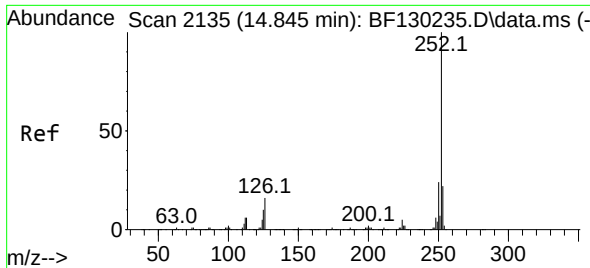


#88
 Benzo(b)fluoranthene
 Concen: 48.081 ng
 RT: 14.792 min Scan# 2160
 Delta R.T. 0.006 min
 Lab File: BF130445.D
 Acq: 28 Sep 2022 13:15



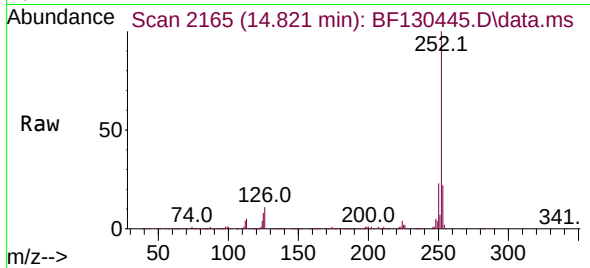
Tgt Ion: 252 Resp: 623885
 Ion Ratio Lower Upper
 252 100
 253 22.3 17.7 26.5
 125 8.6 8.1 12.1





#89
Benzo(k)fluoranthene
Concen: 45.522 ng m
RT: 14.821 min Scan# 2135
Delta R.T. 0.006 min
Lab File: BF130445.D
Acq: 28 Sep 2022 13:15

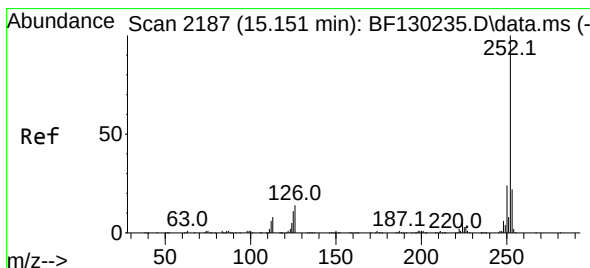
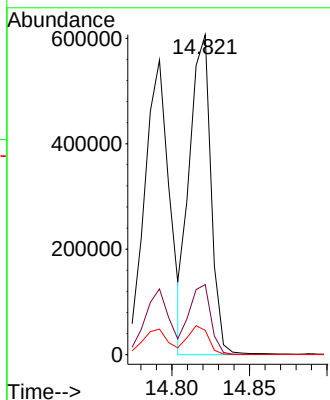
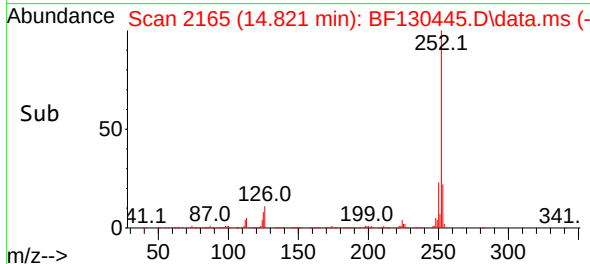
Instrument :
BNA_F
ClientSampleId :
PB147926BS



Tgt Ion:252 Resp: 581051
Ion Ratio Lower Upper
252 100
253 21.9 17.4 26.2
125 7.6 7.9 11.9

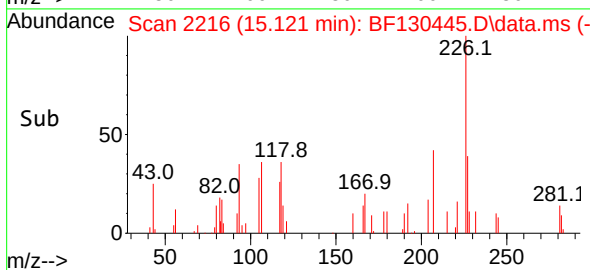
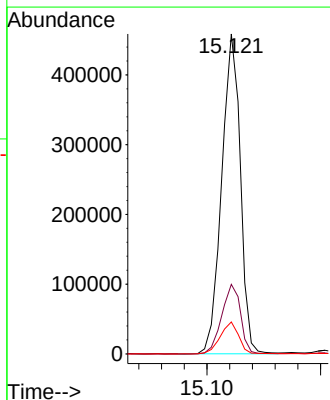
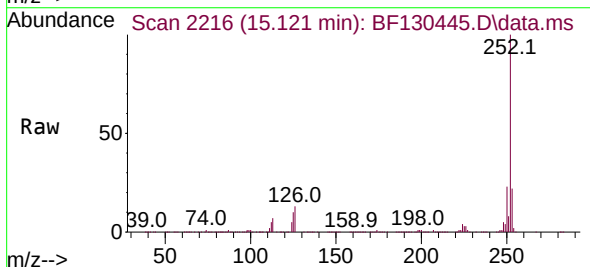
Manual Integrations
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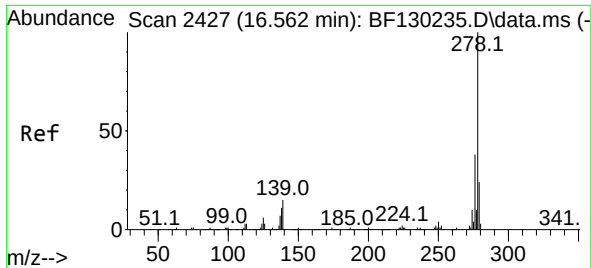
Reviewed By :Christian Giraldo 09/29/2022
Supervised By :Jagrut Upadhyay 09/29/2022



#90
Benzo(a)pyrene
Concen: 50.615 ng
RT: 15.121 min Scan# 2216
Delta R.T. 0.006 min
Lab File: BF130445.D
Acq: 28 Sep 2022 13:15

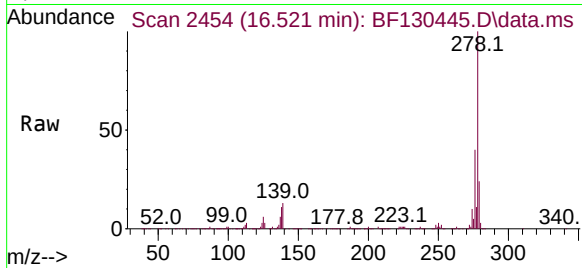
Tgt Ion:252 Resp: 520316
Ion Ratio Lower Upper
252 100
253 21.7 17.8 26.6
125 10.0 9.0 13.6





#91
Dibenzo(a,h)anthracene
Concen: 47.945 ng
RT: 16.521 min Scan# 2427
Delta R.T. 0.012 min
Lab File: BF130445.D
Acq: 28 Sep 2022 13:15

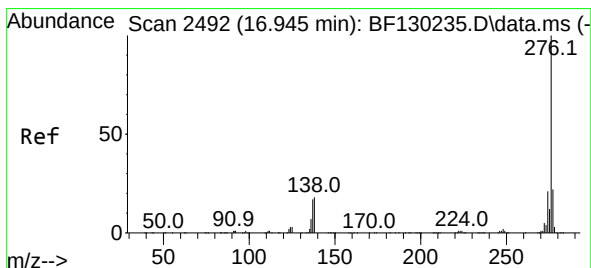
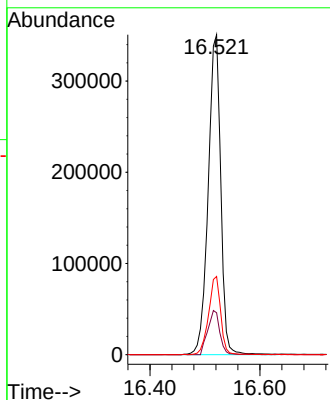
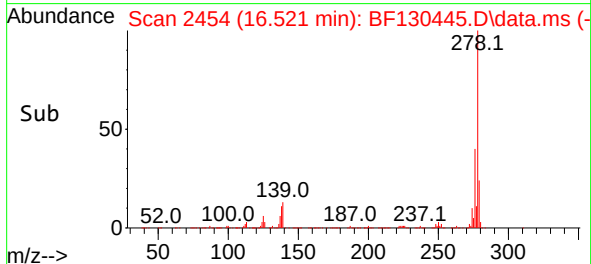
Instrument :
BNA_F
ClientSampleId :
PB147926BS



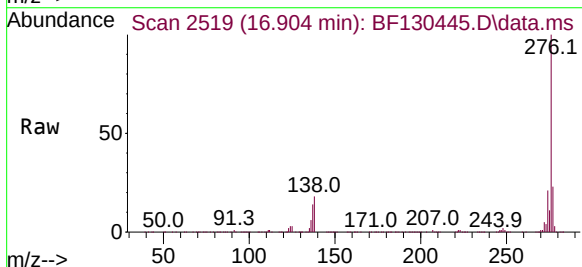
Tgt Ion: 278 Resp: 554499
Ion Ratio Lower Upper
278 100
139 13.1 11.8 17.8
279 24.4 19.4 29.0

Manual Integrations
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Reviewed By : Christian Giraldo 09/29/2022
Supervised By : Jagrut Upadhyay 09/29/2022



#92
Benzo(g,h,i)perylene
Concen: 48.311 ng
RT: 16.904 min Scan# 2519
Delta R.T. 0.012 min
Lab File: BF130445.D
Acq: 28 Sep 2022 13:15



Tgt Ion: 276 Resp: 562836
Ion Ratio Lower Upper
276 100
277 23.0 18.6 27.8
138 17.9 14.6 21.8

