

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061721\
 Data File : BF124367.D
 Acq On : 17 Jun 2021 17:24
 Operator : JU/CG
 Sample : M2719-01 5X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OK-03-061521

Quant Time: Jun 17 17:58:34 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 15 20:09:26 2021
 Response via : Initial Calibration

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

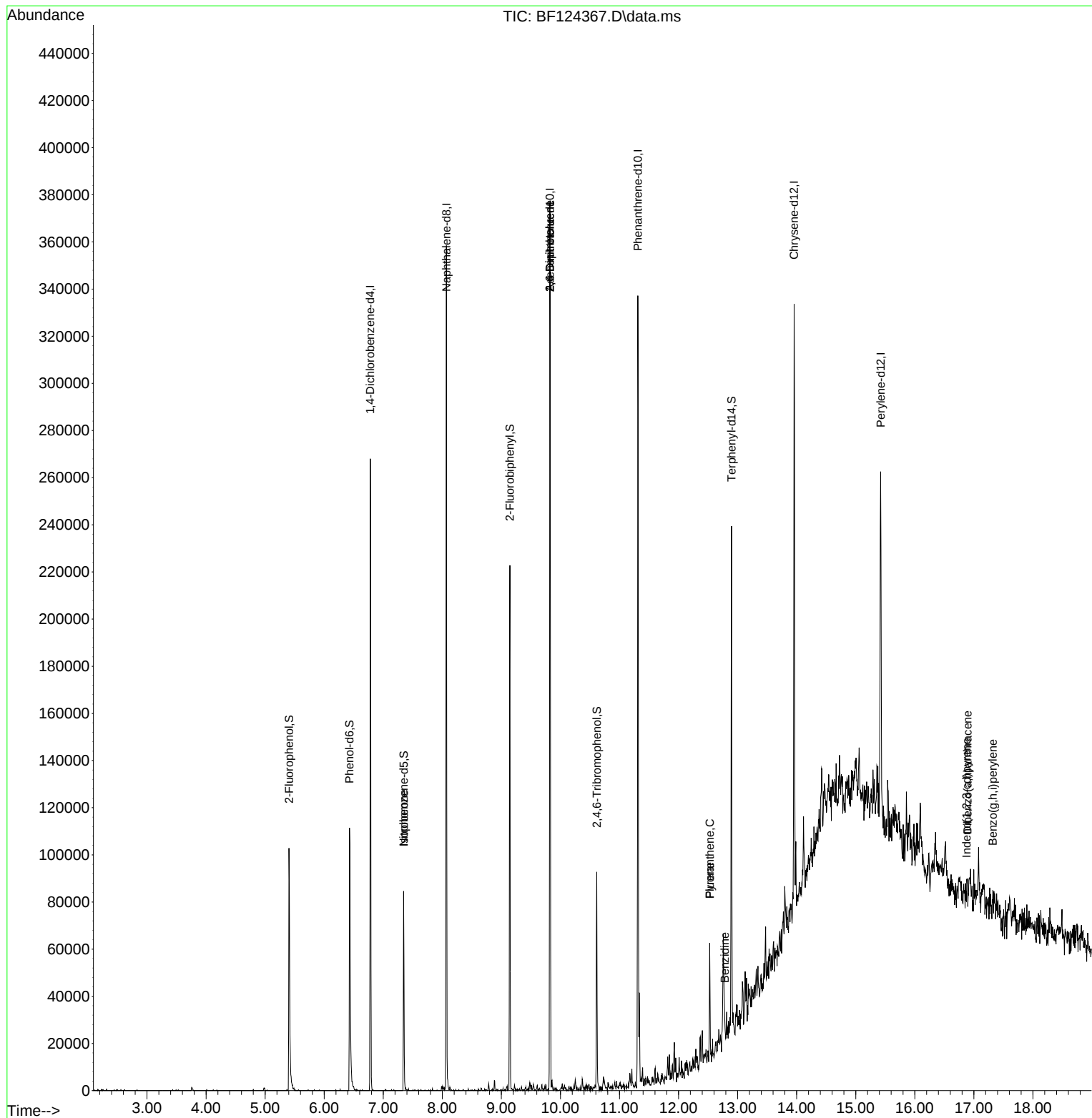
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	33357	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	123608	20.000	ng	0.00
39) Acenaphthene-d10	9.822	164	69371	20.000	ng	0.00
64) Phenanthrene-d10	11.310	188	111798	20.000	ng	# 0.00
76) Chrysene-d12	13.957	240	75158	20.000	ng	0.00
86) Perylene-d12	15.421	264	48641	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.404	112	30214	13.635	ng	-0.01
7) Phenol-d6	6.428	99	38247	12.841	ng	-0.02
23) Nitrobenzene-d5	7.345	82	24136	7.744	ng	-0.01
42) 2,4,6-Tribromophenol	10.616	330	9769	9.940	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	55842	10.130	ng	0.00
79) Terphenyl-d14	12.898	244	55359	10.113	ng	0.00
Target Compounds						
						Qvalue
25) Isophorone	7.345	82	24136	4.298	ng	# 69
51) 2,6-Dinitrotoluene	9.822	165	8080	6.140	ng	# 14
57) 2,4-Dinitrotoluene	9.822	165	8080	4.656	ng	# 19
75) Fluoranthene	12.527	202	14857	2.027	ng	95
77) Benzidine	12.786	184	123	4.125	ng	# 68
78) Pyrene	12.527	202	14857	2.059	ng	97
87) Indeno(1,2,3-cd)pyrene	16.874	276	2652	4.931	ng	# 76
91) Dibenzo(a,h)anthracene	16.892	278	559	4.323	ng	# 3
92) Benzo(g,h,i)perylene	17.321	276	3471	4.744	ng	# 63

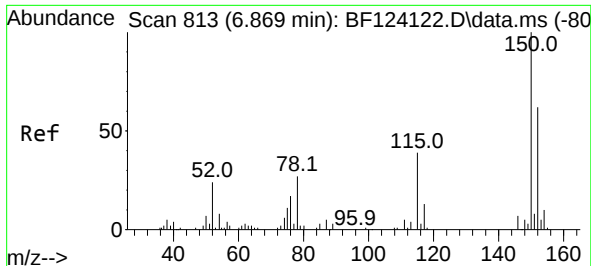
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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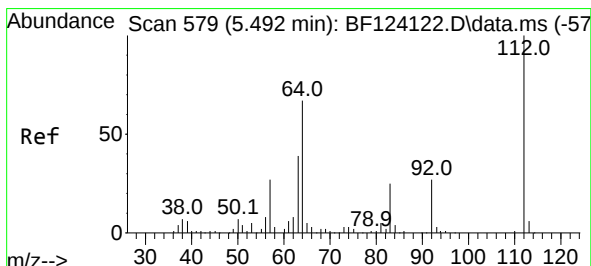
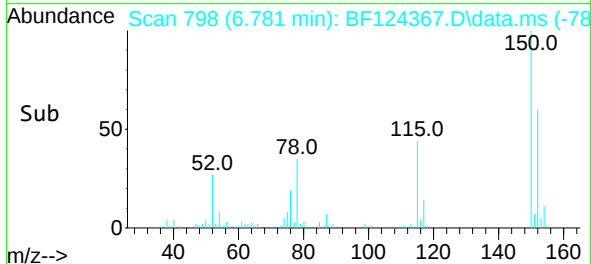
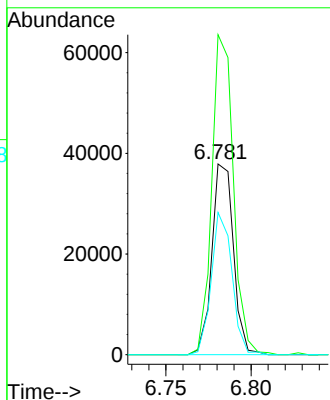
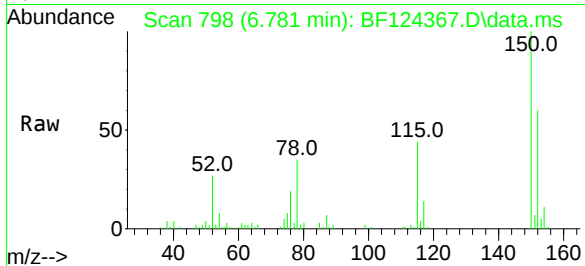




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 798
Delta R.T. -0.005 min
Lab File: BF124367.D
Acq: 17 Jun 2021 17:24

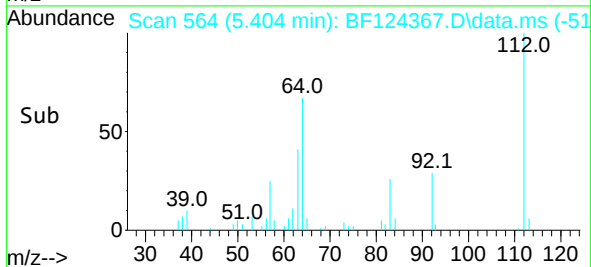
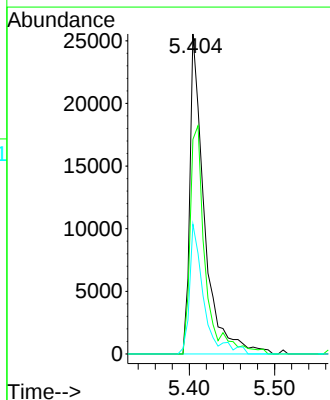
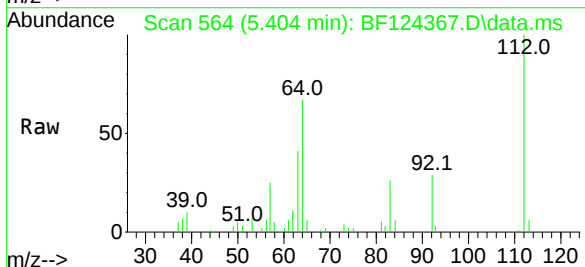
Instrument :
BNA_F
ClientSampleId :
OK-03-061521

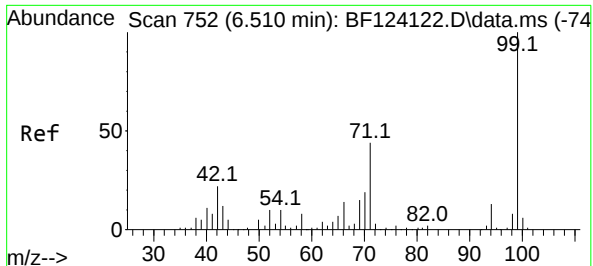
Tgt Ion:152 Resp: 33357
Ion Ratio Lower Upper
152 100
150 167.8 127.0 190.6
115 74.6 54.3 81.5



#5
2-Fluorophenol
Concen: 13.635 ng
RT: 5.404 min Scan# 564
Delta R.T. -0.012 min
Lab File: BF124367.D
Acq: 17 Jun 2021 17:24

Tgt Ion:112 Resp: 30214
Ion Ratio Lower Upper
112 100
64 67.1 61.4 92.0
63 40.5 33.0 49.4

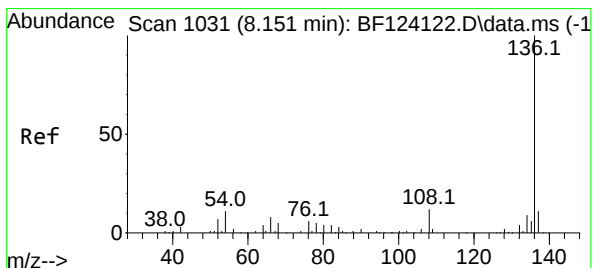
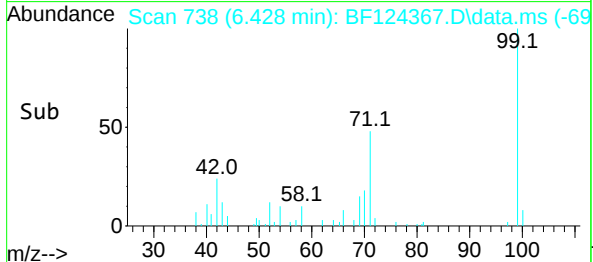
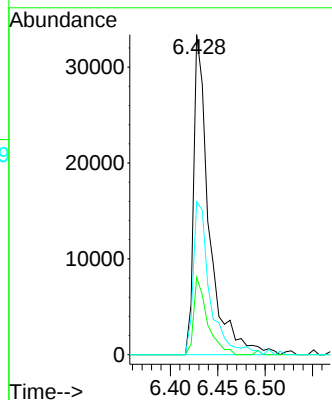
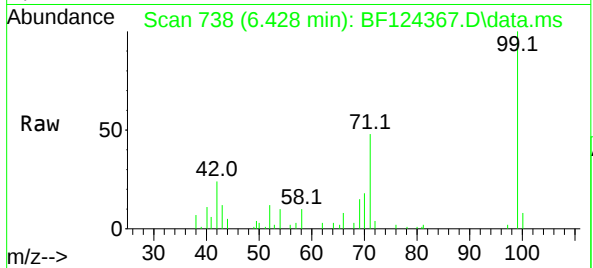




#7
Phenol-d6
Concen: 12.841 ng
RT: 6.428 min Scan# 738
Delta R.T. -0.018 min
Lab File: BF124367.D
Acq: 17 Jun 2021 17:24

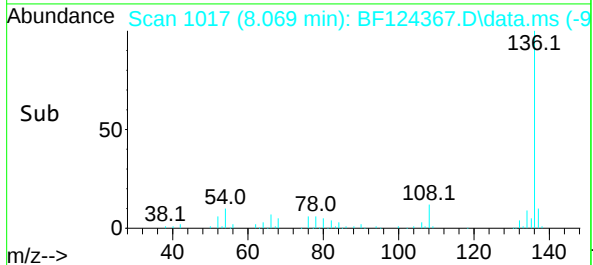
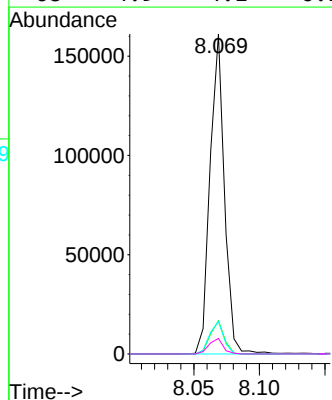
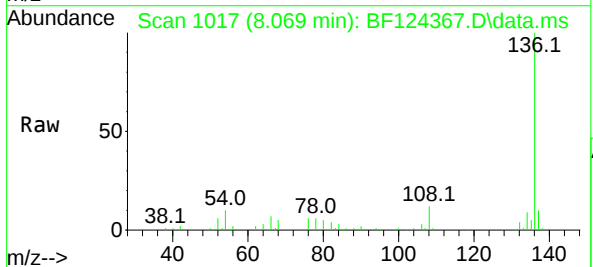
Instrument :
BNA_F
ClientSampleId :
OK-03-061521

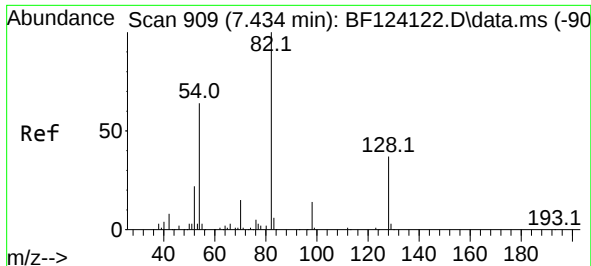
Tgt Ion: 99	Resp: 38247
Ion Ratio	Lower Upper
99 100	
42 24.1	19.8 29.8
71 47.8	31.1 46.7#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1017
Delta R.T. -0.006 min
Lab File: BF124367.D
Acq: 17 Jun 2021 17:24

Tgt Ion: 136	Resp: 123608
Ion Ratio	Lower Upper
136 100	
137 10.4	8.7 13.1
54 10.2	9.8 14.6
68 4.9	4.1 6.1





#23

Nitrobenzene-d5

Concen: 7.744 ng

RT: 7.345 min Scan# 894

Delta R.T. -0.012 min

Lab File: BF124367.D

Acq: 17 Jun 2021 17:24

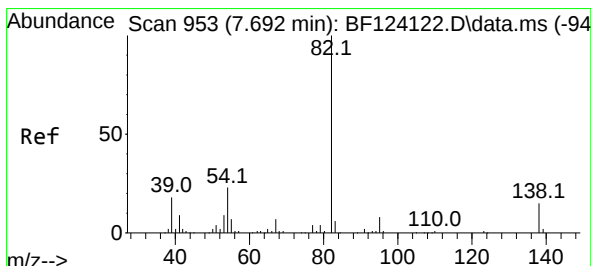
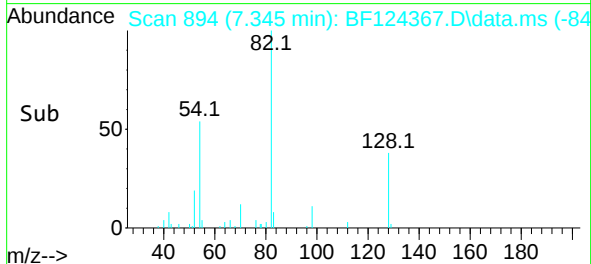
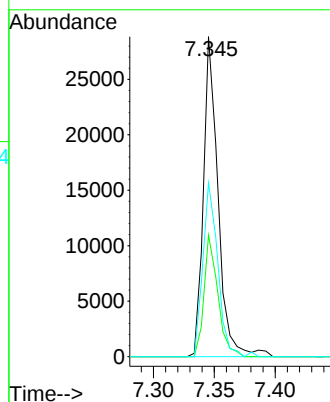
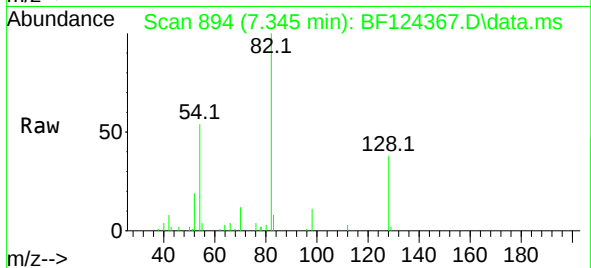
Instrument :

BNA_F

ClientSampleId :

OK-03-061521

Tgt Ion:	82	Resp:	24136
Ion	Ratio	Lower	Upper
82	100		
128	38.0	29.4	44.2
54	54.3	54.1	81.1



#25

Isophorone

Concen: 4.298 ng

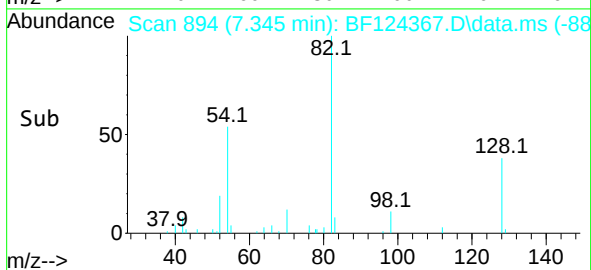
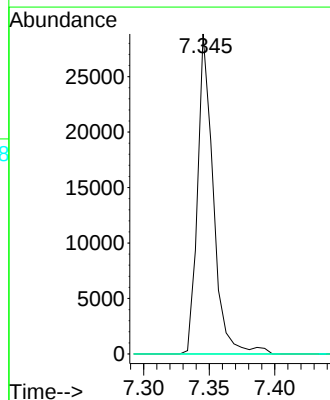
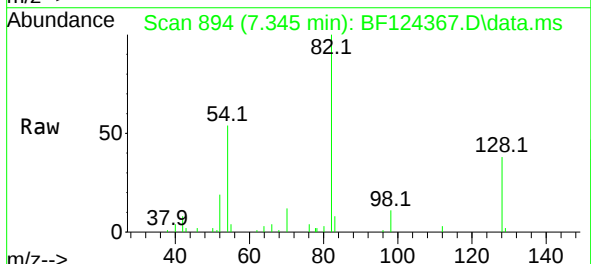
RT: 7.345 min Scan# 894

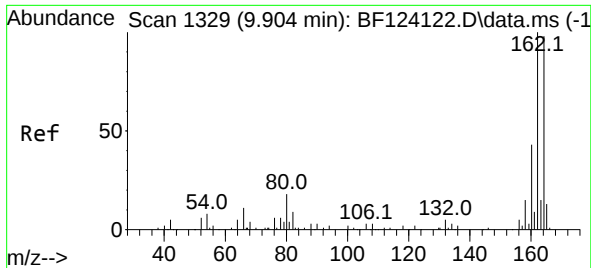
Delta R.T. -0.271 min

Lab File: BF124367.D

Acq: 17 Jun 2021 17:24

Tgt Ion:	82	Resp:	24136
Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.8	8.6#
138	0.0	11.8	17.8#

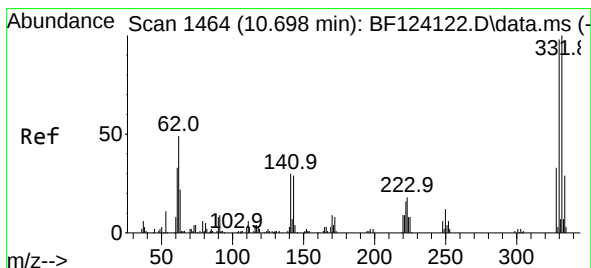
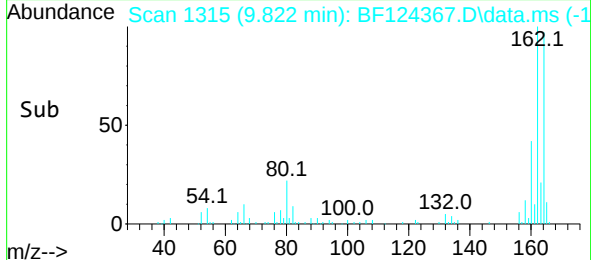
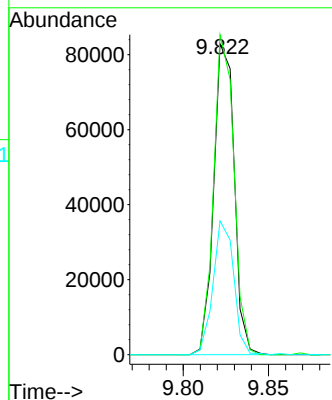
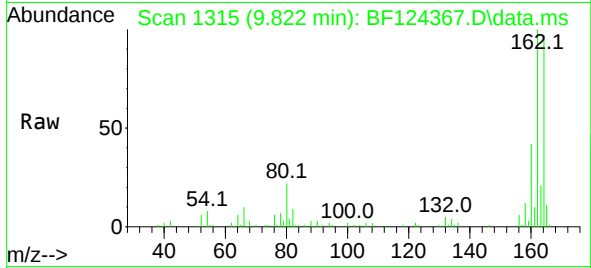




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.822 min Scan# 1315
Delta R.T. -0.006 min
Lab File: BF124367.D
Acq: 17 Jun 2021 17:24

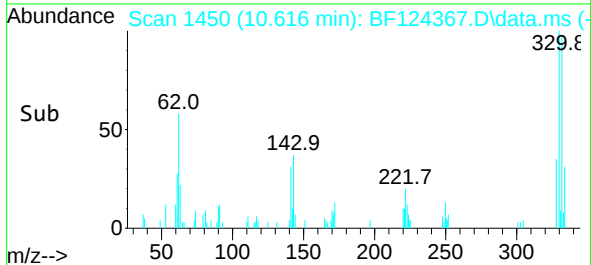
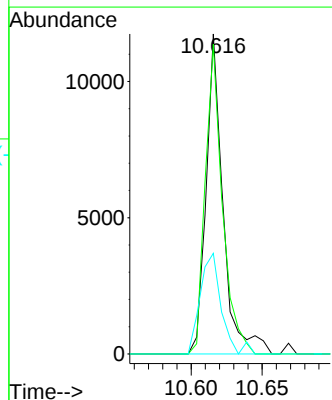
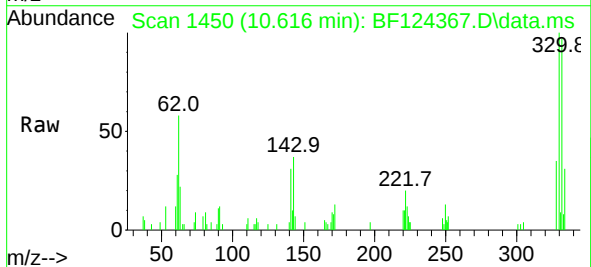
Instrument :
BNA_F
ClientSampleId :
OK-03-061521

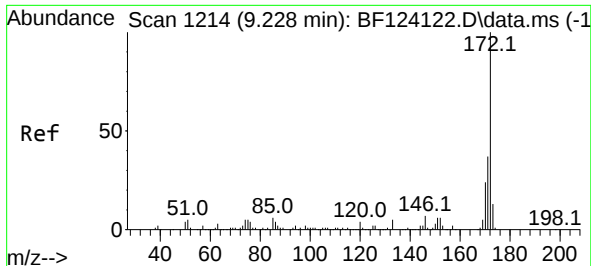
Tgt Ion:164 Resp: 69371
Ion Ratio Lower Upper
164 100
162 103.0 80.7 121.1
160 43.0 37.3 55.9



#42
2,4,6-Tribromophenol
Concen: 9.940 ng
RT: 10.616 min Scan# 1450
Delta R.T. -0.006 min
Lab File: BF124367.D
Acq: 17 Jun 2021 17:24

Tgt Ion:330 Resp: 9769
Ion Ratio Lower Upper
330 100
332 98.1 77.1 115.7
141 39.2 27.9 41.9

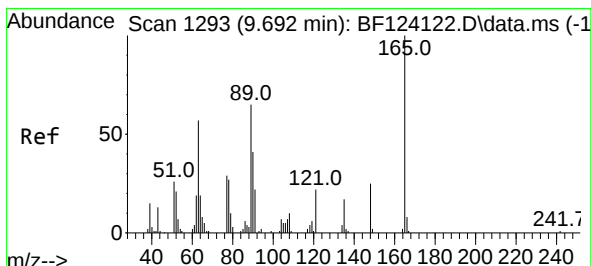
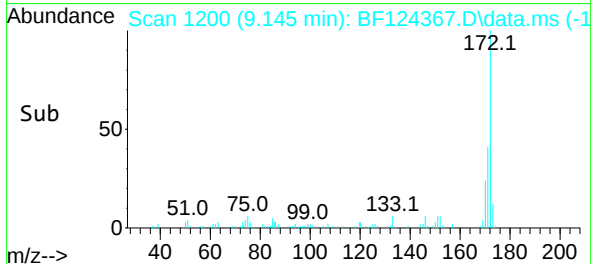
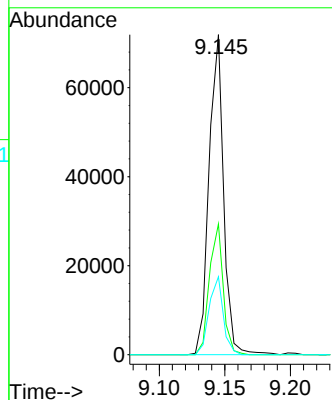
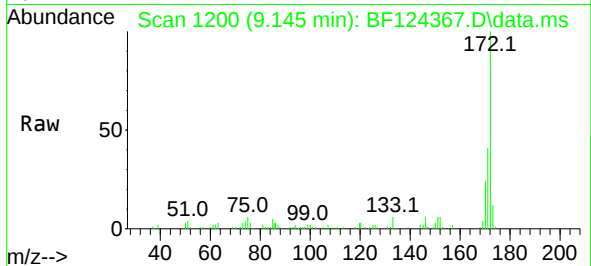




#45
2-Fluorobiphenyl
Concen: 10.130 ng
RT: 9.145 min Scan# 1200
Delta R.T. -0.006 min
Lab File: BF124367.D
Acq: 17 Jun 2021 17:24

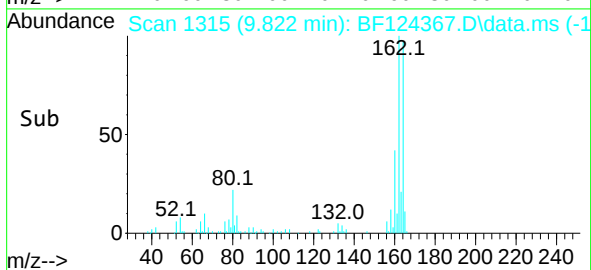
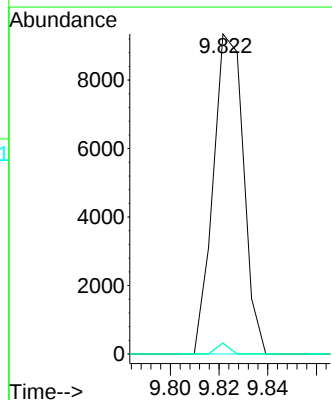
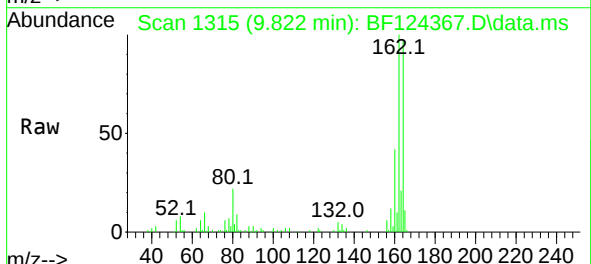
Instrument :
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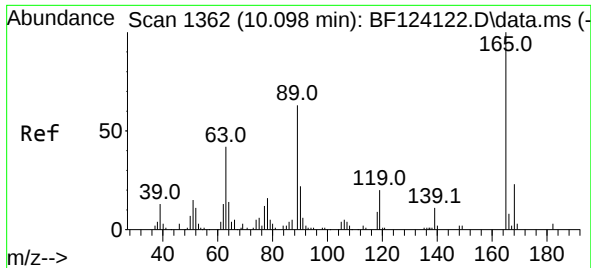
Tgt Ion:172 Resp: 55842
Ion Ratio Lower Upper
172 100
171 40.8 28.1 42.1
170 24.4 19.2 28.8



#51
2,6-Dinitrotoluene
Concen: 6.140 ng
RT: 9.822 min Scan# 1315
Delta R.T. 0.200 min
Lab File: BF124367.D
Acq: 17 Jun 2021 17:24

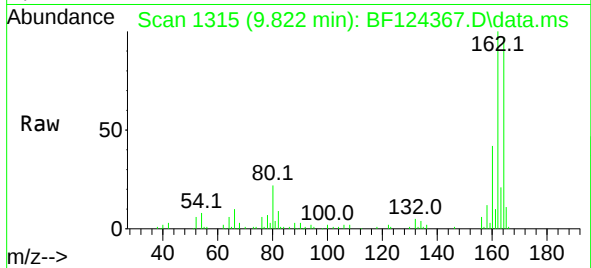
Tgt Ion:165 Resp: 8080
Ion Ratio Lower Upper
165 100
63 3.5 67.7 101.5#
89 3.3 58.8 88.2#



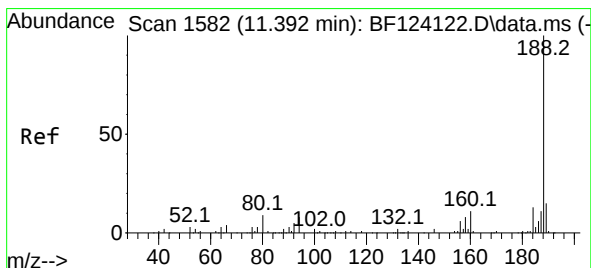
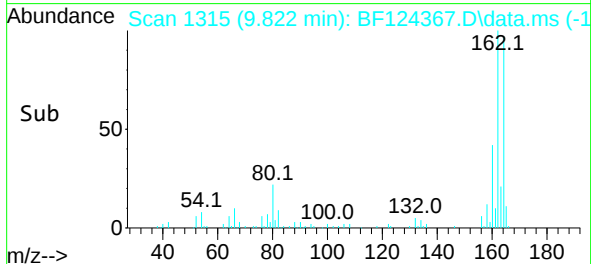
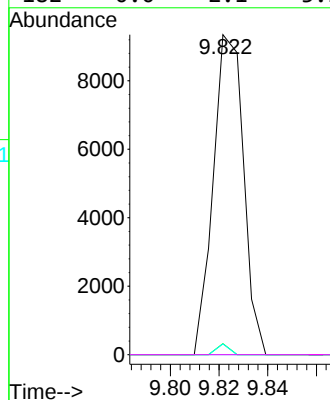


#57
2,4-Dinitrotoluene
Concen: 4.656 ng
RT: 9.822 min Scan# 1315
Delta R.T. -0.206 min
Lab File: BF124367.D
Acq: 17 Jun 2021 17:24

Instrument :
BNA_F
ClientSampleId :
OK-03-061521

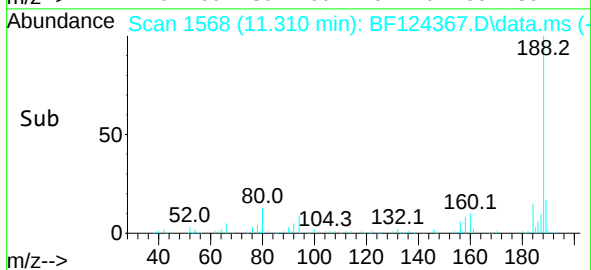
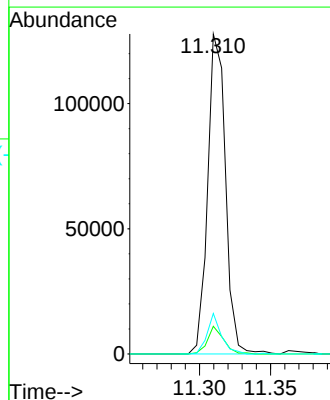
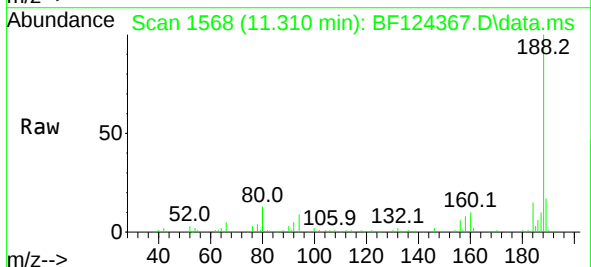


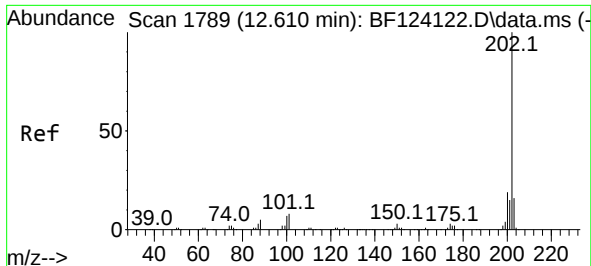
Tgt Ion:165 Resp: 8080
Ion Ratio Lower Upper
165 100
63 3.5 43.5 65.3#
89 3.3 67.7 101.5#
182 0.0 2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 1568
Delta R.T. -0.006 min
Lab File: BF124367.D
Acq: 17 Jun 2021 17:24

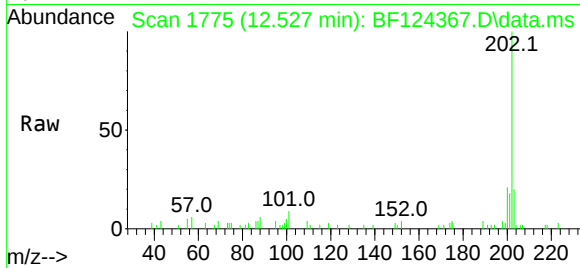
Tgt Ion:188 Resp: 111798
Ion Ratio Lower Upper
188 100
94 8.7 6.9 10.3
80 12.6 8.2 12.2#



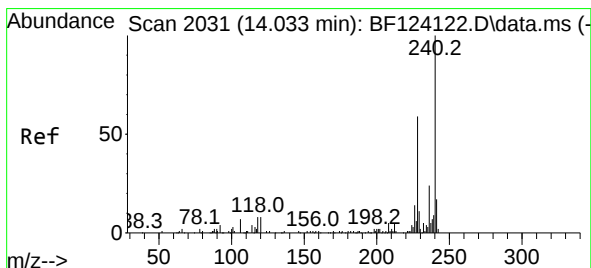
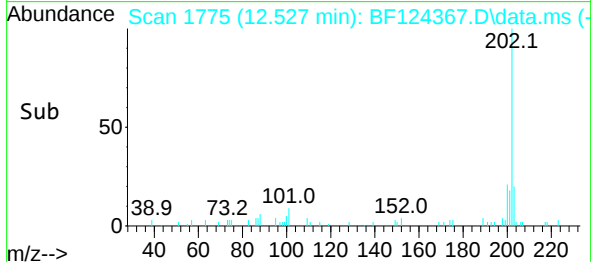
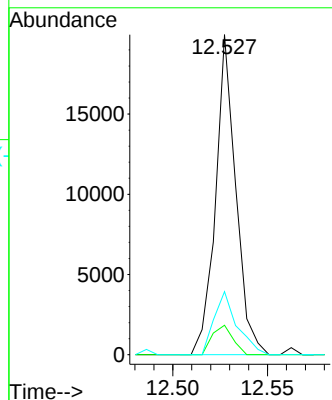


#75
Fluoranthene
Concen: 2.027 ng
RT: 12.527 min Scan# 1775
Delta R.T. -0.006 min
Lab File: BF124367.D
Acq: 17 Jun 2021 17:24

Instrument :
BNA_F
ClientSampleId :
OK-03-061521

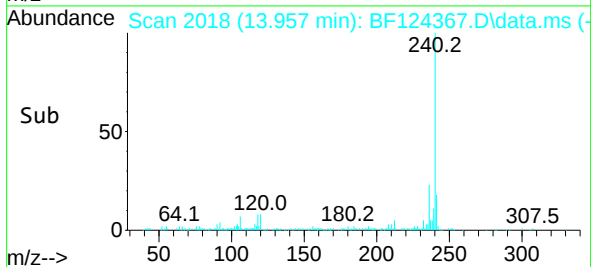
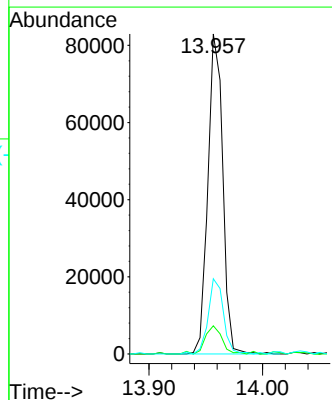
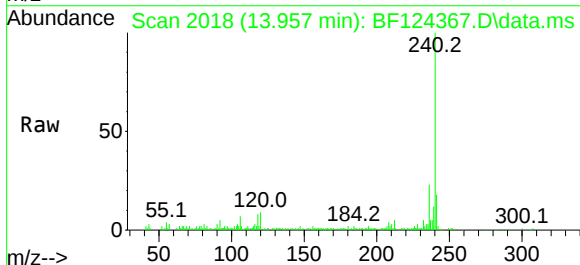


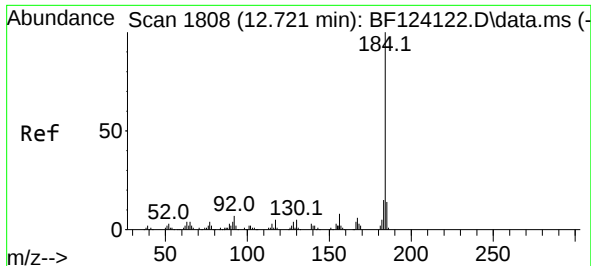
Tgt Ion:	202	Resp:	14857
Ion Ratio	Lower	Upper	
202	100		
101	9.2	0.0	30.9
203	19.7	0.0	37.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.957 min Scan# 2018
Delta R.T. -0.006 min
Lab File: BF124367.D
Acq: 17 Jun 2021 17:24

Tgt Ion:	240	Resp:	75158
Ion Ratio	Lower	Upper	
240	100		
120	8.8	7.2	10.8
236	23.5	19.0	28.4

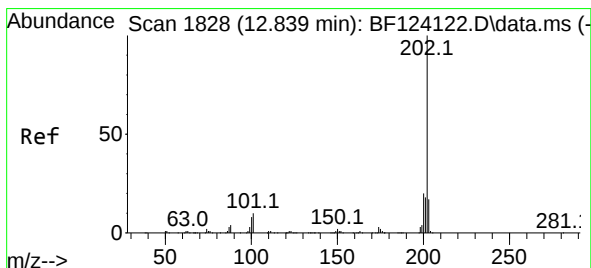
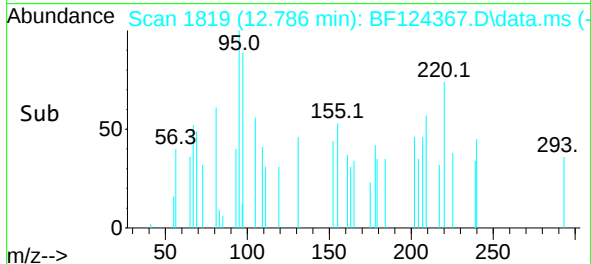
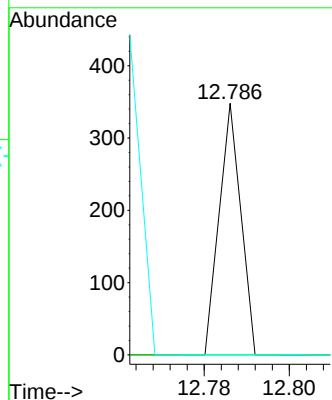
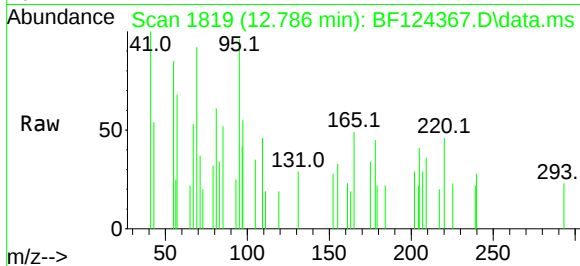




#77
Benzidine
Concen: 4.125 ng
RT: 12.786 min Scan# 1819
Delta R.T. 0.088 min
Lab File: BF124367.D
Acq: 17 Jun 2021 17:24

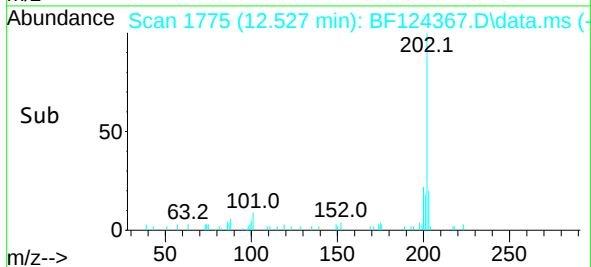
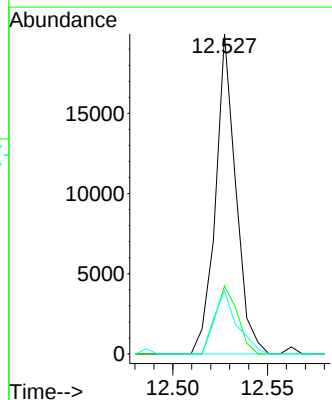
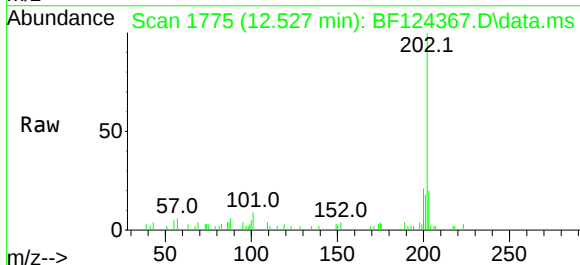
Instrument :
BNA_F
ClientSampleId :
OK-03-061521

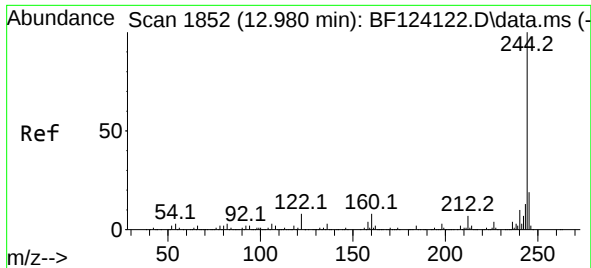
Tgt Ion:184 Resp: 123
Ion Ratio Lower Upper
184 100
185 0.0 12.1 18.1#
183 0.0 7.8 11.8#



#78
Pyrene
Concen: 2.059 ng
RT: 12.527 min Scan# 1775
Delta R.T. -0.235 min
Lab File: BF124367.D
Acq: 17 Jun 2021 17:24

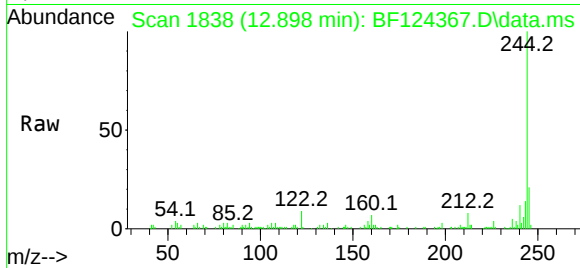
Tgt Ion:202 Resp: 14857
Ion Ratio Lower Upper
202 100
200 21.2 16.1 24.1
203 19.7 14.8 22.2



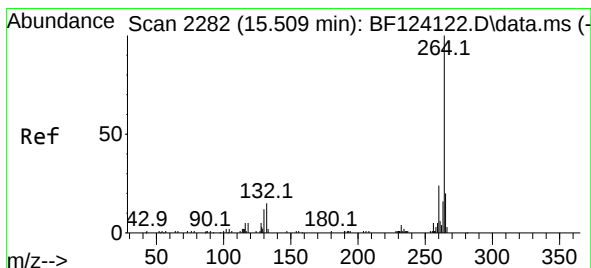
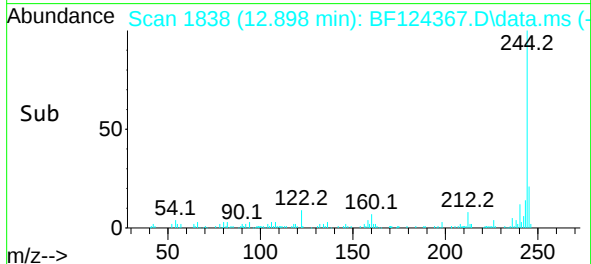
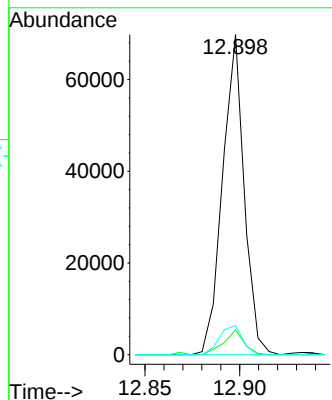


#79
Terphenyl-d14
Concen: 10.113 ng
RT: 12.898 min Scan# 1838
Delta R.T. -0.006 min
Lab File: BF124367.D
Acq: 17 Jun 2021 17:24

Instrument :
BNA_F
ClientSampleId :
OK-03-061521

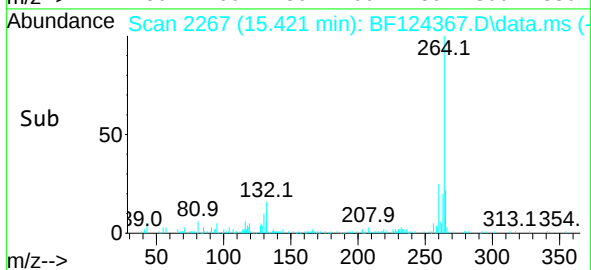
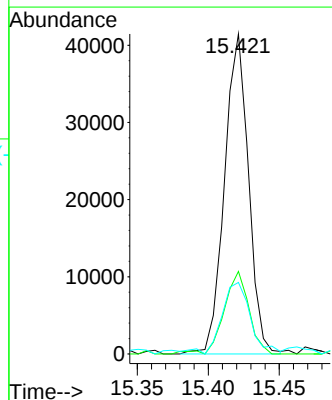
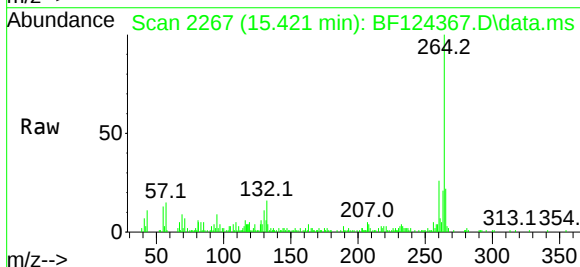


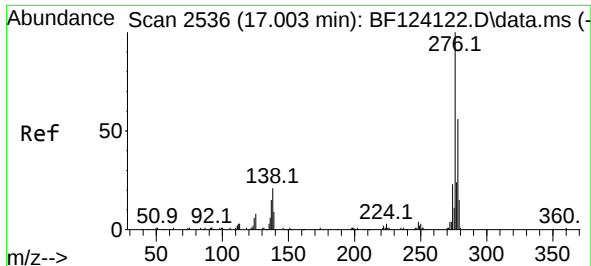
Tgt Ion:244 Resp: 55359
Ion Ratio Lower Upper
244 100
212 7.7 5.7 8.5
122 9.1 9.7 14.5#



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.421 min Scan# 2267
Delta R.T. 0.006 min
Lab File: BF124367.D
Acq: 17 Jun 2021 17:24

Tgt Ion:264 Resp: 48641
Ion Ratio Lower Upper
264 100
260 25.8 18.7 28.1
265 22.3 17.8 26.8

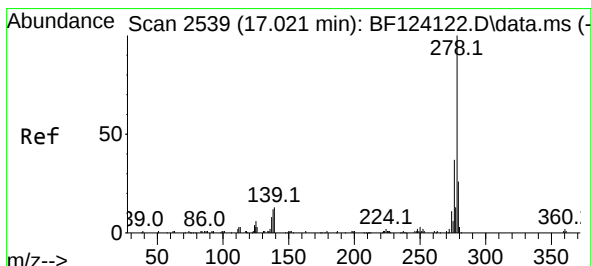
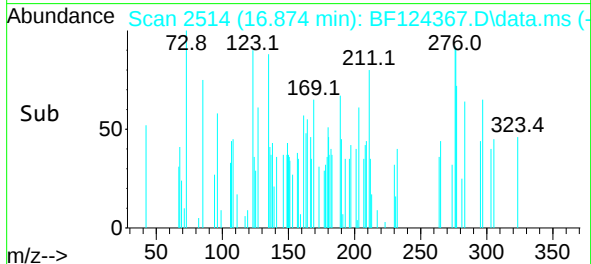
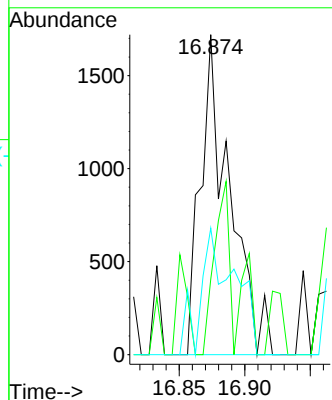
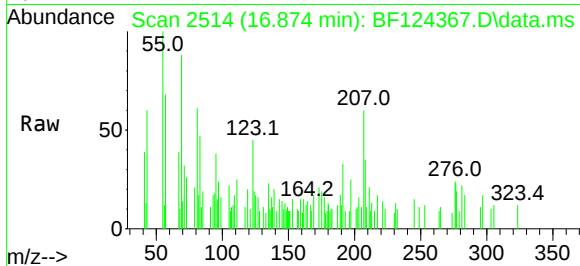




#87
Indeno(1,2,3-cd)pyrene
Concen: 4.931 ng
RT: 16.874 min Scan# 2514
Delta R.T. 0.000 min
Lab File: BF124367.D
Acq: 17 Jun 2021 17:24

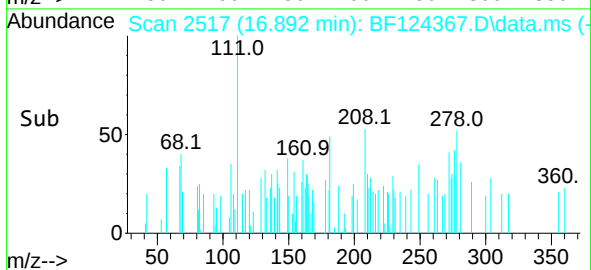
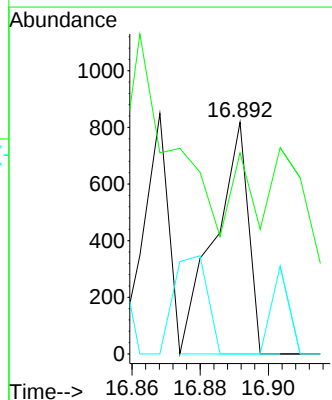
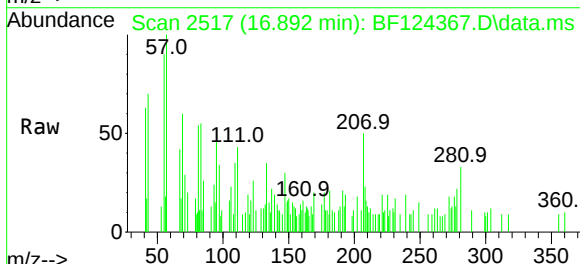
Instrument :
BNA_F
ClientSampleId :
OK-03-061521

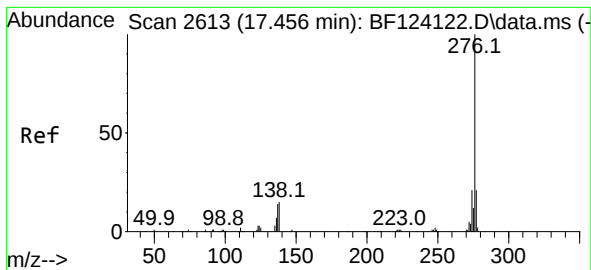
Tgt Ion:276 Resp: 2652
Ion Ratio Lower Upper
276 100
138 39.9 16.2 24.2#
277 29.7 20.1 30.1



#91
Dibenzo(a,h)anthracene
Concen: 4.323 ng
RT: 16.892 min Scan# 2517
Delta R.T. 0.006 min
Lab File: BF124367.D
Acq: 17 Jun 2021 17:24

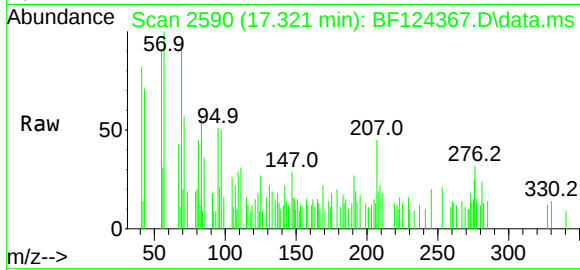
Tgt Ion:278 Resp: 559
Ion Ratio Lower Upper
278 100
139 86.8 10.2 15.2#
279 0.0 19.4 29.0#





#92
Benzo(g,h,i)perylene
Concen: 4.744 ng
RT: 17.321 min Scan# 2590
Delta R.T. 0.006 min
Lab File: BF124367.D
Acq: 17 Jun 2021 17:24

Instrument :
BNA_F
ClientSampleId :
OK-03-061521



Tgt Ion	Ratio	Lower	Upper
276	100		
277	49.3	18.2	27.2#
138	23.3	13.8	20.6#

