

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061121\
 Data File : BF124266.D
 Acq On : 11 Jun 2021 18:01
 Operator : JU/CG
 Sample : M2625-02
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 11 23:46:12 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)

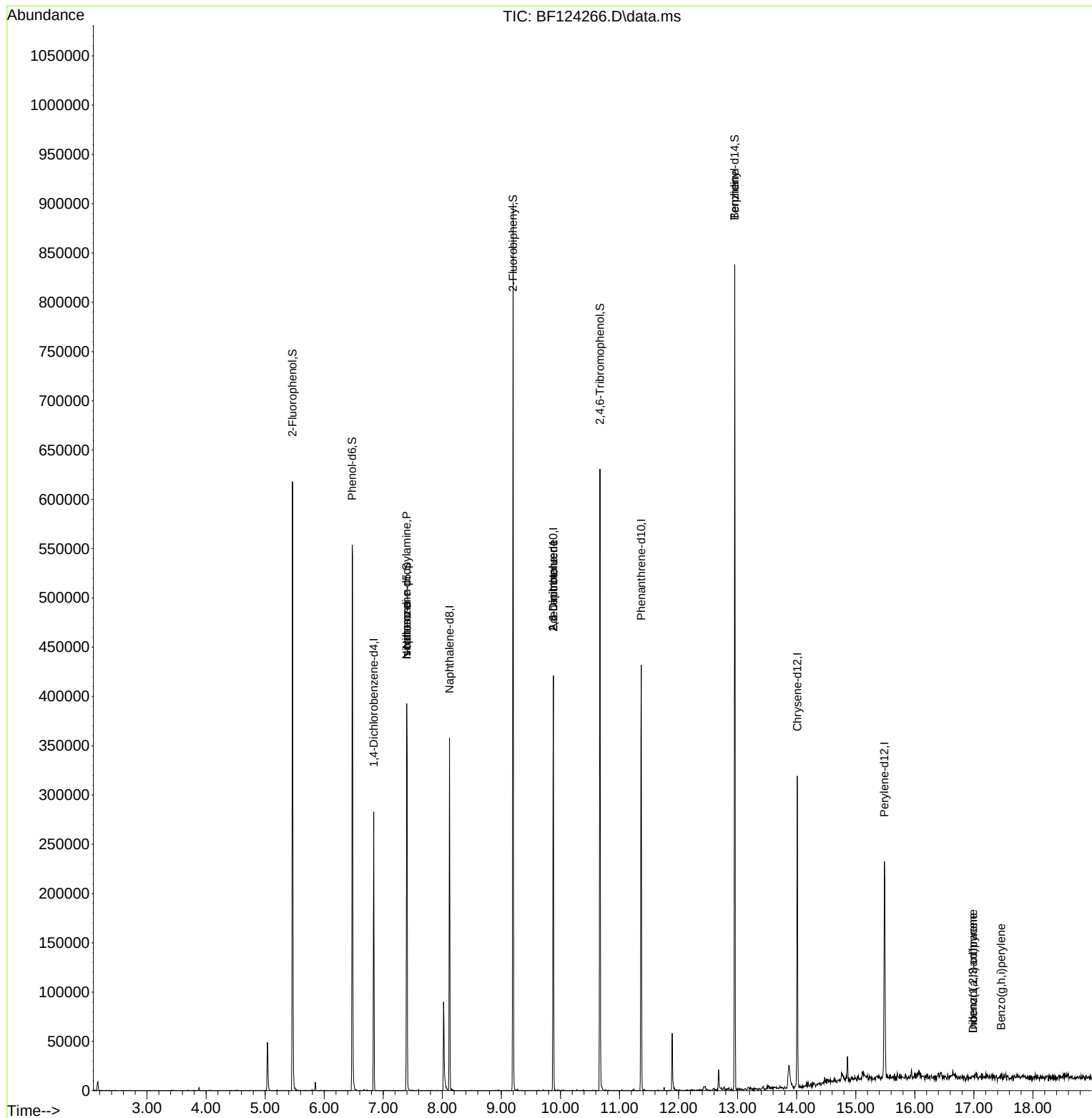
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.839	152	33819	20.00	ng	-0.01
21) Naphthalene-d8	8.122	136	121525	20.00	ng	-0.01
39) Acenaphthene-d10	9.880	164	73788	20.00	ng	-0.01
64) Phenanthrene-d10	11.369	188	151824	20.00	ng	# 0.00
76) Chrysene-d12	14.010	240	94535	20.00	ng	-0.01
86) Perylene-d12	15.486	264	88238	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.463	112	123313	54.89	ng	-0.02
7) Phenol-d6	6.475	99	153146	50.71	ng	-0.02
23) Nitrobenzene-d5	7.398	82	117408	38.32	ng	-0.02
42) 2,4,6-Tribromophenol	10.669	330	59020	56.46	ng	-0.01
45) 2-Fluorobiphenyl	9.198	172	210157	35.84	ng	-0.01
79) Terphenyl-d14	12.951	244	235571	34.21	ng	-0.01
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.398	70	15679	7.36	ng	# 66
25) Isophorone	7.398	82	117406	21.26	ng	# 69
51) 2,6-Dinitrotoluene	9.880	165	9094	6.50	ng	# 12
57) 2,4-Dinitrotoluene	9.880	165	9094	4.93	ng	# 17
77) Benzidine	12.951	184	4134	5.78	ng	# 88
87) Indeno(1,2,3-cd)pyrene	16.986	276	238	4.36	ng	# 53
91) Dibenzo(a,h)anthracene	16.986	278	117	4.19	ng	# 57
92) Benzo(g,h,i)perylene	17.462	276	114	3.82	ng	# 56

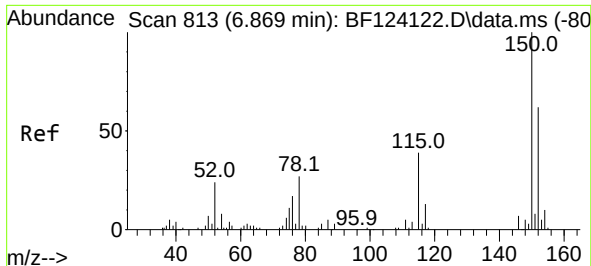
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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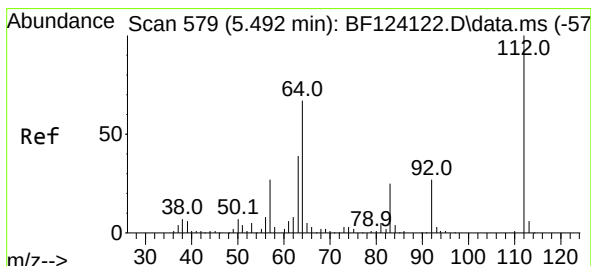
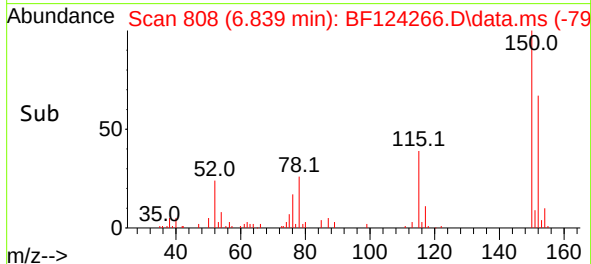
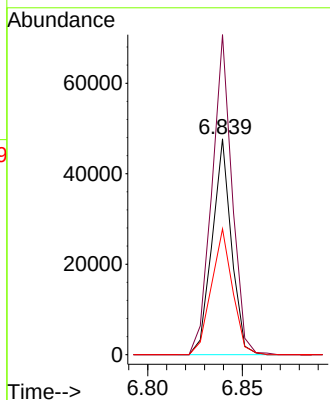
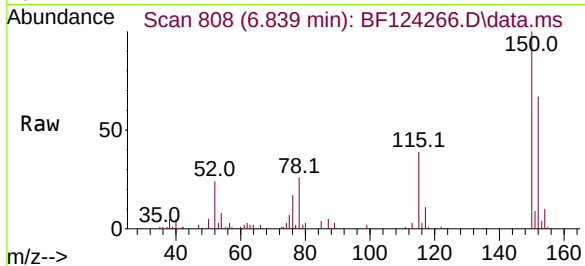




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.839 min Scan# 808
Delta R.T. -0.012 min
Lab File: BF124266.D
Acq: 11 Jun 2021 18:01

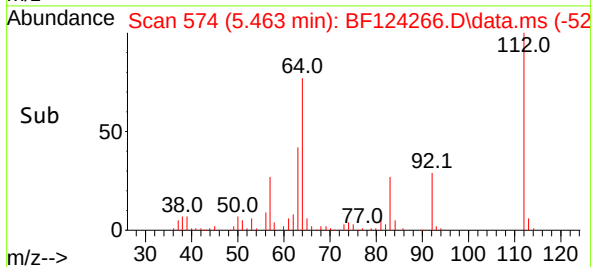
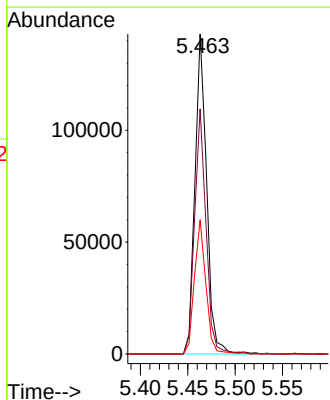
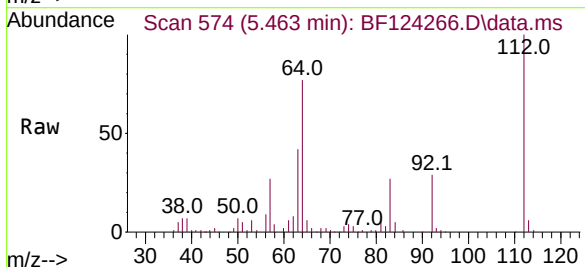
Instrument :
BNA_F
ClientSampleId :

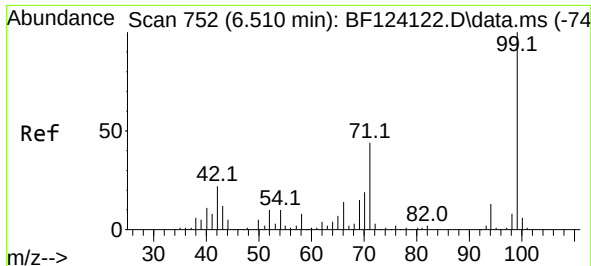
Tgt Ion:152 Resp: 33819
Ion Ratio Lower Upper
152 100
150 148.3 127.0 190.6
115 58.3 54.3 81.5



#5
2-Fluorophenol
Concen: 54.89 ng
RT: 5.463 min Scan# 574
Delta R.T. -0.018 min
Lab File: BF124266.D
Acq: 11 Jun 2021 18:01

Tgt Ion:112 Resp: 123313
Ion Ratio Lower Upper
112 100
64 76.6 61.4 92.0
63 41.9 33.0 49.4

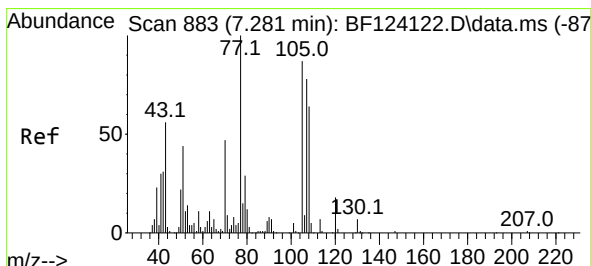
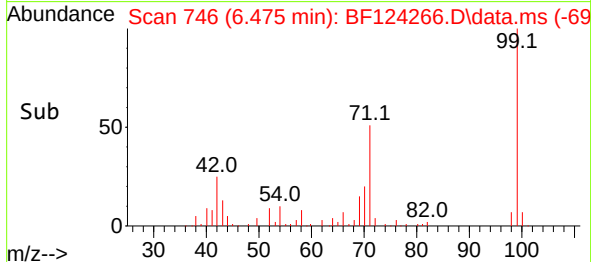
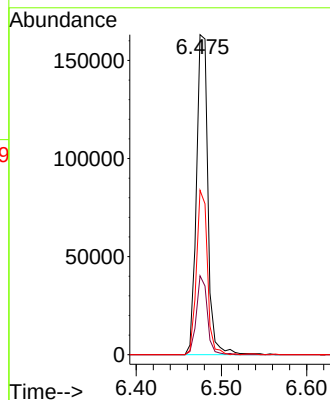
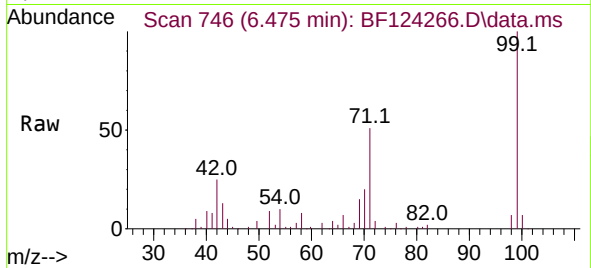




#7
Phenol-d6
Concen: 50.71 ng
RT: 6.475 min Scan# 746
Delta R.T. -0.023 min
Lab File: BF124266.D
Acq: 11 Jun 2021 18:01

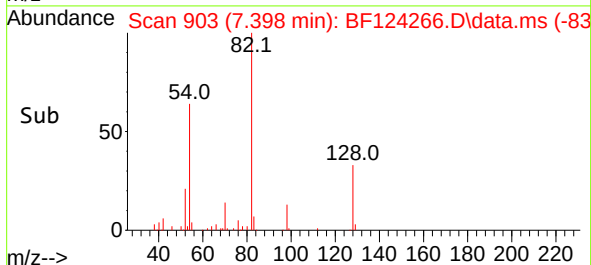
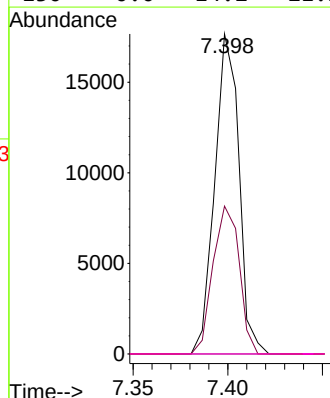
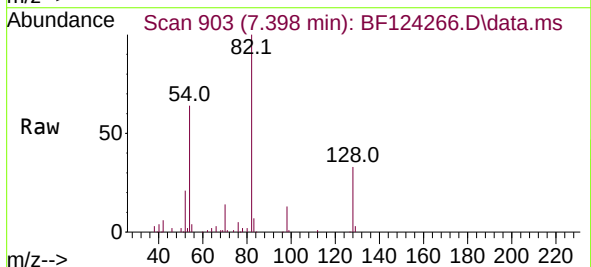
Instrument :
BNA_F
ClientSampled :

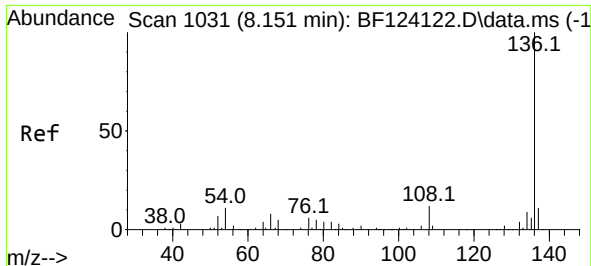
Tgt Ion: 99 Resp: 153146
Ion Ratio Lower Upper
99 100
42 24.7 19.8 29.8
71 51.4 31.1 46.7#



#19
n-Nitroso-di-n-propylamine
Concen: 7.36 ng
RT: 7.398 min Scan# 903
Delta R.T. 0.130 min
Lab File: BF124266.D
Acq: 11 Jun 2021 18:01

Tgt Ion: 70 Resp: 15679
Ion Ratio Lower Upper
70 100
42 46.2 60.1 90.1#
101 0.0 7.4 11.2#
130 0.0 14.2 21.2#

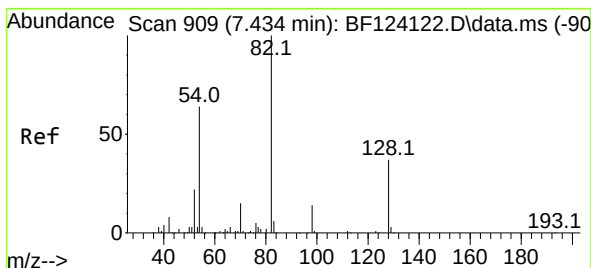
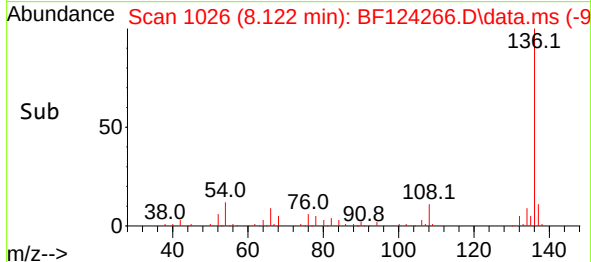
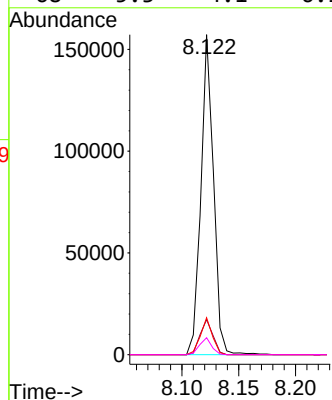
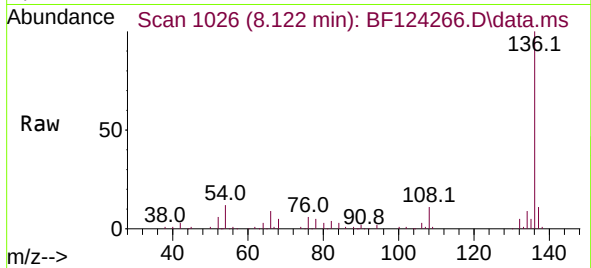




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.012 min
Lab File: BF124266.D
Acq: 11 Jun 2021 18:01

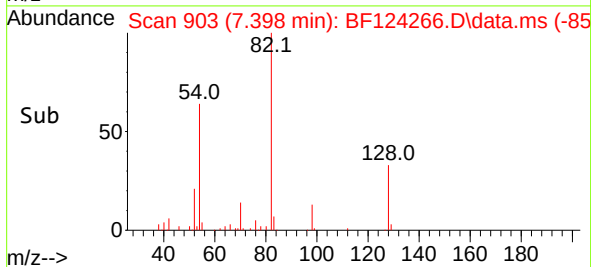
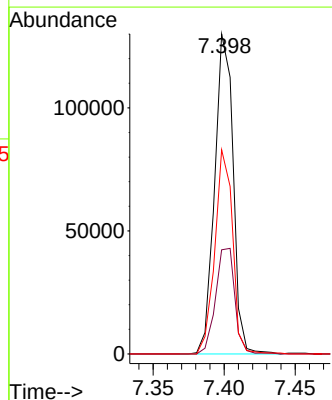
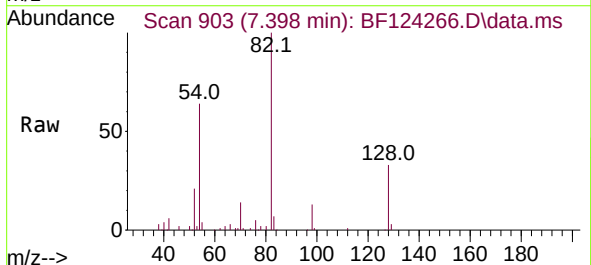
Instrument :
BNA_F
ClientSampleId :

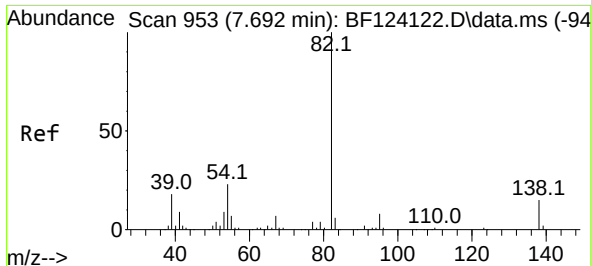
Tgt Ion:136	Resp: 121525
Ion Ratio	Lower Upper
136 100	
137 11.0	8.7 13.1
54 11.6	9.8 14.6
68 5.3	4.1 6.1



#23
Nitrobenzene-d5
Concen: 38.32 ng
RT: 7.398 min Scan# 903
Delta R.T. -0.018 min
Lab File: BF124266.D
Acq: 11 Jun 2021 18:01

Tgt Ion: 82	Resp: 117408
Ion Ratio	Lower Upper
82 100	
128 32.5	29.4 44.2
54 63.8	54.1 81.1

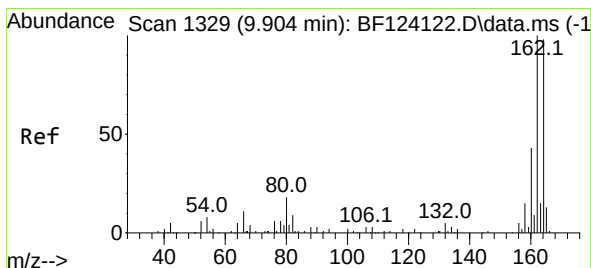
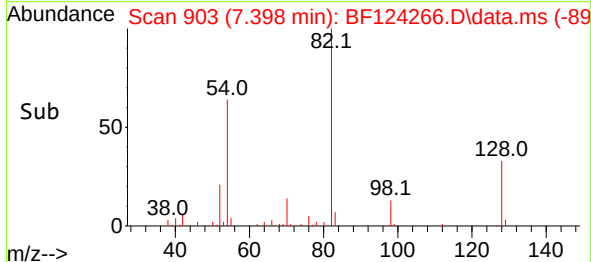
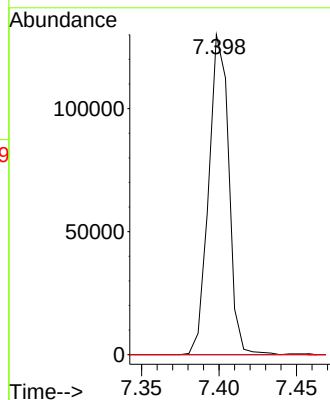
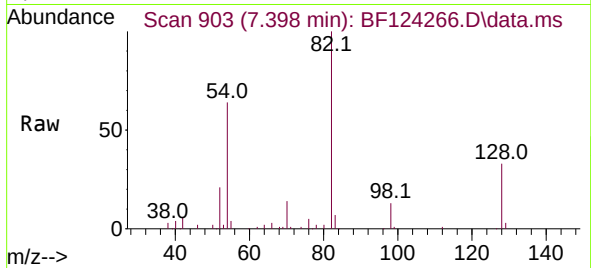




#25
Isophorone
Concen: 21.26 ng
RT: 7.398 min Scan# 903
Delta R.T. -0.276 min
Lab File: BF124266.D
Acq: 11 Jun 2021 18:01

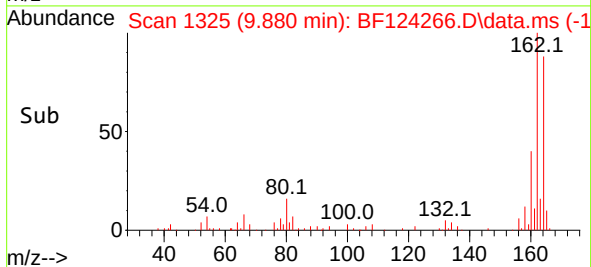
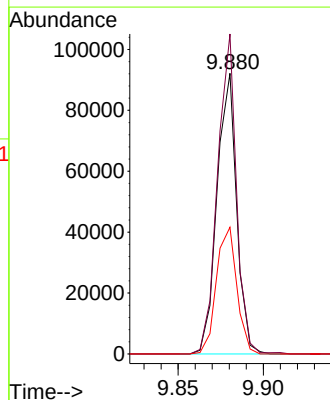
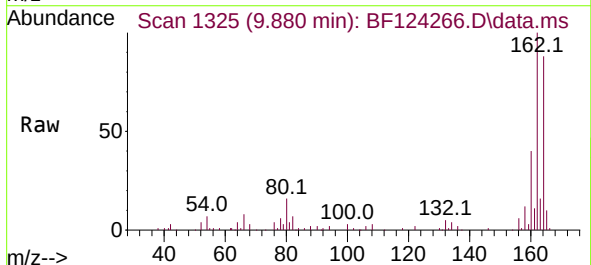
Instrument :
BNA_F
ClientSampleId :

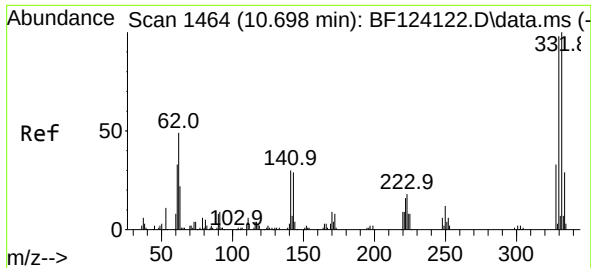
Tgt Ion: 82 Resp: 117406
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 11.8 17.8#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.880 min Scan# 1325
Delta R.T. -0.012 min
Lab File: BF124266.D
Acq: 11 Jun 2021 18:01

Tgt Ion: 164 Resp: 73788
Ion Ratio Lower Upper
164 100
162 114.0 80.7 121.1
160 45.1 37.3 55.9

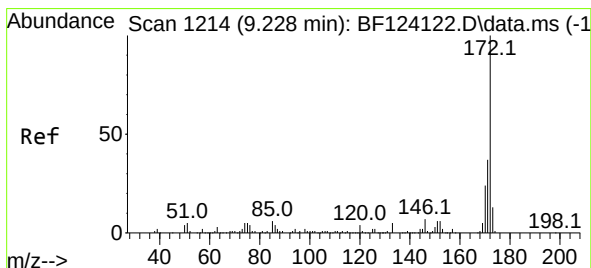
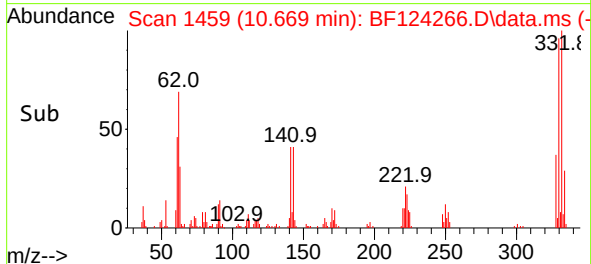
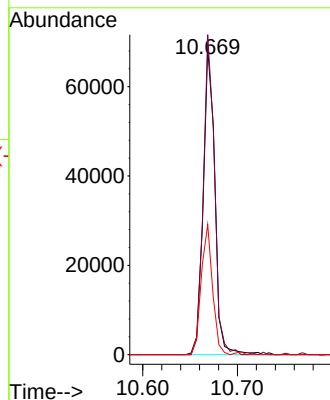
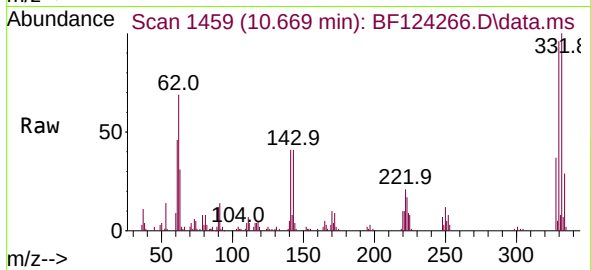




#42
2,4,6-Tribromophenol
Concen: 56.46 ng
RT: 10.669 min Scan# 1459
Delta R.T. -0.012 min
Lab File: BF124266.D
Acq: 11 Jun 2021 18:01

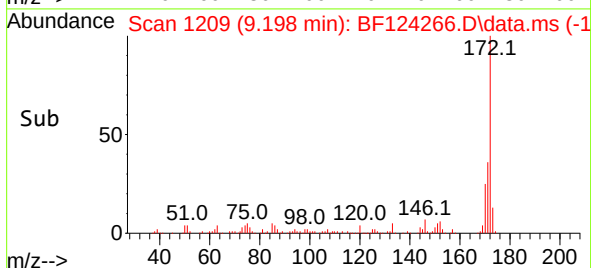
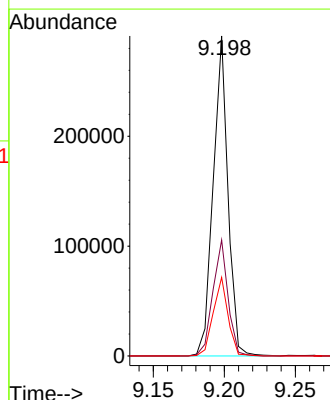
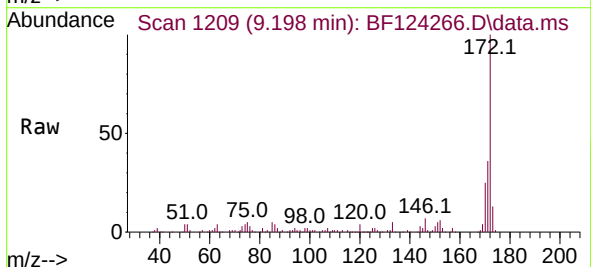
Instrument :
BNA_F
ClientSampleId :

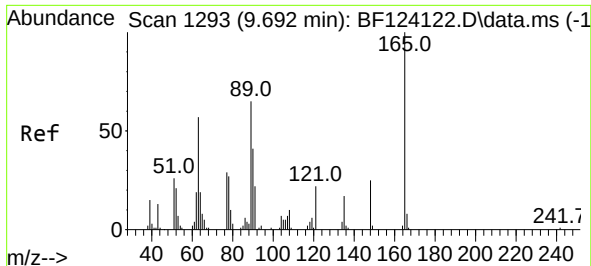
Tgt Ion: 330 Resp: 59020
Ion Ratio Lower Upper
330 100
332 100.0 77.1 115.7
141 40.9 27.9 41.9



#45
2-Fluorobiphenyl
Concen: 35.84 ng
RT: 9.198 min Scan# 1209
Delta R.T. -0.012 min
Lab File: BF124266.D
Acq: 11 Jun 2021 18:01

Tgt Ion: 172 Resp: 210157
Ion Ratio Lower Upper
172 100
171 36.2 28.1 42.1
170 24.6 19.2 28.8

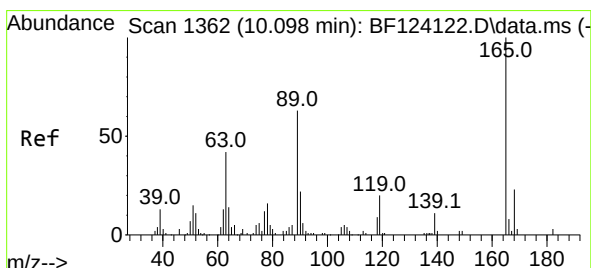
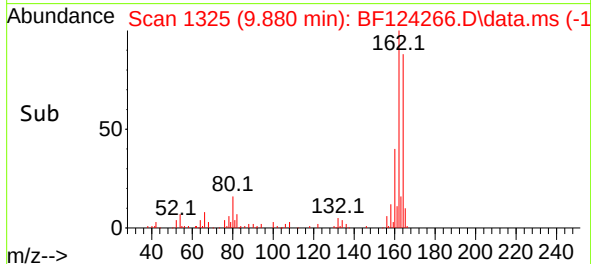
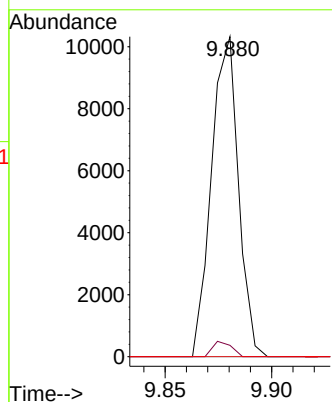
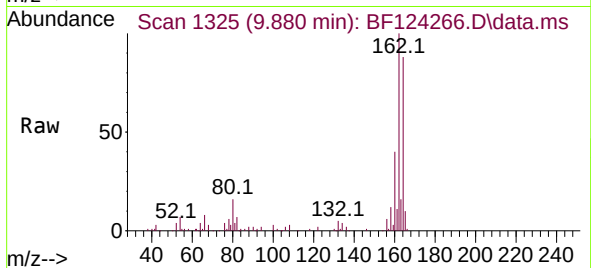




#51
2,6-Dinitrotoluene
Concen: 6.50 ng
RT: 9.880 min Scan# 1325
Delta R.T. 0.200 min
Lab File: BF124266.D
Acq: 11 Jun 2021 18:01

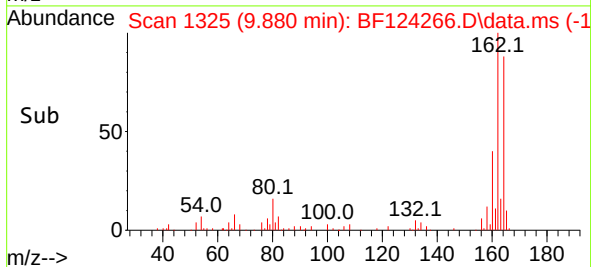
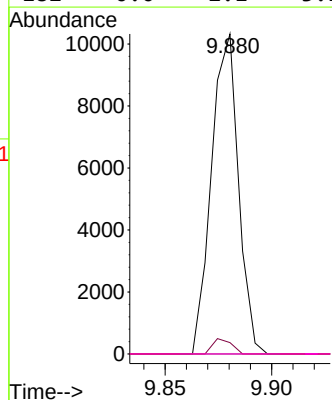
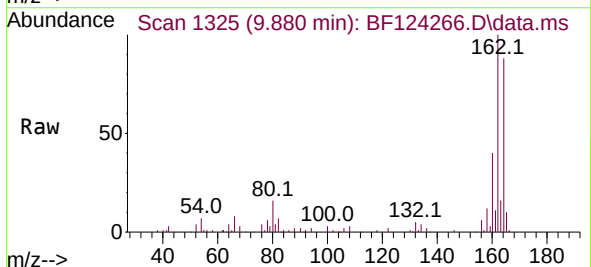
Instrument :
BNA_F
ClientSampled :

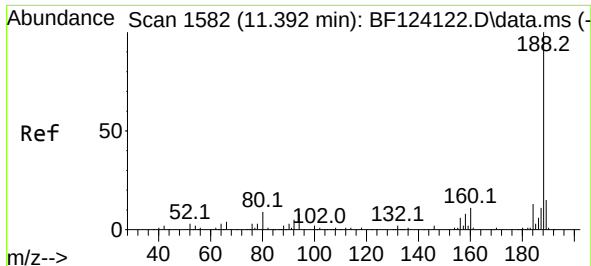
Tgt Ion:165 Resp: 9094
Ion Ratio Lower Upper
165 100
63 3.6 67.7 101.5#
89 0.0 58.8 88.2#



#57
2,4-Dinitrotoluene
Concen: 4.93 ng
RT: 9.880 min Scan# 1325
Delta R.T. -0.206 min
Lab File: BF124266.D
Acq: 11 Jun 2021 18:01

Tgt Ion:165 Resp: 9094
Ion Ratio Lower Upper
165 100
63 3.6 43.5 65.3#
89 0.0 67.7 101.5#
182 0.0 2.1 3.1#

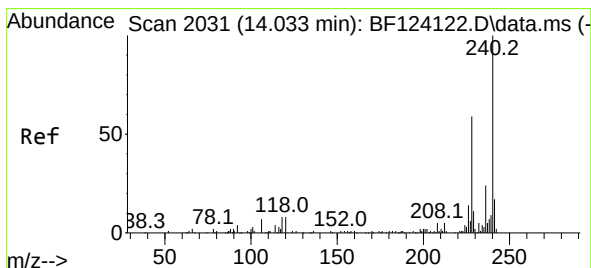
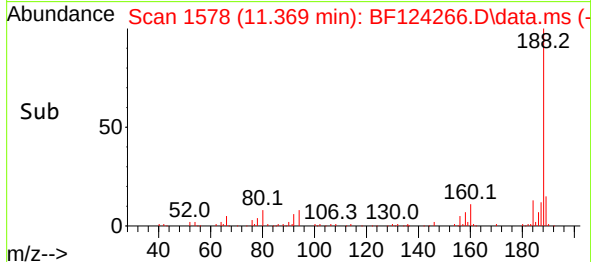
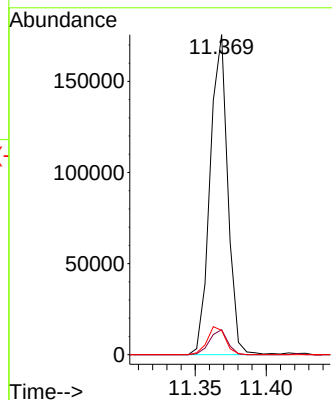
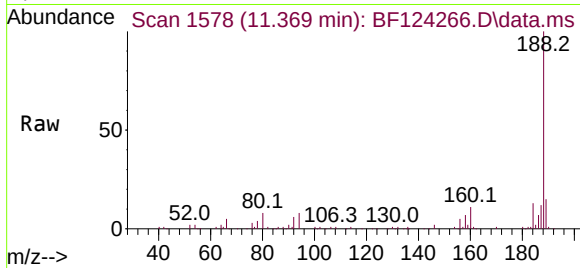




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.369 min Scan# 1578
Delta R.T. -0.006 min
Lab File: BF124266.D
Acq: 11 Jun 2021 18:01

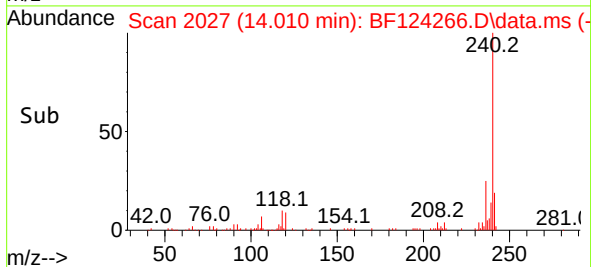
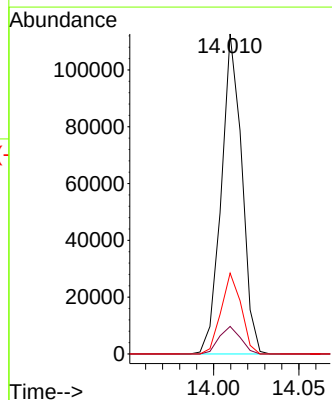
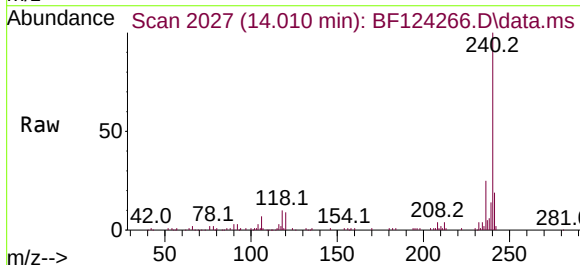
Instrument :
BNA_F
ClientSampled :

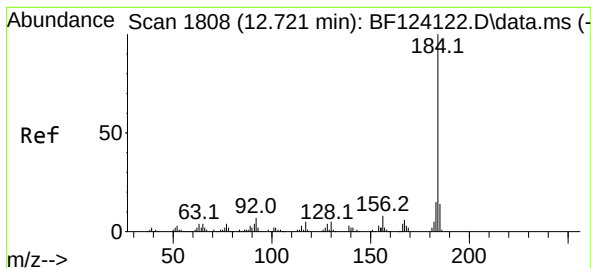
Tgt Ion:188 Resp: 151824
Ion Ratio Lower Upper
188 100
94 7.8 6.9 10.3
80 7.6 8.2 12.2#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.010 min Scan# 2027
Delta R.T. -0.012 min
Lab File: BF124266.D
Acq: 11 Jun 2021 18:01

Tgt Ion:240 Resp: 94535
Ion Ratio Lower Upper
240 100
120 8.6 7.2 10.8
236 25.3 19.0 28.4





#77

Benzidine

Concen: 5.78 ng

RT: 12.951 min Scan# 1847

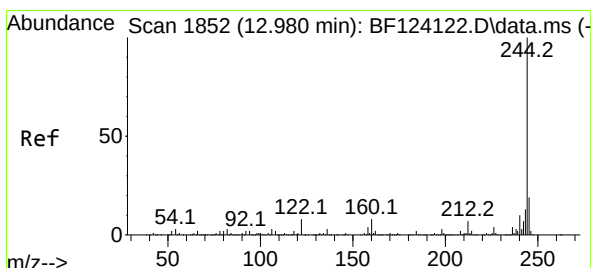
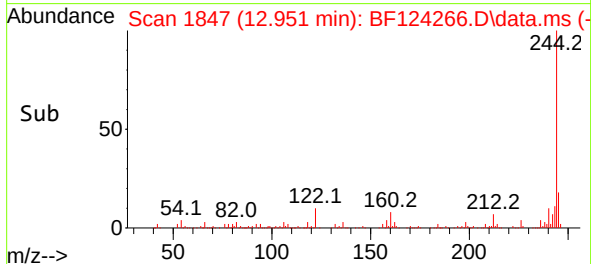
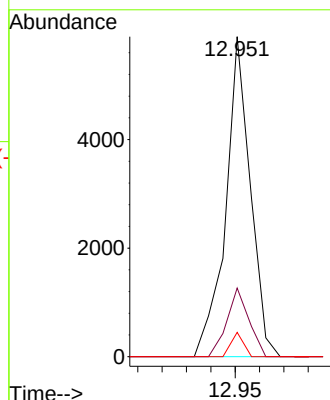
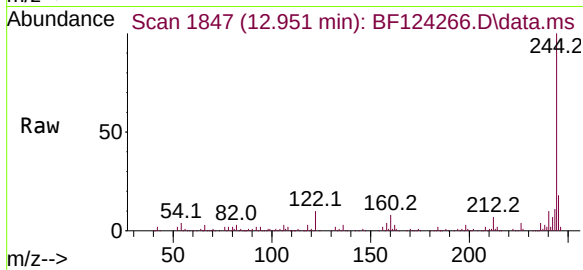
Delta R.T. 0.241 min

Lab File: BF124266.D

Acq: 11 Jun 2021 18:01

Tgt Ion:184	Resp:	4134
Ion Ratio	Lower	Upper
184	100	
185	21.4	12.1 18.1#
183	7.6	7.8 11.8#

Instrument :
BNA_F
ClientSampled :



#79

Terphenyl-d14

Concen: 34.21 ng

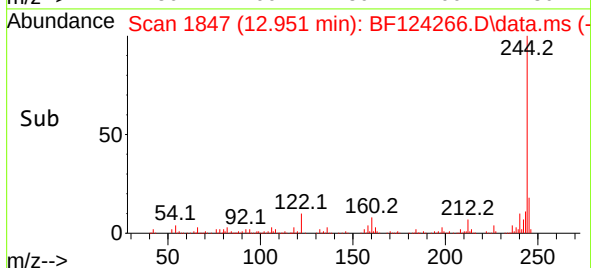
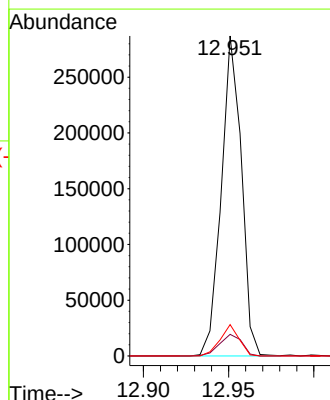
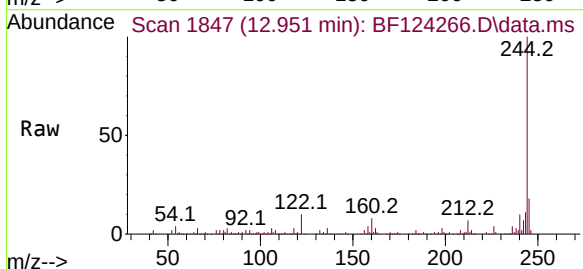
RT: 12.951 min Scan# 1847

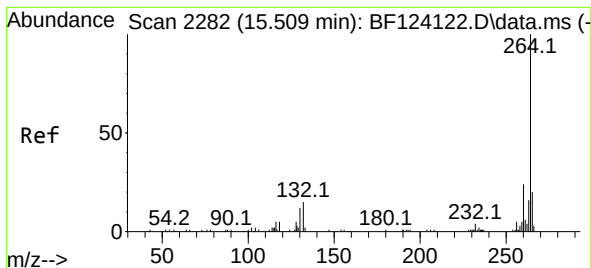
Delta R.T. -0.012 min

Lab File: BF124266.D

Acq: 11 Jun 2021 18:01

Tgt Ion:244	Resp:	235571
Ion Ratio	Lower	Upper
244	100	
212	6.8	5.7 8.5
122	9.8	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: BF124266.D

Acq: 11 Jun 2021 18:01

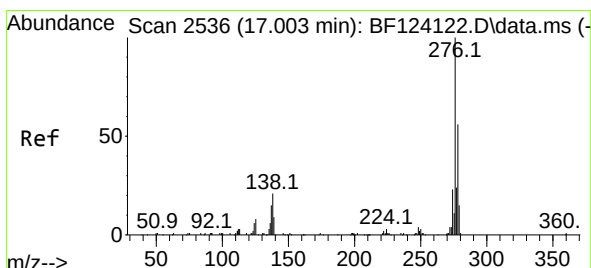
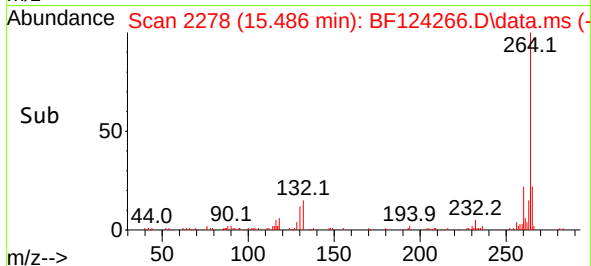
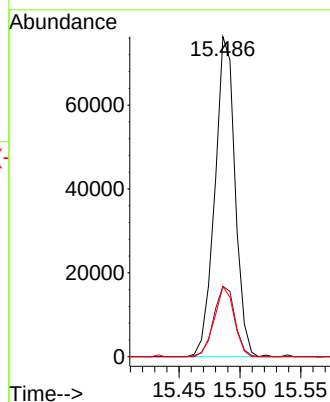
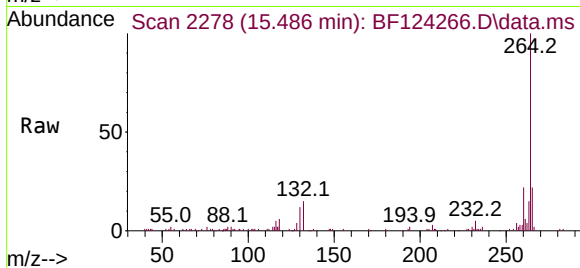
Tgt Ion:264 Resp: 88238

Ion Ratio Lower Upper

264 100

260 22.0 18.7 28.1

265 21.9 17.8 26.8



#87

Indeno(1,2,3-cd)pyrene

Concen: 4.36 ng

RT: 16.986 min Scan# 2533

Delta R.T. 0.006 min

Lab File: BF124266.D

Acq: 11 Jun 2021 18:01

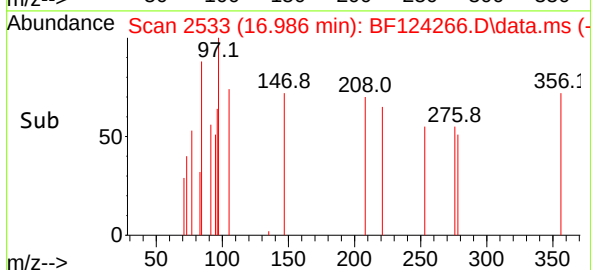
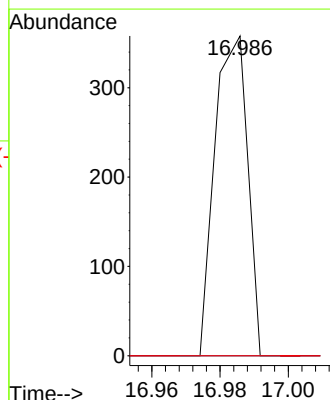
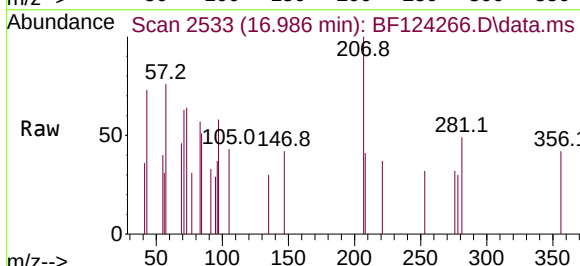
Tgt Ion:276 Resp: 238

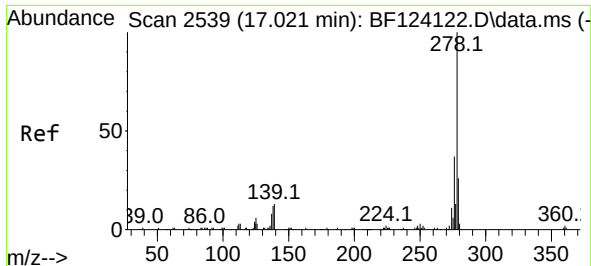
Ion Ratio Lower Upper

276 100

138 0.0 16.2 24.2#

277 0.0 20.1 30.1#

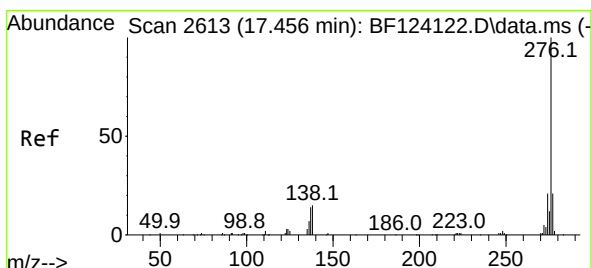
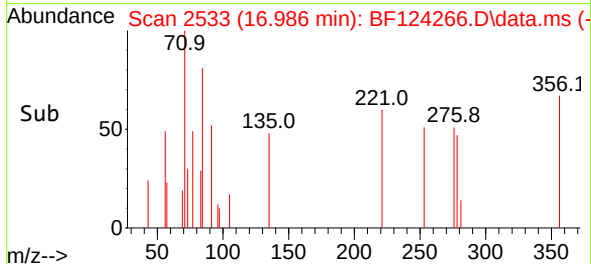
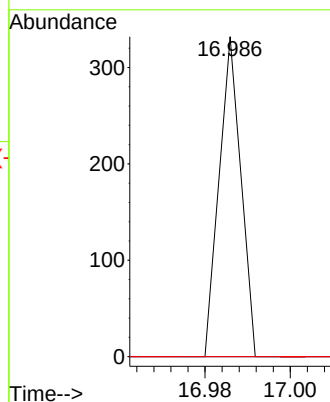
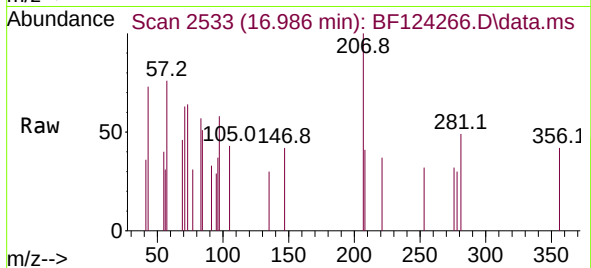




#91
Dibenzo(a,h)anthracene
Concen: 4.19 ng
RT: 16.986 min Scan# 2533
Delta R.T. -0.006 min
Lab File: BF124266.D
Acq: 11 Jun 2021 18:01

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:278 Resp: 117
Ion Ratio Lower Upper
278 100
139 0.0 10.2 15.2#
279 0.0 19.4 29.0#



#92
Benzo(g,h,i)perylene
Concen: 3.82 ng
RT: 17.462 min Scan# 2614
Delta R.T. 0.030 min
Lab File: BF124266.D
Acq: 11 Jun 2021 18:01

Tgt Ion:276 Resp: 114
Ion Ratio Lower Upper
276 100
277 0.0 18.2 27.2#
138 0.0 13.8 20.6#

