

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061121\
 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 :

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)

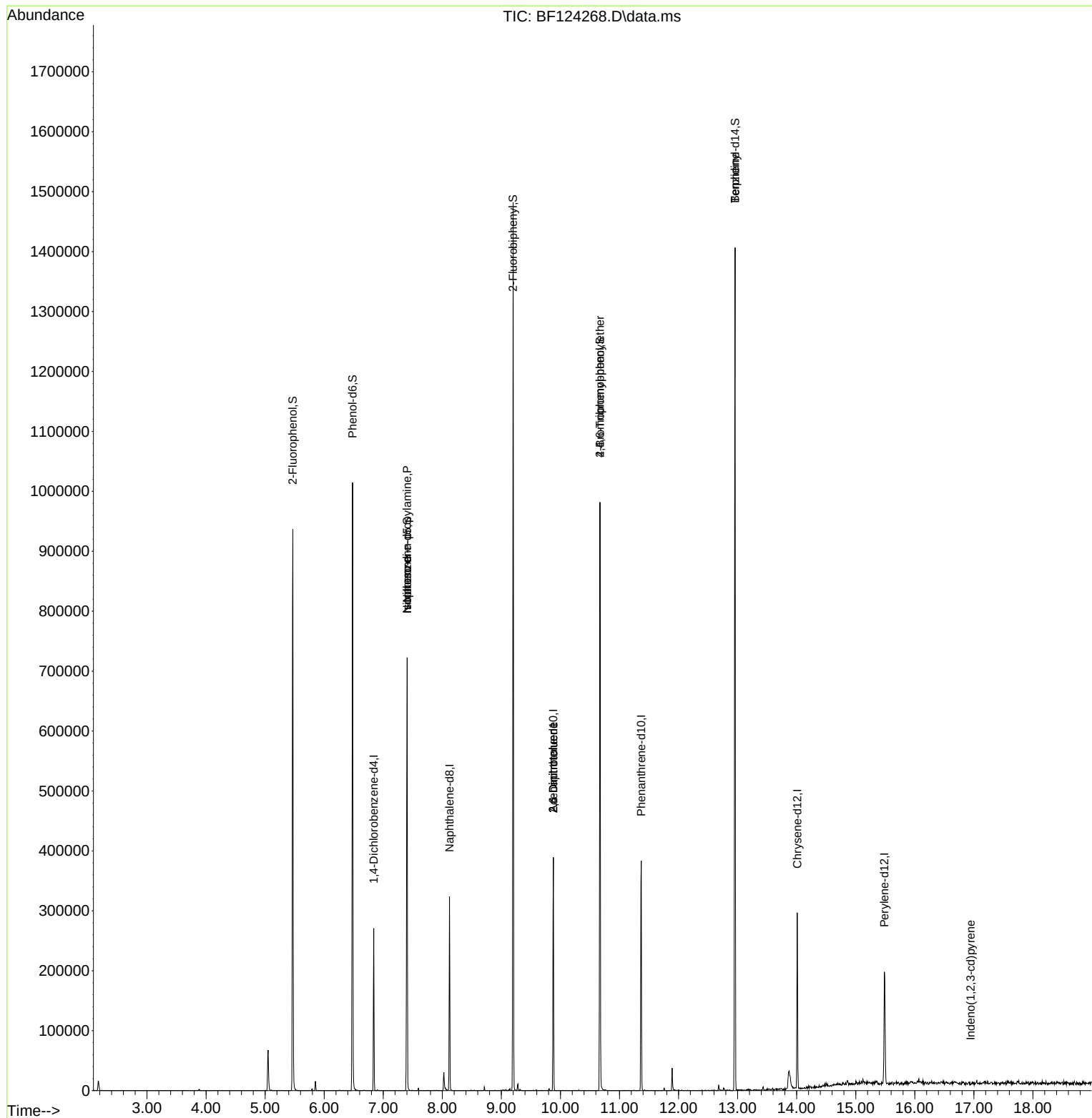
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.839	152	30460	20.00	ng	-0.01
21) Naphthalene-d8	8.122	136	115747	20.00	ng	-0.01
39) Acenaphthene-d10	9.880	164	68144	20.00	ng	-0.01
64) Phenanthrene-d10	11.368	188	132878	20.00	ng	0.00
76) Chrysene-d12	14.009	240	89464	20.00	ng	-0.01
86) Perylene-d12	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

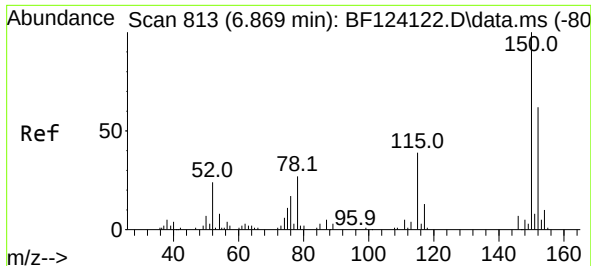
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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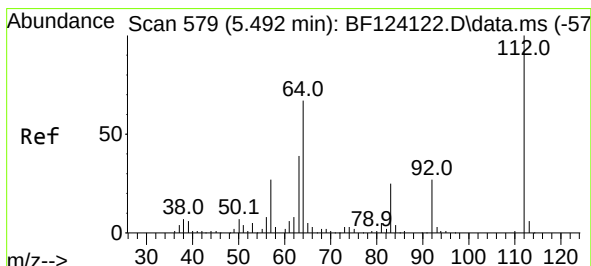
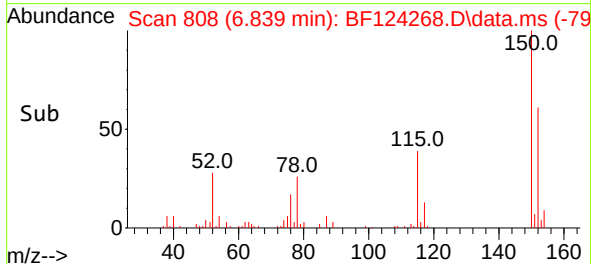
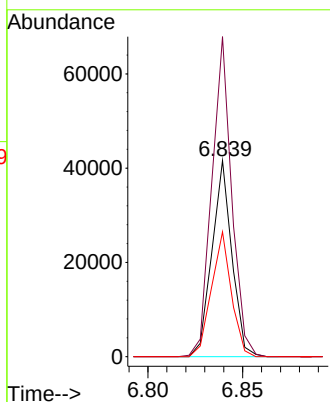
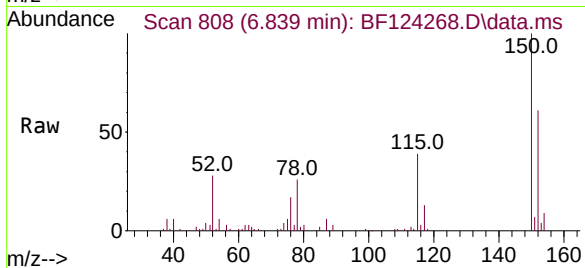




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.839 min Scan# 808
Delta R.T. -0.012 min
Lab File: BF124268.D
Acq: 11 Jun 2021 19:06

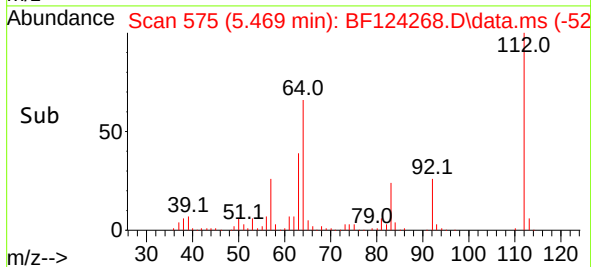
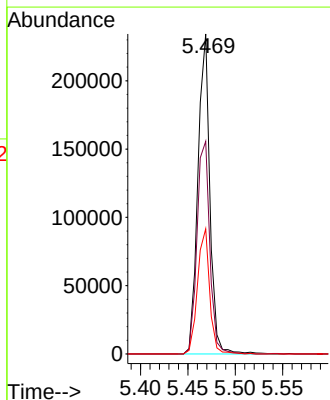
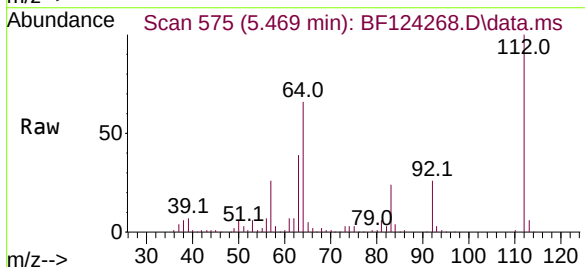
Instrument :
BNA_F
ClientSampleId :

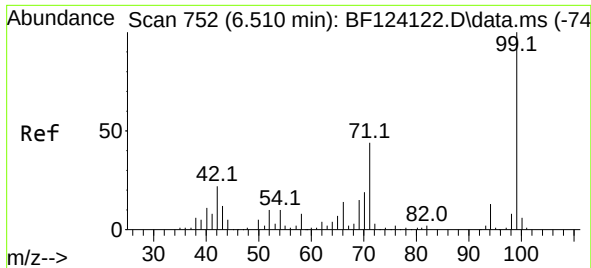
Tgt Ion:152 Resp: 30460
Ion Ratio Lower Upper
152 100
150 163.1 127.0 190.6
115 63.7 54.3 81.5



#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

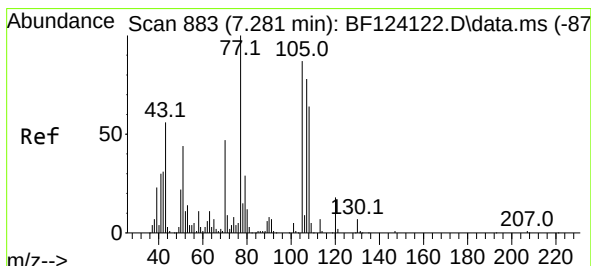
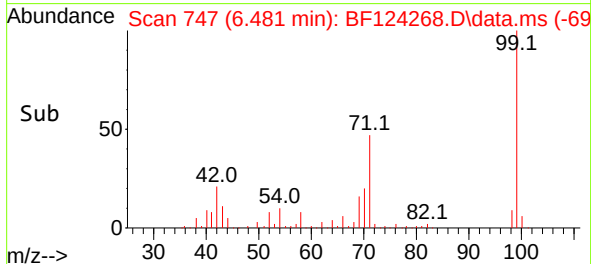
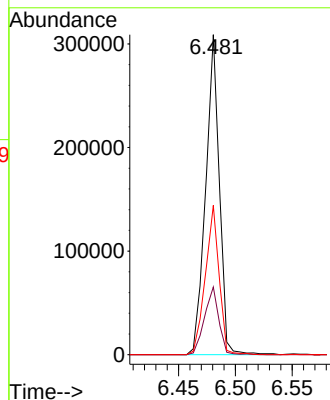
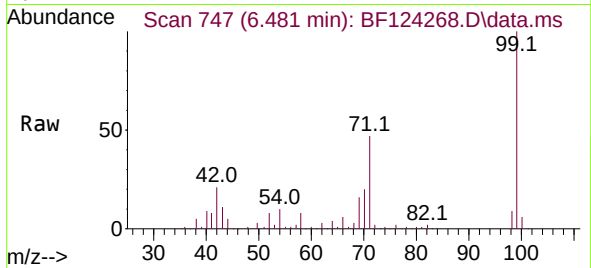




#7
Phenol-d6
Concen: 95.06 ng
RT: 6.481 min Scan# 747
Delta R.T. -0.018 min
Lab File: BF124268.D
Acq: 11 Jun 2021 19:06

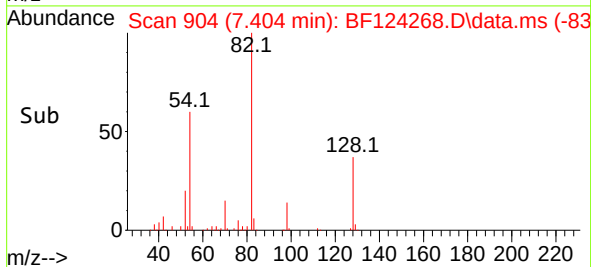
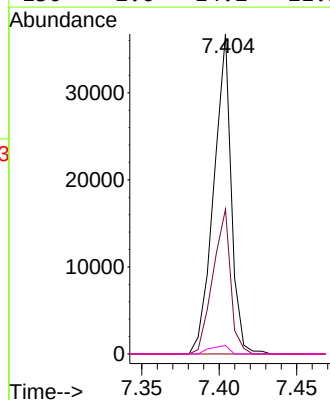
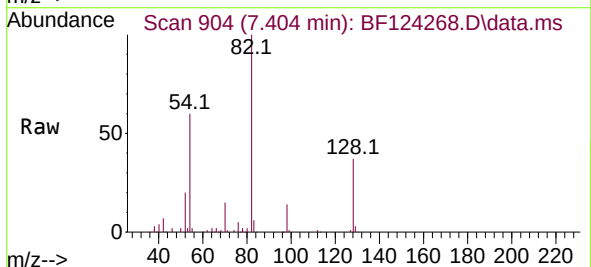
Instrument :
BNA_F
ClientSampled :

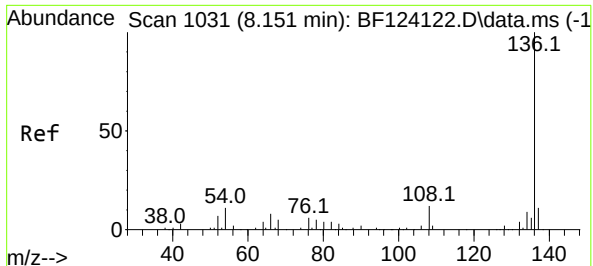
Tgt Ion: 99 Resp: 258549
Ion Ratio Lower Upper
99 100
42 21.1 19.8 29.8
71 46.6 31.1 46.7



#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#



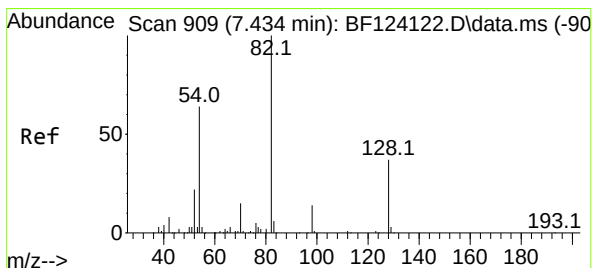
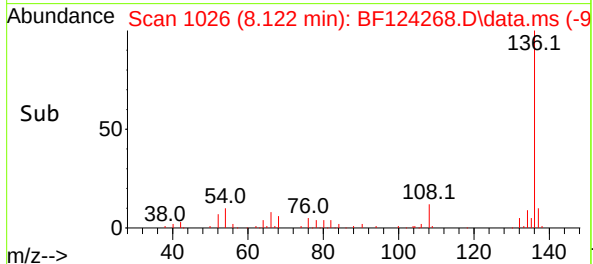
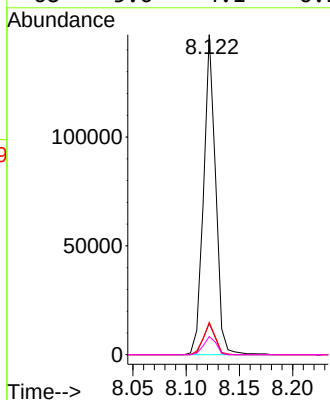
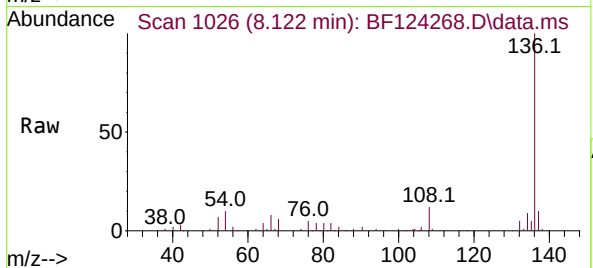


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.012 min
Lab File: BF124268.D
Acq: 11 Jun 2021 19:06

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 115747

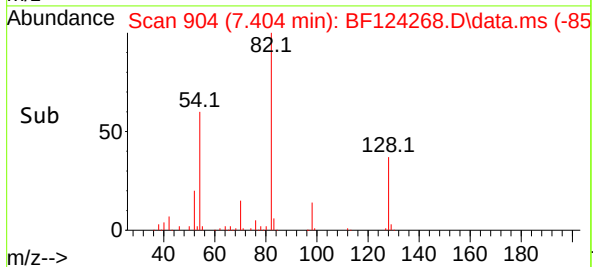
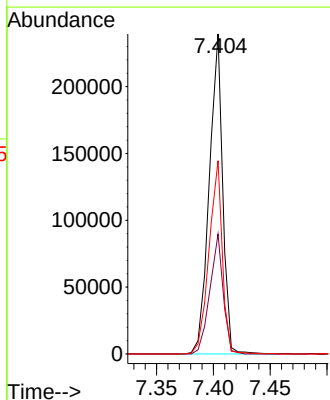
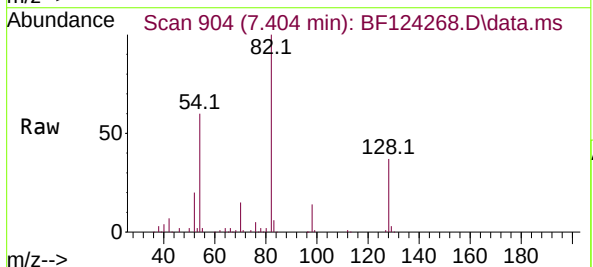
Ion	Ratio	Lower	Upper
136	100		
137	9.7	8.7	13.1
54	10.1	9.8	14.6
68	5.6	4.1	6.1

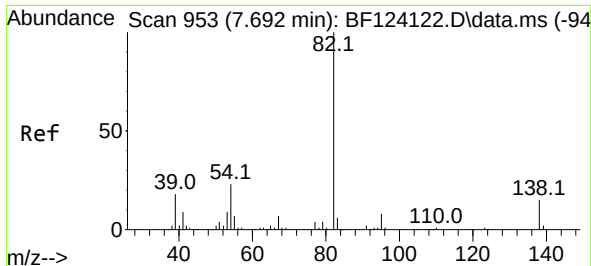


#23
Nitrobenzene-d5
Concen: 67.26 ng
RT: 7.404 min Scan# 904
Delta R.T. -0.012 min
Lab File: BF124268.D
Acq: 11 Jun 2021 19:06

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

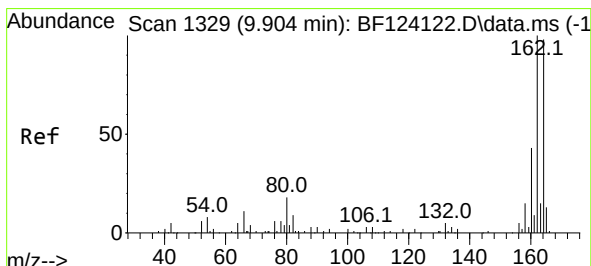
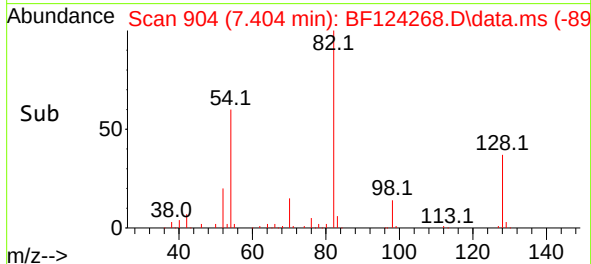
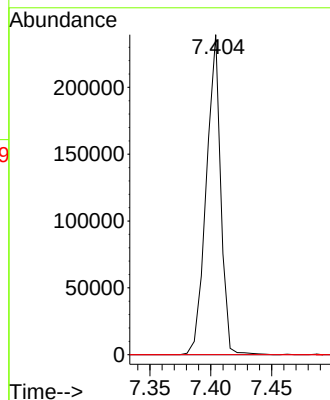
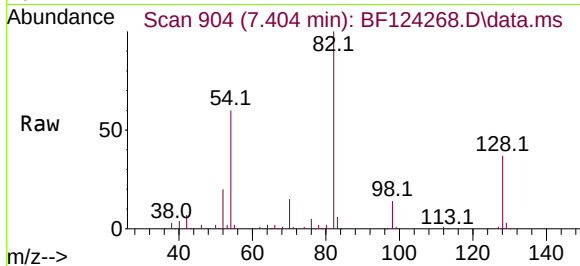




#25
Isophorone
Concen: 37.33 ng
RT: 7.404 min Scan# 904
Delta R.T. -0.271 min
Lab File: BF124268.D
Acq: 11 Jun 2021 19:06

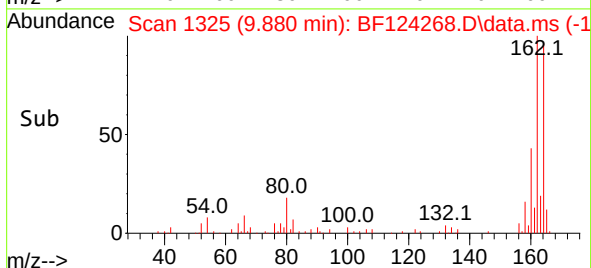
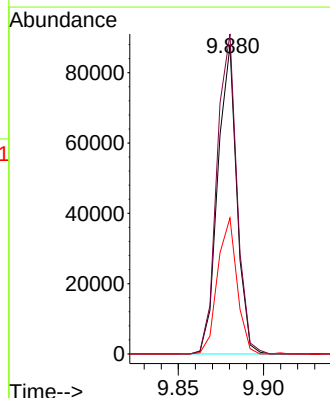
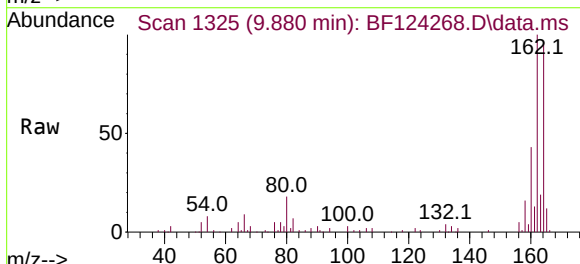
Instrument :
BNA_F
ClientSampleId :

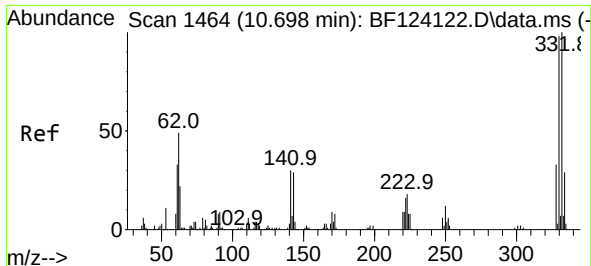
Tgt Ion: 82 Resp: 196297
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 11.8 17.8#



#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

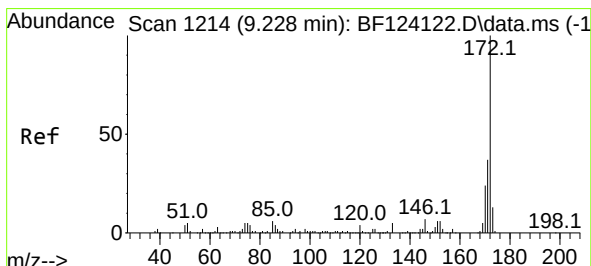
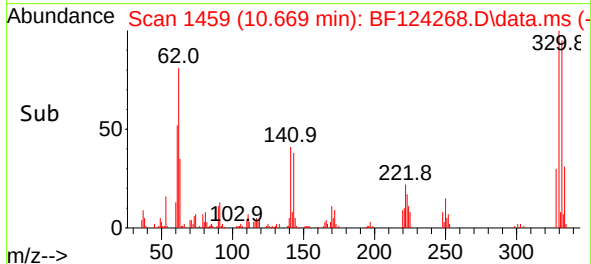
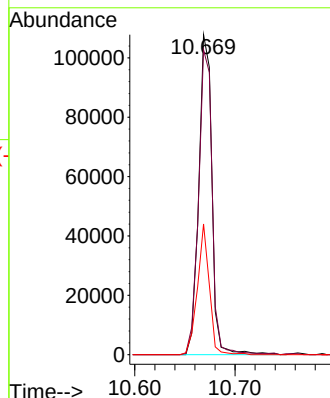
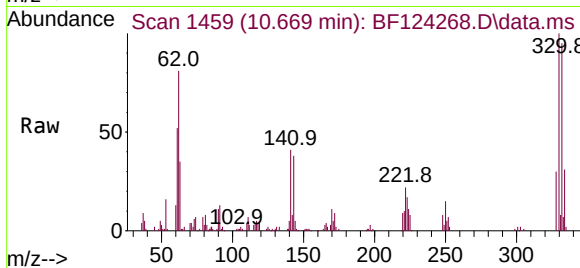




#42
2,4,6-Tribromophenol
Concen: 102.45 ng
RT: 10.669 min Scan# 1459
Delta R.T. -0.012 min
Lab File: BF124268.D
Acq: 11 Jun 2021 19:06

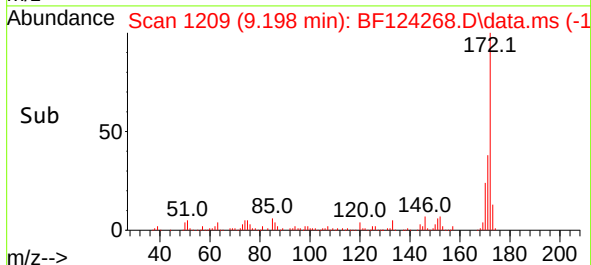
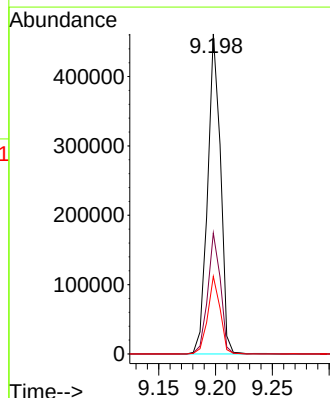
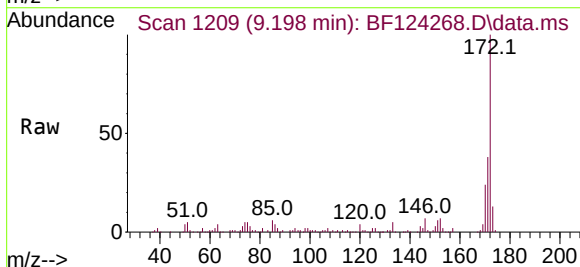
Instrument :
BNA_F
ClientSampleId :

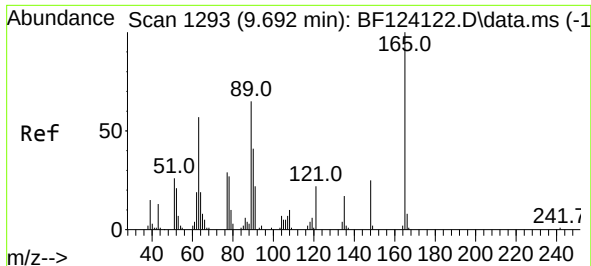
Tgt Ion: 330 Resp: 98910
Ion Ratio Lower Upper
330 100
332 98.7 77.1 115.7
141 36.9 27.9 41.9



#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

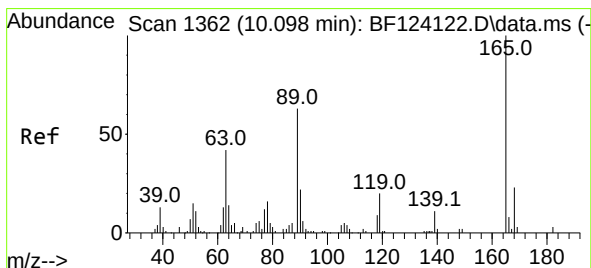
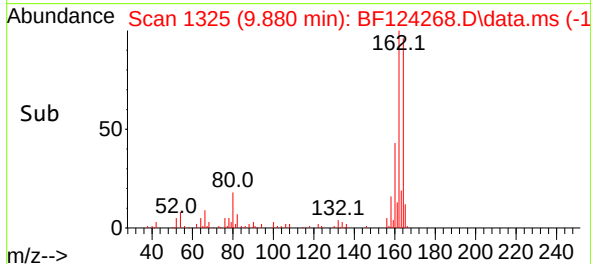
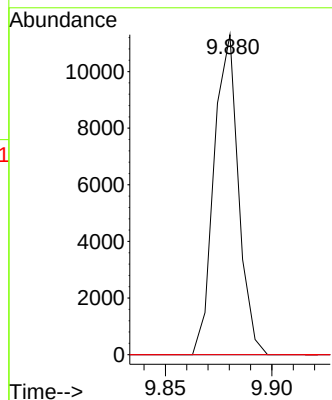
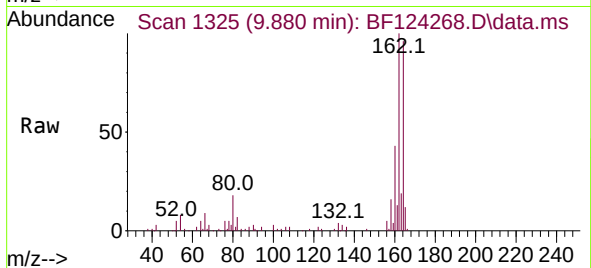




#51
2,6-Dinitrotoluene
Concen: 6.98 ng
RT: 9.880 min Scan# 1325
Delta R.T. 0.200 min
Lab File: BF124268.D
Acq: 11 Jun 2021 19:06

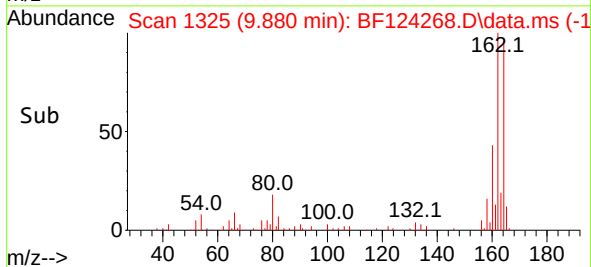
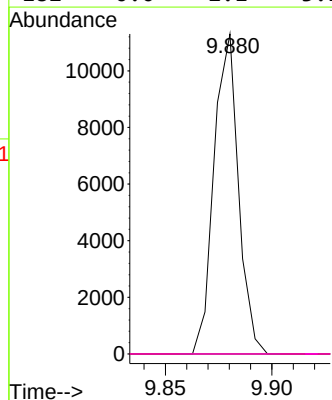
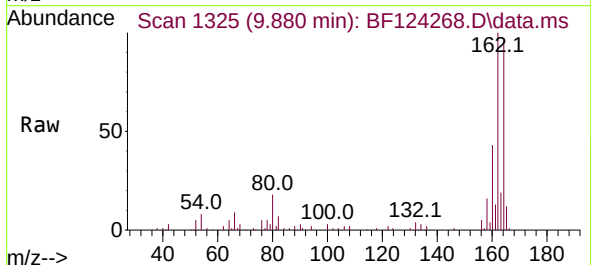
Instrument :
BNA_F
ClientSampled :

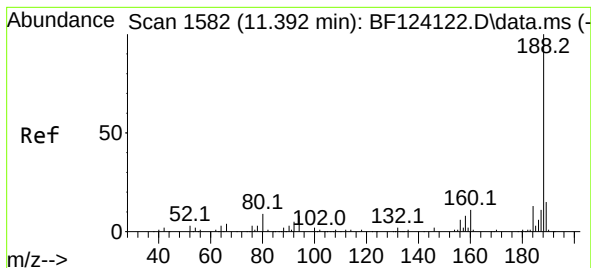
Tgt Ion:165 Resp: 9025
Ion Ratio Lower Upper
165 100
63 0.0 67.7 101.5#
89 0.0 58.8 88.2#



#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:165 Resp: 9025
Ion Ratio 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

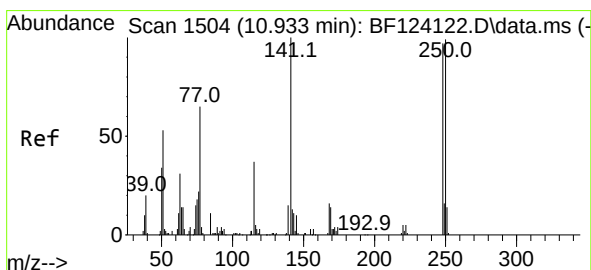
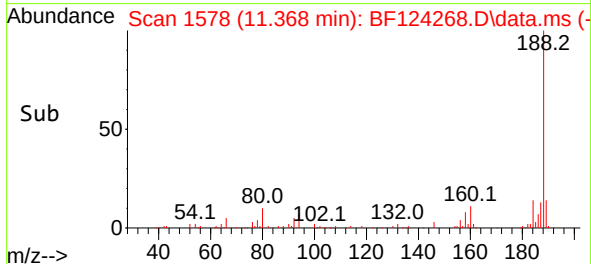
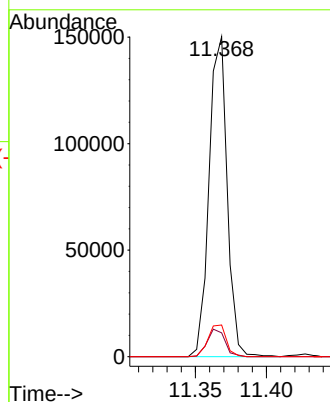
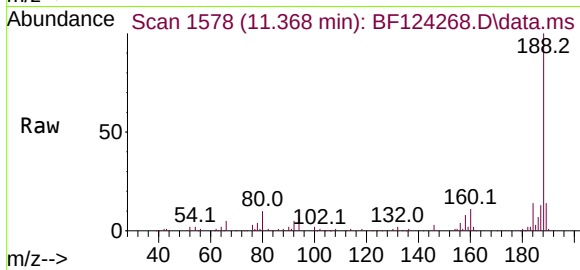
Tgt Ion:188 Resp: 132878

Ion Ratio 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

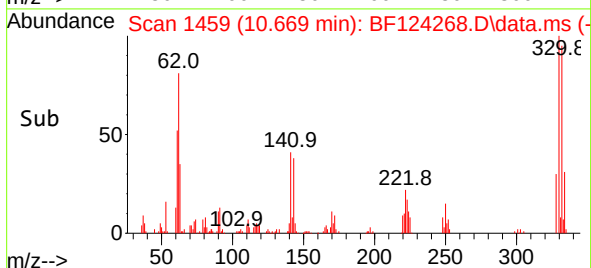
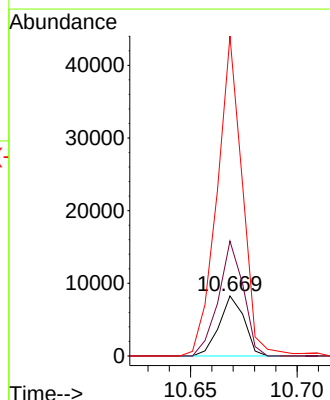
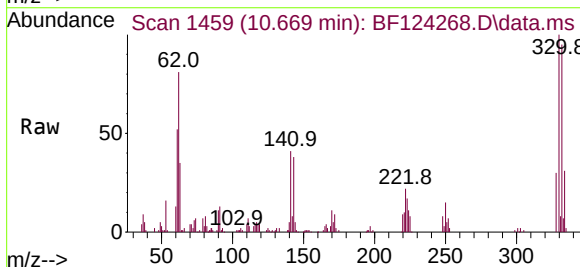
Tgt Ion:248 Resp: 6726

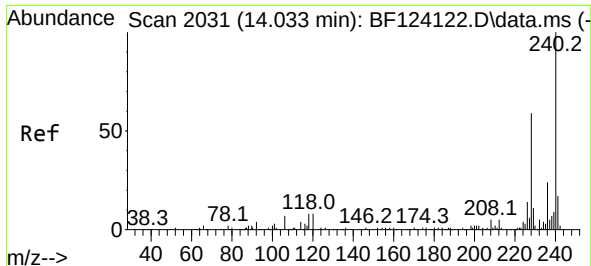
Ion Ratio Lower Upper

248 100

250 191.5 77.4 116.2#

141 533.6 63.7 95.5#

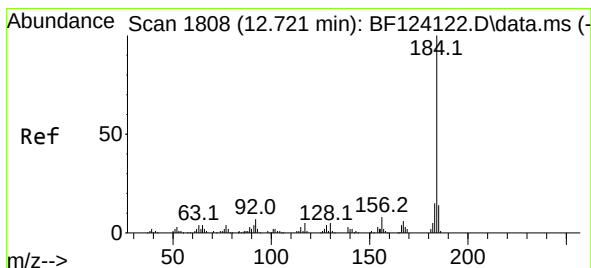
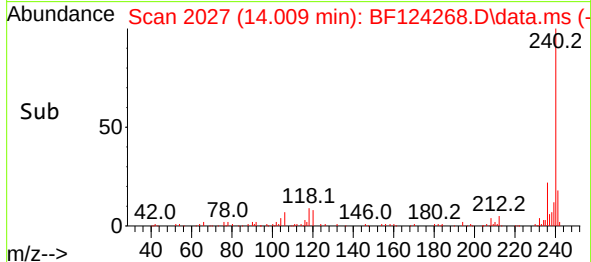
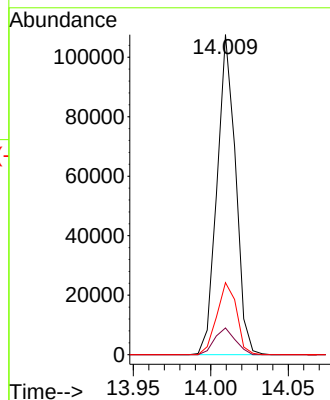
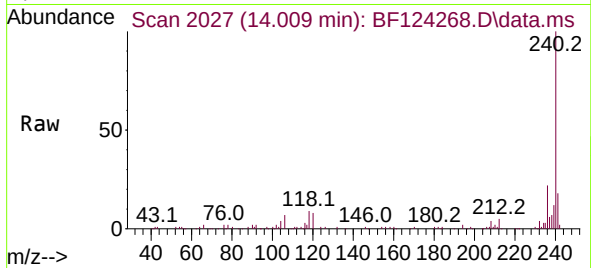




#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.009 min Scan# 2027
Delta R.T. -0.012 min
Lab File: BF124268.D
Acq: 11 Jun 2021 19:06

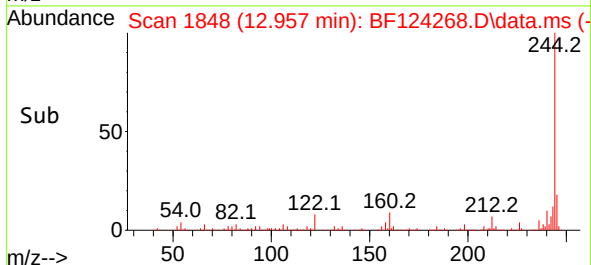
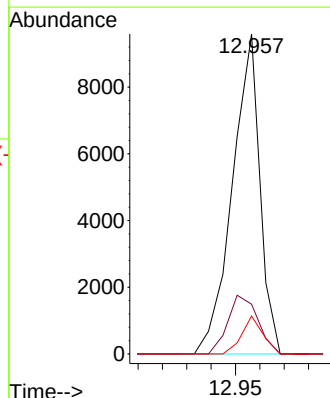
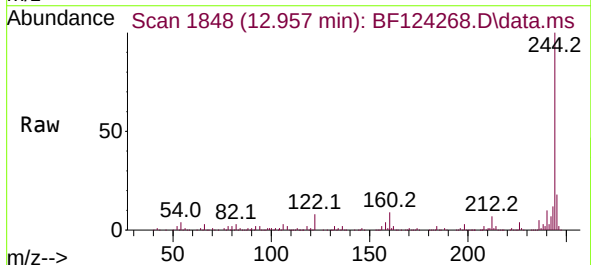
Instrument :
BNA_F
ClientSampleId :

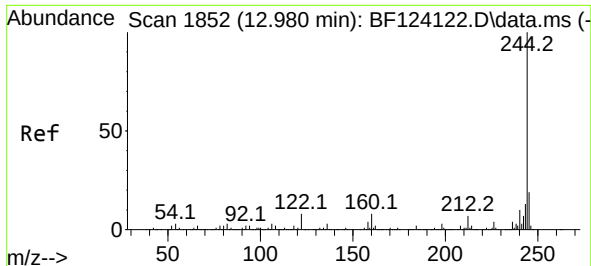
Tgt Ion:240 Resp: 89464
Ion Ratio Lower Upper
240 100
120 8.4 7.2 10.8
236 22.5 19.0 28.4



#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

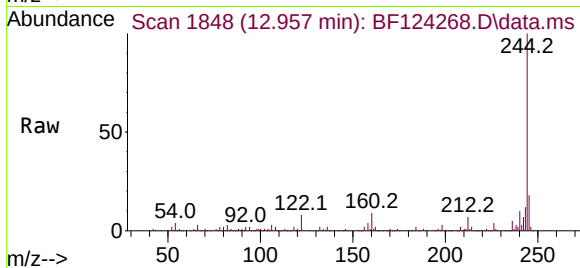
Tgt Ion:184 Resp: 7527
Ion Ratio Lower Upper
184 100
185 15.6 12.1 18.1
183 11.9 7.8 11.8#



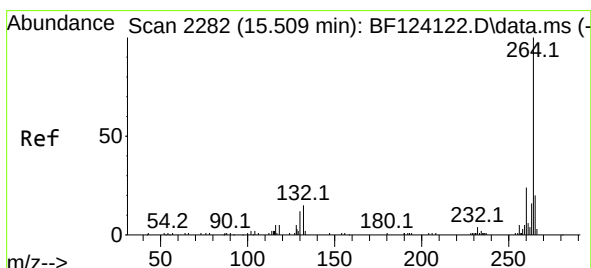
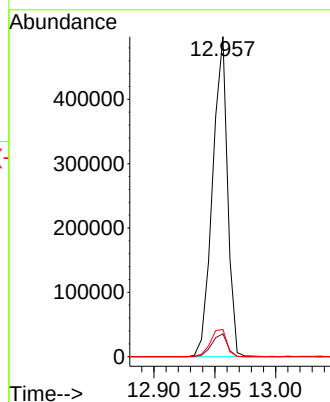
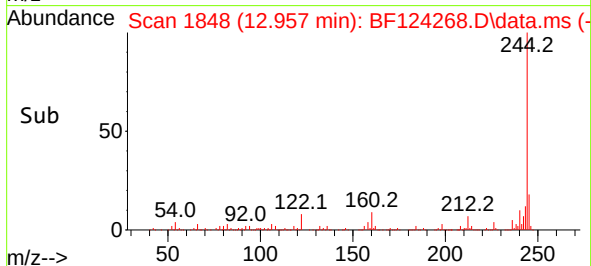


#79
 Terphenyl-d14
 Concen: 65.50 ng
 RT: 12.957 min Scan# 1848
 Delta R.T. -0.006 min
 Lab File: BF124268.D
 Acq: 11 Jun 2021 19:06

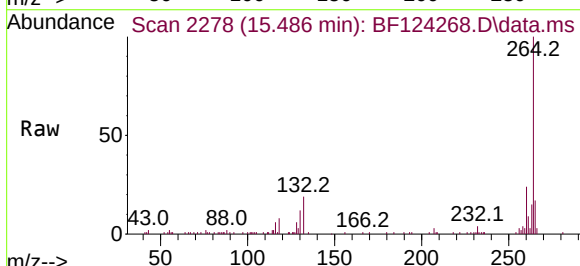
Instrument :
 BNA_F
 ClientSampleId :



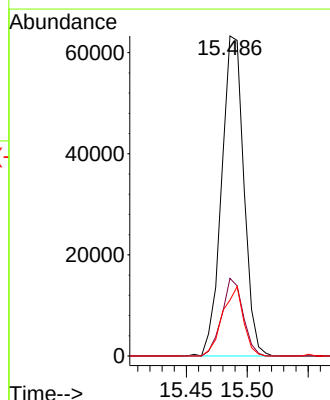
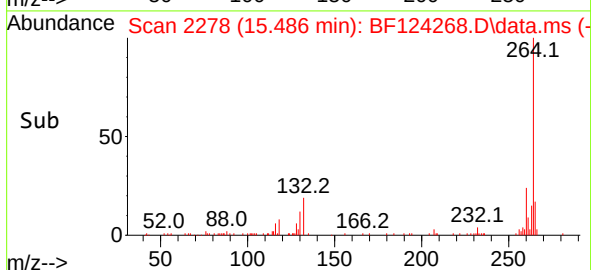
Tgt Ion:244 Resp: 426792
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.7 8.5
 122 8.5 9.7 14.5#

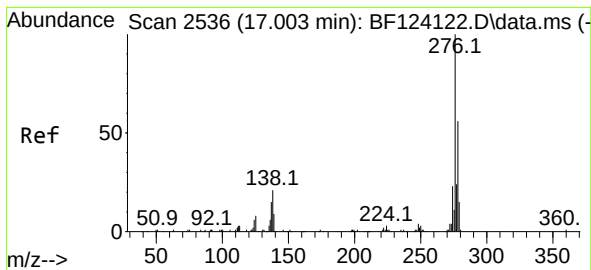


#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.486 min Scan# 2278
 Delta R.T. -0.006 min
 Lab File: BF124268.D
 Acq: 11 Jun 2021 19:06



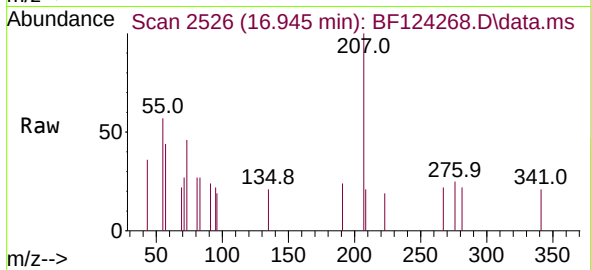
Tgt Ion:264 Resp: 80262
 Ion Ratio Lower Upper
 264 100
 260 24.2 18.7 28.1
 265 17.4 17.8 26.8#





#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
 ClientSampleId :



Tgt Ion:	276	Resp:	144
Ion	Ratio	Lower	Upper
276	100		
138	0.0	16.2	24.2#
277	0.0	20.1	30.1#

