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 Data File : BF124268.D
 Acq On : 11 Jun 2021 19:06
 Operator : JU/CG
 Sample : M2625-04
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 18-B12(150-154)

Quant Time: Jun 11 23:46:30 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 10 01:53:56 2021
 Response via : Initial Calibration

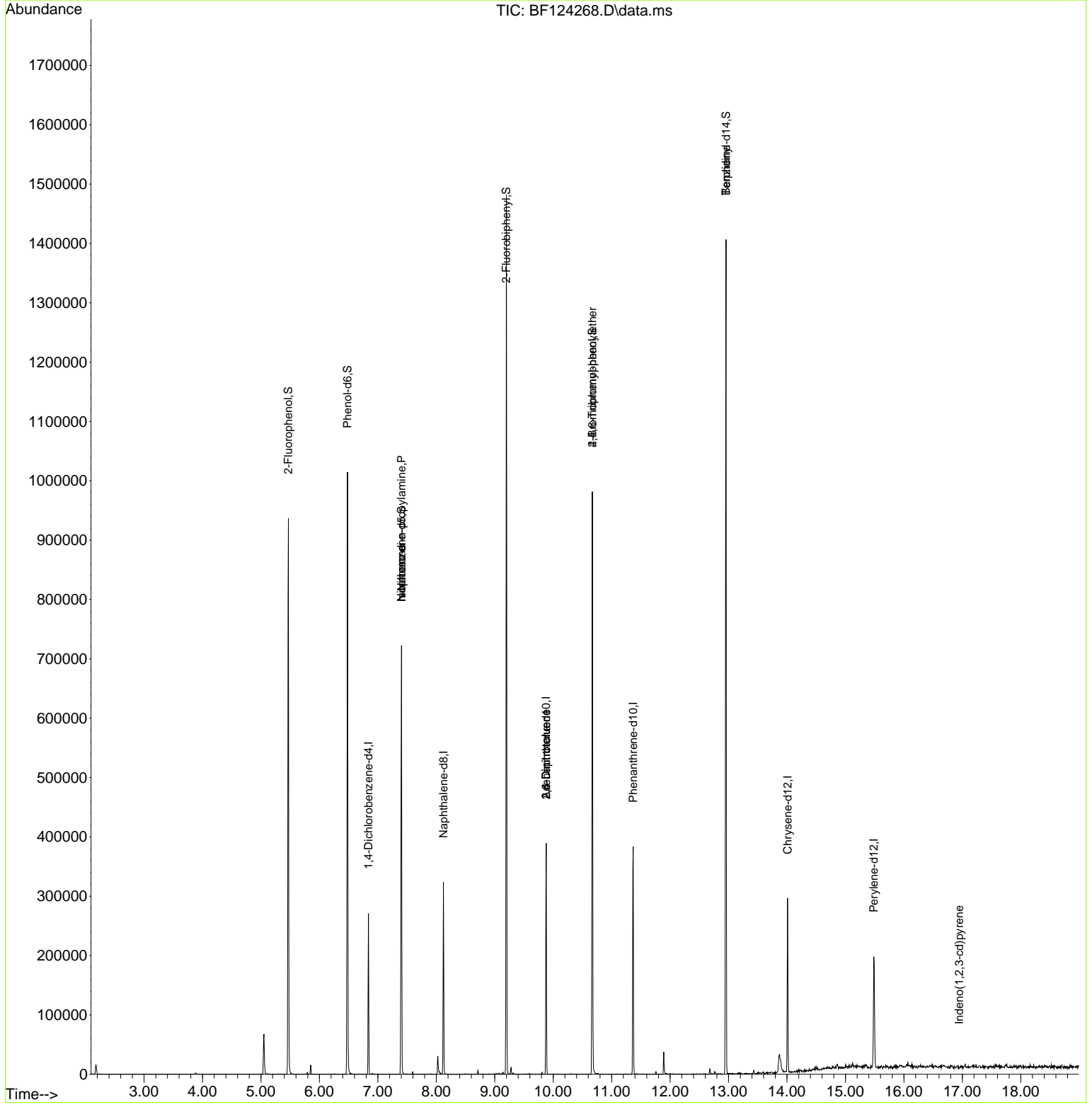
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.839	152	30460	20.00	ng	-0.01
21) Naphthalene-d8	8.122	136	115747	20.00	ng	-0.01
39) Acenaphthene-d10	9.880	164	68144	20.00	ng	-0.01
64) Phenanthrene-d10	11.368	188	132878	20.00	ng	0.00
76) Chrysene-d12	14.009	240	89464	20.00	ng	-0.01
86) Perylene-d12	15.486	264	80262	20.00	ng	# 0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	206781	102.19	ng	-0.01
7) Phenol-d6	6.481	99	258549	95.06	ng	-0.02
23) Nitrobenzene-d5	7.404	82	196300	67.26	ng	-0.01
42) 2,4,6-Tribromophenol	10.669	330	98910	102.45	ng	-0.01
45) 2-Fluorobiphenyl	9.198	172	362246	66.89	ng	-0.01
79) Terphenyl-d14	12.957	244	426792	65.50	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.404	70	28825	15.01	ng	# 66
25) Isophorone	7.404	82	196297	37.33	ng	# 69
51) 2,6-Dinitrotoluene	9.880	165	9025	6.98	ng	# 10
57) 2,4-Dinitrotoluene	9.880	165	9025	5.29	ng	# 15
67) 4-Bromophenyl-phenylether	10.669	248	6726	3.69	ng	# 1
77) Benzidine	12.957	184	7527	7.37	ng	# 97
87) Indeno(1,2,3-cd)pyrene	16.945	276	144	4.35	ng	# 53

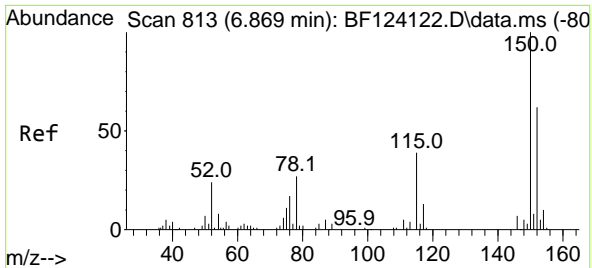
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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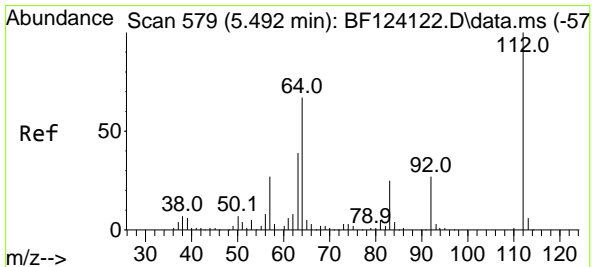
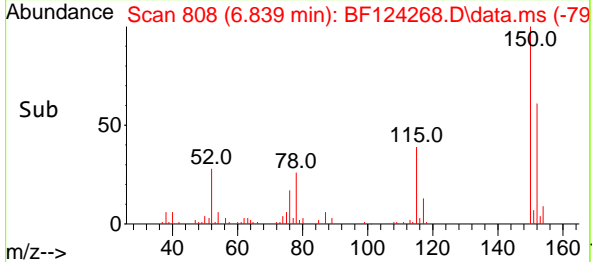
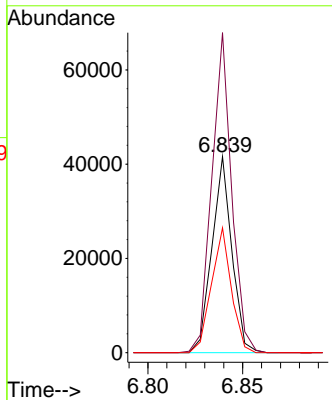
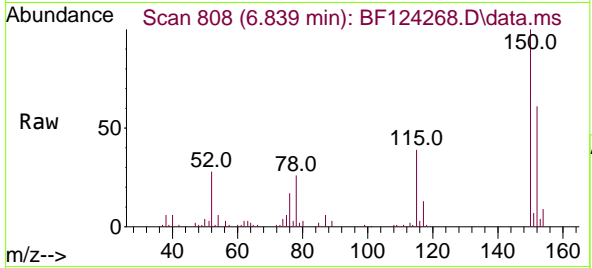


#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.839 min Scan# 808
 Delta R.T. -0.012 min
 Lab File: BF124268.D
 Acq: 11 Jun 2021 19:06

Instrument :
 BNA_F
 ClientSampled :
 18-B12(150-154)

Tgt Ion:152 Resp: 30460

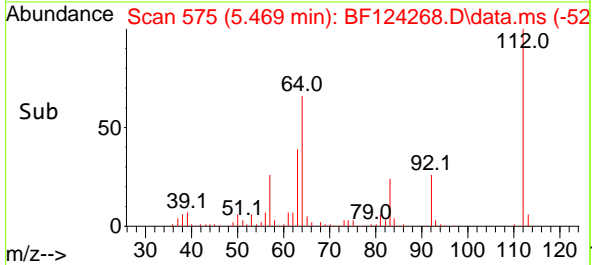
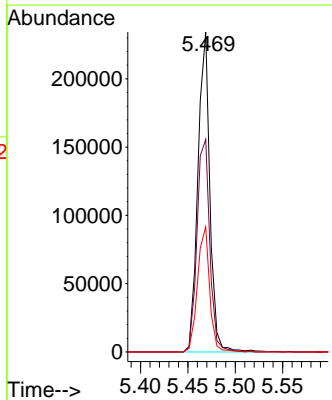
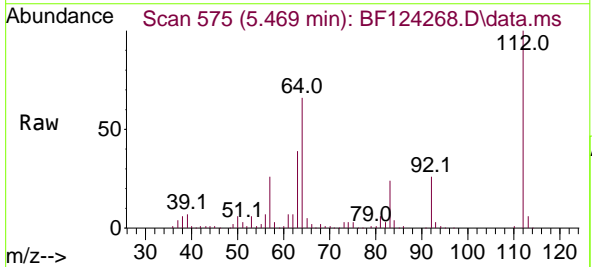
Ion	Ratio	Lower	Upper
152	100		
150	163.1	127.0	190.6
115	63.7	54.3	81.5

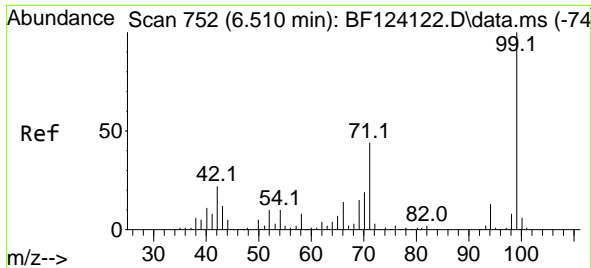


#5
 2-Fluorophenol
 Concen: 102.19 ng
 RT: 5.469 min Scan# 575
 Delta R.T. -0.012 min
 Lab File: BF124268.D
 Acq: 11 Jun 2021 19:06

Tgt Ion:112 Resp: 206781

Ion	Ratio	Lower	Upper
112	100		
64	66.5	61.4	92.0
63	39.1	33.0	49.4

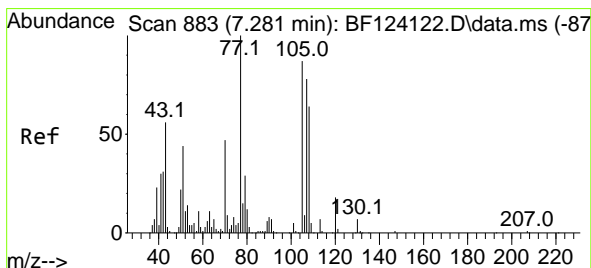
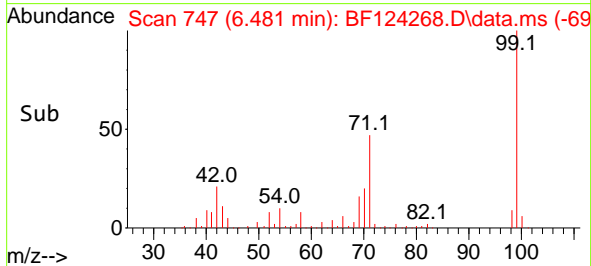
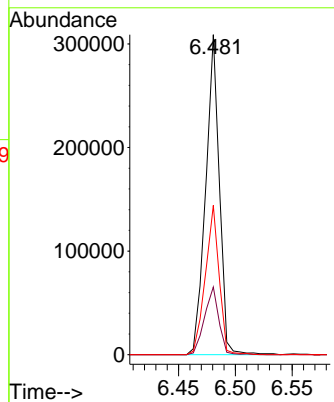
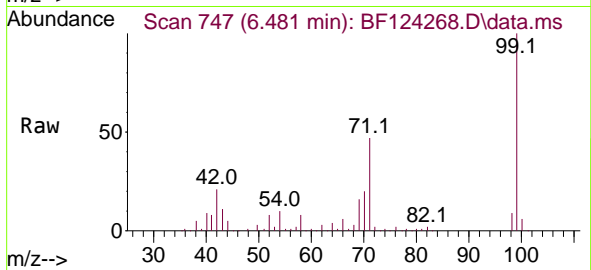




#7
 Phenol-d6
 Concen: 95.06 ng
 RT: 6.481 min Scan# 747
 Delta R.T. -0.018 min
 Lab File: BF124268.D
 Acq: 11 Jun 2021 19:06

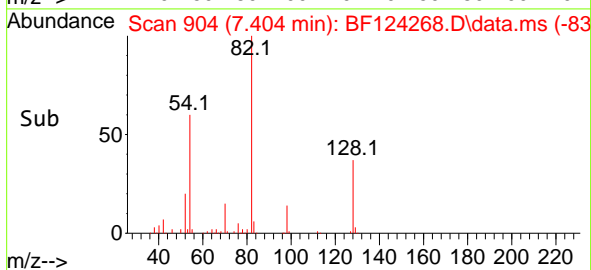
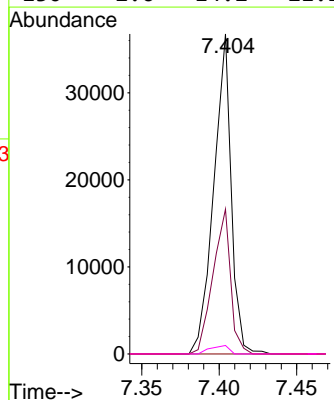
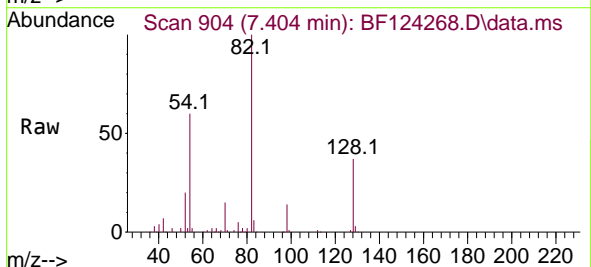
Instrument :
 BNA_F
 ClientSampled :
 18-B12(150-154)

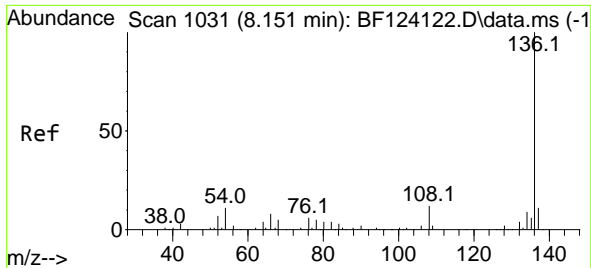
Tgt Ion: 99 Resp: 258549
 Ion Ratio Lower Upper
 99 100
 42 21.1 19.8 29.8
 71 46.6 31.1 46.7



#19
 n-Nitroso-di-n-propylamine
 Concen: 15.01 ng
 RT: 7.404 min Scan# 904
 Delta R.T. 0.135 min
 Lab File: BF124268.D
 Acq: 11 Jun 2021 19:06

Tgt Ion: 70 Resp: 28825
 Ion Ratio Lower Upper
 70 100
 42 45.2 60.1 90.1#
 101 0.0 7.4 11.2#
 130 2.6 14.2 21.2#



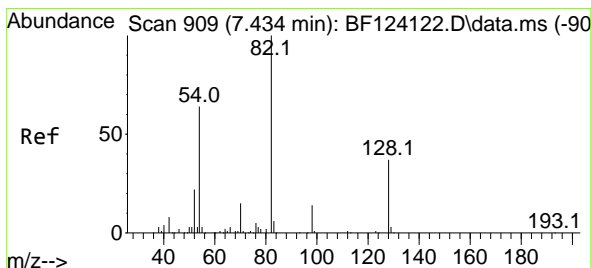
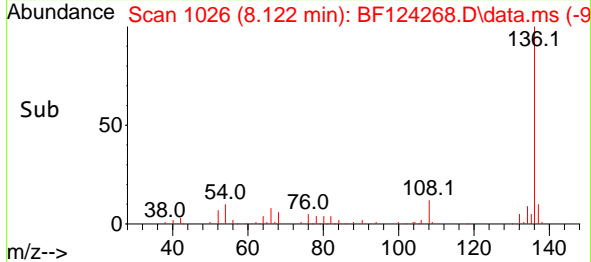
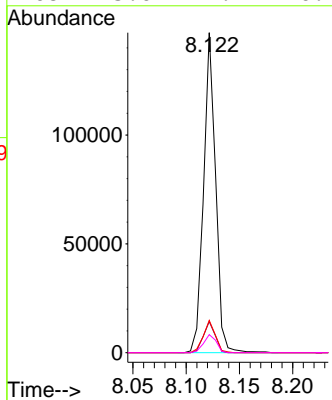
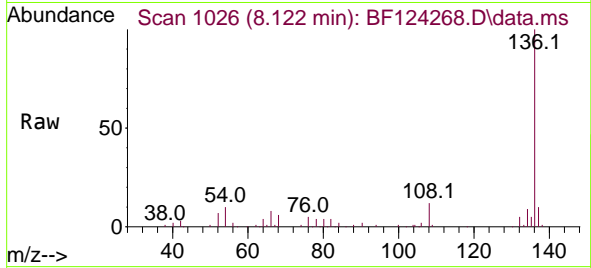


#21
 Naphthalene-d8
 Concen: 20.00 ng
 RT: 8.122 min Scan# 1026
 Delta R.T. -0.012 min
 Lab File: BF124268.D
 Acq: 11 Jun 2021 19:06

Instrument :
 BNA_F
ClientSampled :
 18-B12(150-154)

Tgt Ion:136 Resp: 115747

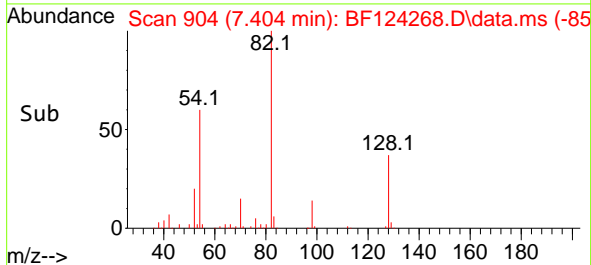
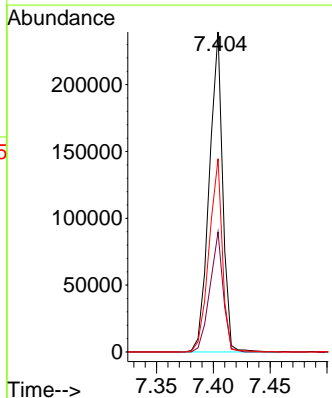
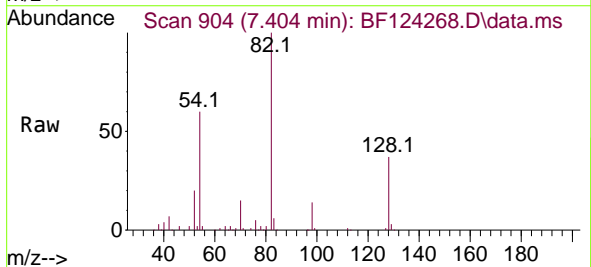
Ion	Ratio	Lower	Upper
136	100		
137	9.7	8.7	13.1
54	10.1	9.8	14.6
68	5.6	4.1	6.1

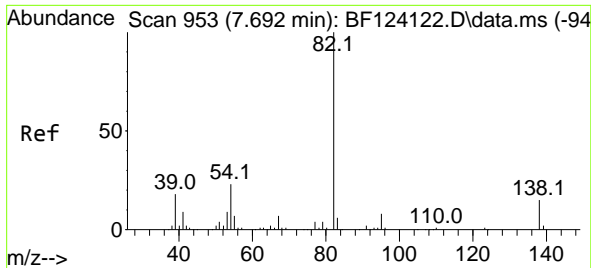


#23
 Nitrobenzene-d5
 Concen: 67.26 ng
 RT: 7.404 min Scan# 904
 Delta R.T. -0.012 min
 Lab File: BF124268.D
 Acq: 11 Jun 2021 19:06

Tgt Ion: 82 Resp: 196300

Ion	Ratio	Lower	Upper
82	100		
128	37.5	29.4	44.2
54	60.4	54.1	81.1

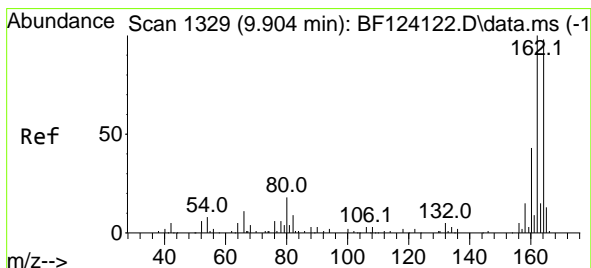
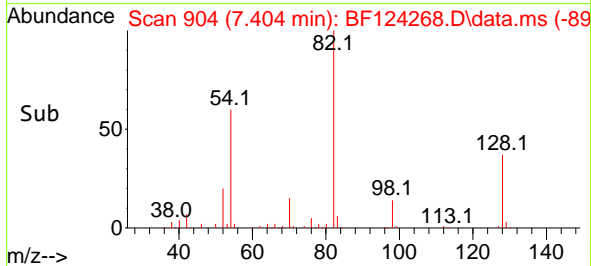
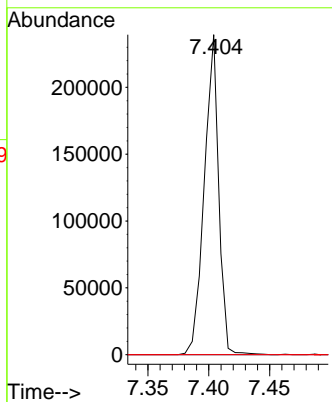
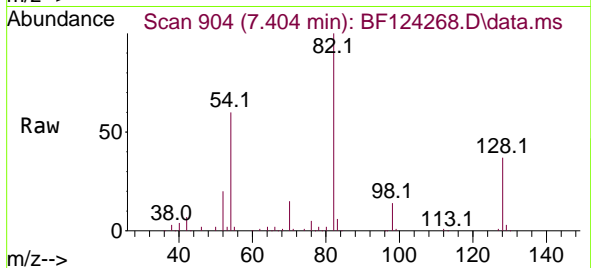




#25
 Isophorone
 Concen: 37.33 ng
 RT: 7.404 min Scan# 904
 Delta R.T. -0.271 min
 Lab File: BF124268.D
 Acq: 11 Jun 2021 19:06

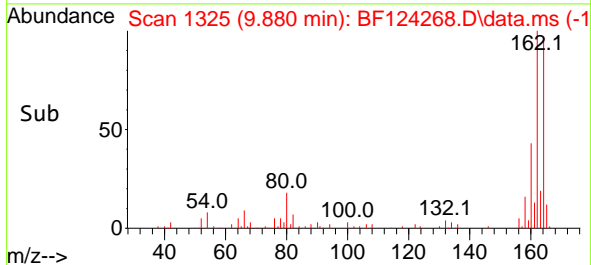
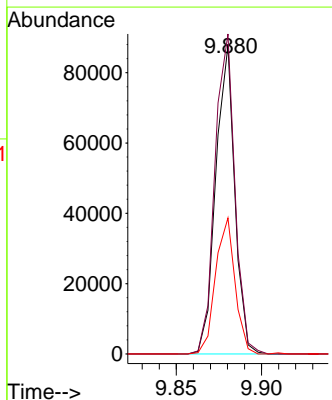
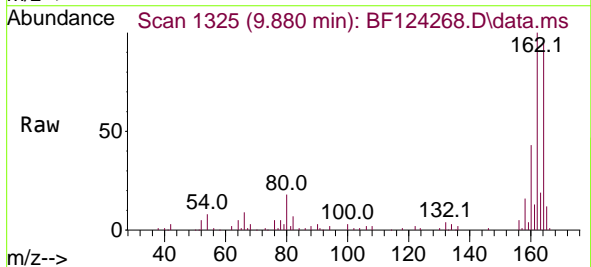
Instrument :
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ClientSampleId :
 18-B12(150-154)

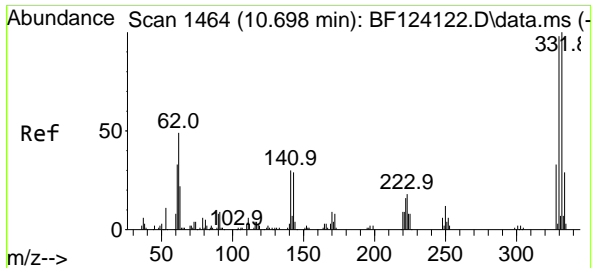
Tgt Ion: 82 Resp: 196297
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.8 8.6#
 138 0.0 11.8 17.8#



#39
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.880 min Scan# 1325
 Delta R.T. -0.012 min
 Lab File: BF124268.D
 Acq: 11 Jun 2021 19:06

Tgt Ion:164 Resp: 68144
 Ion Ratio Lower Upper
 164 100
 162 103.7 80.7 121.1
 160 44.1 37.3 55.9

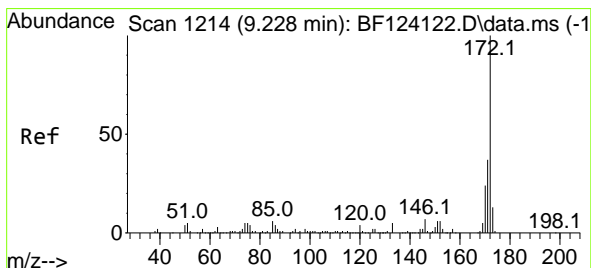
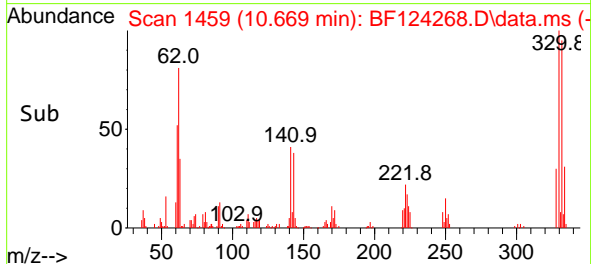
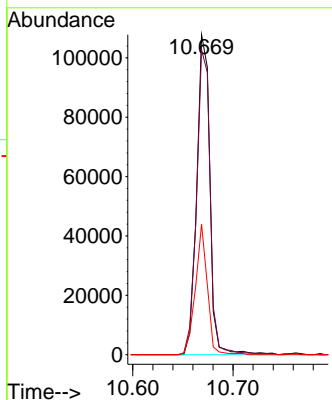
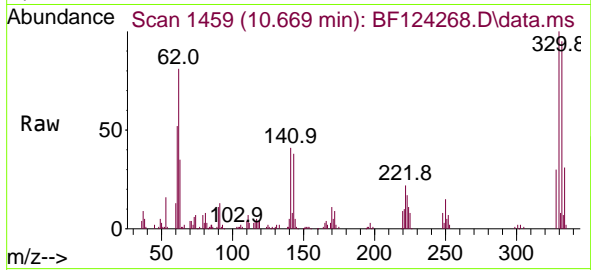




#42
 2,4,6-Tribromophenol
 Concen: 102.45 ng
 RT: 10.669 min Scan# 1459
 Delta R.T. -0.012 min
 Lab File: BF124268.D
 Acq: 11 Jun 2021 19:06

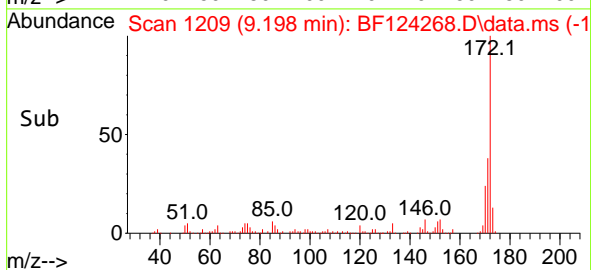
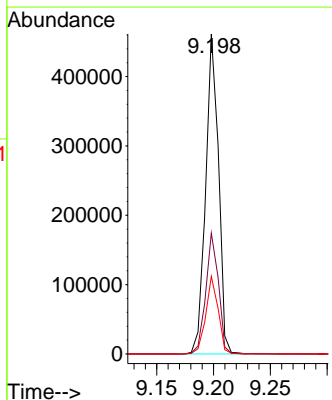
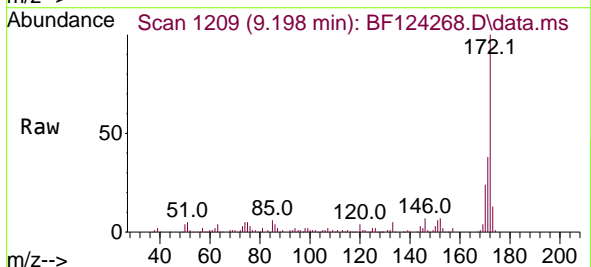
Instrument :
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 18-B12(150-154)

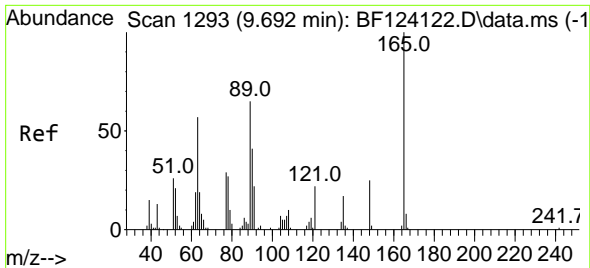
Tgt Ion:330 Resp: 98910
 Ion Ratio Lower Upper
 330 100
 332 98.7 77.1 115.7
 141 36.9 27.9 41.9



#45
 2-Fluorobiphenyl
 Concen: 66.89 ng
 RT: 9.198 min Scan# 1209
 Delta R.T. -0.012 min
 Lab File: BF124268.D
 Acq: 11 Jun 2021 19:06

Tgt Ion:172 Resp: 362246
 Ion Ratio Lower Upper
 172 100
 171 37.8 28.1 42.1
 170 24.3 19.2 28.8

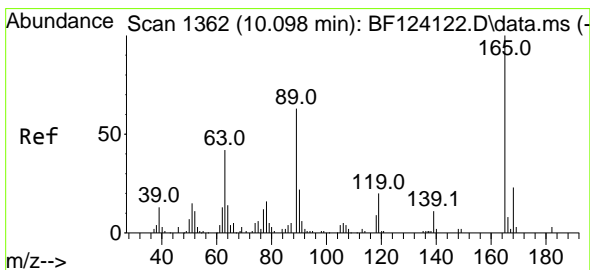
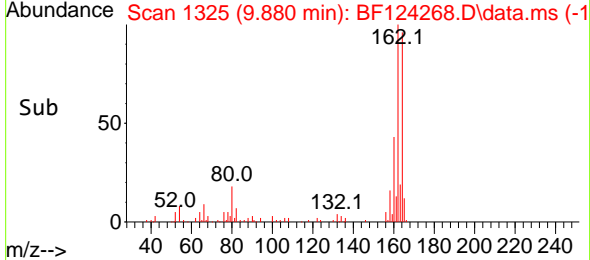
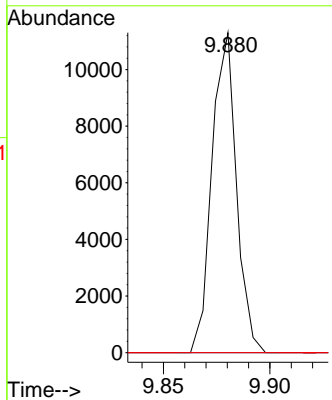
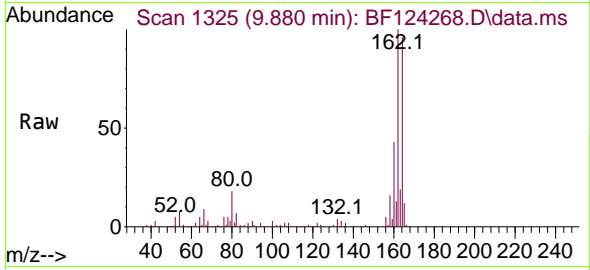




#51
 2,6-Dinitrotoluene
 Concen: 6.98 ng
 RT: 9.880 min Scan# 1325
 Delta R.T. 0.200 min
 Lab File: BF124268.D
 Acq: 11 Jun 2021 19:06

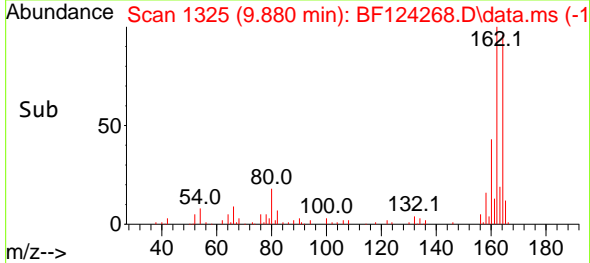
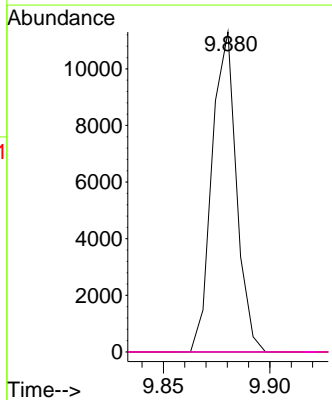
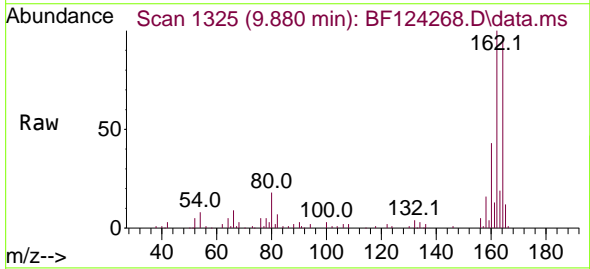
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 18-B12(150-154)

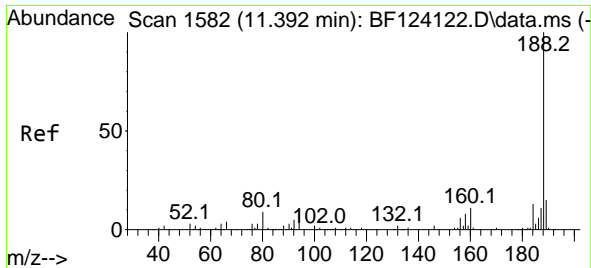
Tgt Ion	Resp	Lower	Upper
165	100		
63	0.0	67.7	101.5#
89	0.0	58.8	88.2#



#57
 2,4-Dinitrotoluene
 Concen: 5.29 ng
 RT: 9.880 min Scan# 1325
 Delta R.T. -0.206 min
 Lab File: BF124268.D
 Acq: 11 Jun 2021 19:06

Tgt Ion	Resp	Lower	Upper
165	100		
63	0.0	43.5	65.3#
89	0.0	67.7	101.5#
182	0.0	2.1	3.1#

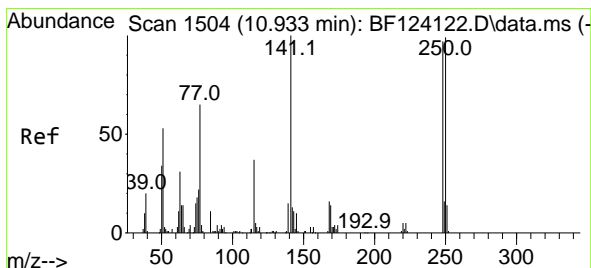
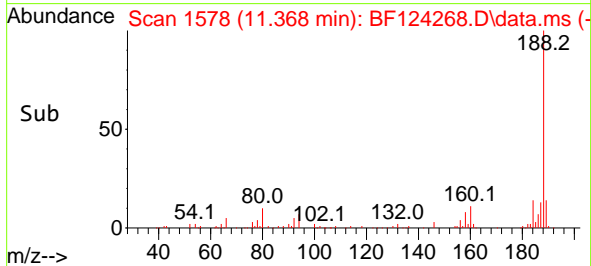
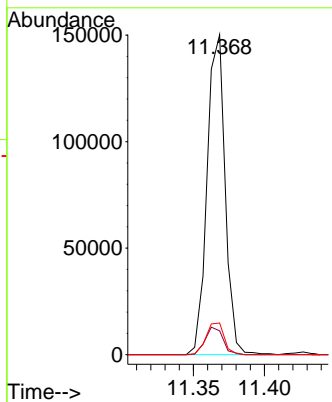
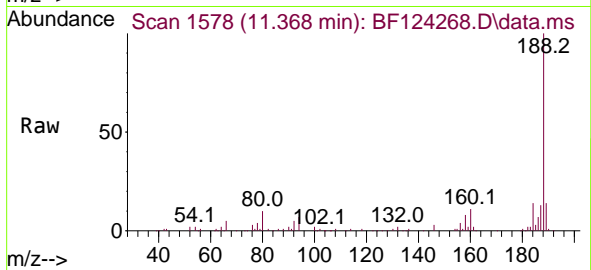




#64
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.368 min Scan# 1578
 Delta R.T. -0.006 min
 Lab File: BF124268.D
 Acq: 11 Jun 2021 19:06

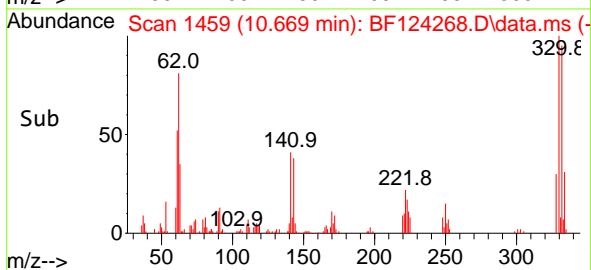
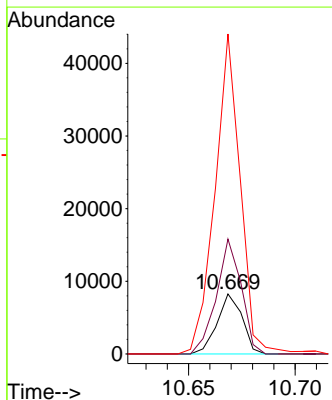
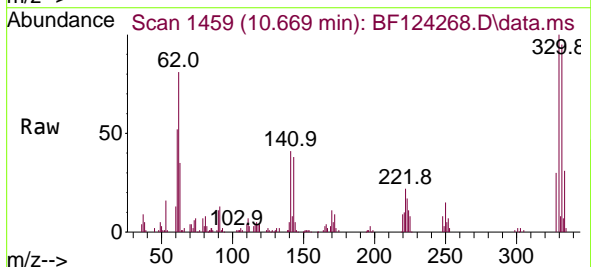
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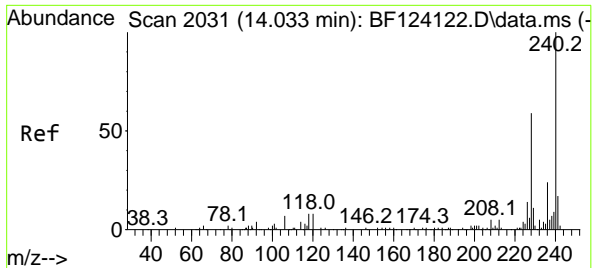
Tgt Ion	Resp	Lower	Upper
188	100		
94	7.5	6.9	10.3
80	9.9	8.2	12.2



#67
 4-Bromophenyl-phenylether
 Concen: 3.69 ng
 RT: 10.669 min Scan# 1459
 Delta R.T. -0.253 min
 Lab File: BF124268.D
 Acq: 11 Jun 2021 19:06

Tgt Ion	Resp	Lower	Upper
248	100		
250	191.5	77.4	116.2#
141	533.6	63.7	95.5#

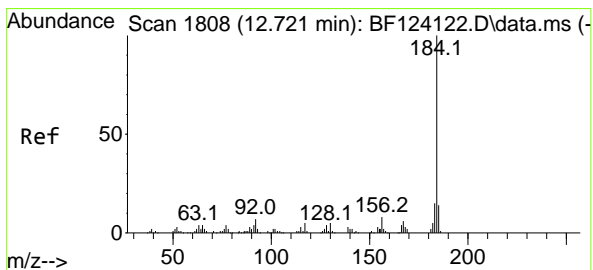
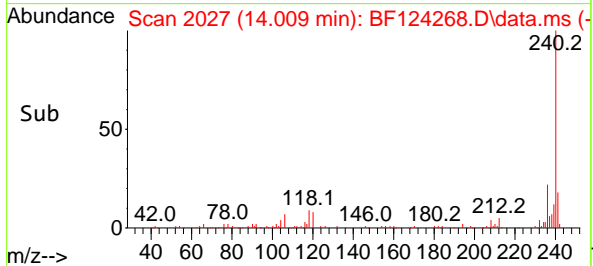
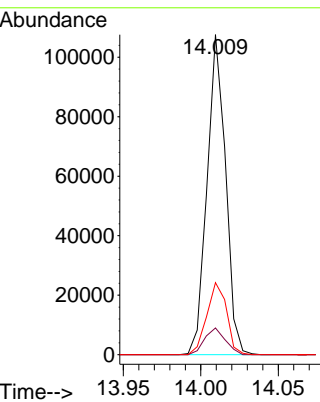
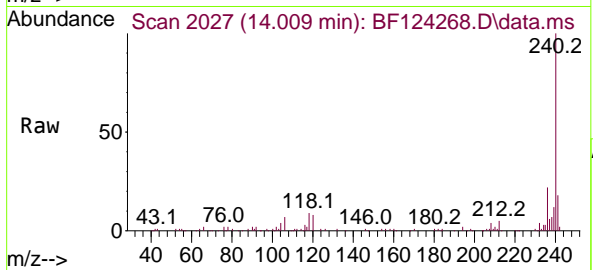




#76
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.009 min Scan# 2027
 Delta R.T. -0.012 min
 Lab File: BF124268.D
 Acq: 11 Jun 2021 19:06

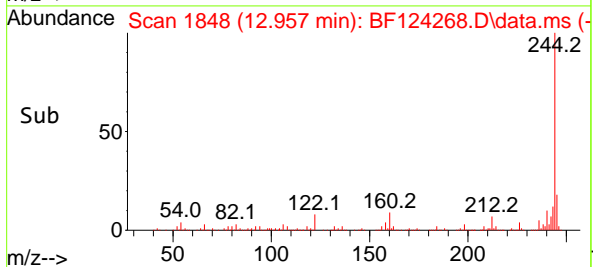
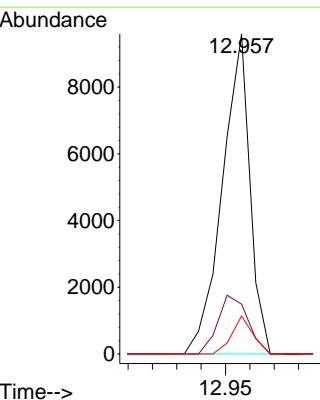
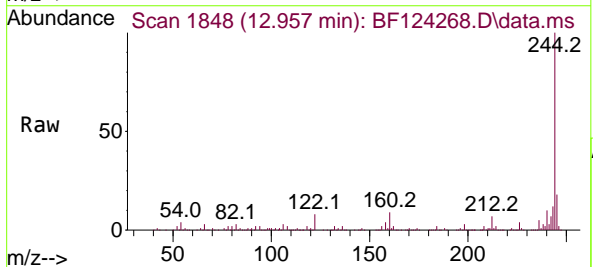
Instrument :
 BNA_F
ClientSampled :
 18-B12(150-154)

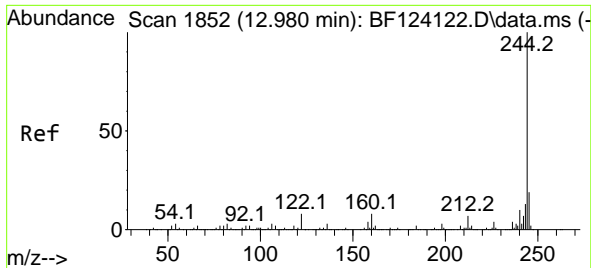
Tgt Ion	Resp	Lower	Upper
240	89464		
120	8.4	7.2	10.8
236	22.5	19.0	28.4



#77
 Benzidine
 Concen: 7.37 ng
 RT: 12.957 min Scan# 1848
 Delta R.T. 0.247 min
 Lab File: BF124268.D
 Acq: 11 Jun 2021 19:06

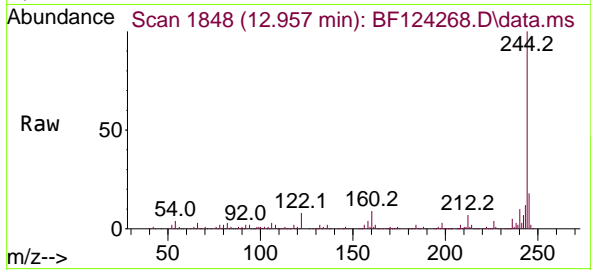
Tgt Ion	Resp	Lower	Upper
184	7527		
185	15.6	12.1	18.1
183	11.9	7.8	11.8





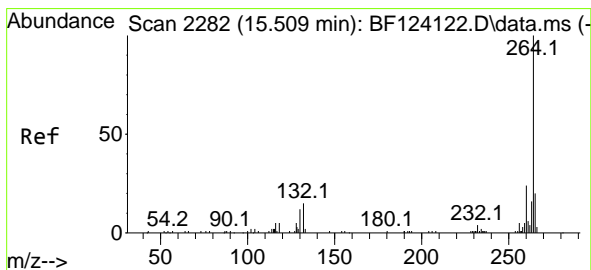
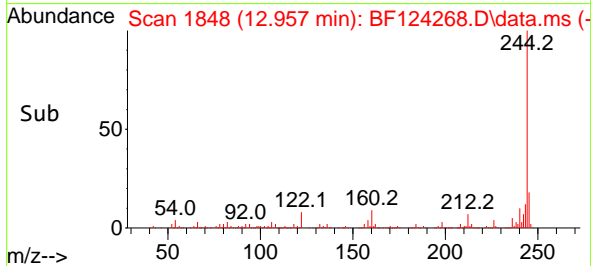
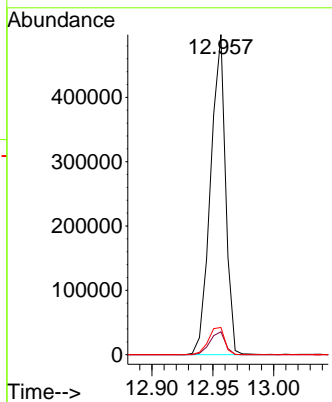
#79
 Terphenyl-d14
 Concen: 65.50 ng
 RT: 12.957 min Scan# 1848
 Delta R.T. -0.006 min
 Lab File: BF124268.D
 Acq: 11 Jun 2021 19:06

Instrument :
 BNA_F
 ClientSampleId :
 18-B12(150-154)



Tgt Ion:244 Resp: 426792

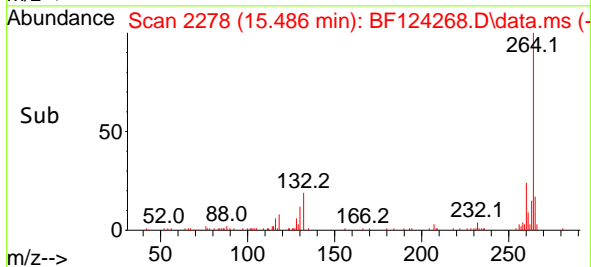
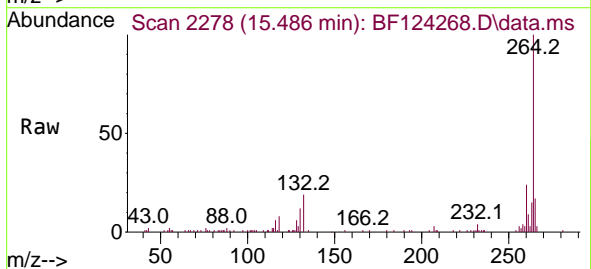
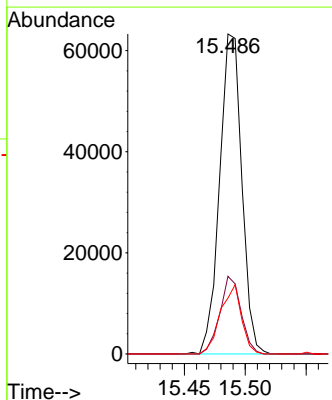
Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.7	8.5
122	8.5	9.7	14.5#

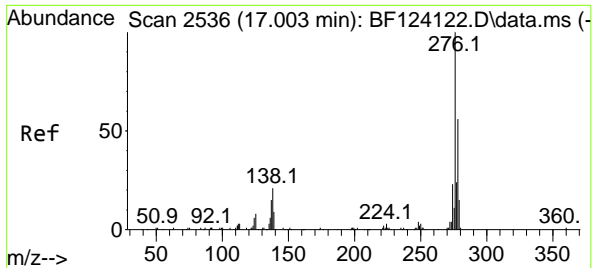


#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.486 min Scan# 2278
 Delta R.T. -0.006 min
 Lab File: BF124268.D
 Acq: 11 Jun 2021 19:06

Tgt Ion:264 Resp: 80262

Ion	Ratio	Lower	Upper
264	100		
260	24.2	18.7	28.1
265	17.4	17.8	26.8#





#87
 Indeno(1,2,3-cd)pyrene
 Concen: 4.35 ng
 RT: 16.945 min Scan# 2526
 Delta R.T. -0.035 min
 Lab File: BF124268.D
 Acq: 11 Jun 2021 19:06

Instrument :
 BNA_F
 ClientSampled :
 18-B12(150-154)

Tgt Ion	Resp	Lower	Upper
276	100		
138	0.0	16.2	24.2#
277	0.0	20.1	30.1#

