

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060421\
 Data File : BF124146.D
 Acq On : 4 Jun 2021 18:39
 Operator : JU/CG
 Sample : M2584-01 5X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EO-02-060221

Quant Time: Jun 04 22:51:15 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 04 09:56:24 2021
 Response via : Initial Calibration

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

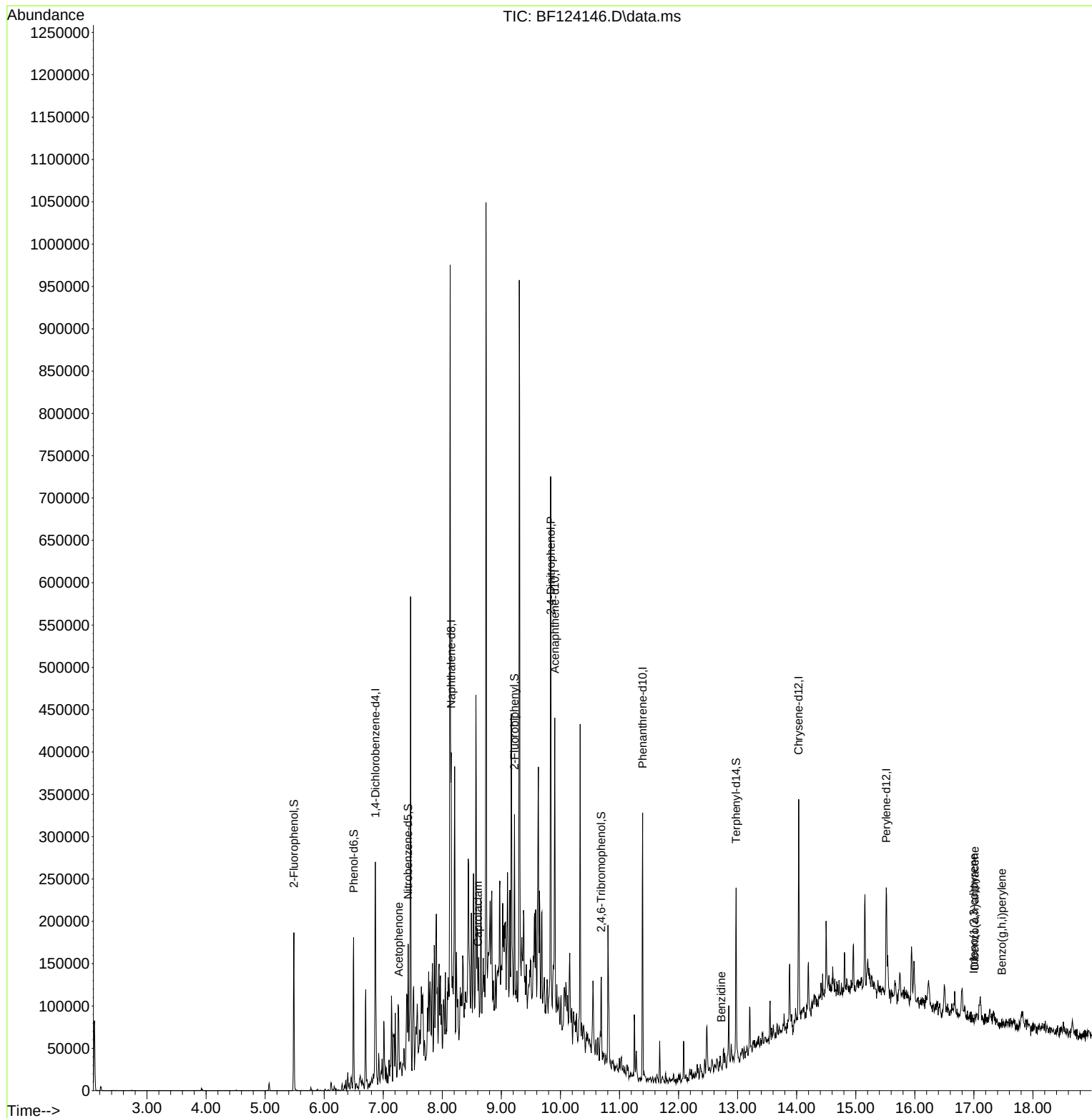
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	34887	20.00	ng	0.00
21) Naphthalene-d8	8.151	136	111843	20.00	ng	0.00
39) Acenaphthene-d10	9.904	164	56302	20.00	ng	0.00
64) Phenanthrene-d10	11.392	188	94044	20.00	ng	# 0.00
76) Chrysene-d12	14.033	240	73001	20.00	ng	# 0.00
86) Perylene-d12	15.515	264	54060	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.486	112	36711	15.84	ng	0.00
7) Phenol-d6	6.498	99	43828	14.07	ng	-0.01
23) Nitrobenzene-d5	7.422	82	35954	12.75	ng	-0.01
42) 2,4,6-Tribromophenol	10.692	330	10452	13.10	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	51660	11.55	ng	0.00
79) Terphenyl-d14	12.974	244	48426	9.11	ng	0.00
Target Compounds						
						Qvalue
22) Acetophenone	7.263	105	7378	2.31	ng	# 48
35) Caprolactam	8.604	113	1159	2.05	ng	# 1
54) 2,4-Dinitrophenol	9.839	184	132	3.74	ng	# 1
77) Benzidine	12.721	184	393	4.27	ng	# 68
87) Indeno(1,2,3-cd)pyrene	16.997	276	880	4.51	ng	# 69
91) Dibenzo(a,h)anthracene	17.015	278	307	4.25	ng	# 1
92) Benzo(g,h,i)perylene	17.474	276	298	3.88	ng	# 1

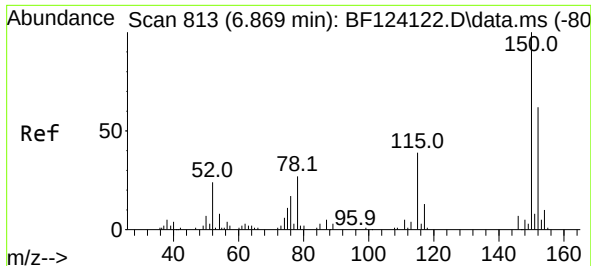
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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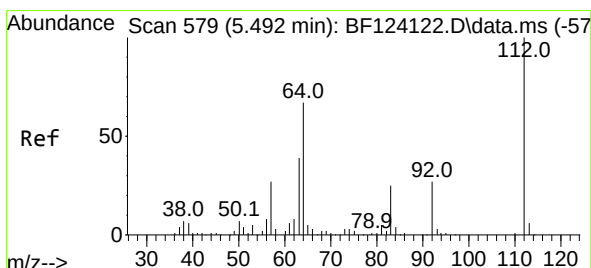
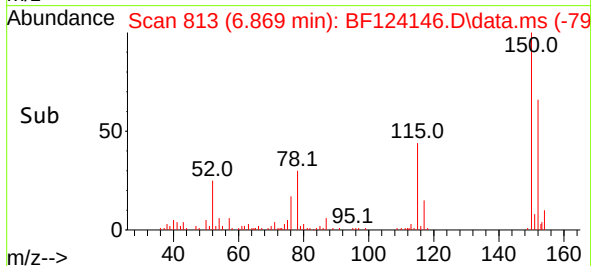
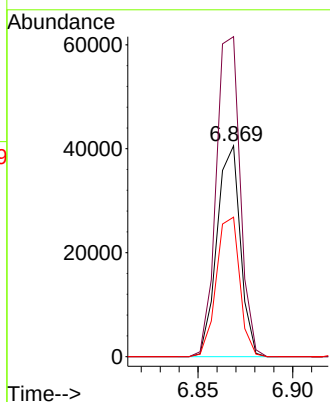
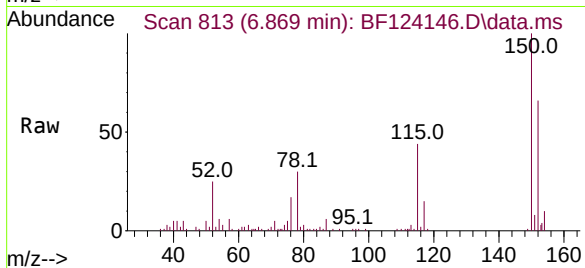




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.869 min Scan# 813
Delta R.T. -0.000 min
Lab File: BF124146.D
Acq: 4 Jun 2021 18:39

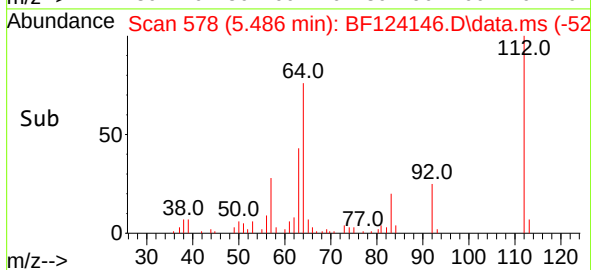
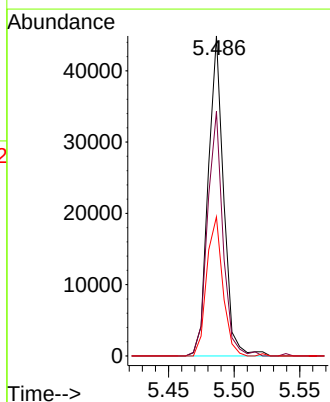
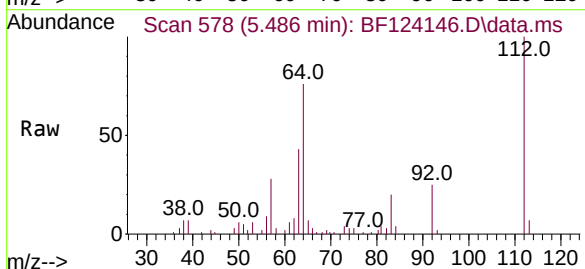
Instrument :
BNA_F
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EO-02-060221

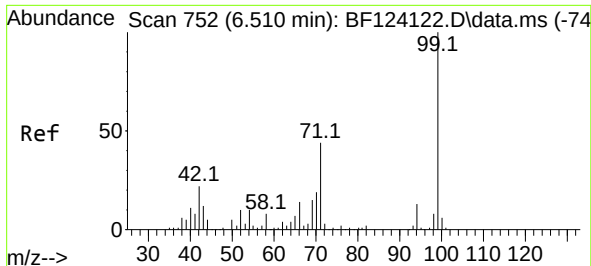
Tgt Ion:152 Resp: 34887
Ion Ratio Lower Upper
152 100
150 151.7 127.0 190.6
115 66.2 54.3 81.5



#5
2-Fluorophenol
Concen: 15.84 ng
RT: 5.486 min Scan# 578
Delta R.T. -0.006 min
Lab File: BF124146.D
Acq: 4 Jun 2021 18:39

Tgt Ion:112 Resp: 36711
Ion Ratio Lower Upper
112 100
64 76.4 61.4 92.0
63 43.4 33.0 49.4

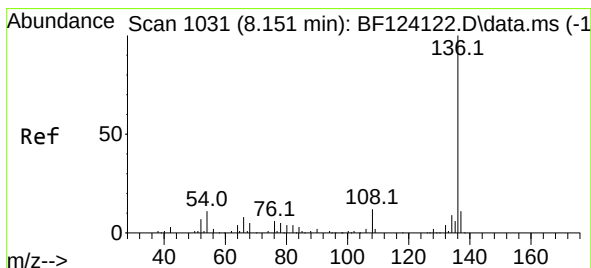
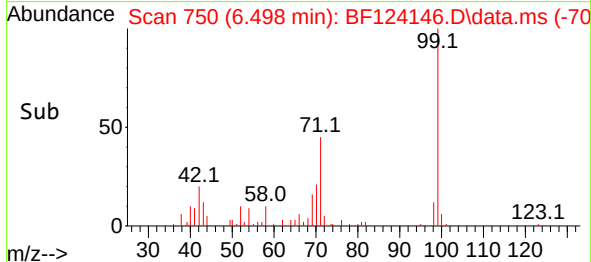
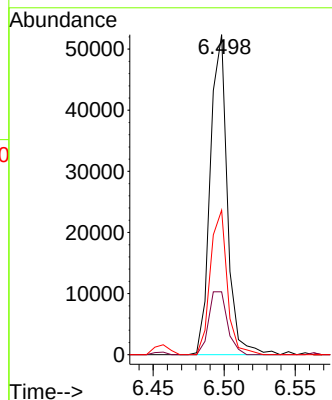
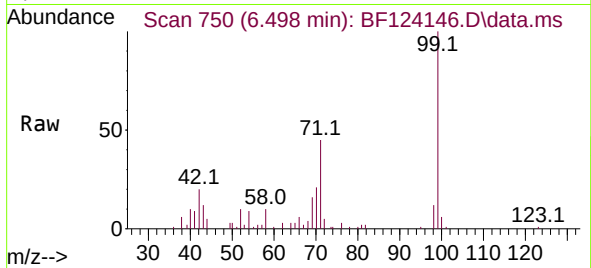




#7
Phenol-d6
Concen: 14.07 ng
RT: 6.498 min Scan# 750
Delta R.T. -0.012 min
Lab File: BF124146.D
Acq: 4 Jun 2021 18:39

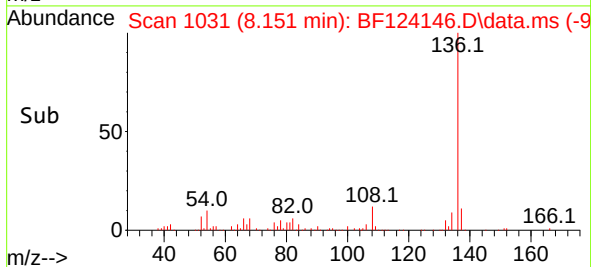
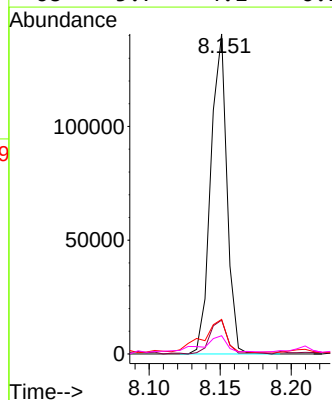
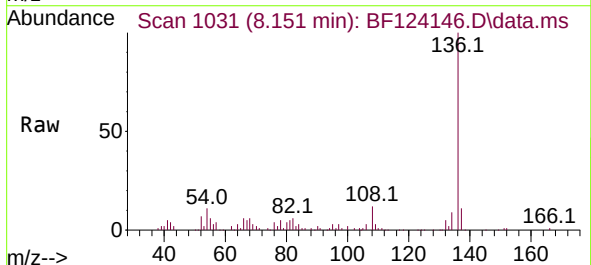
Instrument :
BNA_F
ClientSampleId :
EO-02-060221

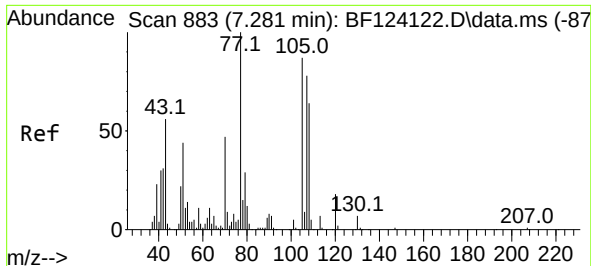
Tgt Ion: 99 Resp: 43828
Ion Ratio Lower Upper
99 100
42 19.7 19.8 29.8#
71 45.1 31.1 46.7



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.000 min
Lab File: BF124146.D
Acq: 4 Jun 2021 18:39

Tgt Ion:136 Resp: 111843
Ion Ratio Lower Upper
136 100
137 10.6 8.7 13.1
54 10.8 9.8 14.6
68 5.7 4.1 6.1

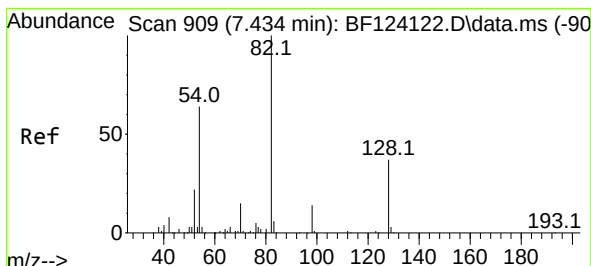
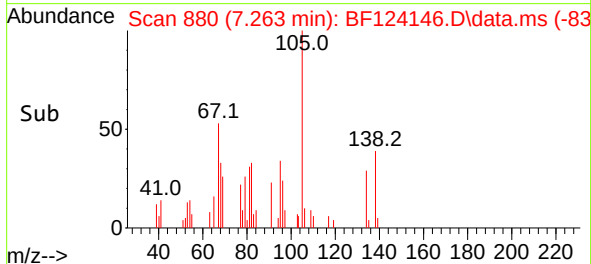
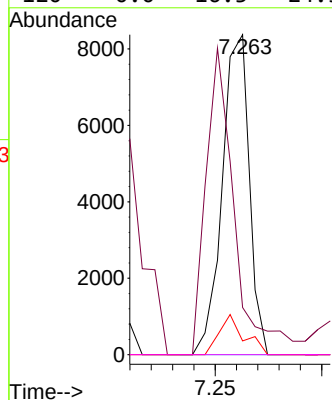
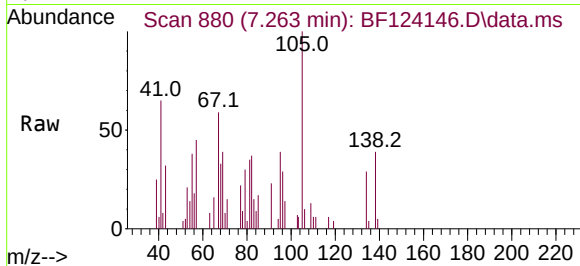




#22
Acetophenone
Concen: 2.31 ng
RT: 7.263 min Scan# 880
Delta R.T. -0.018 min
Lab File: BF124146.D
Acq: 4 Jun 2021 18:39

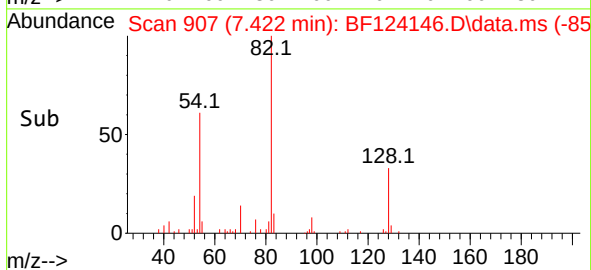
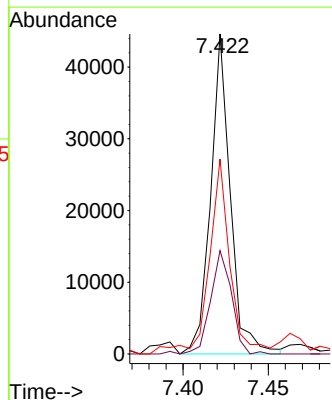
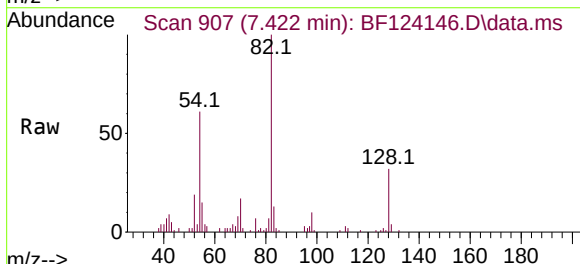
Instrument :
BNA_F
ClientSampled :
EO-02-060221

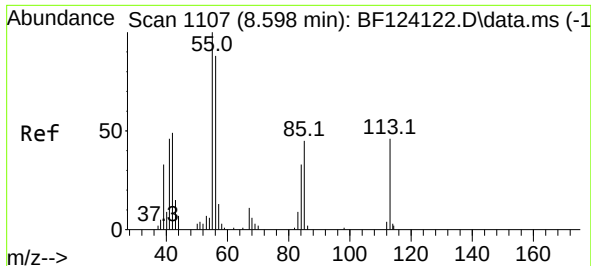
Tgt Ion:105 Resp: 7378
Ion Ratio Lower Upper
105 100
71 14.8 4.2 6.4#
51 4.3 33.6 50.4#
120 0.0 16.3 24.5#



#23
Nitrobenzene-d5
Concen: 12.75 ng
RT: 7.422 min Scan# 907
Delta R.T. -0.012 min
Lab File: BF124146.D
Acq: 4 Jun 2021 18:39

Tgt Ion: 82 Resp: 35954
Ion Ratio Lower Upper
82 100
128 32.3 29.4 44.2
54 60.9 54.1 81.1

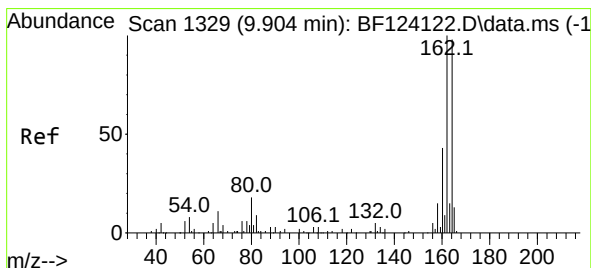
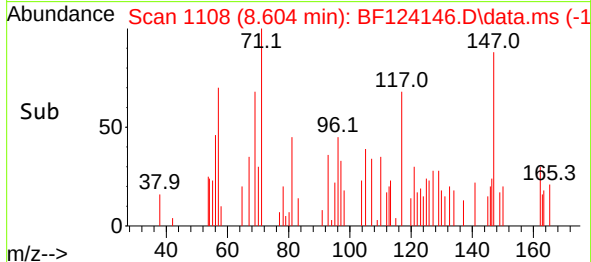
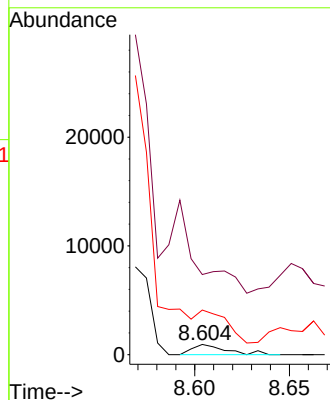
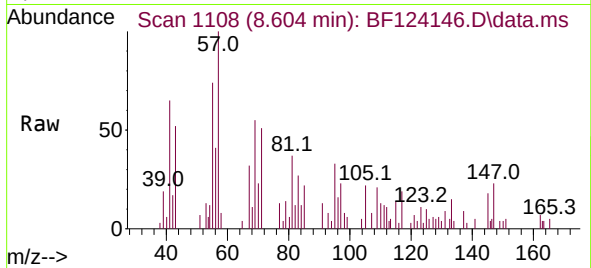




#35
Caprolactam
Concen: 2.05 ng
RT: 8.604 min Scan# 1108
Delta R.T. 0.006 min
Lab File: BF124146.D
Acq: 4 Jun 2021 18:39

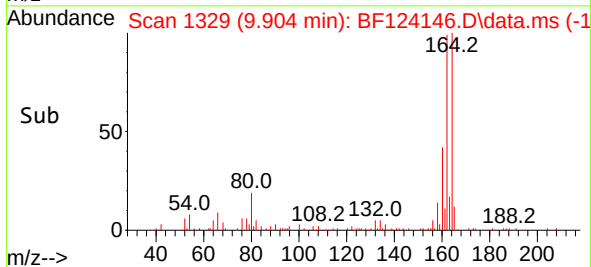
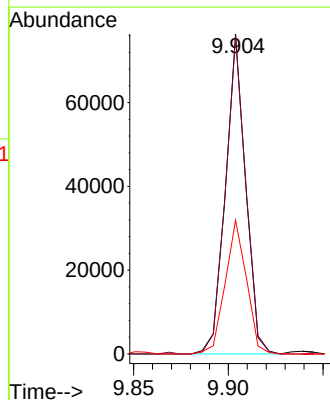
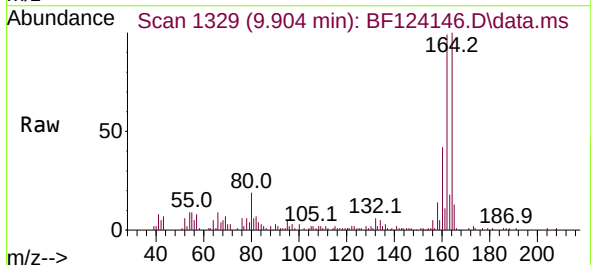
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ClientSampleId :
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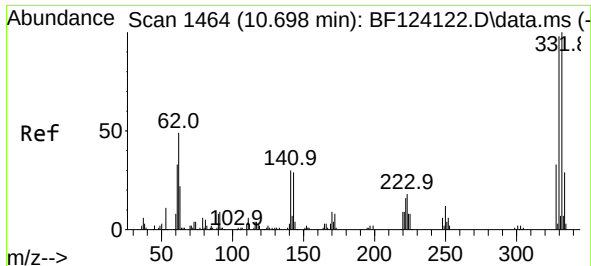
Tgt Ion:113 Resp: 1159
Ion Ratio Lower Upper
113 100
55 788.0 254.9 294.9#
56 438.8 179.4 219.4#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.904 min Scan# 1329
Delta R.T. -0.000 min
Lab File: BF124146.D
Acq: 4 Jun 2021 18:39

Tgt Ion:164 Resp: 56302
Ion Ratio Lower Upper
164 100
162 99.2 80.7 121.1
160 41.8 37.3 55.9

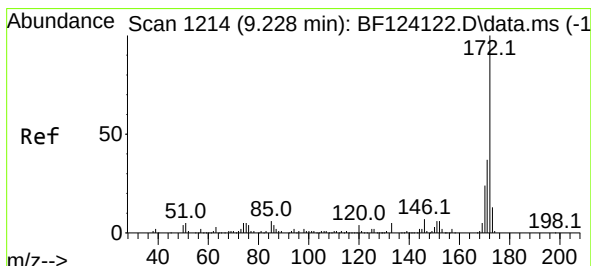
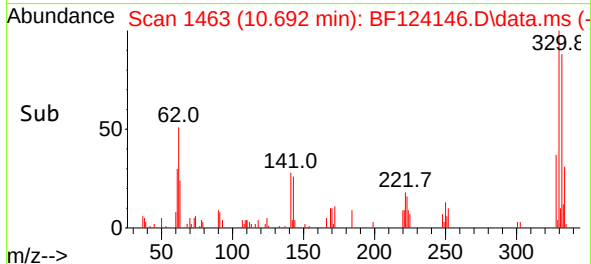
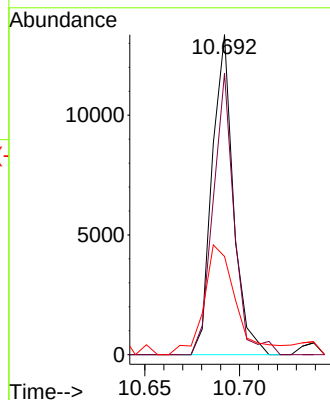
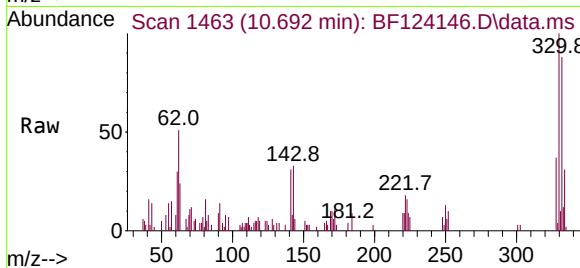




#42
2,4,6-Tribromophenol
Concen: 13.10 ng
RT: 10.692 min Scan# 1463
Delta R.T. -0.006 min
Lab File: BF124146.D
Acq: 4 Jun 2021 18:39

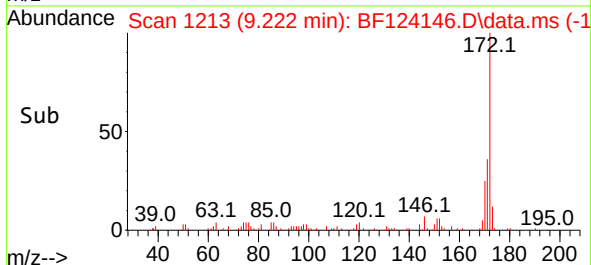
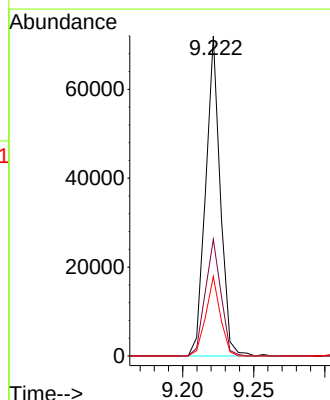
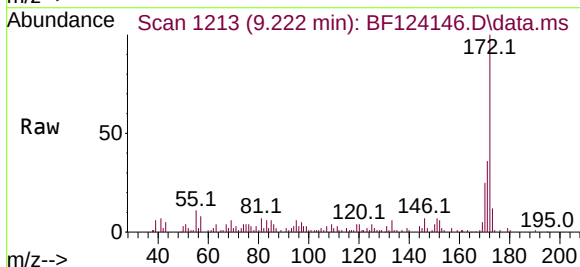
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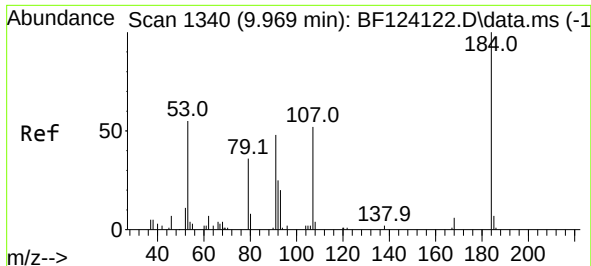
Tgt Ion:330 Resp: 10452
Ion Ratio Lower Upper
330 100
332 87.4 77.1 115.7
141 52.1 27.9 41.9#



#45
2-Fluorobiphenyl
Concen: 11.55 ng
RT: 9.222 min Scan# 1213
Delta R.T. -0.006 min
Lab File: BF124146.D
Acq: 4 Jun 2021 18:39

Tgt Ion:172 Resp: 51660
Ion Ratio Lower Upper
172 100
171 36.5 28.1 42.1
170 24.8 19.2 28.8

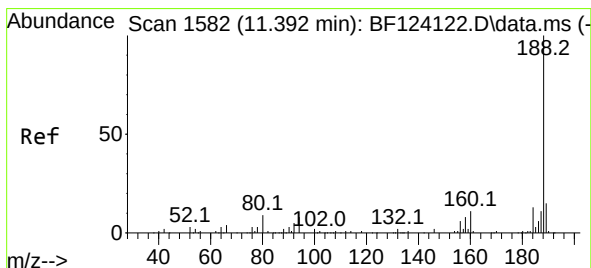
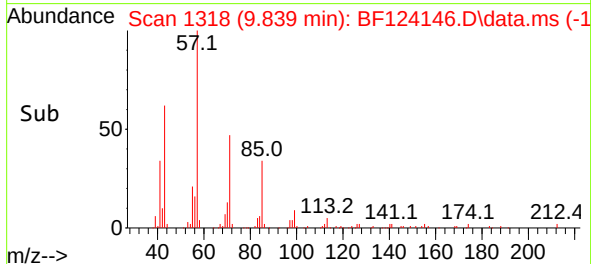
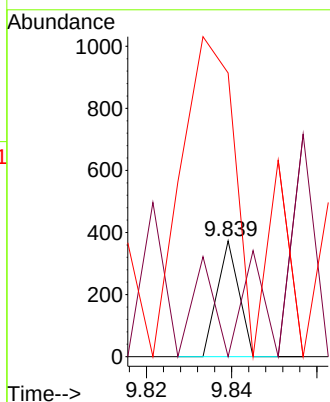
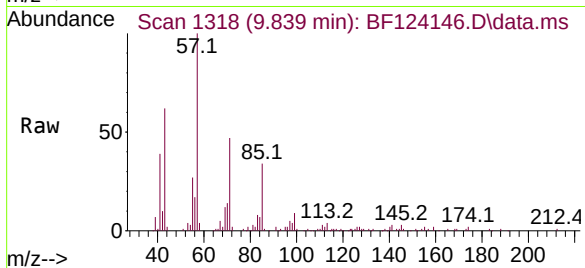




#54
2,4-Dinitrophenol
Concen: 3.74 ng
RT: 9.839 min Scan# 1318
Delta R.T. -0.130 min
Lab File: BF124146.D
Acq: 4 Jun 2021 18:39

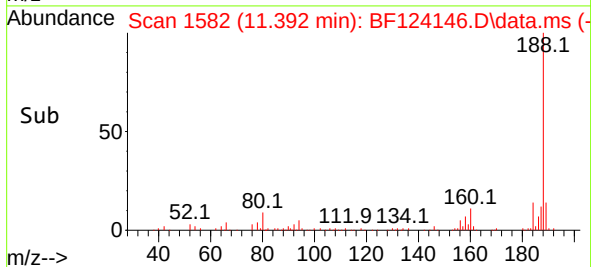
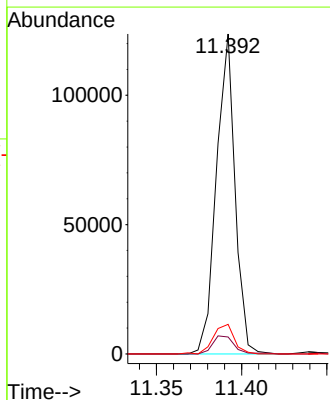
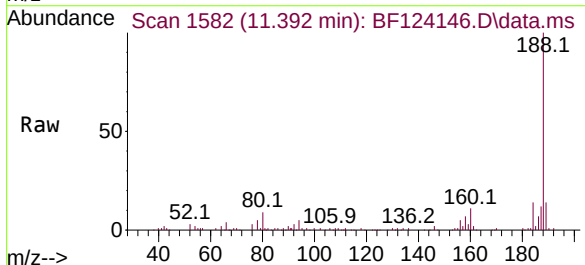
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BNA_F
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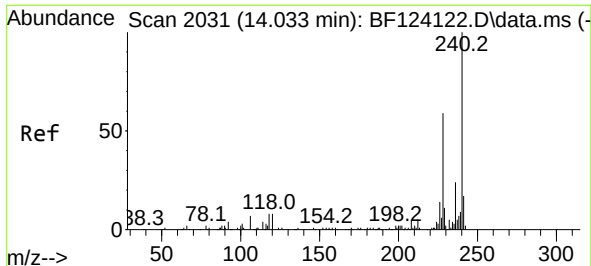
Tgt Ion:184 Resp: 132
Ion Ratio Lower Upper
184 100
63 0.0 73.5 110.3#
154 245.0 52.5 78.7#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.392 min Scan# 1582
Delta R.T. -0.000 min
Lab File: BF124146.D
Acq: 4 Jun 2021 18:39

Tgt Ion:188 Resp: 94044
Ion Ratio Lower Upper
188 100
94 5.3 6.9 10.3#
80 9.2 8.2 12.2

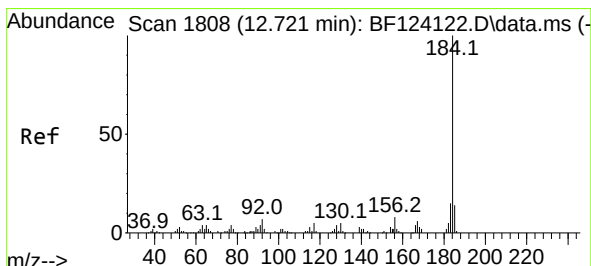
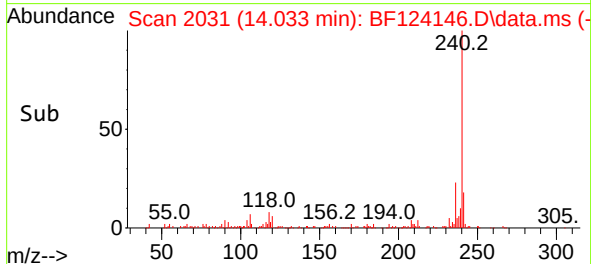
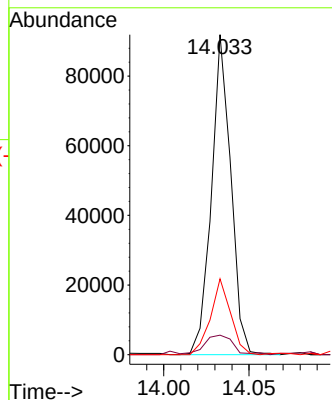
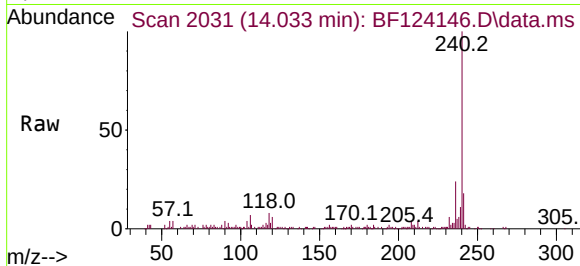




#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.033 min Scan# 2031
Delta R.T. -0.000 min
Lab File: BF124146.D
Acq: 4 Jun 2021 18:39

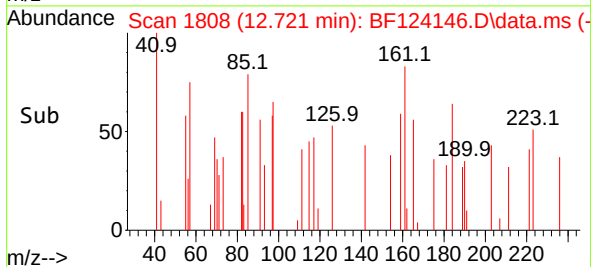
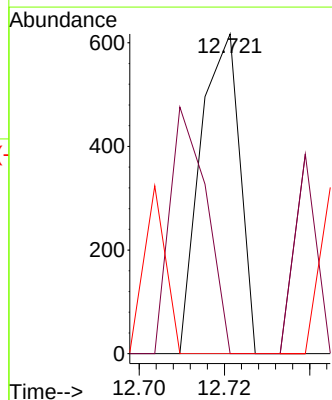
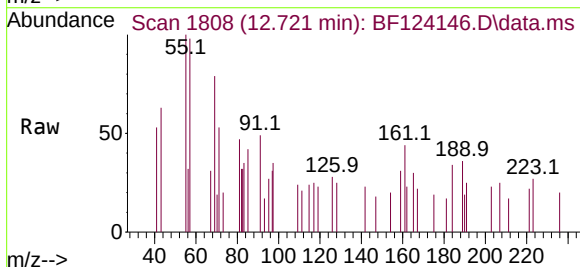
Instrument :
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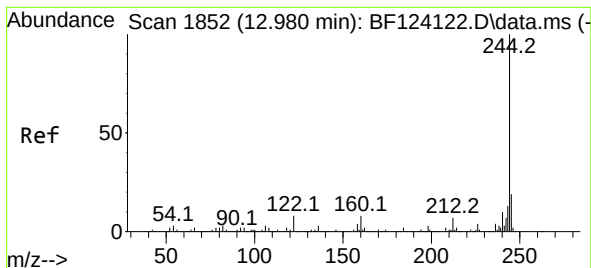
Tgt Ion:240 Resp: 73001
Ion Ratio Lower Upper
240 100
120 6.1 7.2 10.8#
236 23.7 19.0 28.4



#77
Benzidine
Concen: 4.27 ng
RT: 12.721 min Scan# 1808
Delta R.T. 0.000 min
Lab File: BF124146.D
Acq: 4 Jun 2021 18:39

Tgt Ion:184 Resp: 393
Ion Ratio Lower Upper
184 100
185 0.0 12.1 18.1#
183 0.0 7.8 11.8#





#79

Terphenyl-d14

Concen: 9.11 ng

RT: 12.974 min Scan# 1851

Delta R.T. -0.006 min

Lab File: BF124146.D

Acq: 4 Jun 2021 18:39

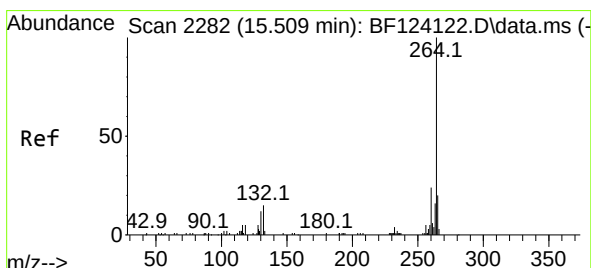
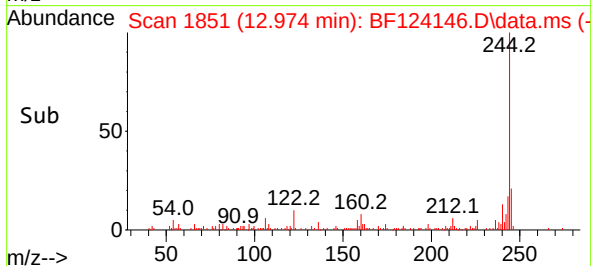
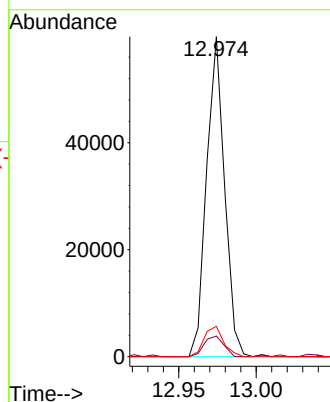
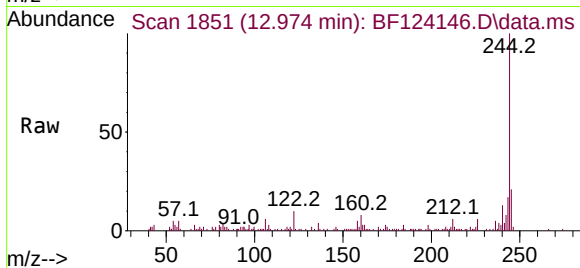
Tgt Ion:244	Resp:	48426
Ion Ratio	Lower	Upper
244	100	
212	6.4	5.7 8.5
122	9.5	9.7 14.5#

Instrument :

BNA_F

ClientSampleId :

EO-02-060221



#86

Perylene-d12

Concen: 20.00 ng

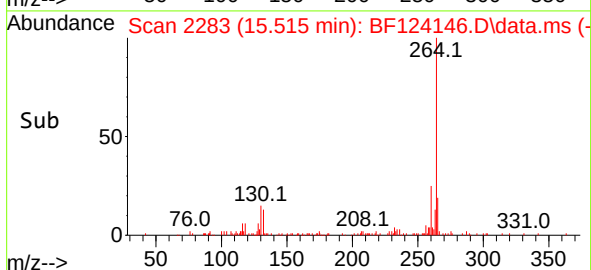
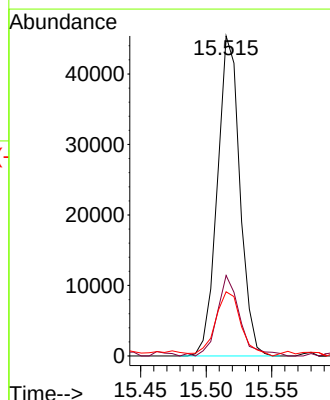
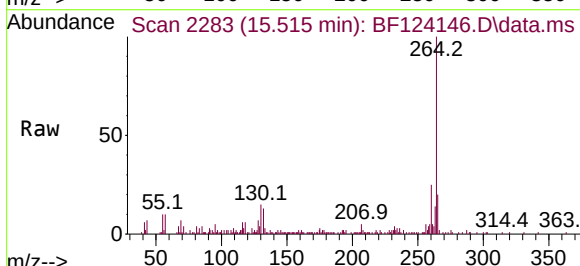
RT: 15.515 min Scan# 2283

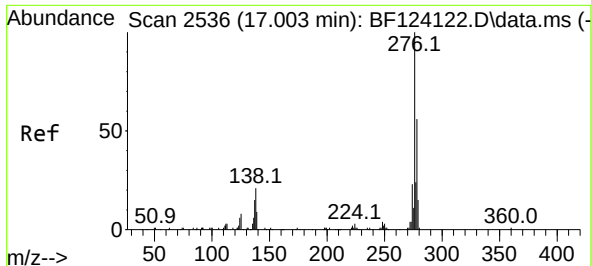
Delta R.T. 0.006 min

Lab File: BF124146.D

Acq: 4 Jun 2021 18:39

Tgt Ion:264	Resp:	54060
Ion Ratio	Lower	Upper
264	100	
260	25.2	18.7 28.1
265	20.0	17.8 26.8

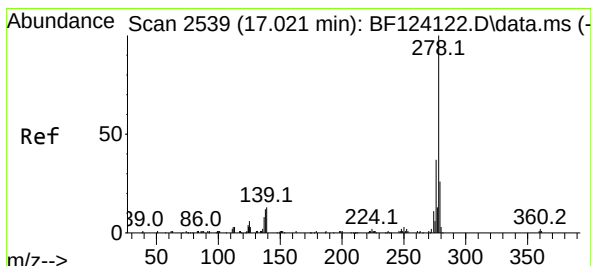
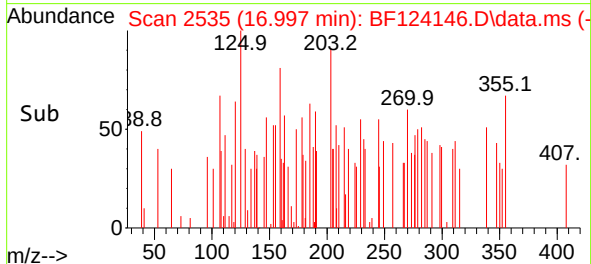
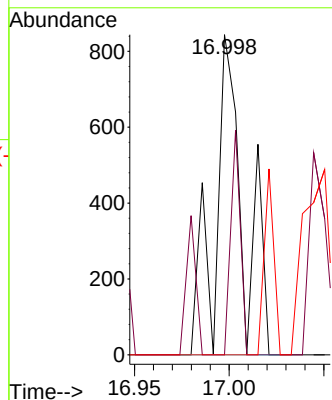
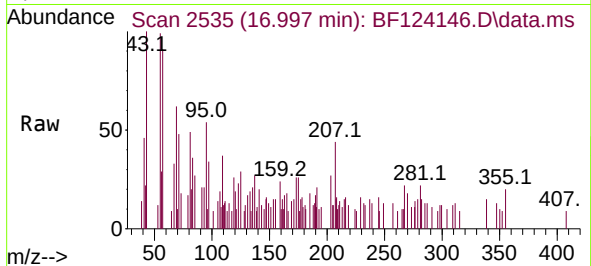




#87
Indeno(1,2,3-cd)pyrene
Concen: 4.51 ng
RT: 16.997 min Scan# 2535
Delta R.T. -0.006 min
Lab File: BF124146.D
Acq: 4 Jun 2021 18:39

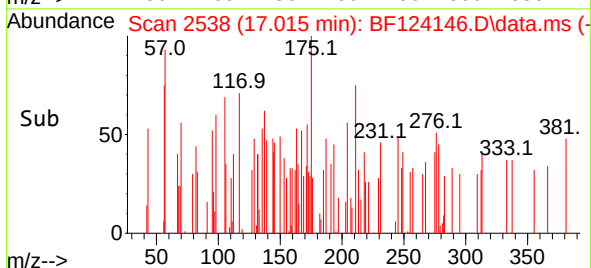
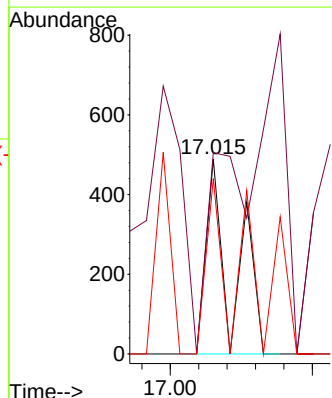
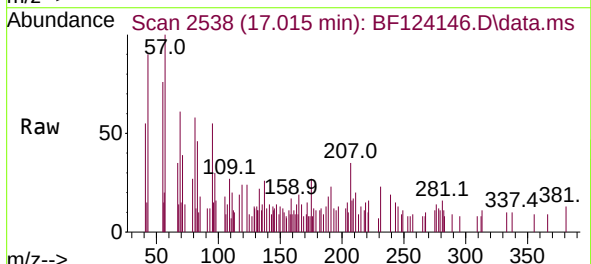
Instrument :
BNA_F
ClientSampleId :
EO-02-060221

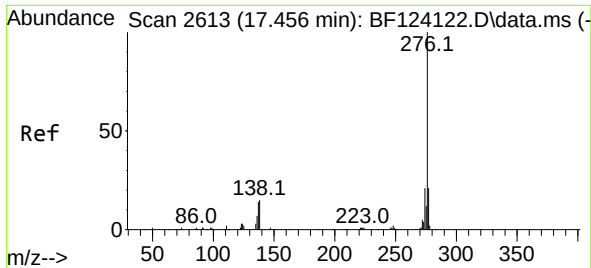
Tgt Ion:276 Resp: 880
Ion Ratio Lower Upper
276 100
138 23.8 16.2 24.2
277 0.0 20.1 30.1#



#91
Dibenzo(a,h)anthracene
Concen: 4.25 ng
RT: 17.015 min Scan# 2538
Delta R.T. -0.006 min
Lab File: BF124146.D
Acq: 4 Jun 2021 18:39

Tgt Ion:278 Resp: 307
Ion Ratio Lower Upper
278 100
139 103.3 10.2 15.2#
279 90.0 19.4 29.0#





#92
Benzo(g,h,i)perylene
Concen: 3.88 ng
RT: 17.474 min Scan# 2616
Delta R.T. 0.018 min
Lab File: BF124146.D
Acq: 4 Jun 2021 18:39

Instrument :
BNA_F
ClientSampleId :
EO-02-060221

Tgt Ion:276 Resp: 298
Ion Ratio Lower Upper
276 100
277 0.0 18.2 27.2#
138 211.4 13.8 20.6#

