

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082321\
 Data File : BF125169.D
 Acq On : 23 Aug 2021 22:55
 Operator : JU/CG
 Sample : M3489-13
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 2-EXT-B

Quant Time: Aug 24 04:49:41 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 23 10:15:49 2021
 Response via : Initial Calibration

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

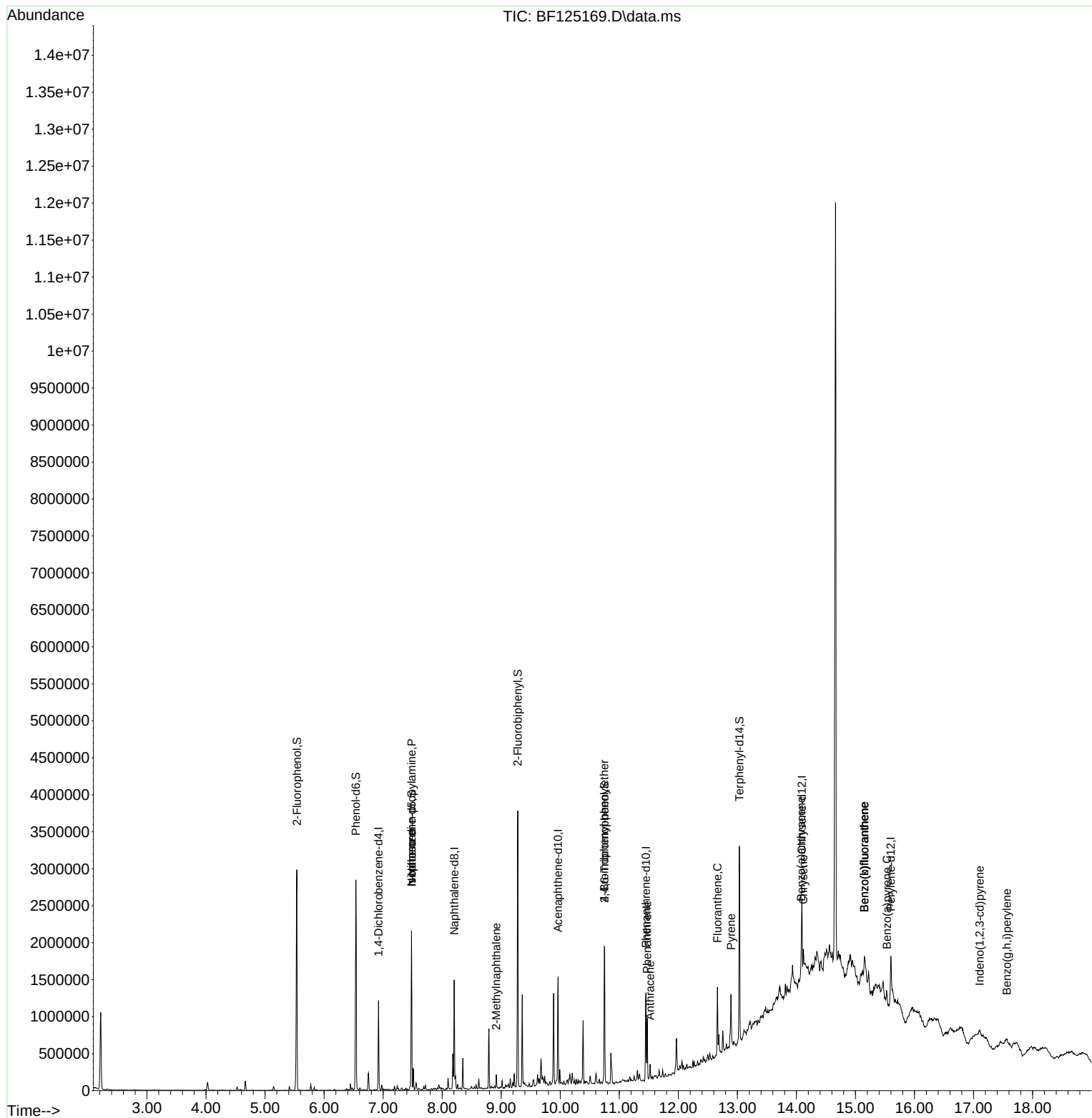
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.922	152	151729	20.000	ng	0.00
21) Naphthalene-d8	8.204	136	566913	20.000	ng	# 0.00
39) Acenaphthene-d10	9.963	164	285636	20.000	ng	0.00
64) Phenanthrene-d10	11.451	188	438458	20.000	ng	0.00
76) Chrysene-d12	14.092	240	308450	20.000	ng	# 0.00
86) Perylene-d12	15.598	264	287554	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.539	112	715248	71.351	ng	0.00
7) Phenol-d6	6.539	99	895321	69.058	ng	0.00
23) Nitrobenzene-d5	7.480	82	595599	52.891	ng	0.00
42) 2,4,6-Tribromophenol	10.751	330	217449	76.264	ng	0.00
45) 2-Fluorobiphenyl	9.280	172	1064921	51.962	ng	0.00
79) Terphenyl-d14	13.033	244	920907	47.563	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.480	70	82783	10.616	ng	# 60
25) Isophorone	7.480	82	595586	27.417	ng	# 59
37) 2-Methylnaphthalene	8.916	142	42128	2.196	ng	99
67) 4-Bromophenyl-phenylether	10.745	248	14235	2.704	ng	# 1
71) Phenanthrene	11.474	178	305680	12.653	ng	99
72) Anthracene	11.521	178	68781	2.888	ng	99
75) Fluoranthene	12.662	202	333453	13.910	ng	97
78) Pyrene	12.892	202	273584	10.340	ng	95
81) Benzo(a)anthracene	14.080	228	151093	6.799	ng	98
83) Chrysene	14.115	228	132798	6.042	ng	98
87) Indeno(1,2,3-cd)pyrene	17.103	276	49451	2.387	ng	# 90
88) Benzo(b)fluoranthene	15.151	252	206437	9.827	ng	# 80
89) Benzo(k)fluoranthene	15.151	252	206437	10.531	ng	# 81
90) Benzo(a)pyrene	15.533	252	98400	5.303	ng	# 87
92) Benzo(g,h,i)perylene	17.562	276	47926	2.776	ng	99

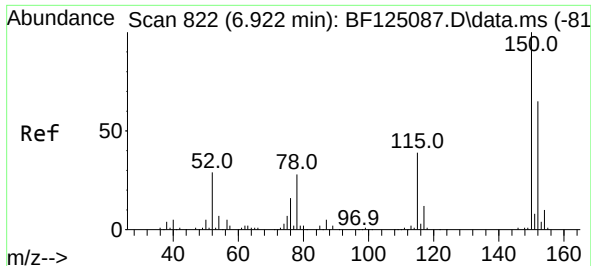
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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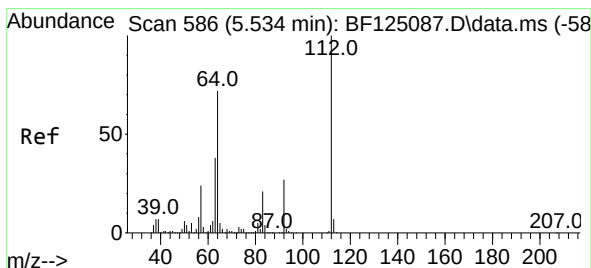
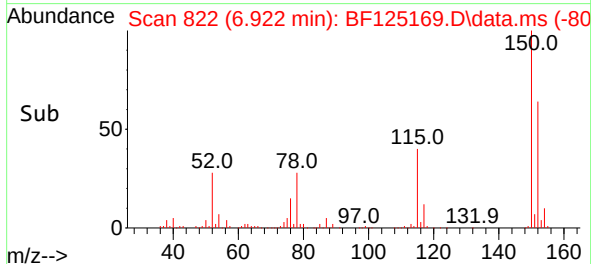
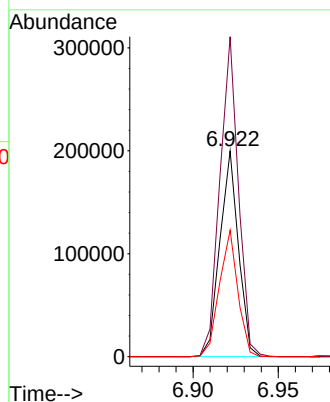
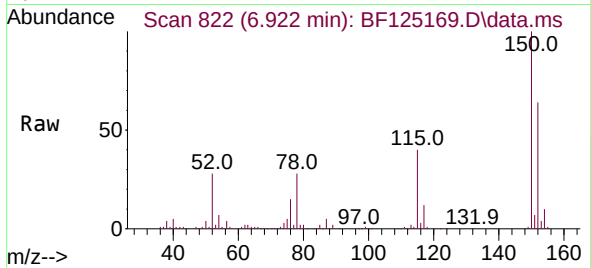




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.922 min Scan# 822
Delta R.T. -0.006 min
Lab File: BF125169.D
Acq: 23 Aug 2021 22:55

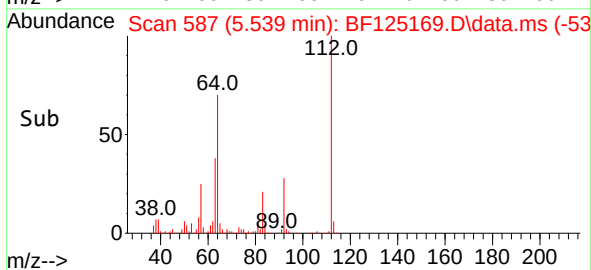
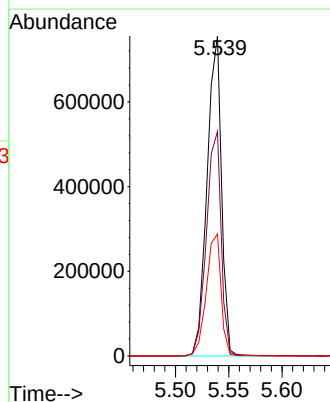
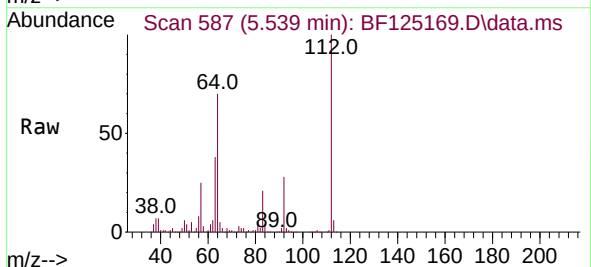
Instrument :
BNA_F
ClientSampleId :
2-EXT-B

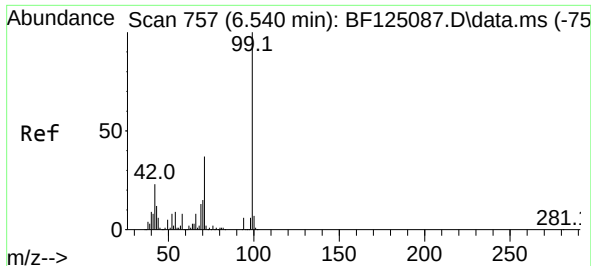
Tgt Ion:152 Resp: 151729
Ion Ratio Lower Upper
152 100
150 155.5 117.6 176.4
115 61.5 47.1 70.7



#5
2-Fluorophenol
Concen: 71.351 ng
RT: 5.539 min Scan# 587
Delta R.T. -0.000 min
Lab File: BF125169.D
Acq: 23 Aug 2021 22:55

Tgt Ion:112 Resp: 715248
Ion Ratio Lower Upper
112 100
64 70.1 44.2 66.2#
63 38.1 26.2 39.2

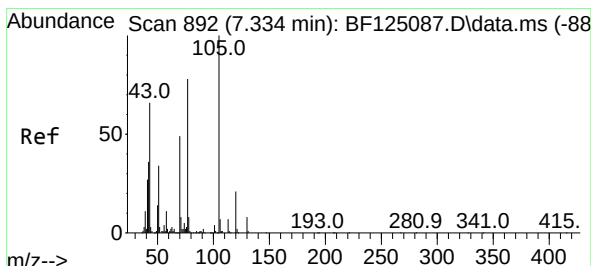
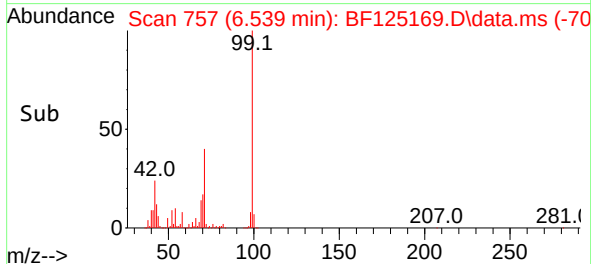
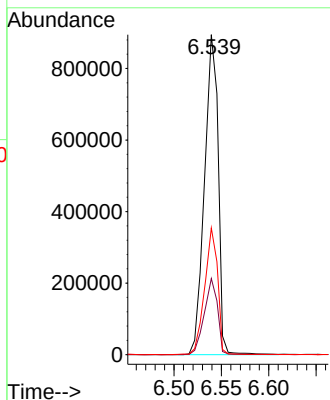
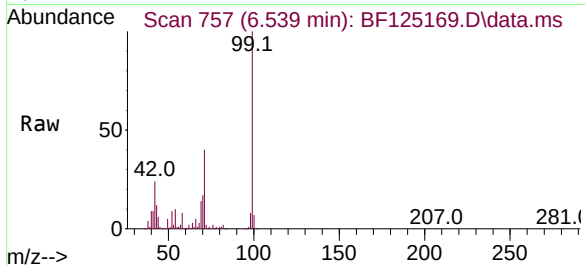




#7
Phenol-d6
Concen: 69.058 ng
RT: 6.539 min Scan# 757
Delta R.T. -0.006 min
Lab File: BF125169.D
Acq: 23 Aug 2021 22:55

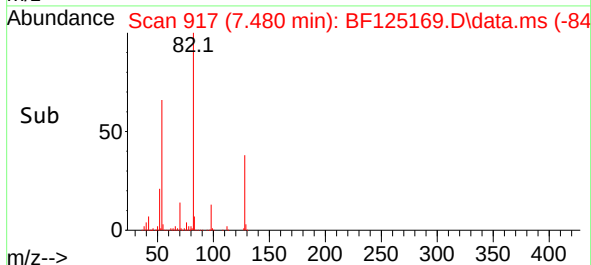
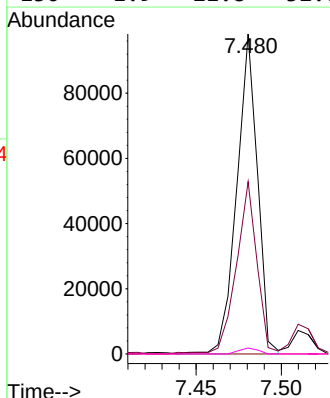
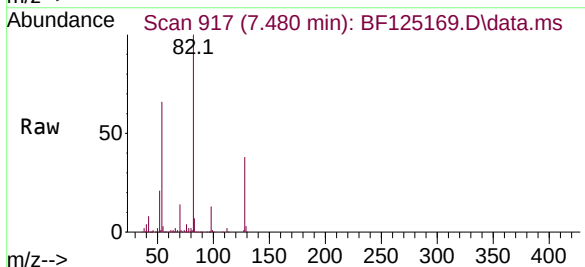
Instrument :
BNA_F
ClientSampleId :
2-EXT-B

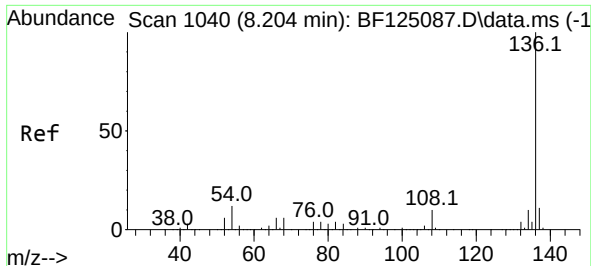
Tgt Ion: 99 Resp: 895321
Ion Ratio Lower Upper
99 100
42 23.8 23.5 35.3
71 39.6 25.6 38.4#



#19
n-Nitroso-di-n-propylamine
Concen: 10.616 ng
RT: 7.480 min Scan# 917
Delta R.T. 0.141 min
Lab File: BF125169.D
Acq: 23 Aug 2021 22:55

Tgt Ion: 70 Resp: 82783
Ion Ratio Lower Upper
70 100
42 53.9 72.2 108.2#
101 0.0 7.8 11.8#
130 1.9 21.8 32.6#

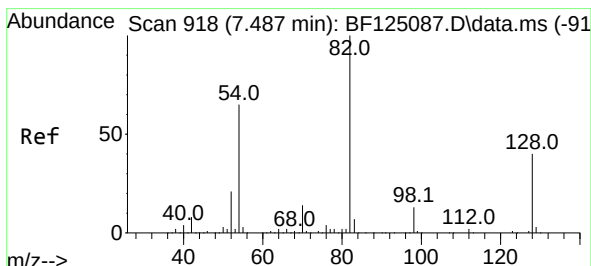
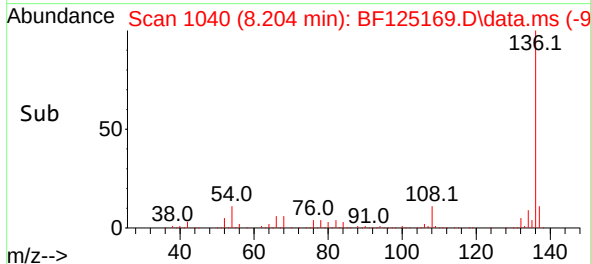
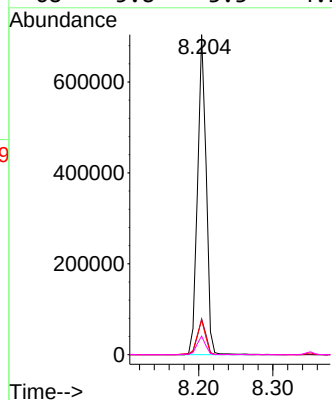
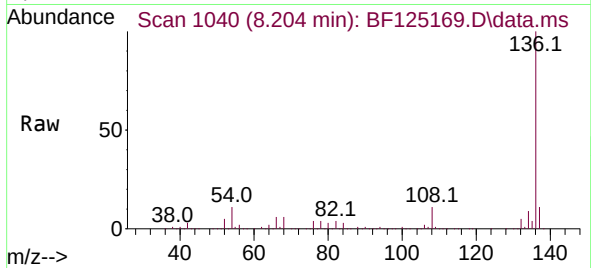




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.204 min Scan# 1040
Delta R.T. -0.006 min
Lab File: BF125169.D
Acq: 23 Aug 2021 22:55

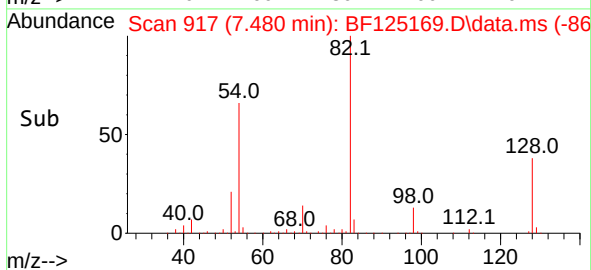
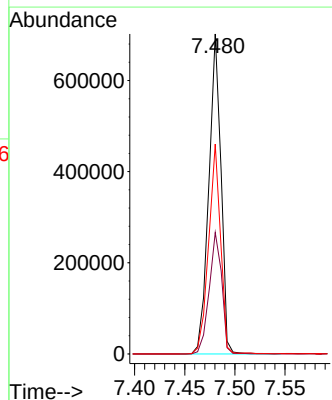
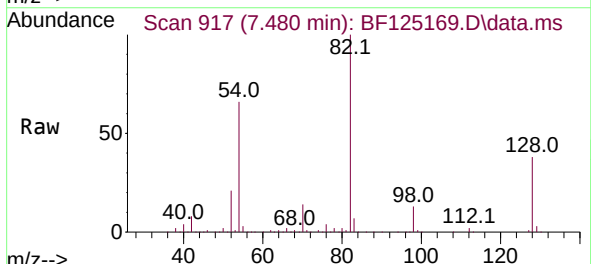
Instrument :
BNA_F
ClientSampled :
2-EXT-B

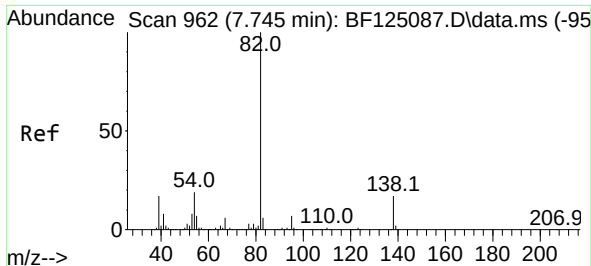
Tgt Ion:136	Resp: 566913
Ion Ratio	Lower Upper
136	100
137	11.2 9.8 14.6
54	10.8 6.4 9.6#
68	5.8 3.3 4.9#



#23
Nitrobenzene-d5
Concen: 52.891 ng
RT: 7.480 min Scan# 917
Delta R.T. -0.006 min
Lab File: BF125169.D
Acq: 23 Aug 2021 22:55

Tgt Ion: 82	Resp: 595599
Ion Ratio	Lower Upper
82	100
128	37.9 40.6 60.8#
54	65.6 49.6 74.4

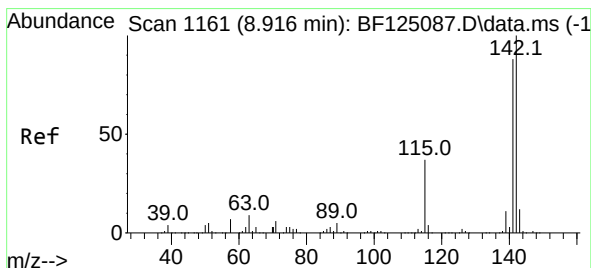
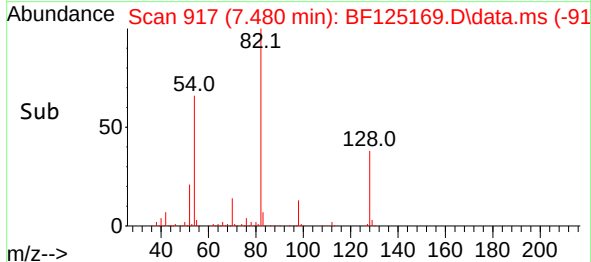
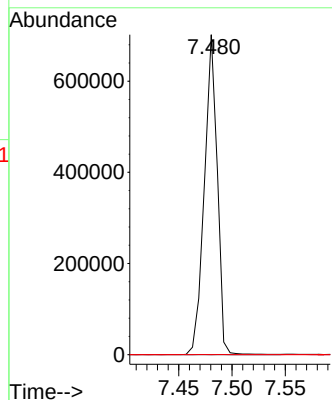
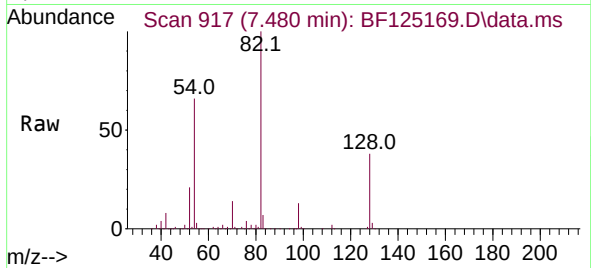




#25
Isophorone
Concen: 27.417 ng
RT: 7.480 min Scan# 917
Delta R.T. -0.265 min
Lab File: BF125169.D
Acq: 23 Aug 2021 22:55

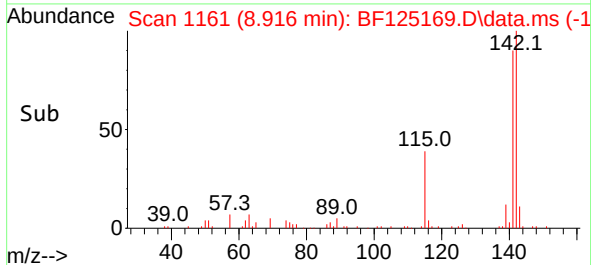
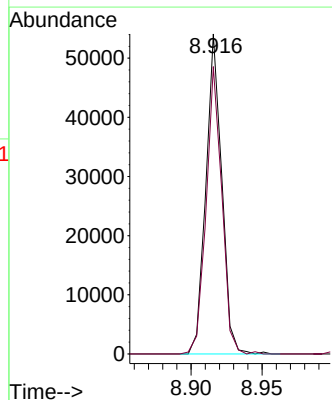
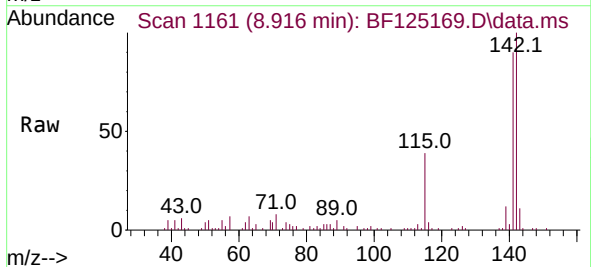
Instrument :
BNA_F
ClientSampleId :
2-EXT-B

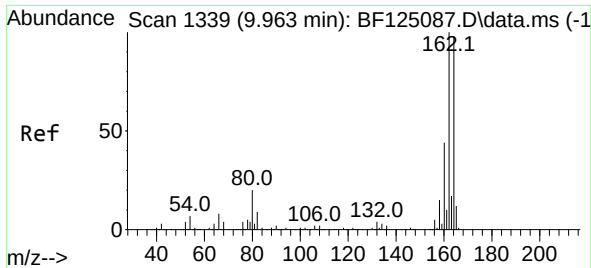
Tgt Ion: 82 Resp: 595586
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#37
2-Methylnaphthalene
Concen: 2.196 ng
RT: 8.916 min Scan# 1161
Delta R.T. -0.006 min
Lab File: BF125169.D
Acq: 23 Aug 2021 22:55

Tgt Ion: 142 Resp: 42128
Ion Ratio Lower Upper
142 100
141 89.8 71.2 106.8

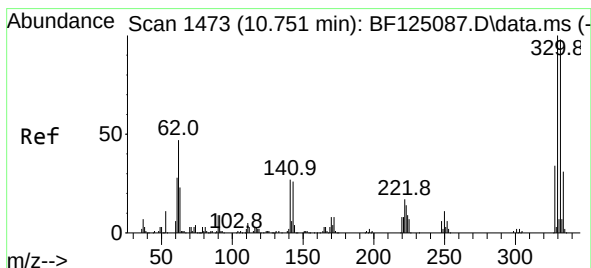
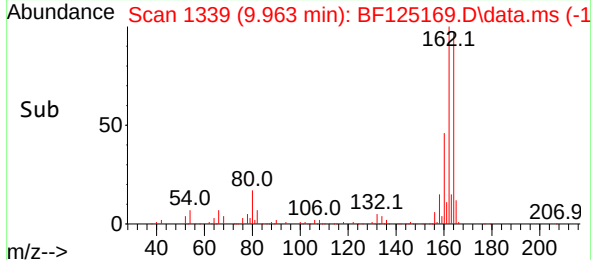
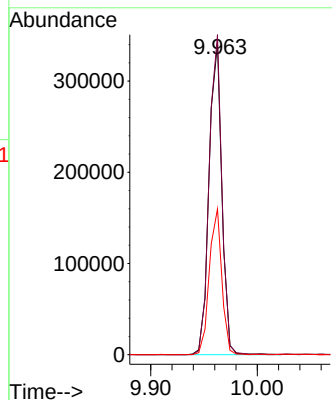
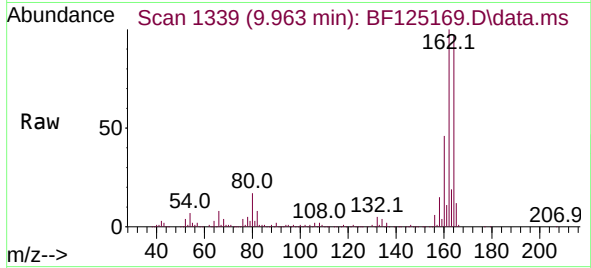




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.963 min Scan# 1339
Delta R.T. -0.000 min
Lab File: BF125169.D
Acq: 23 Aug 2021 22:55

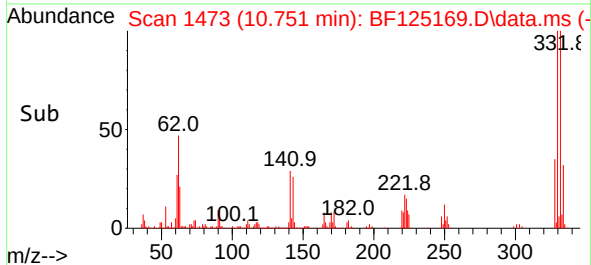
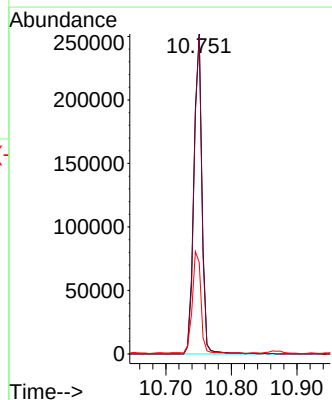
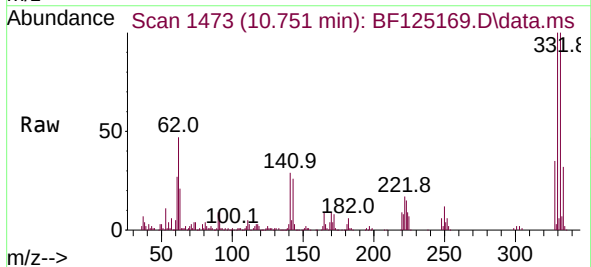
Instrument :
BNA_F
ClientSampled :
2-EXT-B

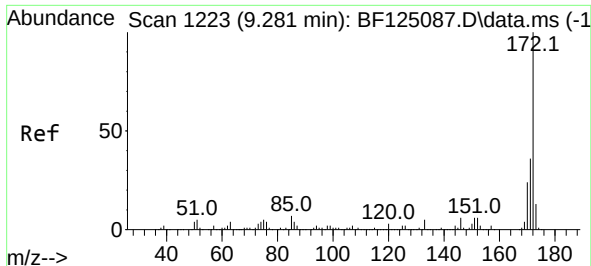
Tgt Ion:164 Resp: 285636
Ion Ratio Lower Upper
164 100
162 102.9 81.3 121.9
160 46.9 38.0 57.0



#42
2,4,6-Tribromophenol
Concen: 76.264 ng
RT: 10.751 min Scan# 1473
Delta R.T. -0.006 min
Lab File: BF125169.D
Acq: 23 Aug 2021 22:55

Tgt Ion:330 Resp: 217449
Ion Ratio Lower Upper
330 100
332 96.4 76.2 114.4
141 33.5 44.6 66.8#

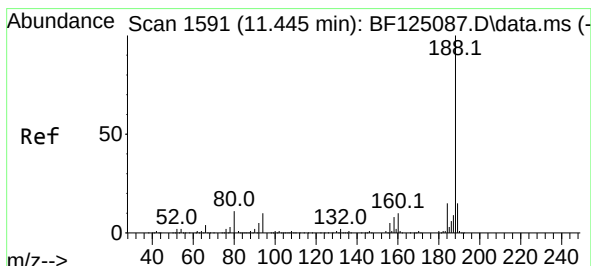
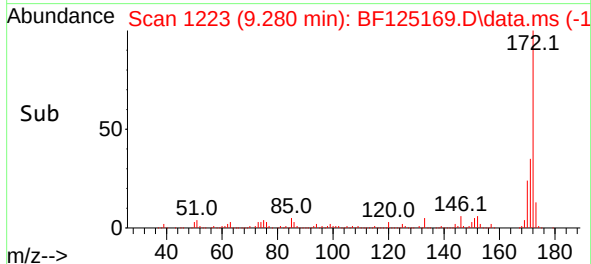
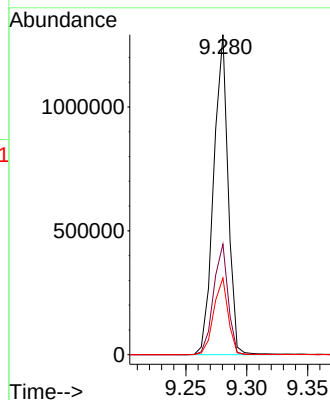
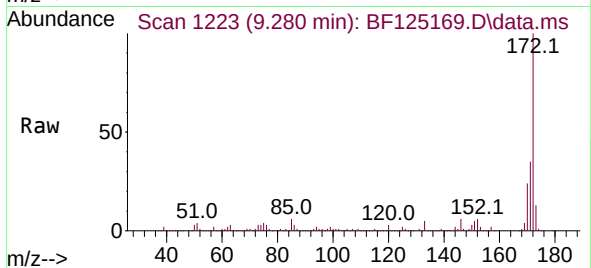




#45
2-Fluorobiphenyl
Concen: 51.962 ng
RT: 9.280 min Scan# 1223
Delta R.T. -0.006 min
Lab File: BF125169.D
Acq: 23 Aug 2021 22:55

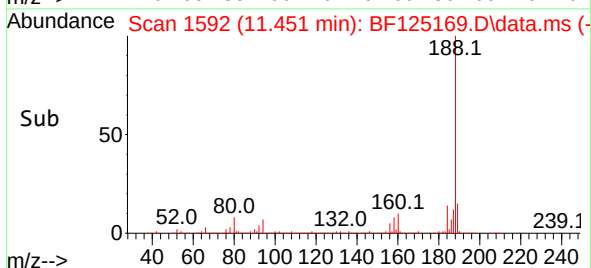
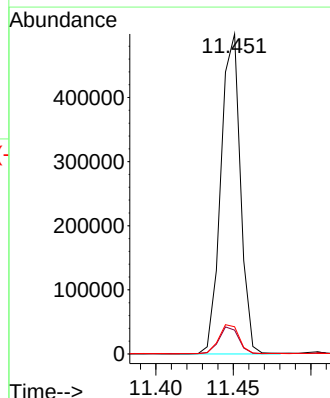
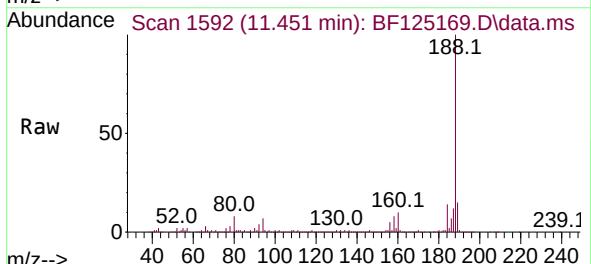
Instrument :
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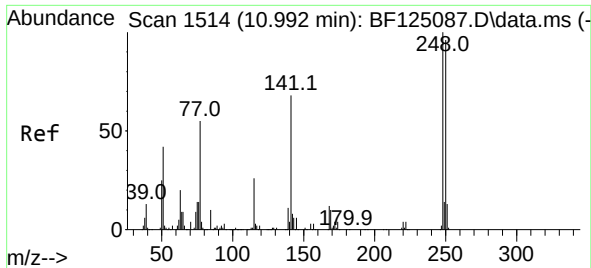
Tgt Ion:172 Resp: 1064921
Ion Ratio Lower Upper
172 100
171 34.5 26.5 39.7
170 23.9 18.8 28.2



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.451 min Scan# 1592
Delta R.T. -0.000 min
Lab File: BF125169.D
Acq: 23 Aug 2021 22:55

Tgt Ion:188 Resp: 438458
Ion Ratio Lower Upper
188 100
94 7.4 6.7 10.1
80 8.5 7.5 11.3

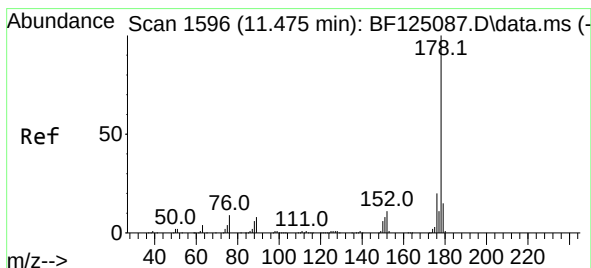
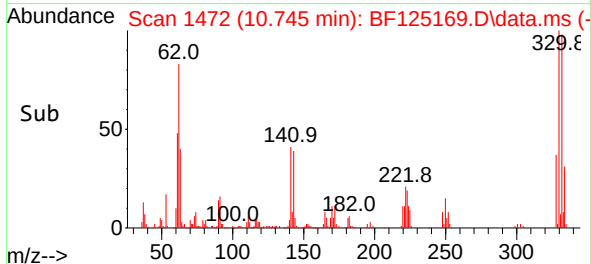
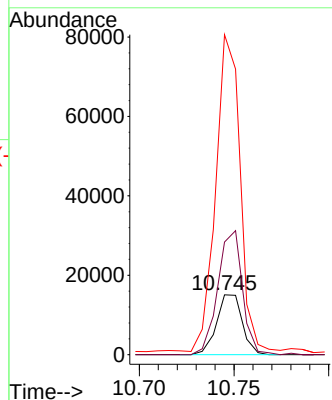
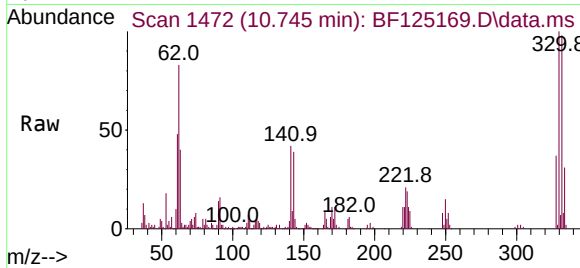




#67
4-Bromophenyl-phenylether
Concen: 2.704 ng
RT: 10.745 min Scan# 1472
Delta R.T. -0.247 min
Lab File: BF125169.D
Acq: 23 Aug 2021 22:55

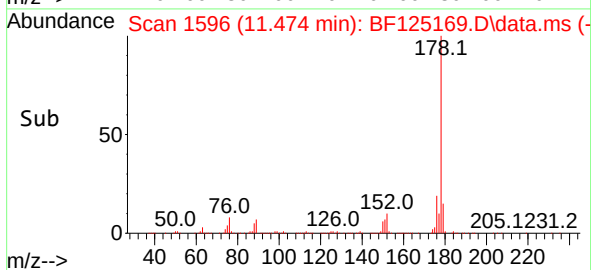
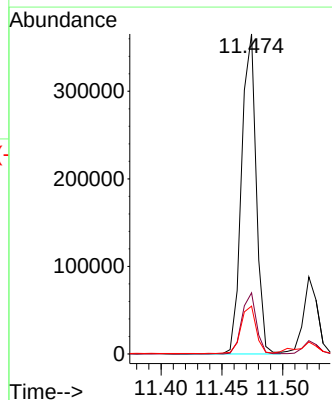
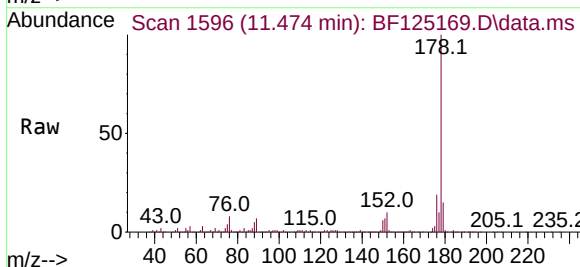
Instrument :
BNA_F
ClientSampleId :
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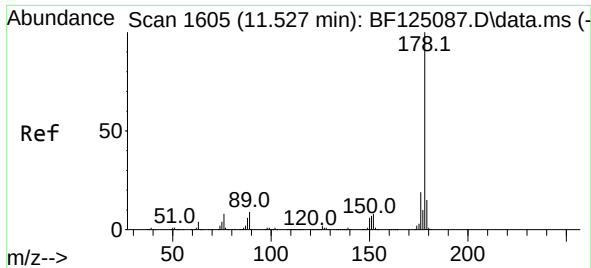
Tgt Ion:248 Resp: 14235
Ion Ratio Lower Upper
248 100
250 188.4 74.2 111.4#
141 535.4 60.4 90.6#



#71
Phenanthrene
Concen: 12.653 ng
RT: 11.474 min Scan# 1596
Delta R.T. -0.006 min
Lab File: BF125169.D
Acq: 23 Aug 2021 22:55

Tgt Ion:178 Resp: 305680
Ion Ratio Lower Upper
178 100
176 19.1 14.7 22.1
179 15.0 11.5 17.3

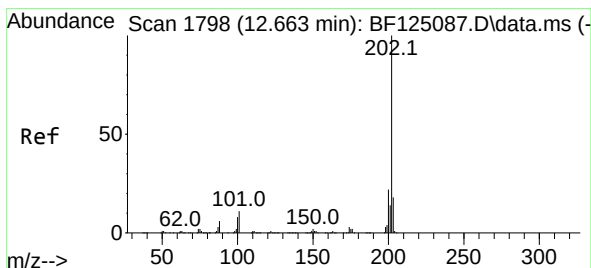
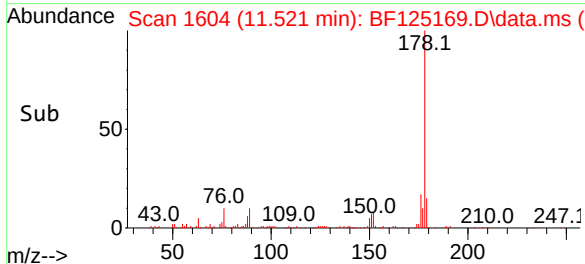
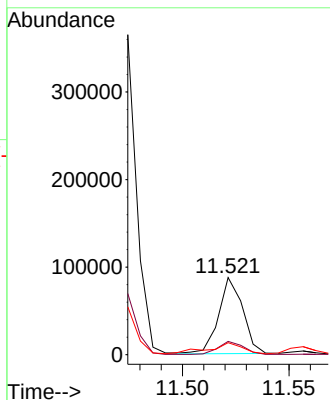
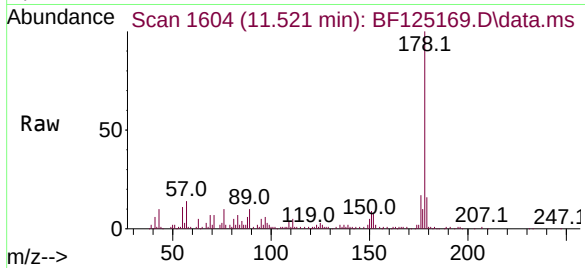




#72
 Anthracene
 Concen: 2.888 ng
 RT: 11.521 min Scan# 1604
 Delta R.T. -0.006 min
 Lab File: BF125169.D
 Acq: 23 Aug 2021 22:55

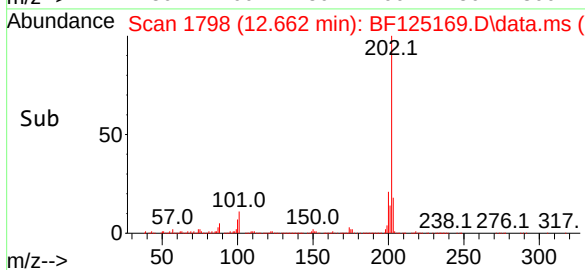
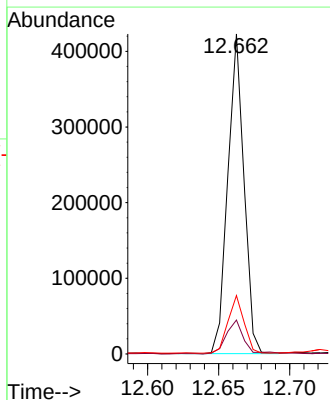
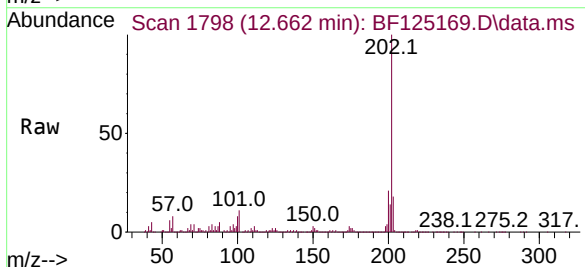
Instrument :
 BNA_F
 ClientSampleId :
 2-EXT-B

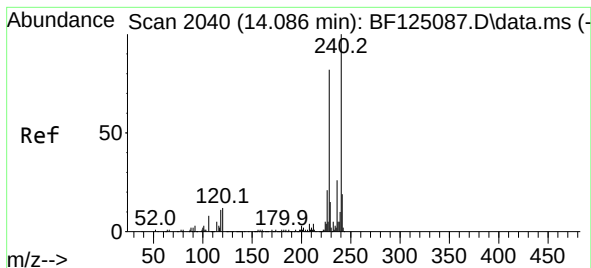
Tgt Ion:	178	Resp:	68781
Ion Ratio	Lower	Upper	
178	100		
176	17.2	14.3	21.5
179	15.6	12.2	18.4



#75
 Fluoranthene
 Concen: 13.910 ng
 RT: 12.662 min Scan# 1798
 Delta R.T. -0.006 min
 Lab File: BF125169.D
 Acq: 23 Aug 2021 22:55

Tgt Ion:	202	Resp:	333453
Ion Ratio	Lower	Upper	
202	100		
101	10.6	0.0	30.7
203	18.2	0.0	36.3

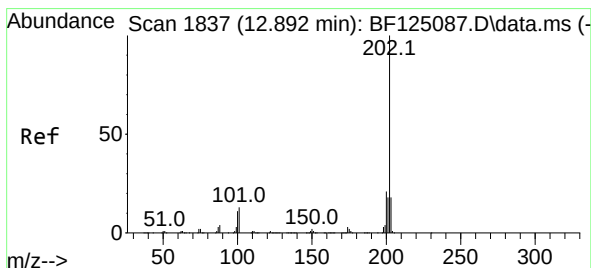
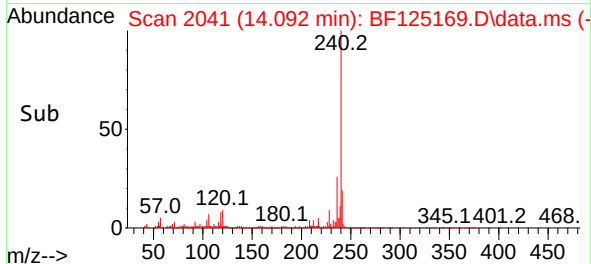
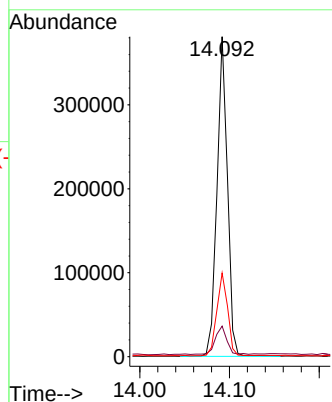
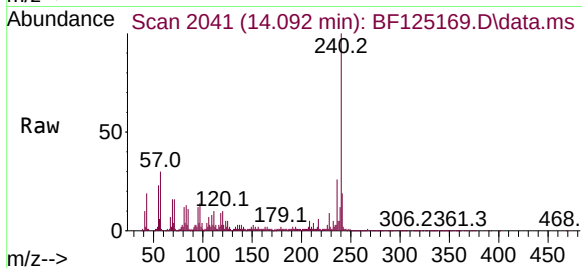




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.092 min Scan# 2041
Delta R.T. -0.006 min
Lab File: BF125169.D
Acq: 23 Aug 2021 22:55

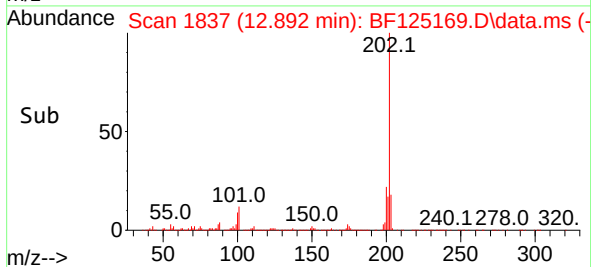
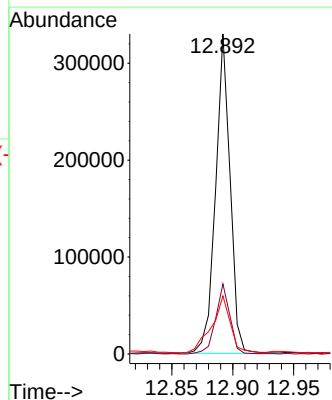
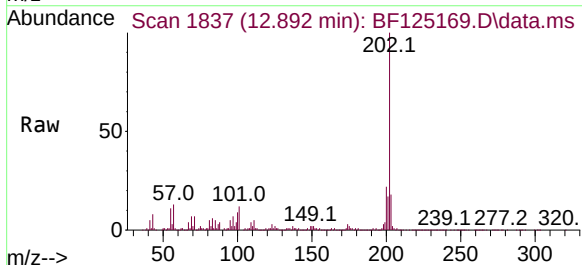
Instrument :
BNA_F
ClientSampleId :
2-EXT-B

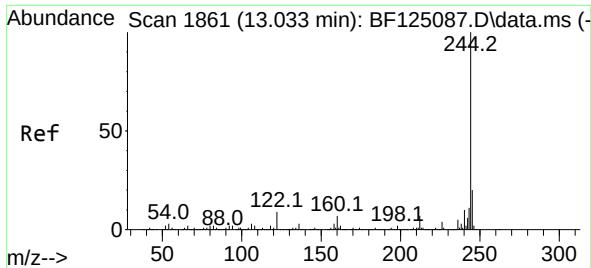
Tgt Ion:240 Resp: 308450
Ion Ratio Lower Upper
240 100
120 9.6 10.8 16.2#
236 26.1 21.6 32.4



#78
Pyrene
Concen: 10.340 ng
RT: 12.892 min Scan# 1837
Delta R.T. -0.006 min
Lab File: BF125169.D
Acq: 23 Aug 2021 22:55

Tgt Ion:202 Resp: 273584
Ion Ratio Lower Upper
202 100
200 21.9 15.3 22.9
203 18.2 13.4 20.0

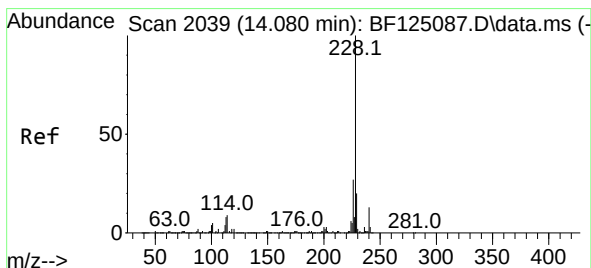
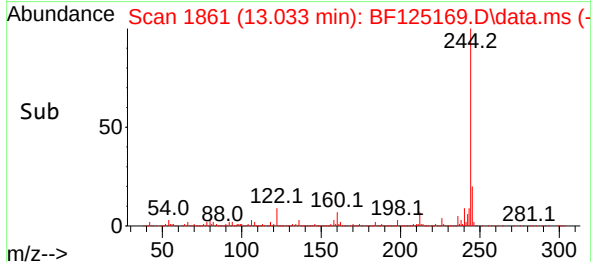
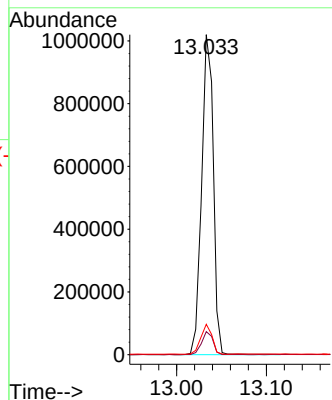
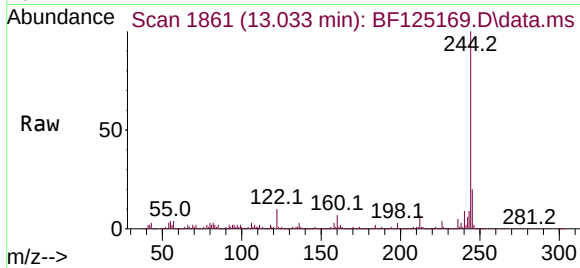




#79
 Terphenyl-d14
 Concen: 47.563 ng
 RT: 13.033 min Scan# 1861
 Delta R.T. -0.006 min
 Lab File: BF125169.D
 Acq: 23 Aug 2021 22:55

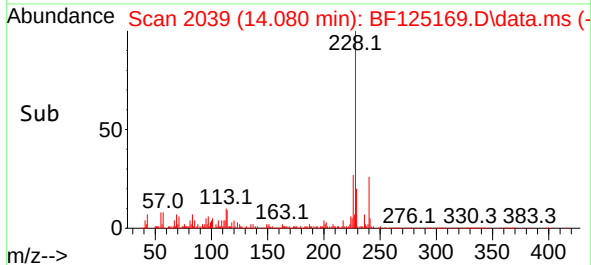
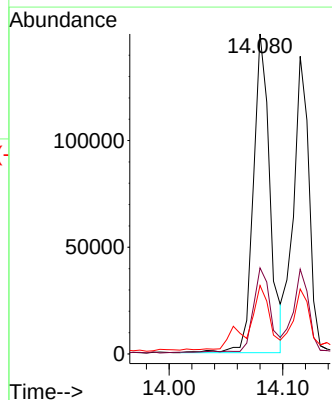
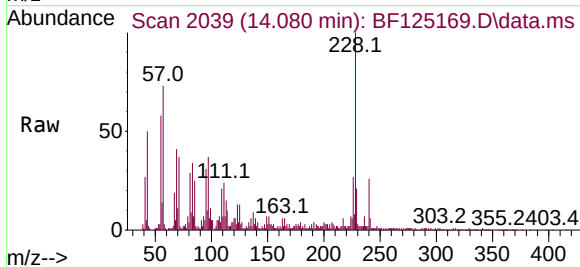
Instrument :
 BNA_F
 ClientSampleId :
 2-EXT-B

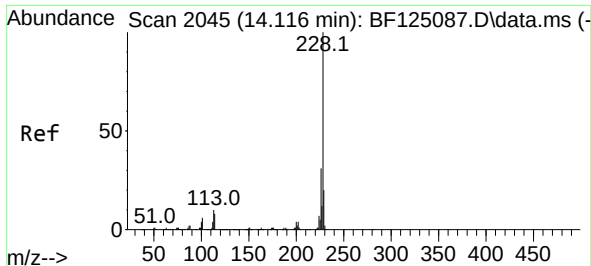
Tgt Ion:244	Resp:	920907
Ion Ratio	Lower	Upper
244	100	
212	7.2	5.9 8.9
122	9.5	9.0 13.4



#81
 Benzo(a)anthracene
 Concen: 6.799 ng
 RT: 14.080 min Scan# 2039
 Delta R.T. -0.006 min
 Lab File: BF125169.D
 Acq: 23 Aug 2021 22:55

Tgt Ion:228	Resp:	151093
Ion Ratio	Lower	Upper
228	100	
226	26.9	21.6 32.4
229	21.4	15.6 23.4

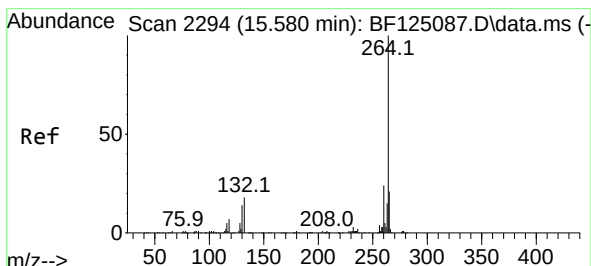
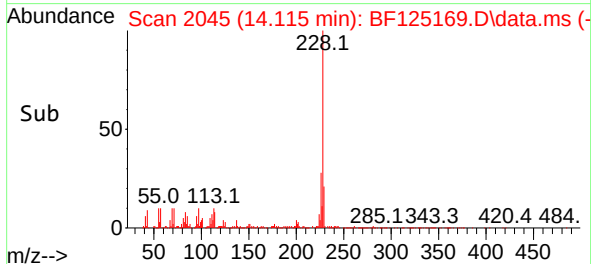
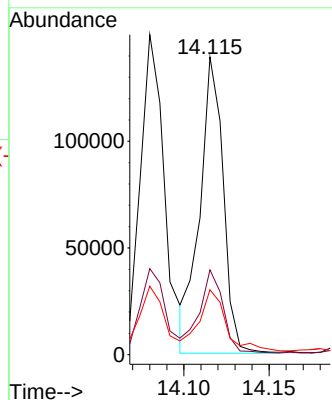
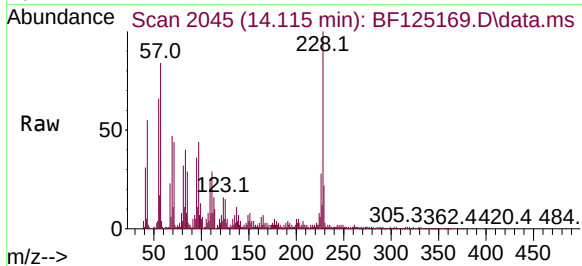




#83
Chrysene
Concen: 6.042 ng
RT: 14.115 min Scan# 2045
Delta R.T. -0.006 min
Lab File: BF125169.D
Acq: 23 Aug 2021 22:55

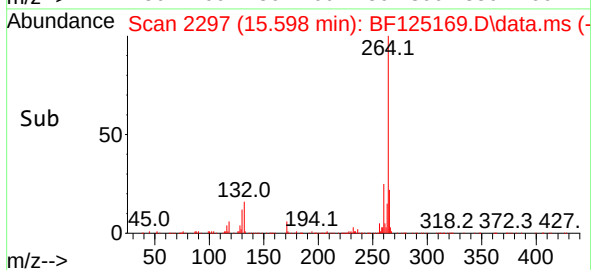
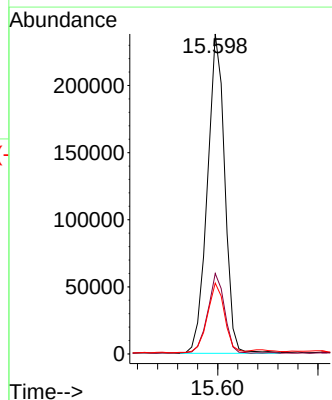
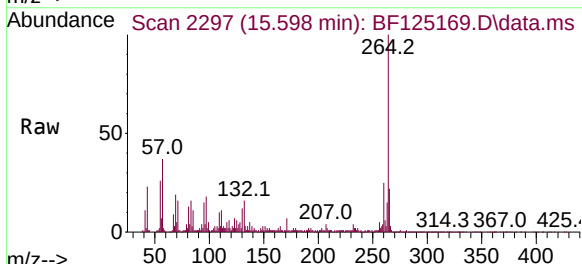
Instrument :
BNA_F
ClientSampled :
2-EXT-B

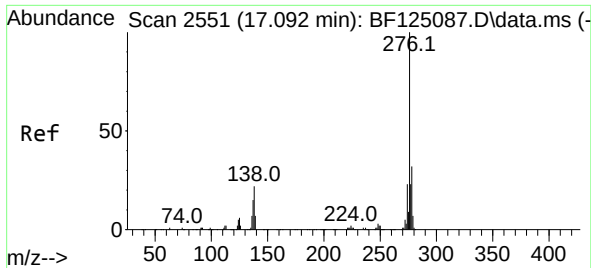
Tgt Ion:228	Resp: 132798
Ion Ratio	Lower Upper
228 100	
226 28.5	22.6 34.0
229 21.8	15.9 23.9



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.598 min Scan# 2297
Delta R.T. -0.000 min
Lab File: BF125169.D
Acq: 23 Aug 2021 22:55

Tgt Ion:264	Resp: 287554		
Ion Ratio	Lower	Upper	
264	100		
260	25.1	19.6	29.4
265	22.1	17.2	25.8

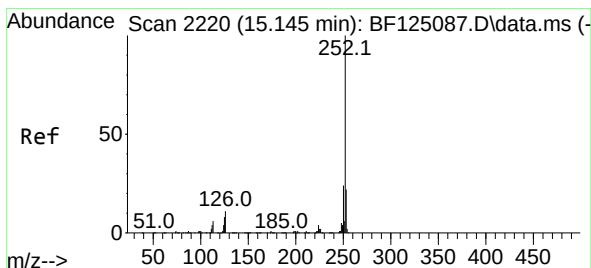
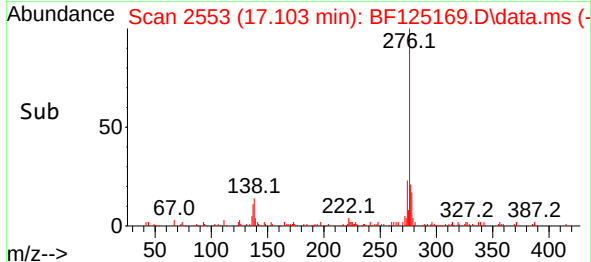
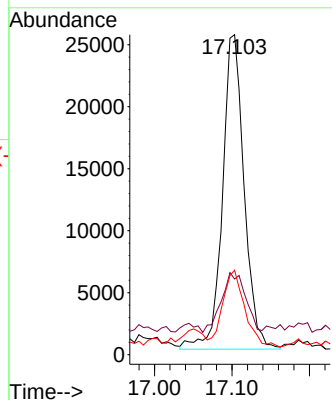
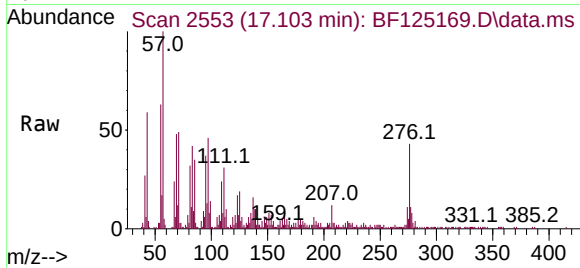




#87
Indeno(1,2,3-cd)pyrene
Concen: 2.387 ng
RT: 17.103 min Scan# 2553
Delta R.T. -0.018 min
Lab File: BF125169.D
Acq: 23 Aug 2021 22:55

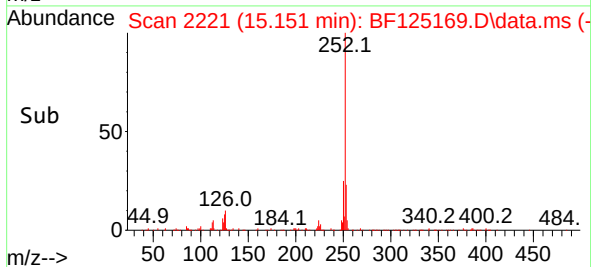
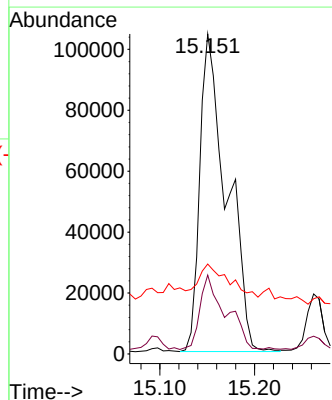
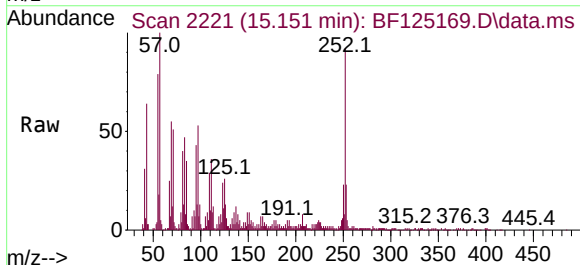
Instrument :
BNA_F
ClientSampleId :
2-EXT-B

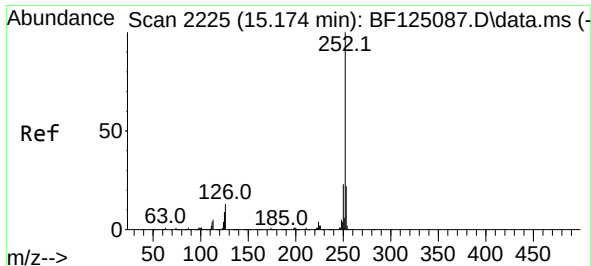
Tgt Ion:	276	Resp:	49451
Ion Ratio	Lower	Upper	
276	100		
138	22.1	24.1	36.1#
277	25.1	18.8	28.2



#88
Benzo(b)fluoranthene
Concen: 9.827 ng
RT: 15.151 min Scan# 2221
Delta R.T. -0.006 min
Lab File: BF125169.D
Acq: 23 Aug 2021 22:55

Tgt Ion:	252	Resp:	206437
Ion Ratio	Lower	Upper	
252	100		
253	24.7	16.8	25.2
125	28.1	9.8	14.8#

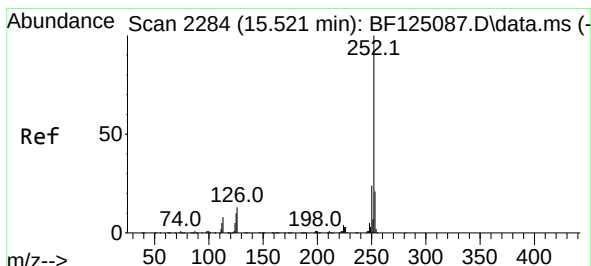
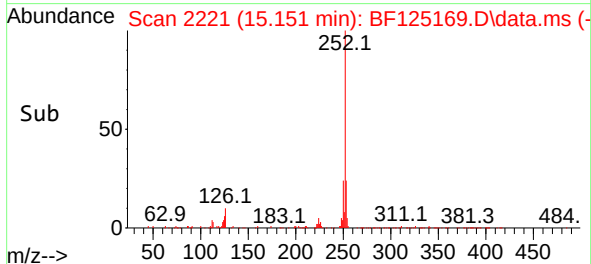
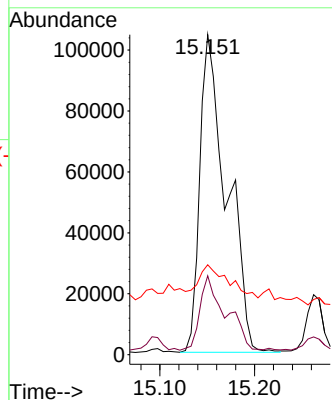
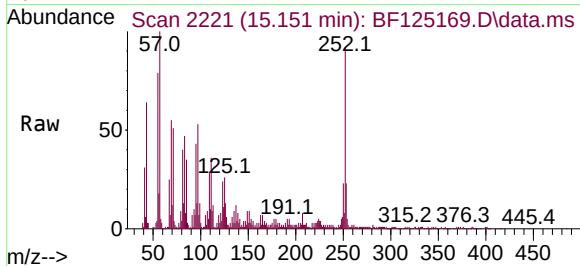




#89
Benzo(k)fluoranthene
Concen: 10.531 ng
RT: 15.151 min Scan# 2221
Delta R.T. -0.035 min
Lab File: BF125169.D
Acq: 23 Aug 2021 22:55

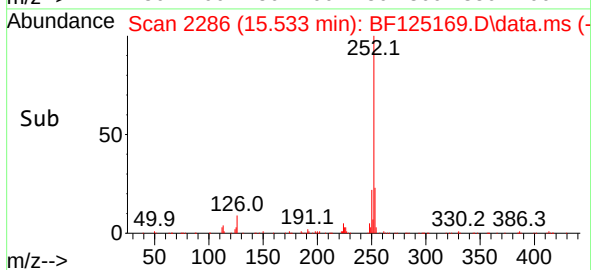
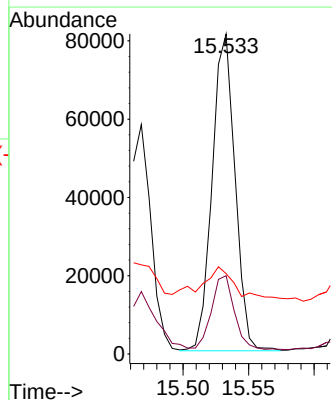
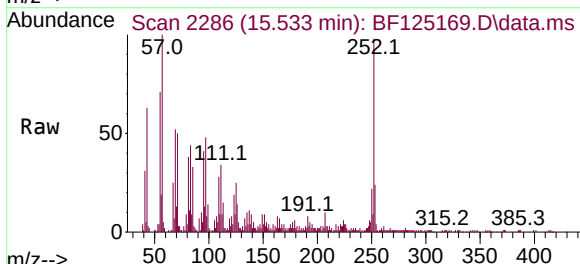
Instrument :
BNA_F
ClientSampleId :
2-EXT-B

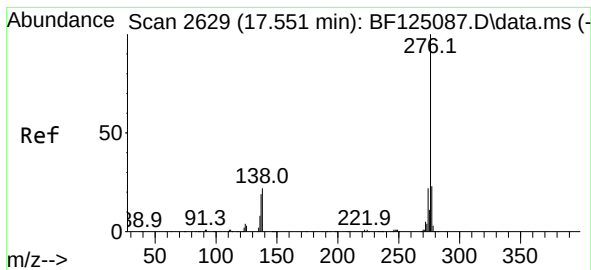
Tgt Ion:252 Resp: 206437
Ion Ratio Lower Upper
252 100
253 24.7 17.8 26.8
125 28.1 7.2 10.8#



#90
Benzo(a)pyrene
Concen: 5.303 ng
RT: 15.533 min Scan# 2286
Delta R.T. -0.000 min
Lab File: BF125169.D
Acq: 23 Aug 2021 22:55

Tgt Ion:252 Resp: 98400
Ion Ratio Lower Upper
252 100
253 24.4 18.4 27.6
125 25.1 9.9 14.9#





#92
 Benzo(g,h,i)perylene
 Concen: 2.776 ng
 RT: 17.562 min Scan# 2631
 Delta R.T. -0.024 min
 Lab File: BF125169.D
 Acq: 23 Aug 2021 22:55

Instrument :
 BNA_F
 ClientSampleId :
 2-EXT-B

Tgt Ion:	276	Resp:	47926
Ion Ratio	Lower	Upper	
276	100		
277	27.5	22.0	33.0
138	27.2	22.2	33.4

