

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051922\
 Data File : BF128343.D
 Acq On : 19 May 2022 18:27
 Operator : CG\JU
 Sample : N2865-13
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P019-SS001-2430-01

Quant Time: May 19 18:50:38 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 19 06:47:51 2022
 Response via : Initial Calibration

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

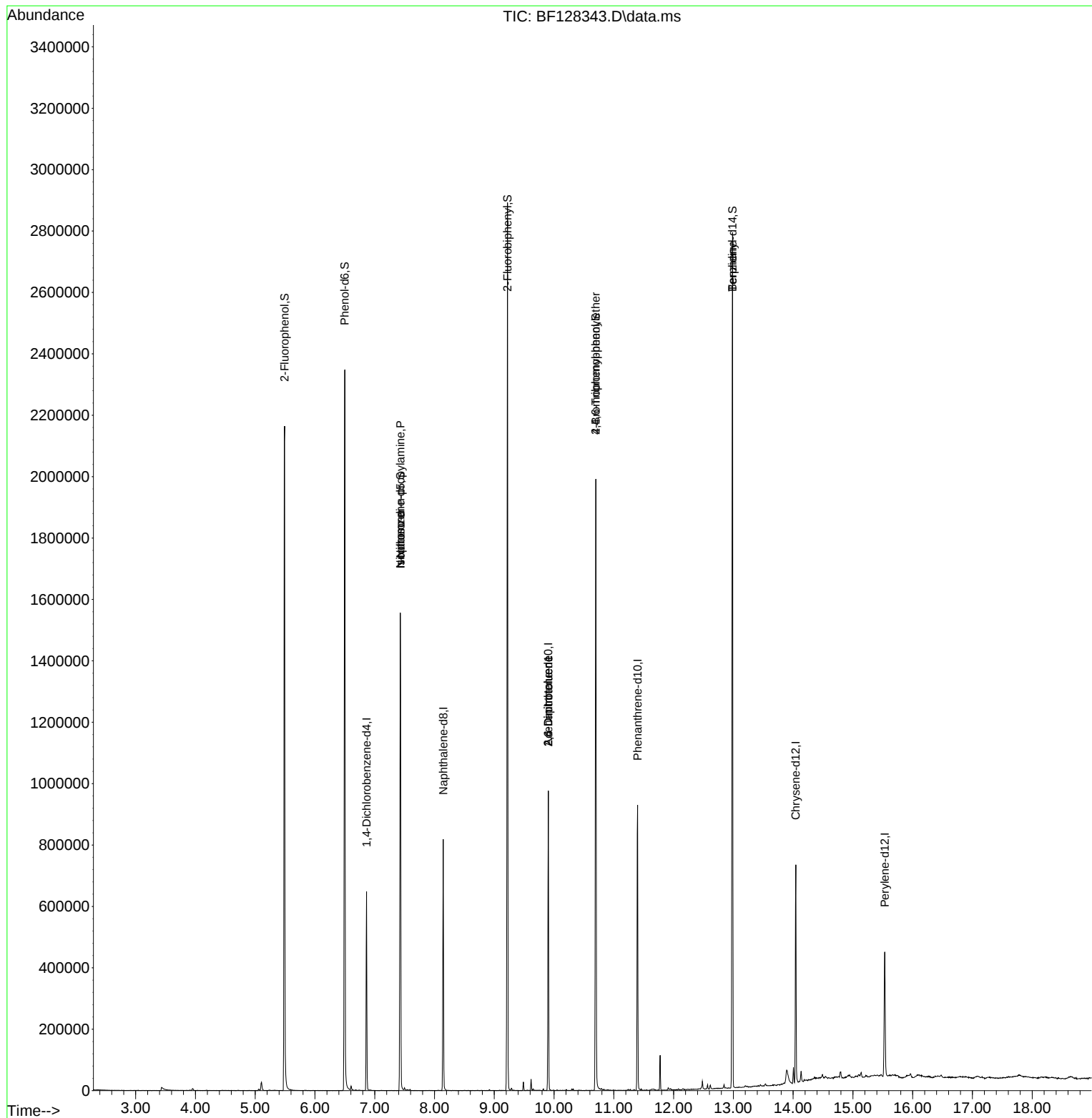
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	85708	20.000	ng	0.00
21) Naphthalene-d8	8.145	136	331053	20.000	ng	-0.01
39) Acenaphthene-d10	9.904	164	186006	20.000	ng	-0.01
64) Phenanthrene-d10	11.398	188	349888	20.000	ng	0.00
76) Chrysene-d12	14.045	240	234056	20.000	ng	-0.01
86) Perylene-d12	15.533	264	183081	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	581768	108.207	ng	0.00
7) Phenol-d6	6.498	99	763040	107.301	ng	-0.01
23) Nitrobenzene-d5	7.428	82	543831	73.917	ng	-0.02
42) 2,4,6-Tribromophenol	10.698	330	221409	103.789	ng	-0.01
45) 2-Fluorobiphenyl	9.222	172	842879	70.903	ng	-0.01
79) Terphenyl-d14	12.986	244	963645	77.255	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.498	77	1388	Below Cal	#	3
19) n-Nitroso-di-n-propyla...	7.428	70	74083	16.917	ng	# 79
25) Isophorone	7.428	82	543825	47.148	ng	# 68
51) 2,6-Dinitrotoluene	9.904	165	23754	9.021	ng	# 23
57) 2,4-Dinitrotoluene	9.904	165	23754	6.747	ng	# 27
67) 4-Bromophenyl-phenylether	10.698	248	13676	3.633	ng	# 1
77) Benizidine	12.986	184	14553	2.871	ng	# 92

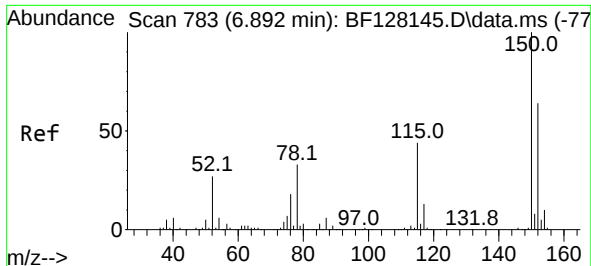
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051922\
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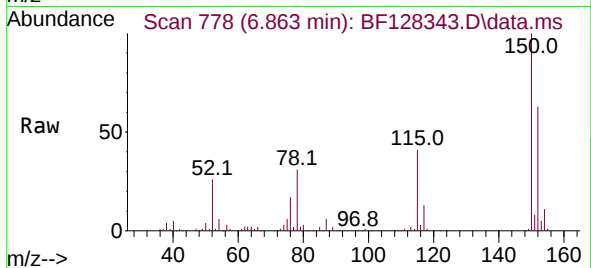
Quant Time: May 19 18:50:38 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration



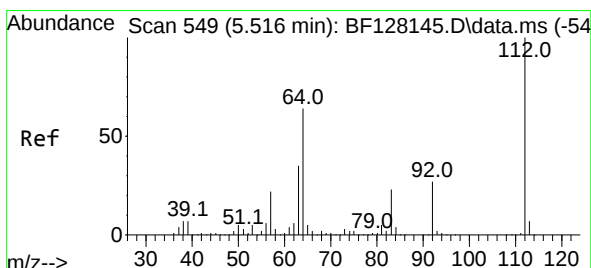
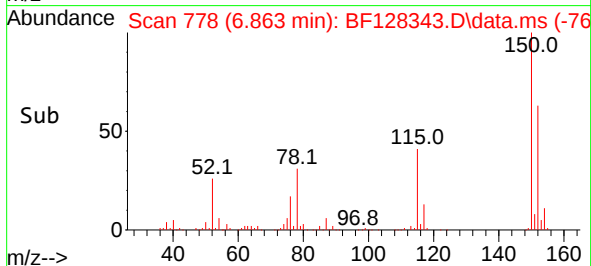
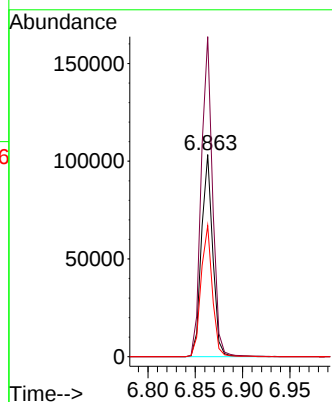


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF128343.D
Acq: 19 May 2022 18:27

Instrument :
BNA_F
ClientSampleId :
P019-SS001-2430-01

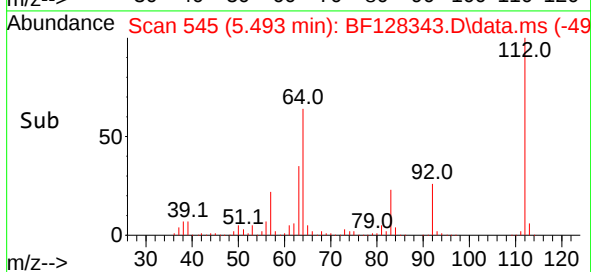
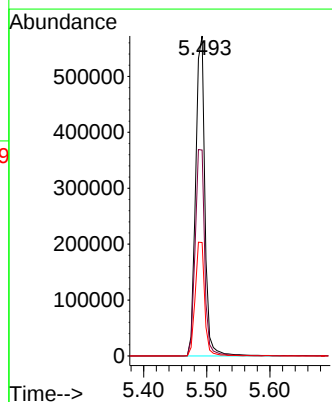
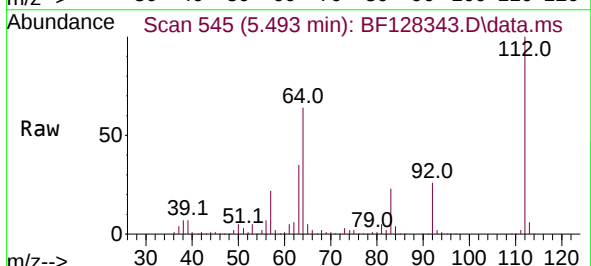


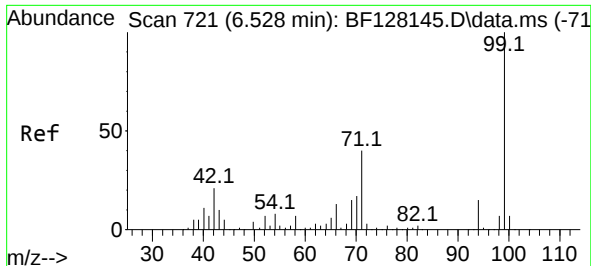
Tgt Ion:152 Resp: 85708
Ion Ratio Lower Upper
152 100
150 158.3 125.3 187.9
115 64.8 48.8 73.2



#5
2-Fluorophenol
Concen: 108.207 ng
RT: 5.493 min Scan# 545
Delta R.T. 0.000 min
Lab File: BF128343.D
Acq: 19 May 2022 18:27

Tgt Ion:112 Resp: 581768
Ion Ratio Lower Upper
112 100
64 64.4 49.5 74.3
63 35.5 26.3 39.5

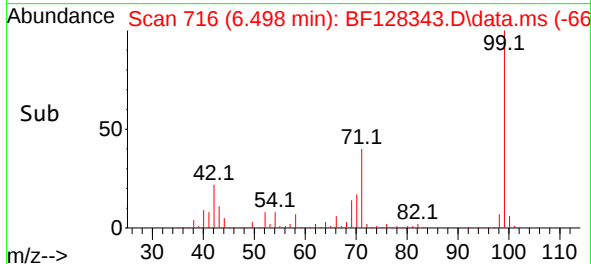
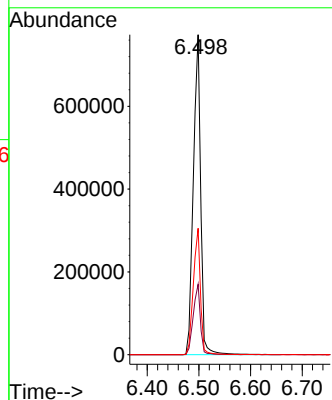
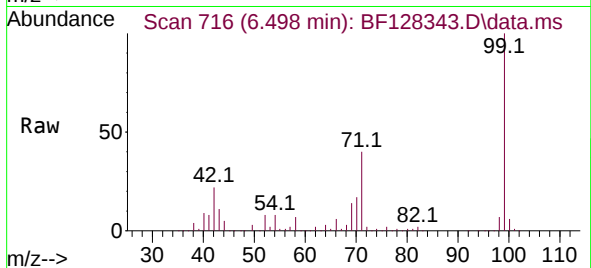




#7
Phenol-d6
Concen: 107.301 ng
RT: 6.498 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF128343.D
Acq: 19 May 2022 18:27

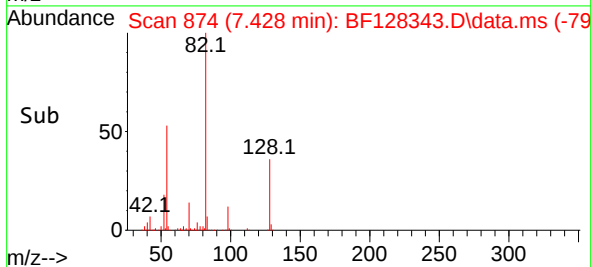
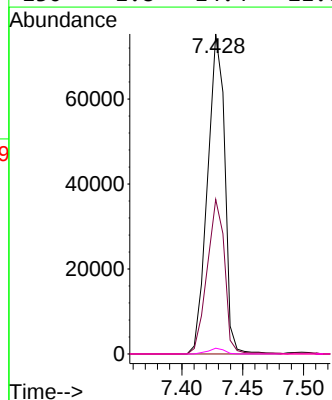
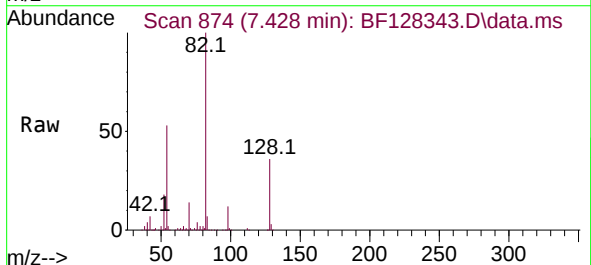
Instrument :
BNA_F
ClientSampleId :
P019-SS001-2430-01

Tgt Ion: 99 Resp: 763040
Ion Ratio Lower Upper
99 100
42 22.0 16.6 24.8
71 39.5 30.0 45.0



#19
n-Nitroso-di-n-propylamine
Concen: 16.917 ng
RT: 7.428 min Scan# 874
Delta R.T. 0.141 min
Lab File: BF128343.D
Acq: 19 May 2022 18:27

Tgt Ion: 70 Resp: 74083
Ion Ratio Lower Upper
70 100
42 48.3 48.7 73.1#
101 0.0 7.2 10.8#
130 1.8 14.4 21.6#

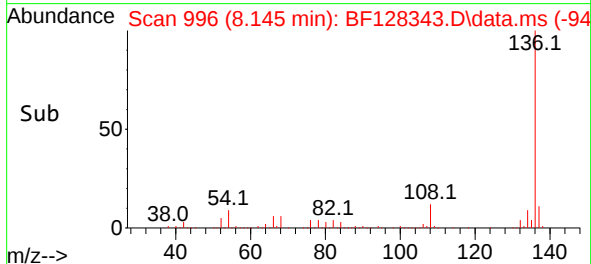
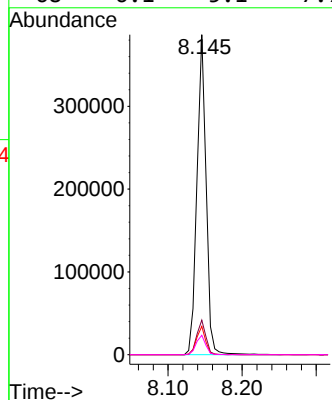
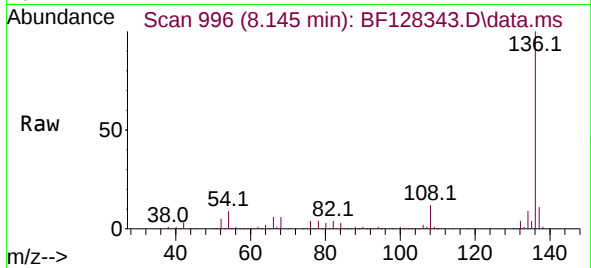




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF128343.D
Acq: 19 May 2022 18:27

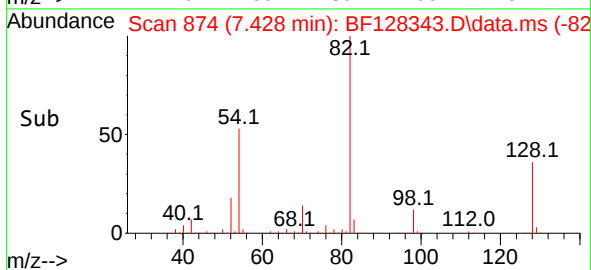
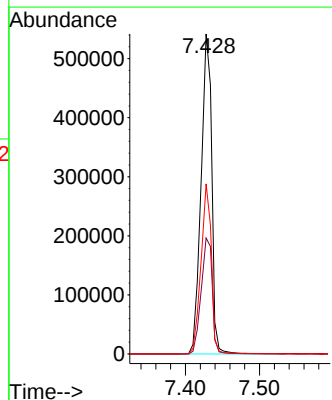
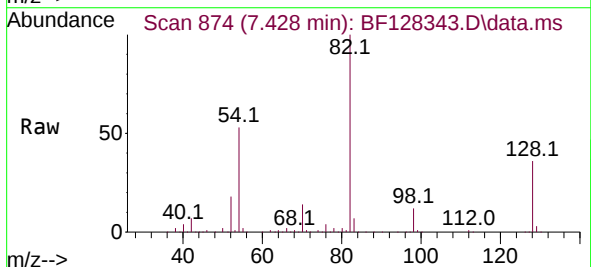
Instrument :
BNA_F
ClientSampleId :
P019-SS001-2430-01

Tgt Ion:	136	Resp:	331053
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	13.0
54	8.8	6.8	10.2
68	6.1	5.1	7.7



#23
Nitrobenzene-d5
Concen: 73.917 ng
RT: 7.428 min Scan# 874
Delta R.T. -0.017 min
Lab File: BF128343.D
Acq: 19 May 2022 18:27

Tgt Ion:	82	Resp:	543831
Ion	Ratio	Lower	Upper
82	100		
128	36.2	30.0	45.0
54	53.1	41.3	61.9

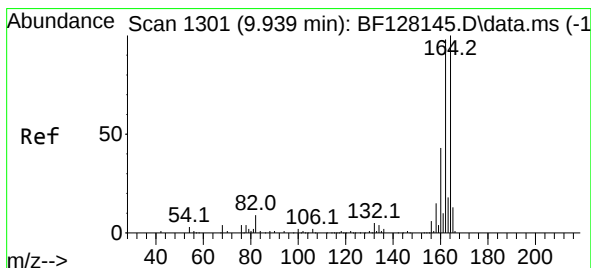
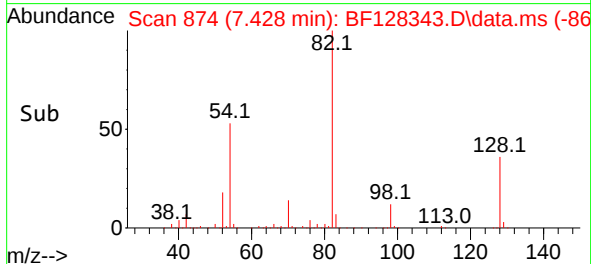
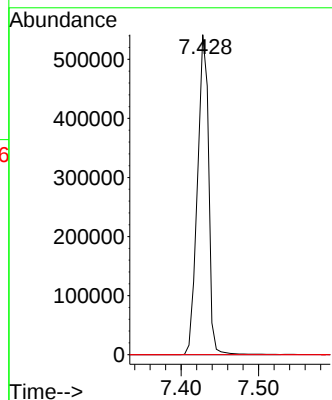
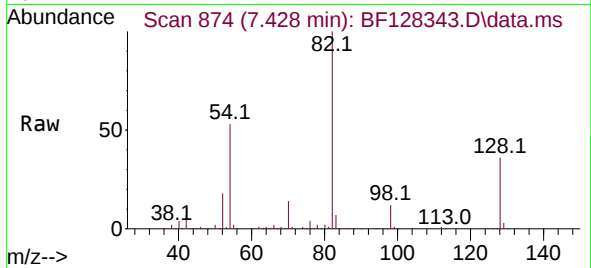




#25
Isophorone
Concen: 47.148 ng
RT: 7.428 min Scan# 81
Delta R.T. -0.270 min
Lab File: BF128343.D
Acq: 19 May 2022 18:27

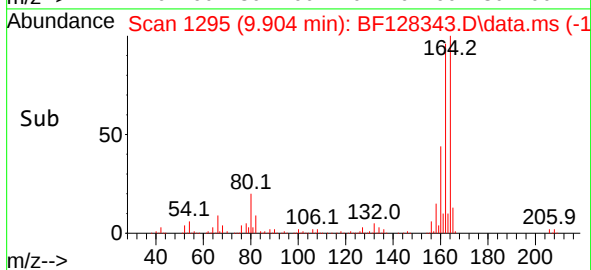
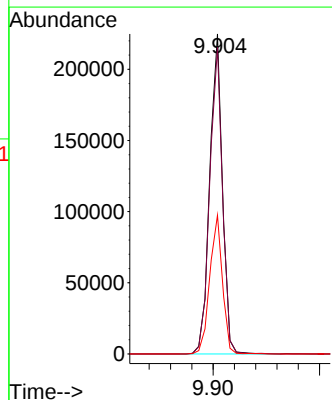
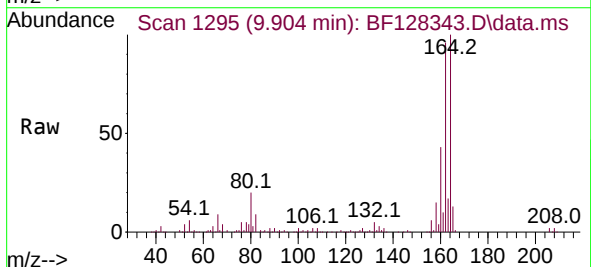
Instrument :
BNA_F
ClientSampleId :
P019-SS001-2430-01

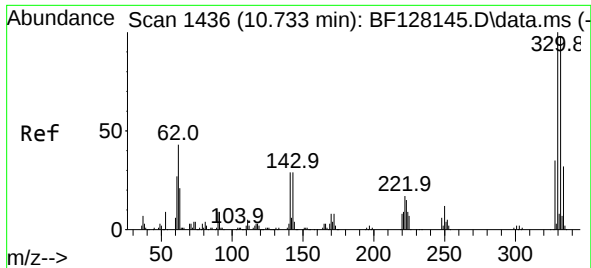
Tgt Ion: 82 Resp: 543825
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 12.5 18.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1295
Delta R.T. -0.012 min
Lab File: BF128343.D
Acq: 19 May 2022 18:27

Tgt Ion:164 Resp: 186006
Ion Ratio Lower Upper
164 100
162 95.7 76.0 114.0
160 43.4 34.8 52.2

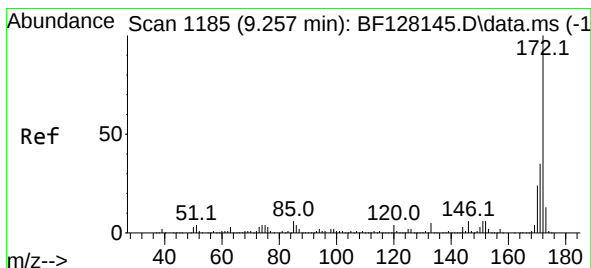
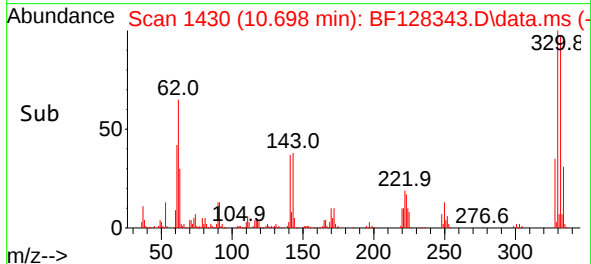
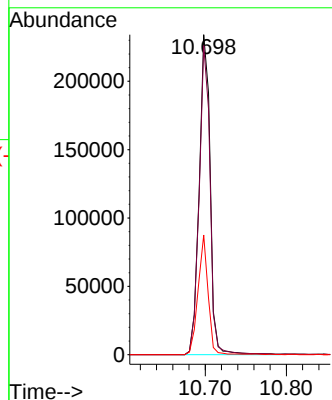
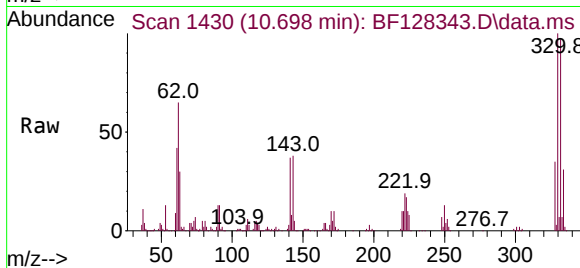




#42
 2,4,6-Tribromophenol
 Concen: 103.789 ng
 RT: 10.698 min Scan# 1436
 Delta R.T. -0.012 min
 Lab File: BF128343.D
 Acq: 19 May 2022 18:27

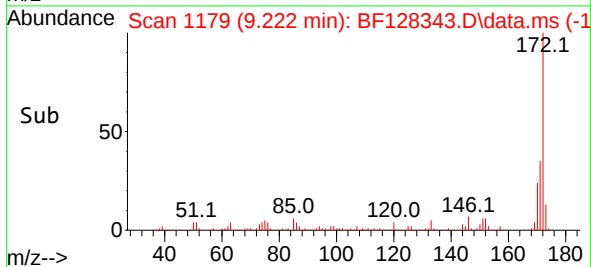
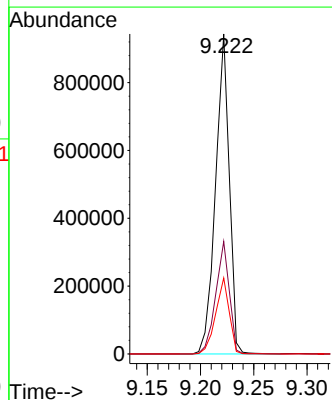
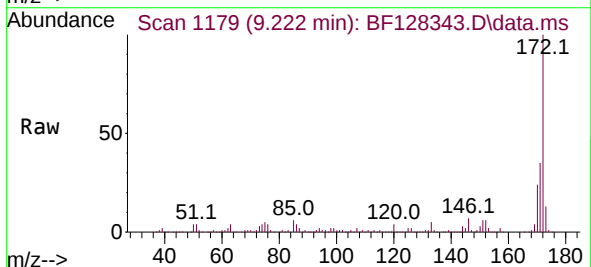
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 ClientSampleId :
 P019-SS001-2430-01

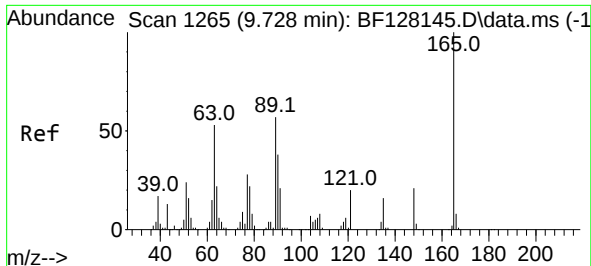
Tgt Ion: 330 Resp: 221409
 Ion Ratio Lower Upper
 330 100
 332 96.0 79.0 118.4
 141 34.2 28.9 43.3



#45
 2-Fluorobiphenyl
 Concen: 70.903 ng
 RT: 9.222 min Scan# 1179
 Delta R.T. -0.012 min
 Lab File: BF128343.D
 Acq: 19 May 2022 18:27

Tgt Ion: 172 Resp: 842879
 Ion Ratio Lower Upper
 172 100
 171 35.2 28.6 42.8
 170 23.7 19.1 28.7

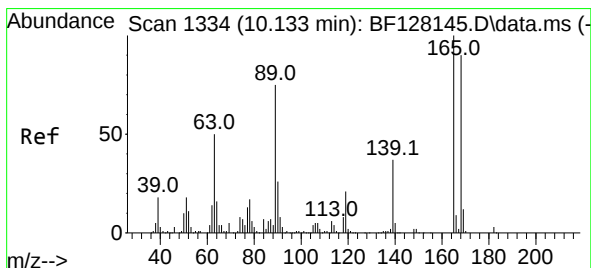
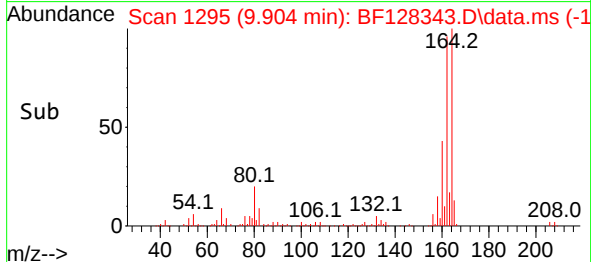
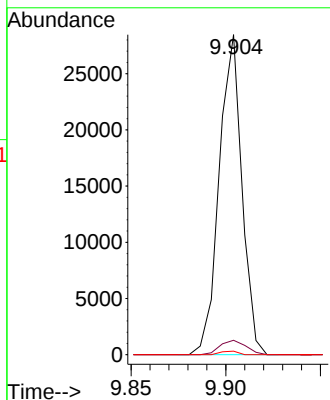
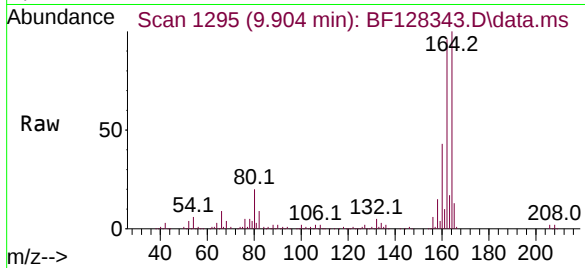




#51
2,6-Dinitrotoluene
Concen: 9.021 ng
RT: 9.904 min Scan# 1295
Delta R.T. 0.200 min
Lab File: BF128343.D
Acq: 19 May 2022 18:27

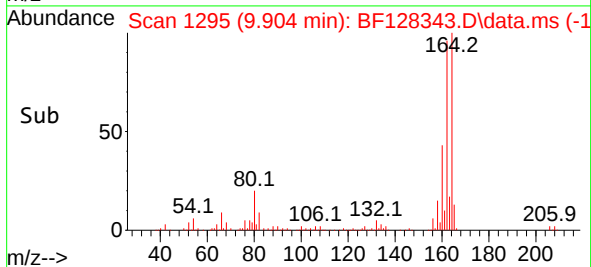
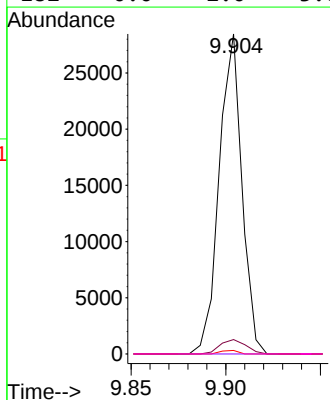
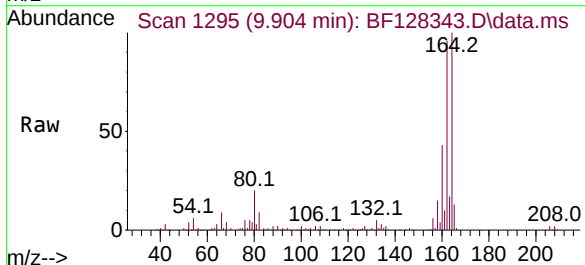
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ClientSampleId :
P019-SS001-2430-01

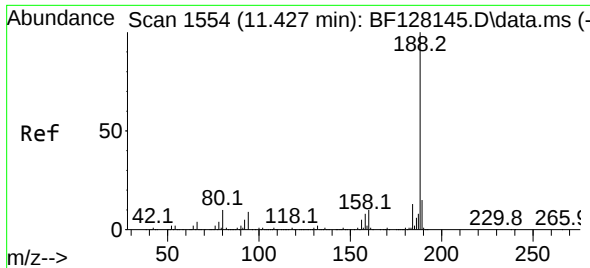
Tgt Ion:165 Resp: 23754
Ion Ratio Lower Upper
165 100
63 4.5 49.5 74.3#
89 1.1 49.0 73.4#



#57
2,4-Dinitrotoluene
Concen: 6.747 ng
RT: 9.904 min Scan# 1295
Delta R.T. -0.211 min
Lab File: BF128343.D
Acq: 19 May 2022 18:27

Tgt Ion:165 Resp: 23754
Ion Ratio Lower Upper
165 100
63 4.5 32.6 49.0#
89 1.1 55.2 82.8#
182 0.0 2.0 3.0#

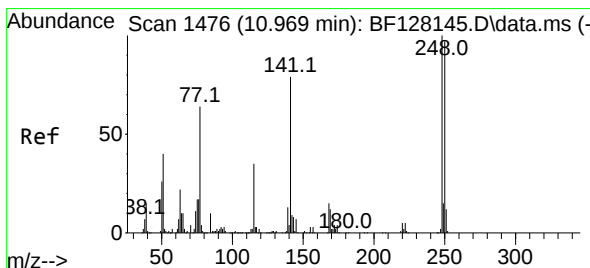
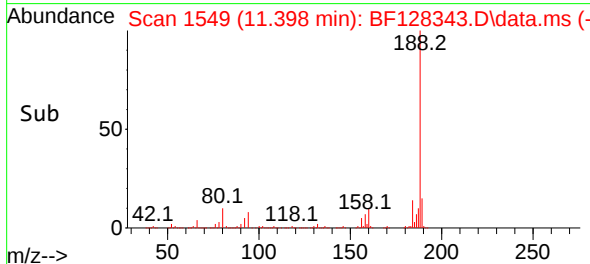
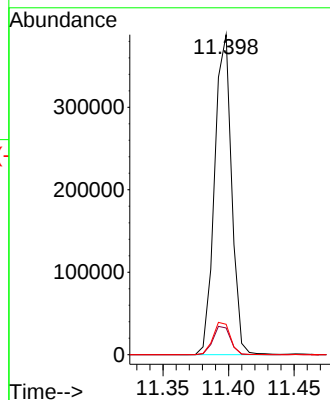
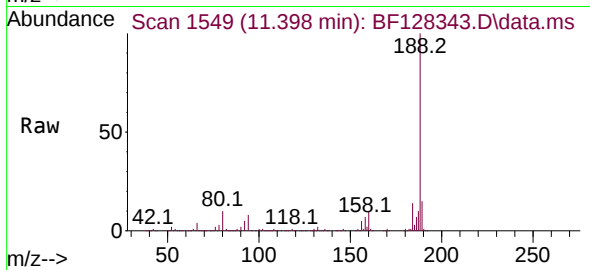




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF128343.D
Acq: 19 May 2022 18:27

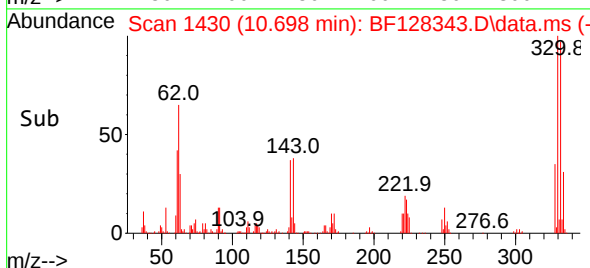
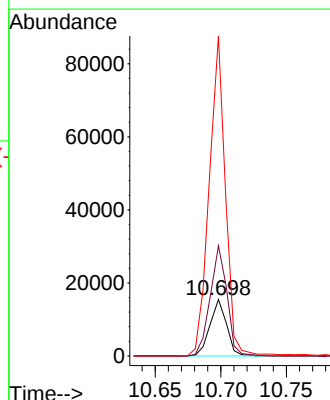
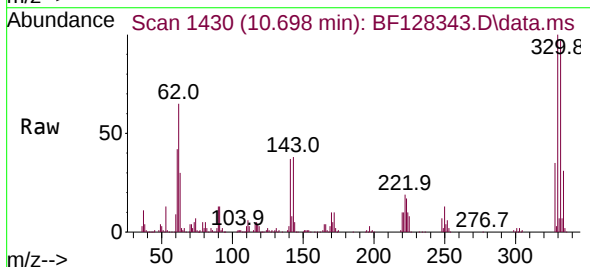
Instrument :
BNA_F
ClientSampleId :
P019-SS001-2430-01

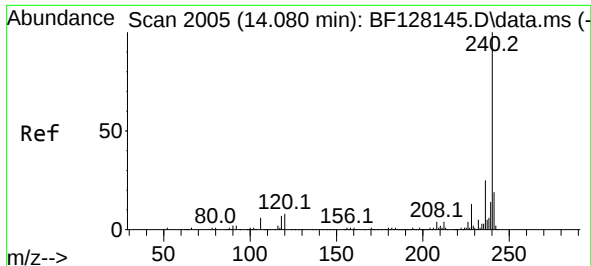
Tgt Ion:188 Resp: 349888
Ion Ratio Lower Upper
188 100
94 8.3 8.0 12.0
80 9.5 8.9 13.3



#67
4-Bromophenyl-phenylether
Concen: 3.633 ng
RT: 10.698 min Scan# 1430
Delta R.T. -0.247 min
Lab File: BF128343.D
Acq: 19 May 2022 18:27

Tgt Ion:248 Resp: 13676
Ion Ratio Lower Upper
248 100
250 194.9 77.7 116.5#
141 565.9 65.6 98.4#

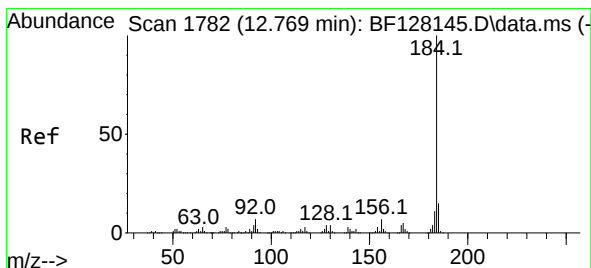
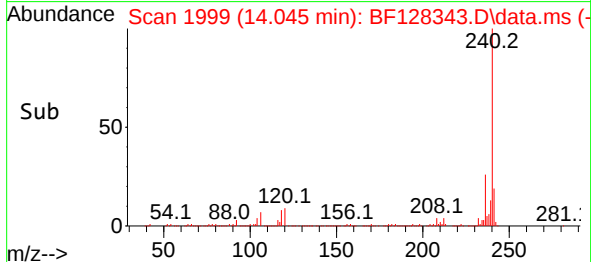
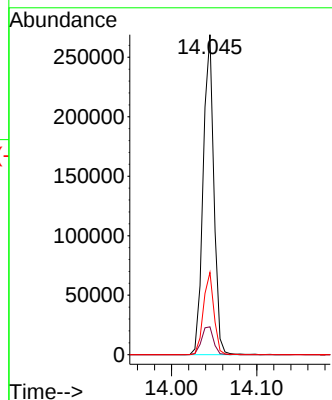
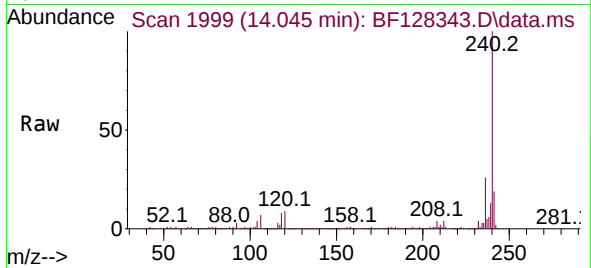




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 1819
Delta R.T. -0.012 min
Lab File: BF128343.D
Acq: 19 May 2022 18:27

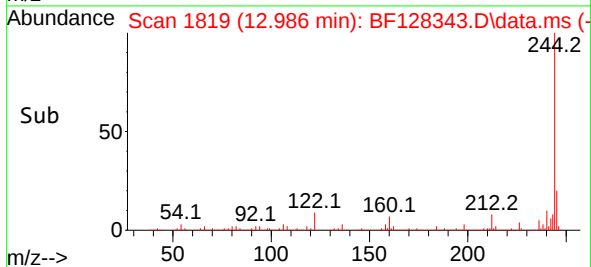
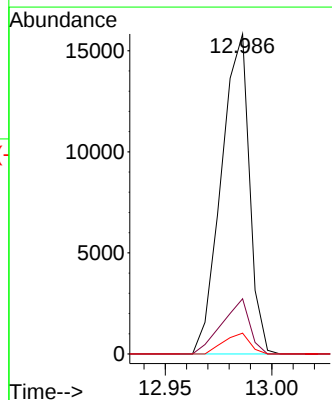
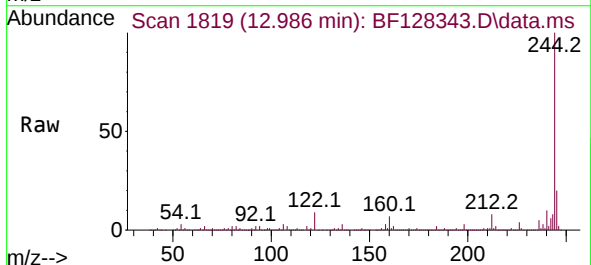
Instrument :
BNA_F
ClientSampleId :
P019-SS001-2430-01

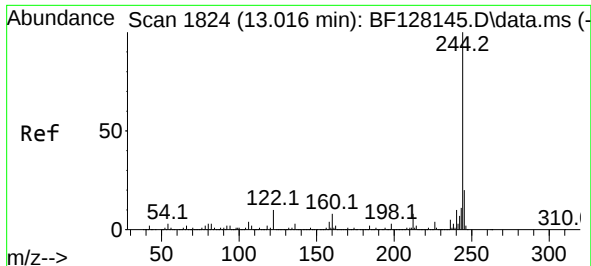
Tgt Ion:240 Resp: 234056
Ion Ratio Lower Upper
240 100
120 8.7 7.0 10.6
236 25.7 20.3 30.5



#77
Benzidine
Concen: 2.871 ng
RT: 12.986 min Scan# 1819
Delta R.T. 0.241 min
Lab File: BF128343.D
Acq: 19 May 2022 18:27

Tgt Ion:184 Resp: 14553
Ion Ratio Lower Upper
184 100
185 17.2 12.1 18.1
183 6.5 9.0 13.4#

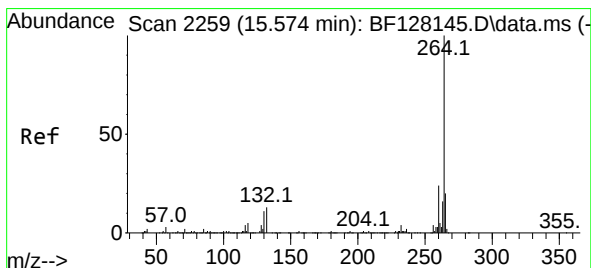
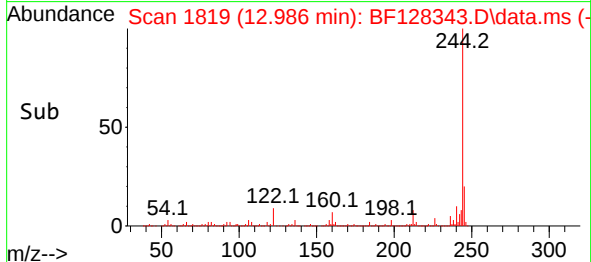
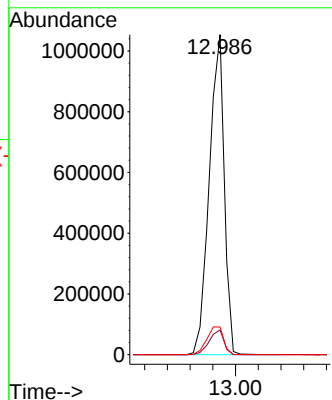
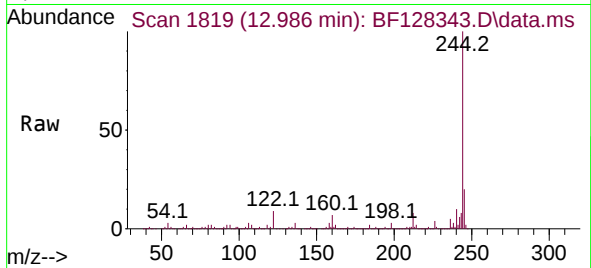




#79
 Terphenyl-d14
 Concen: 77.255 ng
 RT: 12.986 min Scan# 1824
 Delta R.T. -0.006 min
 Lab File: BF128343.D
 Acq: 19 May 2022 18:27

Instrument :
 BNA_F
 ClientSampleId :
 P019-SS001-2430-01

Tgt Ion:244 Resp: 963645
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.2 9.4
 122 8.7 8.6 12.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.533 min Scan# 2252
 Delta R.T. -0.012 min
 Lab File: BF128343.D
 Acq: 19 May 2022 18:27

Tgt Ion:264 Resp: 183081
 Ion Ratio Lower Upper
 264 100
 260 23.2 20.1 30.1
 265 21.1 17.5 26.3

