

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061221\
 Data File : BF124284.D
 Acq On : 12 Jun 2021 14:01
 Operator : JU/CG
 Sample : M2675-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BS-RO-COMP

Quant Time: Jun 14 04:25:13 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)

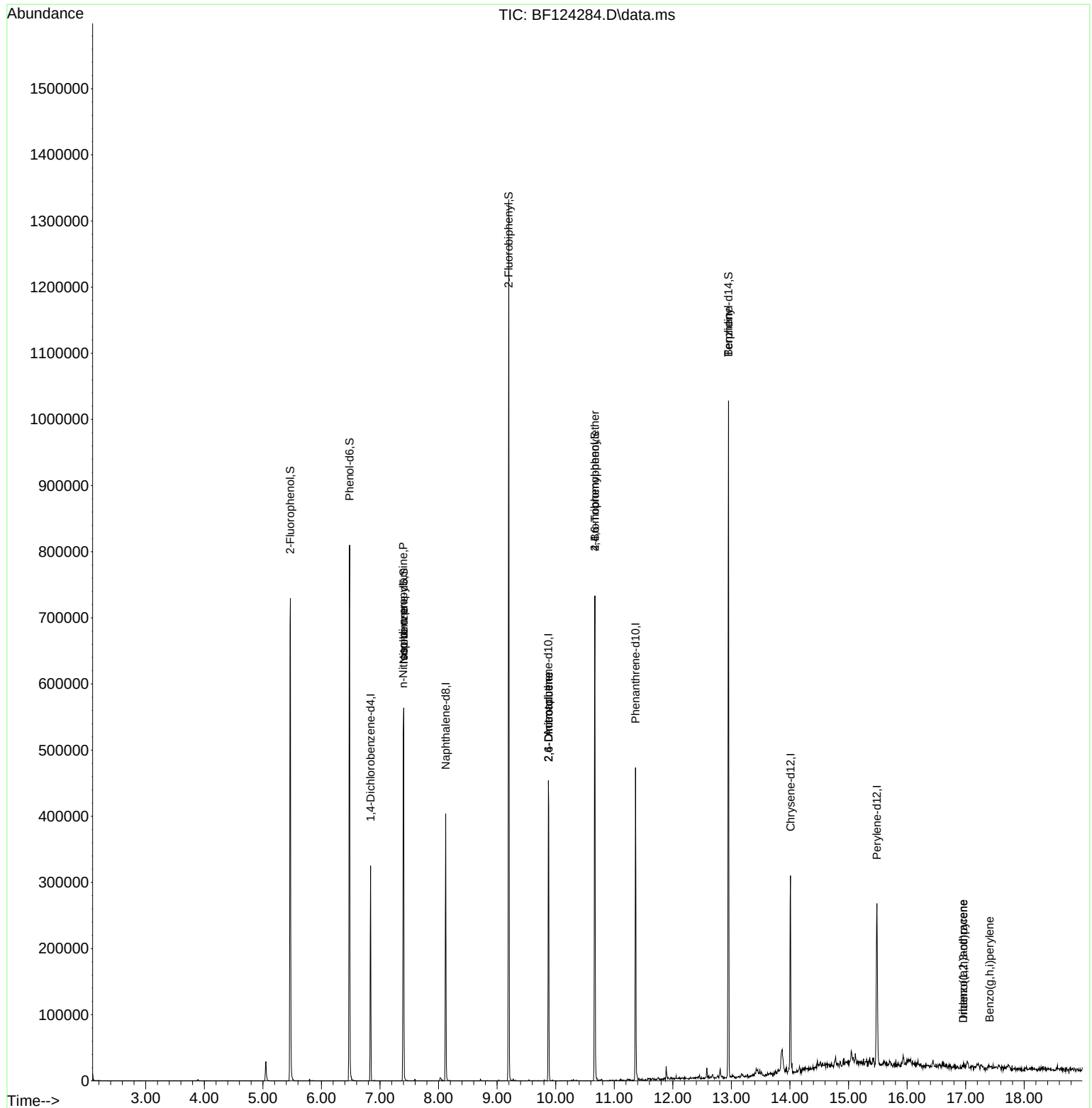
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.839	152	37004	20.000	ng	-0.01
21) Naphthalene-d8	8.122	136	146586	20.000	ng	#-0.01
39) Acenaphthene-d10	9.875	164	87605	20.000	ng	-0.02
64) Phenanthrene-d10	11.363	188	146597	20.000	ng	-0.01
76) Chrysene-d12	14.010	240	94585	20.000	ng	#-0.01
86) Perylene-d12	15.486	264	106164	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	168768	68.656	ng	-0.01
7) Phenol-d6	6.481	99	218080	66.001	ng	-0.02
23) Nitrobenzene-d5	7.404	82	173478	46.937	ng	-0.01
42) 2,4,6-Tribromophenol	10.669	330	76146	61.351	ng	-0.01
45) 2-Fluorobiphenyl	9.198	172	331400	47.603	ng	-0.01
79) Terphenyl-d14	12.951	244	289574	42.033	ng	-0.01
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.398	70	23966	10.275	ng	# 70
25) Isophorone	7.404	82	173476	26.047	ng	# 69
51) 2,6-Dinitrotoluene	9.880	165	11183	6.729	ng	# 11
57) 2,4-Dinitrotoluene	9.880	165	11183	5.102	ng	# 17
67) 4-Bromophenyl-phenylether	10.669	248	4752	2.362	ng	# 1
77) Benzidine	12.951	184	4990	6.133	ng	95
87) Indeno(1,2,3-cd)pyrene	16.962	276	2746	4.618	ng	# 77
91) Dibenzo(a,h)anthracene	16.956	278	1193	4.319	ng	# 57
92) Benzo(g,h,i)perylene	17.409	276	2975	4.175	ng	# 81

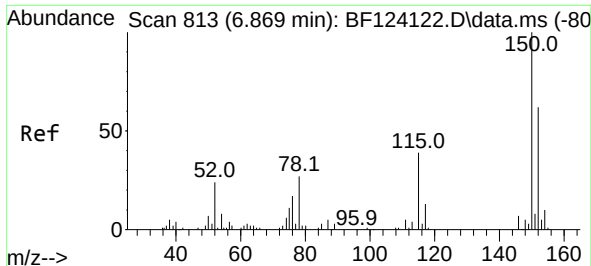
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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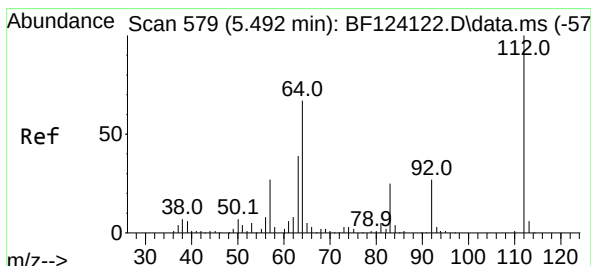
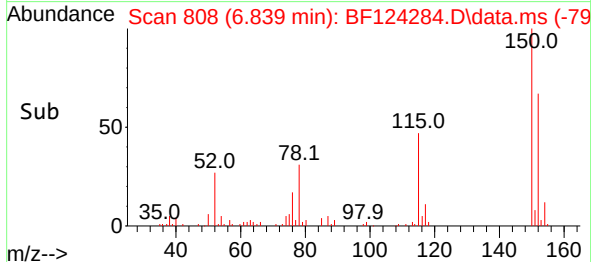
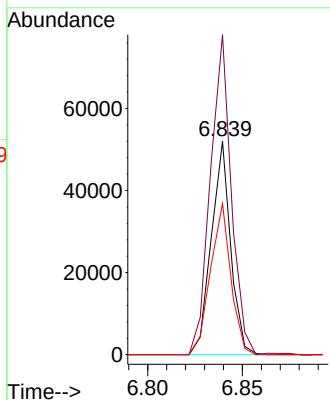
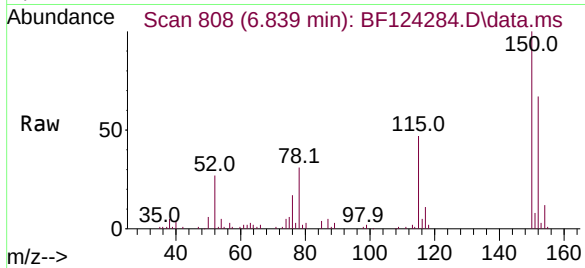




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.839 min Scan# 808
Delta R.T. -0.012 min
Lab File: BF124284.D
Acq: 12 Jun 2021 14:01

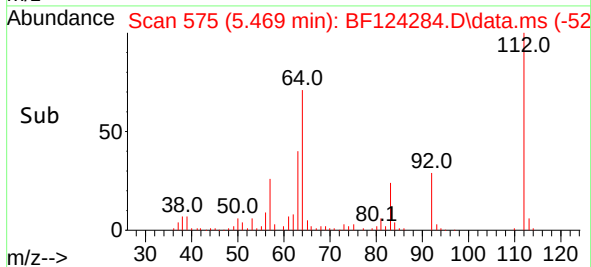
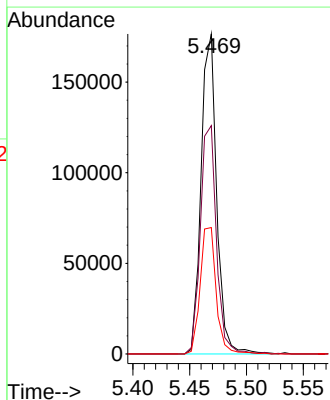
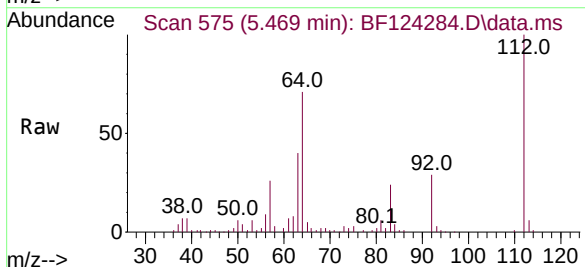
Instrument :
BNA_F
ClientSampleId :
BS-RO-COMP

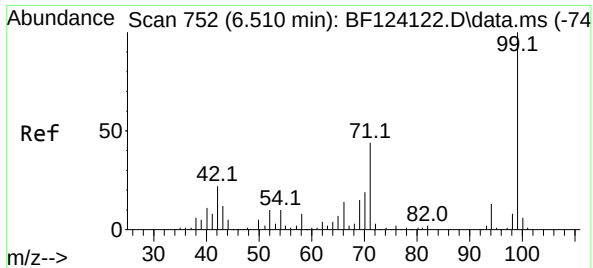
Tgt Ion:152 Resp: 37004
Ion Ratio Lower Upper
152 100
150 150.0 127.0 190.6
115 70.8 54.3 81.5



#5
2-Fluorophenol
Concen: 68.656 ng
RT: 5.469 min Scan# 575
Delta R.T. -0.012 min
Lab File: BF124284.D
Acq: 12 Jun 2021 14:01

Tgt Ion:112 Resp: 168768
Ion Ratio Lower Upper
112 100
64 71.4 61.4 92.0
63 39.5 33.0 49.4



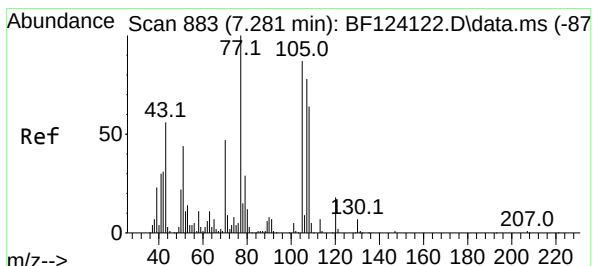
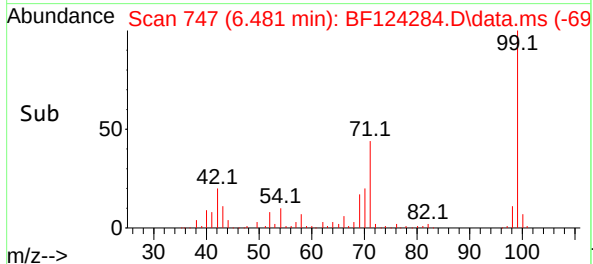
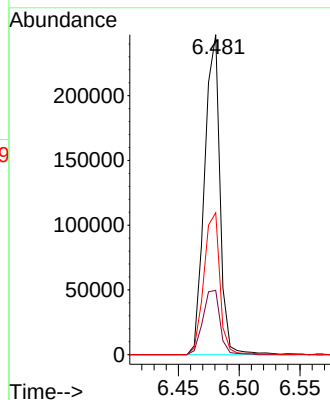
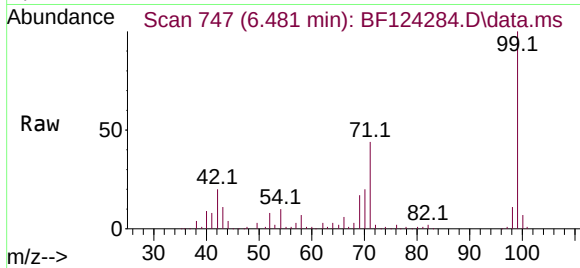


#7
Phenol-d6
Concen: 66.001 ng
RT: 6.481 min Scan# 747
Delta R.T. -0.018 min
Lab File: BF124284.D
Acq: 12 Jun 2021 14:01

Instrument :
BNA_F
ClientSampleId :
BS-RO-COMP

Tgt Ion: 99 Resp: 218080

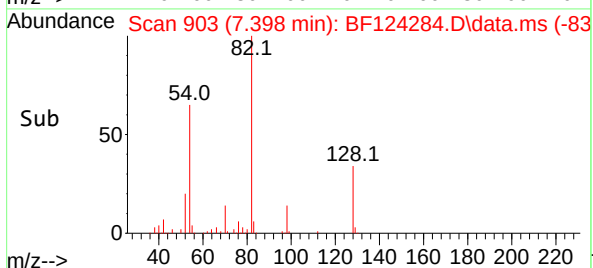
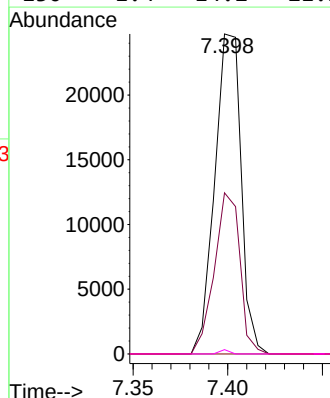
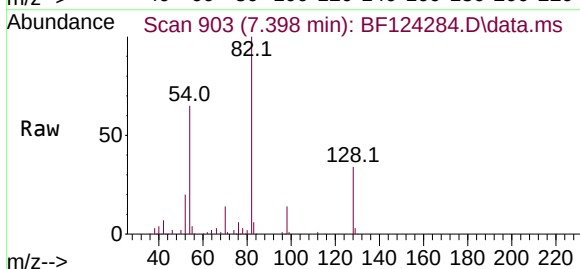
Ion	Ratio	Lower	Upper
99	100		
42	20.1	19.8	29.8
71	44.3	31.1	46.7

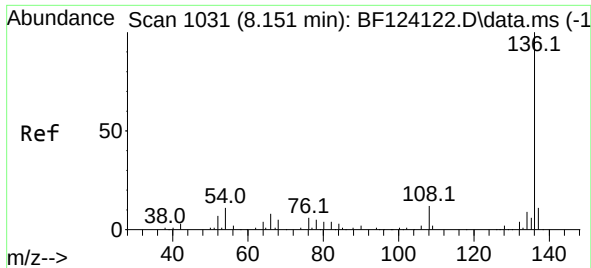


#19
n-Nitroso-di-n-propylamine
Concen: 10.275 ng
RT: 7.398 min Scan# 903
Delta R.T. 0.130 min
Lab File: BF124284.D
Acq: 12 Jun 2021 14:01

Tgt Ion: 70 Resp: 23966

Ion	Ratio	Lower	Upper
70	100		
42	50.4	60.1	90.1#
101	0.0	7.4	11.2#
130	1.4	14.2	21.2#

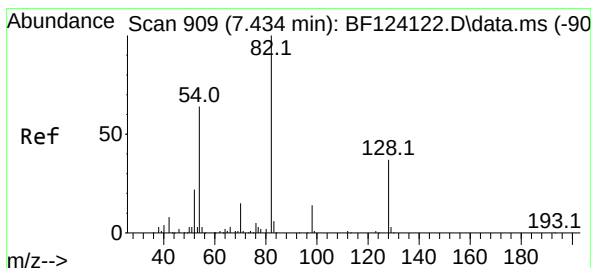
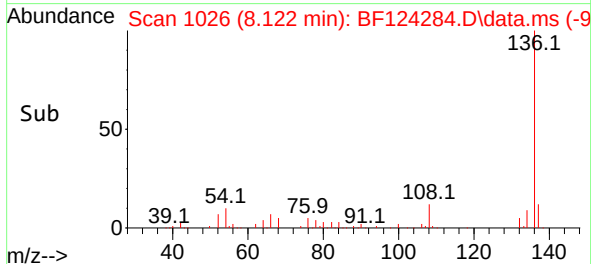
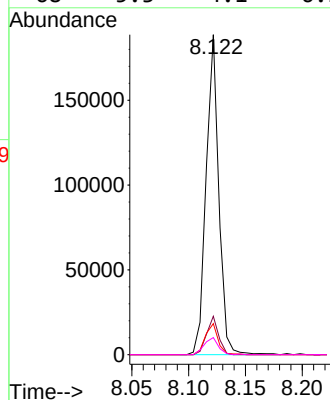
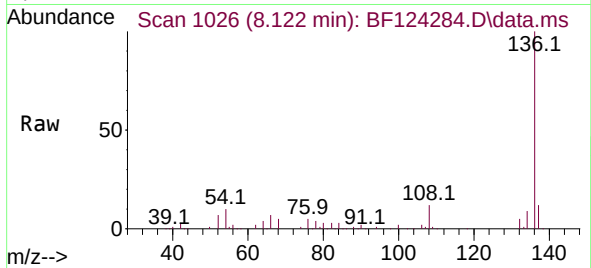




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.012 min
Lab File: BF124284.D
Acq: 12 Jun 2021 14:01

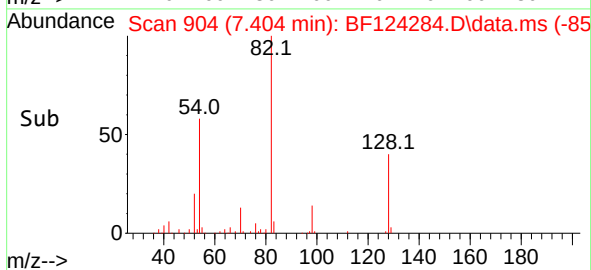
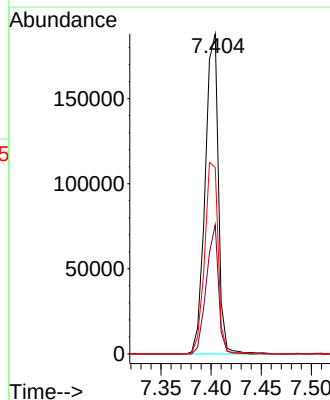
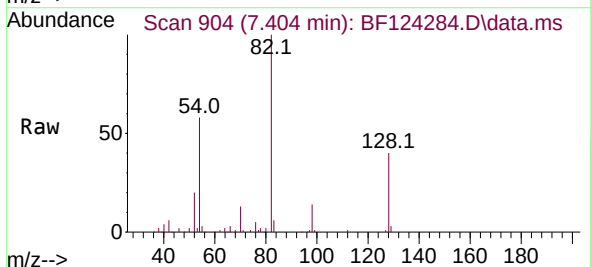
Instrument :
BNA_F
ClientSampled :
BS-RO-COMP

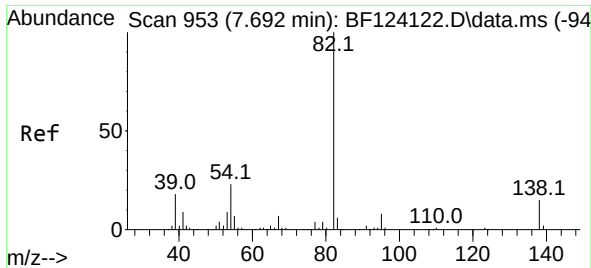
Tgt Ion:136	Resp:	146586
Ion Ratio	Lower	Upper
136	100	
137	12.0	8.7 13.1
54	9.7	9.8 14.6#
68	5.3	4.1 6.1



#23
Nitrobenzene-d5
Concen: 46.937 ng
RT: 7.404 min Scan# 904
Delta R.T. -0.012 min
Lab File: BF124284.D
Acq: 12 Jun 2021 14:01

Tgt Ion: 82	Resp:	173478
Ion Ratio	Lower	Upper
82	100	
128	40.4	29.4 44.2
54	58.3	54.1 81.1

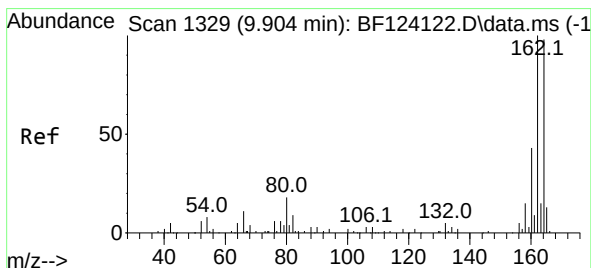
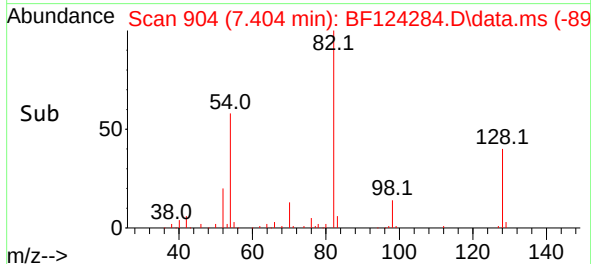
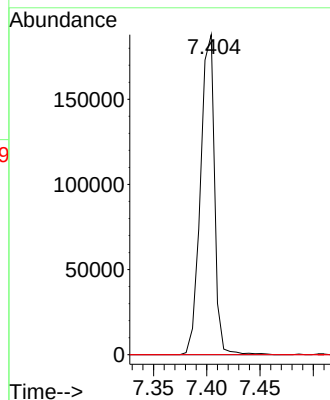
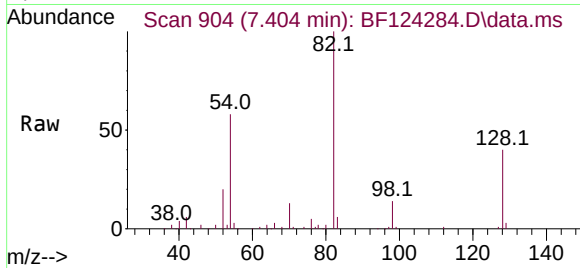




#25
Isophorone
Concen: 26.047 ng
RT: 7.404 min Scan# 904
Delta R.T. -0.270 min
Lab File: BF124284.D
Acq: 12 Jun 2021 14:01

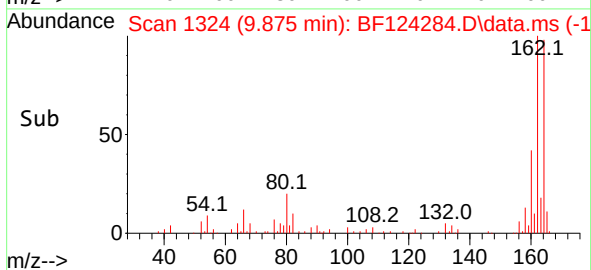
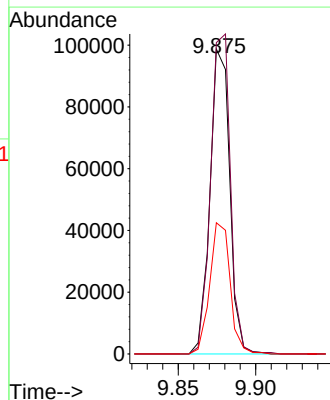
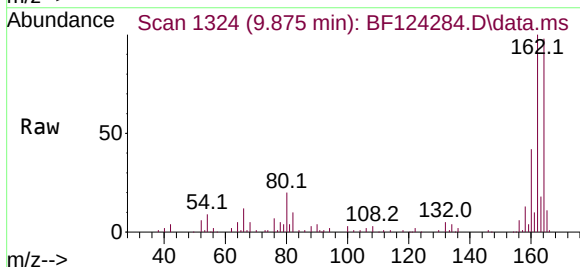
Instrument :
BNA_F
ClientSampleId :
BS-RO-COMP

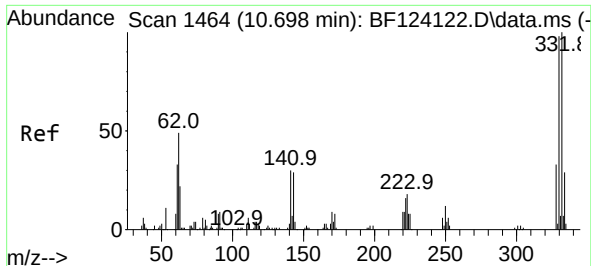
Tgt Ion: 82 Resp: 173476
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 11.8 17.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.875 min Scan# 1324
Delta R.T. -0.017 min
Lab File: BF124284.D
Acq: 12 Jun 2021 14:01

Tgt Ion: 164 Resp: 87605
Ion Ratio Lower Upper
164 100
162 102.1 80.7 121.1
160 43.0 37.3 55.9

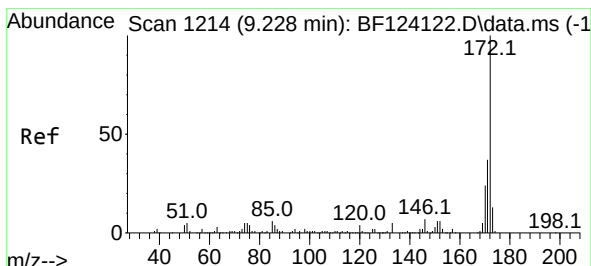
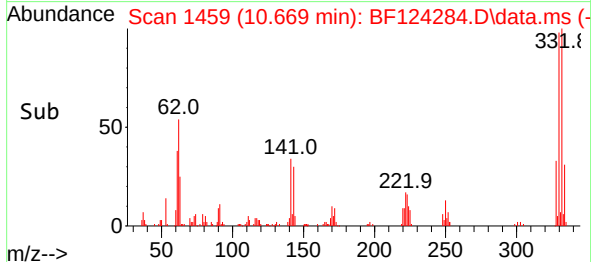
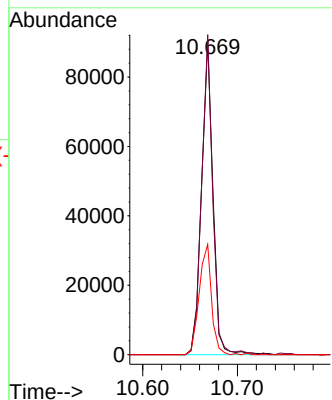
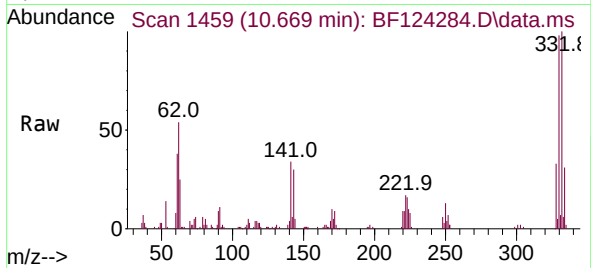




#42
2,4,6-Tribromophenol
Concen: 61.351 ng
RT: 10.669 min Scan# 1459
Delta R.T. -0.012 min
Lab File: BF124284.D
Acq: 12 Jun 2021 14:01

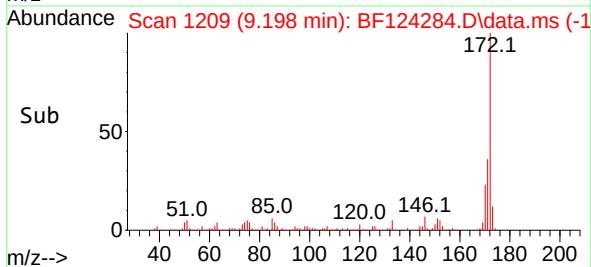
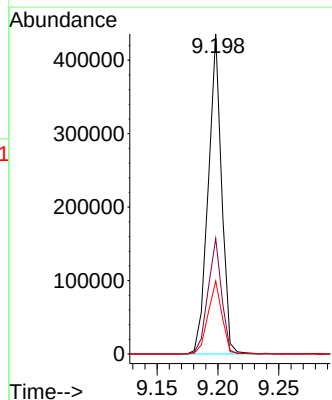
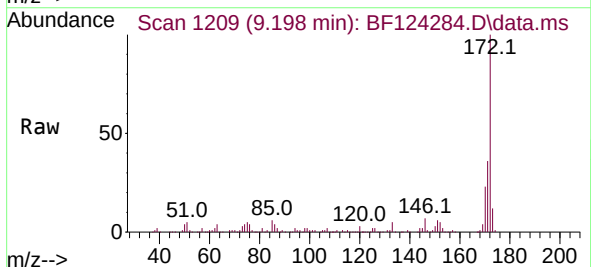
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ClientSampleId :
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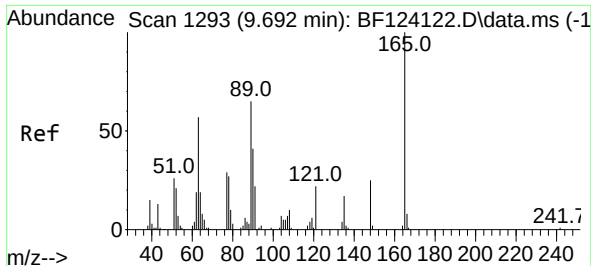
Tgt Ion: 330 Resp: 76146
Ion Ratio Lower Upper
330 100
332 98.7 77.1 115.7
141 37.9 27.9 41.9



#45
2-Fluorobiphenyl
Concen: 47.603 ng
RT: 9.198 min Scan# 1209
Delta R.T. -0.012 min
Lab File: BF124284.D
Acq: 12 Jun 2021 14:01

Tgt Ion: 172 Resp: 331400
Ion Ratio Lower Upper
172 100
171 36.1 28.1 42.1
170 22.8 19.2 28.8

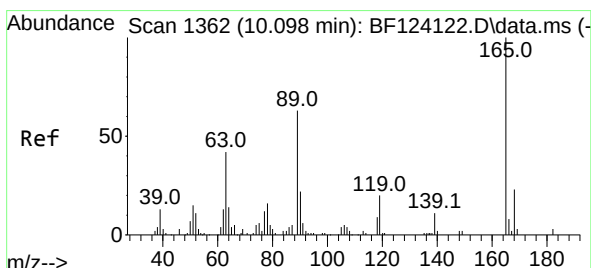
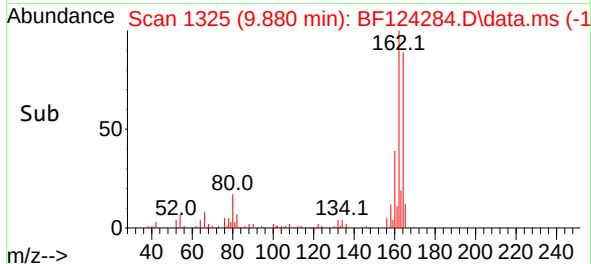
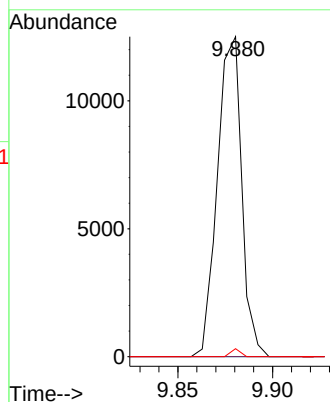
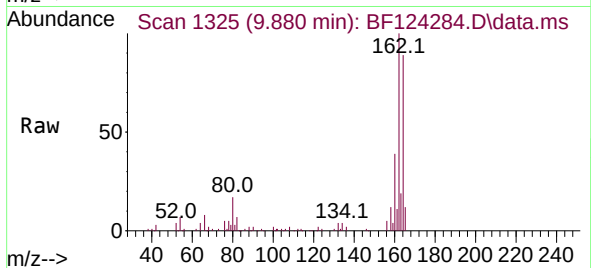




#51
2,6-Dinitrotoluene
Concen: 6.729 ng
RT: 9.880 min Scan# 1325
Delta R.T. 0.200 min
Lab File: BF124284.D
Acq: 12 Jun 2021 14:01

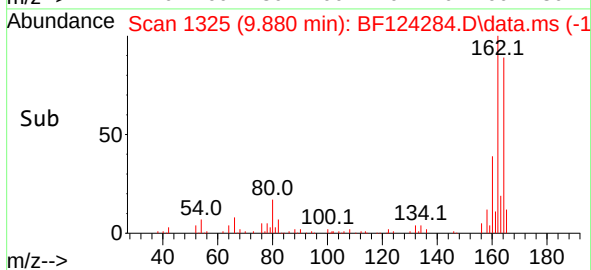
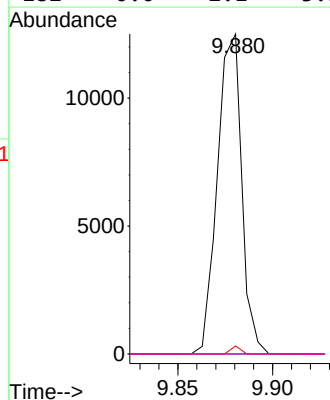
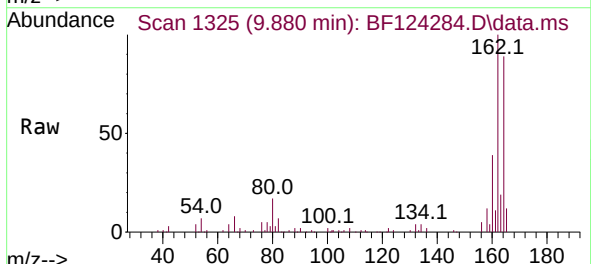
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ClientSampleId :
BS-RO-COMP

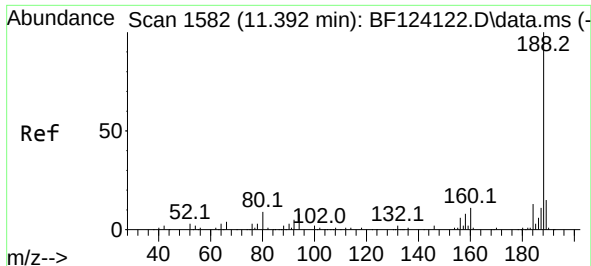
Tgt Ion:165 Resp: 11183
Ion Ratio Lower Upper
165 100
63 0.0 67.7 101.5#
89 2.5 58.8 88.2#



#57
2,4-Dinitrotoluene
Concen: 5.102 ng
RT: 9.880 min Scan# 1325
Delta R.T. -0.206 min
Lab File: BF124284.D
Acq: 12 Jun 2021 14:01

Tgt Ion:165 Resp: 11183
Ion Ratio Lower Upper
165 100
63 0.0 43.5 65.3#
89 2.5 67.7 101.5#
182 0.0 2.1 3.1#

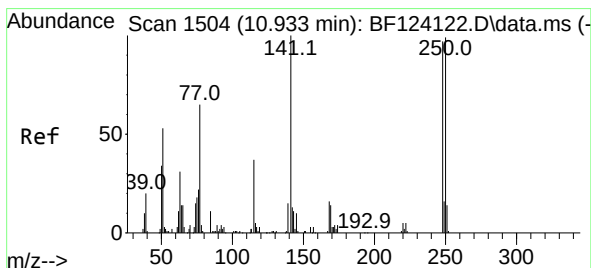
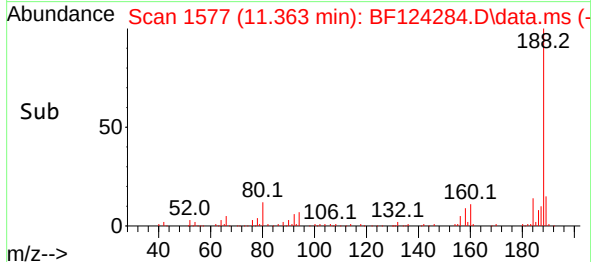
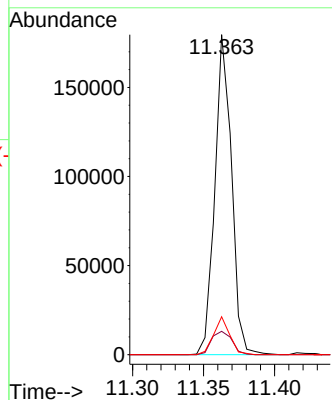
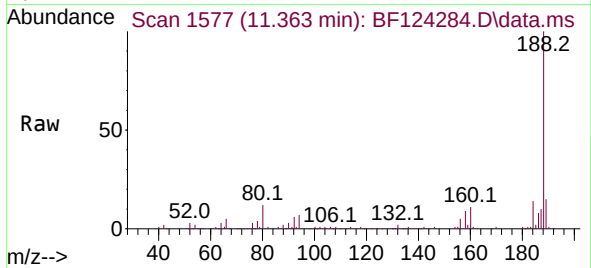




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.363 min Scan# 1577
Delta R.T. -0.012 min
Lab File: BF124284.D
Acq: 12 Jun 2021 14:01

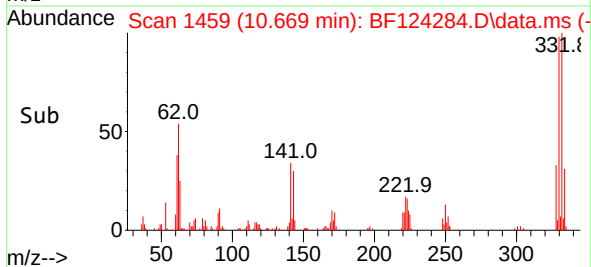
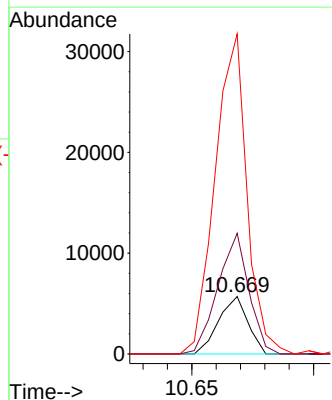
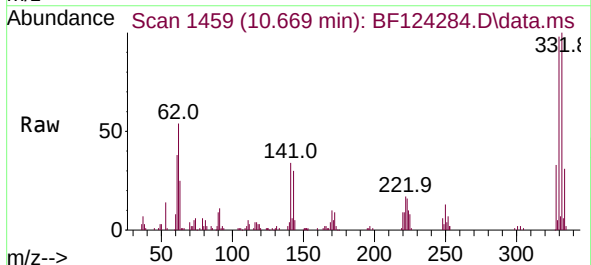
Instrument :
BNA_F
ClientSampleId :
BS-RO-COMP

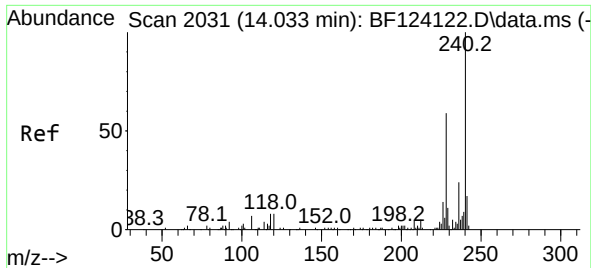
Tgt Ion:188 Resp: 146597
Ion Ratio Lower Upper
188 100
94 7.3 6.9 10.3
80 11.9 8.2 12.2



#67
4-Bromophenyl-phenylether
Concen: 2.362 ng
RT: 10.669 min Scan# 1459
Delta R.T. -0.253 min
Lab File: BF124284.D
Acq: 12 Jun 2021 14:01

Tgt Ion:248 Resp: 4752
Ion Ratio Lower Upper
248 100
250 210.3 77.4 116.2#
141 557.7 63.7 95.5#

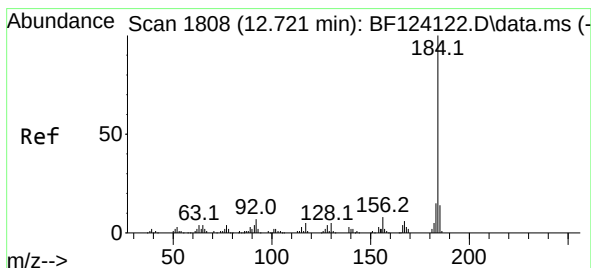
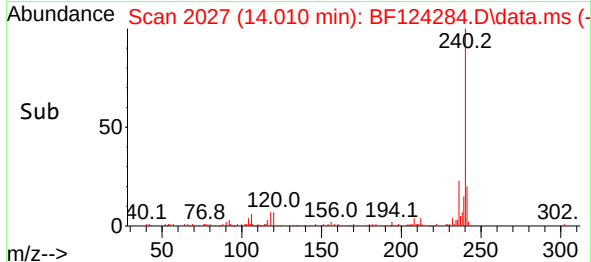
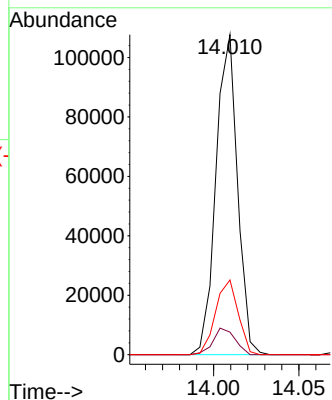
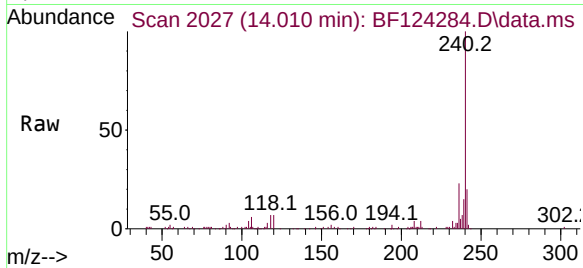




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.010 min Scan# 2027
Delta R.T. -0.012 min
Lab File: BF124284.D
Acq: 12 Jun 2021 14:01

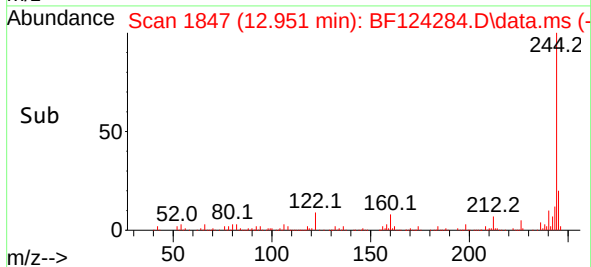
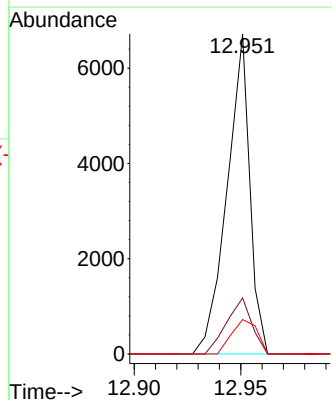
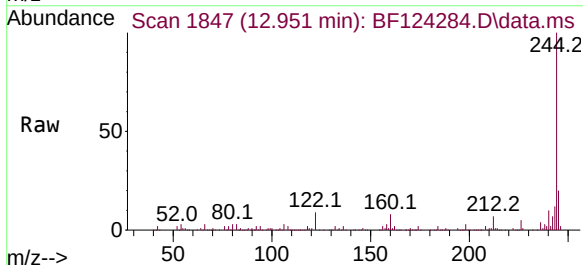
Instrument :
BNA_F
ClientSampleId :
BS-RO-COMP

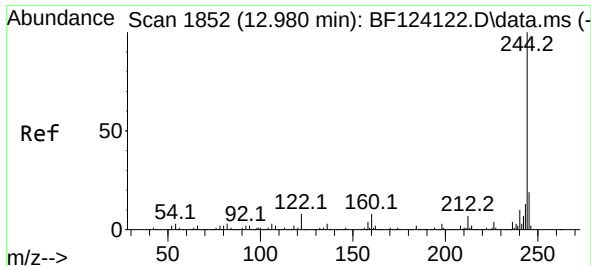
Tgt Ion:240 Resp: 94585
Ion Ratio Lower Upper
240 100
120 7.1 7.2 10.8#
236 23.4 19.0 28.4



#77
Benzidine
Concen: 6.133 ng
RT: 12.951 min Scan# 1847
Delta R.T. 0.241 min
Lab File: BF124284.D
Acq: 12 Jun 2021 14:01

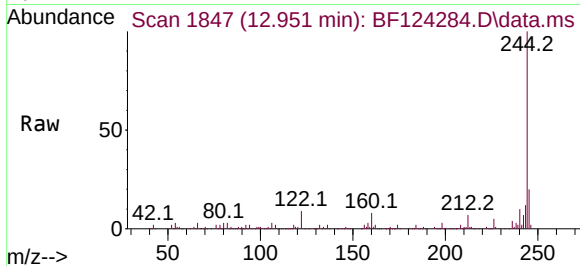
Tgt Ion:184 Resp: 4990
Ion Ratio Lower Upper
184 100
185 17.5 12.1 18.1
183 10.7 7.8 11.8



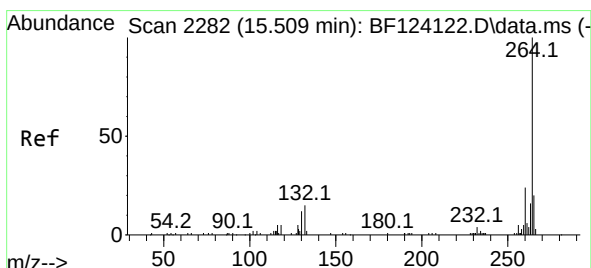
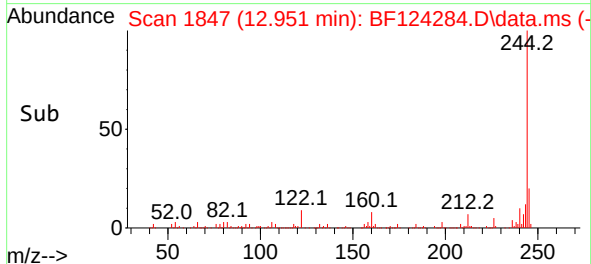
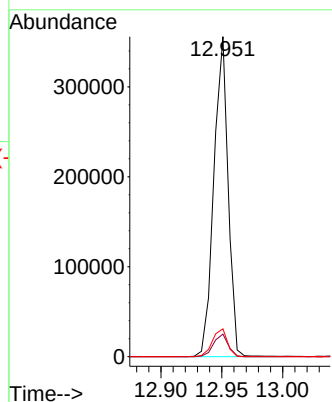


#79
 Terphenyl-d14
 Concen: 42.033 ng
 RT: 12.951 min Scan# 1847
 Delta R.T. -0.012 min
 Lab File: BF124284.D
 Acq: 12 Jun 2021 14:01

Instrument :
 BNA_F
 ClientSampleId :
 BS-RO-COMP

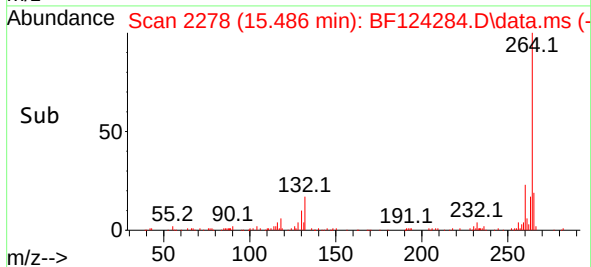
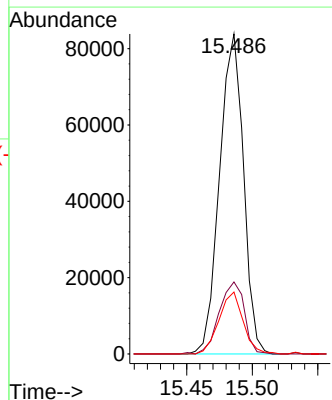
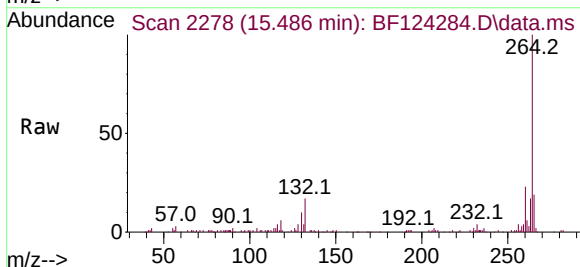


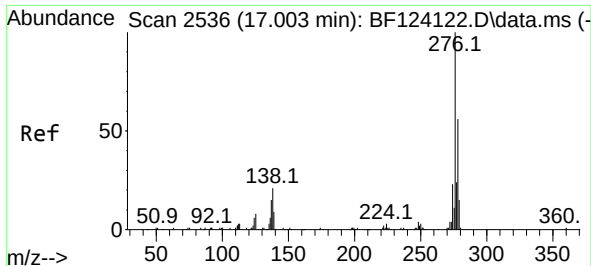
Tgt Ion:244 Resp: 289574
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.7 8.5
 122 8.7 9.7 14.5#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.486 min Scan# 2278
 Delta R.T. -0.006 min
 Lab File: BF124284.D
 Acq: 12 Jun 2021 14:01

Tgt Ion:264 Resp: 106164
 Ion Ratio Lower Upper
 264 100
 260 22.5 18.7 28.1
 265 19.3 17.8 26.8

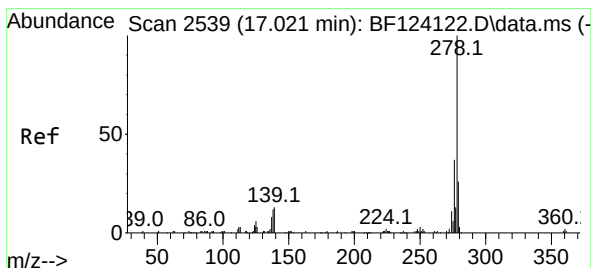
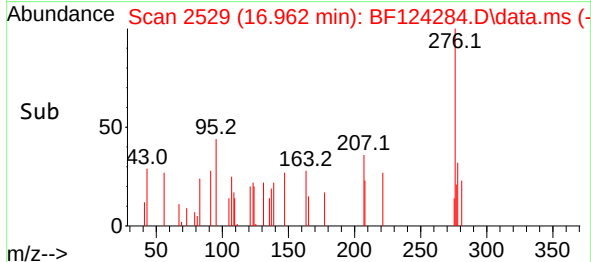
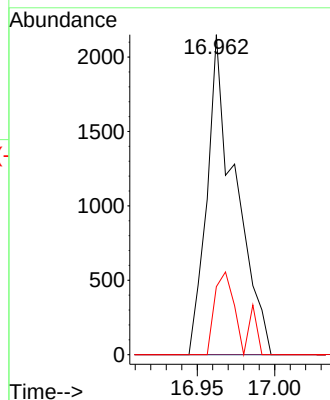
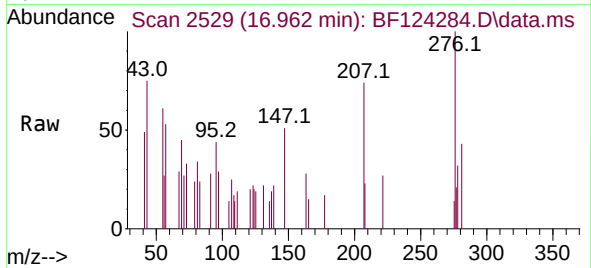




#87
Indeno(1,2,3-cd)pyrene
Concen: 4.618 ng
RT: 16.962 min Scan# 2529
Delta R.T. -0.017 min
Lab File: BF124284.D
Acq: 12 Jun 2021 14:01

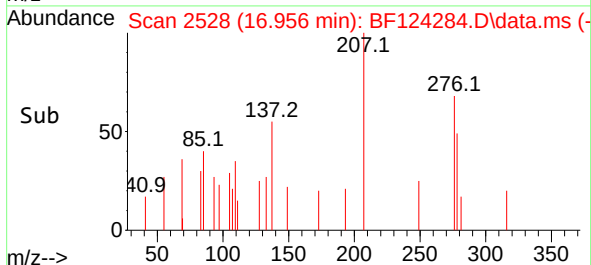
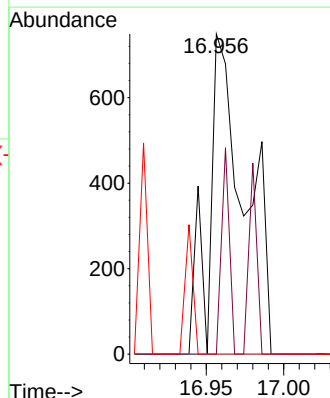
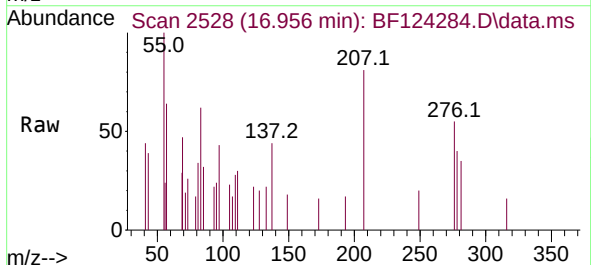
Instrument :
BNA_F
ClientSampleId :
BS-RO-COMP

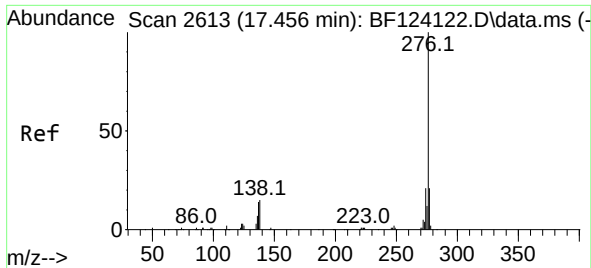
Tgt Ion:276 Resp: 2746
Ion Ratio Lower Upper
276 100
138 0.0 16.2 24.2#
277 21.6 20.1 30.1



#91
Dibenzo(a,h)anthracene
Concen: 4.319 ng
RT: 16.956 min Scan# 2528
Delta R.T. -0.035 min
Lab File: BF124284.D
Acq: 12 Jun 2021 14:01

Tgt Ion:278 Resp: 1193
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: 4.175 ng
RT: 17.409 min Scan# 2605
Delta R.T. -0.023 min
Lab File: BF124284.D
Acq: 12 Jun 2021 14:01

Instrument :
BNA_F
ClientSampleId :
BS-RO-COMP

Tgt Ion:276 Resp: 2975
Ion Ratio Lower Upper
276 100
277 20.9 18.2 27.2
138 0.0 13.8 20.6#

