

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092022\
 Data File : BF130343.D
 Acq On : 20 Sep 2022 14:25
 Operator : CG\JU
 Sample : PB147759BL
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB147759BL

Quant Time: Sep 21 05:13:24 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 19 15:06:14 2022
 Response via : Initial Calibration

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

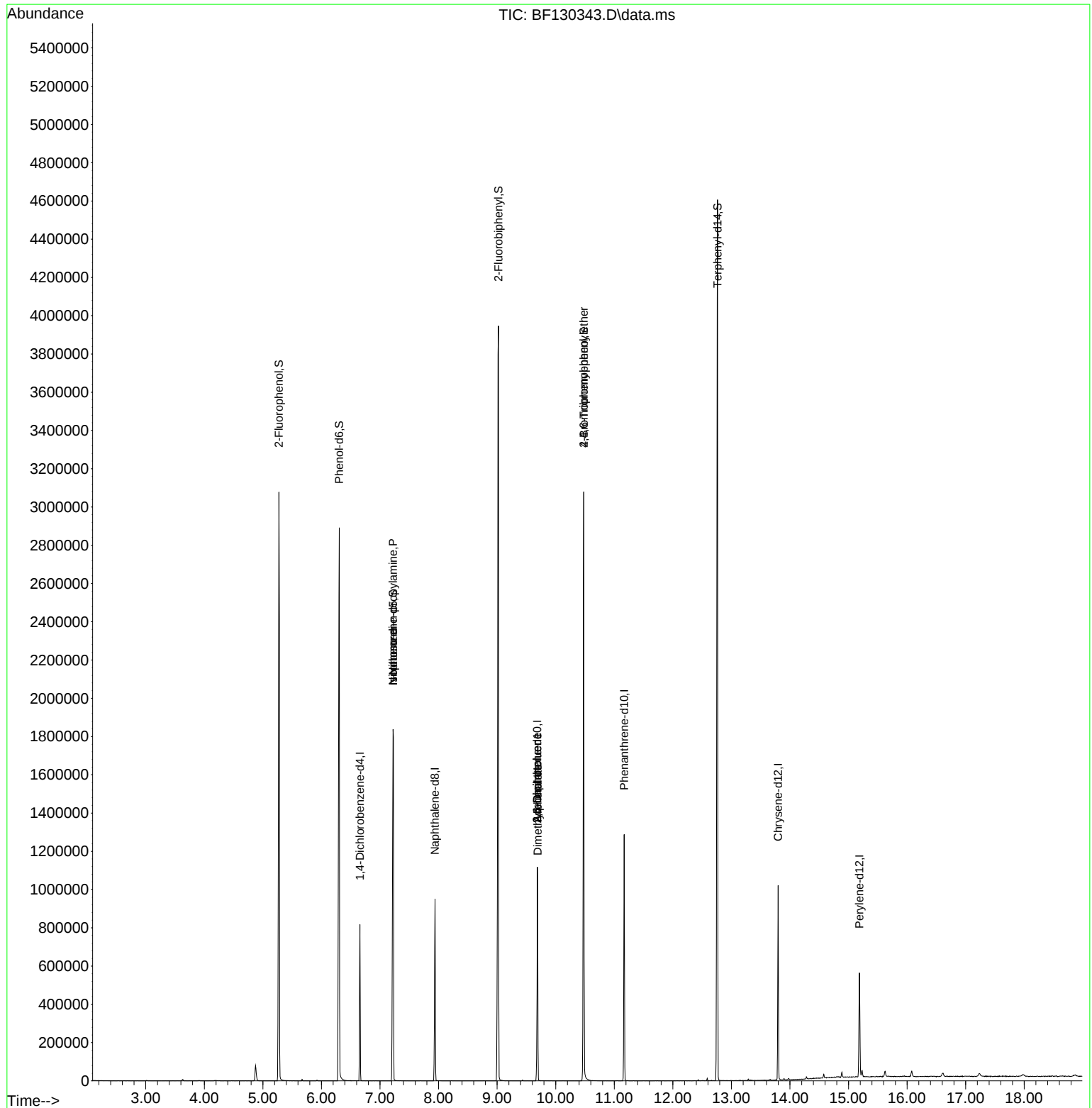
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.657	152	107520	20.000	ng	0.00
21) Naphthalene-d8	7.939	136	438216	20.000	ng	# 0.00
39) Acenaphthene-d10	9.686	164	235956	20.000	ng	0.00
64) Phenanthrene-d10	11.169	188	418306	20.000	ng	0.00
76) Chrysene-d12	13.798	240	295059	20.000	ng	0.00
86) Perylene-d12	15.186	264	223991	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.275	112	922738	148.852	ng	0.02
7) Phenol-d6	6.304	99	1127410	145.352	ng	0.00
23) Nitrobenzene-d5	7.222	82	728186	84.894	ng	-0.01
42) 2,4,6-Tribromophenol	10.480	330	374470	165.628	ng	0.00
45) 2-Fluorobiphenyl	9.022	172	1396533	86.186	ng	0.00
79) Terphenyl-d14	12.763	244	1648558	92.552	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.222	70	98876	18.892	ng	# 75
25) Isophorone	7.222	82	723225	52.313	ng	# 66
50) Dimethylphthalate	9.692	163	44838	2.751	ng	# 1
51) 2,6-Dinitrotoluene	9.686	165	29968	8.792	ng	# 16
57) 2,4-Dinitrotoluene	9.686	165	29968	6.879	ng	# 16
67) 4-Bromophenyl-phenylether	10.480	248	23018	4.988	ng	# 1

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

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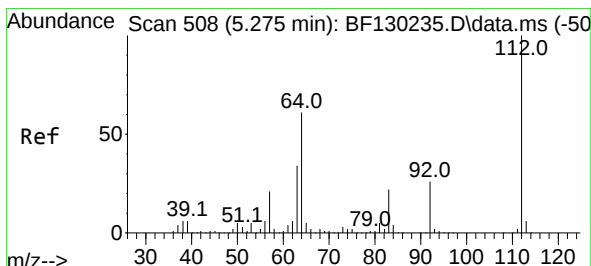
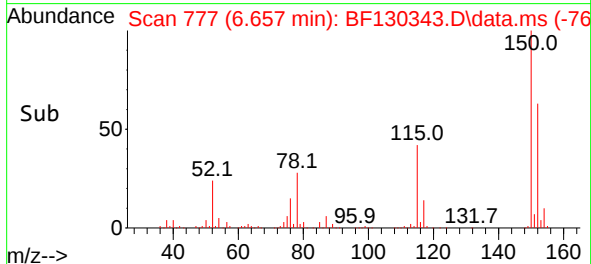
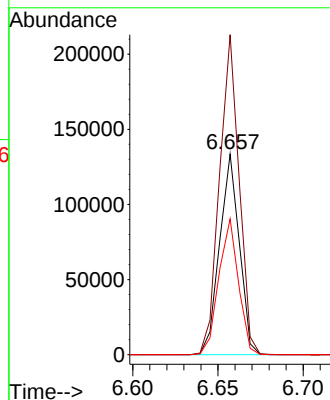
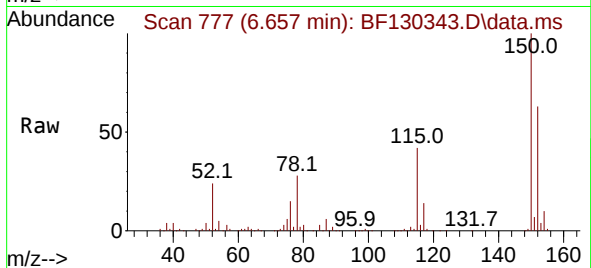




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.657 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF130343.D
Acq: 20 Sep 2022 14:25

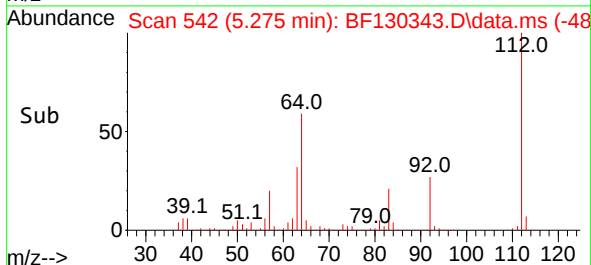
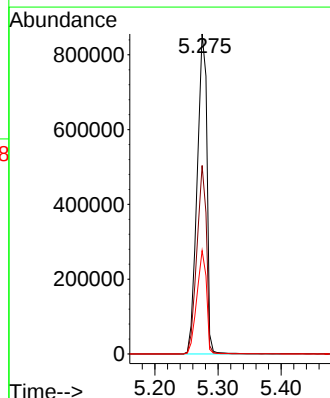
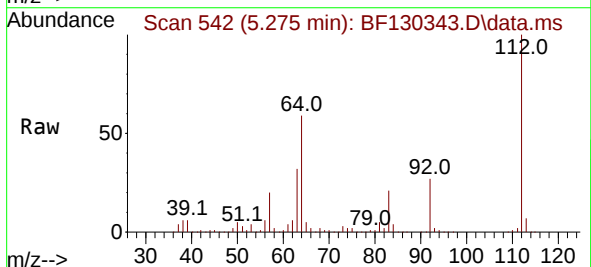
Instrument :
BNA_F
ClientSampleId :
PB147759BL

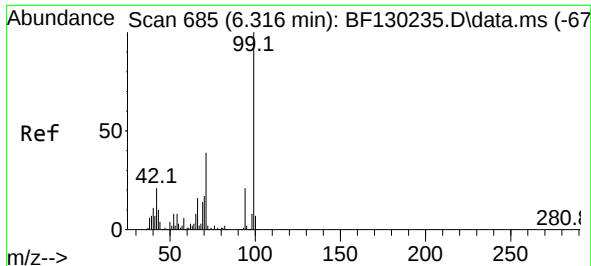
Tgt Ion:152 Resp: 107520
Ion Ratio Lower Upper
152 100
150 159.5 122.8 184.2
115 67.7 53.8 80.8



#5
2-Fluorophenol
Concen: 148.852 ng
RT: 5.275 min Scan# 542
Delta R.T. 0.018 min
Lab File: BF130343.D
Acq: 20 Sep 2022 14:25

Tgt Ion:112 Resp: 922738
Ion Ratio Lower Upper
112 100
64 58.9 51.4 77.0
63 32.3 28.8 43.2

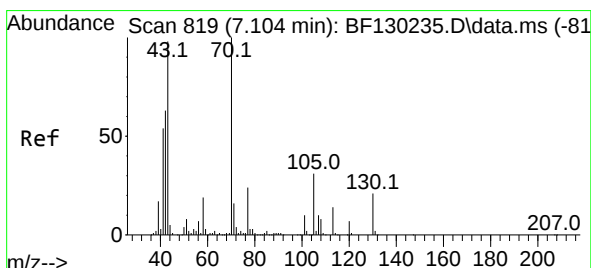
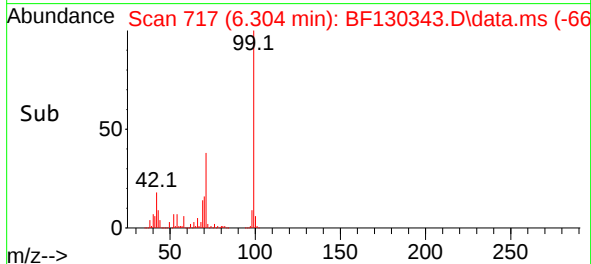
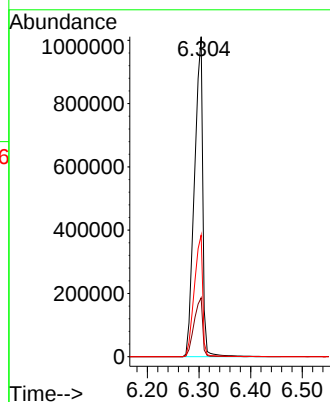
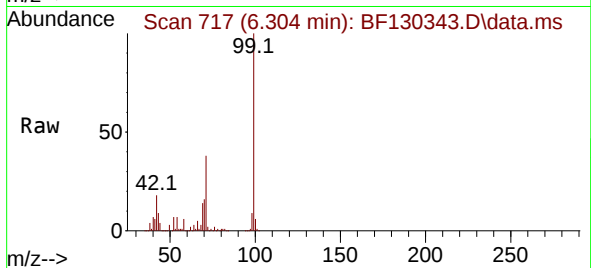




#7
Phenol-d6
Concen: 145.352 ng
RT: 6.304 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF130343.D
Acq: 20 Sep 2022 14:25

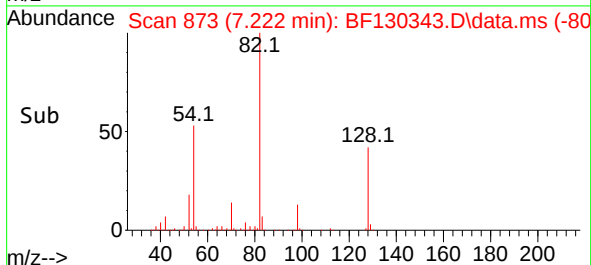
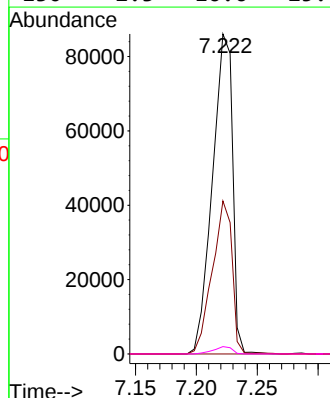
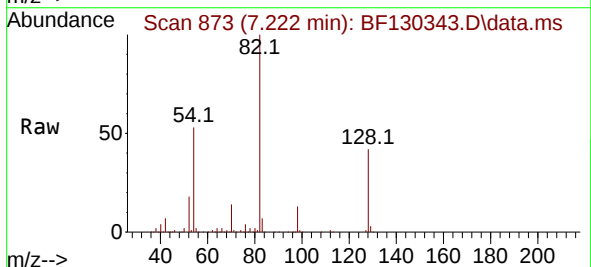
Instrument :
BNA_F
ClientSampleId :
PB147759BL

Tgt Ion: 99 Resp: 1127410
Ion Ratio Lower Upper
99 100
42 18.4 17.0 25.6
71 38.0 32.3 48.5



#19
n-Nitroso-di-n-propylamine
Concen: 18.892 ng
RT: 7.222 min Scan# 873
Delta R.T. 0.129 min
Lab File: BF130343.D
Acq: 20 Sep 2022 14:25

Tgt Ion: 70 Resp: 98876
Ion Ratio Lower Upper
70 100
42 47.8 50.8 76.2#
101 0.0 8.2 12.4#
130 2.3 16.6 25.0#

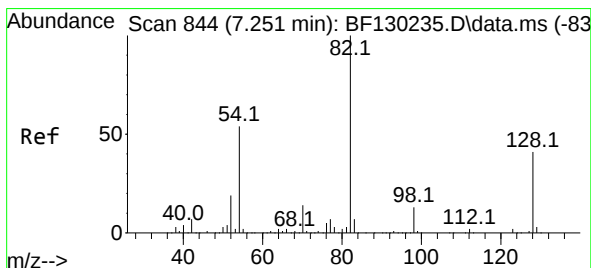
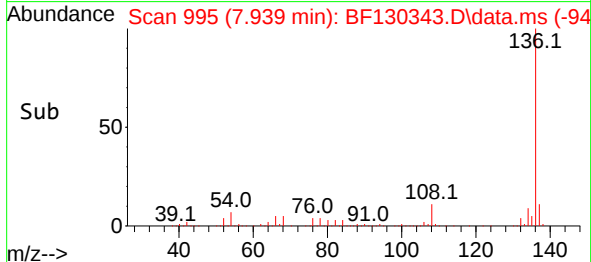
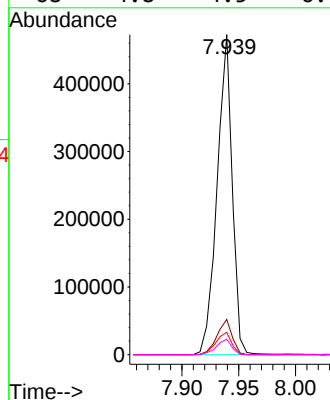
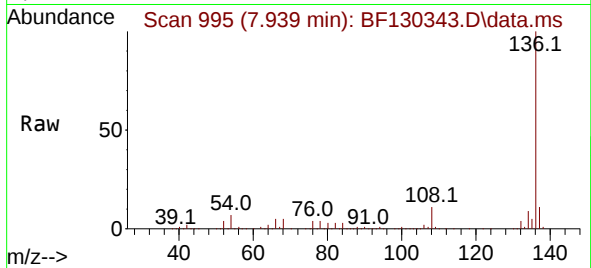




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.939 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF130343.D
Acq: 20 Sep 2022 14:25

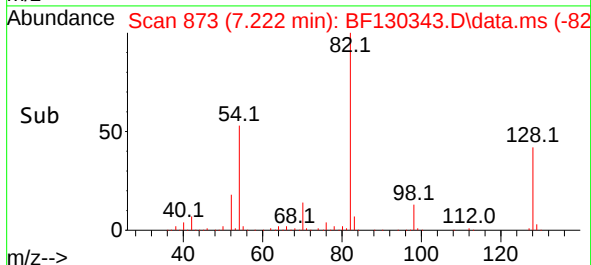
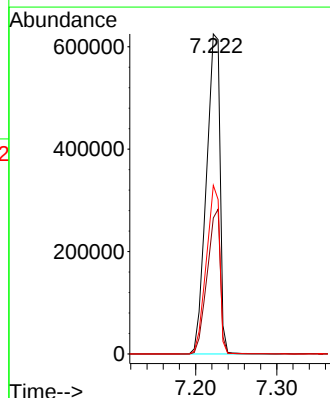
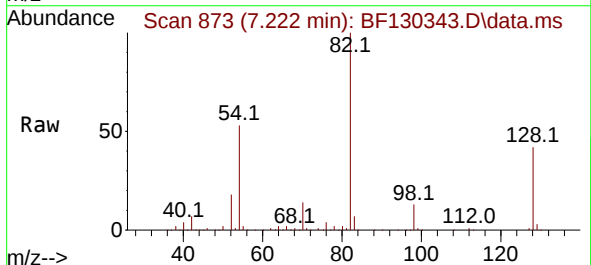
Instrument :
BNA_F
ClientSampleId :
PB147759BL

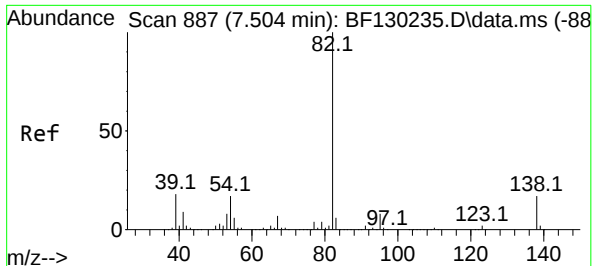
Tgt Ion:136 Resp: 438216
Ion Ratio Lower Upper
136 100
137 11.0 9.1 13.7
54 7.0 7.1 10.7#
68 4.8 4.5 6.7



#23
Nitrobenzene-d5
Concen: 84.894 ng
RT: 7.222 min Scan# 873
Delta R.T. -0.012 min
Lab File: BF130343.D
Acq: 20 Sep 2022 14:25

Tgt Ion: 82 Resp: 728186
Ion Ratio Lower Upper
82 100
128 42.5 32.6 49.0
54 52.7 43.8 65.6

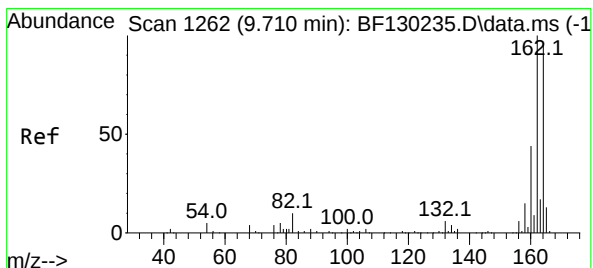
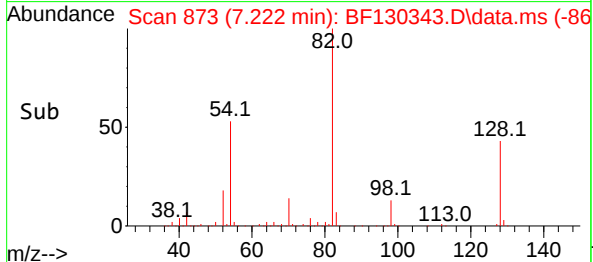
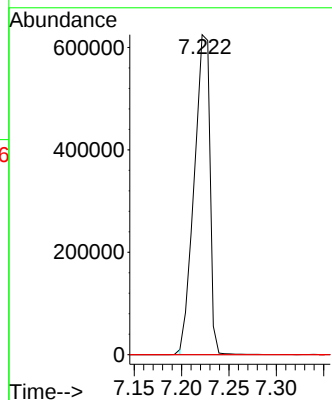
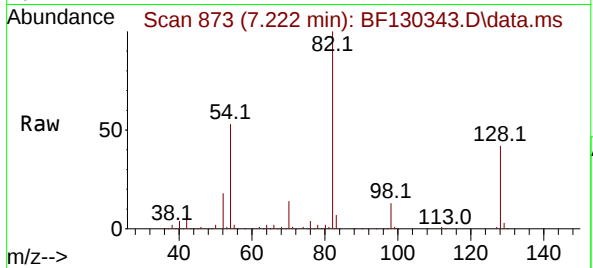




#25
Isophorone
Concen: 52.313 ng
RT: 7.222 min Scan# 81
Delta R.T. -0.271 min
Lab File: BF130343.D
Acq: 20 Sep 2022 14:25

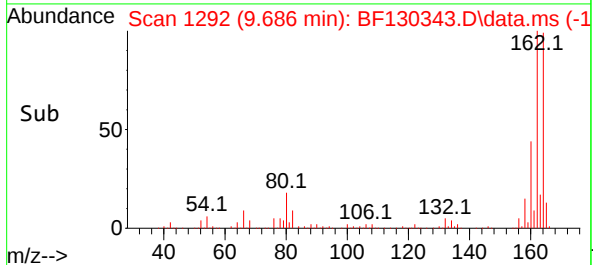
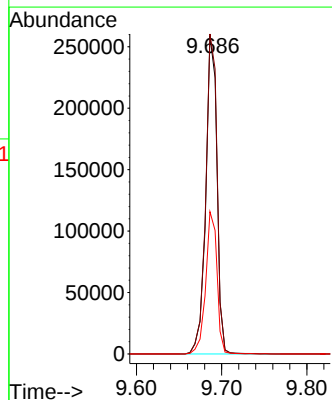
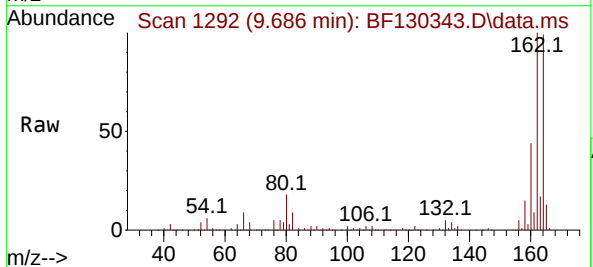
Instrument :
BNA_F
ClientSampleId :
PB147759BL

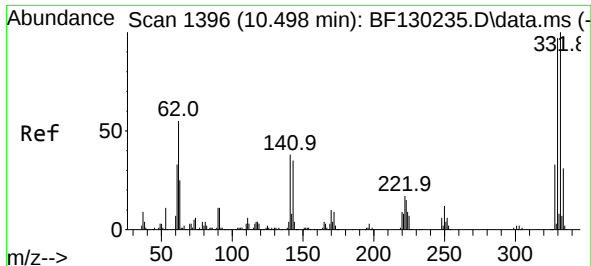
Tgt Ion: 82 Resp: 723225
Ion Ratio Lower Upper
82 100
95 0.0 6.4 9.6#
138 0.0 13.8 20.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.686 min Scan# 1292
Delta R.T. -0.006 min
Lab File: BF130343.D
Acq: 20 Sep 2022 14:25

Tgt Ion: 164 Resp: 235956
Ion Ratio Lower Upper
164 100
162 100.5 81.4 122.0
160 44.7 36.2 54.4





#42

2,4,6-Tribromophenol

Concen: 165.628 ng

RT: 10.480 min Scan# 1427

Delta R.T. -0.000 min

Lab File: BF130343.D

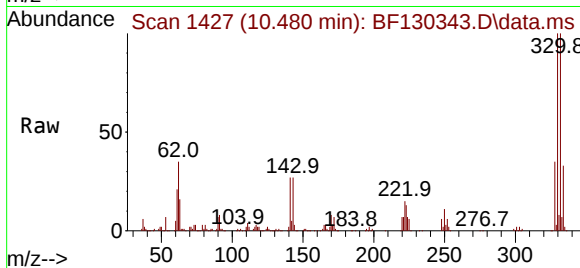
Acq: 20 Sep 2022 14:25

Instrument :

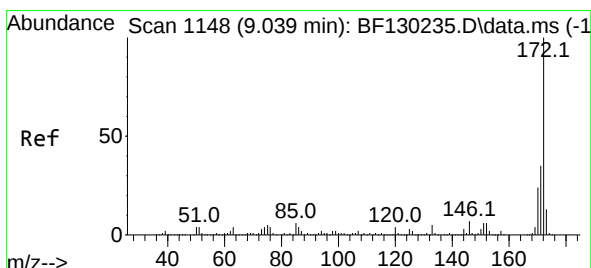
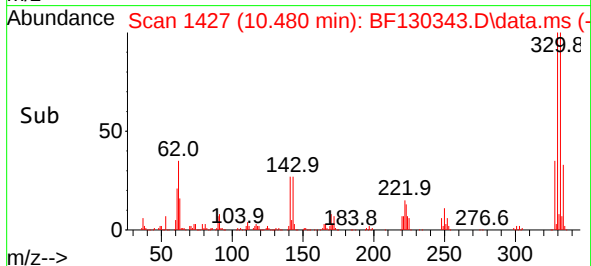
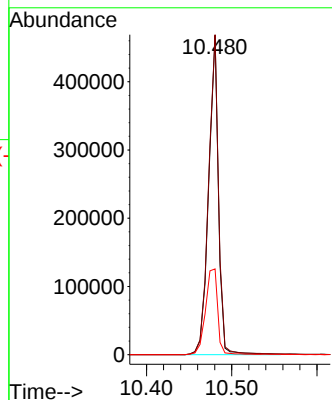
BNA_F

ClientSampleId :

PB147759BL



Tgt Ion:	330	Resp:	374470
Ion Ratio	Lower	Upper	
330	100		
332	103.1	83.4	125.2
141	33.3	34.0	51.0



#45

2-Fluorobiphenyl

Concen: 86.186 ng

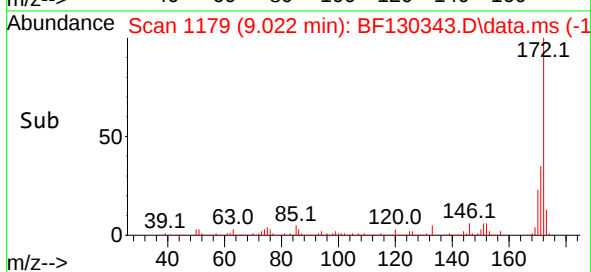
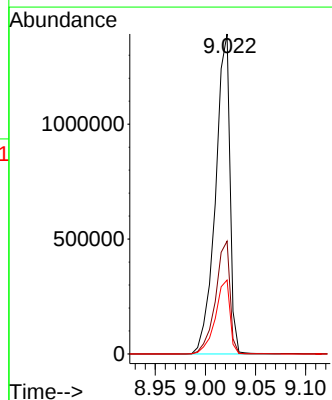
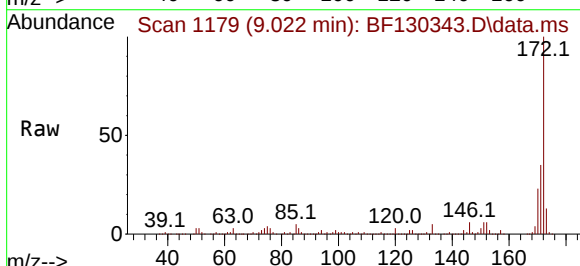
RT: 9.022 min Scan# 1179

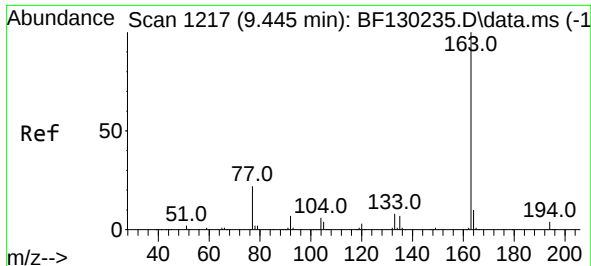
Delta R.T. -0.000 min

Lab File: BF130343.D

Acq: 20 Sep 2022 14:25

Tgt Ion:	172	Resp:	1396533
Ion Ratio	Lower	Upper	
172	100		
171	35.3	28.3	42.5
170	23.1	18.7	28.1

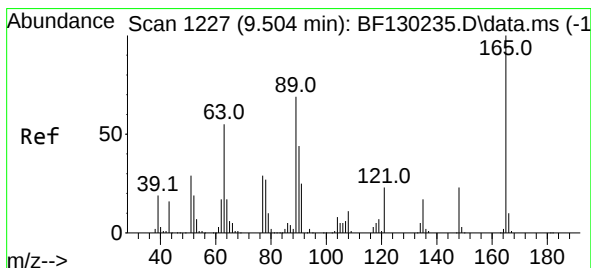
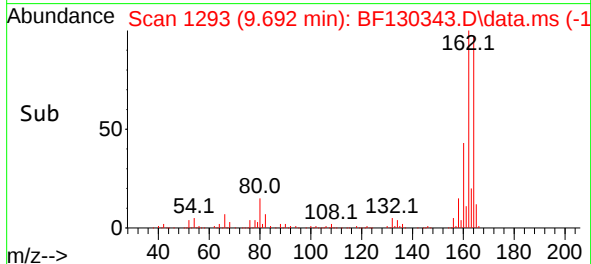
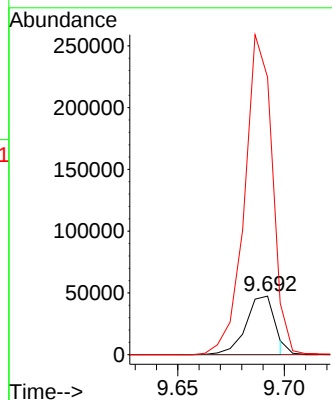
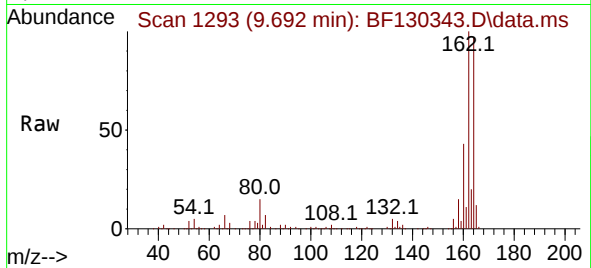




#50
Dimethylphthalate
Concen: 2.751 ng
RT: 9.692 min Scan# 11
Delta R.T. 0.265 min
Lab File: BF130343.D
Acq: 20 Sep 2022 14:25

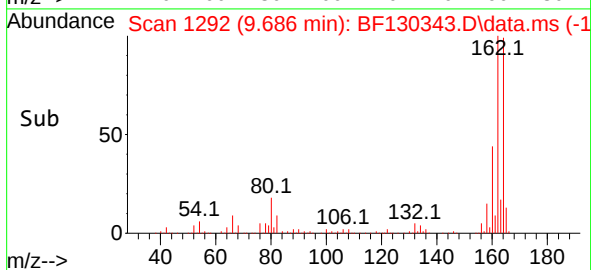
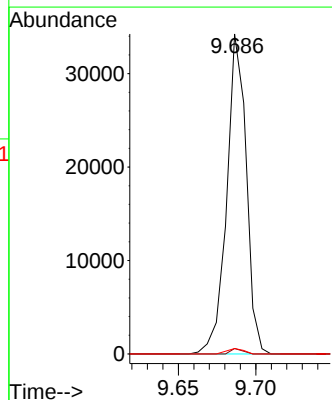
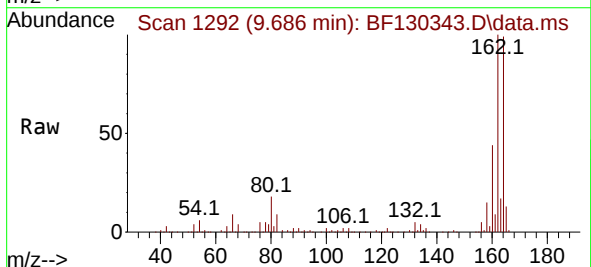
Instrument :
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ClientSampleId :
PB147759BL

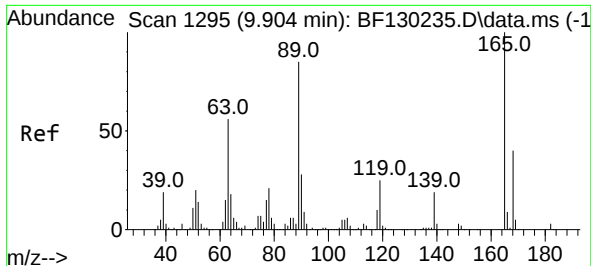
Tgt Ion:163 Resp: 44838
Ion Ratio Lower Upper
163 100
194 0.0 2.8 4.2#
164 473.1 8.2 12.2#



#51
2,6-Dinitrotoluene
Concen: 8.792 ng
RT: 9.686 min Scan# 1292
Delta R.T. 0.200 min
Lab File: BF130343.D
Acq: 20 Sep 2022 14:25

Tgt Ion:165 Resp: 29968
Ion Ratio Lower Upper
165 100
63 1.7 58.8 88.2#
89 1.7 54.5 81.7#

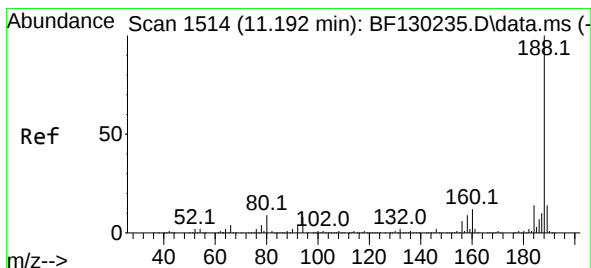
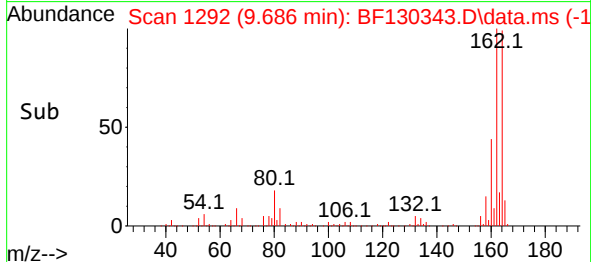
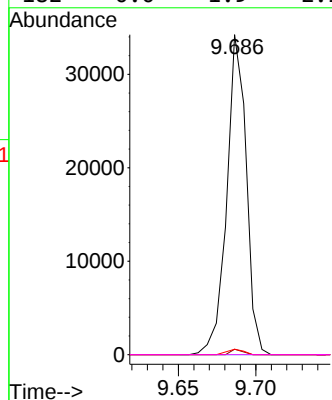
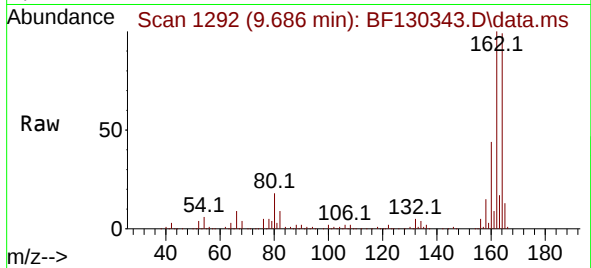




#57
2,4-Dinitrotoluene
Concen: 6.879 ng
RT: 9.686 min Scan# 11
Delta R.T. -0.200 min
Lab File: BF130343.D
Acq: 20 Sep 2022 14:25

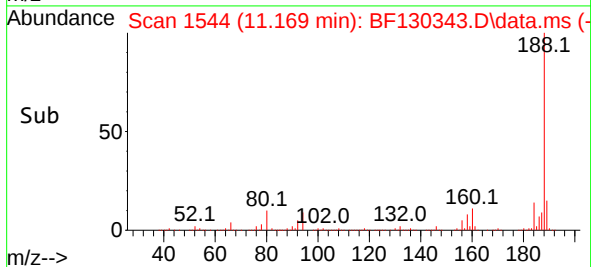
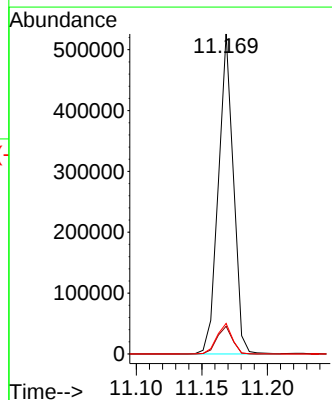
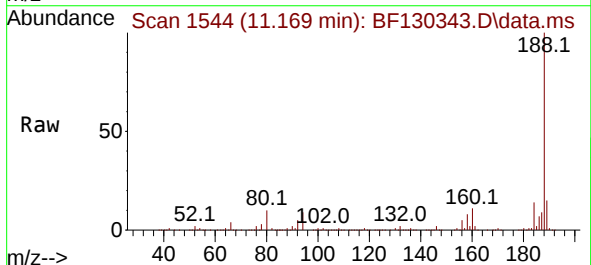
Instrument :
BNA_F
ClientSampleId :
PB147759BL

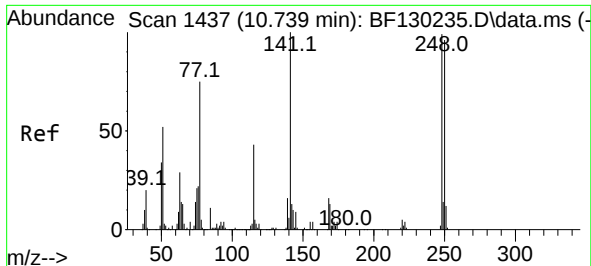
Tgt Ion:165 Resp: 29968
Ion Ratio Lower Upper
165 100
63 1.7 44.7 67.1#
89 1.7 69.0 103.4#
182 0.0 1.9 2.9#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.169 min Scan# 1544
Delta R.T. -0.006 min
Lab File: BF130343.D
Acq: 20 Sep 2022 14:25

Tgt Ion:188 Resp: 418306
Ion Ratio Lower Upper
188 100
94 8.7 7.4 11.2
80 9.6 7.9 11.9

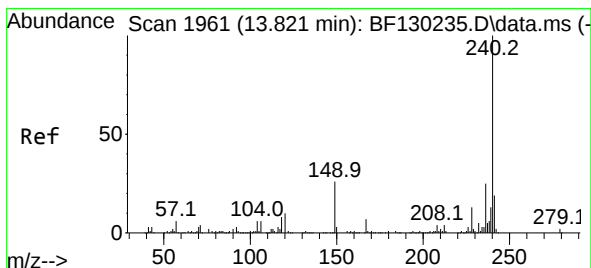
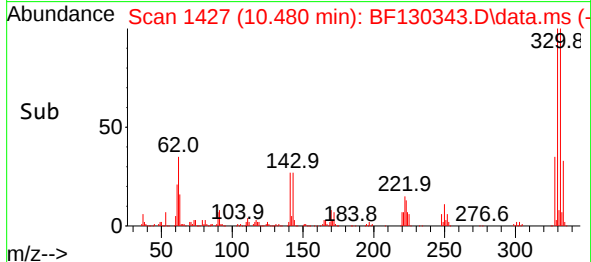
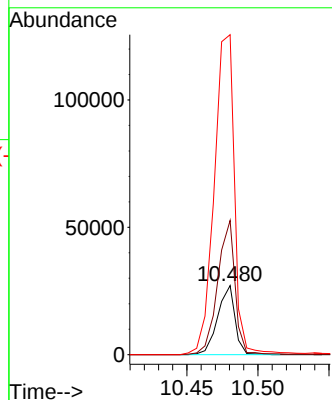
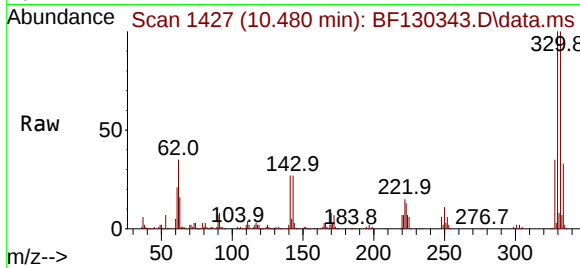




#67
4-Bromophenyl-phenylether
Concen: 4.988 ng
RT: 10.480 min Scan# 1437
Delta R.T. -0.241 min
Lab File: BF130343.D
Acq: 20 Sep 2022 14:25

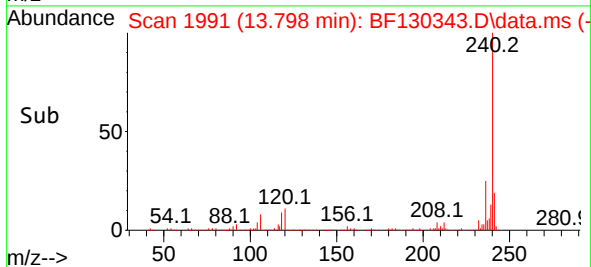
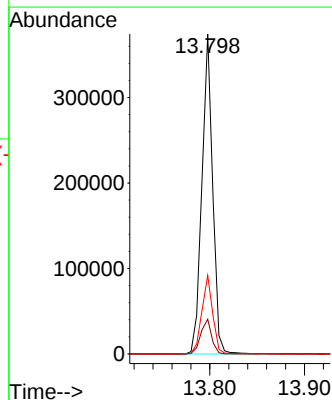
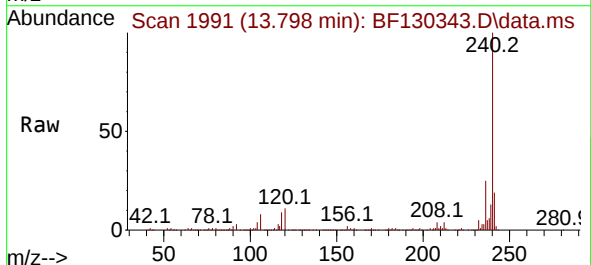
Instrument :
BNA_F
ClientSampleId :
PB147759BL

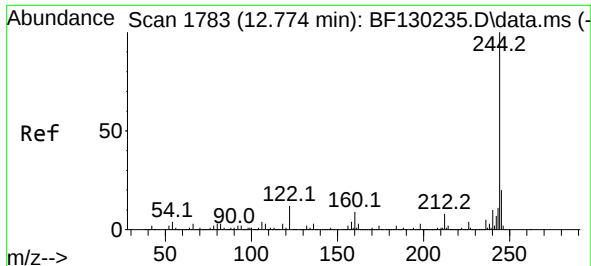
Tgt Ion:248 Resp: 23018
Ion Ratio Lower Upper
248 100
250 194.2 80.0 120.0#
141 462.9 68.5 102.7#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.798 min Scan# 1991
Delta R.T. -0.006 min
Lab File: BF130343.D
Acq: 20 Sep 2022 14:25

Tgt Ion:240 Resp: 295059
Ion Ratio Lower Upper
240 100
120 10.8 8.7 13.1
236 24.5 20.9 31.3

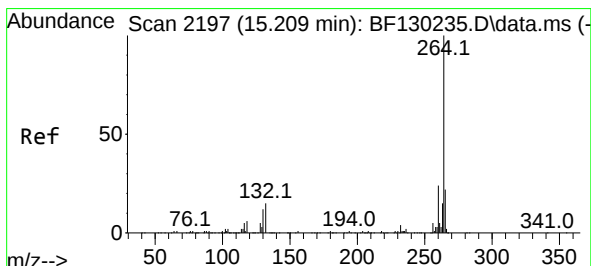
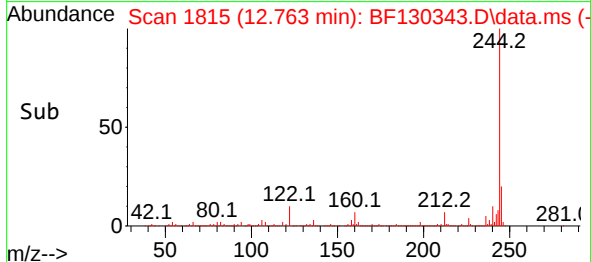
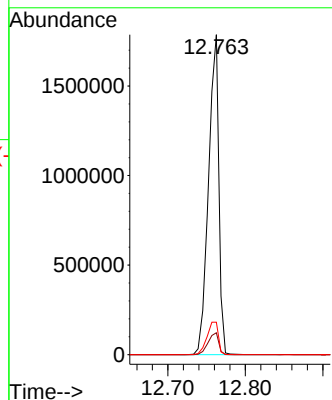
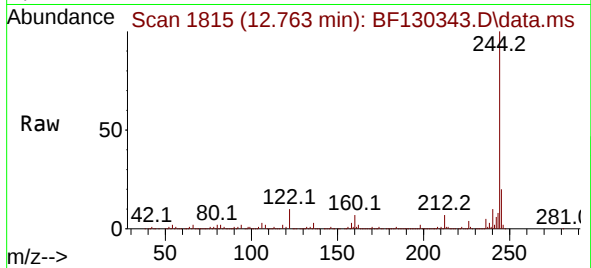




#79
 Terphenyl-d14
 Concen: 92.552 ng
 RT: 12.763 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: BF130343.D
 Acq: 20 Sep 2022 14:25

Instrument :
 BNA_F
 ClientSampleId :
 PB147759BL

Tgt Ion:244 Resp: 1648558
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.9 8.9
 122 10.1 8.5 12.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.186 min Scan# 2227
 Delta R.T. -0.000 min
 Lab File: BF130343.D
 Acq: 20 Sep 2022 14:25

Tgt Ion:264 Resp: 223991
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.3 28.9
 265 21.8 17.0 25.4

