

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050421\
 Data File : BF123819.D
 Acq On : 4 May 2021 20:56
 Operator : JU/CG
 Sample : M2254-01
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-1

Manual Integrations
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mohammad
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Quant Time: May 05 05:13:50 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 04 12:58:27 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.798	152	256319	20.00	ng	-0.01
21) Naphthalene-d8	8.087	136	942677	20.00	ng	-0.01
39) Acenaphthene-d10	9.851	164	360720	20.00	ng	0.00
64) Phenanthrene-d10	11.351	188	497997	20.00	ng	# 0.01
76) Chrysene-d12	13.992	240	467119	20.00	ng	# 0.00
86) Perylene-d12	15.439	264	554353	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	1417117	87.59	ng	0.00
7) Phenol-d6	6.440	99	1884383	84.55	ng	0.00
23) Nitrobenzene-d5	7.363	82	1315537	63.00	ng	-0.01
42) 2,4,6-Tribromophenol	10.645	330	396861	88.38	ng	0.00
45) 2-Fluorobiphenyl	9.163	172	1926406	77.77	ng	-0.01
79) Terphenyl-d14	12.945	244	1376319	56.74	ng	0.02
Target Compounds						Qvalue
71) Phenanthrene	11.375	178	209899	8.04	ng	# 50
72) Anthracene	11.428	178	55212	2.13	ng	# 23
75) Fluoranthene	12.586	202	367339	12.89	ng	92
78) Pyrene	12.804	202	333134	9.19	ng	# 93
81) Benzo(a)anthracene	13.980	228	164823	5.82	ng	# 93
83) Chrysene	14.016	228	162255	5.70	ng	# 94
87) Indeno(1,2,3-cd)pyrene	16.874	276	114746	3.55	ng	98
88) Benzo(b)fluoranthene	15.016	252	239042m	6.40	ng	
89) Benzo(k)fluoranthene	15.039	252	77724m	2.18	ng	
90) Benzo(a)pyrene	15.374	252	175300	5.49	ng	# 87
92) Benzo(g,h,i)perylene	17.304	276	107750	3.95	ng	# 93

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

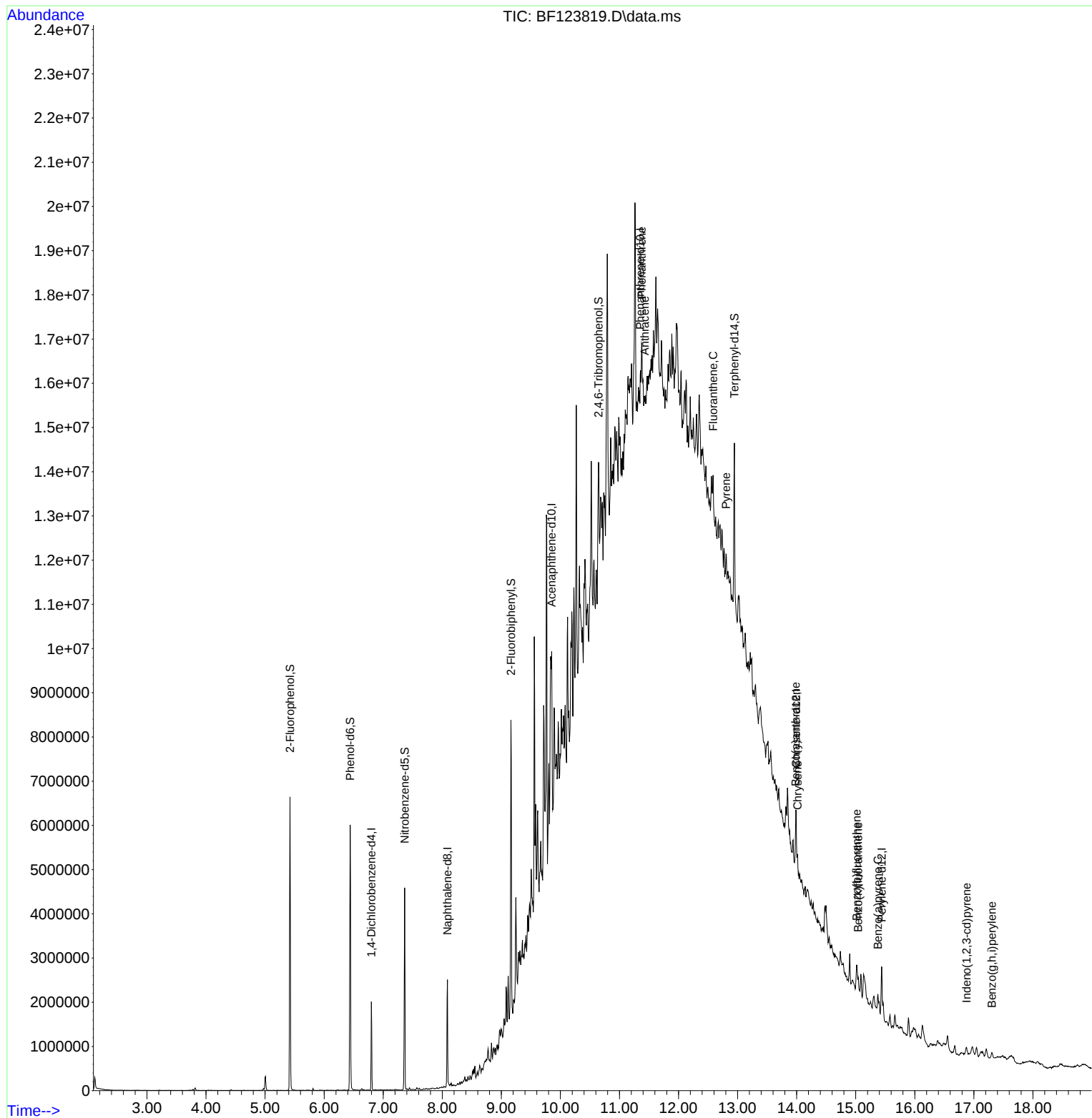
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050421\
Data File : BF123819.D
Acq On : 4 May 2021 20:56
Operator : JU/CG
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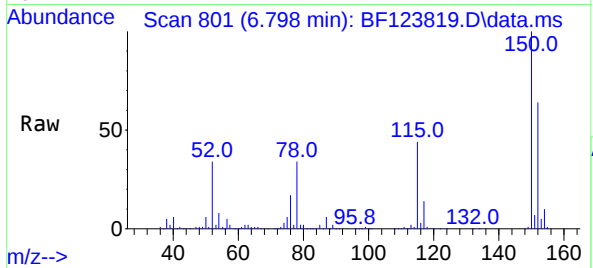
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Quant Time: May 05 05:13:50 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 04 12:58:27 2021
Response via : Initial Calibration

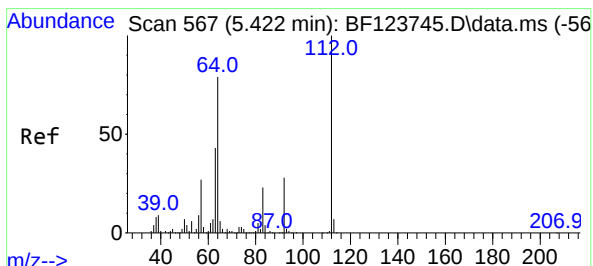
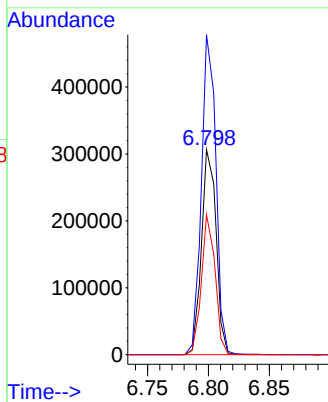
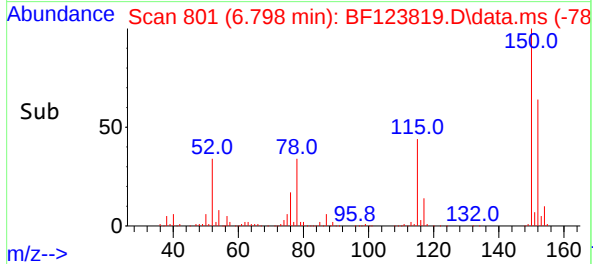




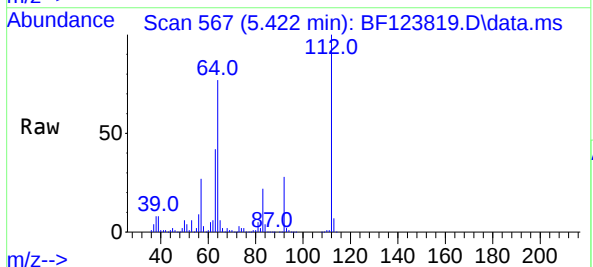
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.798 min Scan# 801
Delta R.T. -0.012 min
Lab File: BF123819.D
Acq: 4 May 2021 20:56



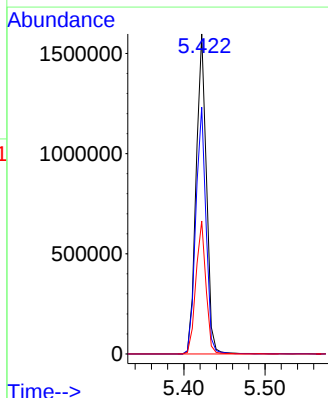
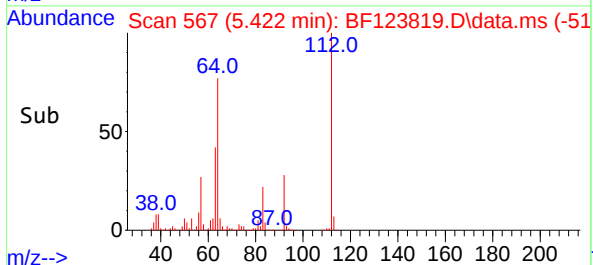
Tgt Ion:152 Resp: 256319
Ion Ratio Lower Upper
152 100
150 156.0 127.0 190.6
115 68.3 54.3 81.5



#5
2-Fluorophenol
Concen: 87.59 ng
RT: 5.422 min Scan# 567
Delta R.T. 0.000 min
Lab File: BF123819.D
Acq: 4 May 2021 20:56



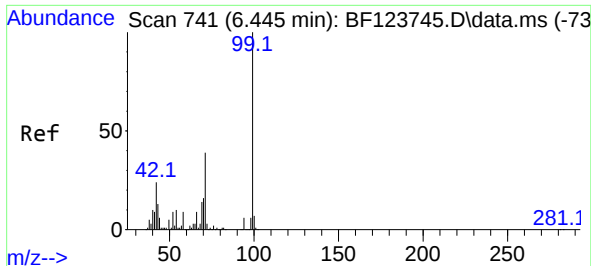
Tgt Ion:112 Resp: 1417117
Ion Ratio Lower Upper
112 100
64 77.1 61.4 92.0
63 41.6 33.0 49.4



Instrument :
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#7
Phenol-d6
Concen: 84.55 ng
RT: 6.440 min Scan# 740
Delta R.T. -0.006 min
Lab File: BF123819.D
Acq: 4 May 2021 20:56

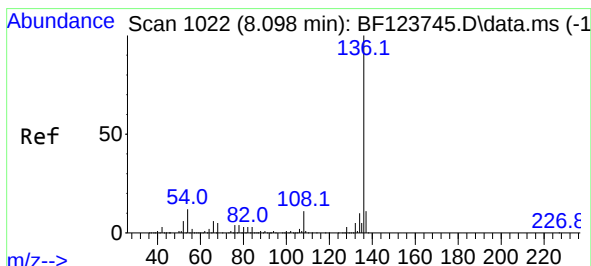
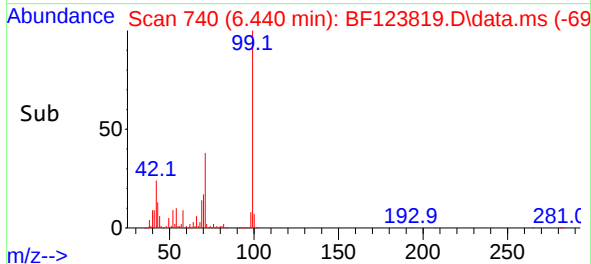
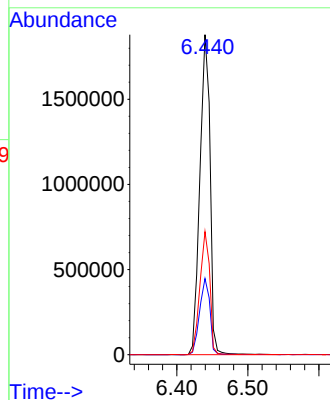
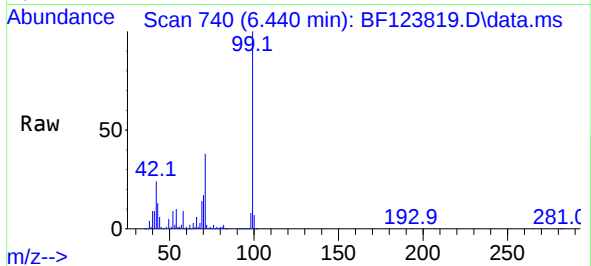
Tgt Ion: 99 Resp: 1884383

Ion	Ratio	Lower	Upper
99	100		
42	23.8	19.8	29.8
71	38.5	31.1	46.7

Instrument :
BNA_F
ClientSampleId :
TP-1

Manual Integrations
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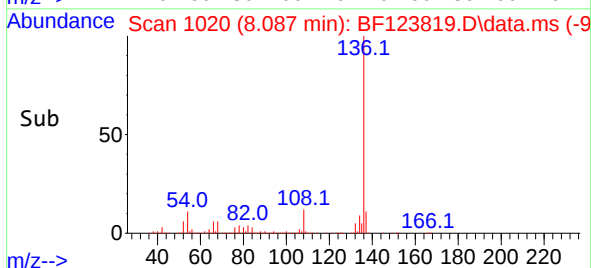
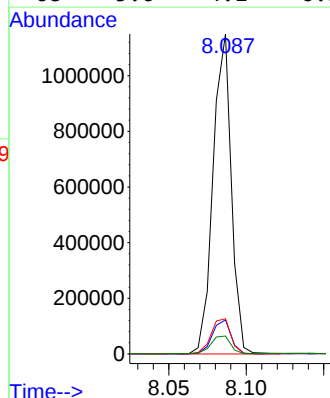
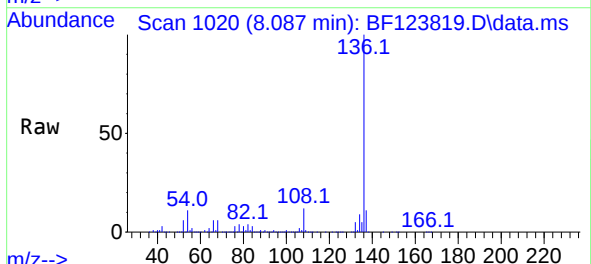
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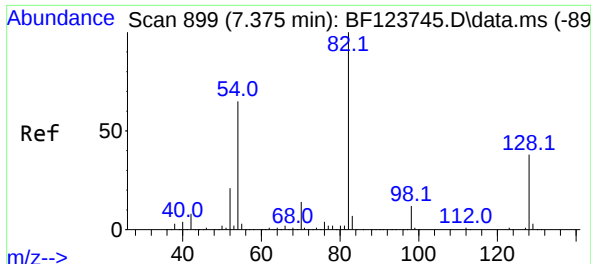


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.087 min Scan# 1020
Delta R.T. -0.011 min
Lab File: BF123819.D
Acq: 4 May 2021 20:56

Tgt Ion: 136 Resp: 942677

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.7	13.1
54	11.0	9.8	14.6
68	5.6	4.1	6.1





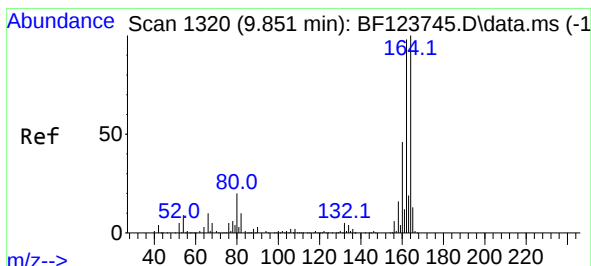
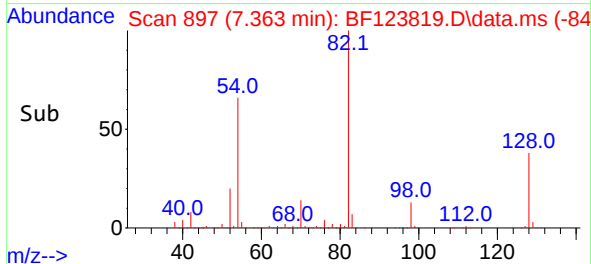
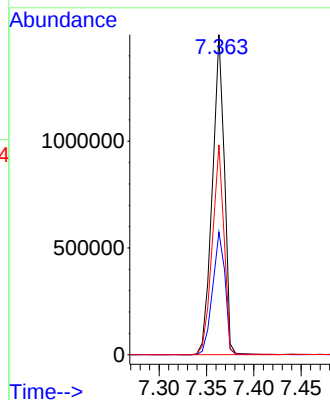
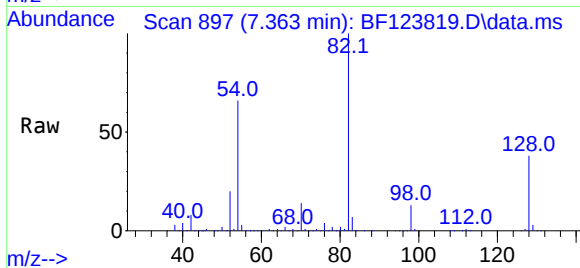
#23
Nitrobenzene-d5
Concen: 63.00 ng
RT: 7.363 min Scan# 897
Delta R.T. -0.012 min
Lab File: BF123819.D
Acq: 4 May 2021 20:56

Tgt Ion: 82 Resp: 1315537
Ion Ratio Lower Upper
82 100
128 38.3 29.4 44.2
54 65.6 54.1 81.1

Instrument :
BNA_F
ClientSampleId :
TP-1

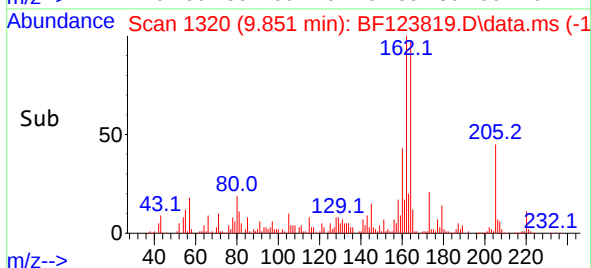
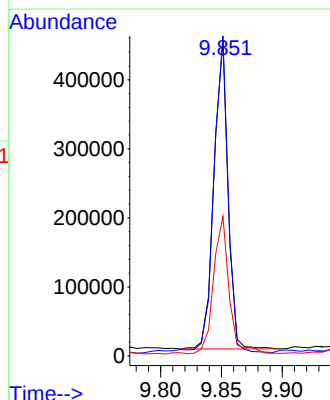
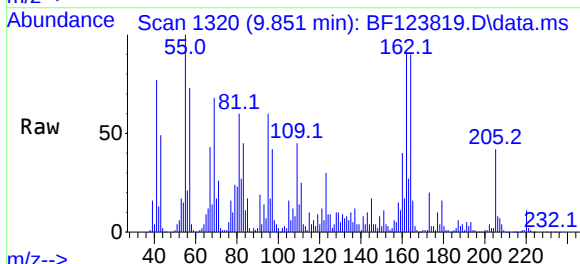
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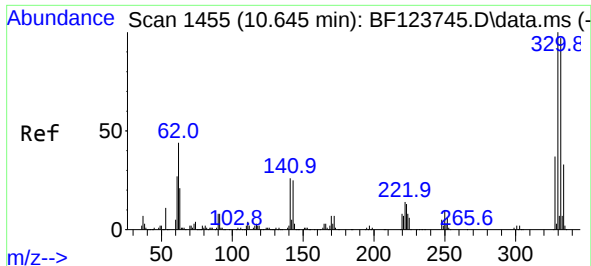
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#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.851 min Scan# 1320
Delta R.T. 0.000 min
Lab File: BF123819.D
Acq: 4 May 2021 20:56

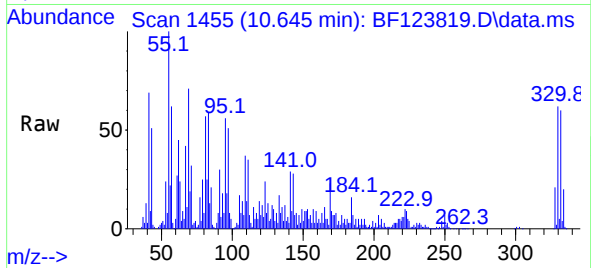
Tgt Ion:164 Resp: 360720
Ion Ratio Lower Upper
164 100
162 101.4 80.7 121.1
160 44.3 37.3 55.9





#42
2,4,6-Tribromophenol
Concen: 88.38 ng
RT: 10.645 min Scan# 1455
Delta R.T. 0.000 min
Lab File: BF123819.D
Acq: 4 May 2021 20:56

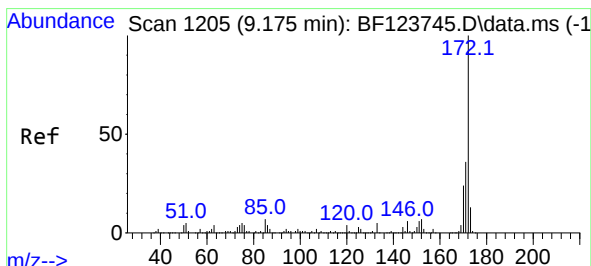
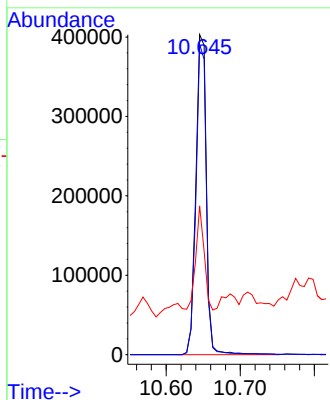
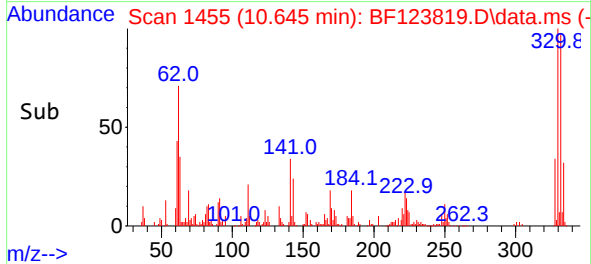
Instrument :
BNA_F
ClientSampled :
TP-1



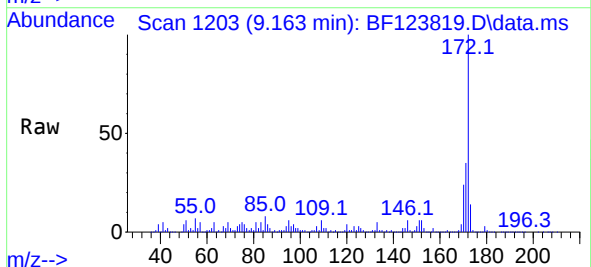
Tgt Ion:330 Resp: 396861
Ion Ratio Lower Upper
330 100
332 95.2 77.1 115.7
141 25.6 27.9 41.9#

Manual Integrations
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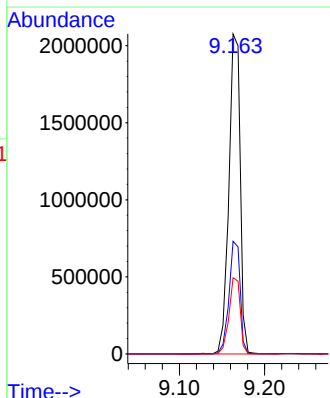
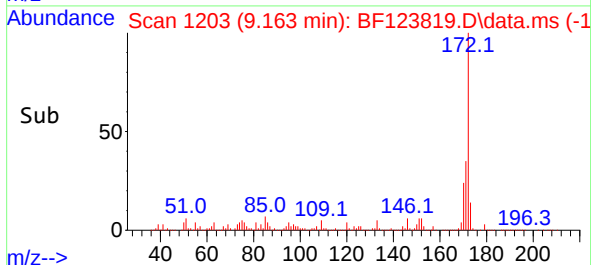
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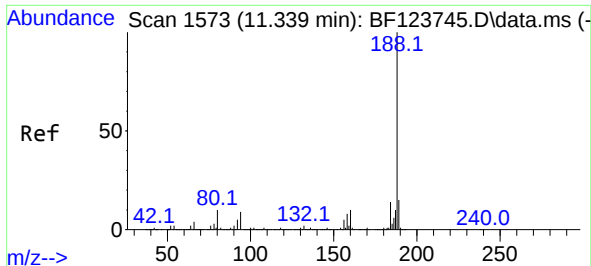


#45
2-Fluorobiphenyl
Concen: 77.77 ng
RT: 9.163 min Scan# 1203
Delta R.T. -0.012 min
Lab File: BF123819.D
Acq: 4 May 2021 20:56



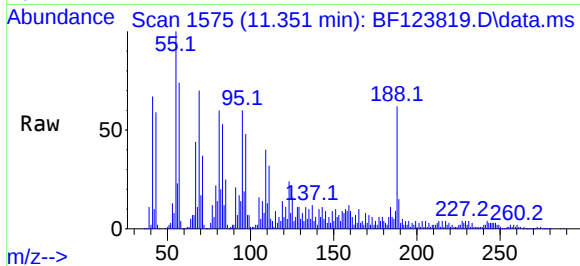
Tgt Ion:172 Resp: 1926406
Ion Ratio Lower Upper
172 100
171 35.2 28.1 42.1
170 23.8 19.2 28.8





#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.351 min Scan# 1575
Delta R.T. 0.012 min
Lab File: BF123819.D
Acq: 4 May 2021 20:56

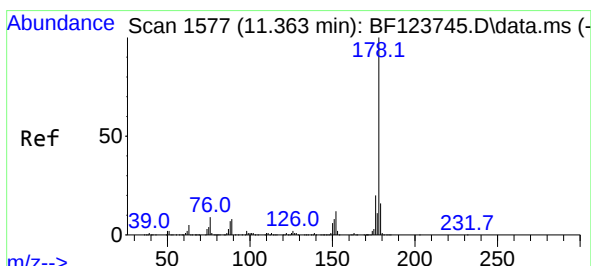
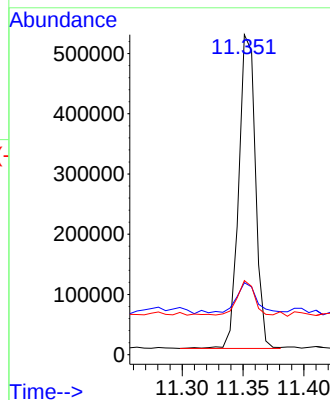
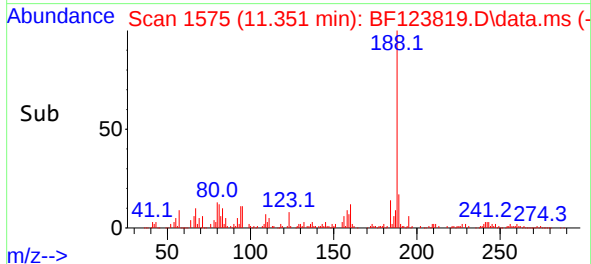
Instrument :
BNA_F
ClientSampleId :
TP-1



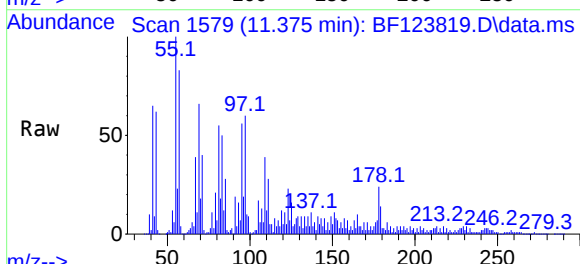
Tgt Ion:188 Resp: 497997
Ion Ratio Lower Upper
188 100
94 22.5 6.9 10.3#
80 23.2 8.2 12.2#

Manual Integrations
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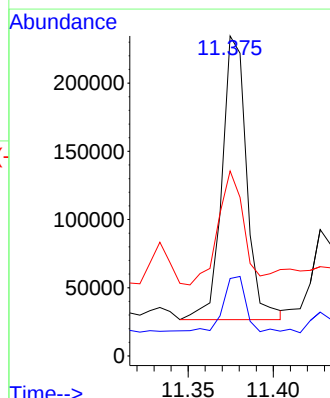
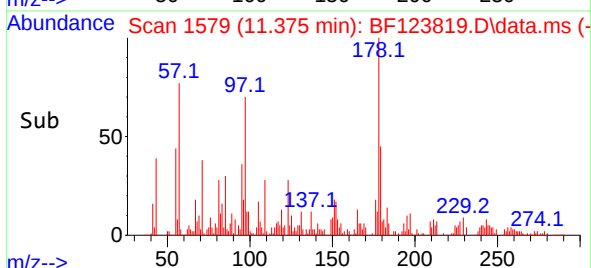
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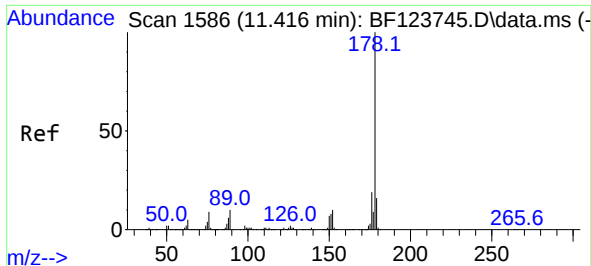


#71
Phenanthrene
Concen: 8.04 ng
RT: 11.375 min Scan# 1579
Delta R.T. 0.012 min
Lab File: BF123819.D
Acq: 4 May 2021 20:56



Tgt Ion:178 Resp: 209899
Ion Ratio Lower Upper
178 100
176 24.2 15.6 23.4#
179 57.8 12.5 18.7#





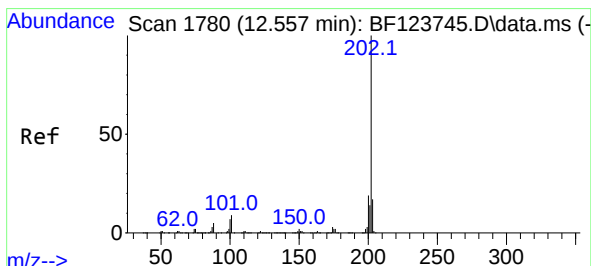
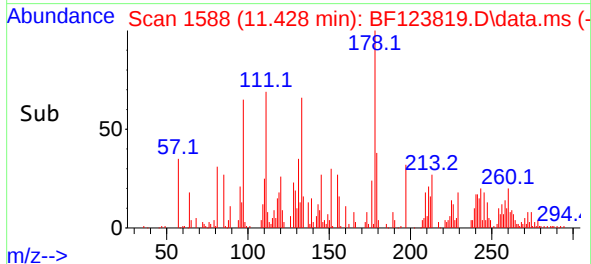
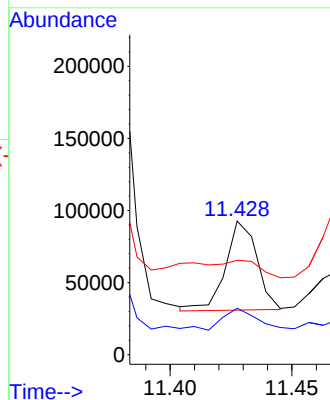
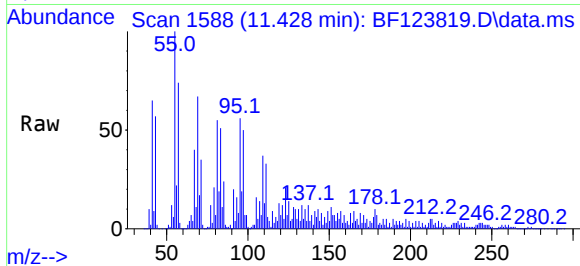
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 Anthracene
 Concen: 2.13 ng
 RT: 11.428 min Scan# 1588
 Delta R.T. 0.012 min
 Lab File: BF123819.D
 Acq: 4 May 2021 20:56

Tgt Ion:178 Resp: 55212
 Ion Ratio Lower Upper
 178 100
 176 34.7 15.4 23.0#
 179 70.7 12.6 18.8#

Instrument :
 BNA_F
 ClientSampled :
 TP-1

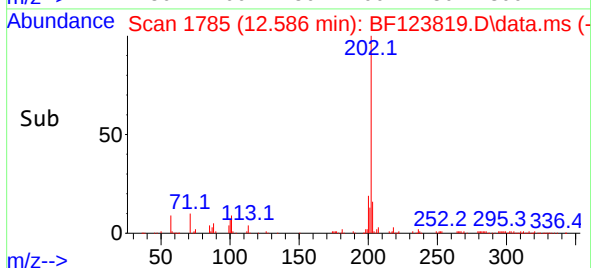
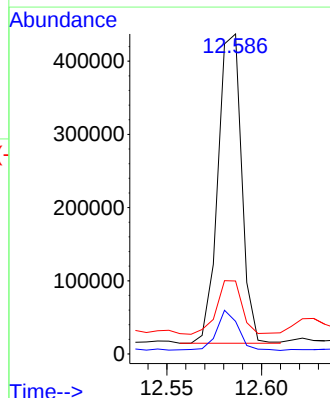
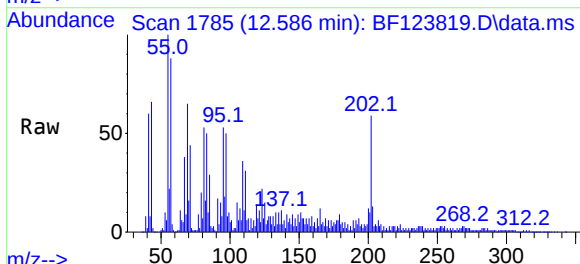
Manual Integrations
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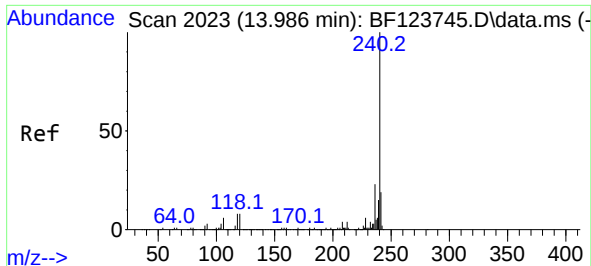
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#75
 Fluoranthene
 Concen: 12.89 ng
 RT: 12.586 min Scan# 1785
 Delta R.T. 0.029 min
 Lab File: BF123819.D
 Acq: 4 May 2021 20:56

Tgt Ion:202 Resp: 367339
 Ion Ratio Lower Upper
 202 100
 101 10.2 0.0 30.9
 203 22.8 0.0 37.5





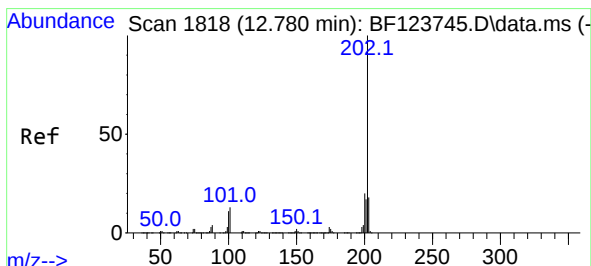
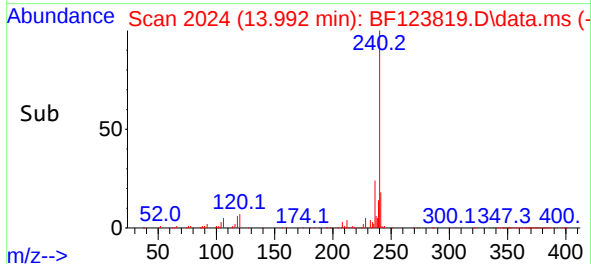
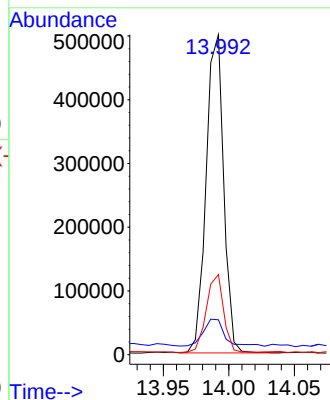
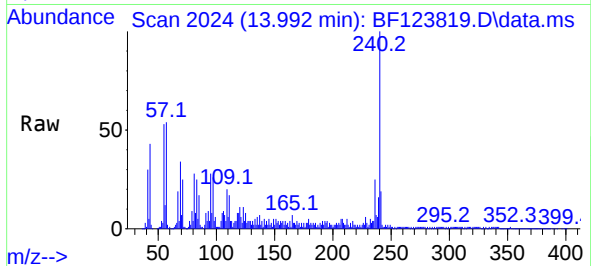
#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.992 min Scan# 2024
Delta R.T. 0.006 min
Lab File: BF123819.D
Acq: 4 May 2021 20:56

Tgt Ion:240 Resp: 467119
Ion Ratio Lower Upper
240 100
120 10.9 7.2 10.8#
236 25.0 19.0 28.4

Instrument :
BNA_F
ClientSampled :
TP-1

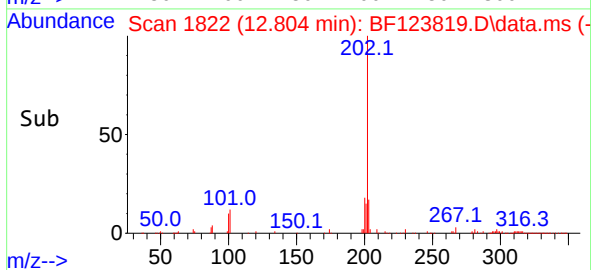
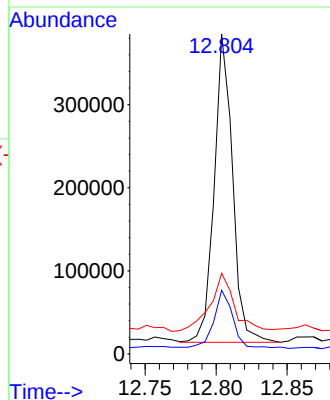
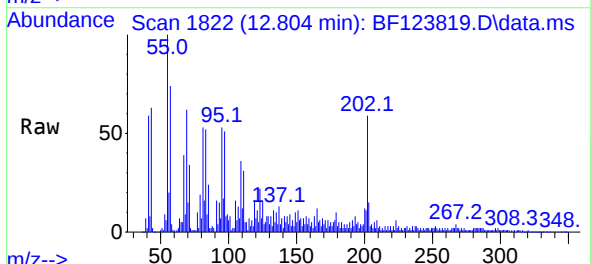
Manual Integrations
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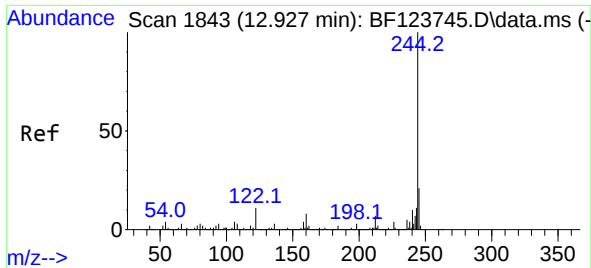
mohammad
5/5/2021 11:25:21 AM



#78
Pyrene
Concen: 9.19 ng
RT: 12.804 min Scan# 1822
Delta R.T. 0.024 min
Lab File: BF123819.D
Acq: 4 May 2021 20:56

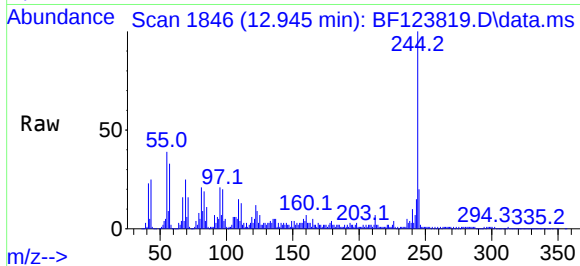
Tgt Ion:202 Resp: 333134
Ion Ratio Lower Upper
202 100
200 19.9 16.1 24.1
203 25.2 14.8 22.2#





#79
Terphenyl-d14
Concen: 56.74 ng
RT: 12.945 min Scan# 1846
Delta R.T. 0.018 min
Lab File: BF123819.D
Acq: 4 May 2021 20:56

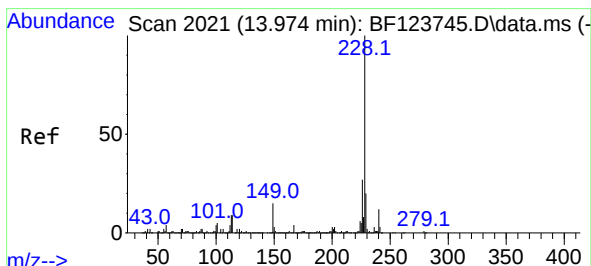
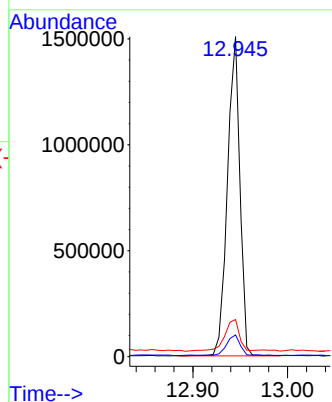
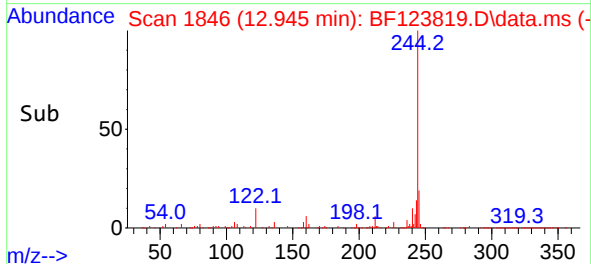
Instrument :
BNA_F
ClientSampled :
TP-1



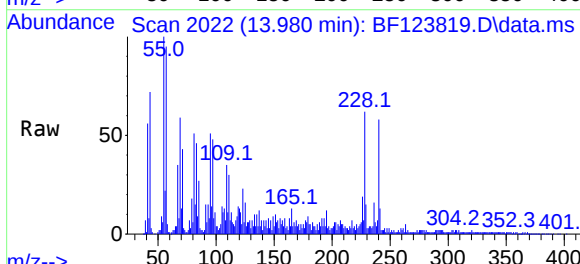
Tgt Ion:244 Resp: 1376319
Ion Ratio Lower Upper
244 100
212 6.8 5.7 8.5
122 11.6 9.7 14.5

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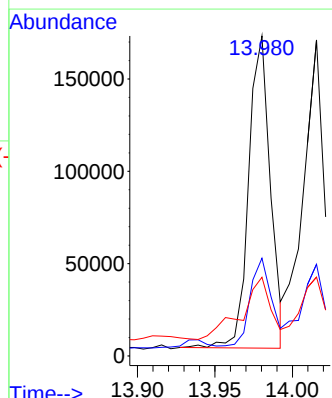
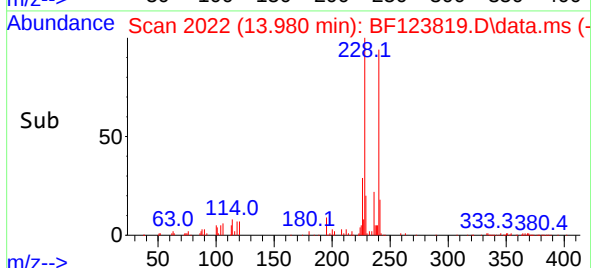
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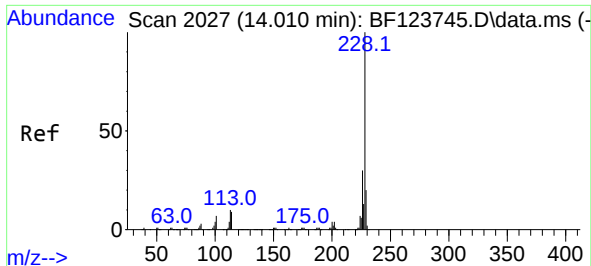


#81
Benzo(a)anthracene
Concen: 5.82 ng
RT: 13.980 min Scan# 2022
Delta R.T. 0.006 min
Lab File: BF123819.D
Acq: 4 May 2021 20:56

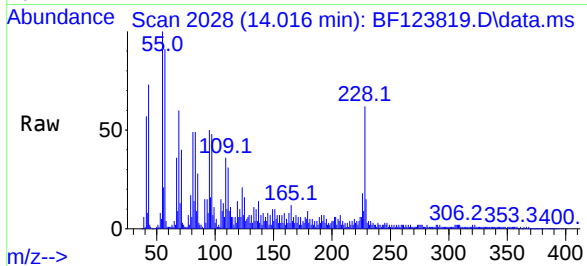


Tgt Ion:228 Resp: 164823
Ion Ratio Lower Upper
228 100
226 30.5 22.4 33.6
229 24.6 16.0 24.0#

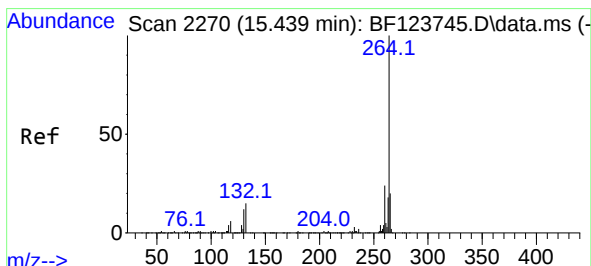
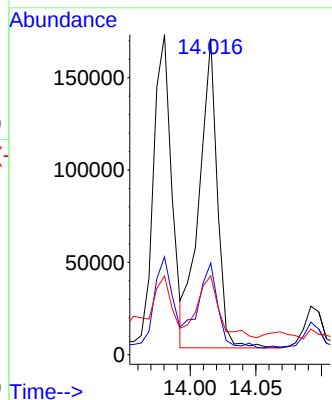
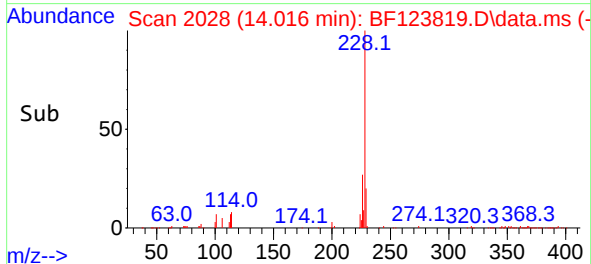




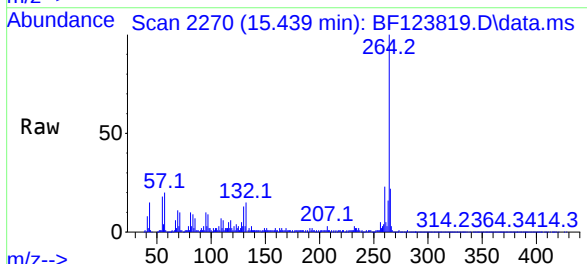
#83
Chrysene
Concen: 5.70 ng
RT: 14.016 min Scan# 2028
Delta R.T. 0.006 min
Lab File: BF123819.D
Acq: 4 May 2021 20:56



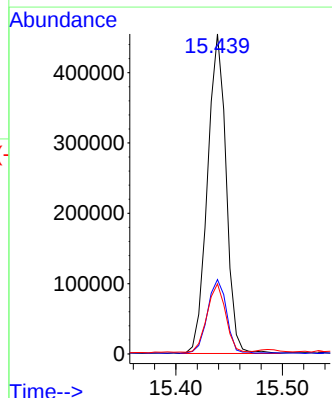
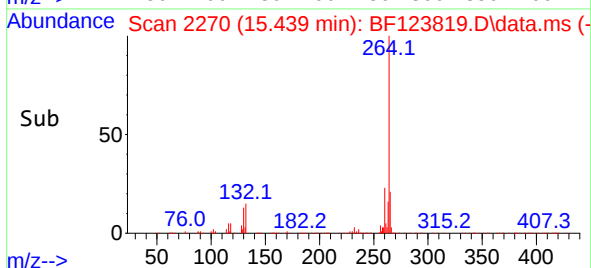
Tgt Ion:228 Resp: 162255
Ion Ratio Lower Upper
228 100
226 29.0 24.3 36.5
229 25.0 16.2 24.2#



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.439 min Scan# 2270
Delta R.T. 0.000 min
Lab File: BF123819.D
Acq: 4 May 2021 20:56



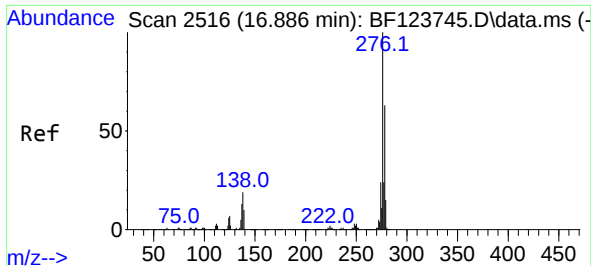
Tgt Ion:264 Resp: 554353
Ion Ratio Lower Upper
264 100
260 23.3 18.7 28.1
265 21.9 17.8 26.8



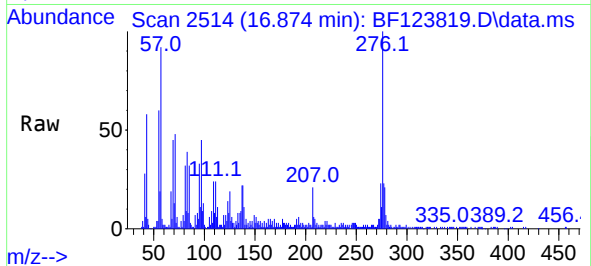
Instrument :
BNA_F
ClientSampleId :
TP-1

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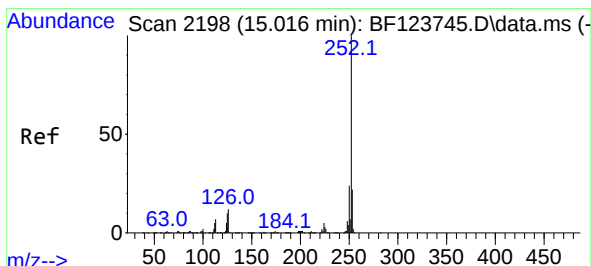
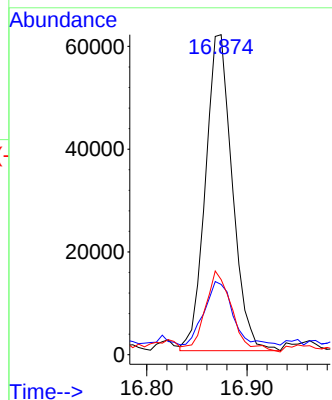
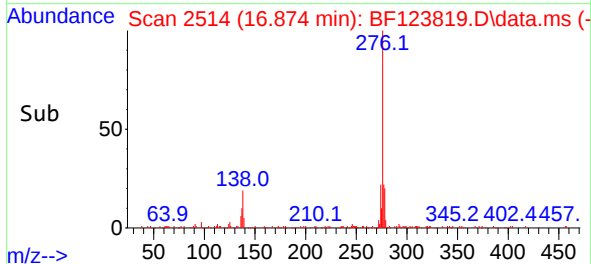
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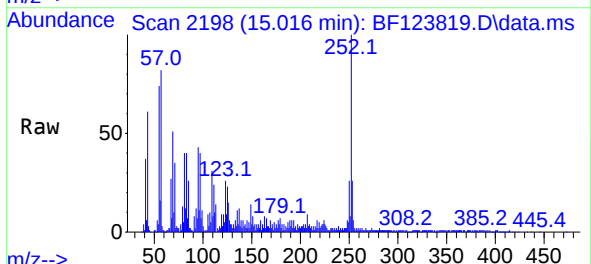
#87
Indeno(1,2,3-cd)pyrene
Concen: 3.55 ng
RT: 16.874 min Scan# 2514
Delta R.T. -0.012 min
Lab File: BF123819.D
Acq: 4 May 2021 20:56



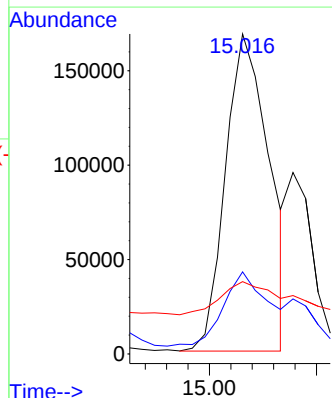
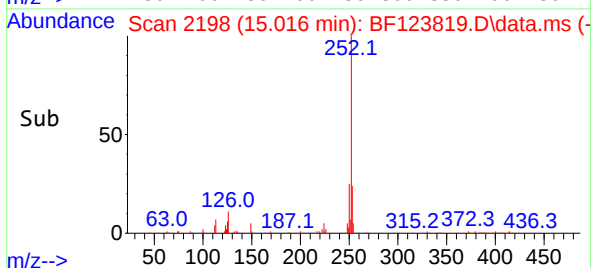
Tgt Ion:276 Resp: 114746
Ion Ratio Lower Upper
276 100
138 21.1 16.2 24.2
277 25.8 20.1 30.1



#88
Benzo(b)fluoranthene
Concen: 6.40 ng m
RT: 15.016 min Scan# 2198
Delta R.T. 0.000 min
Lab File: BF123819.D
Acq: 4 May 2021 20:56



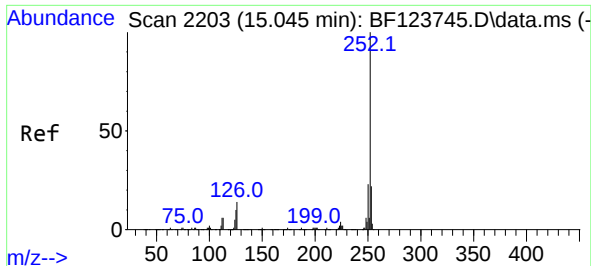
Tgt Ion:252 Resp: 239042
Ion Ratio Lower Upper
252 100
253 25.7 18.1 27.1
125 22.6 6.2 9.4#



Instrument :
BNA_F
ClientSampled :
TP-1

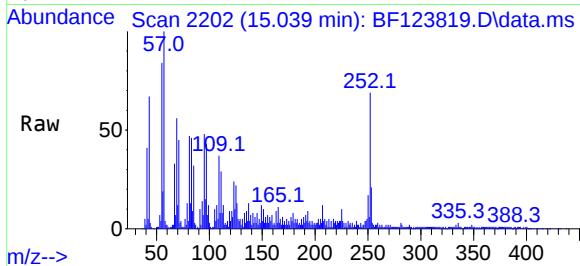
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#89
Benzo(k)fluoranthene
Concen: 2.18 ng m
RT: 15.039 min Scan# 2202
Delta R.T. -0.006 min
Lab File: BF123819.D
Acq: 4 May 2021 20:56

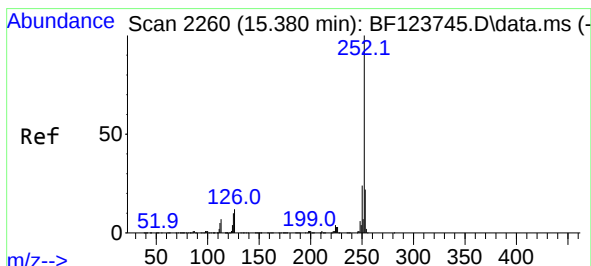
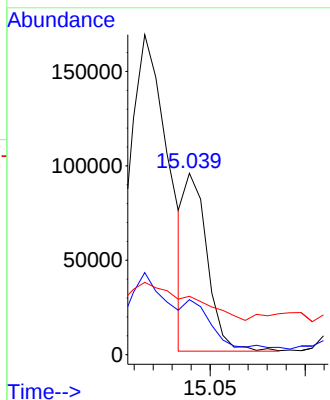
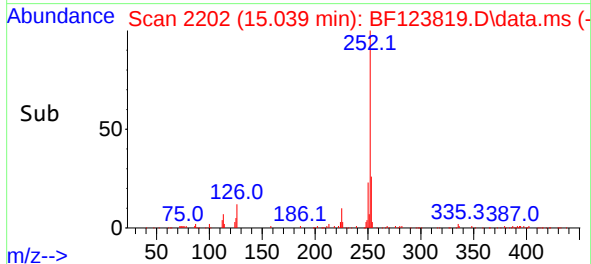
Instrument :
BNA_F
ClientSampleId :
TP-1



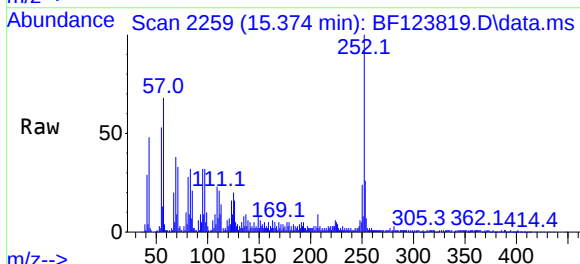
Tgt Ion:252 Resp: 77724
Ion Ratio Lower Upper
252 100
253 30.3 17.9 26.9#
125 32.2 7.0 10.6#

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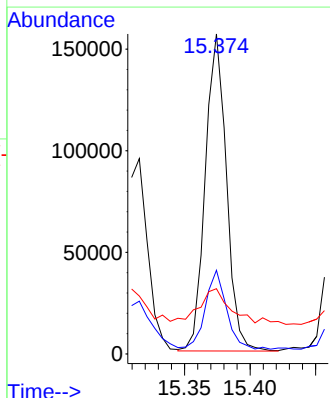
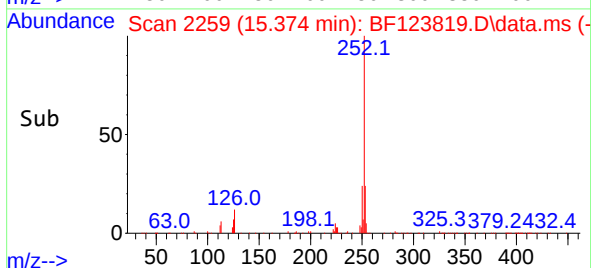
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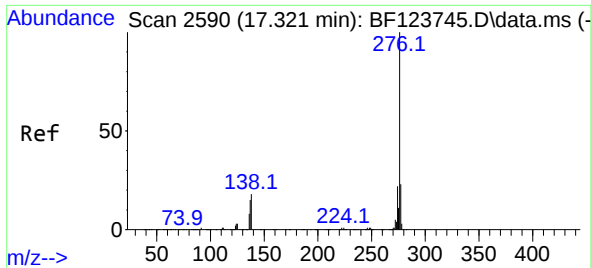


#90
Benzo(a)pyrene
Concen: 5.49 ng
RT: 15.374 min Scan# 2259
Delta R.T. -0.006 min
Lab File: BF123819.D
Acq: 4 May 2021 20:56



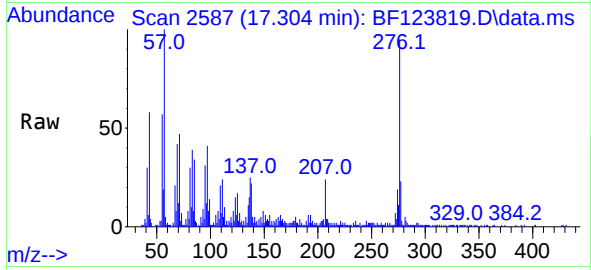
Tgt Ion:252 Resp: 175300
Ion Ratio Lower Upper
252 100
253 26.1 18.4 27.6
125 20.4 8.0 12.0#





#92
Benzo(g,h,i)perylene
Concen: 3.95 ng
RT: 17.304 min Scan# 2587
Delta R.T. -0.018 min
Lab File: BF123819.D
Acq: 4 May 2021 20:56

Instrument :
BNA_F
ClientSampleId :
TP-1



Tgt Ion:276 Resp: 107750
Ion Ratio Lower Upper
276 100
277 24.0 18.2 27.2
138 22.9 13.8 20.6#

Manual Integrations
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