

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050421\
 Data File : BF123815.D
 Acq On : 4 May 2021 18:48
 Operator : JU/CG
 Sample : M2256-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 R1-A-D-COMP

Quant Time: May 05 05:12:59 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 04 12:58:27 2021
 Response via : Initial Calibration

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

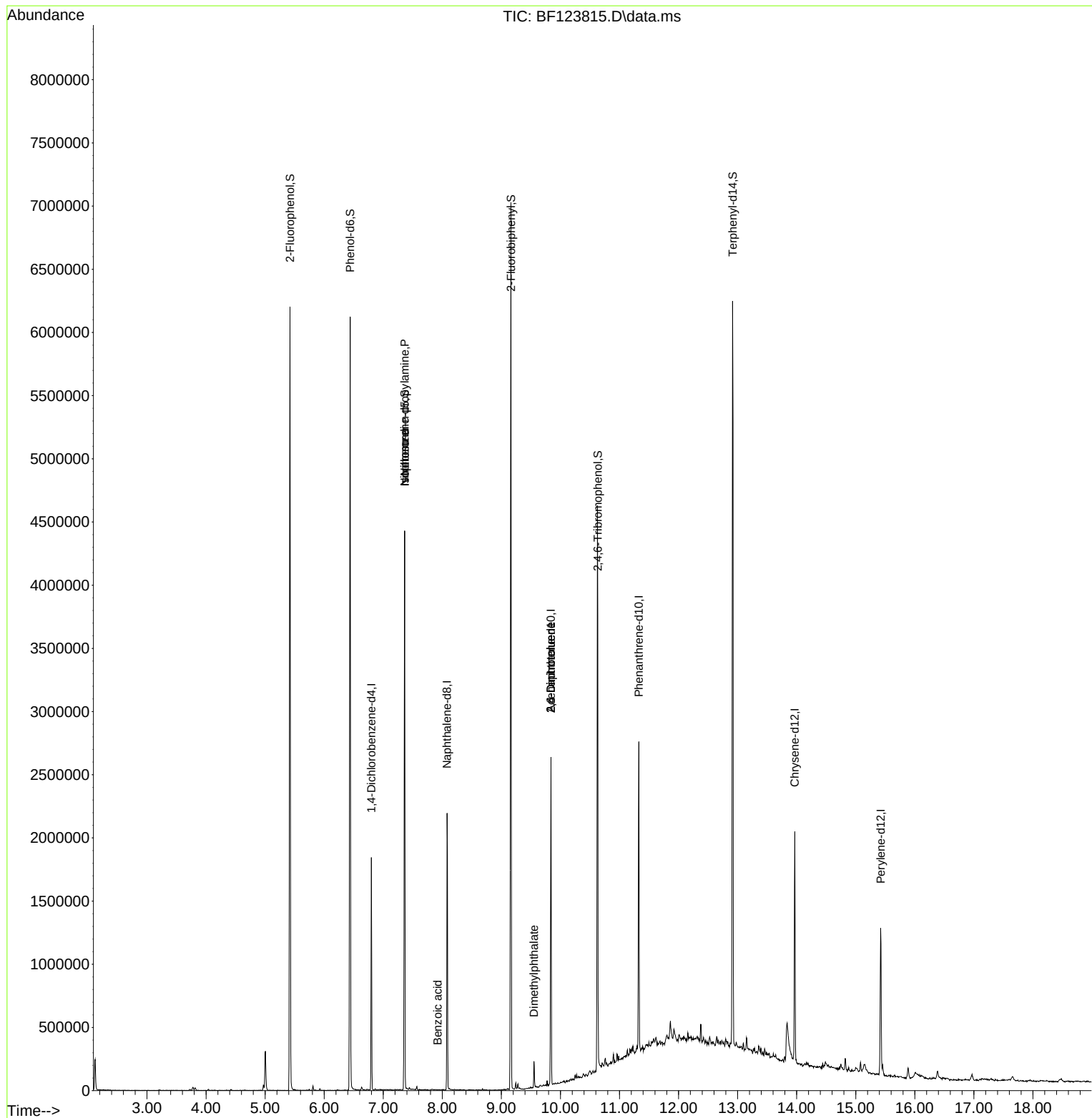
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.798	152	225840	20.00	ng	-0.01
21) Naphthalene-d8	8.080	136	858181	20.00	ng	#-0.02
39) Acenaphthene-d10	9.839	164	437354	20.00	ng	-0.01
64) Phenanthrene-d10	11.327	188	840327	20.00	ng	-0.01
76) Chrysene-d12	13.968	240	614814	20.00	ng	-0.02
86) Perylene-d12	15.421	264	519884	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	1360691	95.45	ng	0.00
7) Phenol-d6	6.439	99	1798253	91.57	ng	0.00
23) Nitrobenzene-d5	7.363	82	1277483	67.20	ng	-0.01
42) 2,4,6-Tribromophenol	10.633	330	523233	96.10	ng	-0.01
45) 2-Fluorobiphenyl	9.163	172	1932083	64.33	ng	-0.01
79) Terphenyl-d14	12.915	244	2043288	64.00	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.363	70	168803	13.92	ng	# 74
25) Isophorone	7.363	82	1277456	35.84	ng	# 69
32) Benzoic acid	7.922	122	123	5.40	ng	# 1
50) Dimethylphthalate	9.551	163	68243	2.22	ng	97
51) 2,6-Dinitrotoluene	9.839	165	58005	8.14	ng	# 11
57) 2,4-Dinitrotoluene	9.839	165	58005	5.97	ng	# 17

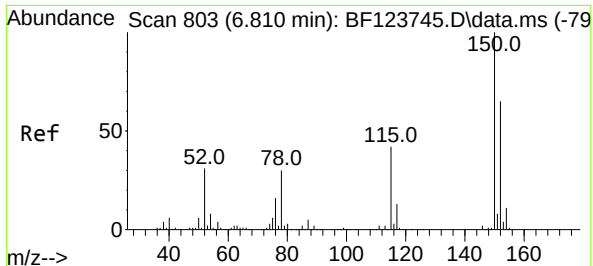
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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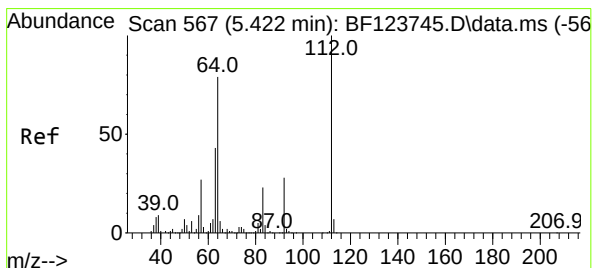
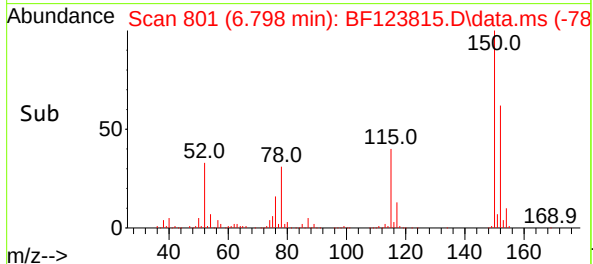
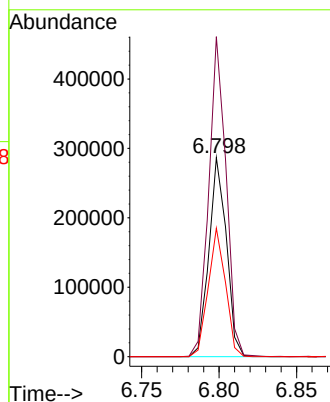
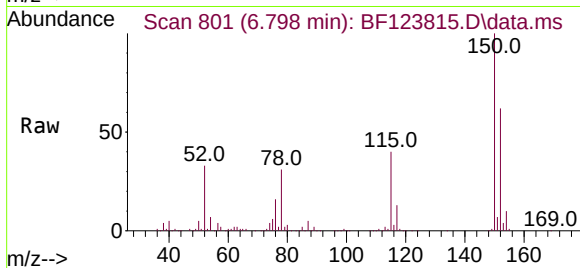




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.798 min Scan# 801
Delta R.T. -0.012 min
Lab File: BF123815.D
Acq: 4 May 2021 18:48

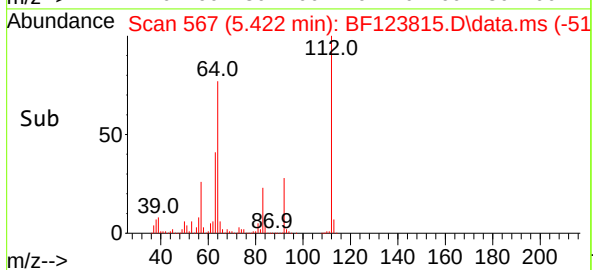
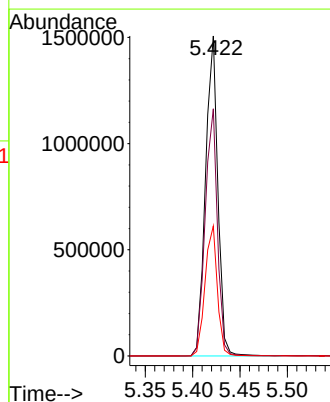
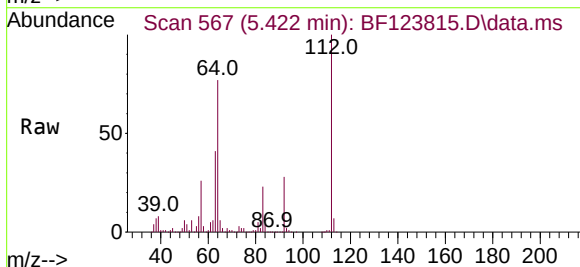
Instrument :
BNA_F
ClientSampleId :
R1-A-D-COMP

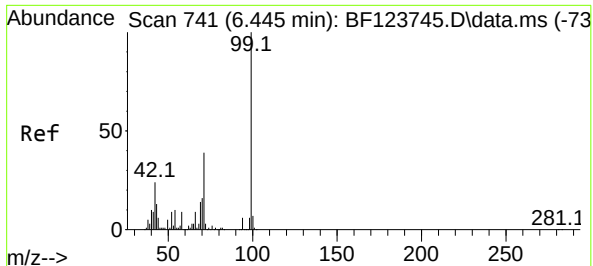
Tgt Ion:152 Resp: 225840
Ion Ratio Lower Upper
152 100
150 160.7 127.0 190.6
115 64.5 54.3 81.5



#5
2-Fluorophenol
Concen: 95.45 ng
RT: 5.422 min Scan# 567
Delta R.T. -0.000 min
Lab File: BF123815.D
Acq: 4 May 2021 18:48

Tgt Ion:112 Resp: 1360691
Ion Ratio Lower Upper
112 100
64 77.3 61.4 92.0
63 40.6 33.0 49.4



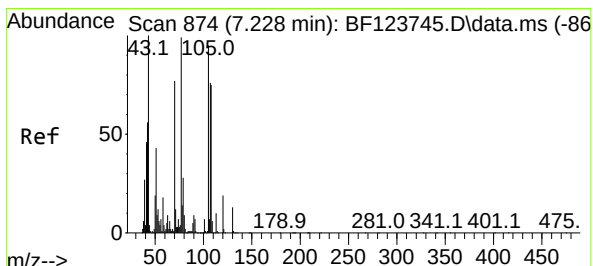
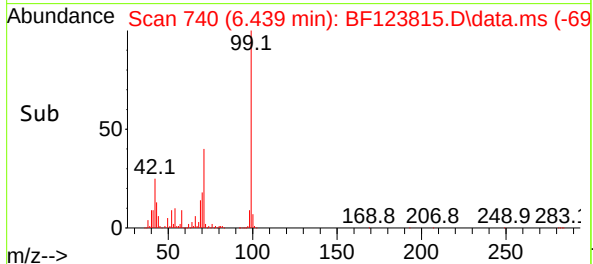
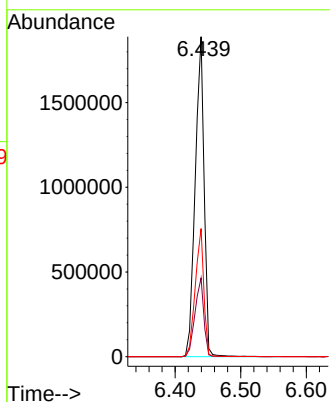
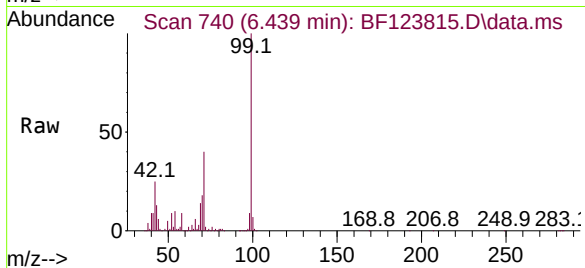


#7
Phenol-d6
Concen: 91.57 ng
RT: 6.439 min Scan# 740
Delta R.T. -0.006 min
Lab File: BF123815.D
Acq: 4 May 2021 18:48

Instrument :
BNA_F
ClientSampleId :
R1-A-D-COMP

Tgt Ion: 99 Resp: 1798253

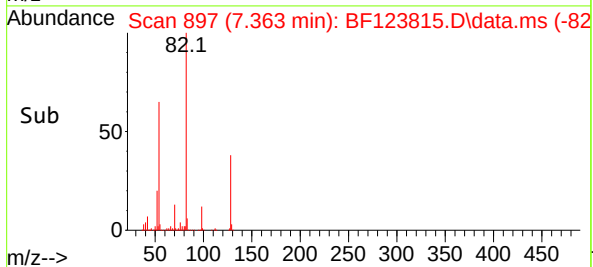
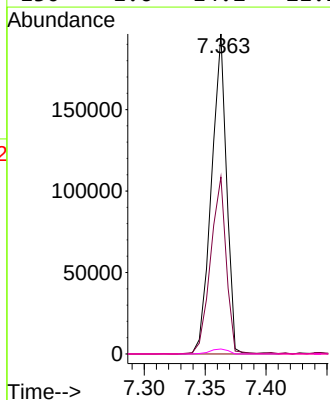
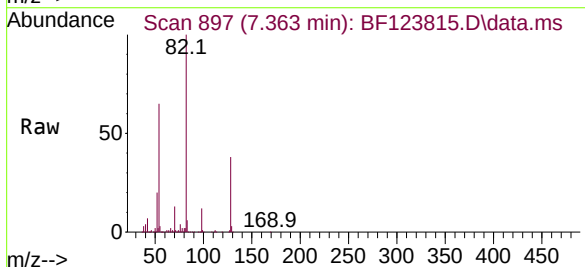
Ion	Ratio	Lower	Upper
99	100		
42	24.6	19.8	29.8
71	40.0	31.1	46.7

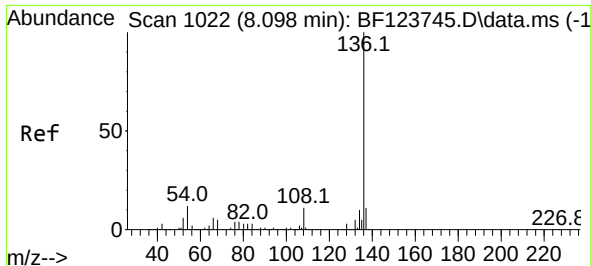


#19
n-Nitroso-di-n-propylamine
Concen: 13.92 ng
RT: 7.363 min Scan# 897
Delta R.T. 0.135 min
Lab File: BF123815.D
Acq: 4 May 2021 18:48

Tgt Ion: 70 Resp: 168803

Ion	Ratio	Lower	Upper
70	100		
42	55.3	60.1	90.1#
101	0.0	7.4	11.2#
130	1.6	14.2	21.2#



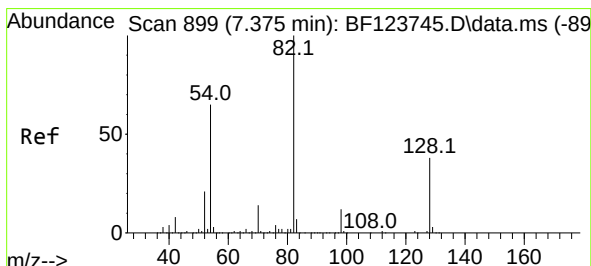
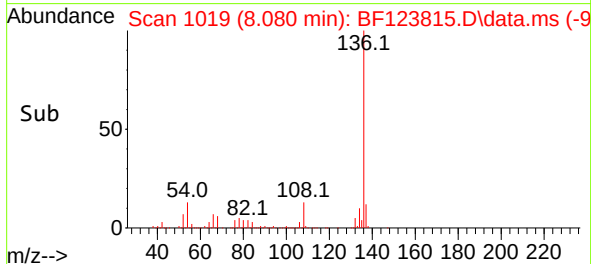
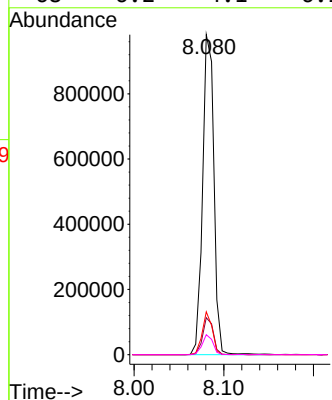
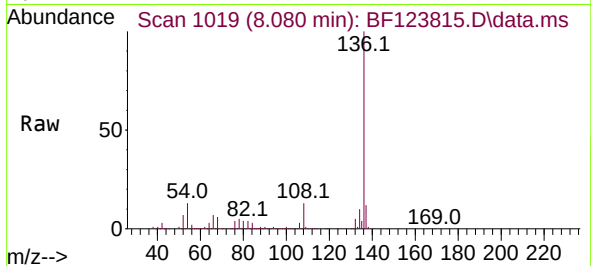


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.080 min Scan# 1019
Delta R.T. -0.018 min
Lab File: BF123815.D
Acq: 4 May 2021 18:48

Instrument :
BNA_F
ClientSampleId :
R1-A-D-COMP

Tgt Ion:136 Resp: 858181

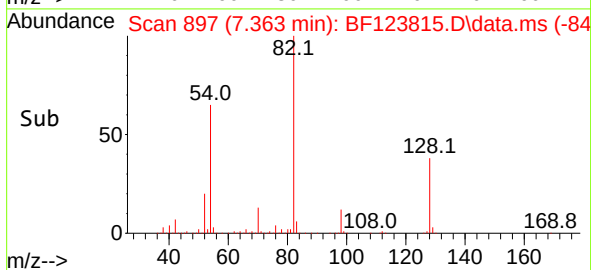
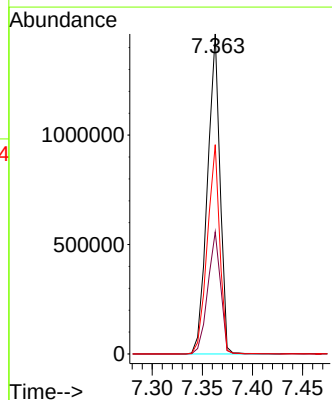
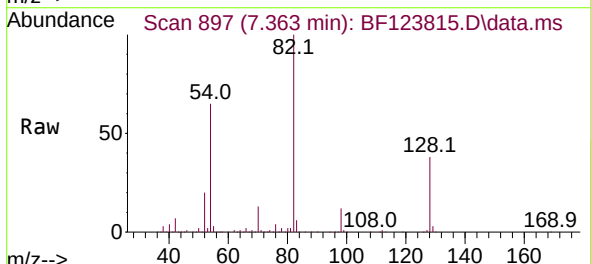
Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.7	13.1
54	13.4	9.8	14.6
68	6.2	4.1	6.1

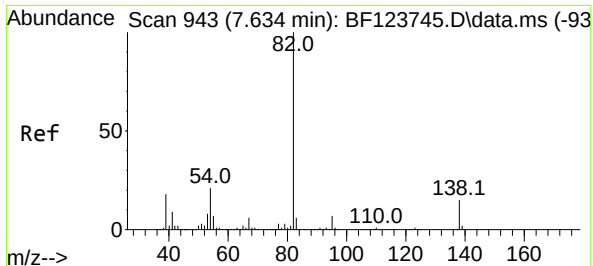


#23
Nitrobenzene-d5
Concen: 67.20 ng
RT: 7.363 min Scan# 897
Delta R.T. -0.012 min
Lab File: BF123815.D
Acq: 4 May 2021 18:48

Tgt Ion: 82 Resp: 1277483

Ion	Ratio	Lower	Upper
82	100		
128	38.1	29.4	44.2
54	65.4	54.1	81.1

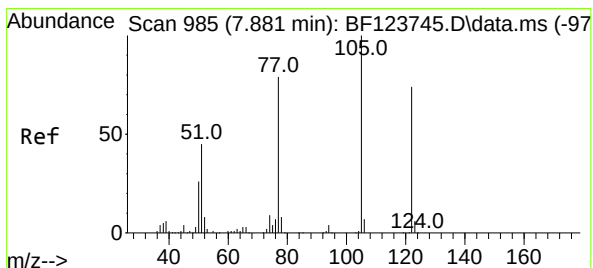
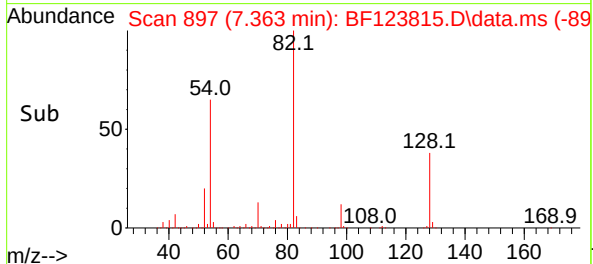
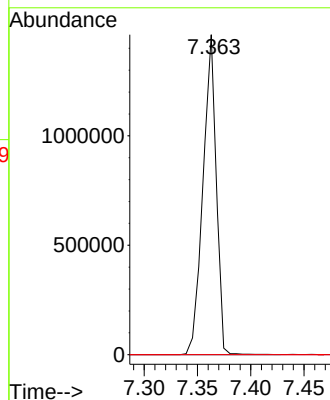
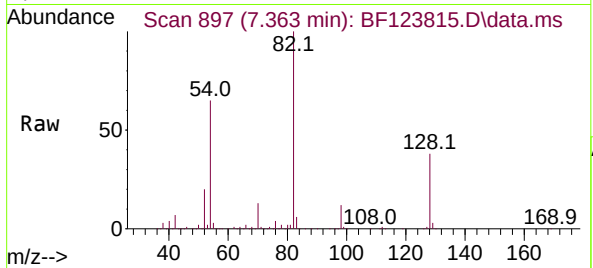




#25
Isophorone
Concen: 35.84 ng
RT: 7.363 min Scan# 897
Delta R.T. -0.271 min
Lab File: BF123815.D
Acq: 4 May 2021 18:48

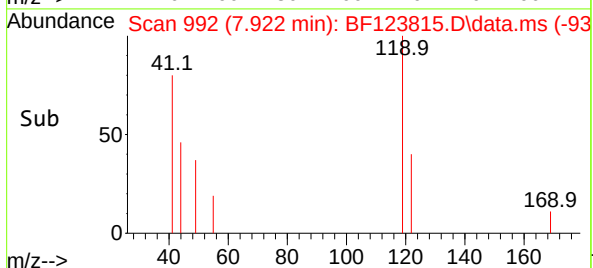
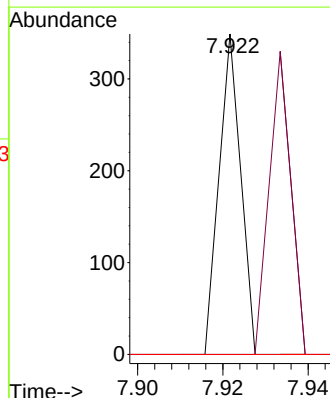
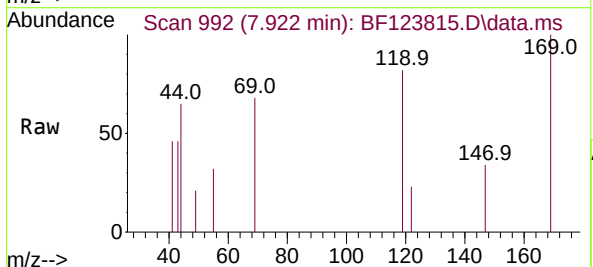
Instrument :
BNA_F
ClientSampleId :
R1-A-D-COMP

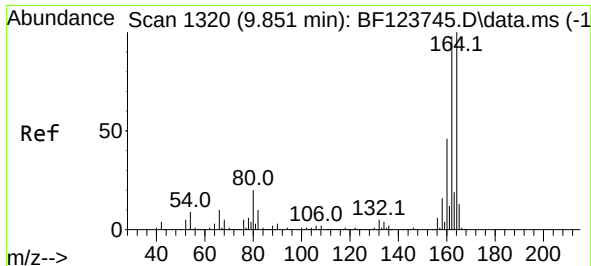
Tgt Ion: 82 Resp: 1277456
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 11.8 17.8#



#32
Benzoic acid
Concen: 5.40 ng
RT: 7.922 min Scan# 992
Delta R.T. 0.041 min
Lab File: BF123815.D
Acq: 4 May 2021 18:48

Tgt Ion:122 Resp: 123
Ion Ratio Lower Upper
122 100
105 0.0 107.8 147.8#
77 0.0 81.6 121.6#





#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.839 min Scan# 1318

Delta R.T. -0.012 min

Lab File: BF123815.D

Acq: 4 May 2021 18:48

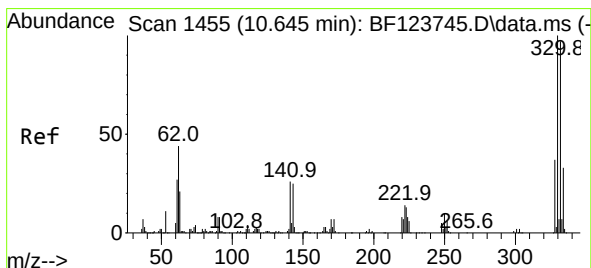
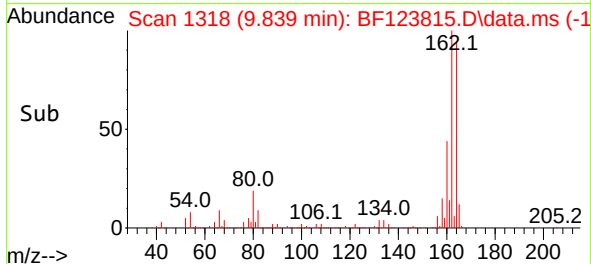
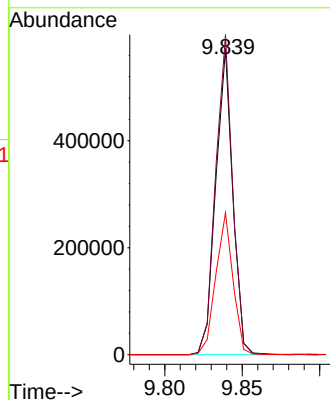
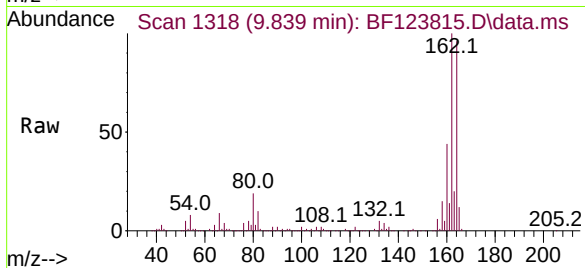
Tgt Ion:164 Resp: 437354

Ion Ratio Lower Upper

164 100

162 104.6 80.7 121.1

160 46.4 37.3 55.9



#42

2,4,6-Tribromophenol

Concen: 96.10 ng

RT: 10.633 min Scan# 1453

Delta R.T. -0.012 min

Lab File: BF123815.D

Acq: 4 May 2021 18:48

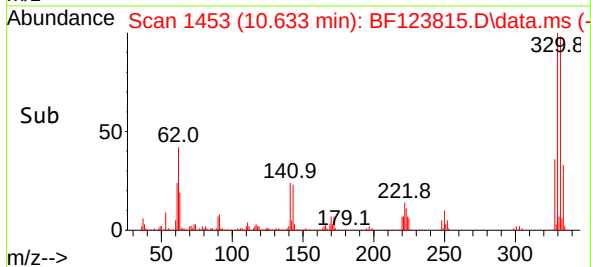
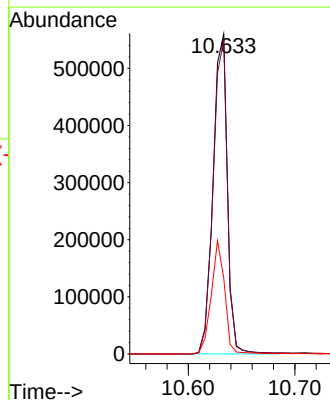
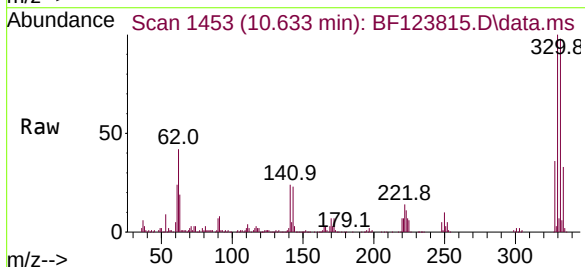
Tgt Ion:330 Resp: 523233

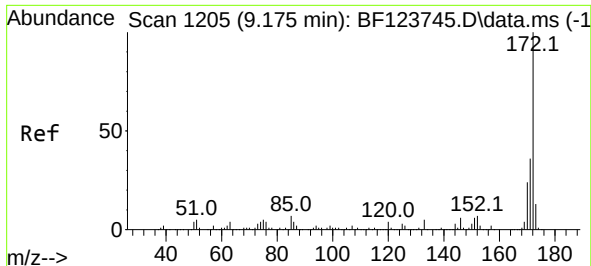
Ion Ratio Lower Upper

330 100

332 98.1 77.1 115.7

141 33.2 27.9 41.9



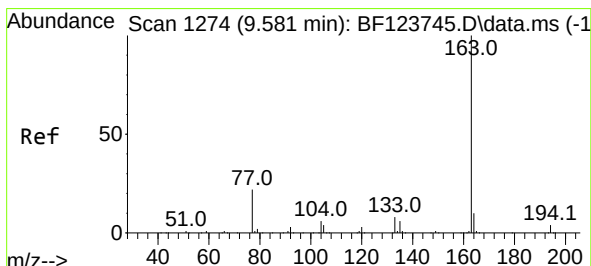
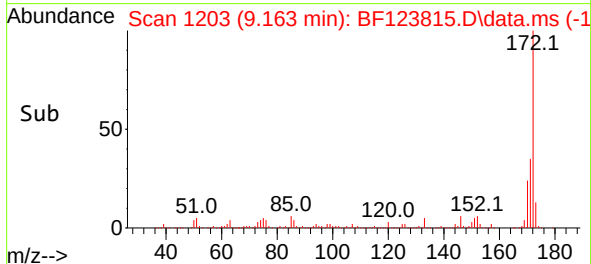
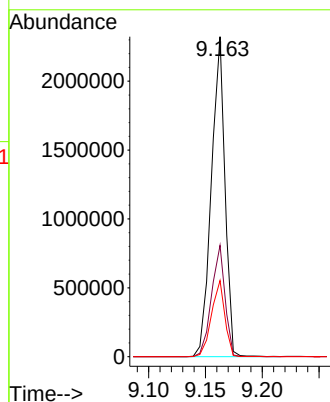
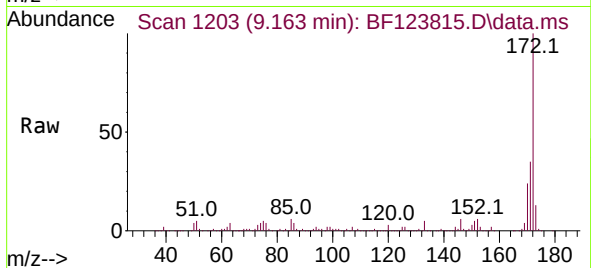


#45
2-Fluorobiphenyl
Concen: 64.33 ng
RT: 9.163 min Scan# 1203
Delta R.T. -0.012 min
Lab File: BF123815.D
Acq: 4 May 2021 18:48

Instrument :
BNA_F
ClientSampleId :
R1-A-D-COMP

Tgt Ion:172 Resp: 1932083

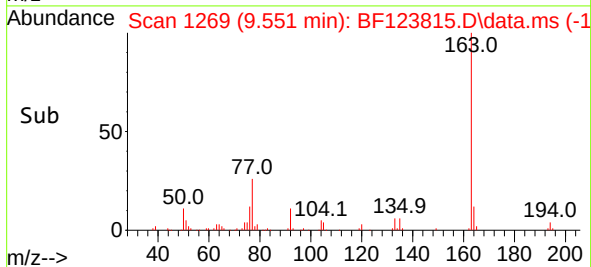
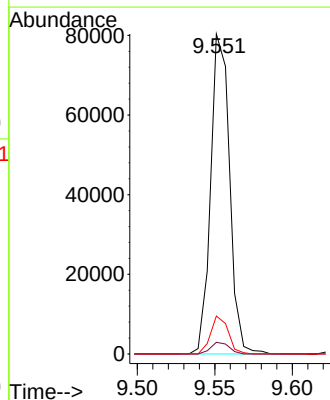
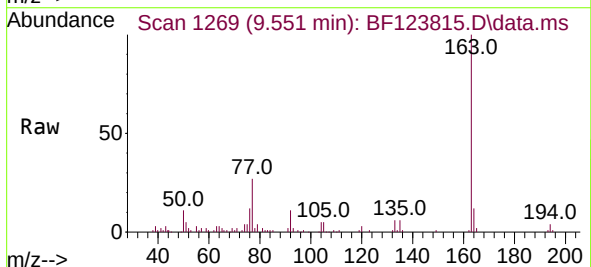
Ion	Ratio	Lower	Upper
172	100		
171	34.8	28.1	42.1
170	23.8	19.2	28.8

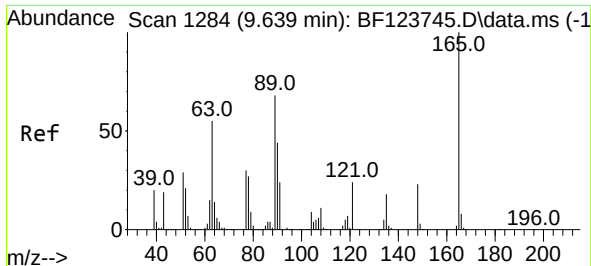


#50
Dimethylphthalate
Concen: 2.22 ng
RT: 9.551 min Scan# 1269
Delta R.T. -0.030 min
Lab File: BF123815.D
Acq: 4 May 2021 18:48

Tgt Ion:163 Resp: 68243

Ion	Ratio	Lower	Upper
163	100		
194	3.7	3.1	4.7
164	11.9	8.2	12.2

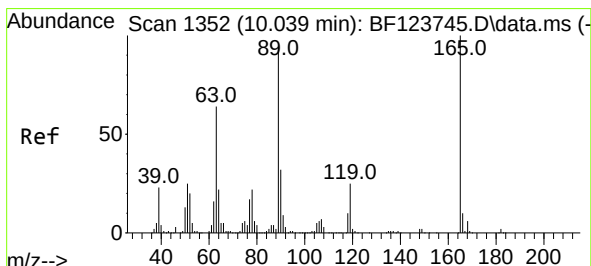
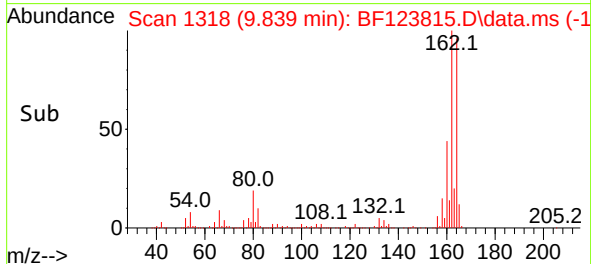
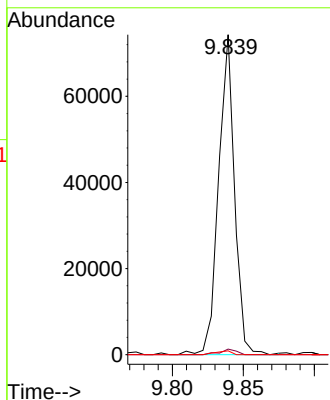
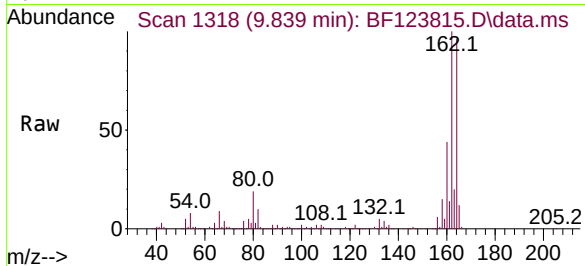




#51
2,6-Dinitrotoluene
Concen: 8.14 ng
RT: 9.839 min Scan# 1318
Delta R.T. 0.200 min
Lab File: BF123815.D
Acq: 4 May 2021 18:48

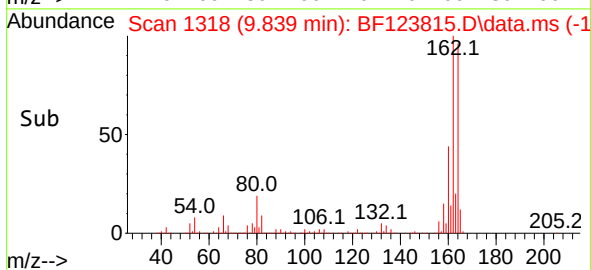
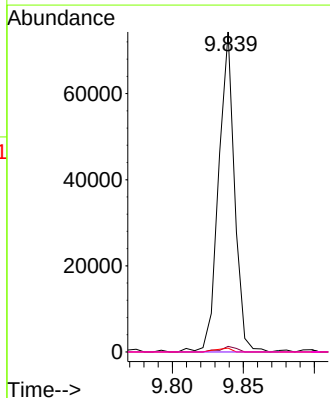
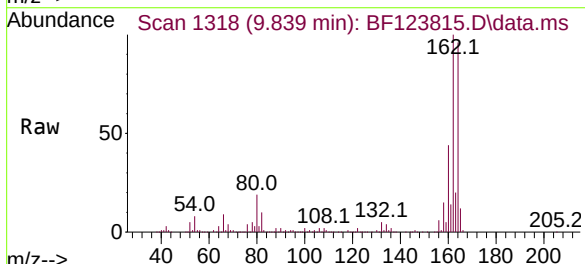
Instrument :
BNA_F
ClientSampleId :
R1-A-D-COMP

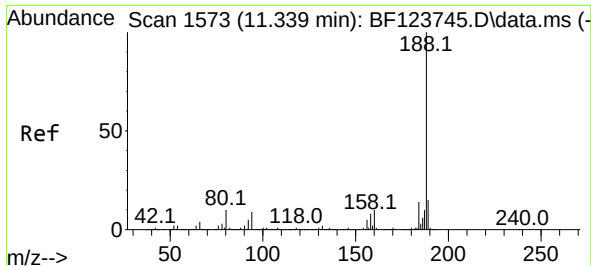
Tgt Ion:165 Resp: 58005
Ion Ratio Lower Upper
165 100
63 1.8 67.7 101.5#
89 1.2 58.8 88.2#



#57
2,4-Dinitrotoluene
Concen: 5.97 ng
RT: 9.839 min Scan# 1318
Delta R.T. -0.200 min
Lab File: BF123815.D
Acq: 4 May 2021 18:48

Tgt Ion:165 Resp: 58005
Ion Ratio Lower Upper
165 100
63 1.8 43.5 65.3#
89 1.2 67.7 101.5#
182 0.0 2.1 3.1#

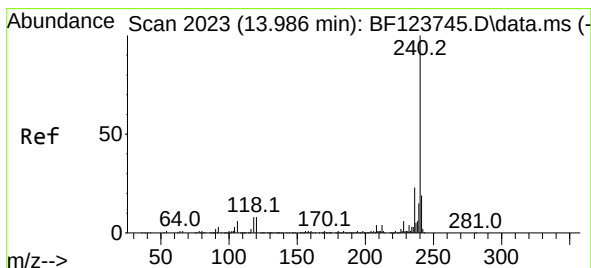
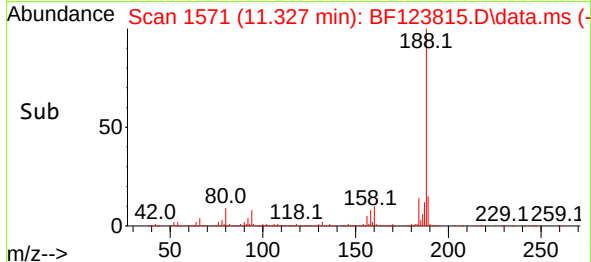
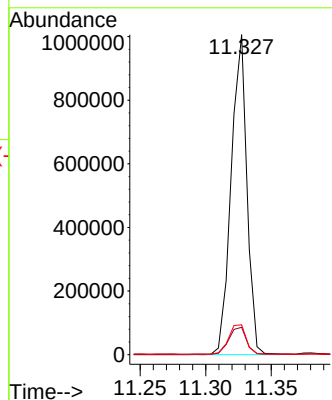
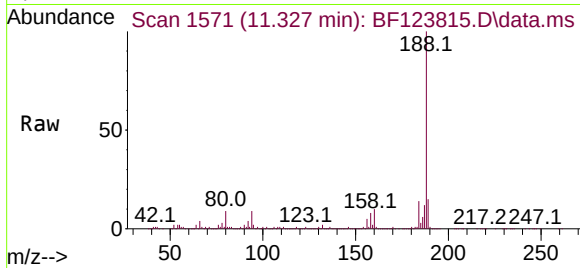




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.327 min Scan# 1571
Delta R.T. -0.012 min
Lab File: BF123815.D
Acq: 4 May 2021 18:48

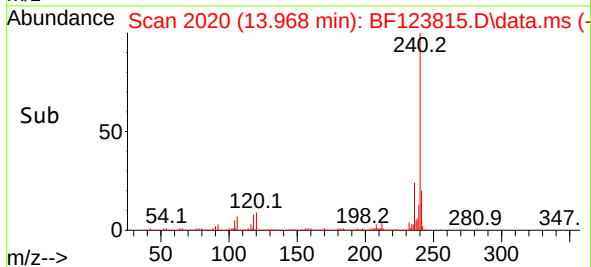
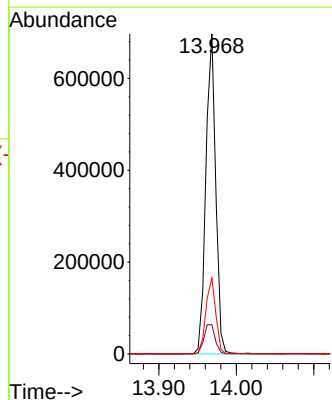
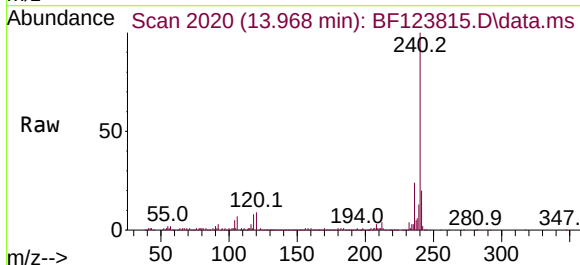
Instrument :
BNA_F
ClientSampleId :
R1-A-D-COMP

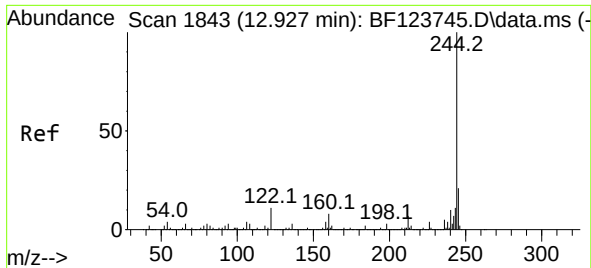
Tgt Ion:188 Resp: 840327
Ion Ratio Lower Upper
188 100
94 8.6 6.9 10.3
80 9.4 8.2 12.2



#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.968 min Scan# 2020
Delta R.T. -0.018 min
Lab File: BF123815.D
Acq: 4 May 2021 18:48

Tgt Ion:240 Resp: 614814
Ion Ratio Lower Upper
240 100
120 9.2 7.2 10.8
236 23.8 19.0 28.4

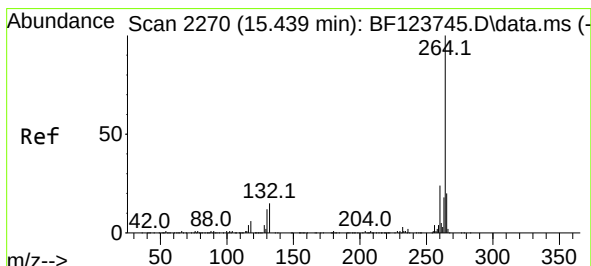
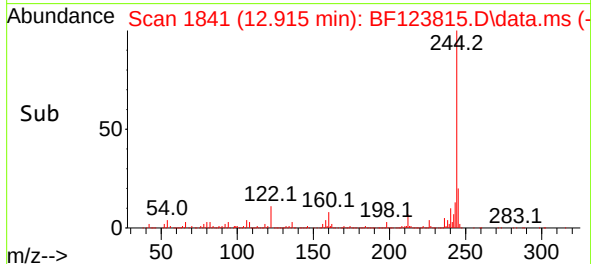
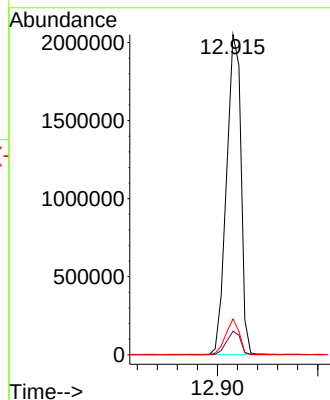
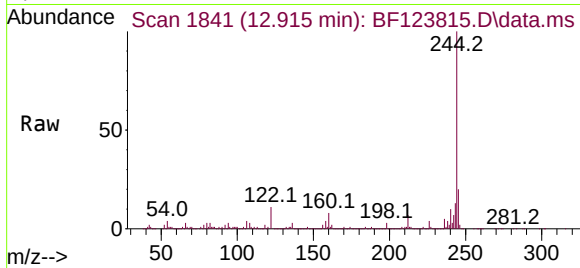




#79
Terphenyl-d14
Concen: 64.00 ng
RT: 12.915 min Scan# 1841
Delta R.T. -0.012 min
Lab File: BF123815.D
Acq: 4 May 2021 18:48

Instrument :
BNA_F
ClientSampleId :
R1-A-D-COMP

Tgt Ion:244 Resp: 2043288
Ion Ratio Lower Upper
244 100
212 7.3 5.7 8.5
122 11.2 9.7 14.5



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.421 min Scan# 2267
Delta R.T. -0.018 min
Lab File: BF123815.D
Acq: 4 May 2021 18:48

Tgt Ion:264 Resp: 519884
Ion Ratio Lower Upper
264 100
260 24.5 18.7 28.1
265 22.6 17.8 26.8

