

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061121\
 Data File : BF124269.D
 Acq On : 11 Jun 2021 19:38
 Operator : JU/CG
 Sample : M2625-09
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 11 23:46:38 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)

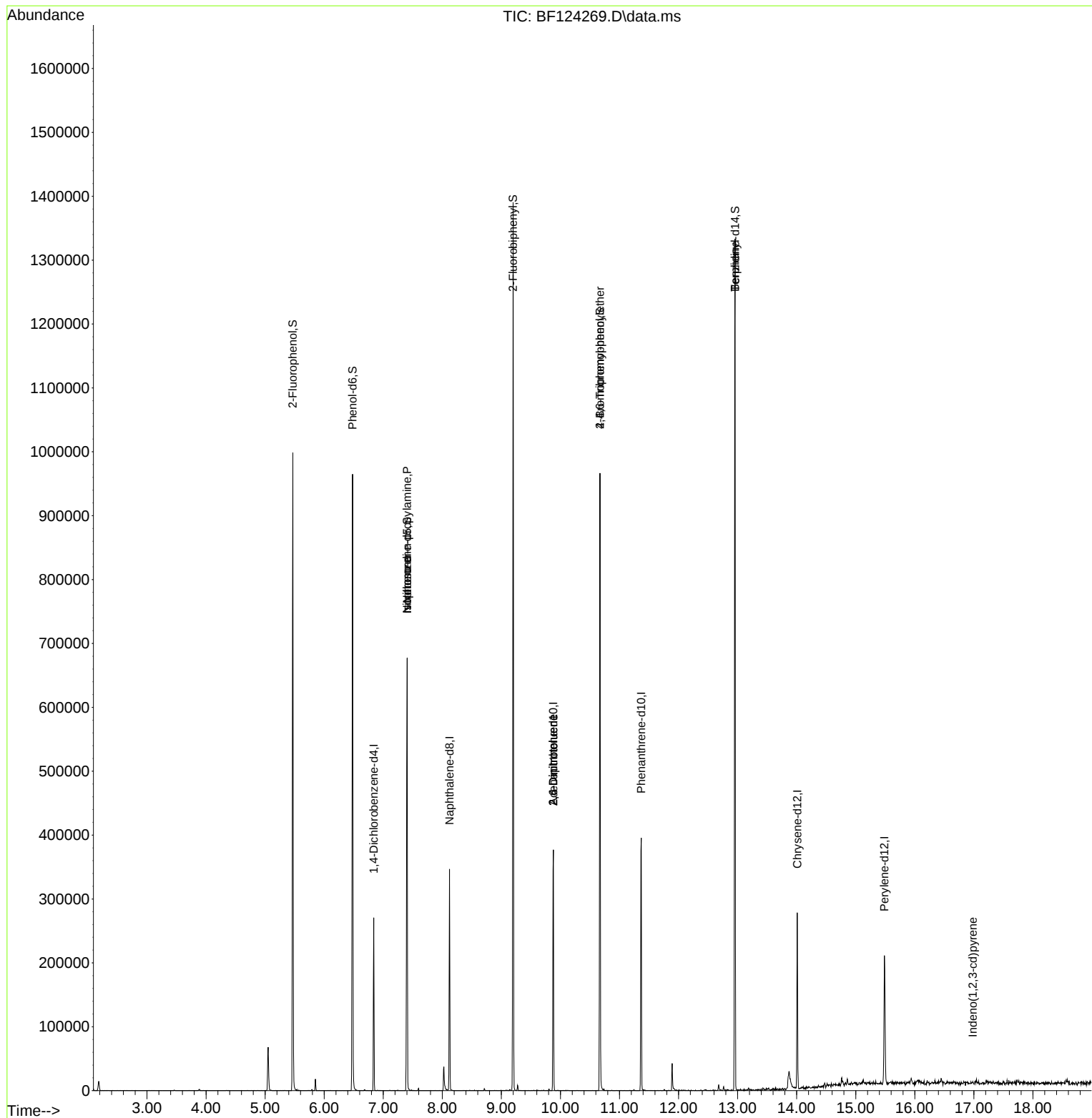
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.839	152	31250	20.00	ng	-0.01
21) Naphthalene-d8	8.122	136	119675	20.00	ng	-0.01
39) Acenaphthene-d10	9.880	164	73033	20.00	ng	-0.01
64) Phenanthrene-d10	11.369	188	135703	20.00	ng	0.00
76) Chrysene-d12	14.010	240	82461	20.00	ng	-0.01
86) Perylene-d12	15.486	264	81842	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	203129	97.85	ng	-0.01
7) Phenol-d6	6.481	99	258543	92.65	ng	-0.02
23) Nitrobenzene-d5	7.404	82	195720	64.86	ng	-0.01
42) 2,4,6-Tribromophenol	10.669	330	93916	90.77	ng	-0.01
45) 2-Fluorobiphenyl	9.198	172	357612	61.62	ng	-0.01
79) Terphenyl-d14	12.957	244	402744	67.06	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.404	70	29917	15.19	ng	# 67
25) Isophorone	7.404	82	195715	35.99	ng	# 69
51) 2,6-Dinitrotoluene	9.880	165	9570	6.91	ng	# 12
57) 2,4-Dinitrotoluene	9.880	165	9570	5.24	ng	# 18
67) 4-Bromophenyl-phenylether	10.669	248	7125	3.83	ng	# 1
77) Benzidine	12.957	184	7421	7.60	ng	# 95
87) Indeno(1,2,3-cd)pyrene	16.980	276	119	4.35	ng	# 53

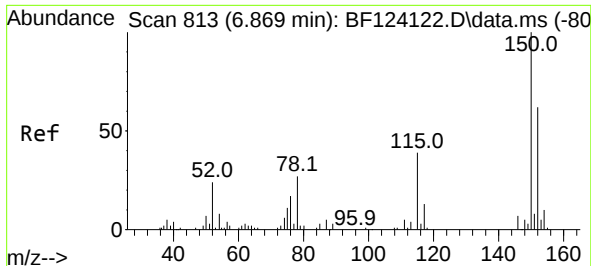
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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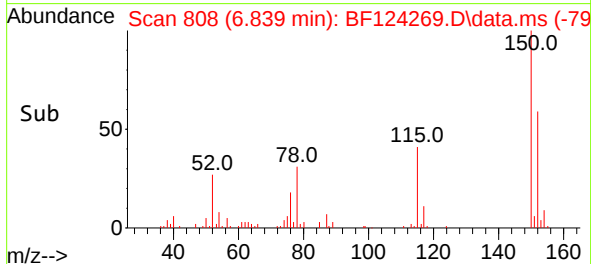
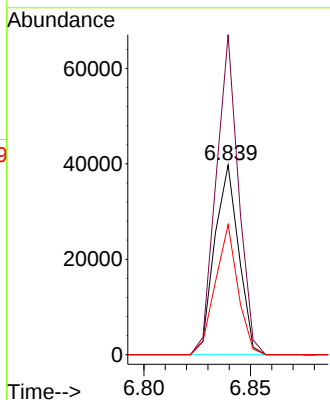
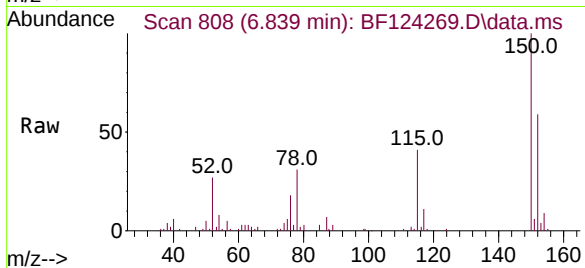




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.839 min Scan# 808
Delta R.T. -0.012 min
Lab File: BF124269.D
Acq: 11 Jun 2021 19:38

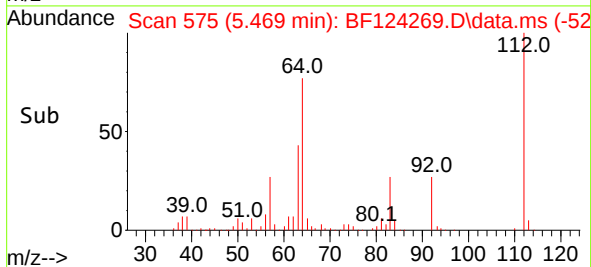
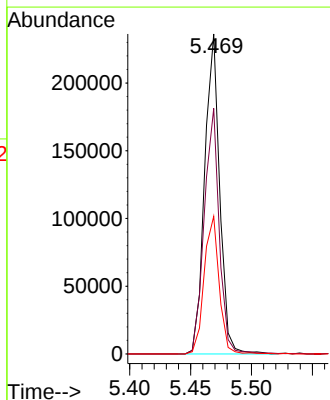
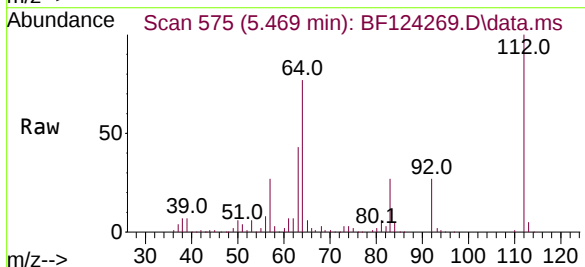
Instrument :
BNA_F
ClientSampleId :

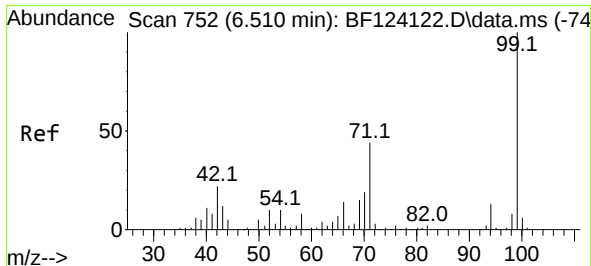
Tgt Ion:152 Resp: 31250
Ion Ratio Lower Upper
152 100
150 168.6 127.0 190.6
115 68.5 54.3 81.5



#5
2-Fluorophenol
Concen: 97.85 ng
RT: 5.469 min Scan# 575
Delta R.T. -0.012 min
Lab File: BF124269.D
Acq: 11 Jun 2021 19:38

Tgt Ion:112 Resp: 203129
Ion Ratio Lower Upper
112 100
64 76.8 61.4 92.0
63 43.0 33.0 49.4

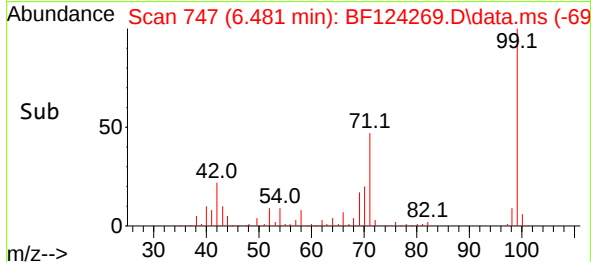
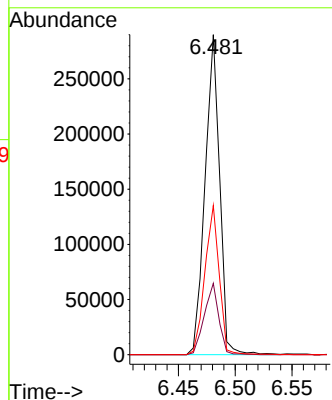
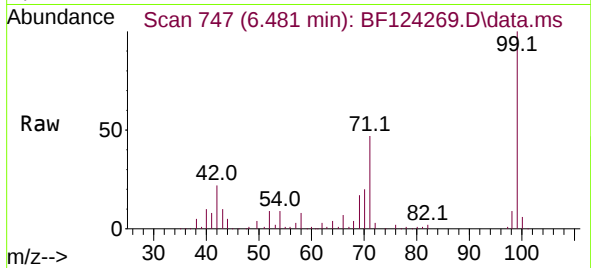




#7
Phenol-d6
Concen: 92.65 ng
RT: 6.481 min Scan# 747
Delta R.T. -0.018 min
Lab File: BF124269.D
Acq: 11 Jun 2021 19:38

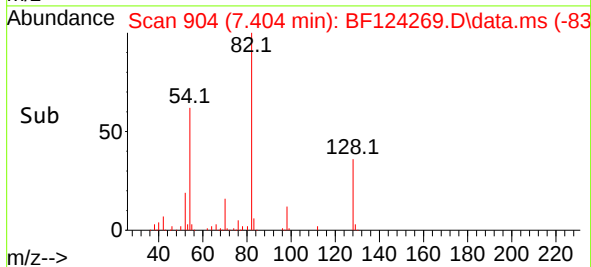
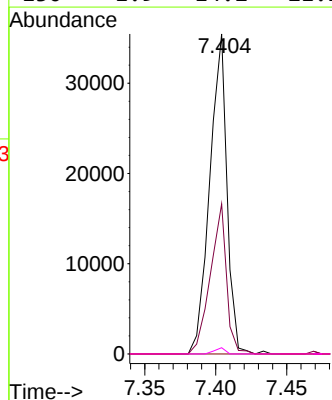
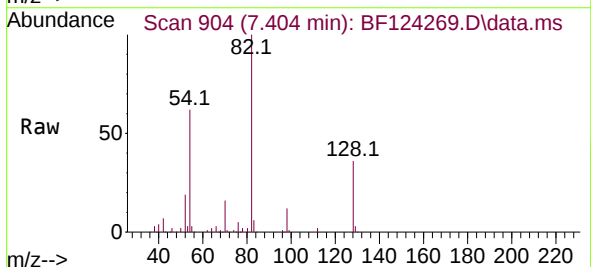
Instrument :
BNA_F
ClientSampleId :

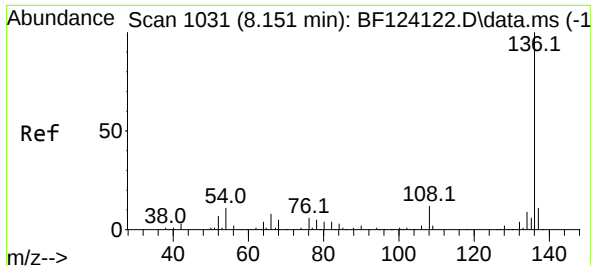
Tgt Ion: 99 Resp: 258543
Ion Ratio Lower Upper
99 100
42 22.3 19.8 29.8
71 46.6 31.1 46.7



#19
n-Nitroso-di-n-propylamine
Concen: 15.19 ng
RT: 7.404 min Scan# 904
Delta R.T. 0.135 min
Lab File: BF124269.D
Acq: 11 Jun 2021 19:38

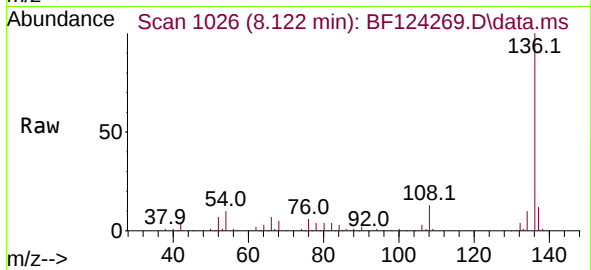
Tgt Ion: 70 Resp: 29917
Ion Ratio Lower Upper
70 100
42 46.9 60.1 90.1#
101 0.0 7.4 11.2#
130 1.9 14.2 21.2#



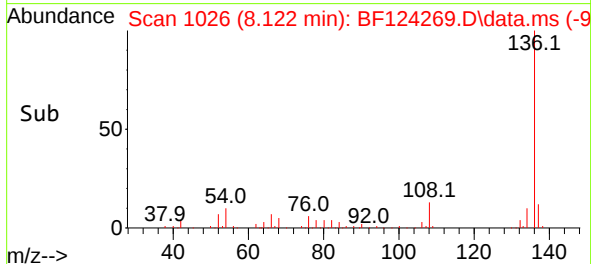
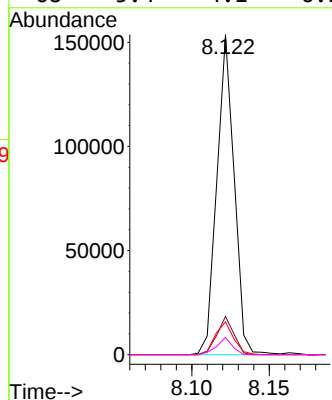


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.012 min
Lab File: BF124269.D
Acq: 11 Jun 2021 19:38

Instrument :
BNA_F
ClientSampleId :

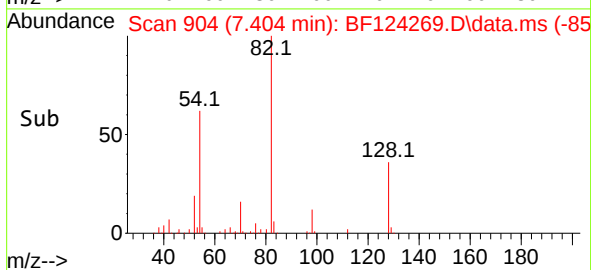
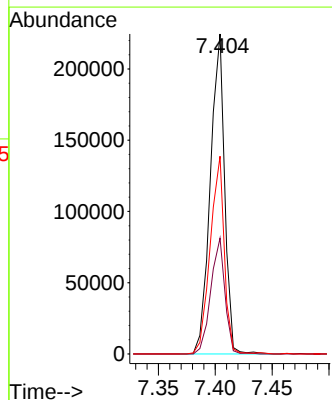
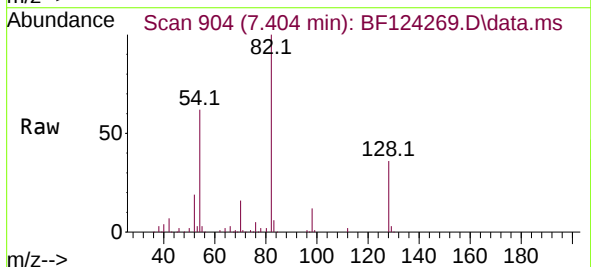


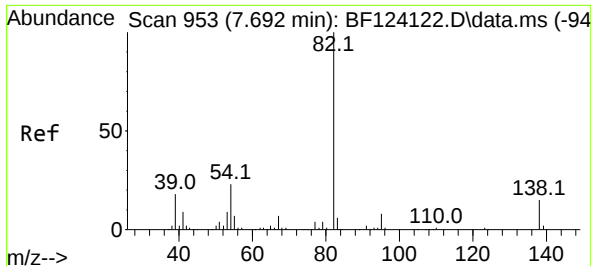
Tgt Ion:136	Resp:	119675
Ion Ratio	Lower	Upper
136	100	
137	12.0	8.7 13.1
54	10.2	9.8 14.6
68	5.4	4.1 6.1



#23
Nitrobenzene-d5
Concen: 64.86 ng
RT: 7.404 min Scan# 904
Delta R.T. -0.012 min
Lab File: BF124269.D
Acq: 11 Jun 2021 19:38

Tgt Ion: 82	Resp:	195720
Ion Ratio	Lower	Upper
82	100	
128	36.2	29.4 44.2
54	61.8	54.1 81.1

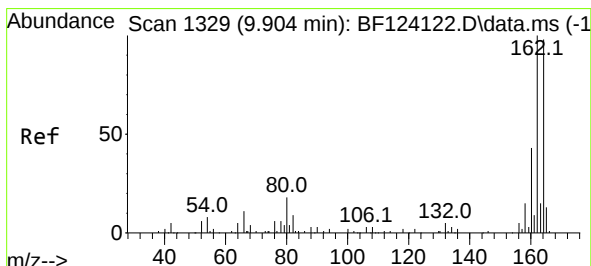
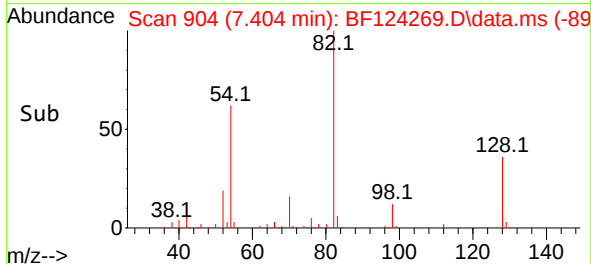
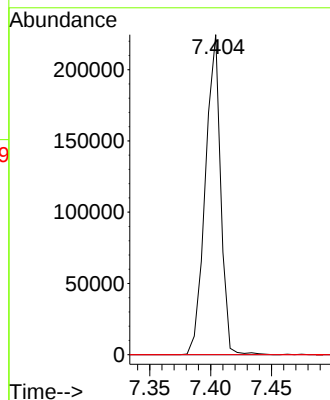
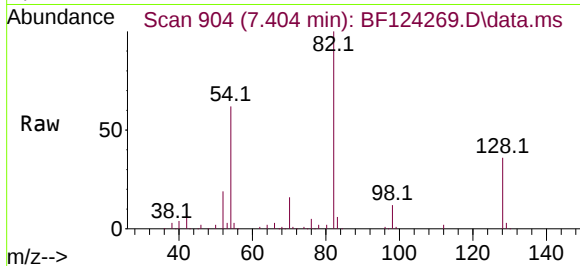




#25
Isophorone
Concen: 35.99 ng
RT: 7.404 min Scan# 904
Delta R.T. -0.270 min
Lab File: BF124269.D
Acq: 11 Jun 2021 19:38

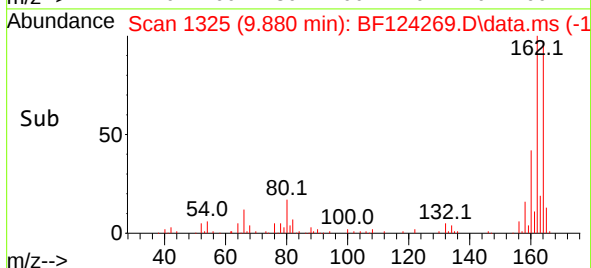
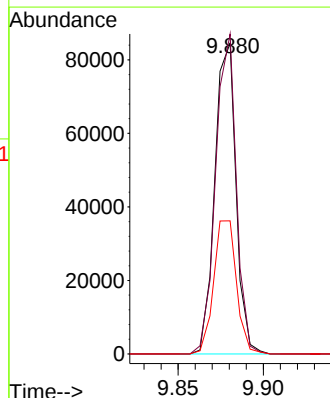
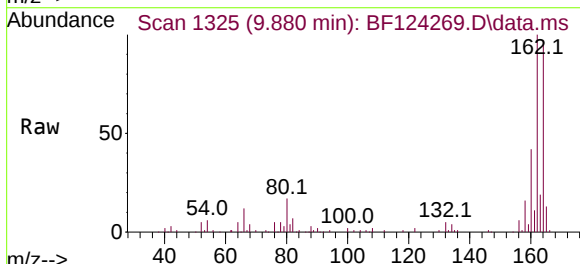
Instrument :
BNA_F
ClientSampleId :

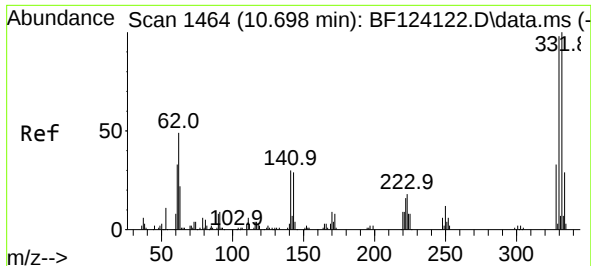
Tgt Ion: 82 Resp: 195715
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 11.8 17.8#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.880 min Scan# 1325
Delta R.T. -0.012 min
Lab File: BF124269.D
Acq: 11 Jun 2021 19:38

Tgt Ion: 164 Resp: 73033
Ion Ratio Lower Upper
164 100
162 102.9 80.7 121.1
160 42.8 37.3 55.9

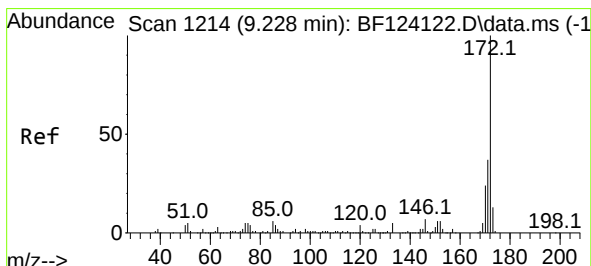
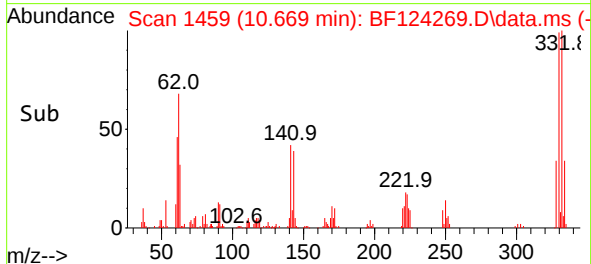
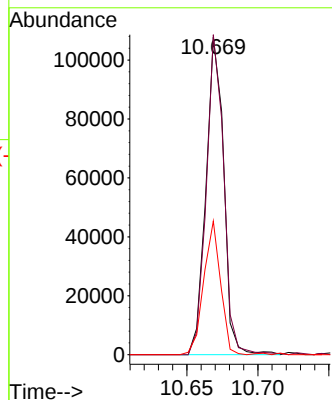
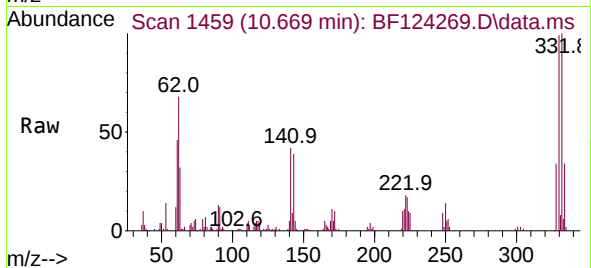




#42
2,4,6-Tribromophenol
Concen: 90.77 ng
RT: 10.669 min Scan# 1459
Delta R.T. -0.012 min
Lab File: BF124269.D
Acq: 11 Jun 2021 19:38

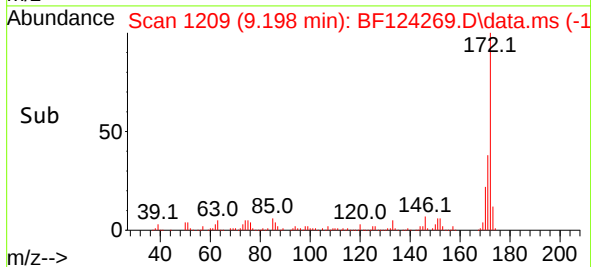
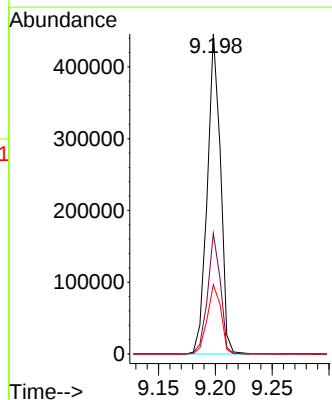
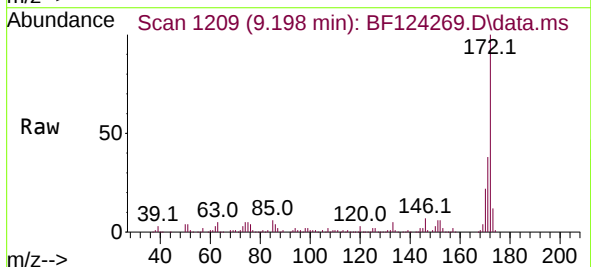
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BNA_F
ClientSampled :

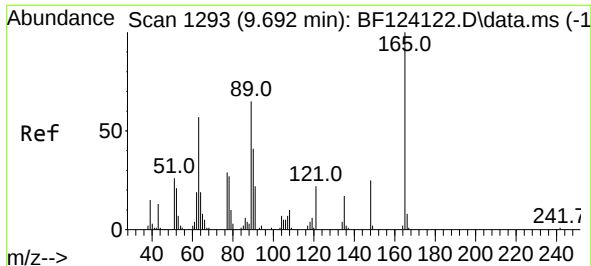
Tgt Ion: 330 Resp: 93916
Ion Ratio Lower Upper
330 100
332 98.9 77.1 115.7
141 39.7 27.9 41.9



#45
2-Fluorobiphenyl
Concen: 61.62 ng
RT: 9.198 min Scan# 1209
Delta R.T. -0.012 min
Lab File: BF124269.D
Acq: 11 Jun 2021 19:38

Tgt Ion: 172 Resp: 357612
Ion Ratio Lower Upper
172 100
171 37.7 28.1 42.1
170 21.6 19.2 28.8

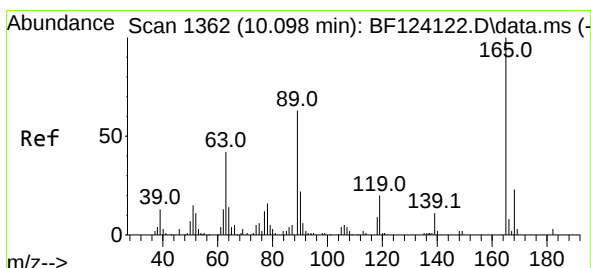
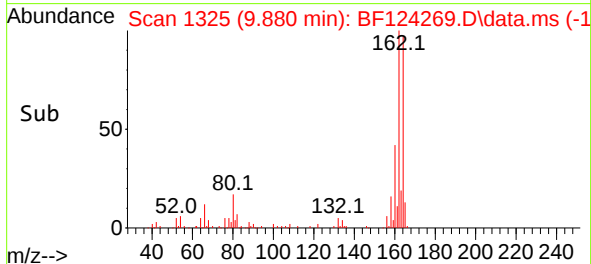
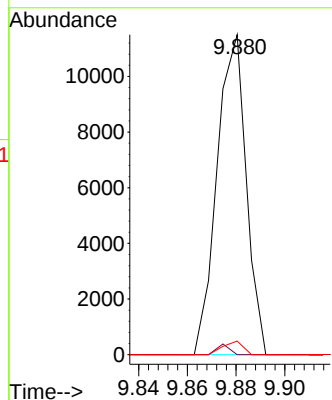
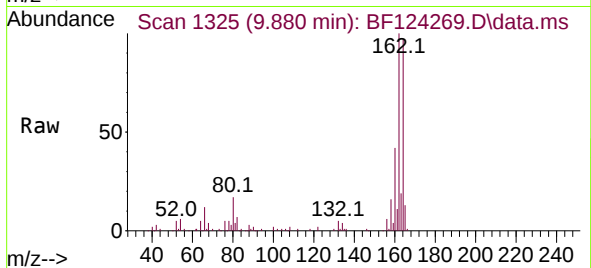




#51
2,6-Dinitrotoluene
Concen: 6.91 ng
RT: 9.880 min Scan# 1325
Delta R.T. 0.200 min
Lab File: BF124269.D
Acq: 11 Jun 2021 19:38

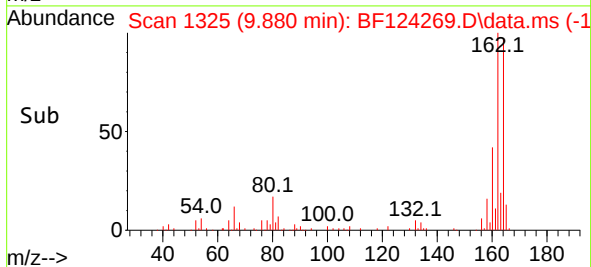
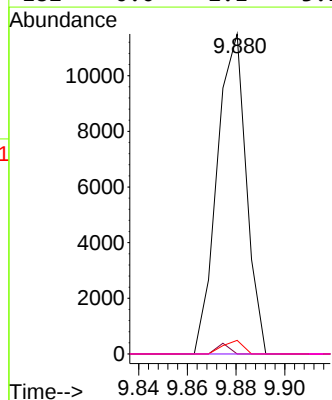
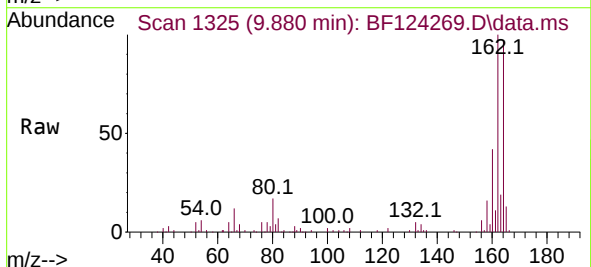
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BNA_F
ClientSampleId :

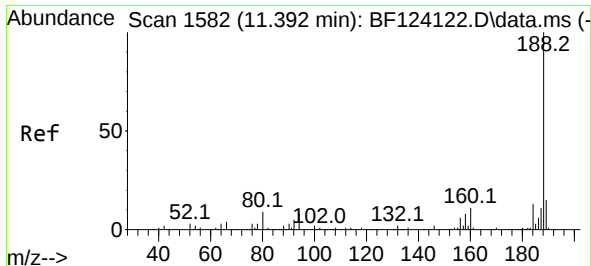
Tgt Ion:165 Resp: 9570
Ion Ratio Lower Upper
165 100
63 0.0 67.7 101.5#
89 4.2 58.8 88.2#



#57
2,4-Dinitrotoluene
Concen: 5.24 ng
RT: 9.880 min Scan# 1325
Delta R.T. -0.206 min
Lab File: BF124269.D
Acq: 11 Jun 2021 19:38

Tgt Ion:165 Resp: 9570
Ion Ratio Lower Upper
165 100
63 0.0 43.5 65.3#
89 4.2 67.7 101.5#
182 0.0 2.1 3.1#

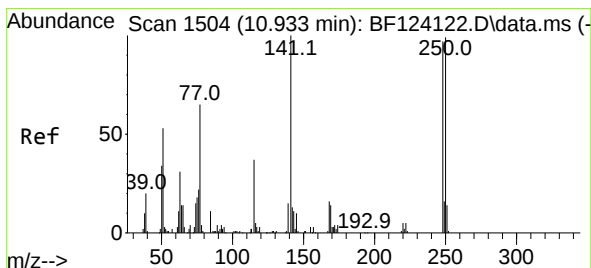
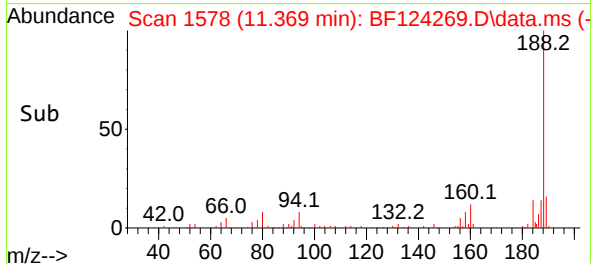
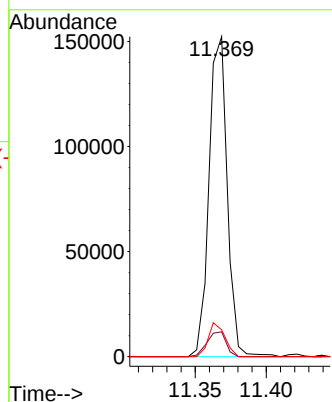
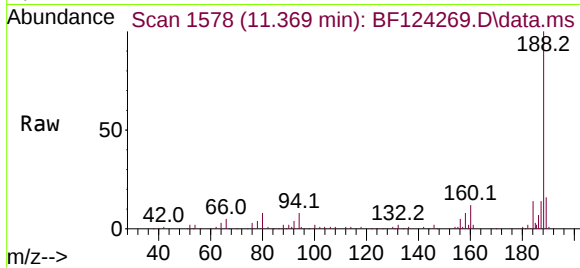




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.369 min Scan# 1578
Delta R.T. -0.006 min
Lab File: BF124269.D
Acq: 11 Jun 2021 19:38

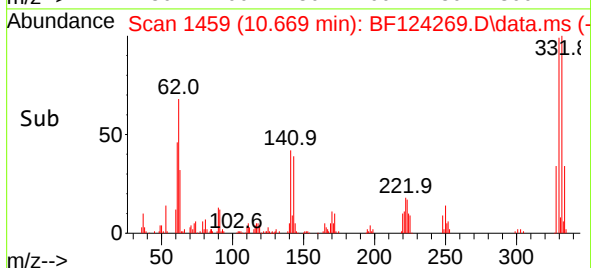
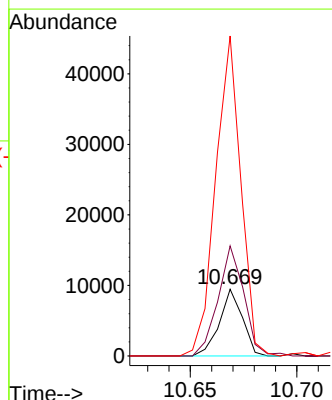
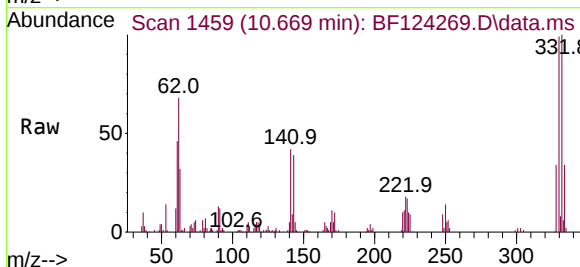
Instrument :
BNA_F
ClientSampled :

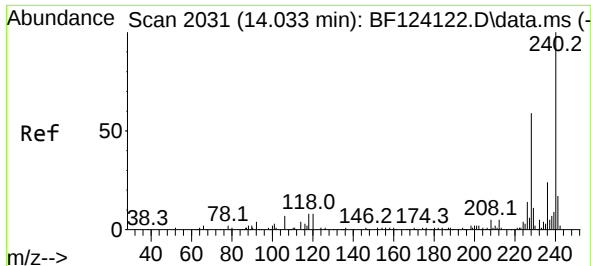
Tgt Ion:188 Resp: 135703
Ion Ratio Lower Upper
188 100
94 7.7 6.9 10.3
80 8.4 8.2 12.2



#67
4-Bromophenyl-phenylether
Concen: 3.83 ng
RT: 10.669 min Scan# 1459
Delta R.T. -0.253 min
Lab File: BF124269.D
Acq: 11 Jun 2021 19:38

Tgt Ion:248 Resp: 7125
Ion Ratio Lower Upper
248 100
250 164.8 77.4 116.2#
141 479.2 63.7 95.5#

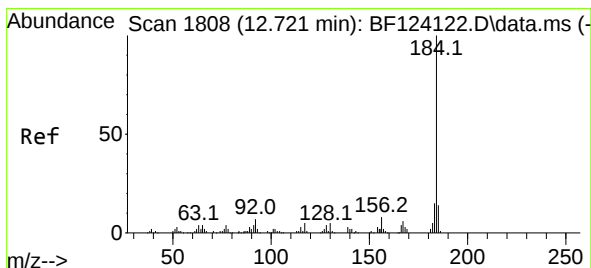
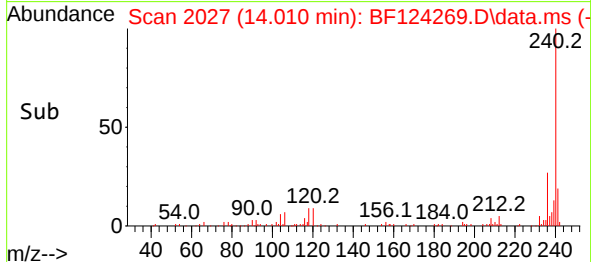
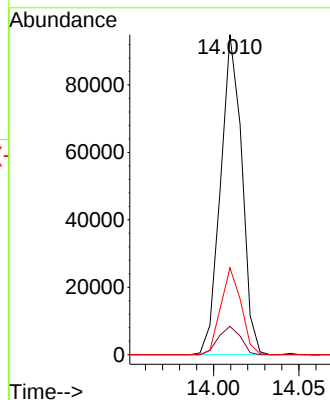
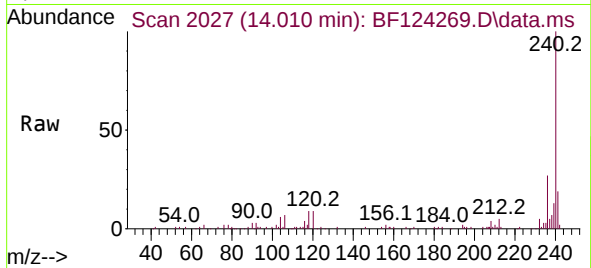




#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.010 min Scan# 2027
Delta R.T. -0.012 min
Lab File: BF124269.D
Acq: 11 Jun 2021 19:38

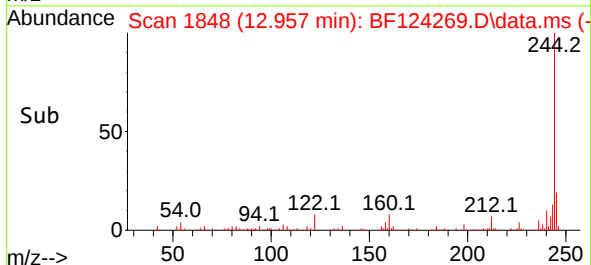
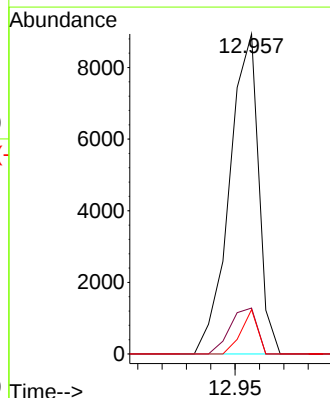
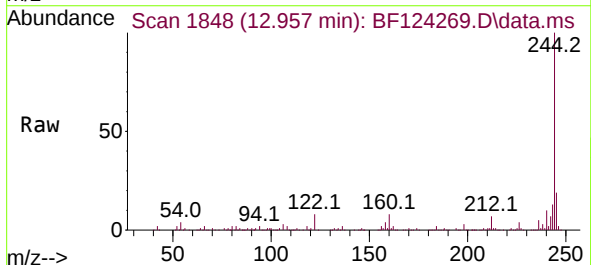
Instrument :
BNA_F
ClientSampled :

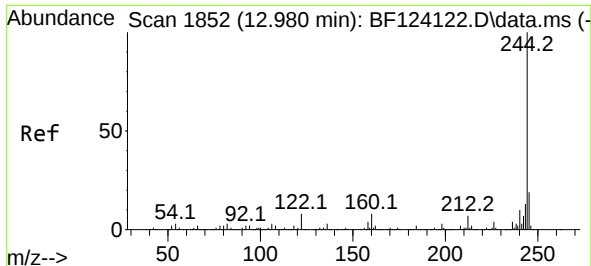
Tgt Ion:240 Resp: 82461
Ion Ratio Lower Upper
240 100
120 8.8 7.2 10.8
236 27.2 19.0 28.4



#77
Benzidine
Concen: 7.60 ng
RT: 12.957 min Scan# 1848
Delta R.T. 0.247 min
Lab File: BF124269.D
Acq: 11 Jun 2021 19:38

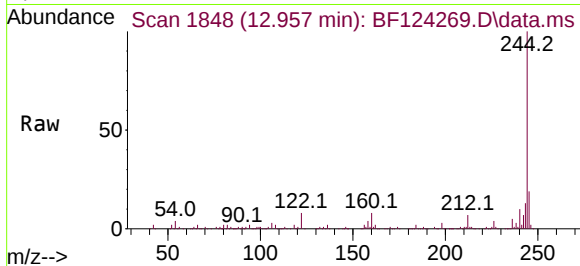
Tgt Ion:184 Resp: 7421
Ion Ratio Lower Upper
184 100
185 14.3 12.1 18.1
183 13.9 7.8 11.8#



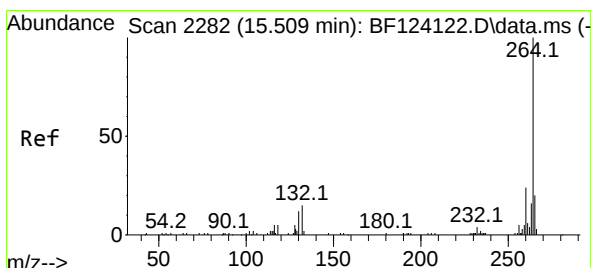
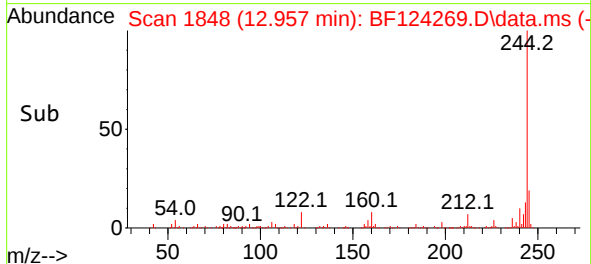
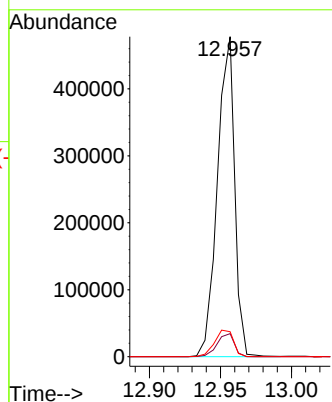


#79
 Terphenyl-d14
 Concen: 67.06 ng
 RT: 12.957 min Scan# 1848
 Delta R.T. -0.006 min
 Lab File: BF124269.D
 Acq: 11 Jun 2021 19:38

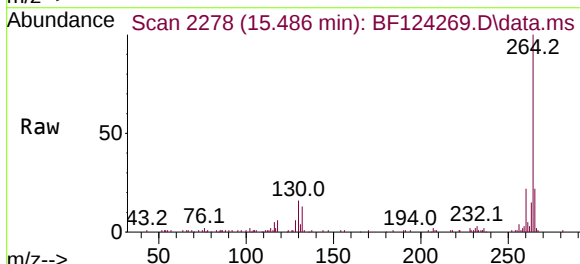
Instrument :
 BNA_F
 ClientSampled :



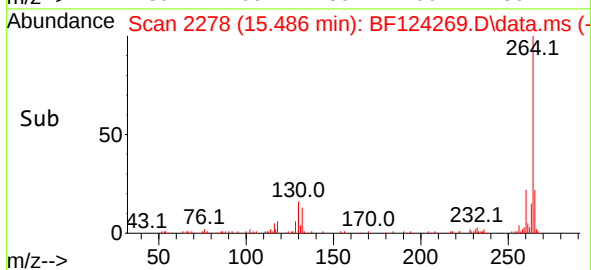
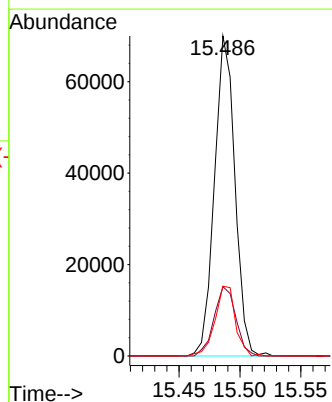
Tgt Ion:244 Resp: 402744
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.7 8.5
 122 7.8 9.7 14.5#

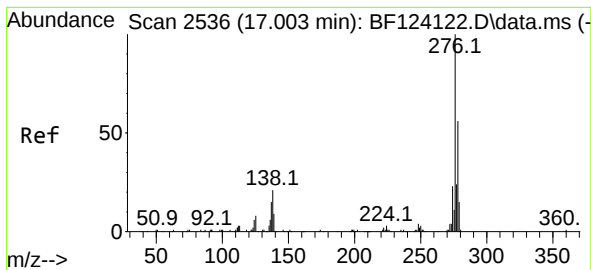


#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.486 min Scan# 2278
 Delta R.T. -0.006 min
 Lab File: BF124269.D
 Acq: 11 Jun 2021 19:38



Tgt Ion:264 Resp: 81842
 Ion Ratio Lower Upper
 264 100
 260 21.6 18.7 28.1
 265 21.8 17.8 26.8





#87
 Indeno(1,2,3-cd)pyrene
 Concen: 4.35 ng
 RT: 16.980 min Scan# 2532
 Delta R.T. 0.000 min
 Lab File: BF124269.D
 Acq: 11 Jun 2021 19:38

Instrument :
 BNA_F
 ClientSampleId :

Tgt Ion:276 Resp: 119
 Ion Ratio Lower Upper
 276 100
 138 0.0 16.2 24.2#
 277 0.0 20.1 30.1#

