

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051722\
 Data File : BF128300.D
 Acq On : 17 May 2022 19:41
 Operator : CG\JU
 Sample : N2863-16
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P003-SS006-0006-01

Quant Time: May 18 01:34:51 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 18 01:31:11 2022
 Response via : Initial Calibration

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

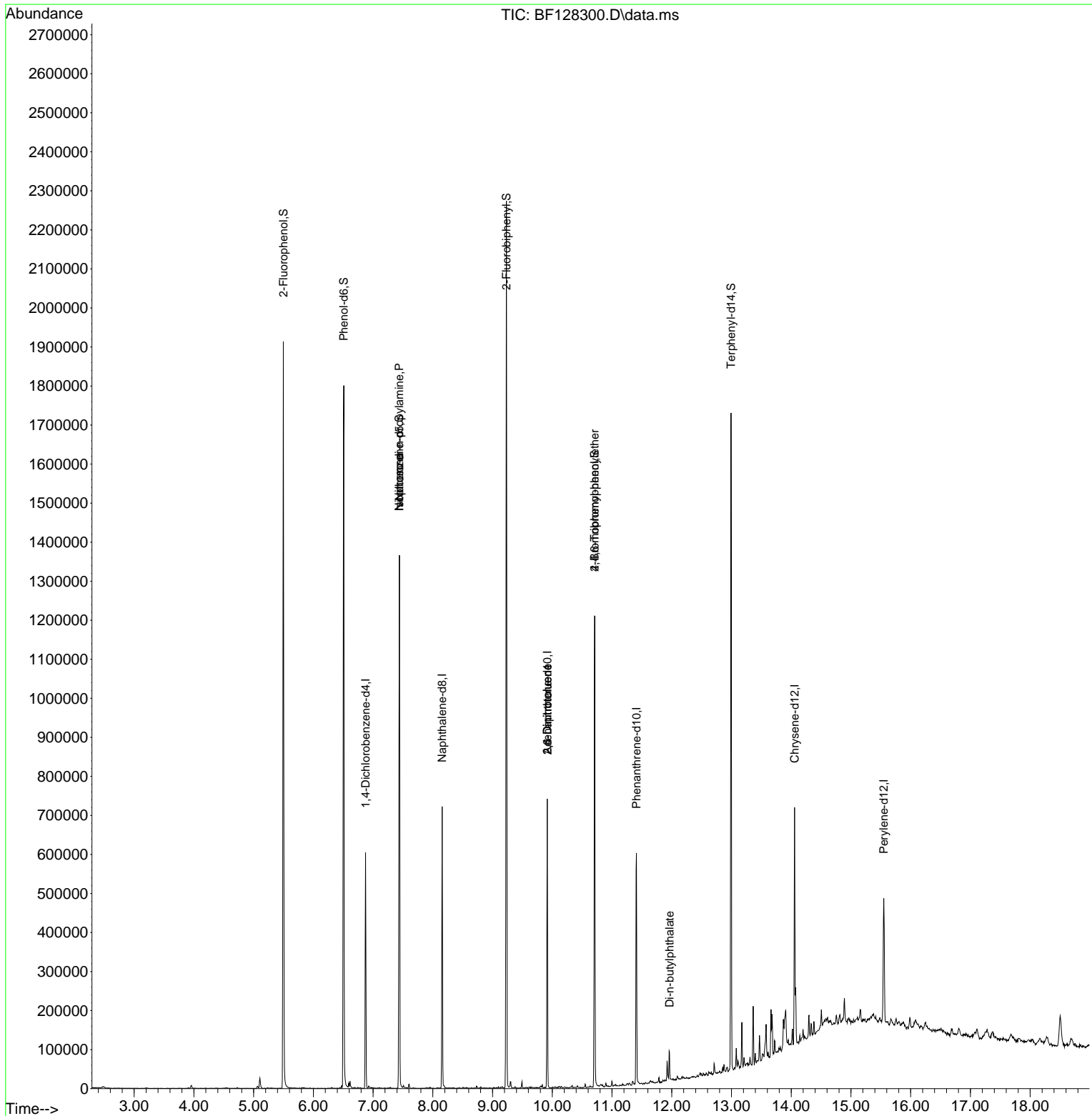
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	74748	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	279244	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	136809	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	214988	20.000	ng	# 0.00
76) Chrysene-d12	14.056	240	192867	20.000	ng	0.00
86) Perylene-d12	15.551	264	141032	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	444570	94.813	ng	0.00
7) Phenol-d6	6.510	99	581571	93.774	ng	0.00
23) Nitrobenzene-d5	7.439	82	427525	68.890	ng	-0.01
42) 2,4,6-Tribromophenol	10.710	330	130899	83.427	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	616169	70.472	ng	0.00
79) Terphenyl-d14	12.992	244	537549	52.299	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.439	77	287	Below Cal		Qvalue # 73
19) n-Nitroso-di-n-propyla...	7.439	70	58827	15.403	ng	# 80
25) Isophorone	7.439	82	427519	43.941	ng	# 68
51) 2,6-Dinitrotoluene	9.916	165	16918	8.736	ng	# 22
57) 2,4-Dinitrotoluene	9.916	165	16918	6.533	ng	# 26
67) 4-Bromophenyl-phenylether	10.710	248	8054	3.482	ng	# 1
74) Di-n-butylphthalate	11.963	149	34498	2.948	ng	99

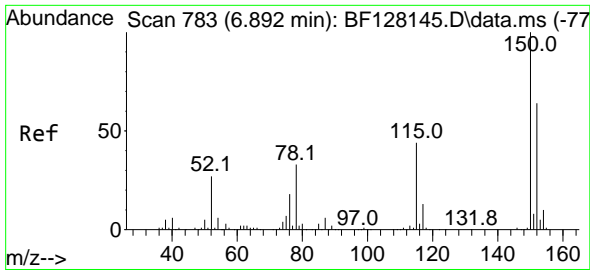
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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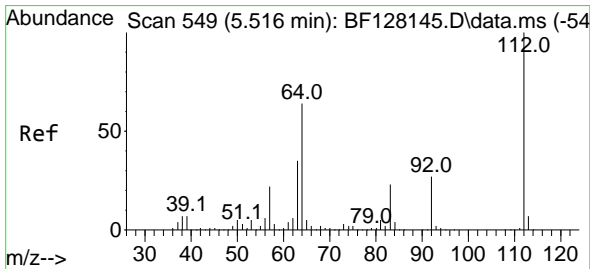
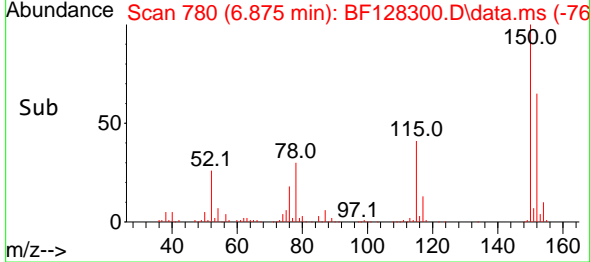
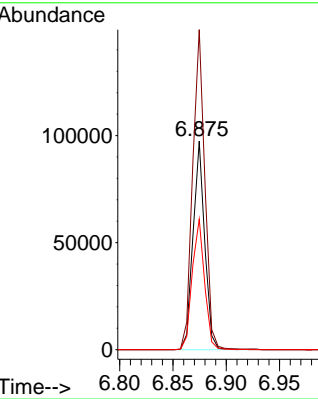
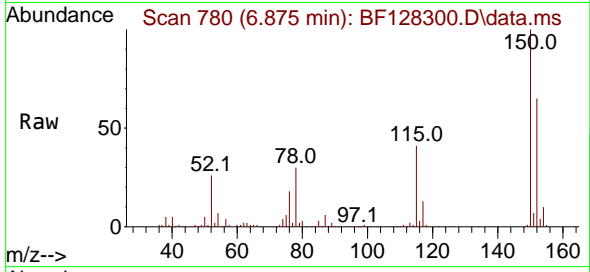




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.875 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: BF128300.D
 Acq: 17 May 2022 19:41

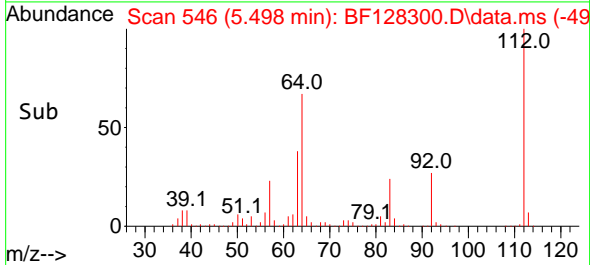
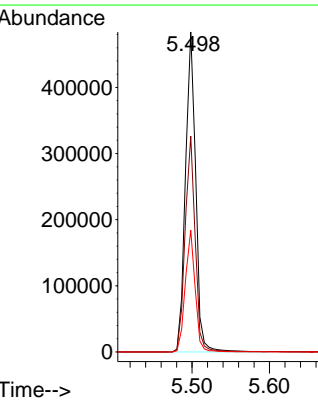
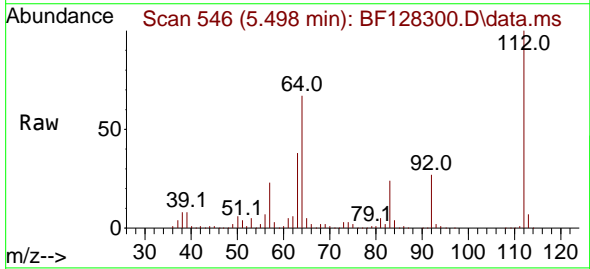
Instrument :
 BNA_F
 ClientSampleId :
 P003-SS006-0006-01

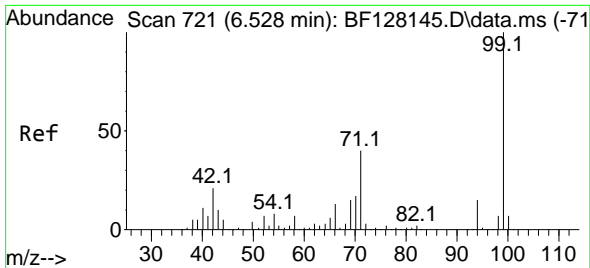
Tgt Ion:152 Resp: 74748
 Ion Ratio Lower Upper
 152 100
 150 153.4 125.3 187.9
 115 62.6 48.8 73.2



#5
 2-Fluorophenol
 Concen: 94.813 ng
 RT: 5.498 min Scan# 546
 Delta R.T. -0.000 min
 Lab File: BF128300.D
 Acq: 17 May 2022 19:41

Tgt Ion:112 Resp: 444570
 Ion Ratio Lower Upper
 112 100
 64 67.4 49.5 74.3
 63 38.1 26.3 39.5



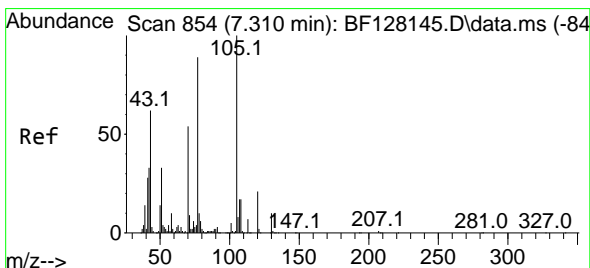
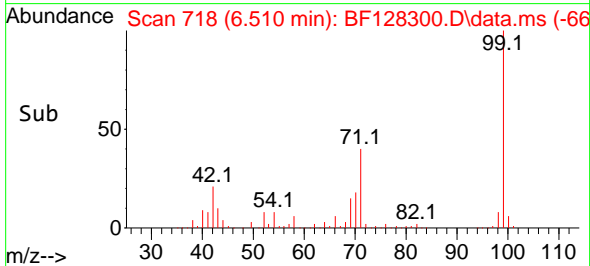
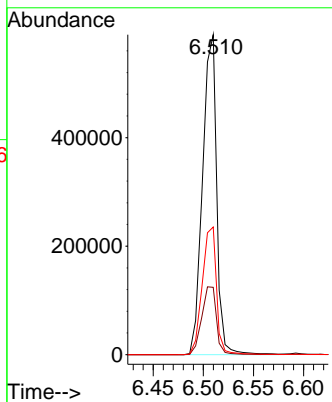
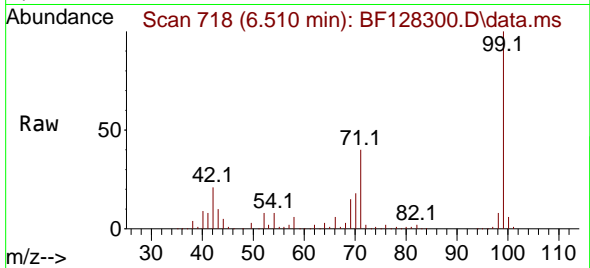


#7
 Phenol-d6
 Concen: 93.774 ng
 RT: 6.510 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: BF128300.D
 Acq: 17 May 2022 19:41

Instrument :
 BNA_F
 ClientSampleId :
 P003-SS006-0006-01

Tgt Ion: 99 Resp: 581571

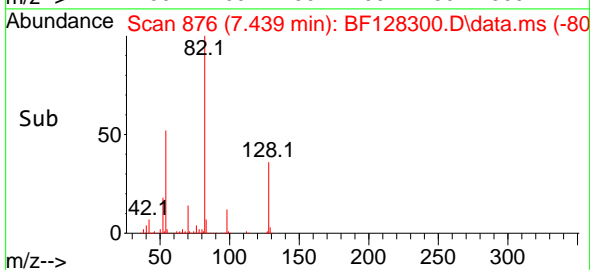
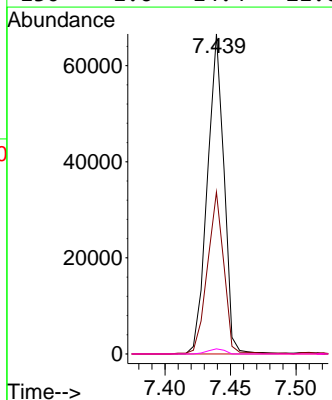
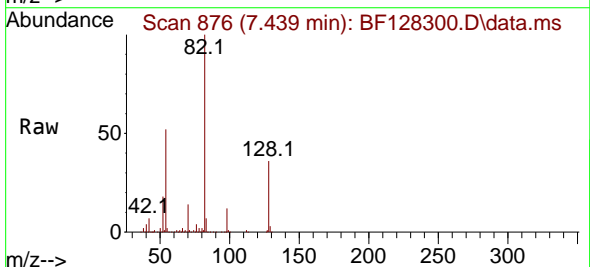
Ion	Ratio	Lower	Upper
99	100		
42	21.1	16.6	24.8
71	39.9	30.0	45.0

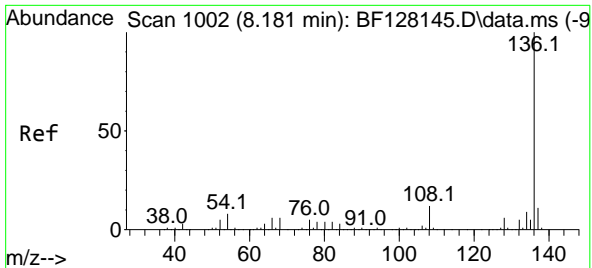


#19
 n-Nitroso-di-n-propylamine
 Concen: 15.403 ng
 RT: 7.439 min Scan# 876
 Delta R.T. 0.141 min
 Lab File: BF128300.D
 Acq: 17 May 2022 19:41

Tgt Ion: 70 Resp: 58827

Ion	Ratio	Lower	Upper
70	100		
42	50.6	48.7	73.1
101	0.0	7.2	10.8#
130	1.6	14.4	21.6#



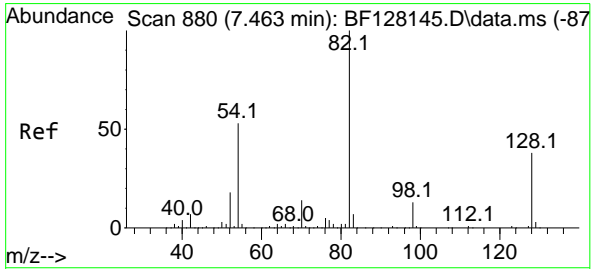
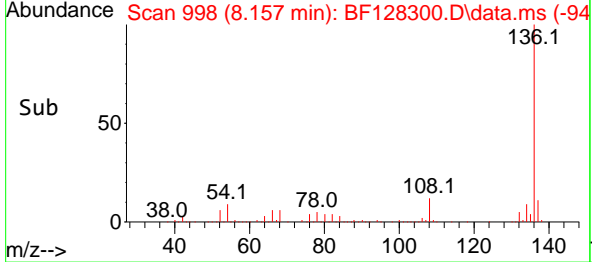
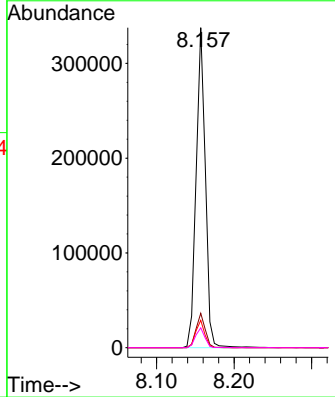
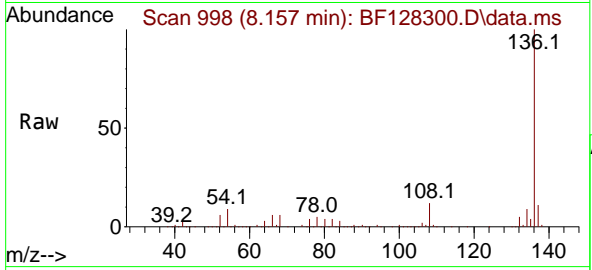


#21
 Naphthalene-d8
 Concen: 20.000 ng
 RT: 8.157 min Scan# 91
 Delta R.T. -0.006 min
 Lab File: BF128300.D
 Acq: 17 May 2022 19:41

Instrument : BNA_F
 ClientSampleId : P003-SS006-0006-01

Tgt Ion:136 Resp: 279244

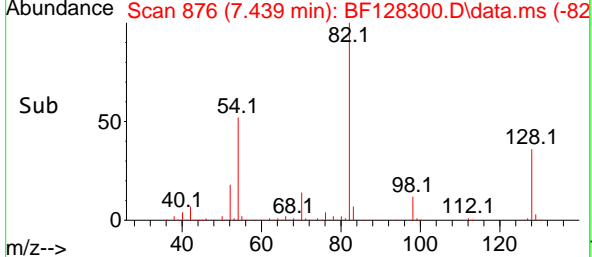
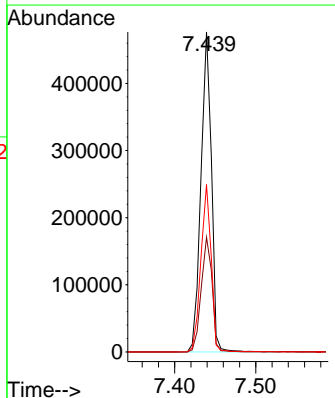
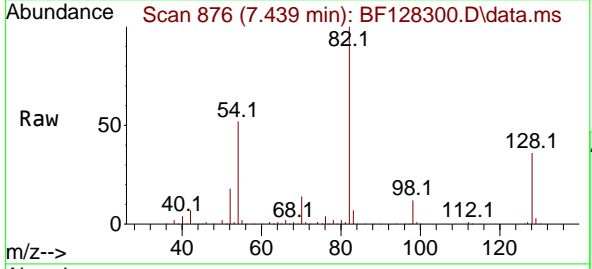
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	13.0
54	8.6	6.8	10.2
68	6.2	5.1	7.7

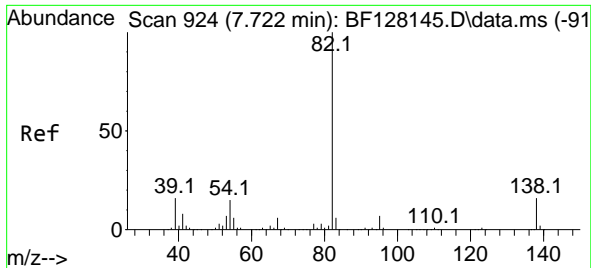


#23
 Nitrobenzene-d5
 Concen: 68.890 ng
 RT: 7.439 min Scan# 876
 Delta R.T. -0.012 min
 Lab File: BF128300.D
 Acq: 17 May 2022 19:41

Tgt Ion: 82 Resp: 427525

Ion	Ratio	Lower	Upper
82	100		
128	35.8	30.0	45.0
54	52.3	41.3	61.9

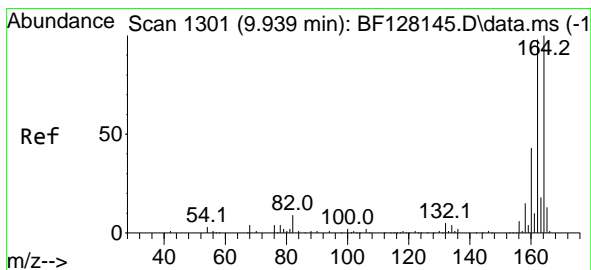
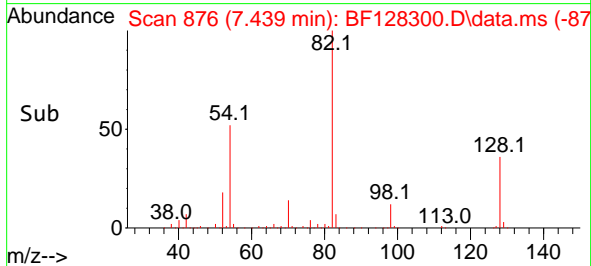
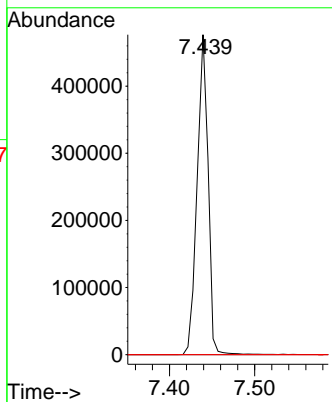
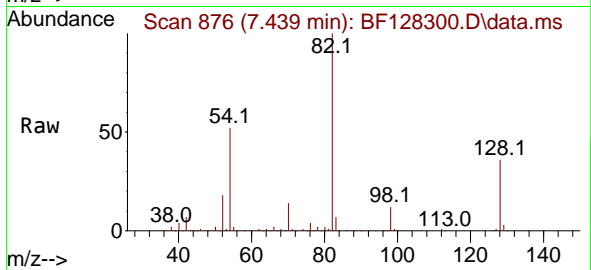




#25
 Isophorone
 Concen: 43.941 ng
 RT: 7.439 min Scan# 81
 Delta R.T. -0.265 min
 Lab File: BF128300.D
 Acq: 17 May 2022 19:41

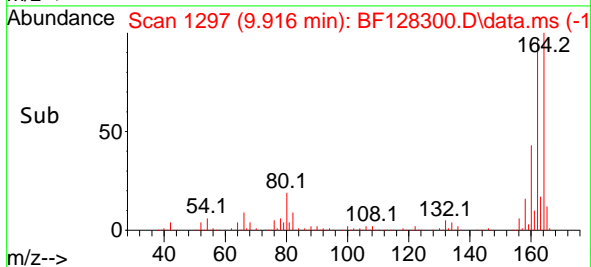
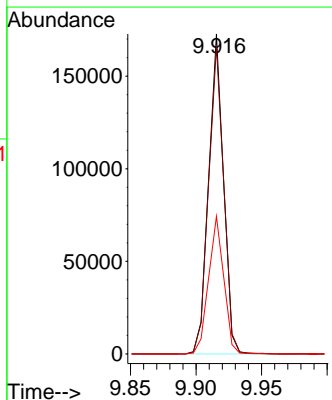
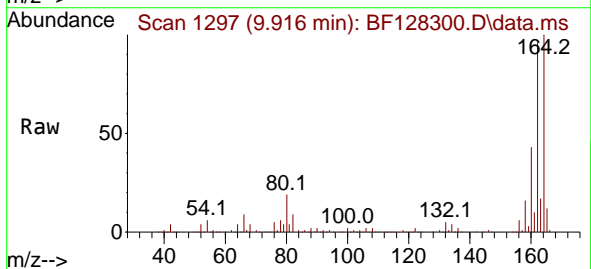
Instrument :
 BNA_F
 ClientSampleId :
 P003-SS006-0006-01

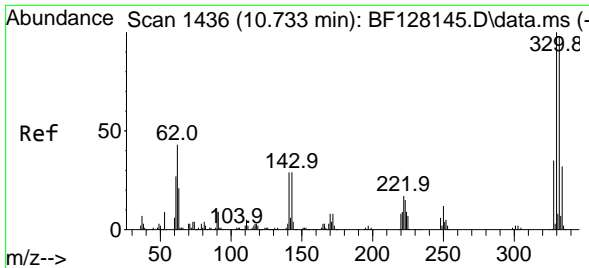
Tgt Ion: 82 Resp: 427519
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.6 8.4#
 138 0.0 12.5 18.7#



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.916 min Scan# 1297
 Delta R.T. -0.006 min
 Lab File: BF128300.D
 Acq: 17 May 2022 19:41

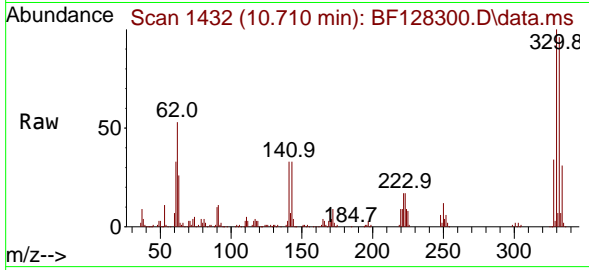
Tgt Ion:164 Resp: 136809
 Ion Ratio Lower Upper
 164 100
 162 96.1 76.0 114.0
 160 43.0 34.8 52.2



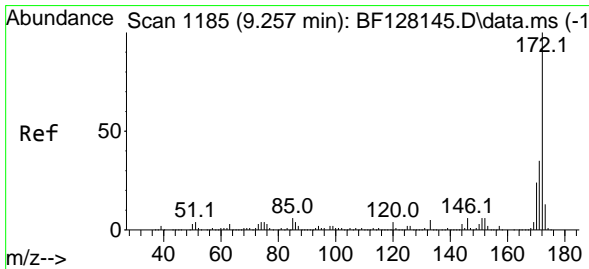
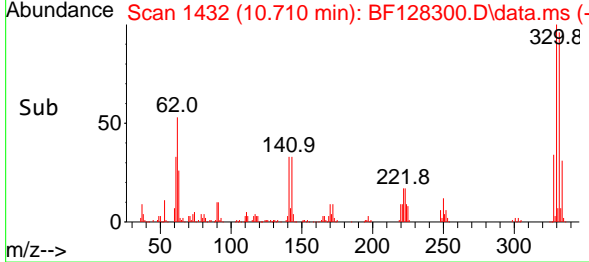
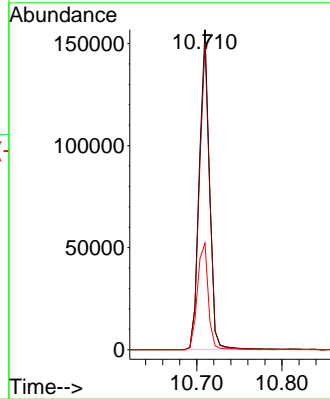


#42
 2,4,6-Tribromophenol
 Concen: 83.427 ng
 RT: 10.710 min Scan# 1432
 Delta R.T. -0.006 min
 Lab File: BF128300.D
 Acq: 17 May 2022 19:41

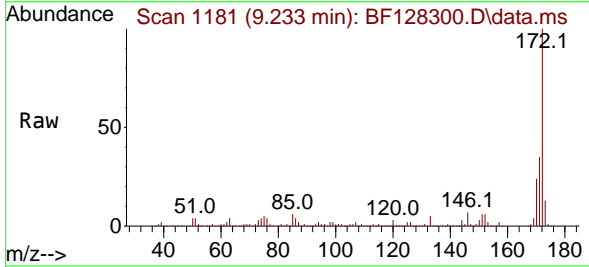
Instrument : BNA_F
 ClientSampleId : P003-SS006-0006-01



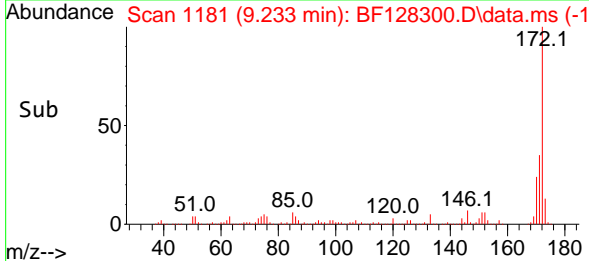
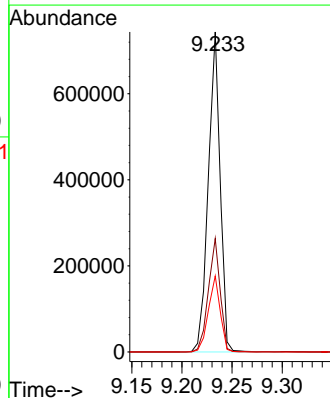
Tgt Ion:330 Resp: 130899
 Ion Ratio Lower Upper
 330 100
 332 95.9 79.0 118.4
 141 35.4 28.9 43.3

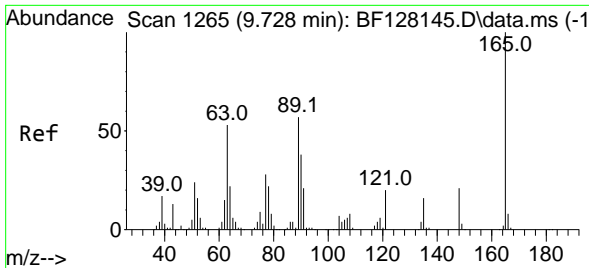


#45
 2-Fluorobiphenyl
 Concen: 70.472 ng
 RT: 9.233 min Scan# 1181
 Delta R.T. -0.006 min
 Lab File: BF128300.D
 Acq: 17 May 2022 19:41



Tgt Ion:172 Resp: 616169
 Ion Ratio Lower Upper
 172 100
 171 35.4 28.6 42.8
 170 23.7 19.1 28.7

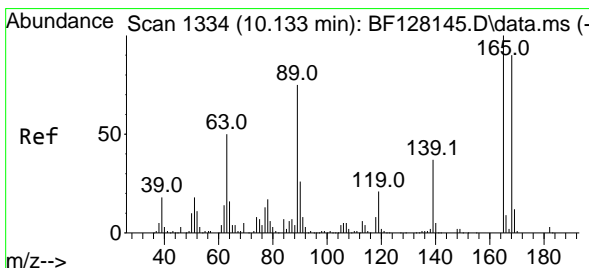
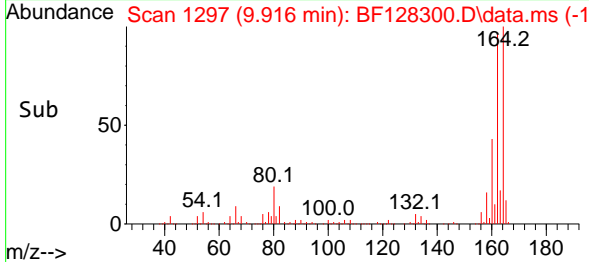
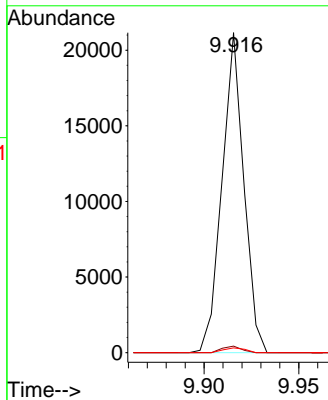
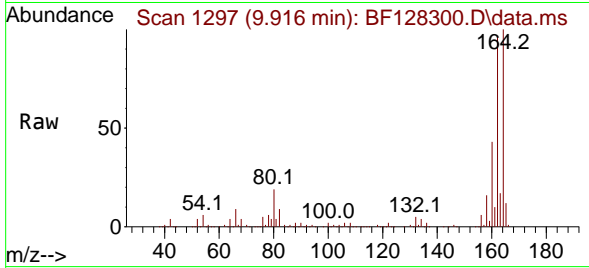




#51
 2,6-Dinitrotoluene
 Concen: 8.736 ng
 RT: 9.916 min Scan# 1297
 Delta R.T. 0.206 min
 Lab File: BF128300.D
 Acq: 17 May 2022 19:41

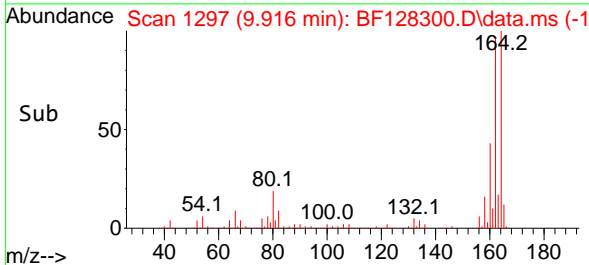
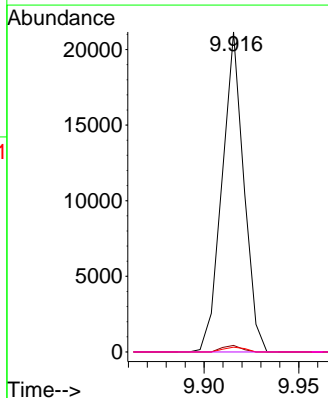
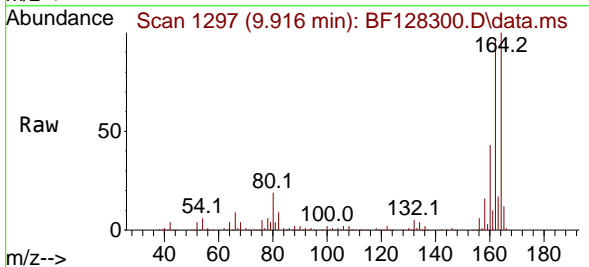
Instrument : BNA_F
 ClientSampleId : P003-SS006-0006-01

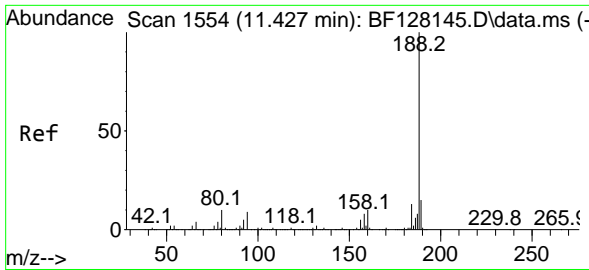
Tgt Ion	Resp	Lower	Upper
165	100		
63	2.0	49.5	74.3#
89	1.5	49.0	73.4#



#57
 2,4-Dinitrotoluene
 Concen: 6.533 ng
 RT: 9.916 min Scan# 1297
 Delta R.T. -0.206 min
 Lab File: BF128300.D
 Acq: 17 May 2022 19:41

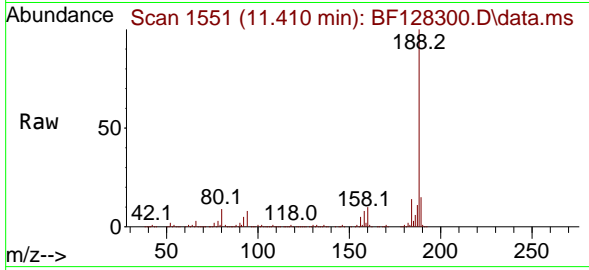
Tgt Ion	Resp	Lower	Upper
165	100		
63	2.0	32.6	49.0#
89	1.5	55.2	82.8#
182	0.0	2.0	3.0#



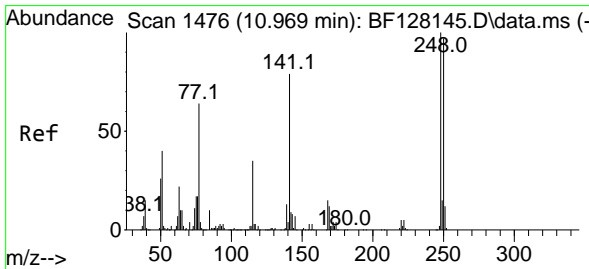
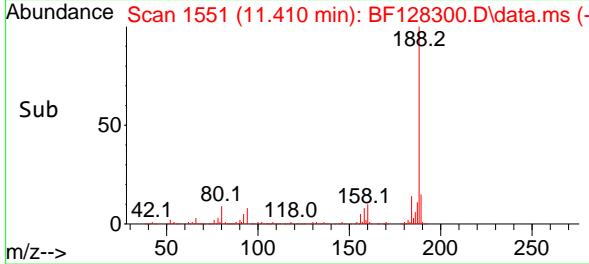
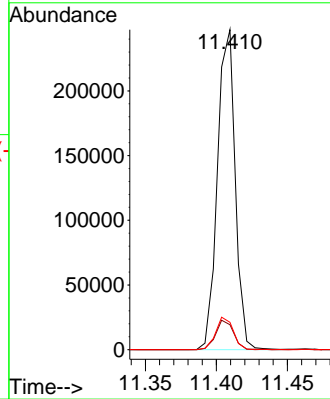


#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.410 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF128300.D
 Acq: 17 May 2022 19:41

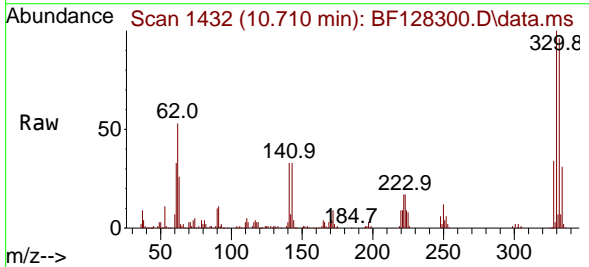
Instrument :
 BNA_F
 ClientSampleId :
 P003-SS006-0006-01



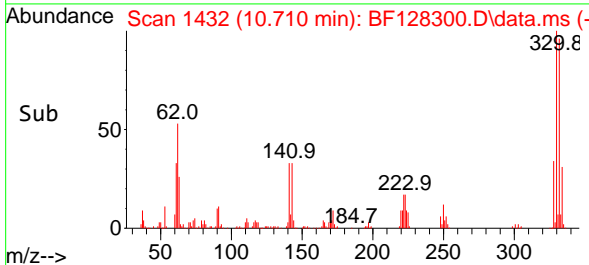
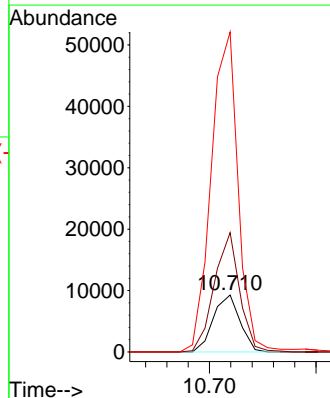
Tgt Ion:188 Resp: 214988
 Ion Ratio Lower Upper
 188 100
 94 7.8 8.0 12.0#
 80 8.6 8.9 13.3#

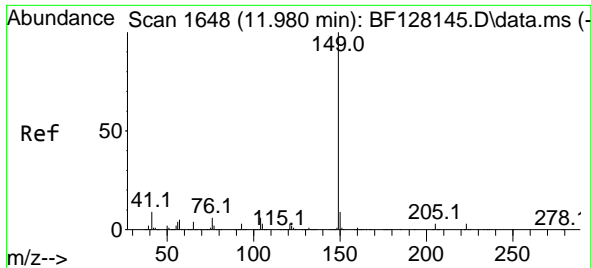


#67
 4-Bromophenyl-phenylether
 Concen: 3.482 ng
 RT: 10.710 min Scan# 1432
 Delta R.T. -0.247 min
 Lab File: BF128300.D
 Acq: 17 May 2022 19:41



Tgt Ion:248 Resp: 8054
 Ion Ratio Lower Upper
 248 100
 250 209.4 77.7 116.5#
 141 561.6 65.6 98.4#



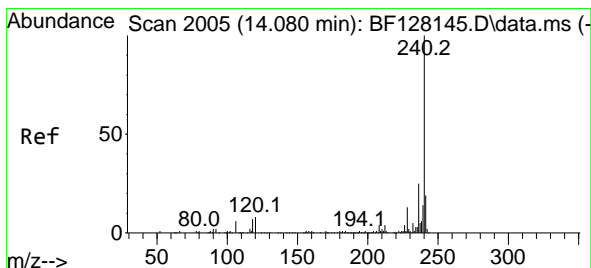
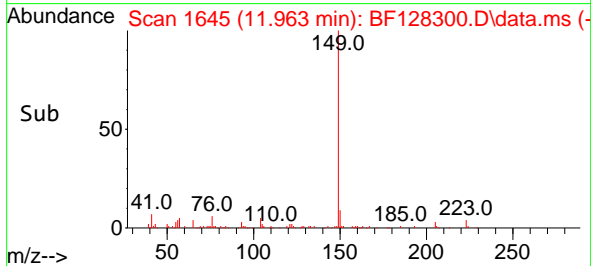
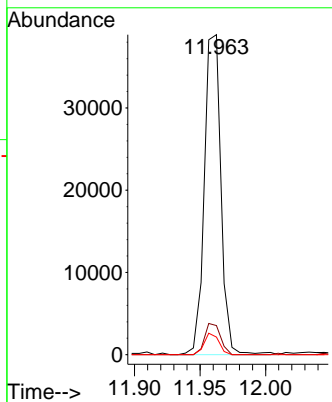
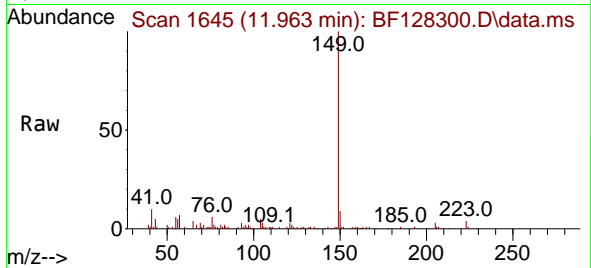


#74
 Di-n-butylphthalate
 Concen: 2.948 ng
 RT: 11.963 min Scan# 10
 Delta R.T. -0.006 min
 Lab File: BF128300.D
 Acq: 17 May 2022 19:41

Instrument :
 BNA_F
 ClientSampleId :
 P003-SS006-0006-01

Tgt Ion:149 Resp: 34498

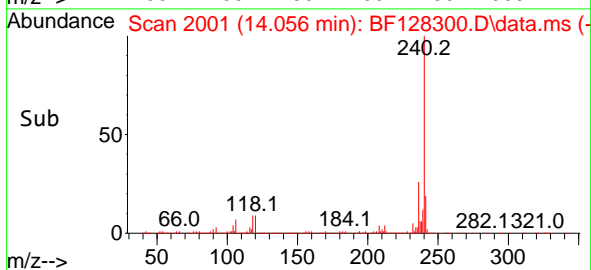
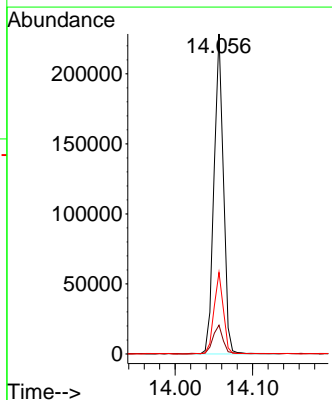
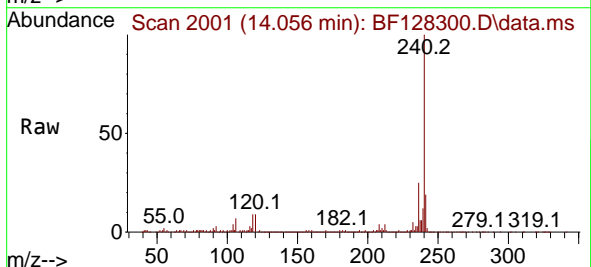
Ion	Ratio	Lower	Upper
149	100		
150	9.1	7.5	11.3
104	5.5	4.3	6.5

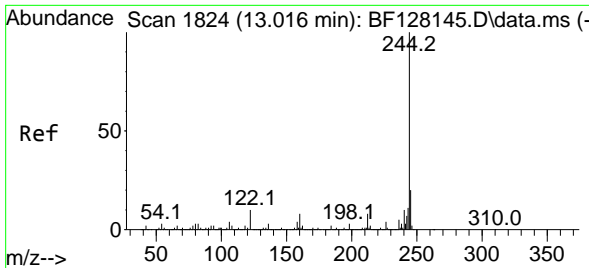


#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.056 min Scan# 2001
 Delta R.T. -0.006 min
 Lab File: BF128300.D
 Acq: 17 May 2022 19:41

Tgt Ion:240 Resp: 192867

Ion	Ratio	Lower	Upper
240	100		
120	9.0	7.0	10.6
236	25.5	20.3	30.5



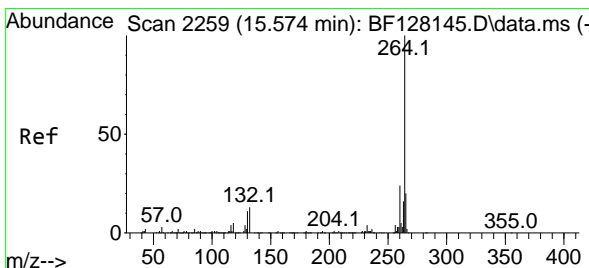
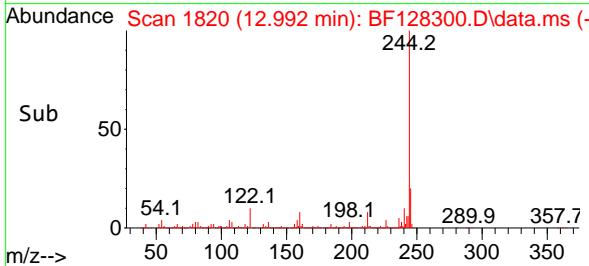
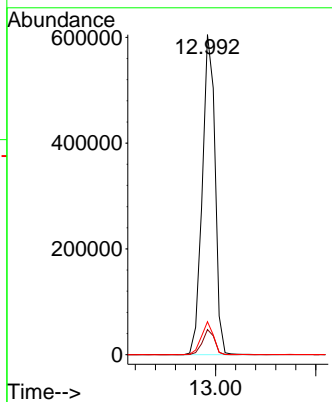
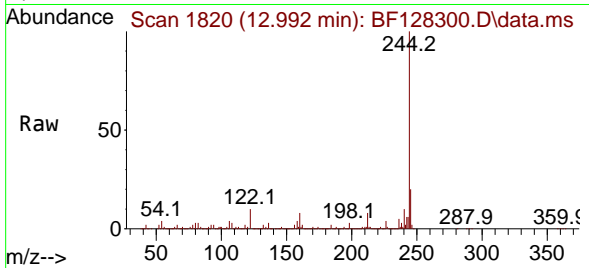


#79
 Terphenyl-d14
 Concen: 52.299 ng
 RT: 12.992 min Scan# 1824
 Delta R.T. -0.012 min
 Lab File: BF128300.D
 Acq: 17 May 2022 19:41

Instrument : BNA_F
 ClientSampleId : P003-SS006-0006-01

Tgt Ion:244 Resp: 537549

Ion	Ratio	Lower	Upper
244	100		
212	7.9	6.2	9.4
122	10.3	8.6	12.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.551 min Scan# 2255
 Delta R.T. -0.006 min
 Lab File: BF128300.D
 Acq: 17 May 2022 19:41

Tgt Ion:264 Resp: 141032

Ion	Ratio	Lower	Upper
264	100		
260	23.1	20.1	30.1
265	21.3	17.5	26.3

