

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

Manual Integrations
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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
37) 2-Methylnaphthalene	8.916	142	42128	2.196	ng	99
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	151977m	7.234	ng	
89) Benzo(k)fluoranthene	15.180	252	54363m	2.773	ng	
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

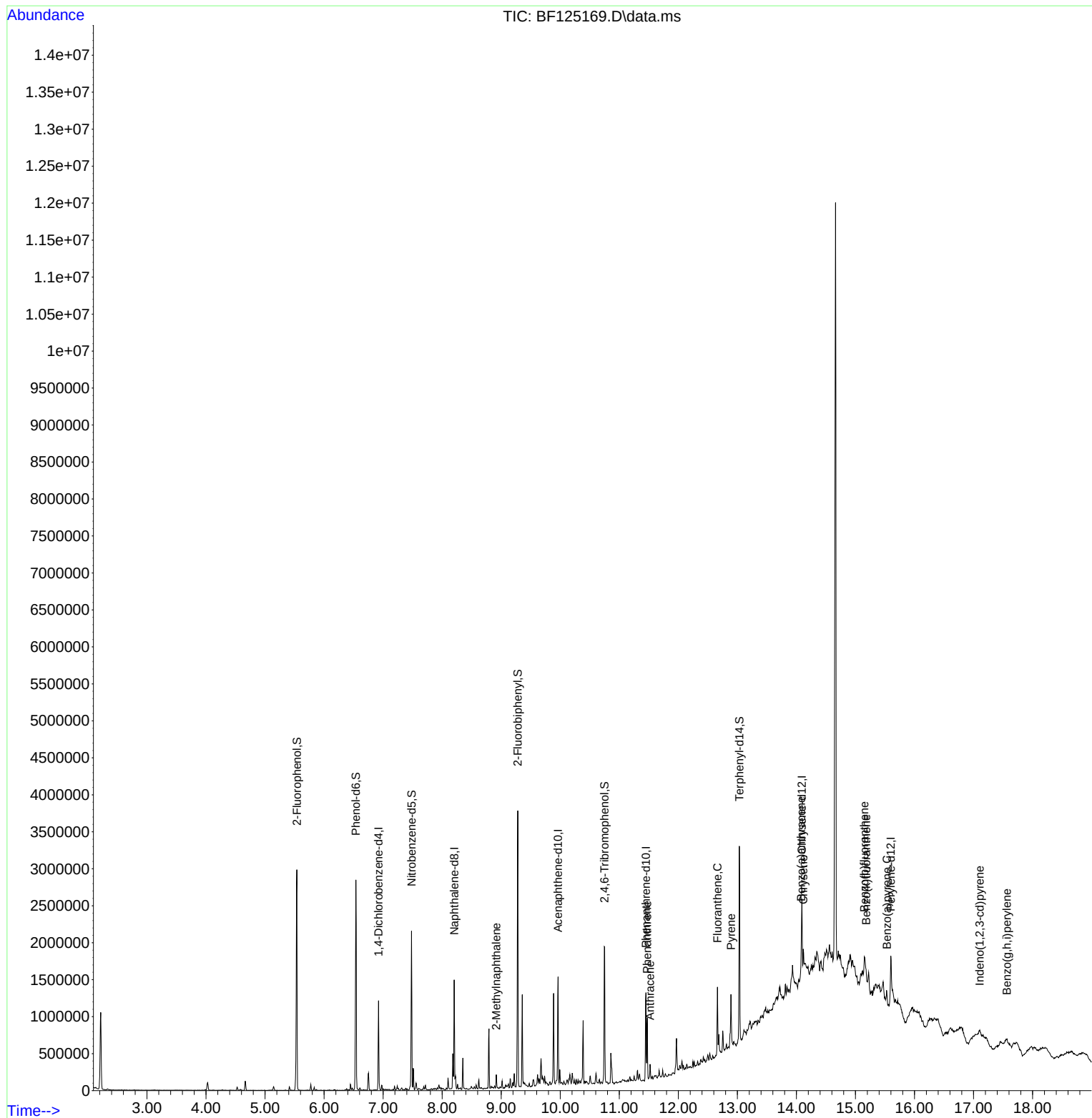
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082321\
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ALS Vial : 13 Sample Multiplier: 1

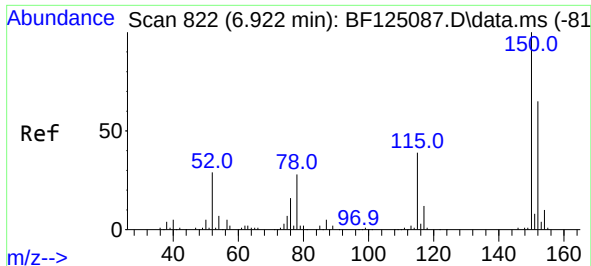
Instrument :
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ClientSampleId :
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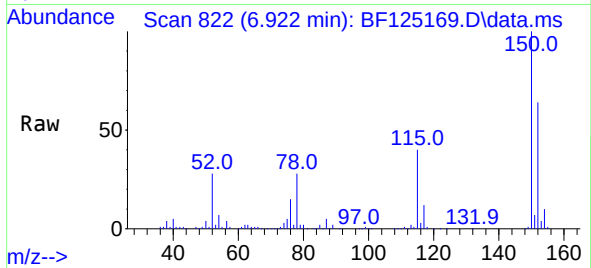
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Quant Time: Aug 24 04:49:41 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
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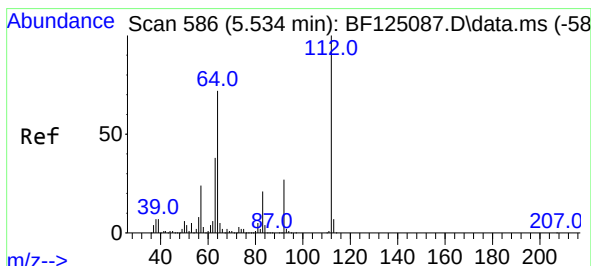
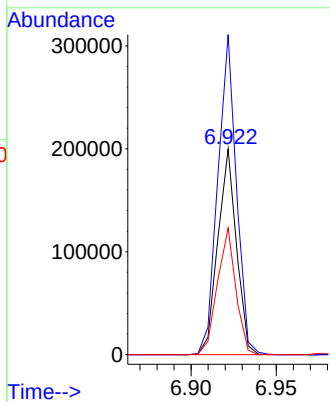
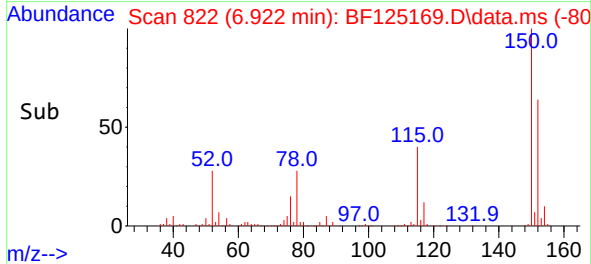




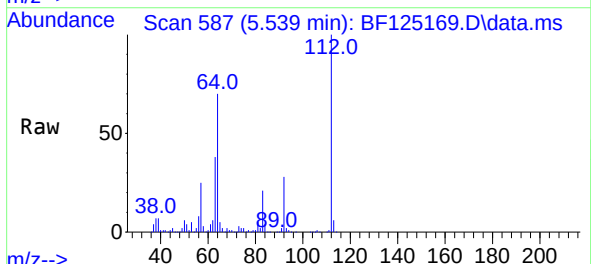
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.922 min Scan# 822
Delta R.T. -0.006 min
Lab File: BF125169.D
Acq: 23 Aug 2021 22:55



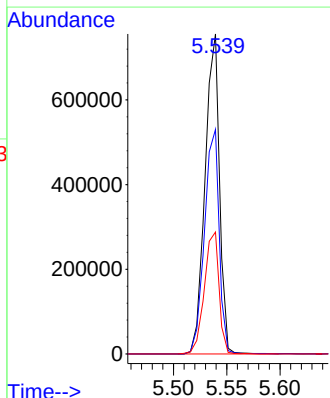
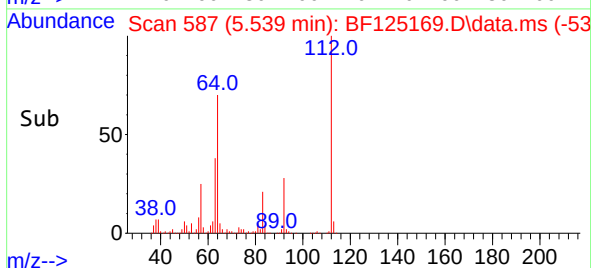
Tgt Ion:152 Resp: 151729
Ion Ratio Lower Upper
152 100
150 155.5 117.6 176.4
115 61.5 47.1 70.7



#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



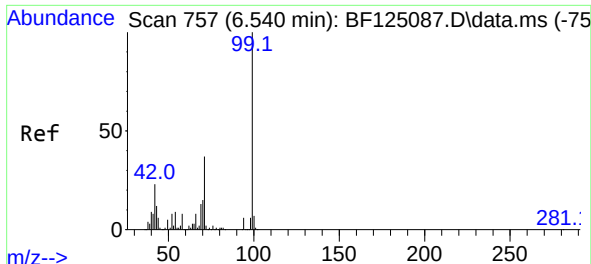
Tgt Ion:112 Resp: 715248
Ion Ratio Lower Upper
112 100
64 70.1 44.2 66.2#
63 38.1 26.2 39.2



Instrument :
BNA_F
ClientSampled :
2-EXT-B

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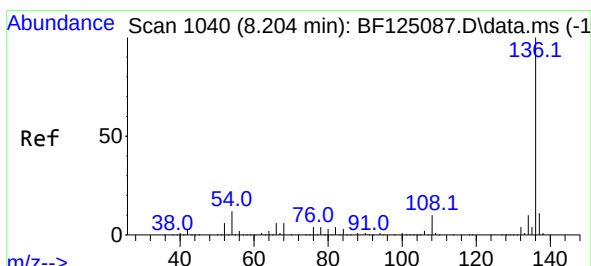
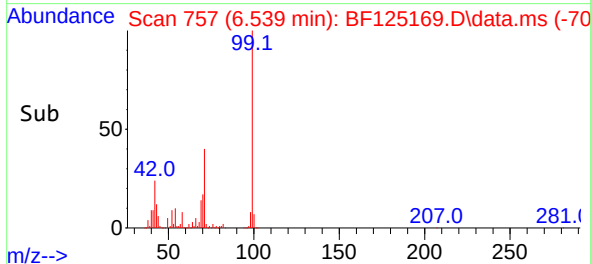
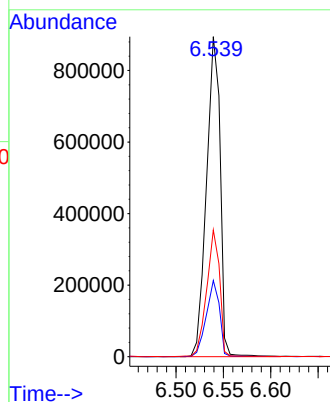
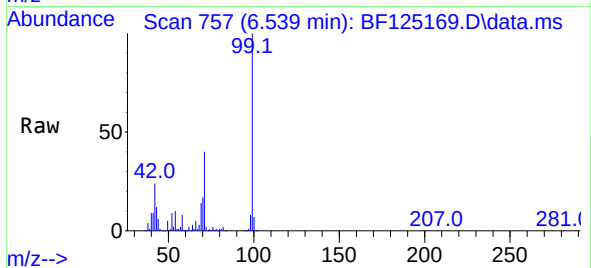
#7
Phenol-d6
Concen: 69.058 ng
RT: 6.539 min Scan# 757
Delta R.T. -0.006 min
Lab File: BF125169.D
Acq: 23 Aug 2021 22:55

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#

Instrument :
BNA_F
ClientSampled :
2-EXT-B

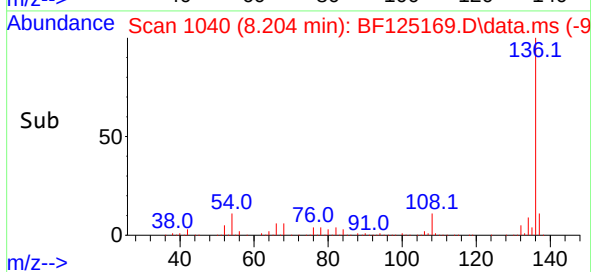
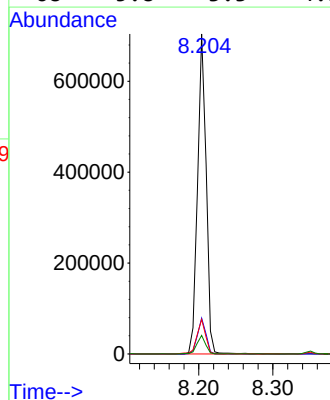
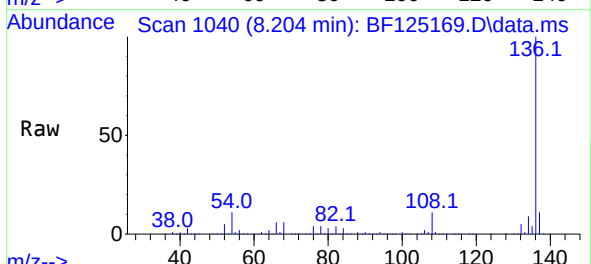
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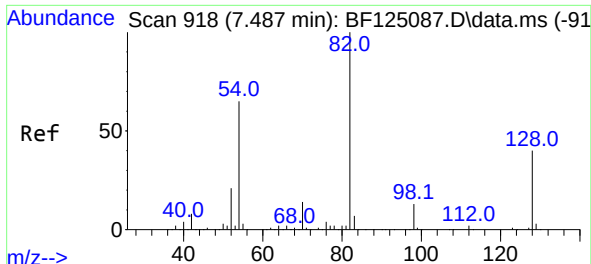
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#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.204 min Scan# 1040
Delta R.T. -0.006 min
Lab File: BF125169.D
Acq: 23 Aug 2021 22:55

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#





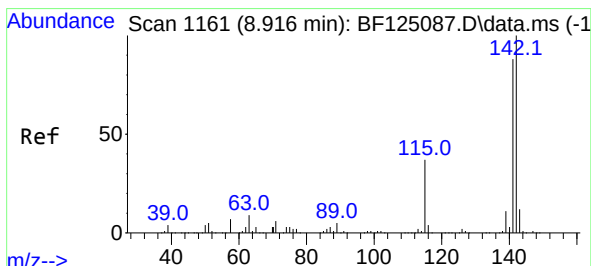
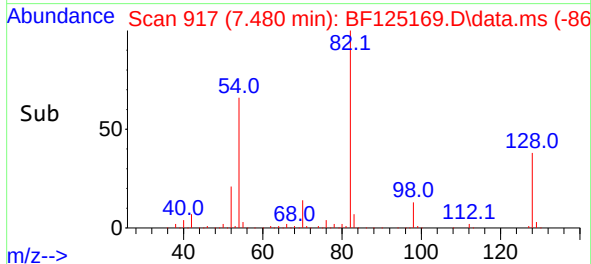
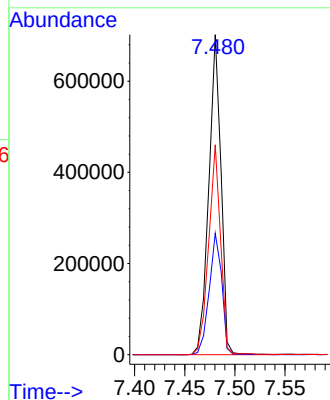
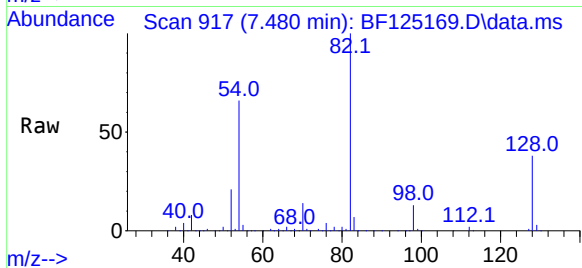
#23
Nitrobenzene-d5
Concen: 52.891 ng
RT: 7.480 min Scan# 917
Delta R.T. -0.006 min
Lab File: BF125169.D
Acq: 23 Aug 2021 22:55

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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

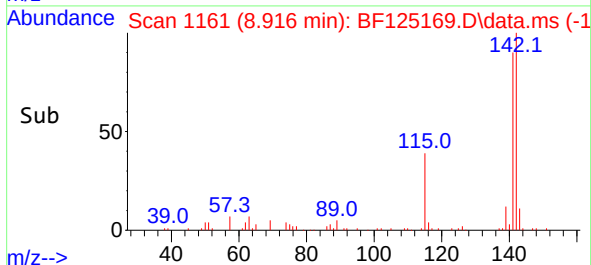
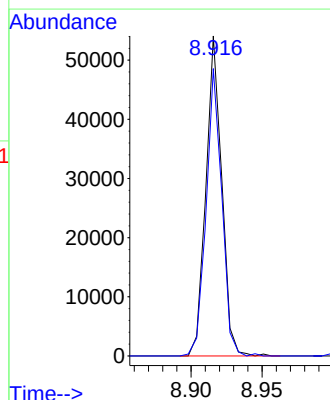
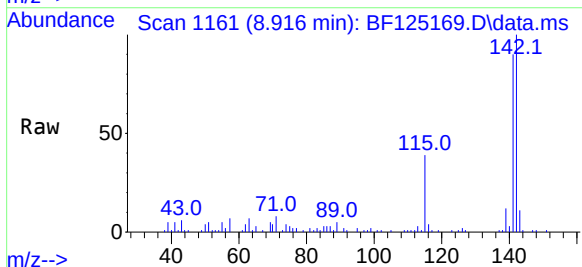
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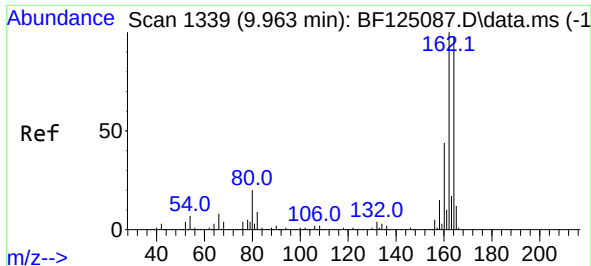
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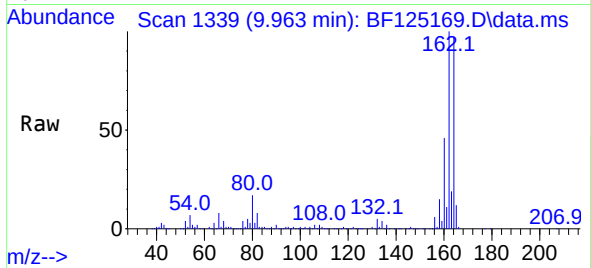
#37
2-Methylnaphthalene
Concen: 2.196 ng
RT: 8.916 min Scan# 1161
Delta R.T. -0.006 min
Lab File: BF125169.D
Acq: 23 Aug 2021 22:55

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

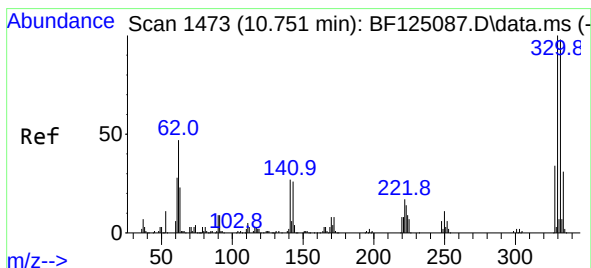
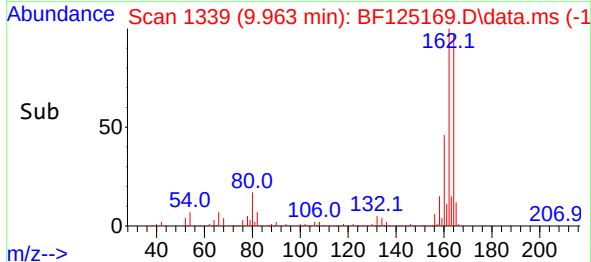
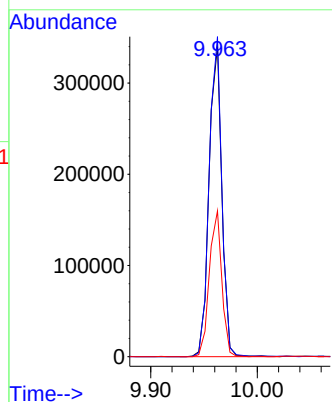


Tgt Ion:164 Resp: 285636
Ion Ratio Lower Upper
164 100
162 102.9 81.3 121.9
160 46.9 38.0 57.0

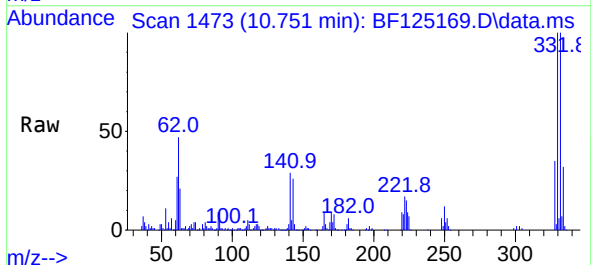
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BNA_F
ClientSampleId :
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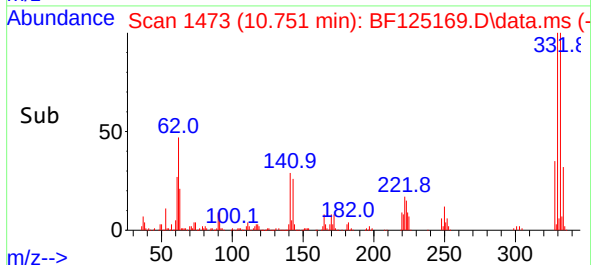
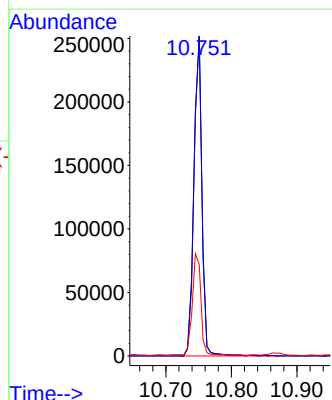
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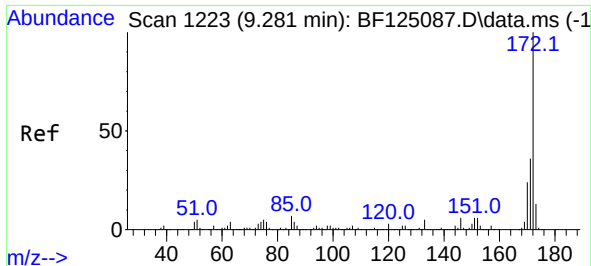


#42
2,4,6-Tribromophenol
Concen: 76.264 ng
RT: 10.751 min Scan# 1473
Delta R.T. -0.006 min
Lab File: BF125169.D
Acq: 23 Aug 2021 22:55



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#





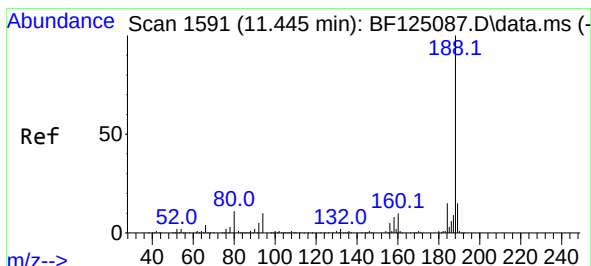
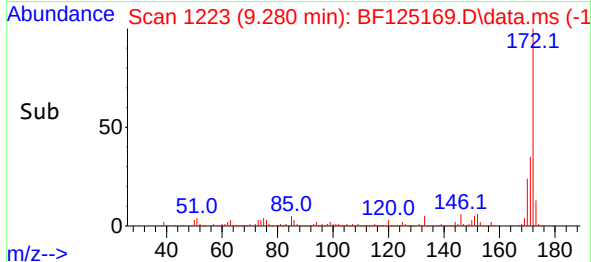
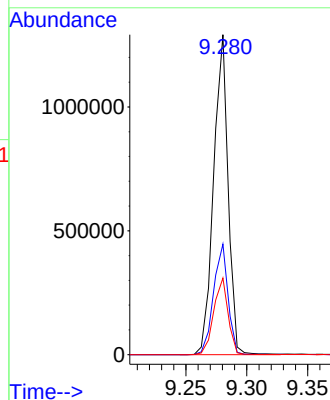
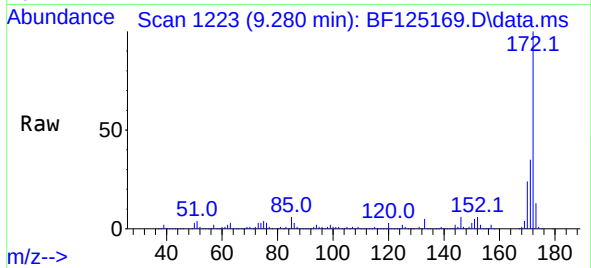
#45
2-Fluorobiphenyl
Concen: 51.962 ng
RT: 9.280 min Scan# 1223
Delta R.T. -0.006 min
Lab File: BF125169.D
Acq: 23 Aug 2021 22:55

Instrument :
BNA_F
ClientSampled :
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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

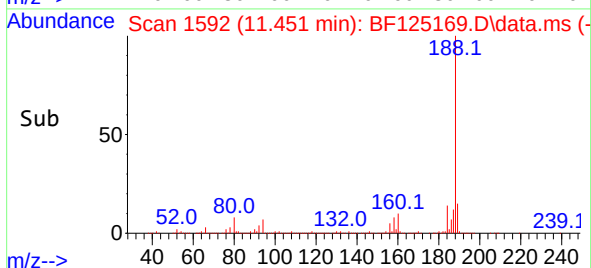
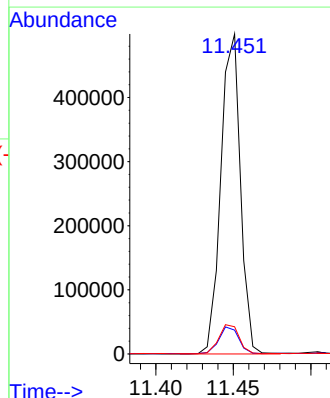
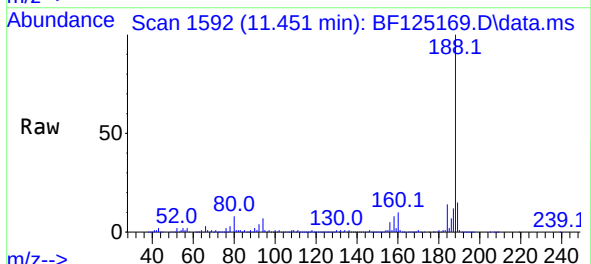
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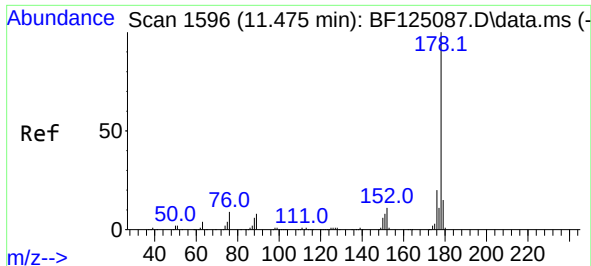
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.451 min Scan# 1592
Delta R.T. -0.000 min
Lab File: BF125169.D
Acq: 23 Aug 2021 22:55

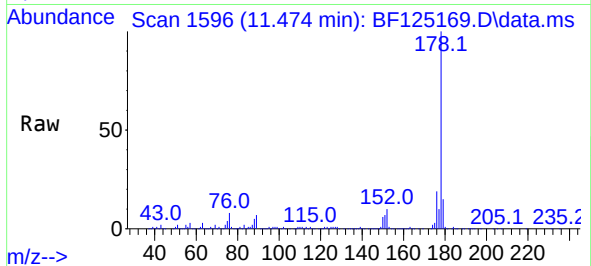
Tgt Ion:188 Resp: 438458
Ion Ratio Lower Upper
188 100
94 7.4 6.7 10.1
80 8.5 7.5 11.3





#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

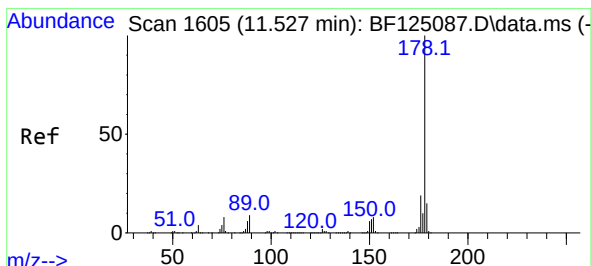
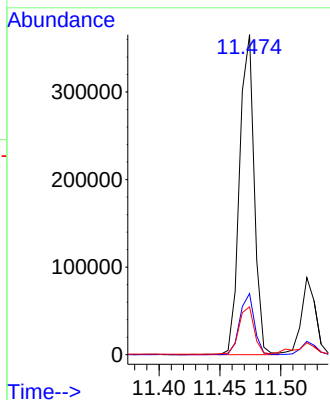
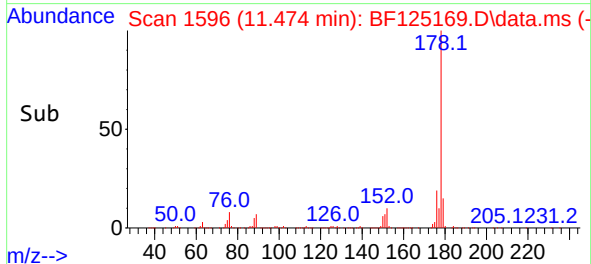
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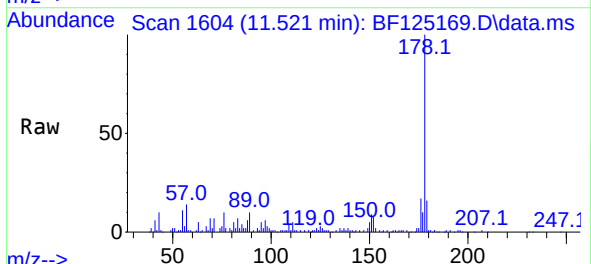
Tgt Ion:178 Resp: 305680
Ion Ratio Lower Upper
178 100
176 19.1 14.7 22.1
179 15.0 11.5 17.3

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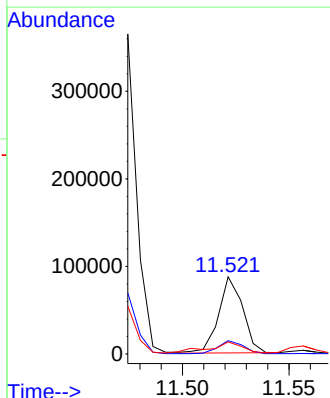
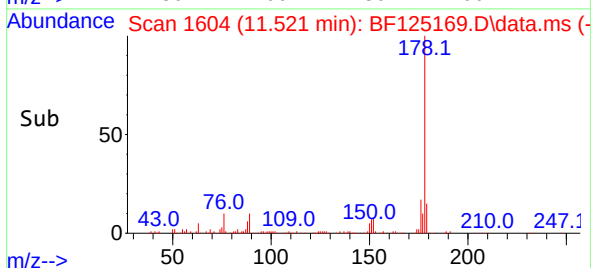
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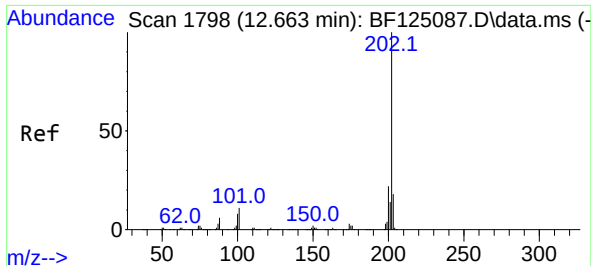


#72
Anthracene
Concen: 2.888 ng
RT: 11.521 min Scan# 1604
Delta R.T. -0.006 min
Lab File: BF125169.D
Acq: 23 Aug 2021 22:55



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





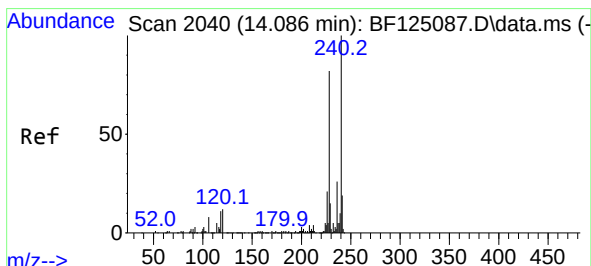
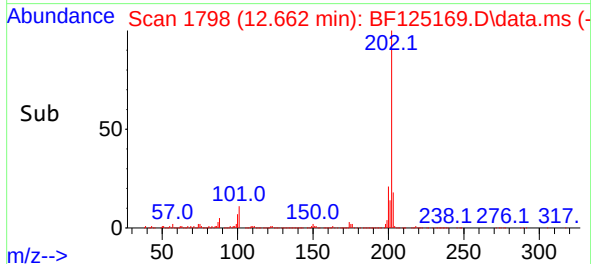
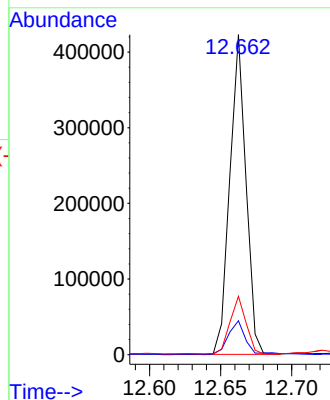
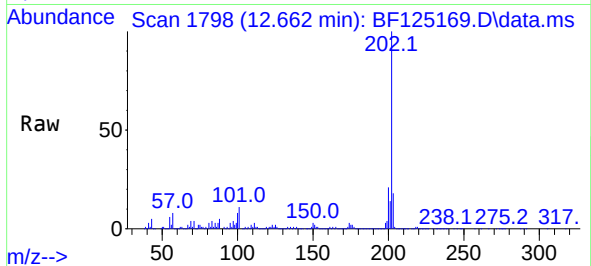
#75
Fluoranthene
Concen: 13.910 ng
RT: 12.662 min Scan# 1798
Delta R.T. -0.006 min
Lab File: BF125169.D
Acq: 23 Aug 2021 22:55

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

Instrument :
BNA_F
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2-EXT-B

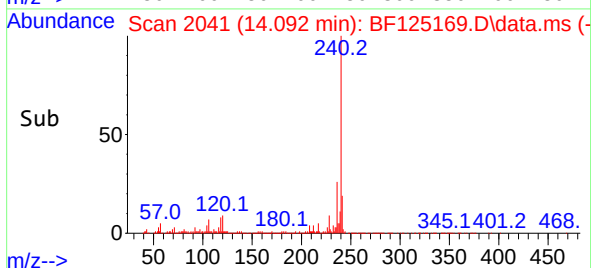
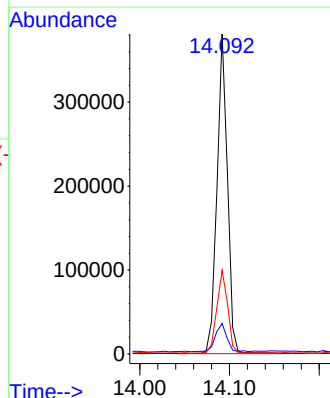
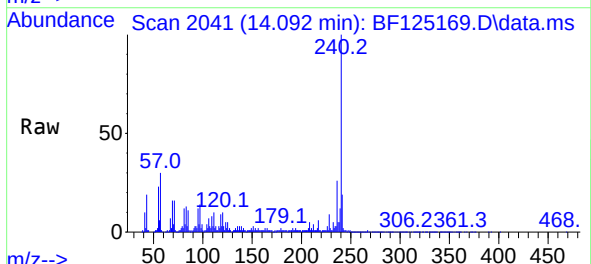
Manual Integrations
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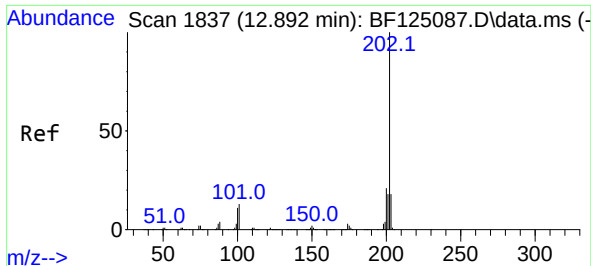
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#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.092 min Scan# 2041
Delta R.T. -0.006 min
Lab File: BF125169.D
Acq: 23 Aug 2021 22:55

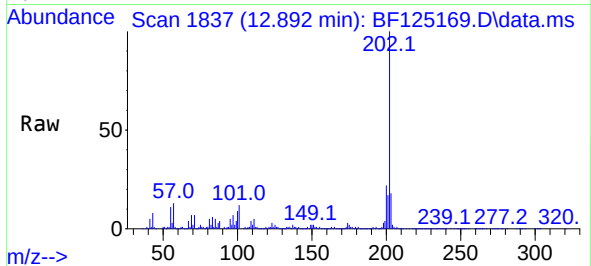
Tgt Ion:	240	Resp:	308450
Ion	Ratio	Lower	Upper
240	100		
120	9.6	10.8	16.2#
236	26.1	21.6	32.4





#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

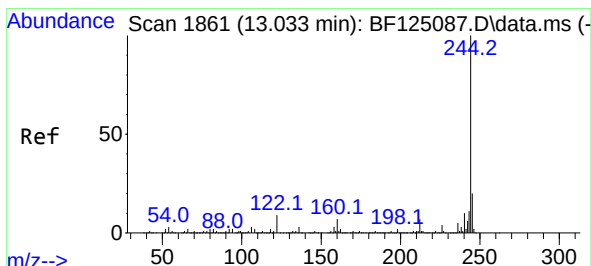
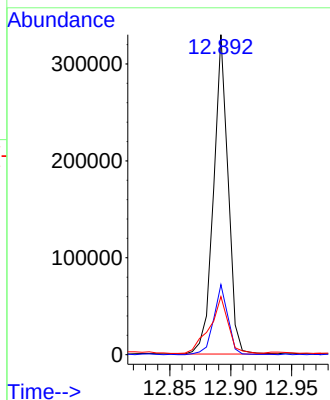
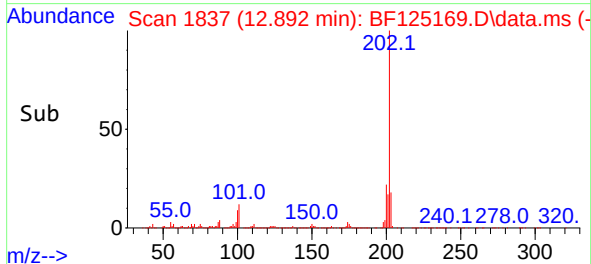
Instrument :
BNA_F
ClientSampled :
2-EXT-B



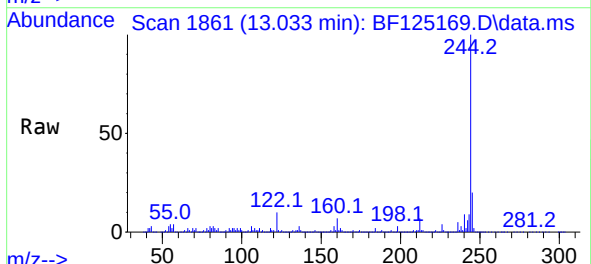
Tgt Ion:202 Resp: 273584
Ion Ratio Lower Upper
202 100
200 21.9 15.3 22.9
203 18.2 13.4 20.0

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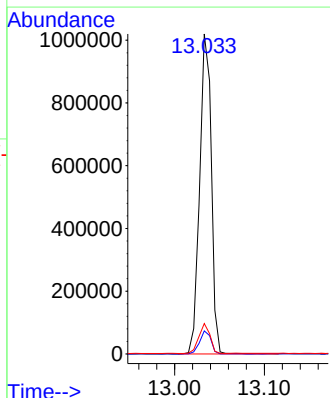
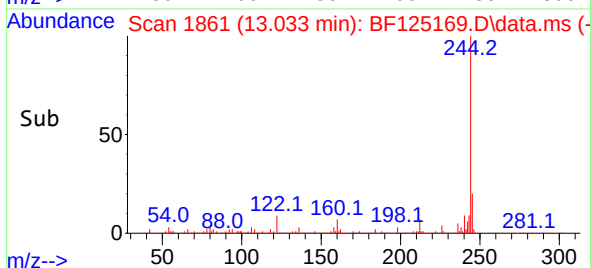
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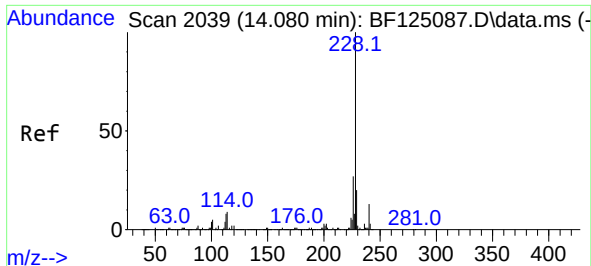


#79
Terphenyl-d14
Concen: 47.563 ng
RT: 13.033 min Scan# 1861
Delta R.T. -0.006 min
Lab File: BF125169.D
Acq: 23 Aug 2021 22:55

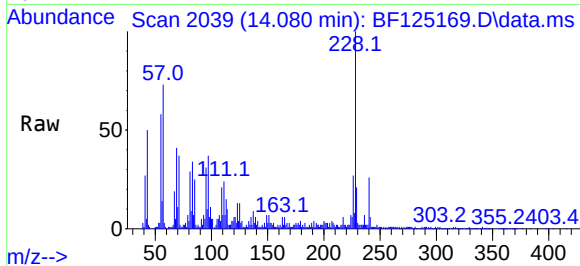


Tgt Ion:244 Resp: 920907
Ion Ratio Lower Upper
244 100
212 7.2 5.9 8.9
122 9.5 9.0 13.4

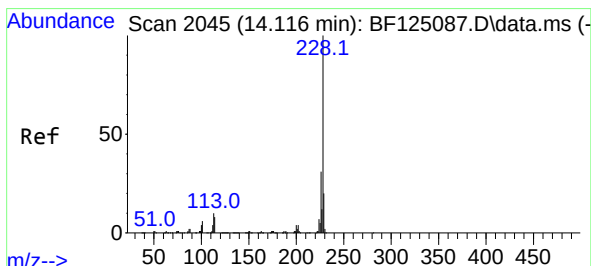
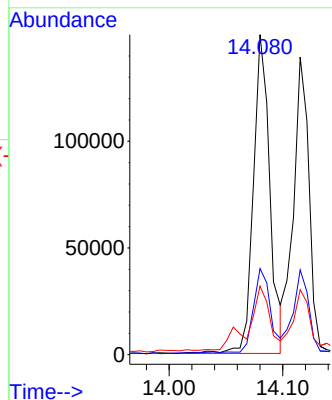
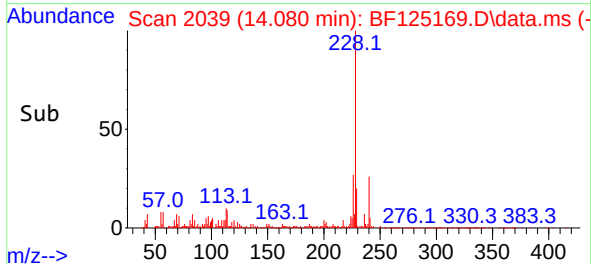




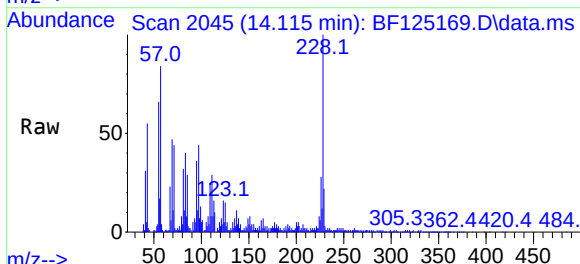
#81
Benzo(a)anthracene
Concen: 6.799 ng
RT: 14.080 min Scan# 2039
Delta R.T. -0.006 min
Lab File: BF125169.D
Acq: 23 Aug 2021 22:55



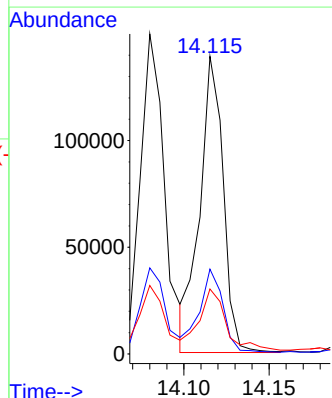
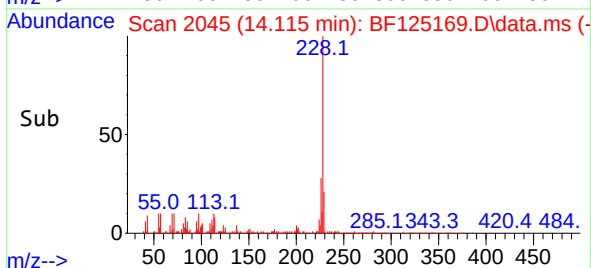
Tgt Ion:228 Resp: 151093
Ion Ratio Lower Upper
228 100
226 26.9 21.6 32.4
229 21.4 15.6 23.4



#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



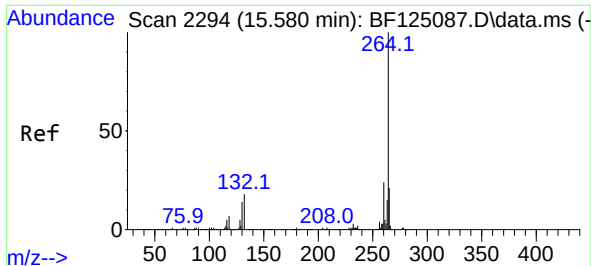
Tgt Ion:228 Resp: 132798
Ion Ratio Lower Upper
228 100
226 28.5 22.6 34.0
229 21.8 15.9 23.9



Instrument :
BNA_F
ClientSampled :
2-EXT-B

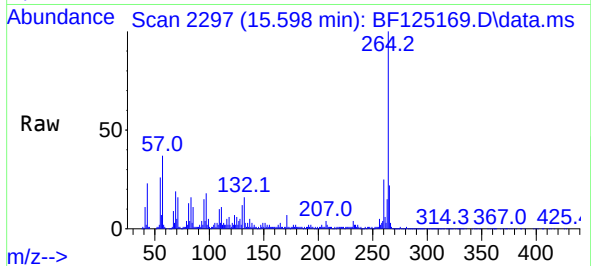
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.598 min Scan# 2297
Delta R.T. -0.000 min
Lab File: BF125169.D
Acq: 23 Aug 2021 22:55

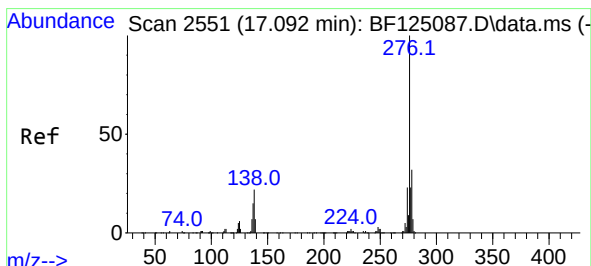
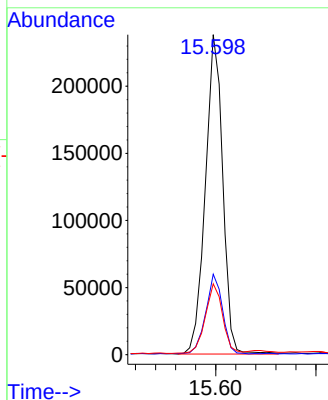
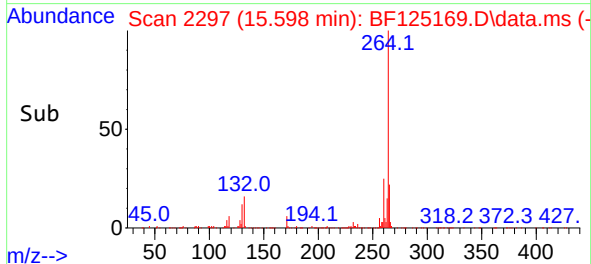
Instrument :
BNA_F
ClientSampled :
2-EXT-B



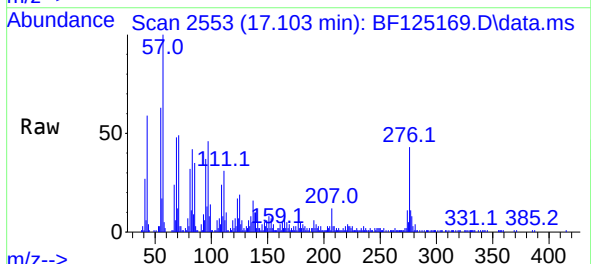
Tgt Ion:264 Resp: 287554
Ion Ratio Lower Upper
264 100
260 25.1 19.6 29.4
265 22.1 17.2 25.8

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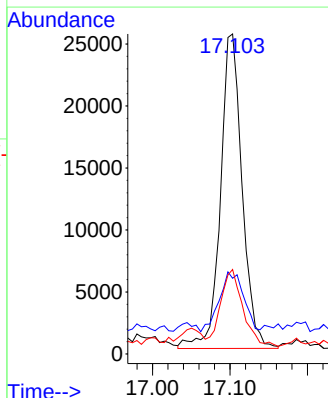
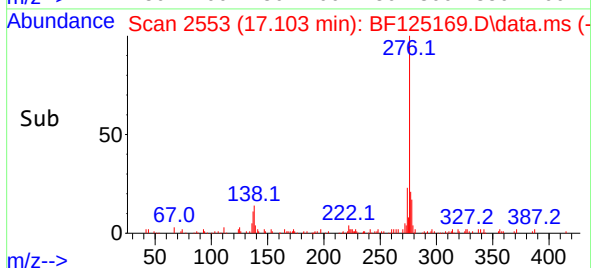
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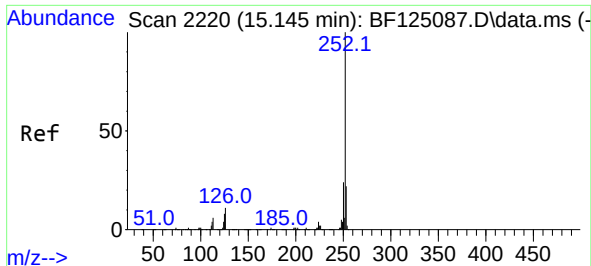


#87
Indeno(1,2,3-cd)pyrene
Concen: 2.387 ng
RT: 17.103 min Scan# 2553
Delta R.T. -0.018 min
Lab File: BF125169.D
Acq: 23 Aug 2021 22:55



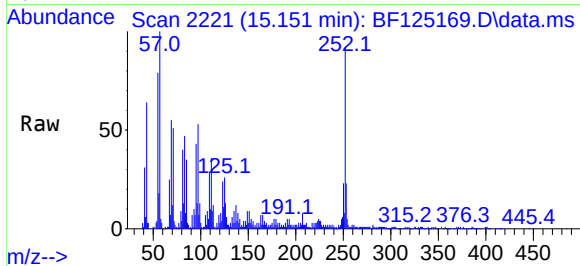
Tgt Ion:276 Resp: 49451
Ion Ratio Lower Upper
276 100
138 22.1 24.1 36.1#
277 25.1 18.8 28.2





#88
Benzo(b)fluoranthene
Concen: 7.234 ng m
RT: 15.151 min Scan# 2221
Delta R.T. -0.006 min
Lab File: BF125169.D
Acq: 23 Aug 2021 22:55

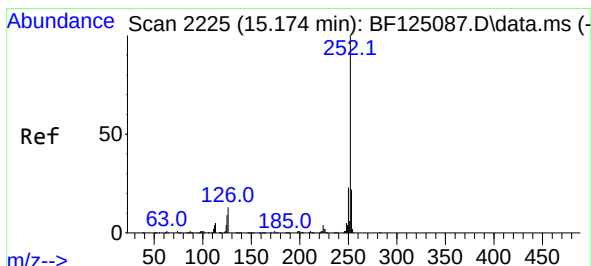
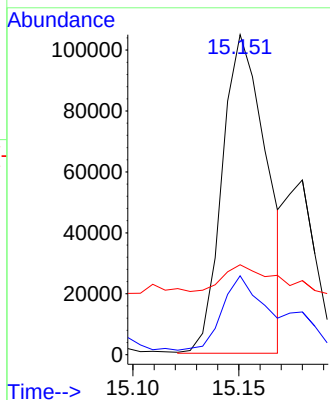
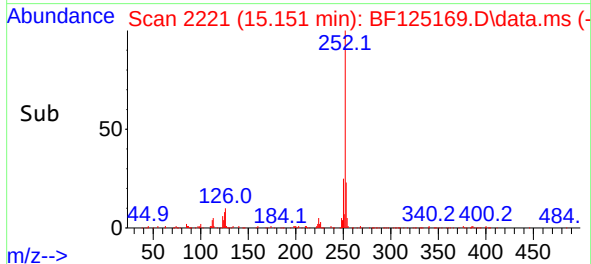
Instrument :
BNA_F
ClientSampled :
2-EXT-B



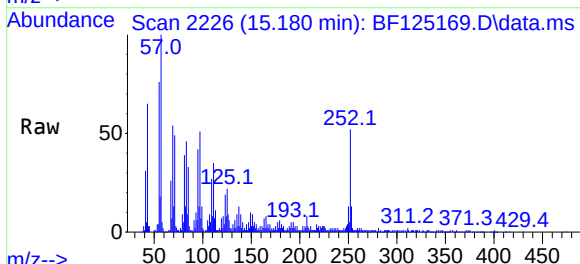
Tgt Ion:252 Resp: 151977
Ion Ratio Lower Upper
252 100
253 24.7 16.8 25.2
125 28.1 9.8 14.8#

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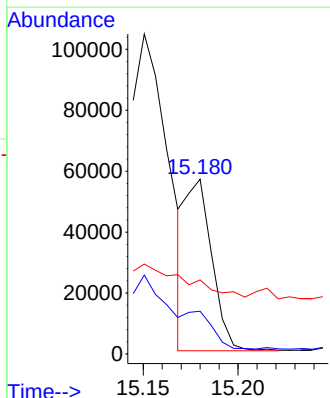
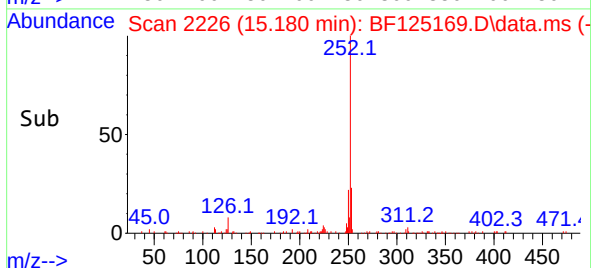
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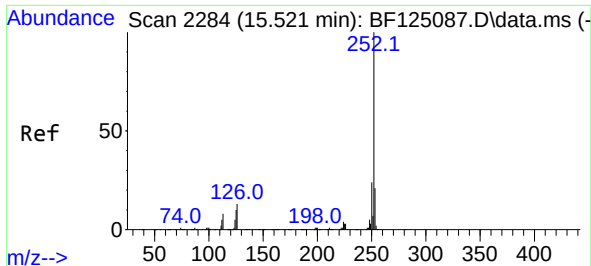


#89
Benzo(k)fluoranthene
Concen: 2.773 ng m
RT: 15.180 min Scan# 2226
Delta R.T. -0.006 min
Lab File: BF125169.D
Acq: 23 Aug 2021 22:55



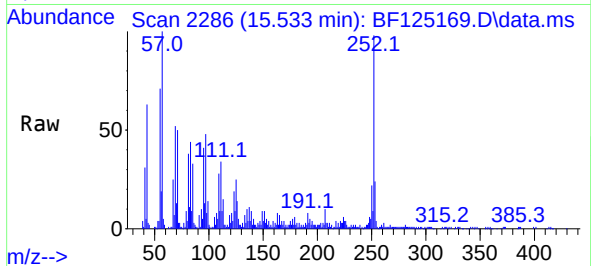
Tgt Ion:252 Resp: 54363
Ion Ratio Lower Upper
252 100
253 24.4 17.8 26.8
125 42.4 7.2 10.8#





#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

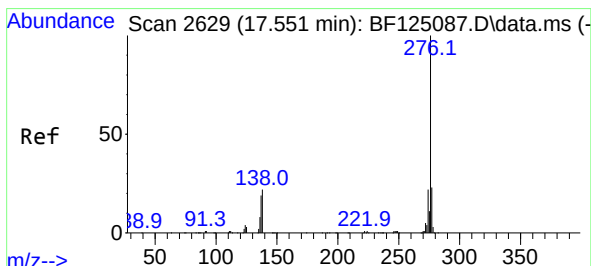
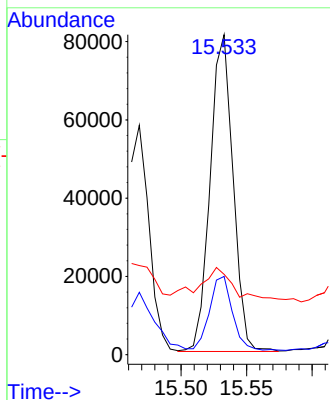
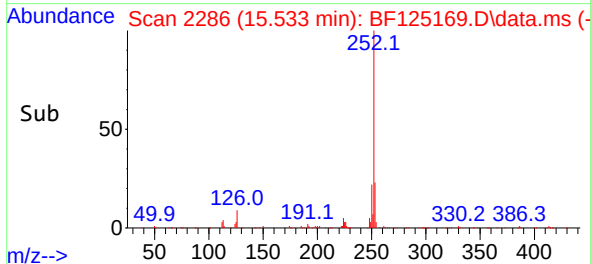
Instrument :
BNA_F
ClientSampled :
2-EXT-B



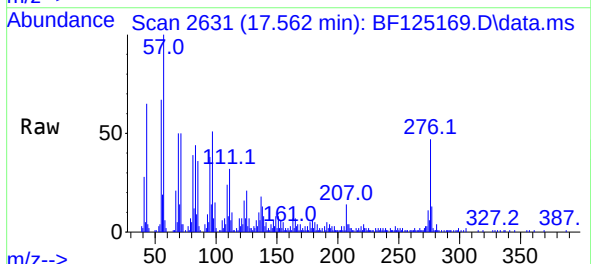
Tgt Ion:252 Resp: 98400
Ion Ratio Lower Upper
252 100
253 24.4 18.4 27.6
125 25.1 9.9 14.9#

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#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



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

