

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061021\
 Data File : BF124247.D
 Acq On : 10 Jun 2021 23:05
 Operator : JU/CG
 Sample : M2650-02
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DELAWANNA-RT10-STOCKPILE-2

Quant Time: Jun 11 01:26:45 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)

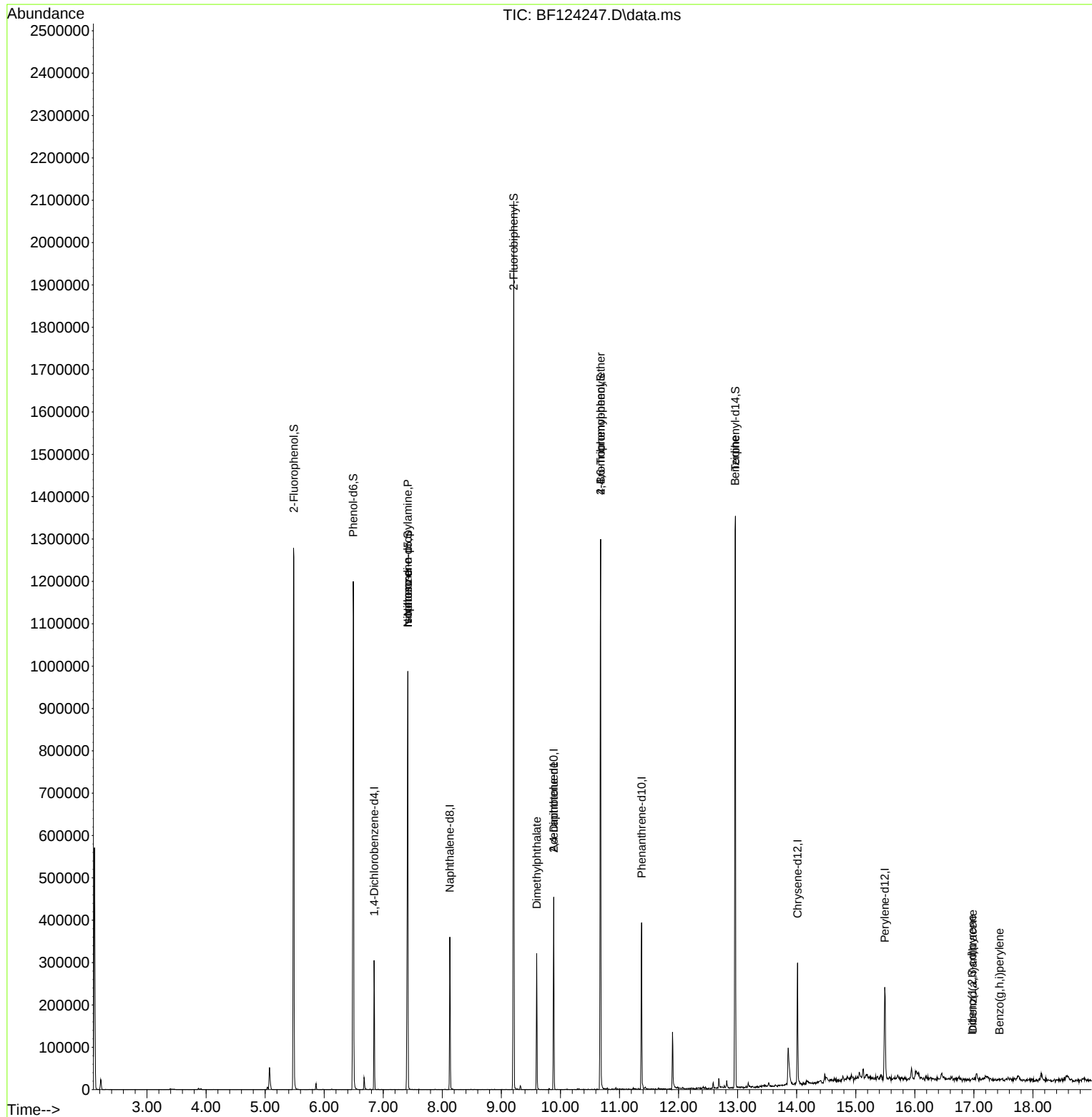
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	35328	20.00	ng	0.00
21) Naphthalene-d8	8.127	136	136210	20.00	ng	0.00
39) Acenaphthene-d10	9.886	164	76414	20.00	ng	0.00
64) Phenanthrene-d10	11.374	188	133554	20.00	ng	0.00
76) Chrysene-d12	14.015	240	85824	20.00	ng	# 0.00
86) Perylene-d12	15.492	264	87065	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.486	112	312150	133.01	ng	0.00
7) Phenol-d6	6.492	99	392380	124.39	ng	0.00
23) Nitrobenzene-d5	7.416	82	302266	88.01	ng	0.00
42) 2,4,6-Tribromophenol	10.680	330	136531	126.11	ng	0.00
45) 2-Fluorobiphenyl	9.210	172	554579	91.33	ng	0.00
79) Terphenyl-d14	12.962	244	455079	72.80	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.416	70	42577	19.12	ng	# 74
25) Isophorone	7.416	82	302259	48.84	ng	# 69
50) Dimethylphthalate	9.598	163	102401	16.20	ng	97
57) 2,4-Dinitrotoluene	9.886	165	10741	5.62	ng	# 16
67) 4-Bromophenyl-phenylether	10.680	248	9853	5.37	ng	# 1
77) Benzidine	12.957	184	8585	7.99	ng	# 88
87) Indeno(1,2,3-cd)pyrene	16.968	276	1658	4.54	ng	# 70
91) Dibenzo(a,h)anthracene	16.980	278	109	4.19	ng	# 57
92) Benzo(g,h,i)perylene	17.433	276	1749	4.07	ng	# 56

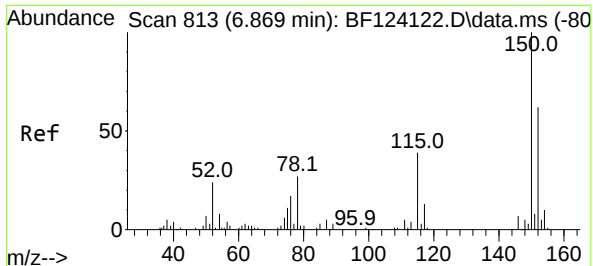
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061021\
Data File : BF124247.D
Acq On : 10 Jun 2021 23:05
Operator : JU/CG
Sample : M2650-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DELAWANNA-RT10-STOCKPILE-2

Quant Time: Jun 11 01:26:45 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

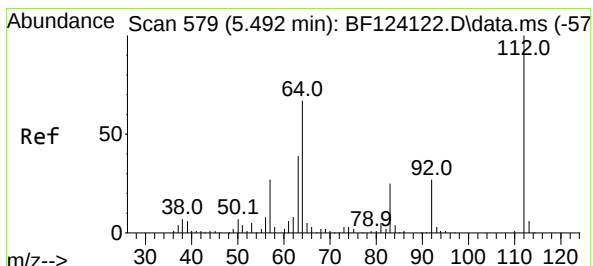
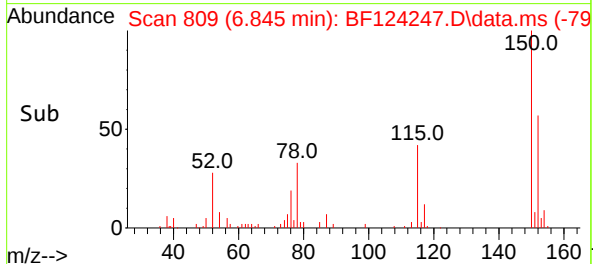
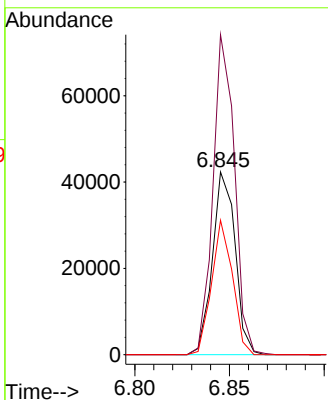
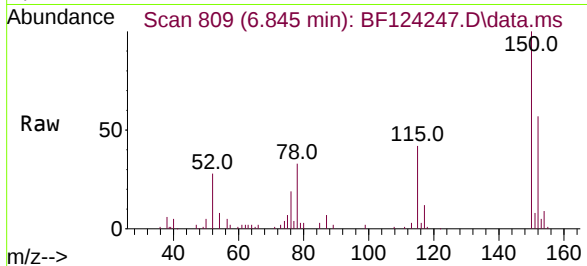




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.845 min Scan# 809
Delta R.T. -0.006 min
Lab File: BF124247.D
Acq: 10 Jun 2021 23:05

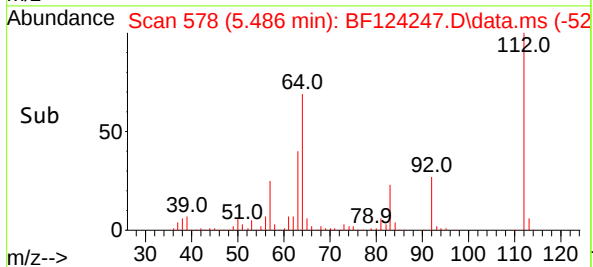
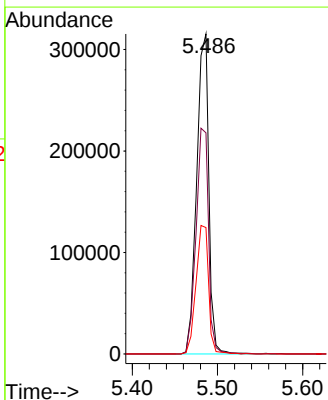
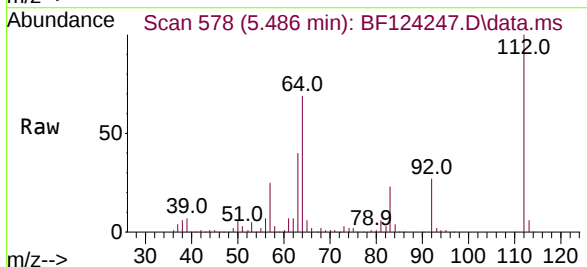
Instrument :
BNA_F
ClientSampleId :
DELAWANNA-RT10-STOCKPILE-2

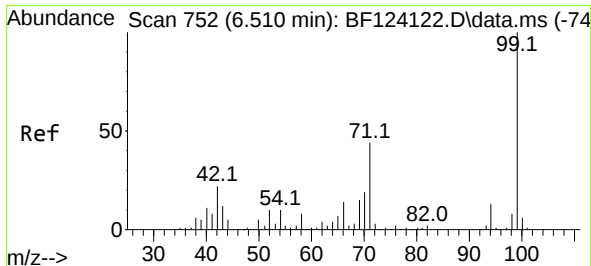
Tgt Ion:152 Resp: 35328
Ion Ratio Lower Upper
152 100
150 175.1 127.0 190.6
115 73.5 54.3 81.5



#5
2-Fluorophenol
Concen: 133.01 ng
RT: 5.486 min Scan# 578
Delta R.T. 0.006 min
Lab File: BF124247.D
Acq: 10 Jun 2021 23:05

Tgt Ion:112 Resp: 312150
Ion Ratio Lower Upper
112 100
64 69.1 61.4 92.0
63 39.5 33.0 49.4

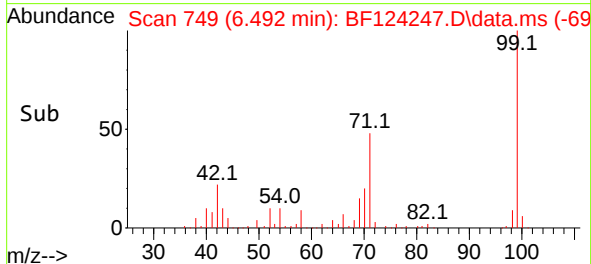
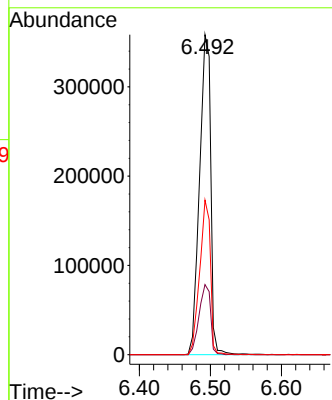
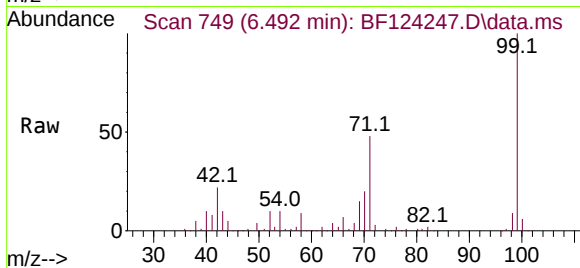




#7
Phenol-d6
Concen: 124.39 ng
RT: 6.492 min Scan# 749
Delta R.T. -0.006 min
Lab File: BF124247.D
Acq: 10 Jun 2021 23:05

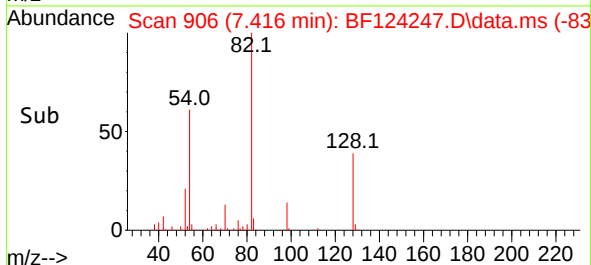
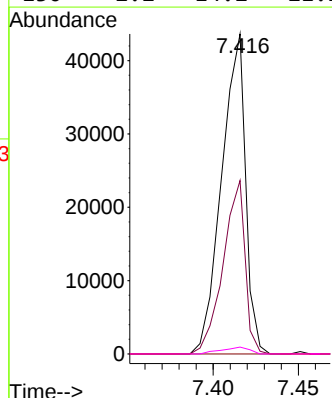
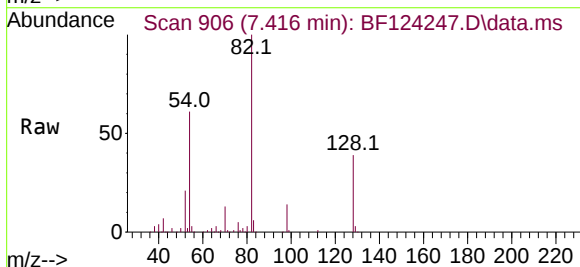
Instrument :
BNA_F
ClientSampleId :
DELAWANNA-RT10-STOCKPILE-2

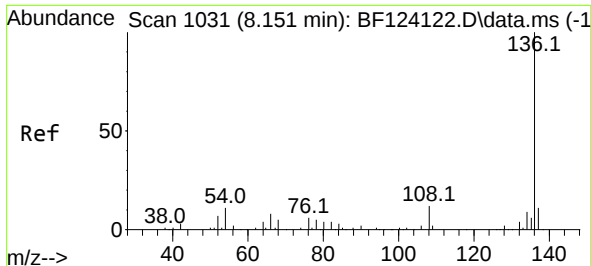
Tgt Ion: 99 Resp: 392380
Ion Ratio Lower Upper
99 100
42 21.9 19.8 29.8
71 48.3 31.1 46.7#



#19
n-Nitroso-di-n-propylamine
Concen: 19.12 ng
RT: 7.416 min Scan# 906
Delta R.T. 0.147 min
Lab File: BF124247.D
Acq: 10 Jun 2021 23:05

Tgt Ion: 70 Resp: 42577
Ion Ratio Lower Upper
70 100
42 54.2 60.1 90.1#
101 0.0 7.4 11.2#
130 2.2 14.2 21.2#

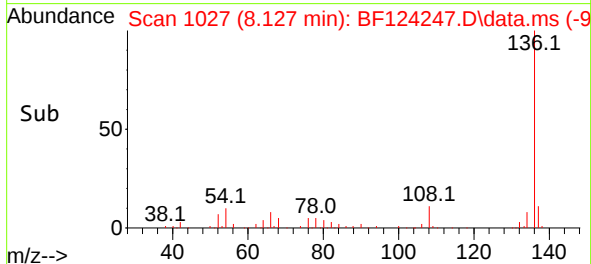
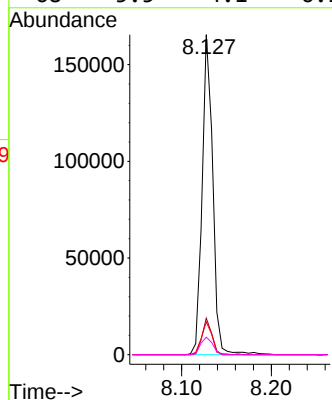
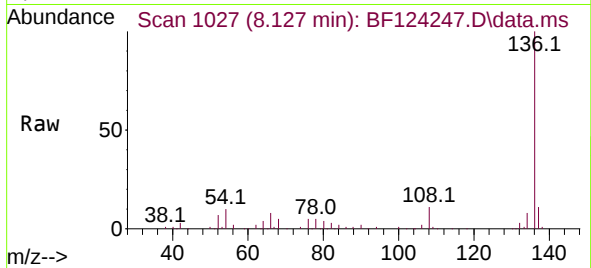




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.127 min Scan# 1027
Delta R.T. -0.006 min
Lab File: BF124247.D
Acq: 10 Jun 2021 23:05

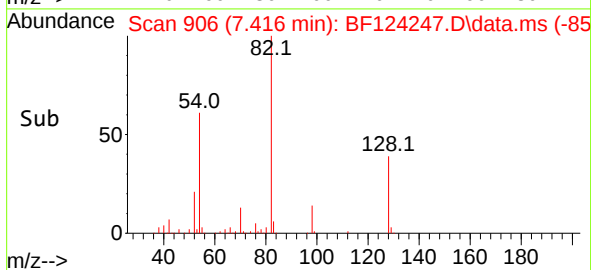
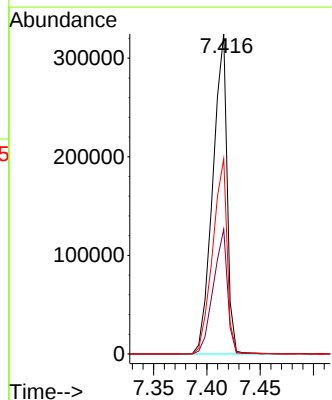
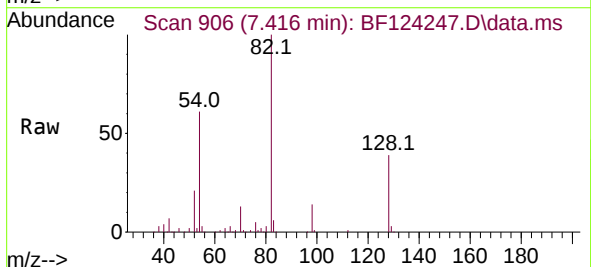
Instrument :
BNA_F
ClientSampleId :
DELAWANNA-RT10-STOCKPILE-2

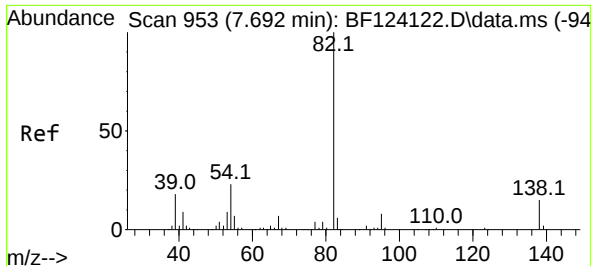
Tgt Ion:136	Resp:	136210
Ion Ratio	Lower	Upper
136	100	
137	11.4	8.7 13.1
54	10.2	9.8 14.6
68	5.5	4.1 6.1



#23
Nitrobenzene-d5
Concen: 88.01 ng
RT: 7.416 min Scan# 906
Delta R.T. 0.000 min
Lab File: BF124247.D
Acq: 10 Jun 2021 23:05

Tgt Ion: 82	Resp:	302266
Ion Ratio	Lower	Upper
82	100	
128	39.0	29.4 44.2
54	61.0	54.1 81.1

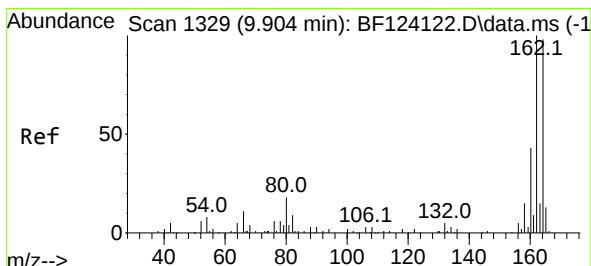
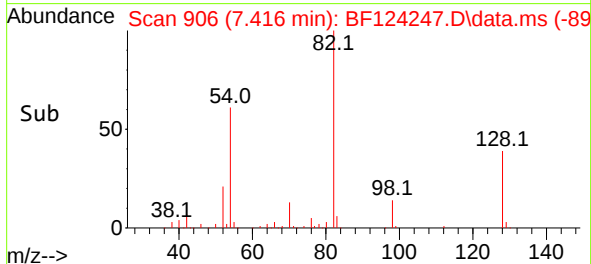
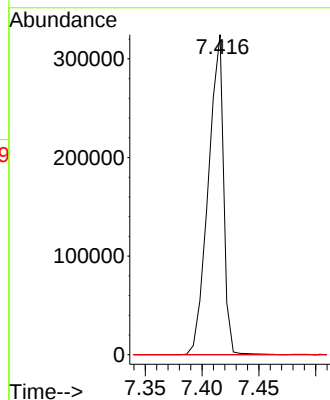
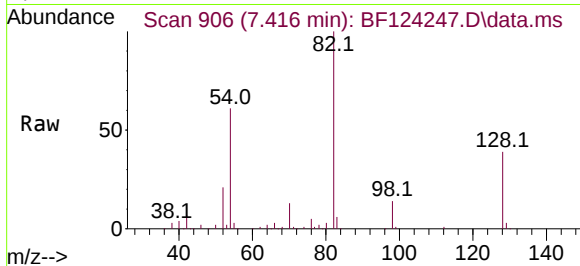




#25
Isophorone
Concen: 48.84 ng
RT: 7.416 min Scan# 906
Delta R.T. -0.259 min
Lab File: BF124247.D
Acq: 10 Jun 2021 23:05

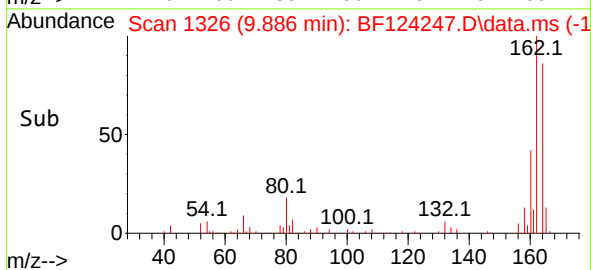
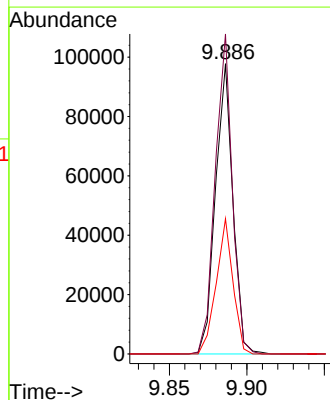
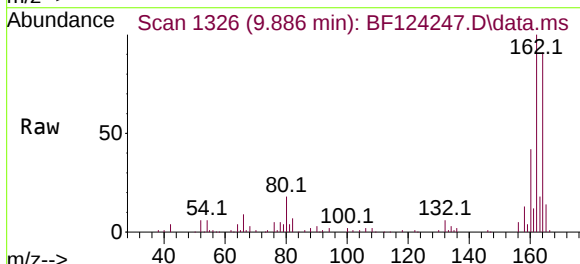
Instrument :
BNA_F
ClientSampleId :
DELAWANNA-RT10-STOCKPILE-2

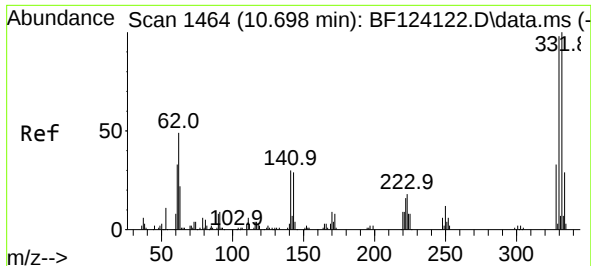
Tgt Ion: 82 Resp: 302259
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 11.8 17.8#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.886 min Scan# 1326
Delta R.T. -0.006 min
Lab File: BF124247.D
Acq: 10 Jun 2021 23:05

Tgt Ion: 164 Resp: 76414
Ion Ratio Lower Upper
164 100
162 110.3 80.7 121.1
160 46.6 37.3 55.9

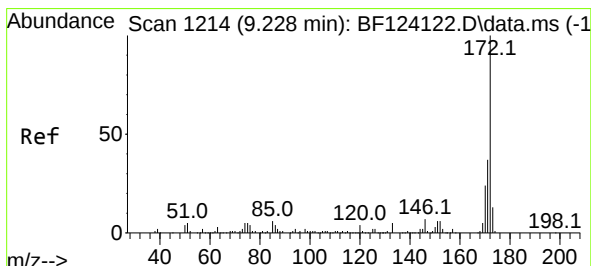
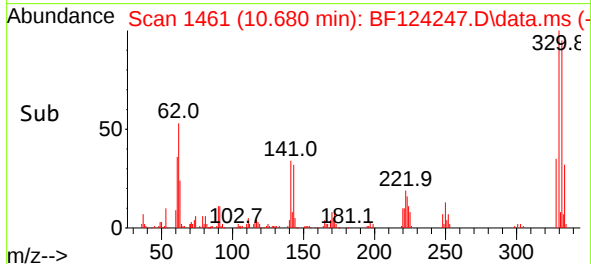
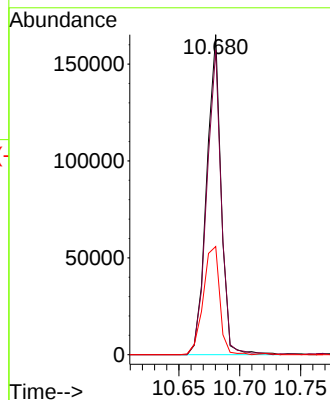
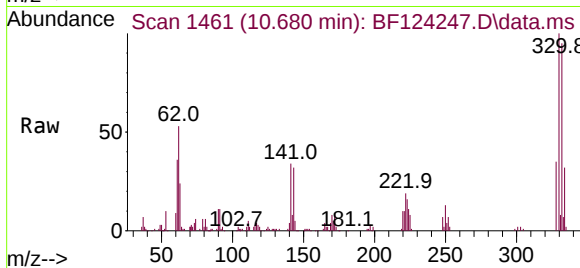




#42
2,4,6-Tribromophenol
Concen: 126.11 ng
RT: 10.680 min Scan# 1461
Delta R.T. 0.000 min
Lab File: BF124247.D
Acq: 10 Jun 2021 23:05

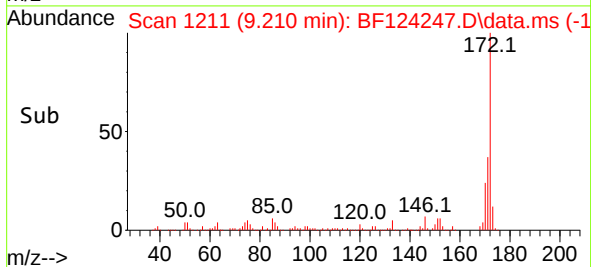
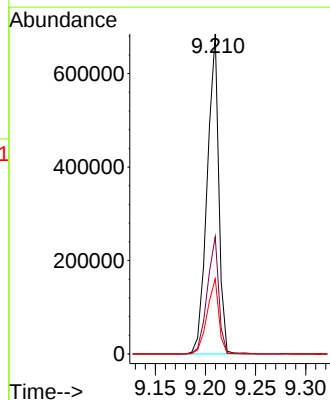
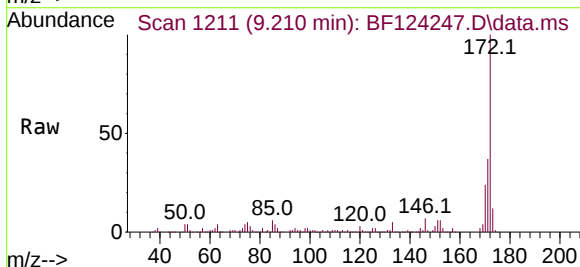
Instrument :
BNA_F
ClientSampleId :
DELAWANNA-RT10-STOCKPILE-2

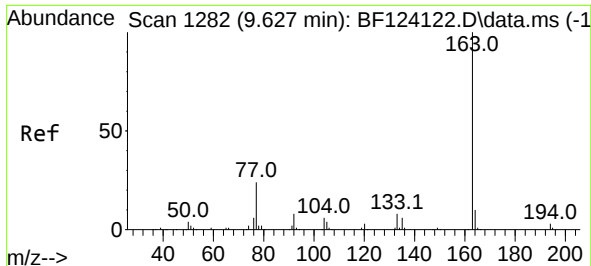
Tgt Ion: 330 Resp: 136531
Ion Ratio Lower Upper
330 100
332 95.6 77.1 115.7
141 38.5 27.9 41.9



#45
2-Fluorobiphenyl
Concen: 91.33 ng
RT: 9.210 min Scan# 1211
Delta R.T. 0.000 min
Lab File: BF124247.D
Acq: 10 Jun 2021 23:05

Tgt Ion: 172 Resp: 554579
Ion Ratio Lower Upper
172 100
171 36.7 28.1 42.1
170 23.5 19.2 28.8

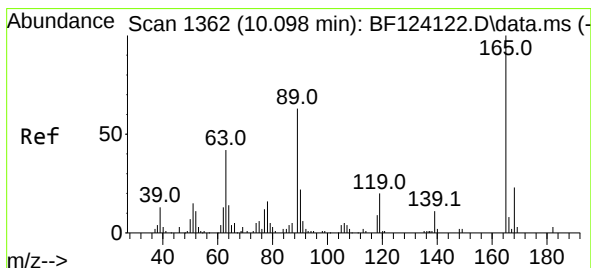
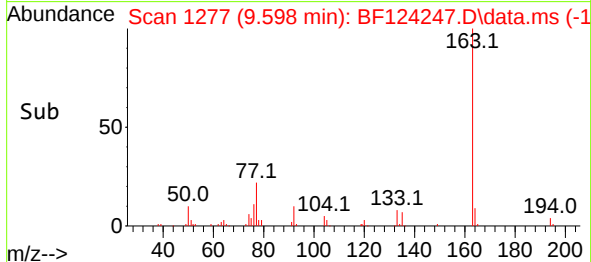
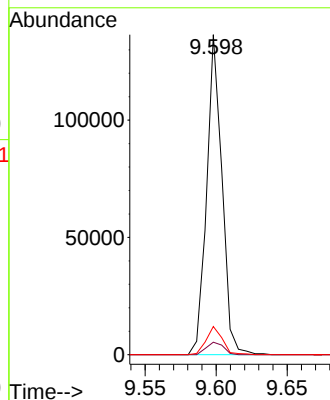
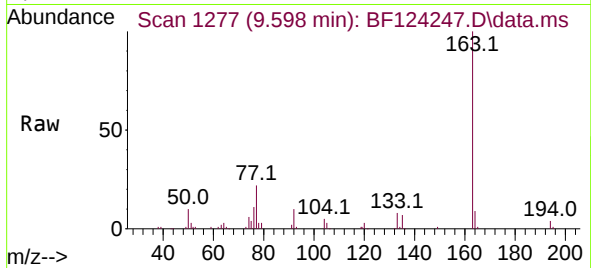




#50
Dimethylphthalate
Concen: 16.20 ng
RT: 9.598 min Scan# 1277
Delta R.T. -0.018 min
Lab File: BF124247.D
Acq: 10 Jun 2021 23:05

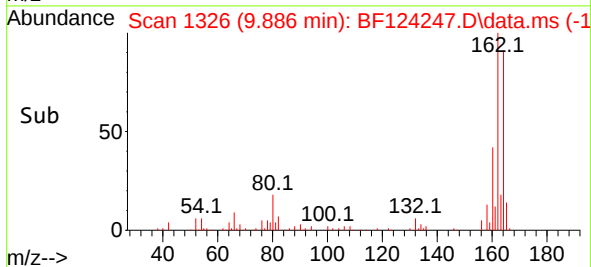
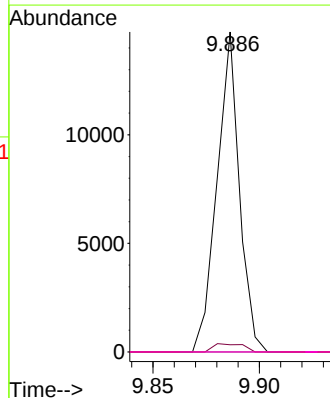
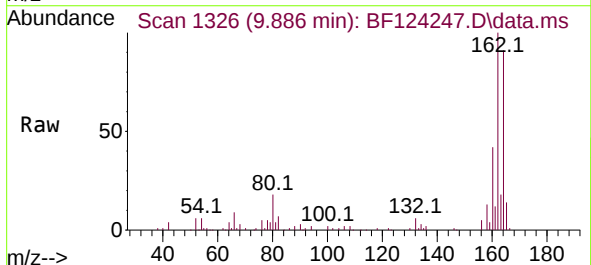
Instrument :
BNA_F
ClientSampleId :
DELAWANNA-RT10-STOCKPILE-2

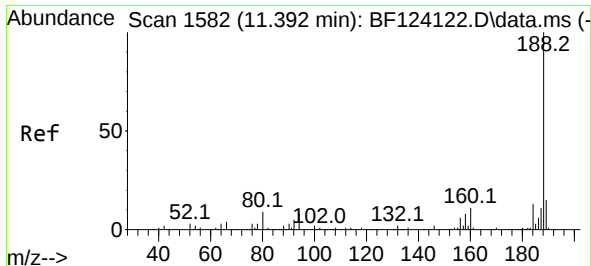
Tgt Ion:163 Resp: 102401
Ion Ratio Lower Upper
163 100
194 3.9 3.1 4.7
164 8.8 8.2 12.2



#57
2,4-Dinitrotoluene
Concen: 5.62 ng
RT: 9.886 min Scan# 1326
Delta R.T. -0.200 min
Lab File: BF124247.D
Acq: 10 Jun 2021 23:05

Tgt Ion:165 Resp: 10741
Ion Ratio Lower Upper
165 100
63 2.2 43.5 65.3#
89 0.0 67.7 101.5#
182 0.0 2.1 3.1#

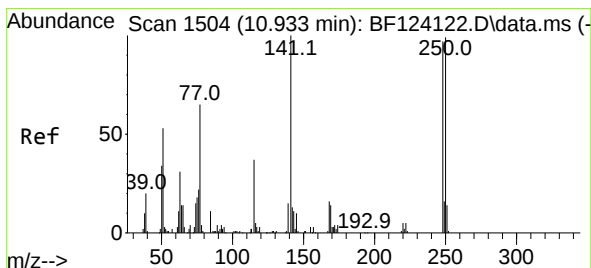
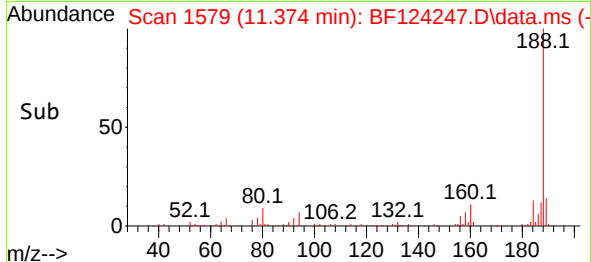
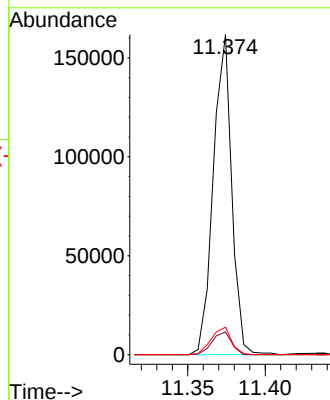
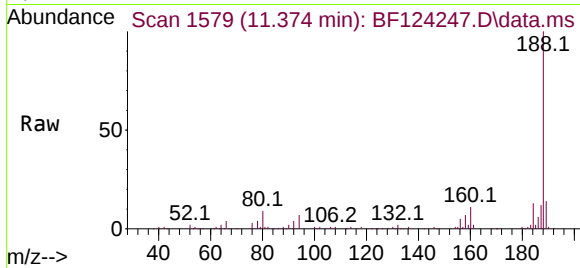




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.374 min Scan# 1579
Delta R.T. 0.000 min
Lab File: BF124247.D
Acq: 10 Jun 2021 23:05

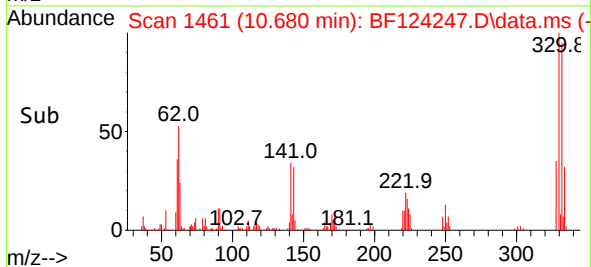
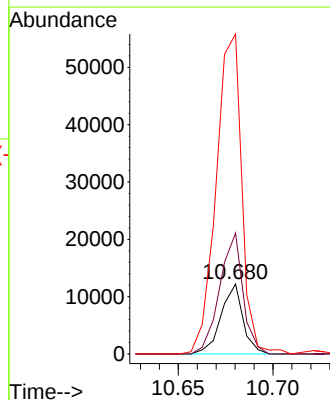
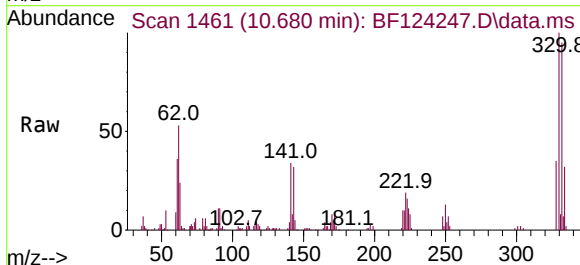
Instrument :
BNA_F
ClientSampleId :
DELAWANNA-RT10-STOCKPILE-2

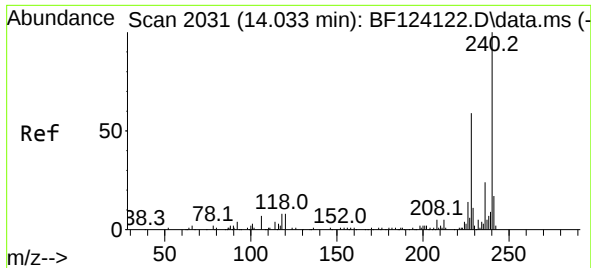
Tgt Ion:188 Resp: 133554
Ion Ratio Lower Upper
188 100
94 7.1 6.9 10.3
80 8.6 8.2 12.2



#67
4-Bromophenyl-phenylether
Concen: 5.37 ng
RT: 10.680 min Scan# 1461
Delta R.T. -0.241 min
Lab File: BF124247.D
Acq: 10 Jun 2021 23:05

Tgt Ion:248 Resp: 9853
Ion Ratio Lower Upper
248 100
250 173.2 77.4 116.2#
141 457.9 63.7 95.5#

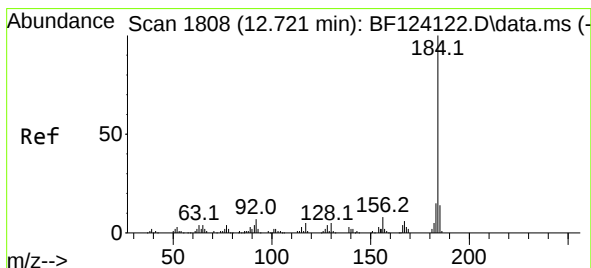
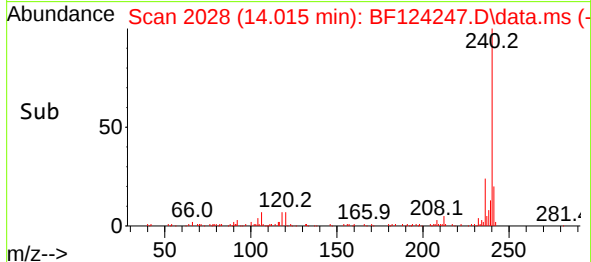
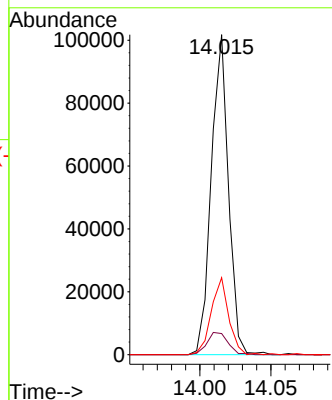
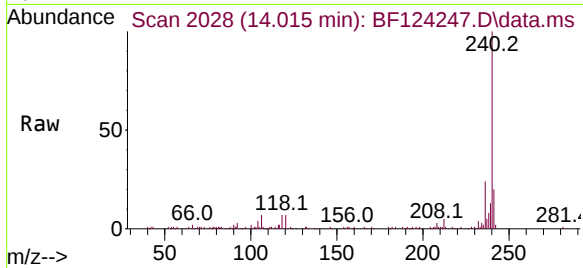




#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.015 min Scan# 2028
Delta R.T. -0.006 min
Lab File: BF124247.D
Acq: 10 Jun 2021 23:05

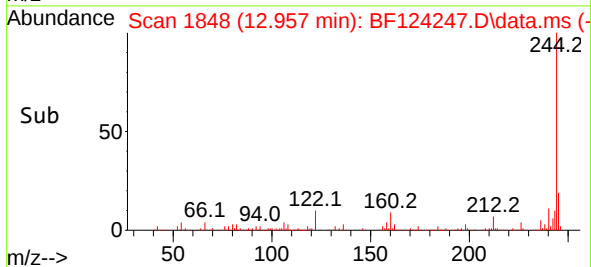
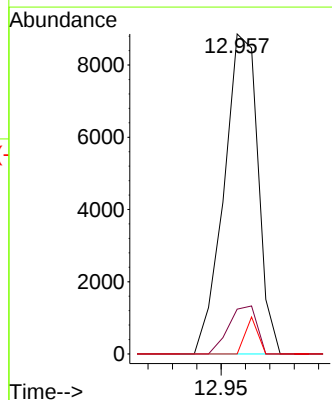
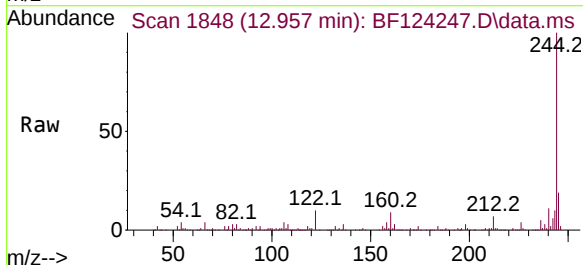
Instrument :
BNA_F
ClientSampleId :
DELAWANNA-RT10-STOCKPILE-2

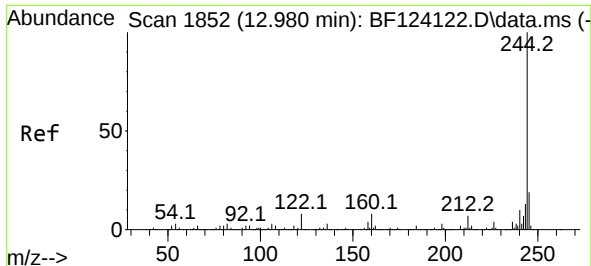
Tgt Ion:240 Resp: 85824
Ion Ratio Lower Upper
240 100
120 6.6 7.2 10.8#
236 24.1 19.0 28.4



#77
Benzidine
Concen: 7.99 ng
RT: 12.957 min Scan# 1848
Delta R.T. 0.247 min
Lab File: BF124247.D
Acq: 10 Jun 2021 23:05

Tgt Ion:184 Resp: 8585
Ion Ratio Lower Upper
184 100
185 14.0 12.1 18.1
183 0.0 7.8 11.8#

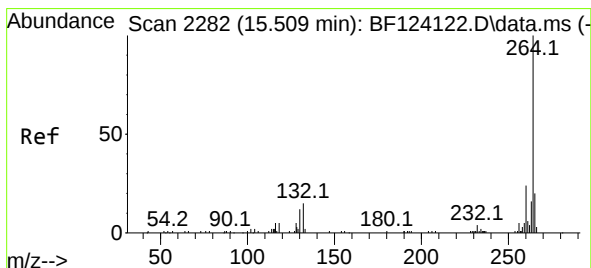
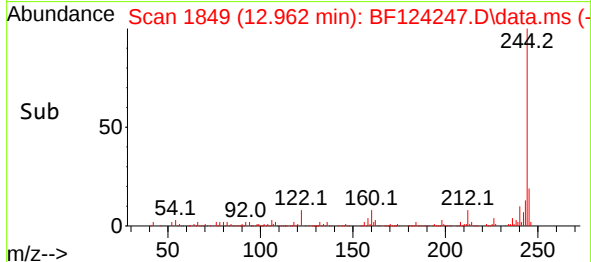
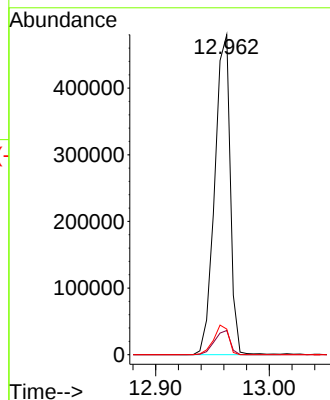
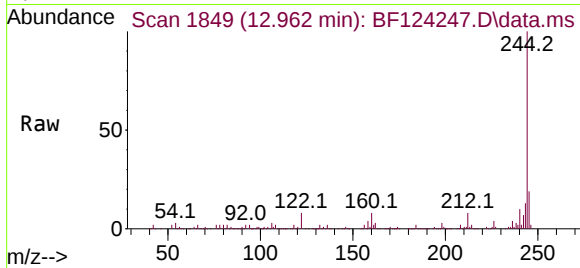




#79
 Terphenyl-d14
 Concen: 72.80 ng
 RT: 12.962 min Scan# 1849
 Delta R.T. 0.000 min
 Lab File: BF124247.D
 Acq: 10 Jun 2021 23:05

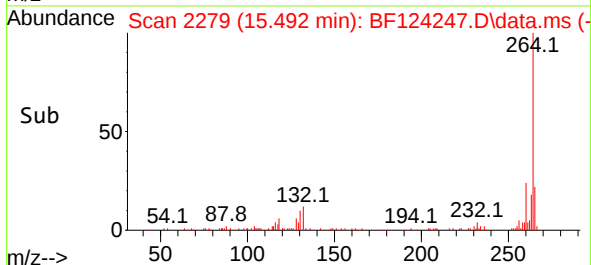
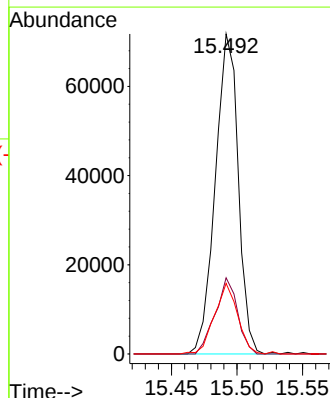
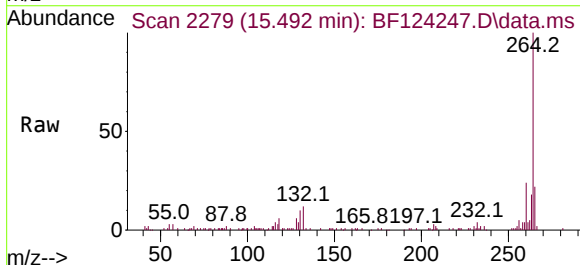
Instrument :
 BNA_F
 ClientSampleId :
 DELAWANNA-RT10-STOCKPILE-2

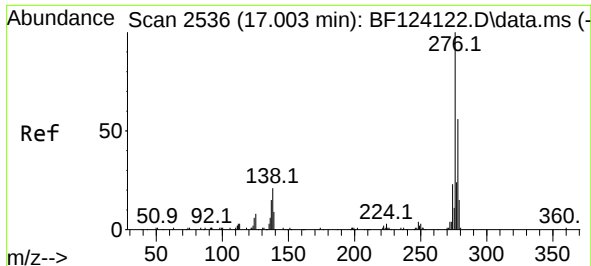
Tgt Ion:244 Resp: 455079
 Ion Ratio Lower Upper
 244 100
 212 7.5 5.7 8.5
 122 8.0 9.7 14.5#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.492 min Scan# 2279
 Delta R.T. 0.000 min
 Lab File: BF124247.D
 Acq: 10 Jun 2021 23:05

Tgt Ion:264 Resp: 87065
 Ion Ratio Lower Upper
 264 100
 260 23.8 18.7 28.1
 265 22.0 17.8 26.8

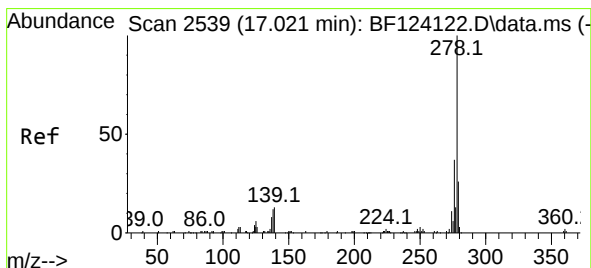
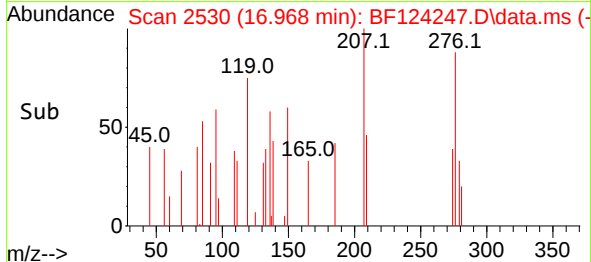
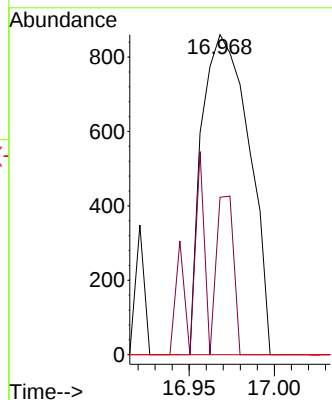
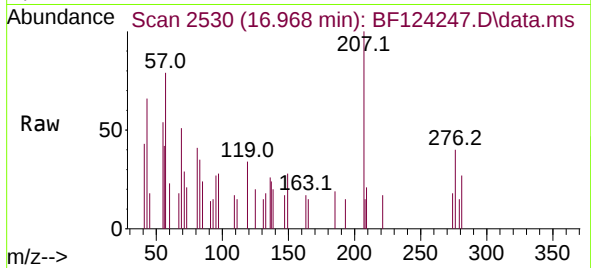




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 4.54 ng
 RT: 16.968 min Scan# 2530
 Delta R.T. -0.012 min
 Lab File: BF124247.D
 Acq: 10 Jun 2021 23:05

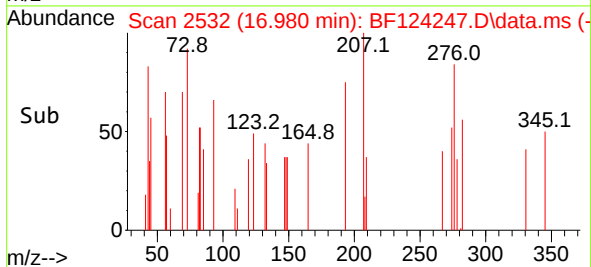
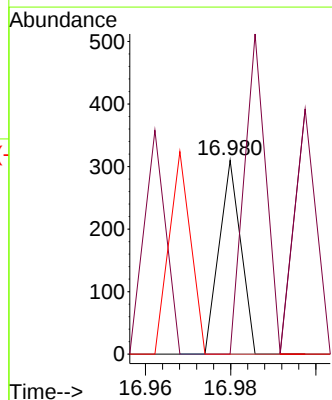
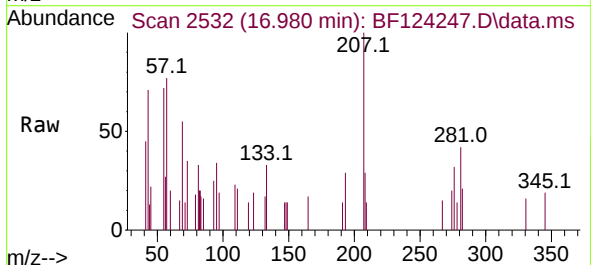
Instrument :
 BNA_F
 ClientSampleId :
 DELAWANNA-RT10-STOCKPILE-2

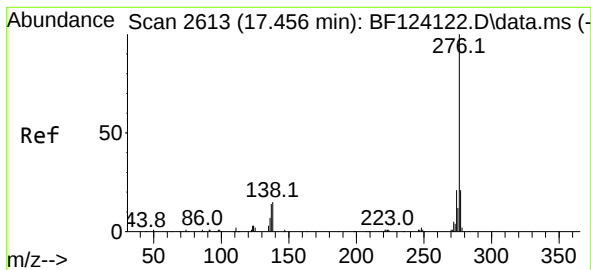
Tgt Ion:	276	Resp:	1658
Ion Ratio	Lower	Upper	
276	100		
138	18.0	16.2	24.2
277	0.0	20.1	30.1#



#91
 Dibenzo(a,h)anthracene
 Concen: 4.19 ng
 RT: 16.980 min Scan# 2532
 Delta R.T. -0.012 min
 Lab File: BF124247.D
 Acq: 10 Jun 2021 23:05

Tgt Ion:	278	Resp:	109
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: 4.07 ng
RT: 17.433 min Scan# 2609
Delta R.T. 0.000 min
Lab File: BF124247.D
Acq: 10 Jun 2021 23:05

Instrument :
BNA_F
ClientSampleId :
DELAWANNA-RT10-STOCKPILE-2

Tgt Ion:276 Resp: 1749
Ion Ratio Lower Upper
276 100
277 0.0 18.2 27.2#
138 0.0 13.8 20.6#

