

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091622\
 Data File : BF130294.D
 Acq On : 16 Sep 2022 17:13
 Operator : CG\JU
 Sample : SP6010
 Misc : 8270 SURROGATE
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP6010

Quant Time: Sep 17 03:25:54 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 17 03:22:32 2022
 Response via : Initial Calibration

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

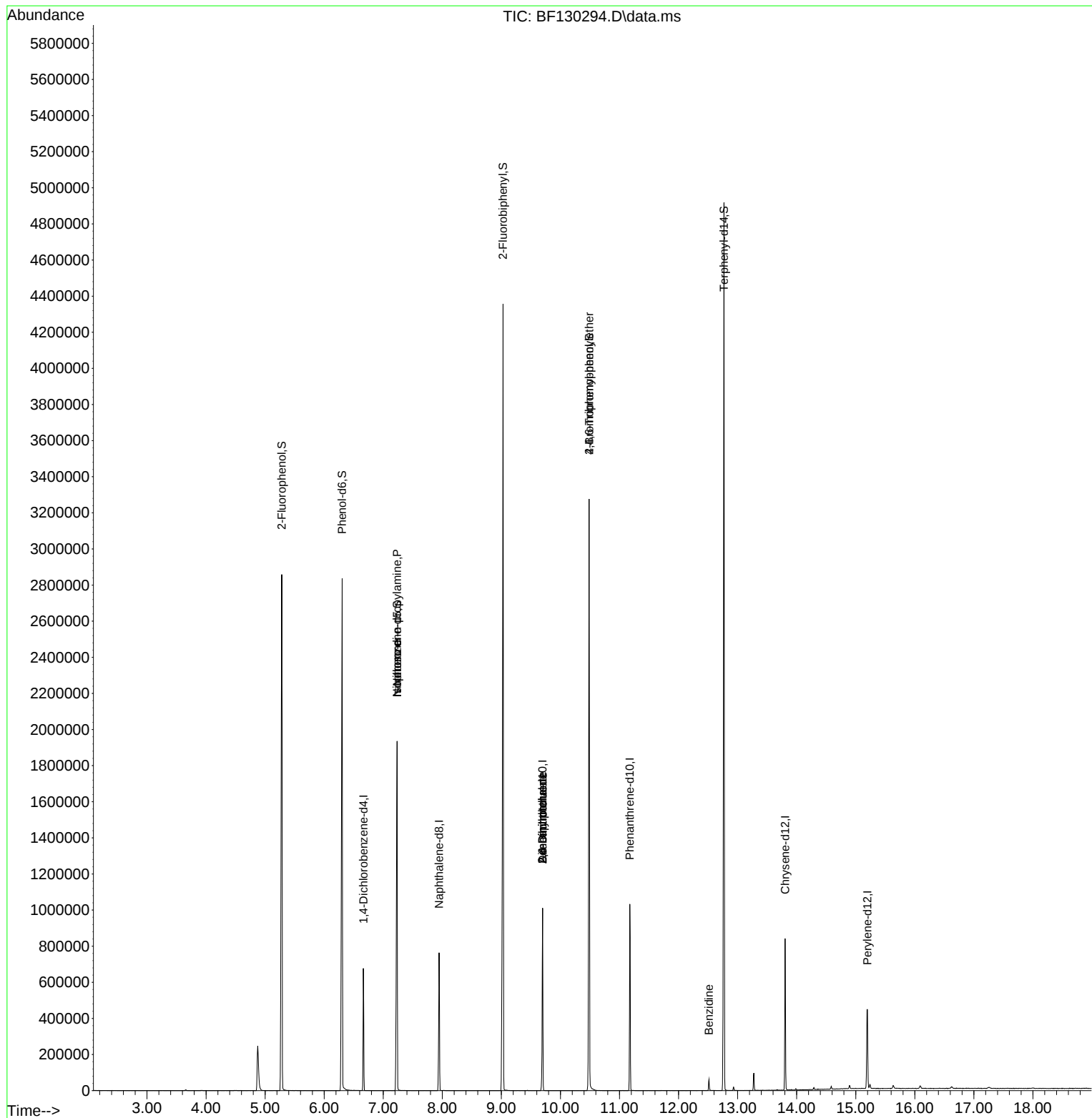
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.663	152	86927	20.000	ng	0.00
21) Naphthalene-d8	7.945	136	363806	20.000	ng	0.00
39) Acenaphthene-d10	9.698	164	197597	20.000	ng	0.00
64) Phenanthrene-d10	11.175	188	357881	20.000	ng	0.00
76) Chrysene-d12	13.804	240	253892	20.000	ng	0.00
86) Perylene-d12	15.198	264	189763	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.281	112	880732	175.733	ng	0.02
7) Phenol-d6	6.304	99	1072038	170.956	ng	0.00
23) Nitrobenzene-d5	7.234	82	697554	97.956	ng	0.00
42) 2,4,6-Tribromophenol	10.486	330	370082	195.463	ng	0.00
45) 2-Fluorobiphenyl	9.028	172	1373468	101.218	ng	0.00
79) Terphenyl-d14	12.769	244	1619979	105.694	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.234	70	95508	22.571	ng	# 73
25) Isophorone	7.234	82	694391	60.500	ng	# 66
50) Dimethylphthalate	9.698	163	36035	2.640	ng	# 1
51) 2,6-Dinitrotoluene	9.698	165	25077	8.785	ng	# 16
57) 2,4-Dinitrotoluene	9.698	165	25077	6.874	ng	# 16
67) 4-Bromophenyl-phenylether	10.486	248	22923	5.806	ng	# 1
77) Benzidine	12.516	184	24147	3.276	ng	99

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

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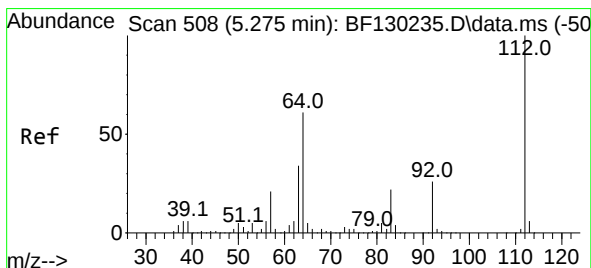
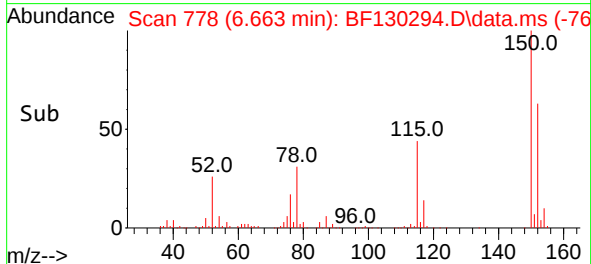
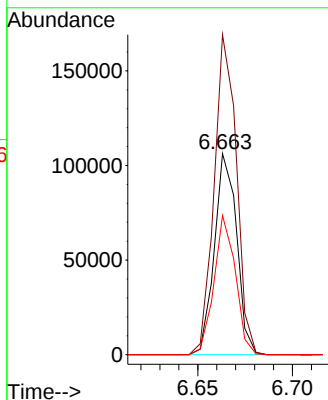
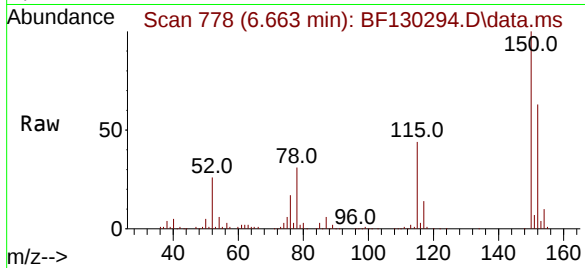




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.663 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF130294.D
Acq: 16 Sep 2022 17:13

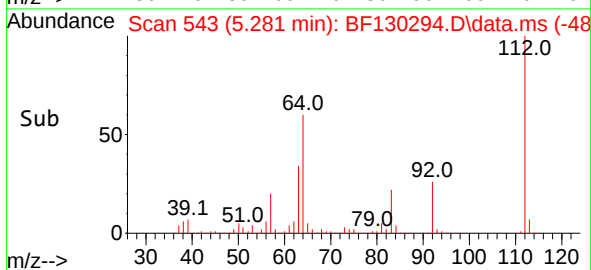
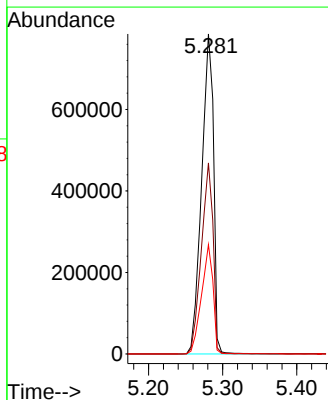
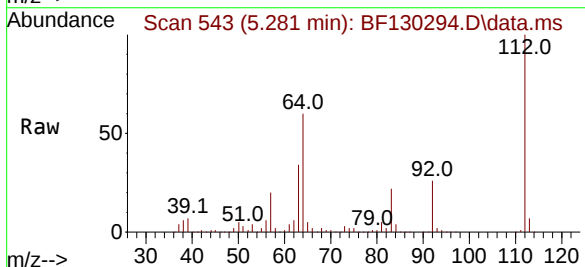
Instrument :
BNA_F
ClientSampleId :
SP6010

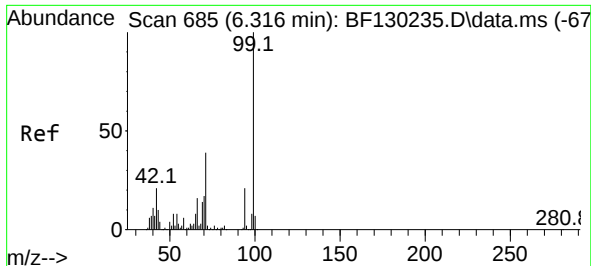
Tgt Ion:152 Resp: 86927
Ion Ratio Lower Upper
152 100
150 159.0 122.8 184.2
115 69.2 53.8 80.8



#5
2-Fluorophenol
Concen: 175.733 ng
RT: 5.281 min Scan# 543
Delta R.T. 0.018 min
Lab File: BF130294.D
Acq: 16 Sep 2022 17:13

Tgt Ion:112 Resp: 880732
Ion Ratio Lower Upper
112 100
64 59.7 51.4 77.0
63 34.1 28.8 43.2

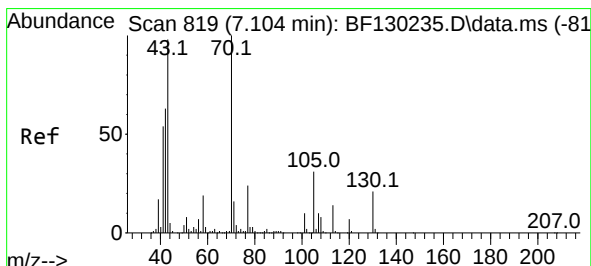
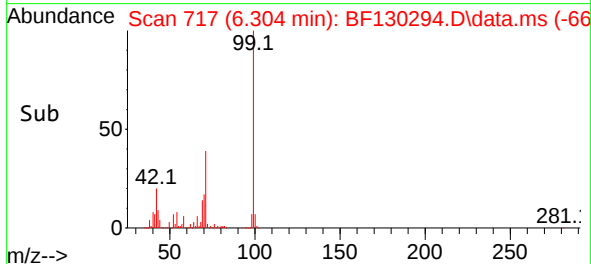
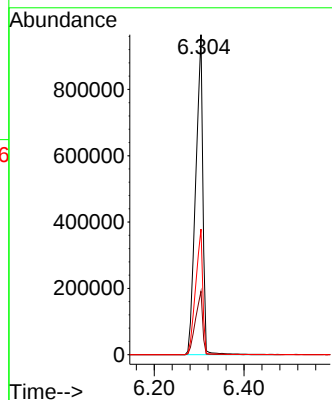
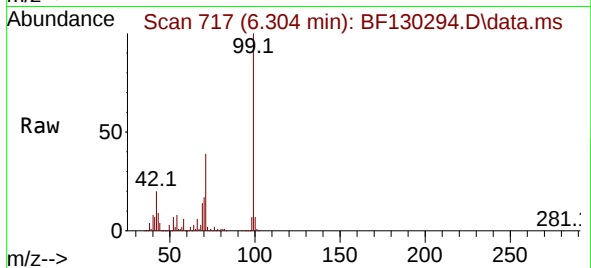




#7
Phenol-d6
Concen: 170.956 ng
RT: 6.304 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF130294.D
Acq: 16 Sep 2022 17:13

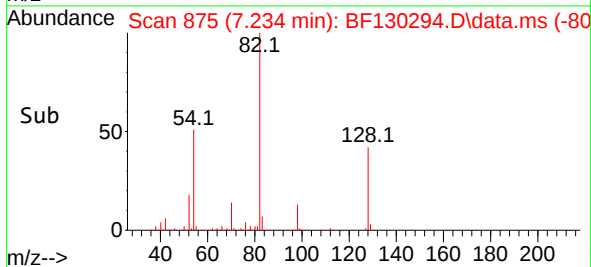
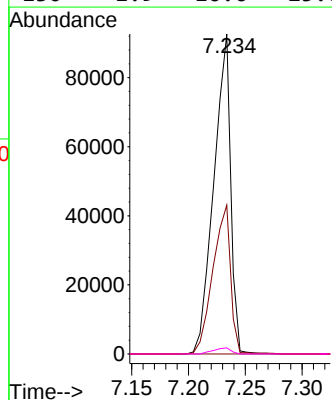
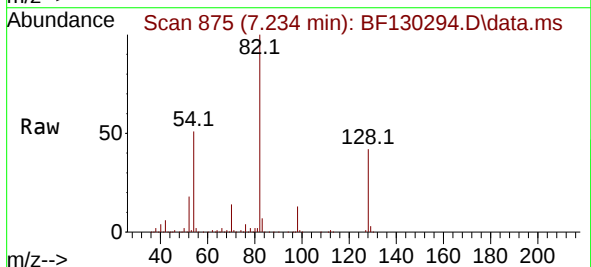
Instrument :
BNA_F
ClientSampleId :
SP6010

Tgt Ion: 99 Resp: 1072038
Ion Ratio Lower Upper
99 100
42 19.8 17.0 25.6
71 39.2 32.3 48.5



#19
n-Nitroso-di-n-propylamine
Concen: 22.571 ng
RT: 7.234 min Scan# 875
Delta R.T. 0.135 min
Lab File: BF130294.D
Acq: 16 Sep 2022 17:13

Tgt Ion: 70 Resp: 95508
Ion Ratio Lower Upper
70 100
42 46.5 50.8 76.2#
101 0.0 8.2 12.4#
130 1.9 16.6 25.0#

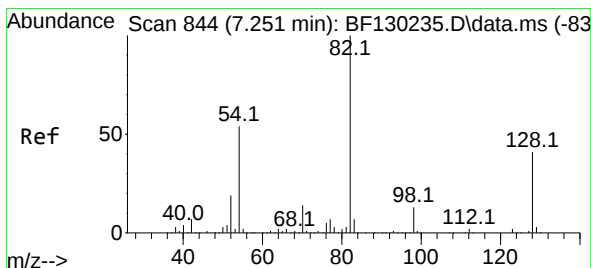
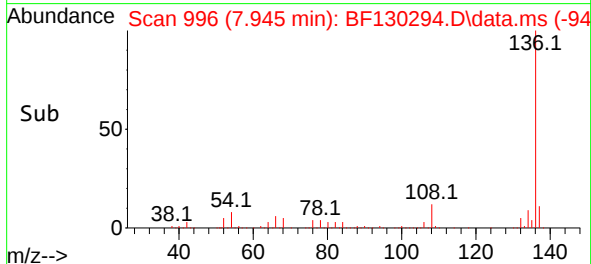
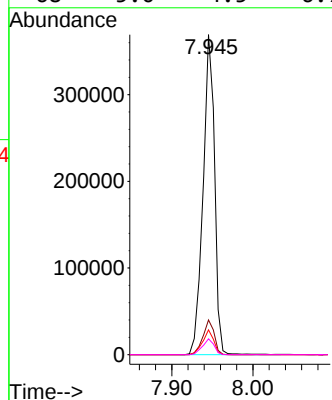
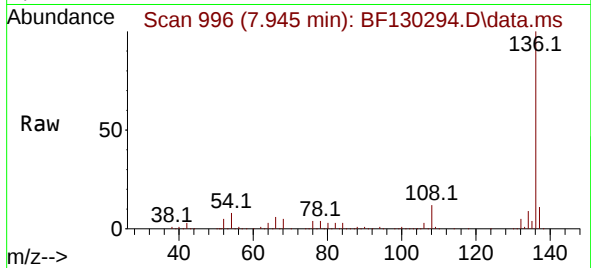




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.945 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF130294.D
Acq: 16 Sep 2022 17:13

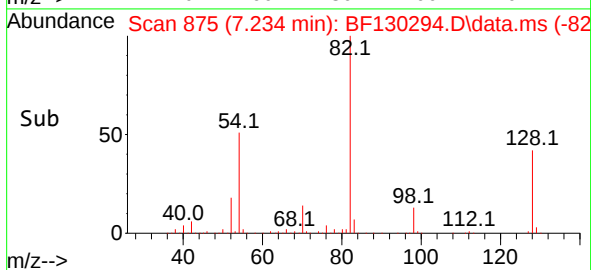
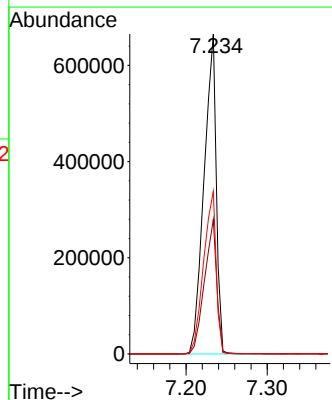
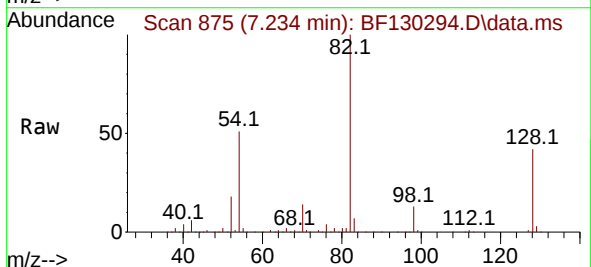
Instrument :
BNA_F
ClientSampleId :
SP6010

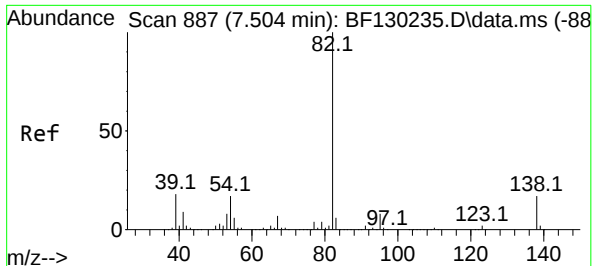
Tgt Ion:136 Resp: 363806
Ion Ratio Lower Upper
136 100
137 10.8 9.1 13.7
54 7.7 7.1 10.7
68 5.0 4.5 6.7



#23
Nitrobenzene-d5
Concen: 97.956 ng
RT: 7.234 min Scan# 875
Delta R.T. -0.006 min
Lab File: BF130294.D
Acq: 16 Sep 2022 17:13

Tgt Ion: 82 Resp: 697554
Ion Ratio Lower Upper
82 100
128 42.0 32.6 49.0
54 50.8 43.8 65.6

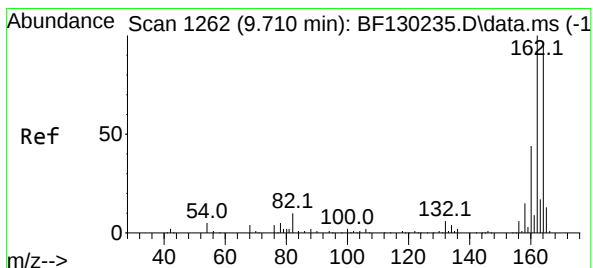
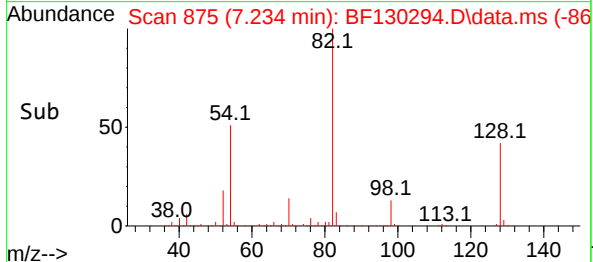
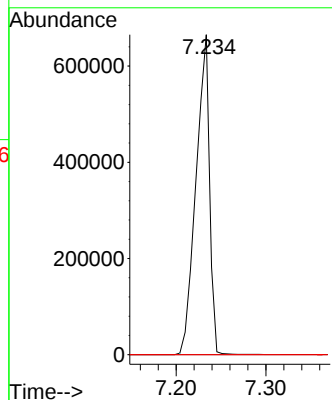
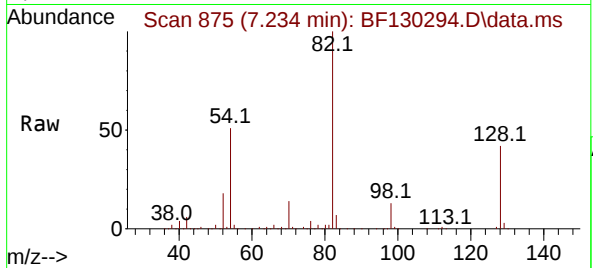




#25
Isophorone
Concen: 60.500 ng
RT: 7.234 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF130294.D
Acq: 16 Sep 2022 17:13

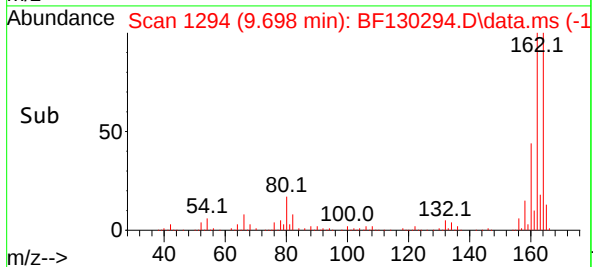
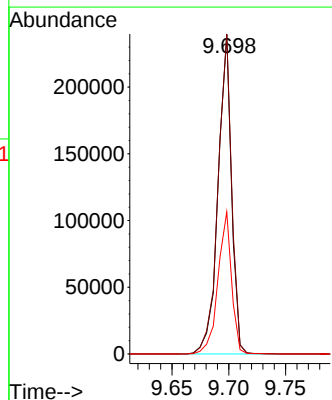
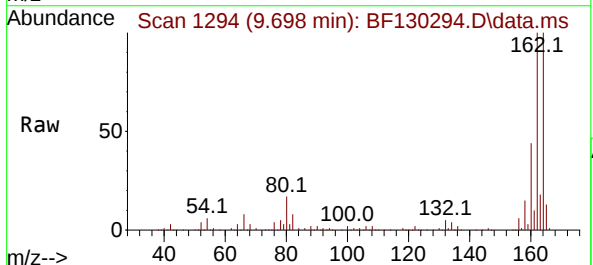
Instrument :
BNA_F
ClientSampleId :
SP6010

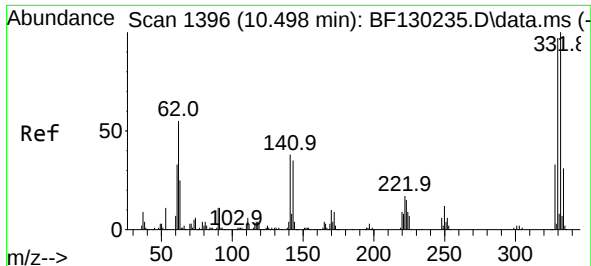
Tgt Ion: 82 Resp: 694391
Ion Ratio Lower Upper
82 100
95 0.0 6.4 9.6#
138 0.0 13.8 20.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.698 min Scan# 1294
Delta R.T. -0.006 min
Lab File: BF130294.D
Acq: 16 Sep 2022 17:13

Tgt Ion:164 Resp: 197597
Ion Ratio Lower Upper
164 100
162 100.2 81.4 122.0
160 44.5 36.2 54.4





#42

2,4,6-Tribromophenol

Concen: 195.463 ng

RT: 10.486 min Scan# 1428

Delta R.T. -0.006 min

Lab File: BF130294.D

Acq: 16 Sep 2022 17:13

Instrument :

BNA_F

ClientSampleId :

SP6010

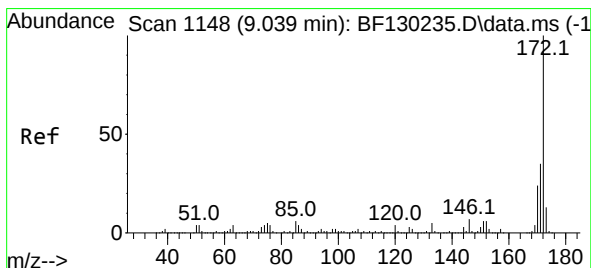
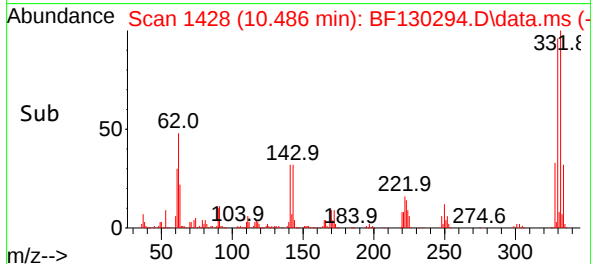
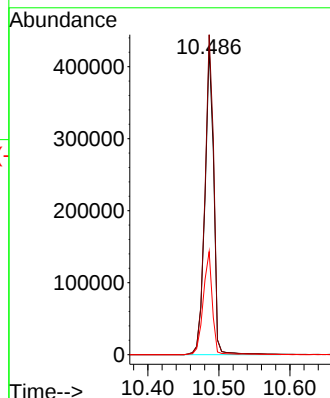
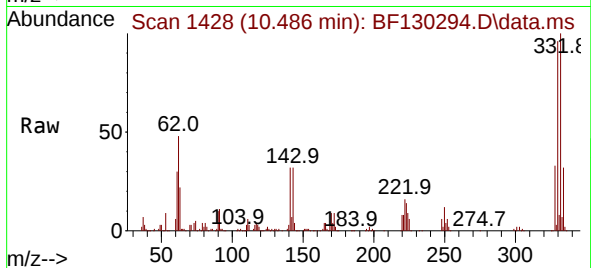
Tgt Ion:330 Resp: 370082

Ion Ratio Lower Upper

330 100

332 104.8 83.4 125.2

141 34.3 34.0 51.0



#45

2-Fluorobiphenyl

Concen: 101.218 ng

RT: 9.028 min Scan# 1180

Delta R.T. -0.006 min

Lab File: BF130294.D

Acq: 16 Sep 2022 17:13

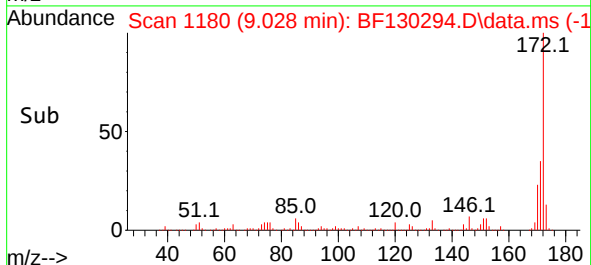
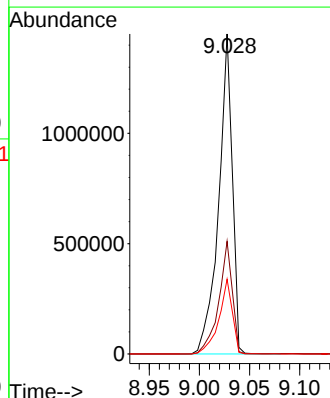
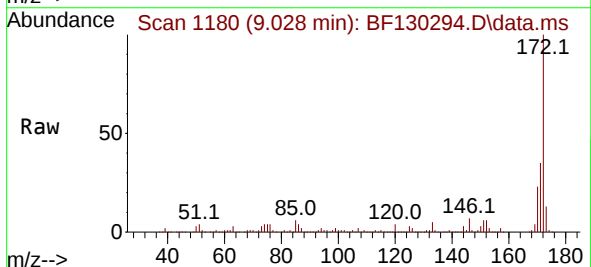
Tgt Ion:172 Resp: 1373468

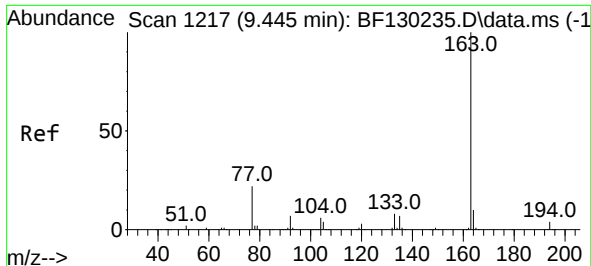
Ion Ratio Lower Upper

172 100

171 35.2 28.3 42.5

170 23.3 18.7 28.1

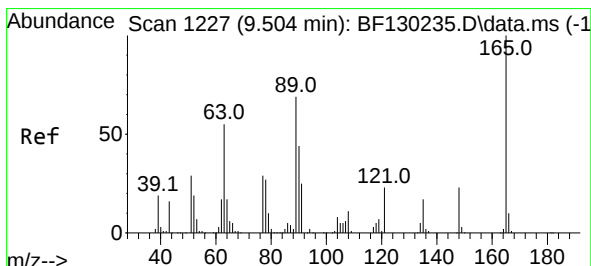
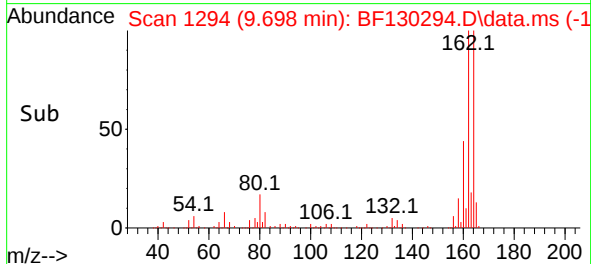
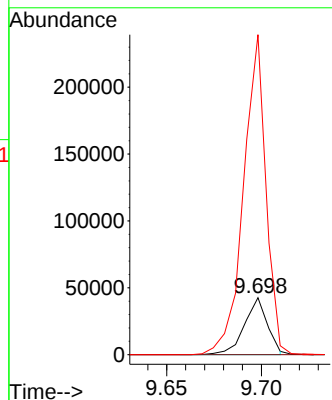
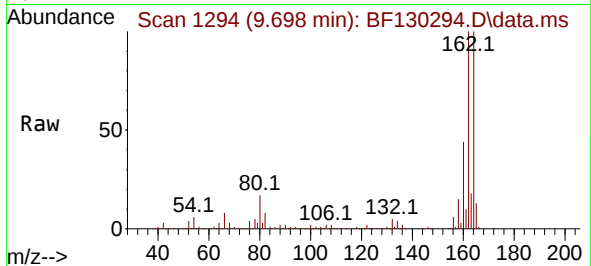




#50
Dimethylphthalate
Concen: 2.640 ng
RT: 9.698 min Scan# 1294
Delta R.T. 0.259 min
Lab File: BF130294.D
Acq: 16 Sep 2022 17:13

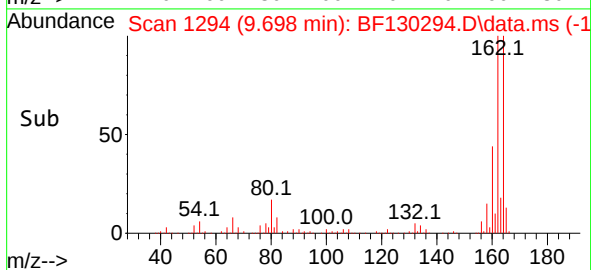
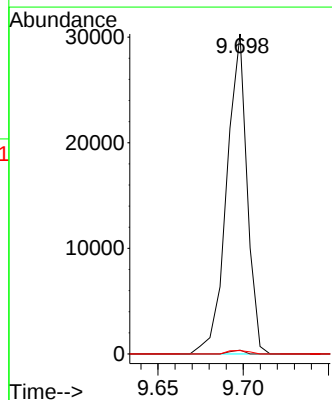
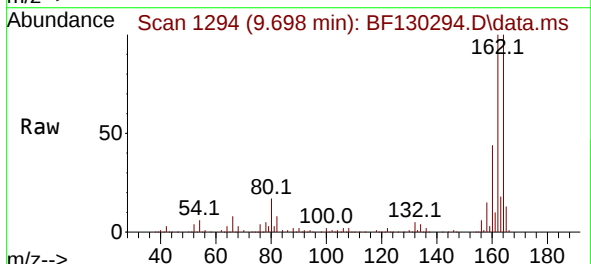
Instrument :
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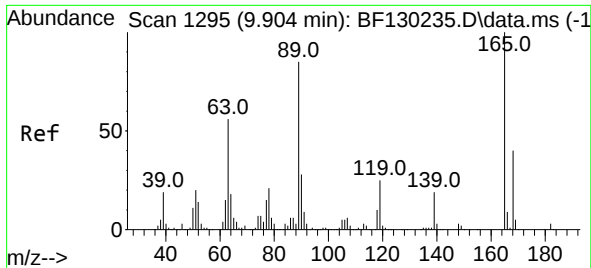
Tgt Ion:163 Resp: 36035
Ion Ratio Lower Upper
163 100
194 0.0 2.8 4.2#
164 562.3 8.2 12.2#



#51
2,6-Dinitrotoluene
Concen: 8.785 ng
RT: 9.698 min Scan# 1294
Delta R.T. 0.200 min
Lab File: BF130294.D
Acq: 16 Sep 2022 17:13

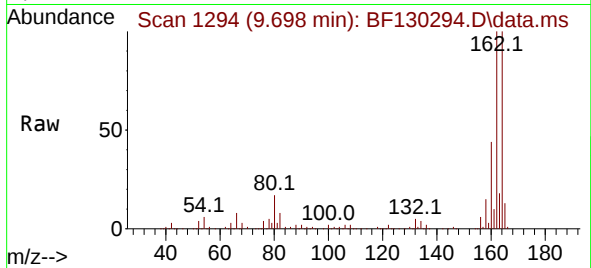
Tgt Ion:165 Resp: 25077
Ion Ratio Lower Upper
165 100
63 1.2 58.8 88.2#
89 1.0 54.5 81.7#



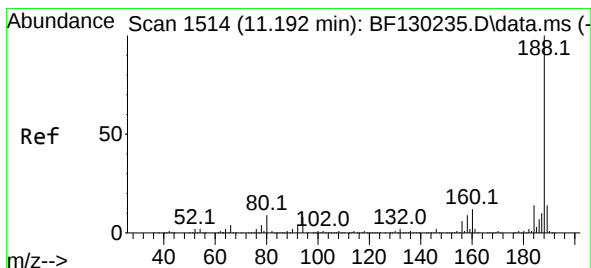
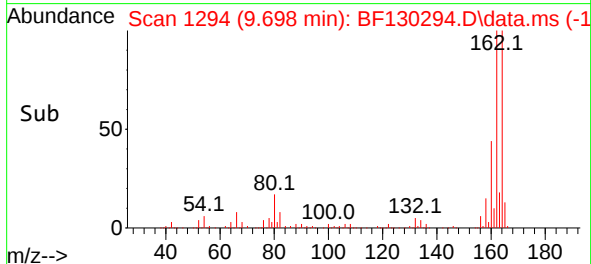
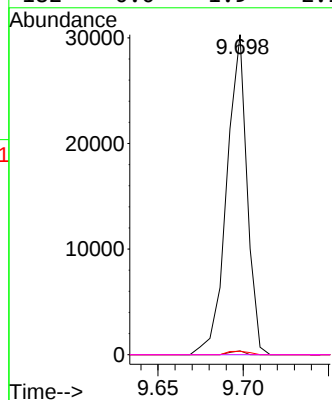


#57
2,4-Dinitrotoluene
Concen: 6.874 ng
RT: 9.698 min Scan# 11
Delta R.T. -0.200 min
Lab File: BF130294.D
Acq: 16 Sep 2022 17:13

Instrument :
BNA_F
ClientSampleId :
SP6010

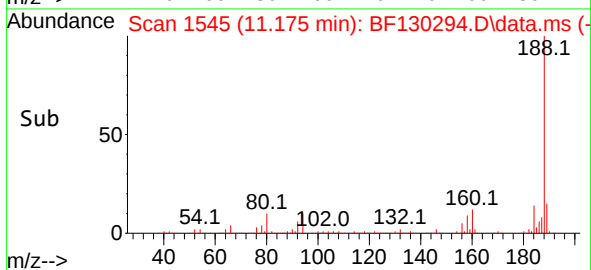
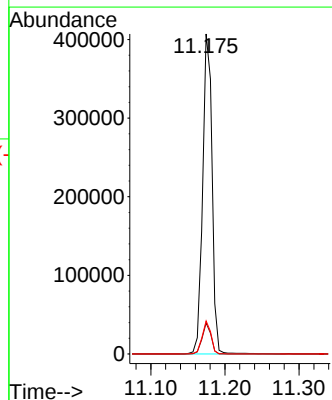
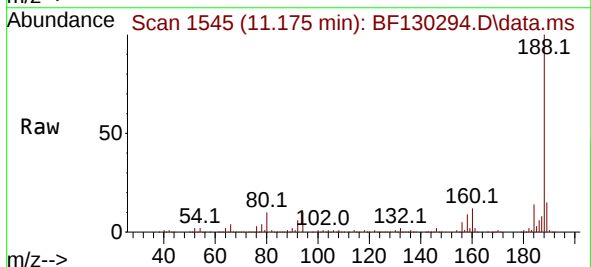


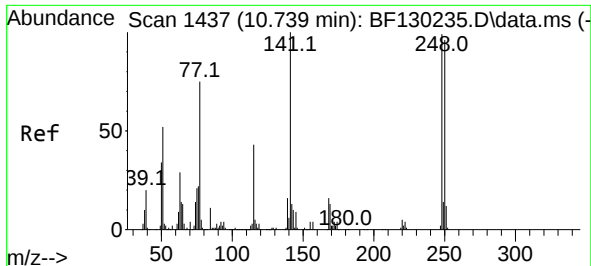
Tgt Ion:165 Resp: 25077
Ion Ratio Lower Upper
165 100
63 1.2 44.7 67.1#
89 1.0 69.0 103.4#
182 0.0 1.9 2.9#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.175 min Scan# 1545
Delta R.T. -0.006 min
Lab File: BF130294.D
Acq: 16 Sep 2022 17:13

Tgt Ion:188 Resp: 357881
Ion Ratio Lower Upper
188 100
94 9.7 7.4 11.2
80 10.3 7.9 11.9

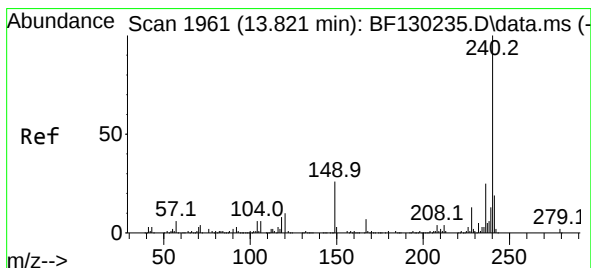
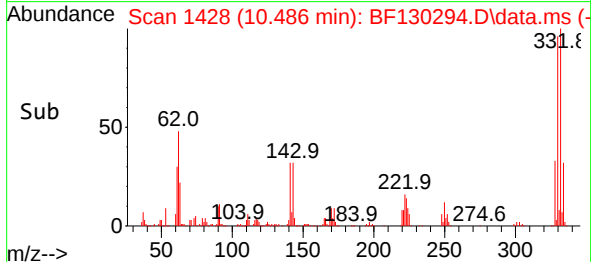
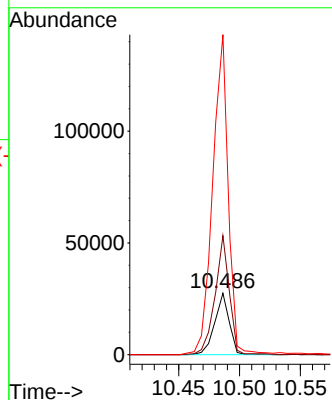
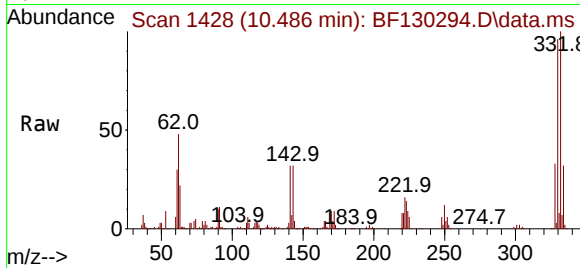




#67
4-Bromophenyl-phenylether
Concen: 5.806 ng
RT: 10.486 min Scan# 1437
Delta R.T. -0.247 min
Lab File: BF130294.D
Acq: 16 Sep 2022 17:13

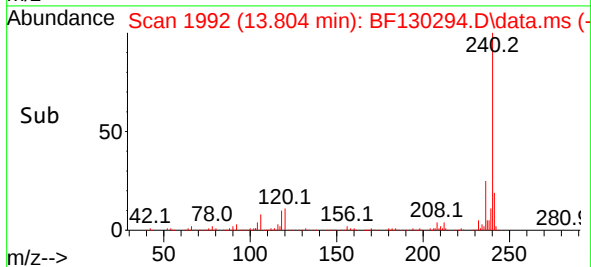
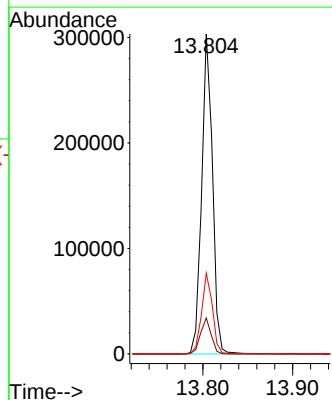
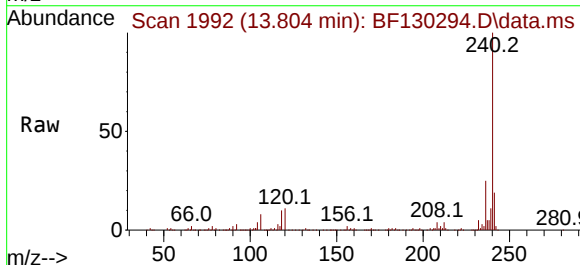
Instrument :
BNA_F
ClientSampleId :
SP6010

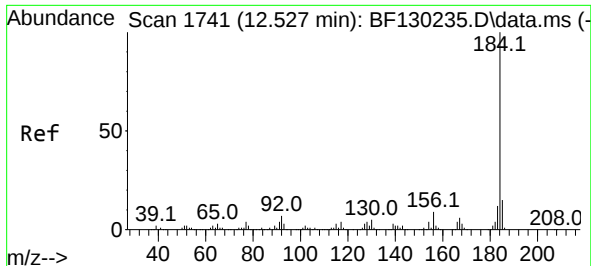
Tgt Ion:248 Resp: 22923
Ion Ratio Lower Upper
248 100
250 193.6 80.0 120.0#
141 520.5 68.5 102.7#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.804 min Scan# 1992
Delta R.T. -0.006 min
Lab File: BF130294.D
Acq: 16 Sep 2022 17:13

Tgt Ion:240 Resp: 253892
Ion Ratio Lower Upper
240 100
120 11.3 8.7 13.1
236 25.2 20.9 31.3

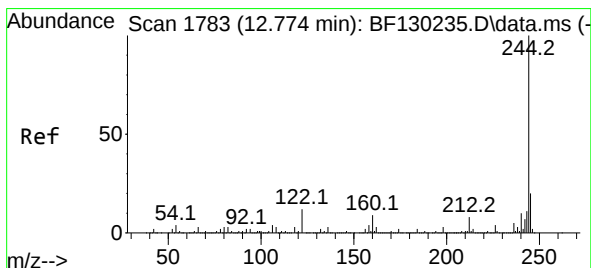
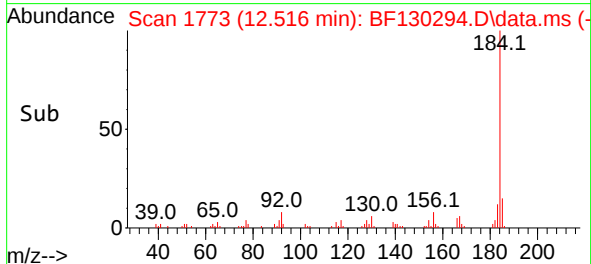
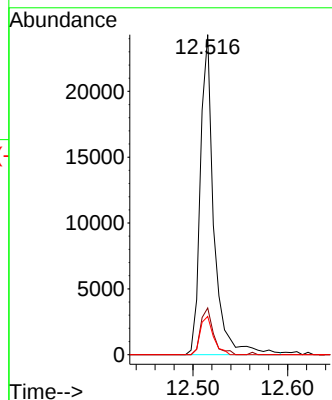
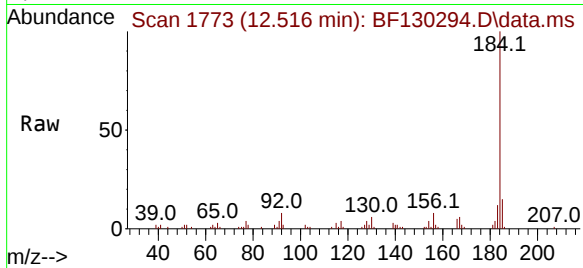




#77
Benzidine
Concen: 3.276 ng
RT: 12.516 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF130294.D
Acq: 16 Sep 2022 17:13

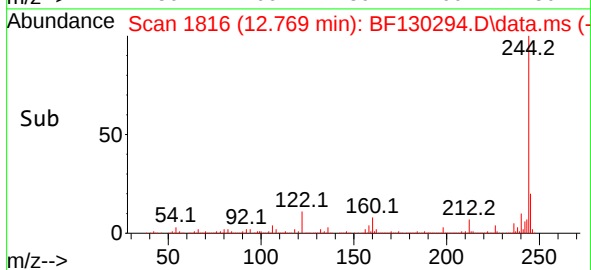
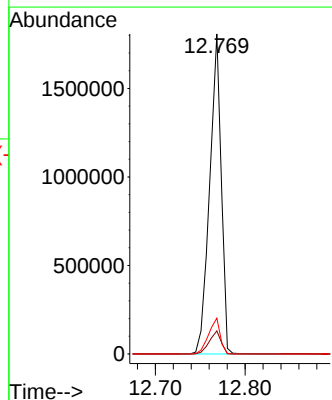
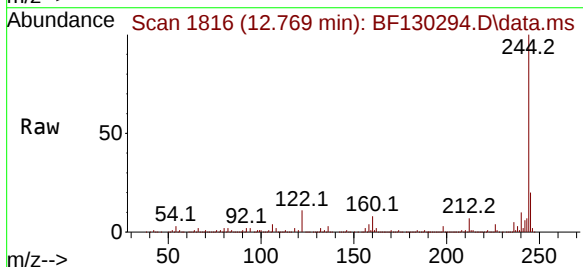
Instrument :
BNA_F
ClientSampleId :
SP6010

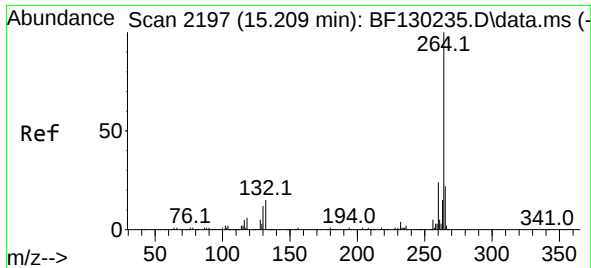
Tgt Ion:184 Resp: 24147
Ion Ratio Lower Upper
184 100
185 14.6 11.8 17.6
183 12.0 9.1 13.7



#79
Terphenyl-d14
Concen: 105.694 ng
RT: 12.769 min Scan# 1816
Delta R.T. 0.000 min
Lab File: BF130294.D
Acq: 16 Sep 2022 17:13

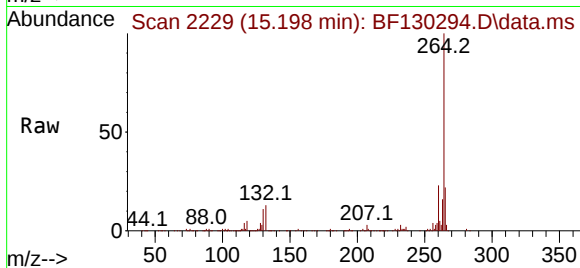
Tgt Ion:244 Resp: 1619979
Ion Ratio Lower Upper
244 100
212 7.2 5.9 8.9
122 11.2 8.5 12.7





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.198 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BF130294.D
 Acq: 16 Sep 2022 17:13

Instrument :
 BNA_F
 ClientSampleId :
 SP6010



Tgt Ion:264 Resp: 189763
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.3 28.9
 265 21.7 17.0 25.4

