

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072721\
 Data File : BF124816.D
 Acq On : 28 Jul 2021 3:36
 Operator : JU/CG
 Sample : M3176-01DL 25X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 18-B7-TP-(9.5-12)DL

Manual Integrations
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Quant Time: Jul 28 04:09:09 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072221.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 22 15:28:57 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	6007	20.000	ng	# 0.00
21) Naphthalene-d8	8.157	136	24017	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	13654	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	23041	20.000	ng	0.00
76) Chrysene-d12	14.039	240	14928	20.000	ng	# 0.00
86) Perylene-d12	15.510	264	12731	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	2239	6.311	ng	0.00
7) Phenol-d6	6.487	99	2626	5.904	ng	-0.01
23) Nitrobenzene-d5	7.428	82	1738	4.307	ng	-0.01
42) 2,4,6-Tribromophenol	10.692	330	636	5.425	ng	-0.01
45) 2-Fluorobiphenyl	9.228	172	3693	3.973	ng	0.00
79) Terphenyl-d14	12.974	244	3522	4.044	ng	-0.01
Target Compounds						Qvalue
71) Phenanthrene	11.422	178	23805	19.209	ng	98
72) Anthracene	11.469	178	5784	4.669	ng	96
73) Carbazole	11.627	167	2769	2.384	ng	96
75) Fluoranthene	12.616	202	32715	25.870	ng	96
78) Pyrene	12.839	202	26343	22.290	ng	99
81) Benzo(a)anthracene	14.027	228	13132	13.458	ng	98
83) Chrysene	14.063	228	10760	11.446	ng	96
87) Indeno(1,2,3-cd)pyrene	16.986	276	4176	5.682	ng	# 79
88) Benzo(b)fluoranthene	15.080	252	13738m	15.327	ng	
89) Benzo(k)fluoranthene	15.104	252	4165m	5.085	ng	
90) Benzo(a)pyrene	15.445	252	8803	11.756	ng	98
92) Benzo(g,h,i)perylene	17.427	276	3489	5.718	ng	# 92

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

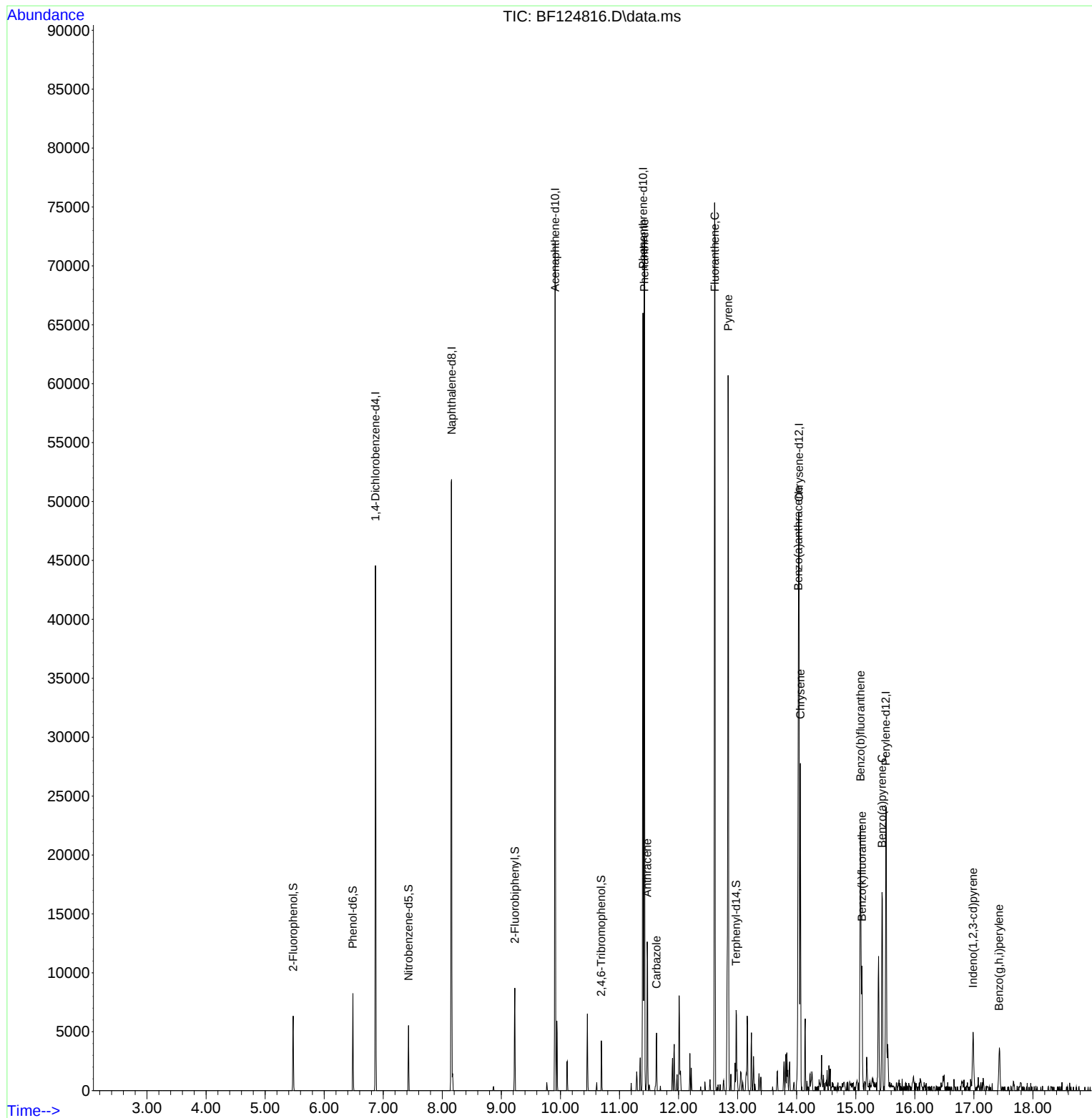
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072721\
Data File : BF124816.D
Acq On : 28 Jul 2021 3:36
Operator : JU/CG
Sample : M3176-01DL 25X
Misc :
ALS Vial : 21 Sample Multiplier: 1

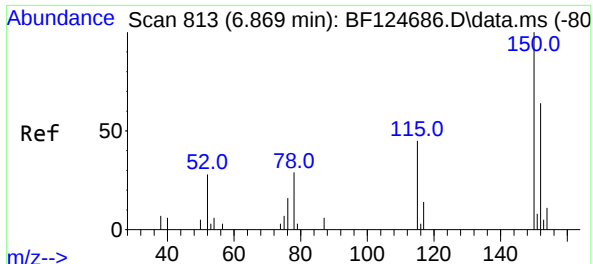
Instrument :
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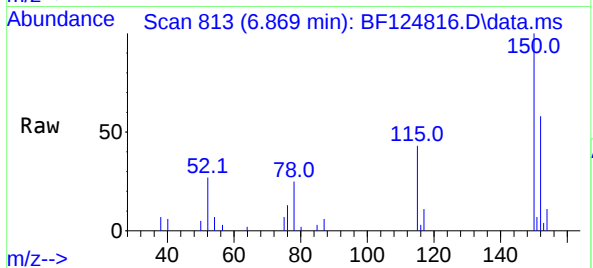
Quant Time: Jul 28 04:09:09 2021
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 22 15:28:57 2021
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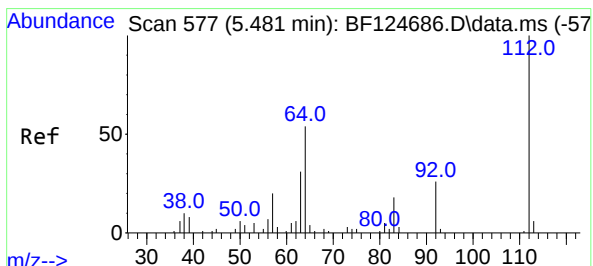
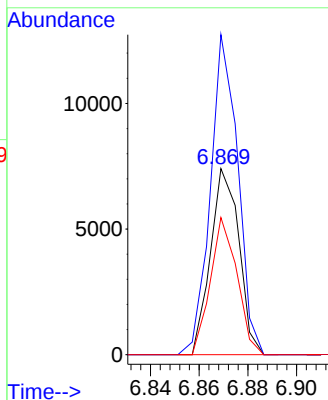
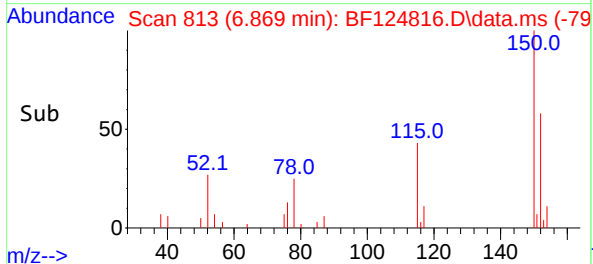


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 813
Delta R.T. -0.000 min
Lab File: BF124816.D
Acq: 28 Jul 2021 3:36

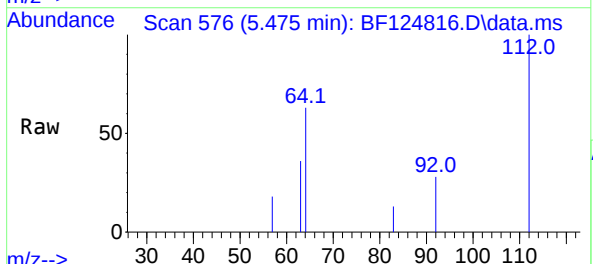
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ClientSampleId :
18-B7-TP-(9.5-12)DL



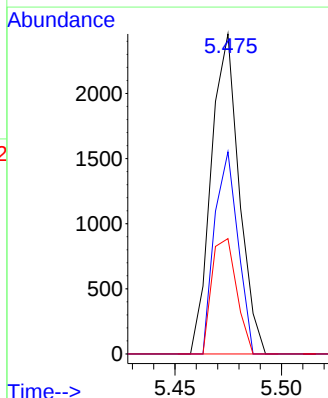
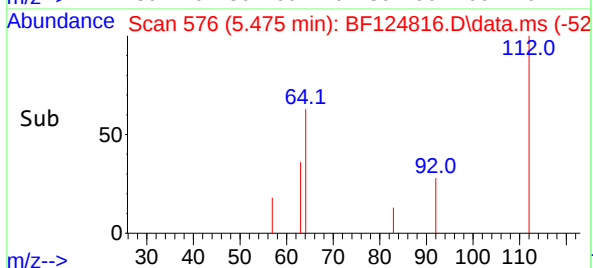
Tgt Ion:152 Resp: 6007
Ion Ratio Lower Upper
152 100
150 172.0 117.6 176.4
115 73.7 47.1 70.7#

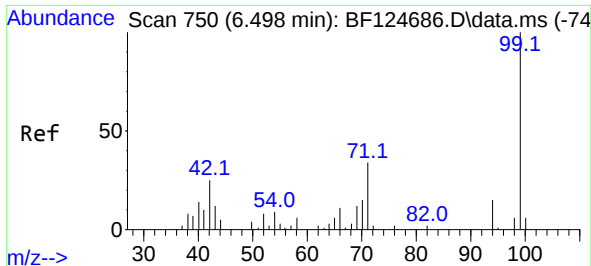


#5
2-Fluorophenol
Concen: 6.311 ng
RT: 5.475 min Scan# 576
Delta R.T. -0.006 min
Lab File: BF124816.D
Acq: 28 Jul 2021 3:36



Tgt Ion:112 Resp: 2239
Ion Ratio Lower Upper
112 100
64 63.1 44.2 66.2
63 36.1 26.2 39.2





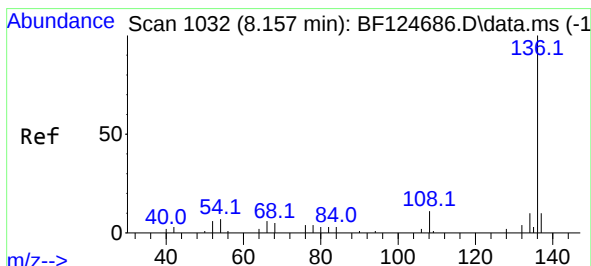
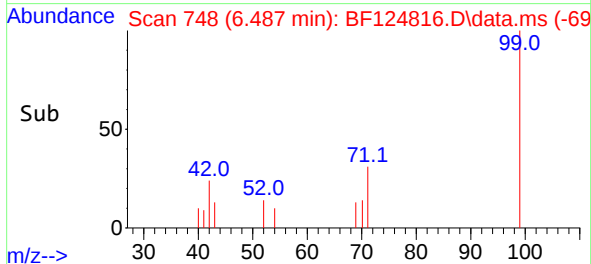
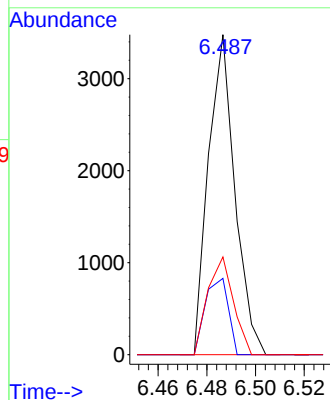
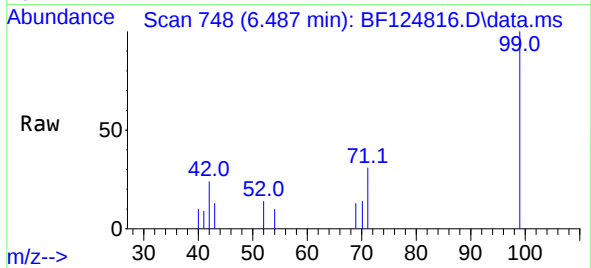
#7
Phenol-d6
Concen: 5.904 ng
RT: 6.487 min Scan# 748
Delta R.T. -0.012 min
Lab File: BF124816.D
Acq: 28 Jul 2021 3:36

Tgt Ion: 99	Resp: 2626
Ion Ratio	Lower Upper
99 100	
42 23.8	23.5 35.3
71 30.5	25.6 38.4

Instrument :
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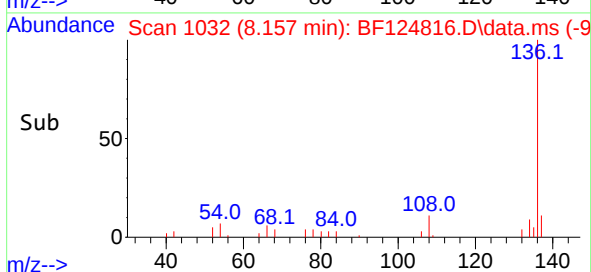
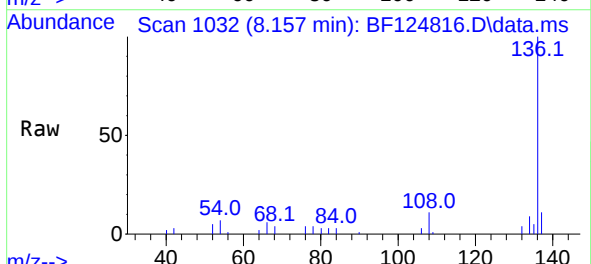
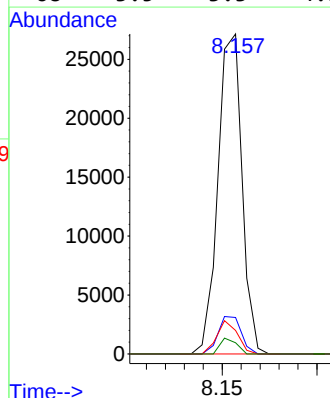
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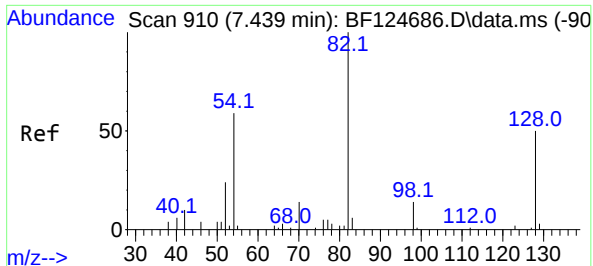
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#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1032
Delta R.T. -0.000 min
Lab File: BF124816.D
Acq: 28 Jul 2021 3:36

Tgt Ion: 136	Resp: 24017
Ion Ratio	Lower Upper
136 100	
137 11.4	9.8 14.6
54 7.4	6.4 9.6
68 3.5	3.3 4.9





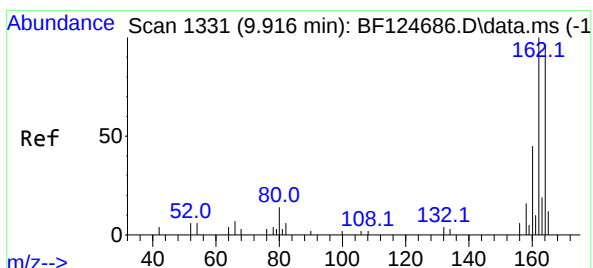
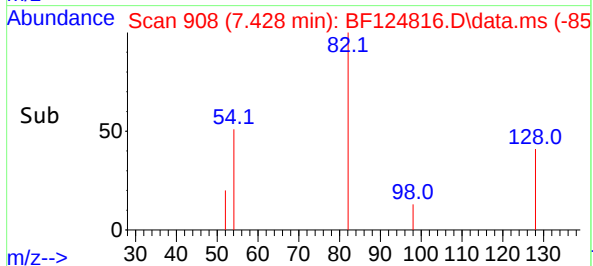
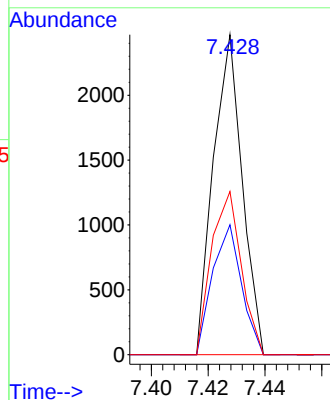
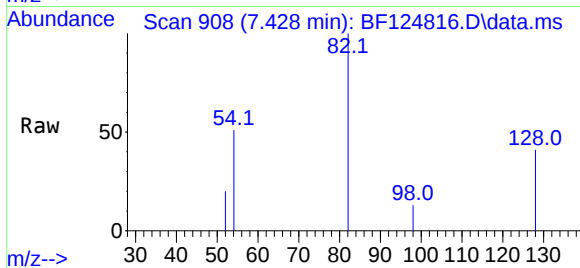
#23
Nitrobenzene-d5
Concen: 4.307 ng
RT: 7.428 min Scan# 908
Delta R.T. -0.012 min
Lab File: BF124816.D
Acq: 28 Jul 2021 3:36

Tgt Ion:	82	Resp:	1738
Ion	Ratio	Lower	Upper
82	100		
128	40.6	40.6	60.8
54	51.0	49.6	74.4

Instrument :
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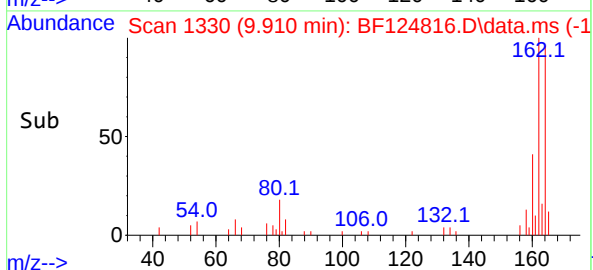
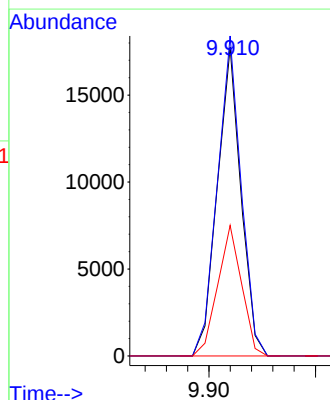
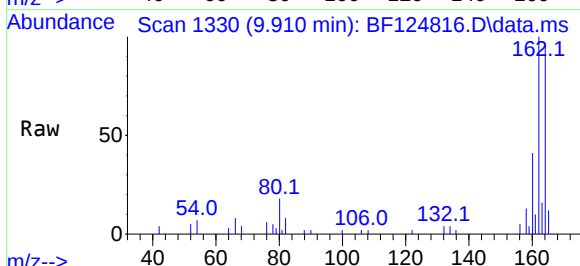
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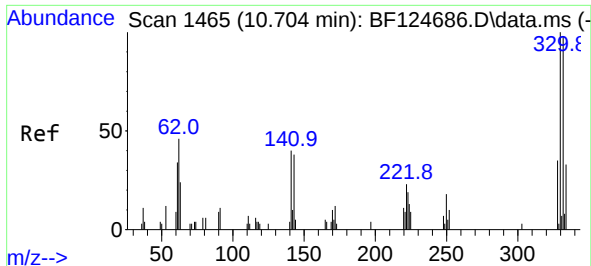
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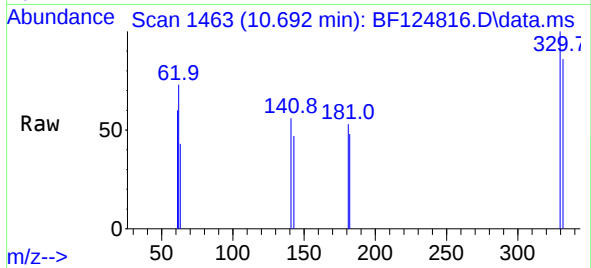
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 1330
Delta R.T. -0.006 min
Lab File: BF124816.D
Acq: 28 Jul 2021 3:36

Tgt Ion:	164	Resp:	13654
Ion	Ratio	Lower	Upper
164	100		
162	103.7	81.3	121.9
160	42.3	38.0	57.0

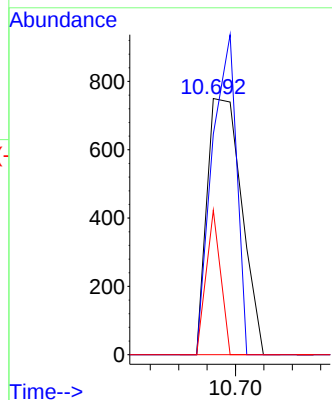




#42
2,4,6-Tribromophenol
Concen: 5.425 ng
RT: 10.692 min Scan# 1463
Delta R.T. -0.012 min
Lab File: BF124816.D
Acq: 28 Jul 2021 3:36



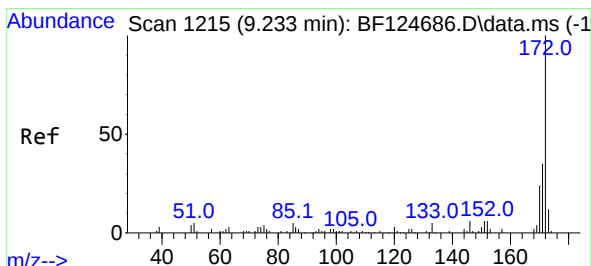
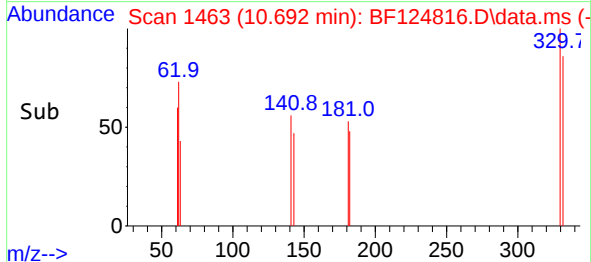
Tgt Ion: 330 Resp: 636
Ion Ratio Lower Upper
330 100
332 87.9 76.2 114.4
141 23.4 44.6 66.8#



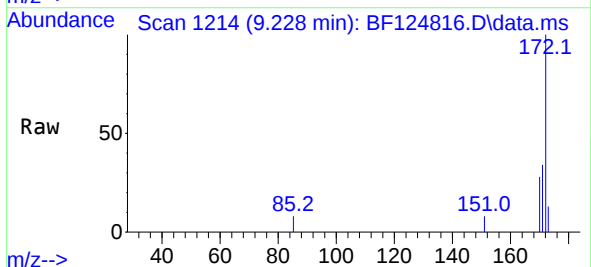
Instrument :
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ClientSampleId :
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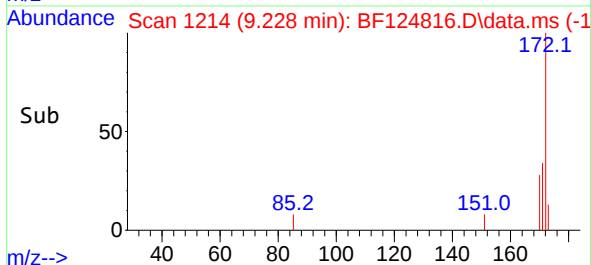
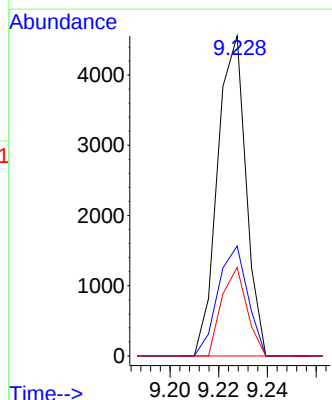
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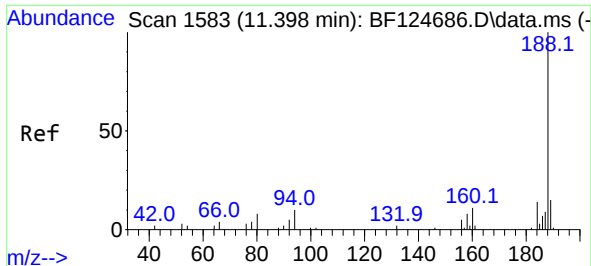


#45
2-Fluorobiphenyl
Concen: 3.973 ng
RT: 9.228 min Scan# 1214
Delta R.T. -0.006 min
Lab File: BF124816.D
Acq: 28 Jul 2021 3:36



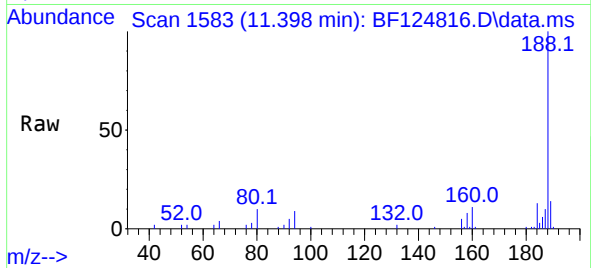
Tgt Ion: 172 Resp: 3693
Ion Ratio Lower Upper
172 100
171 34.4 26.5 39.7
170 27.7 18.8 28.2





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1583
Delta R.T. -0.000 min
Lab File: BF124816.D
Acq: 28 Jul 2021 3:36

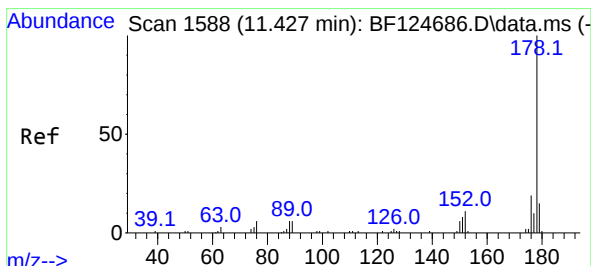
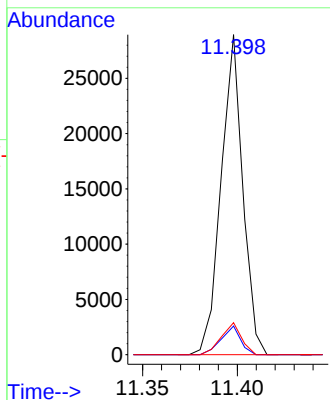
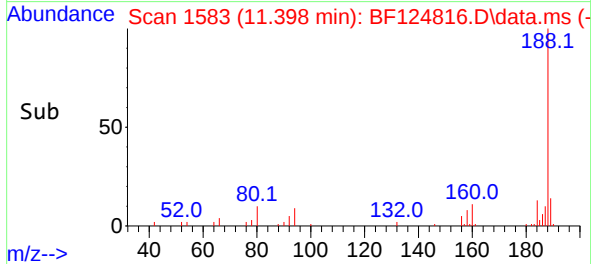
Instrument :
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ClientSampleId :
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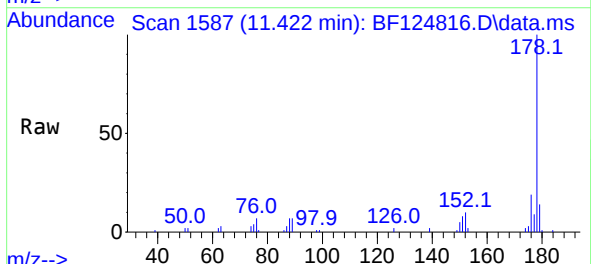
Tgt Ion:188 Resp: 23041
Ion Ratio Lower Upper
188 100
94 8.9 6.7 10.1
80 10.0 7.5 11.3

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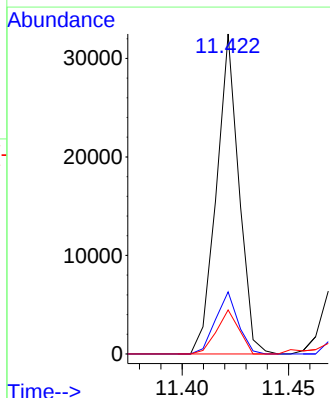
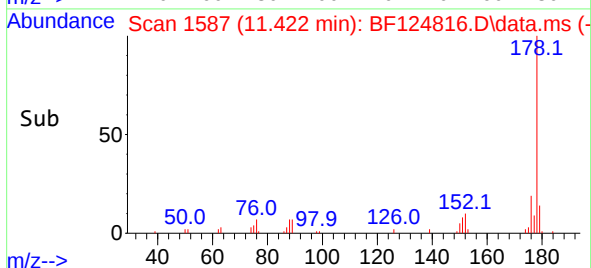
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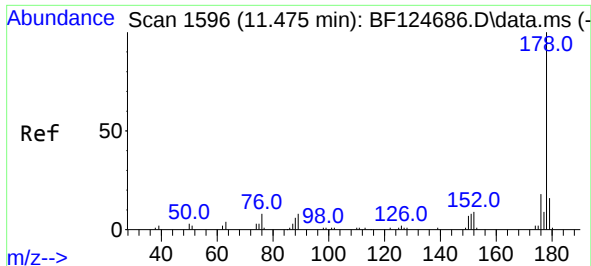


#71
Phenanthrene
Concen: 19.209 ng
RT: 11.422 min Scan# 1587
Delta R.T. -0.006 min
Lab File: BF124816.D
Acq: 28 Jul 2021 3:36



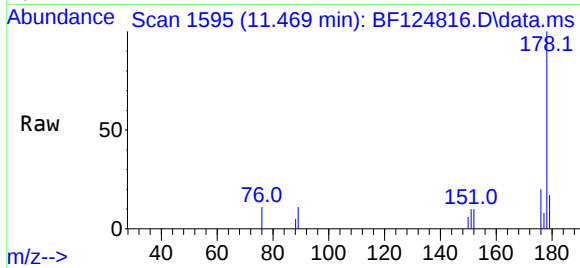
Tgt Ion:178 Resp: 23805
Ion Ratio Lower Upper
178 100
176 19.4 14.7 22.1
179 13.7 11.5 17.3





#72
 Anthracene
 Concen: 4.669 ng
 RT: 11.469 min Scan# 1595
 Delta R.T. -0.006 min
 Lab File: BF124816.D
 Acq: 28 Jul 2021 3:36

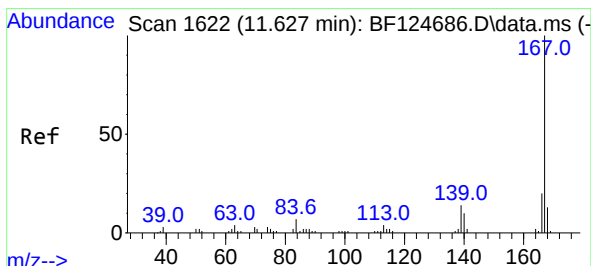
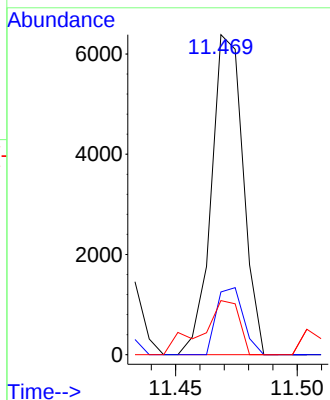
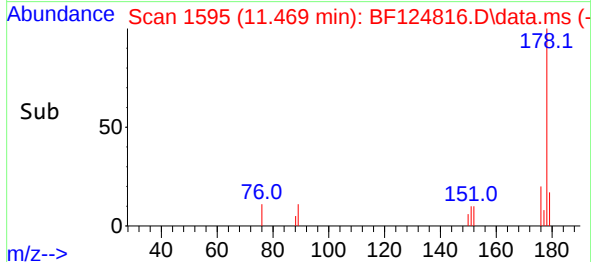
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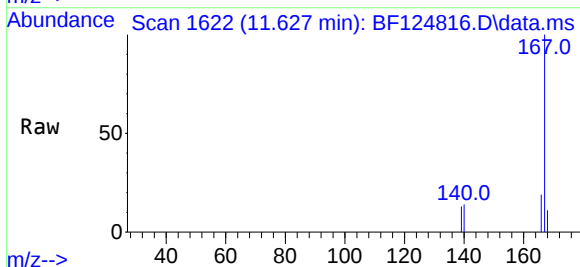
Tgt Ion:178 Resp: 5784
 Ion Ratio Lower Upper
 178 100
 176 19.6 14.3 21.5
 179 16.9 12.2 18.4

Manual Integrations
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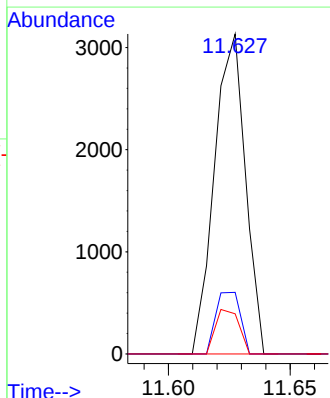
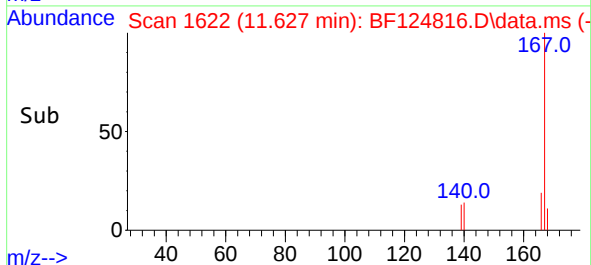
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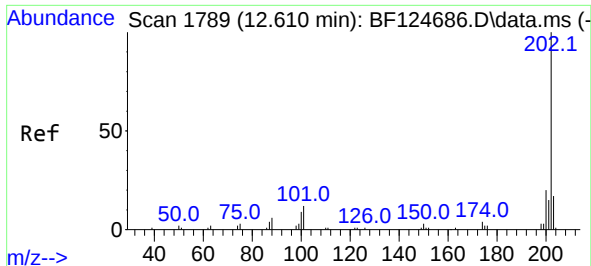


#73
 Carbazole
 Concen: 2.384 ng
 RT: 11.627 min Scan# 1622
 Delta R.T. -0.000 min
 Lab File: BF124816.D
 Acq: 28 Jul 2021 3:36

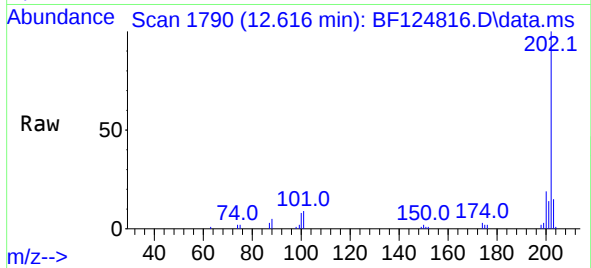


Tgt Ion:167 Resp: 2769
 Ion Ratio Lower Upper
 167 100
 166 19.2 17.4 26.0
 139 12.6 11.0 16.4

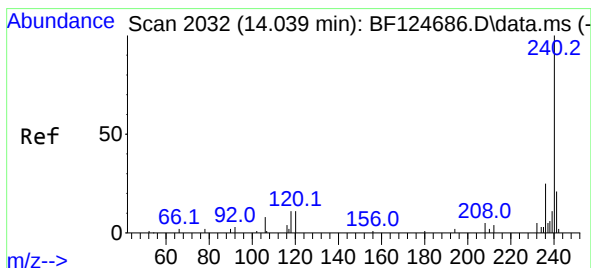
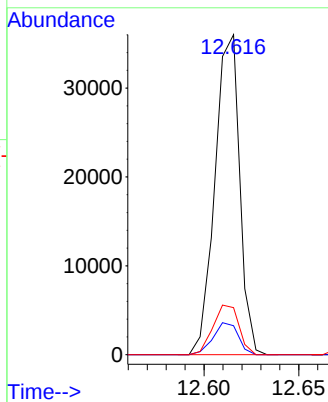
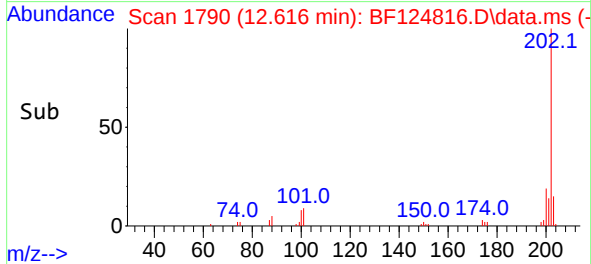




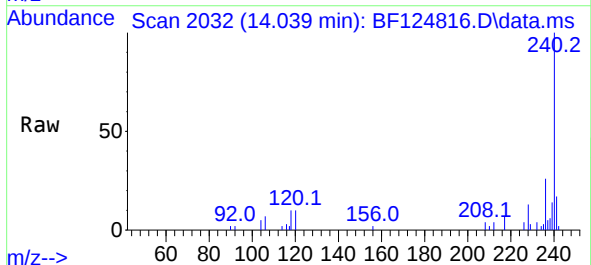
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Fluoranthene
Concen: 25.870 ng
RT: 12.616 min Scan# 1790
Delta R.T. 0.006 min
Lab File: BF124816.D
Acq: 28 Jul 2021 3:36



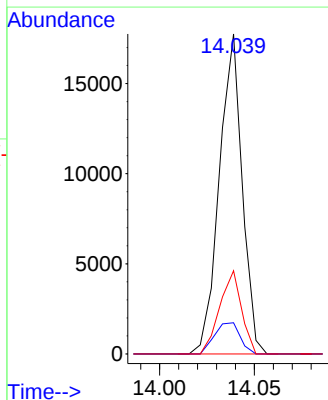
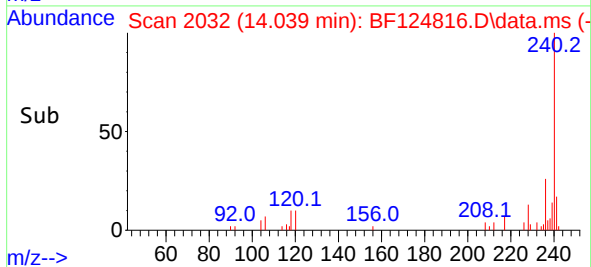
Tgt Ion:202 Resp: 32715
Ion Ratio Lower Upper
202 100
101 9.0 0.0 30.7
203 14.7 0.0 36.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2032
Delta R.T. -0.000 min
Lab File: BF124816.D
Acq: 28 Jul 2021 3:36



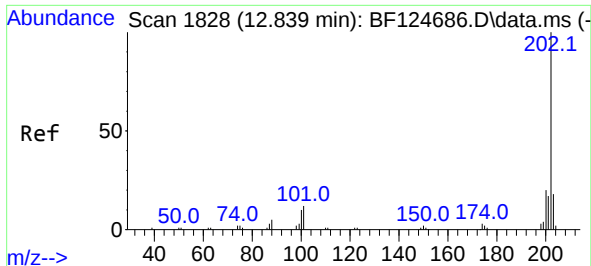
Tgt Ion:240 Resp: 14928
Ion Ratio Lower Upper
240 100
120 9.8 10.8 16.2#
236 26.0 21.6 32.4



Instrument :
BNA_F
ClientSampleId :
18-B7-TP-(9.5-12)DL

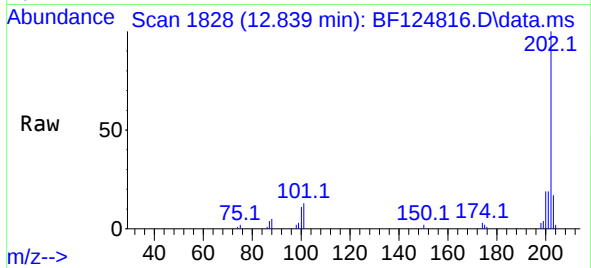
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#78
Pyrene
Concen: 22.290 ng
RT: 12.839 min Scan# 1828
Delta R.T. -0.000 min
Lab File: BF124816.D
Acq: 28 Jul 2021 3:36

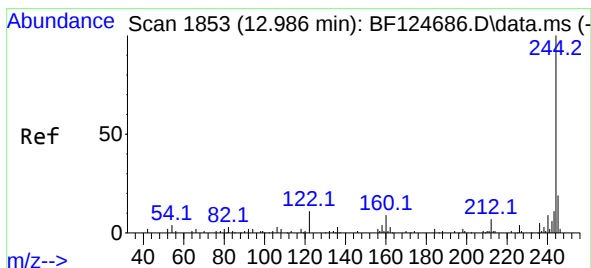
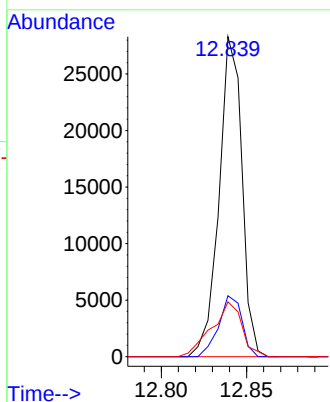
Instrument :
BNA_F
ClientSampleId :
18-B7-TP-(9.5-12)DL



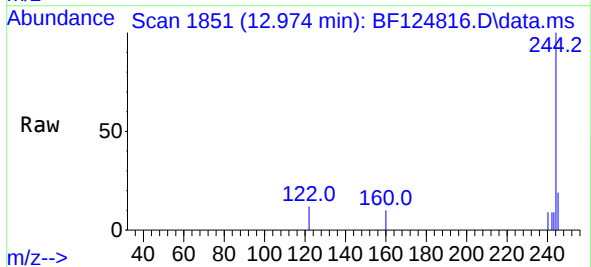
Tgt Ion:202 Resp: 26343
Ion Ratio Lower Upper
202 100
200 19.0 15.3 22.9
203 17.2 13.4 20.0

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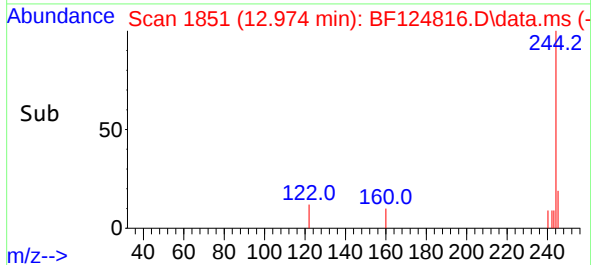
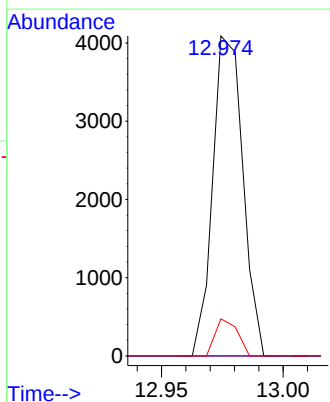
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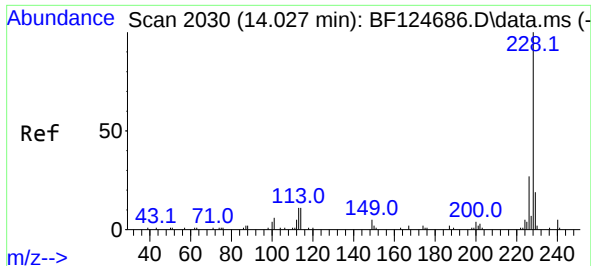


#79
Terphenyl-d14
Concen: 4.044 ng
RT: 12.974 min Scan# 1851
Delta R.T. -0.012 min
Lab File: BF124816.D
Acq: 28 Jul 2021 3:36



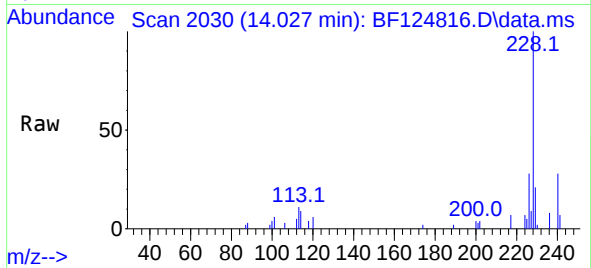
Tgt Ion:244 Resp: 3522
Ion Ratio Lower Upper
244 100
212 0.0 5.9 8.9#
122 11.6 9.0 13.4





#81
Benzo(a)anthracene
Concen: 13.458 ng
RT: 14.027 min Scan# 2030
Delta R.T. -0.000 min
Lab File: BF124816.D
Acq: 28 Jul 2021 3:36

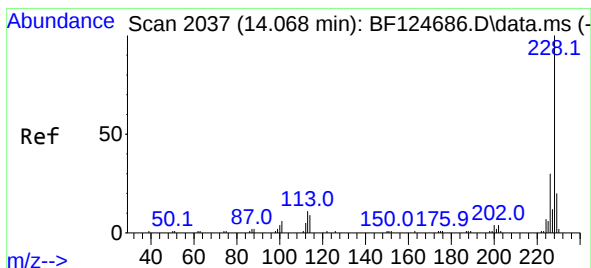
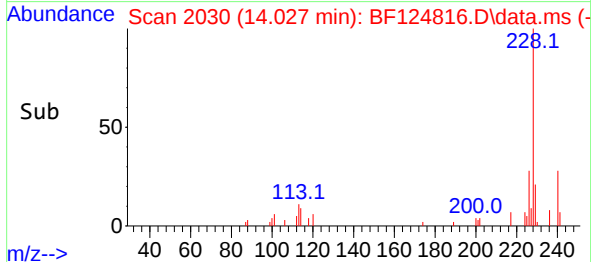
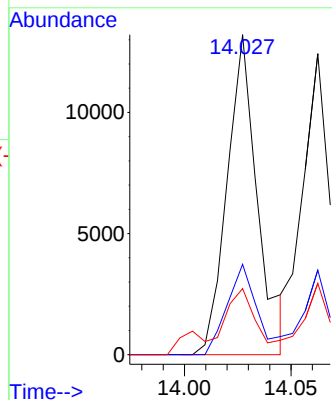
Instrument :
BNA_F
ClientSampleId :
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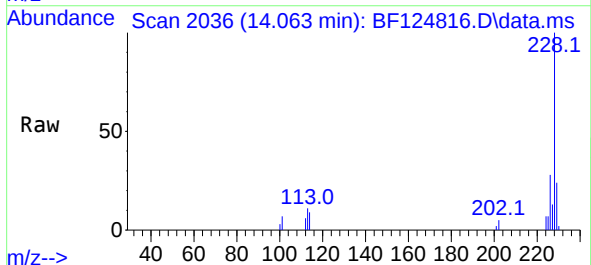
Tgt Ion:228 Resp: 13132
Ion Ratio Lower Upper
228 100
226 28.3 21.6 32.4
229 20.7 15.6 23.4

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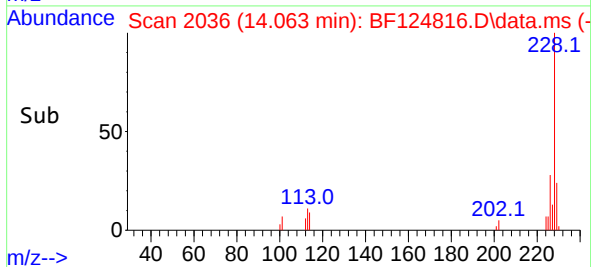
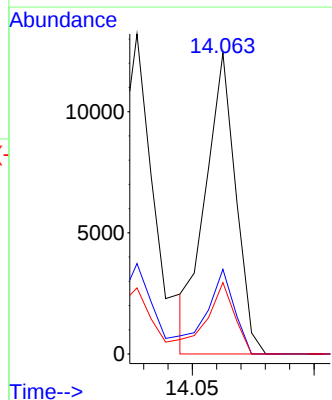
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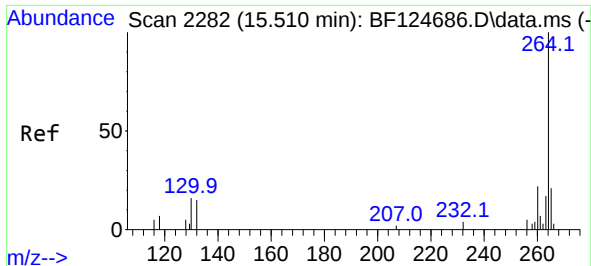


#83
Chrysene
Concen: 11.446 ng
RT: 14.063 min Scan# 2036
Delta R.T. -0.006 min
Lab File: BF124816.D
Acq: 28 Jul 2021 3:36



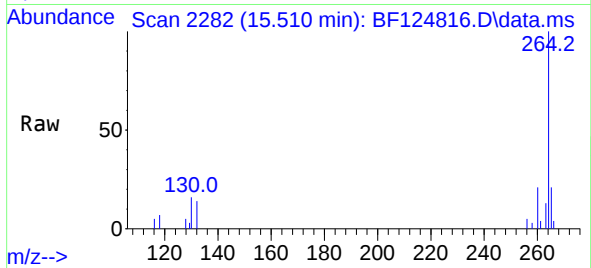
Tgt Ion:228 Resp: 10760
Ion Ratio Lower Upper
228 100
226 28.1 22.6 34.0
229 23.7 15.9 23.9





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.510 min Scan# 2282
Delta R.T. -0.000 min
Lab File: BF124816.D
Acq: 28 Jul 2021 3:36

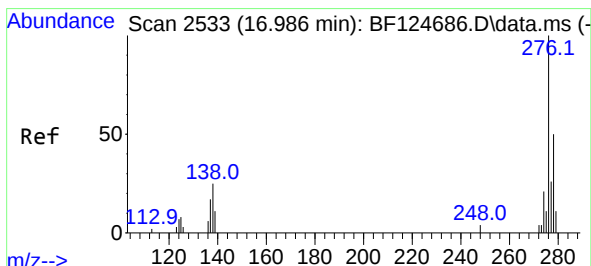
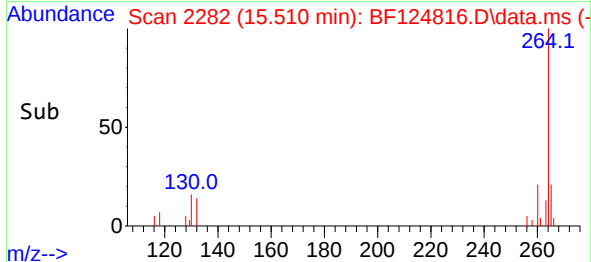
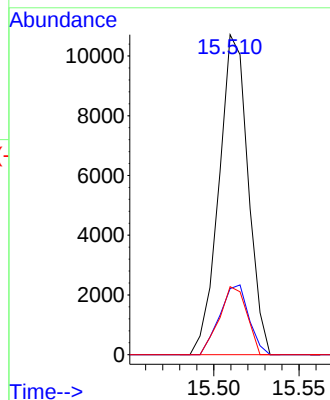
Instrument :
BNA_F
ClientSampleId :
18-B7-TP-(9.5-12)DL



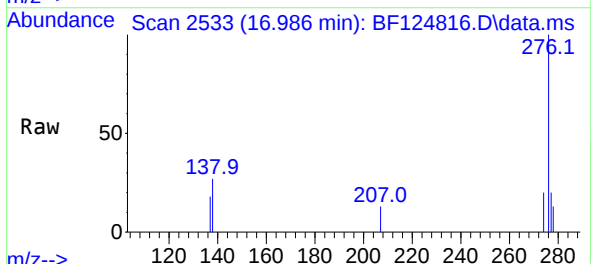
Tgt Ion:264 Resp: 12731
Ion Ratio Lower Upper
264 100
260 20.7 19.6 29.4
265 21.2 17.2 25.8

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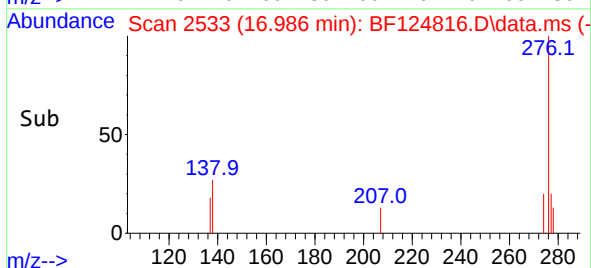
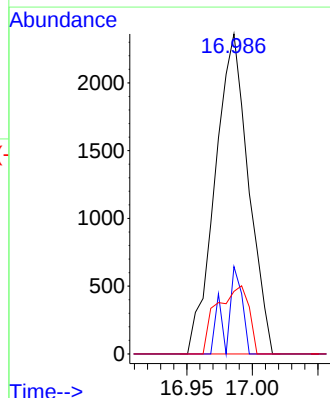
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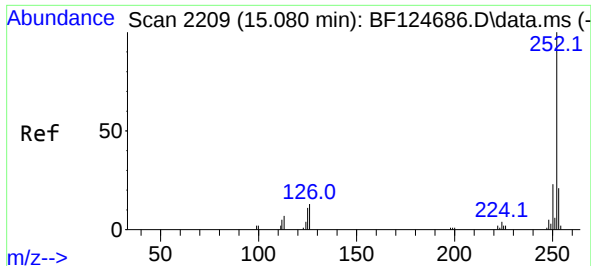


#87
Indeno(1,2,3-cd)pyrene
Concen: 5.682 ng
RT: 16.986 min Scan# 2533
Delta R.T. -0.000 min
Lab File: BF124816.D
Acq: 28 Jul 2021 3:36



Tgt Ion:276 Resp: 4176
Ion Ratio Lower Upper
276 100
138 13.0 24.1 36.1#
277 20.3 18.8 28.2





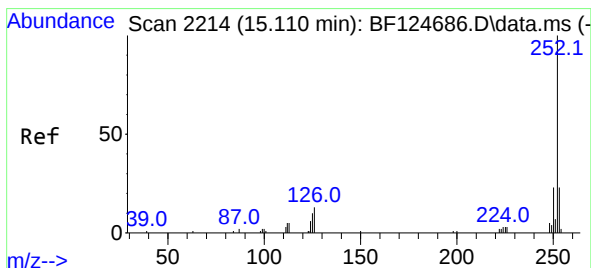
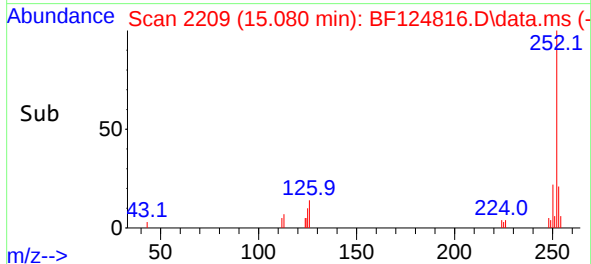
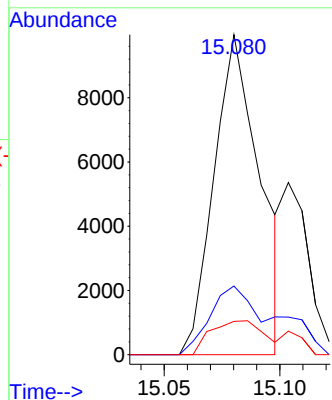
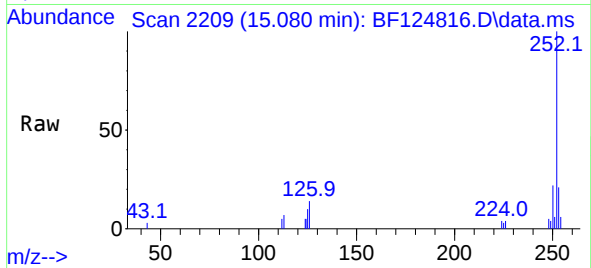
#88
Benzo(b)fluoranthene
Concen: 15.327 ng m
RT: 15.080 min Scan# 2209
Delta R.T. -0.000 min
Lab File: BF124816.D
Acq: 28 Jul 2021 3:36

Tgt Ion:252 Resp: 13738
Ion Ratio Lower Upper
252 100
253 21.4 16.8 25.2
125 10.4 9.8 14.8

Instrument :
BNA_F
ClientSampleId :
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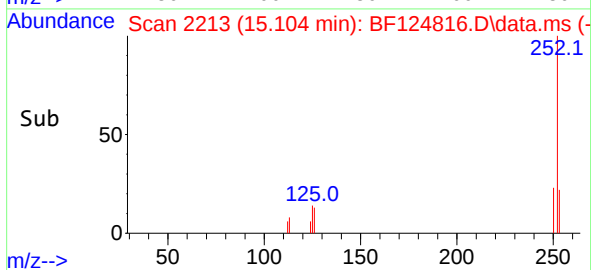
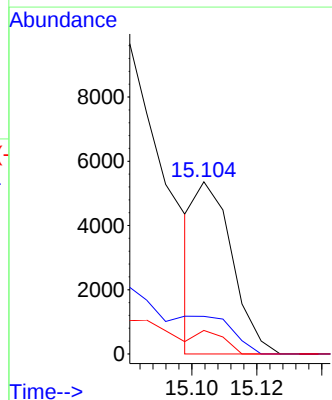
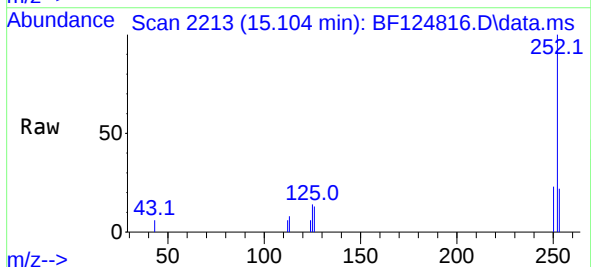
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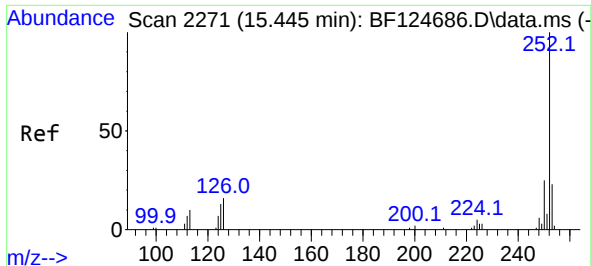
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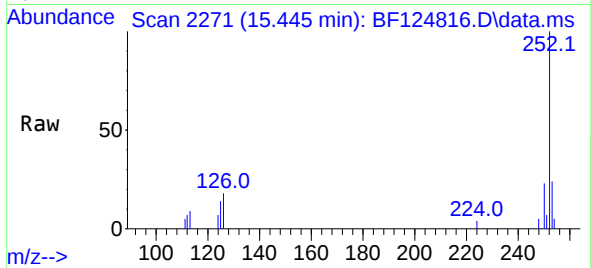
#89
Benzo(k)fluoranthene
Concen: 5.085 ng m
RT: 15.104 min Scan# 2213
Delta R.T. -0.006 min
Lab File: BF124816.D
Acq: 28 Jul 2021 3:36

Tgt Ion:252 Resp: 4165
Ion Ratio Lower Upper
252 100
253 21.8 17.8 26.8
125 13.7 7.2 10.8#

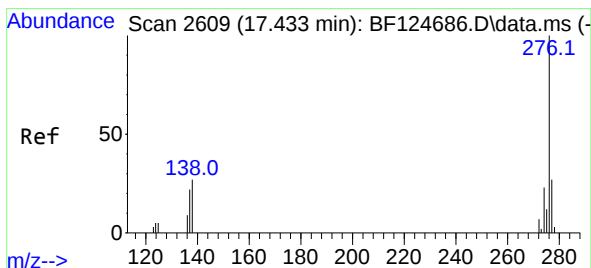
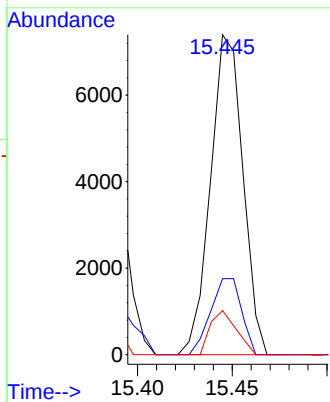
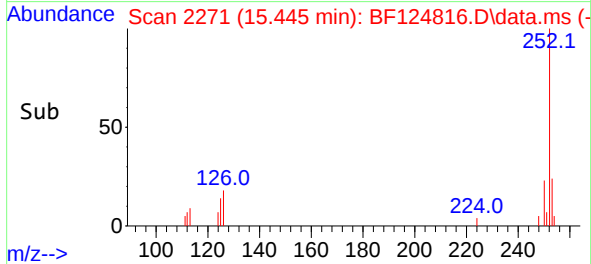




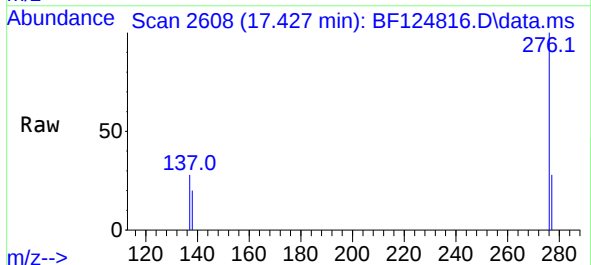
#90
Benzo(a)pyrene
Concen: 11.756 ng
RT: 15.445 min Scan# 2271
Delta R.T. -0.000 min
Lab File: BF124816.D
Acq: 28 Jul 2021 3:36



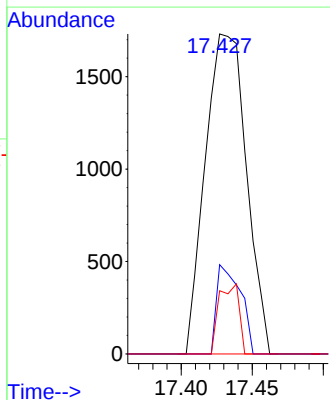
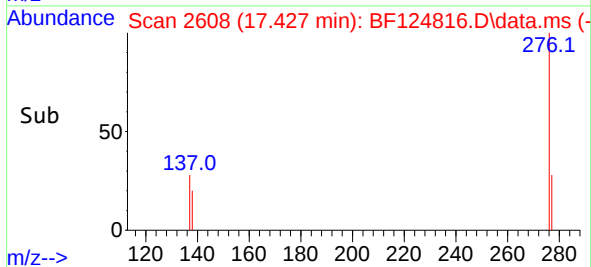
Tgt Ion:	252	Resp:	8803
Ion Ratio	Lower	Upper	
252	100		
253	23.8	18.4	27.6
125	13.8	9.9	14.9



#92
Benzo(g,h,i)perylene
Concen: 5.718 ng
RT: 17.427 min Scan# 2608
Delta R.T. -0.006 min
Lab File: BF124816.D
Acq: 28 Jul 2021 3:36



Tgt Ion:	276	Resp:	3489
Ion Ratio	Lower	Upper	
276	100		
277	27.9	22.0	33.0
138	19.8	22.2	33.4



Instrument :
BNA_F
ClientSampleId :
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