

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042121\
 Data File : BF123680.D
 Acq On : 21 Apr 2021 22:17
 Operator : JU/CG
 Sample : M2090-13 5X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SEDGWICK-COMP-3

Manual Integrations
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Quant Time: Apr 22 00:57:11 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF041521.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 20 15:49:40 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.851	152	242181	20.00	ng	0.00
21) Naphthalene-d8	8.139	136	895126	20.00	ng	0.00
39) Acenaphthene-d10	9.898	164	393147	20.00	ng	0.00
64) Phenanthrene-d10	11.386	188	593066	20.00	ng	0.00
76) Chrysene-d12	14.033	240	490288	20.00	ng	# 0.00
86) Perylene-d12	15.521	264	389851	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	266840	17.81	ng	0.00
7) Phenol-d6	6.481	99	389222	18.75	ng	-0.01
23) Nitrobenzene-d5	7.410	82	266082	13.67	ng	0.00
42) 2,4,6-Tribromophenol	10.686	330	40373	9.07	ng	0.00
45) 2-Fluorobiphenyl	9.216	172	407749	15.46	ng	0.00
79) Terphenyl-d14	12.974	244	279736	11.09	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	11.410	178	86746	2.80	ng	95
75) Fluoranthene	12.604	202	194086	5.71	ng	97
78) Pyrene	12.833	202	204738	5.72	ng	98
81) Benzo(a)anthracene	14.021	228	113624	3.78	ng	93
83) Chrysene	14.057	228	105711	3.50	ng	97
87) Indeno(1,2,3-cd)pyrene	16.998	276	45277	2.18	ng	# 95
88) Benzo(b)fluoranthene	15.086	252	129553m	4.71	ng	
90) Benzo(a)pyrene	15.456	252	89742	4.10	ng	# 90
92) Benzo(g,h,i)perylene	17.445	276	50154	2.91	ng	# 78

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

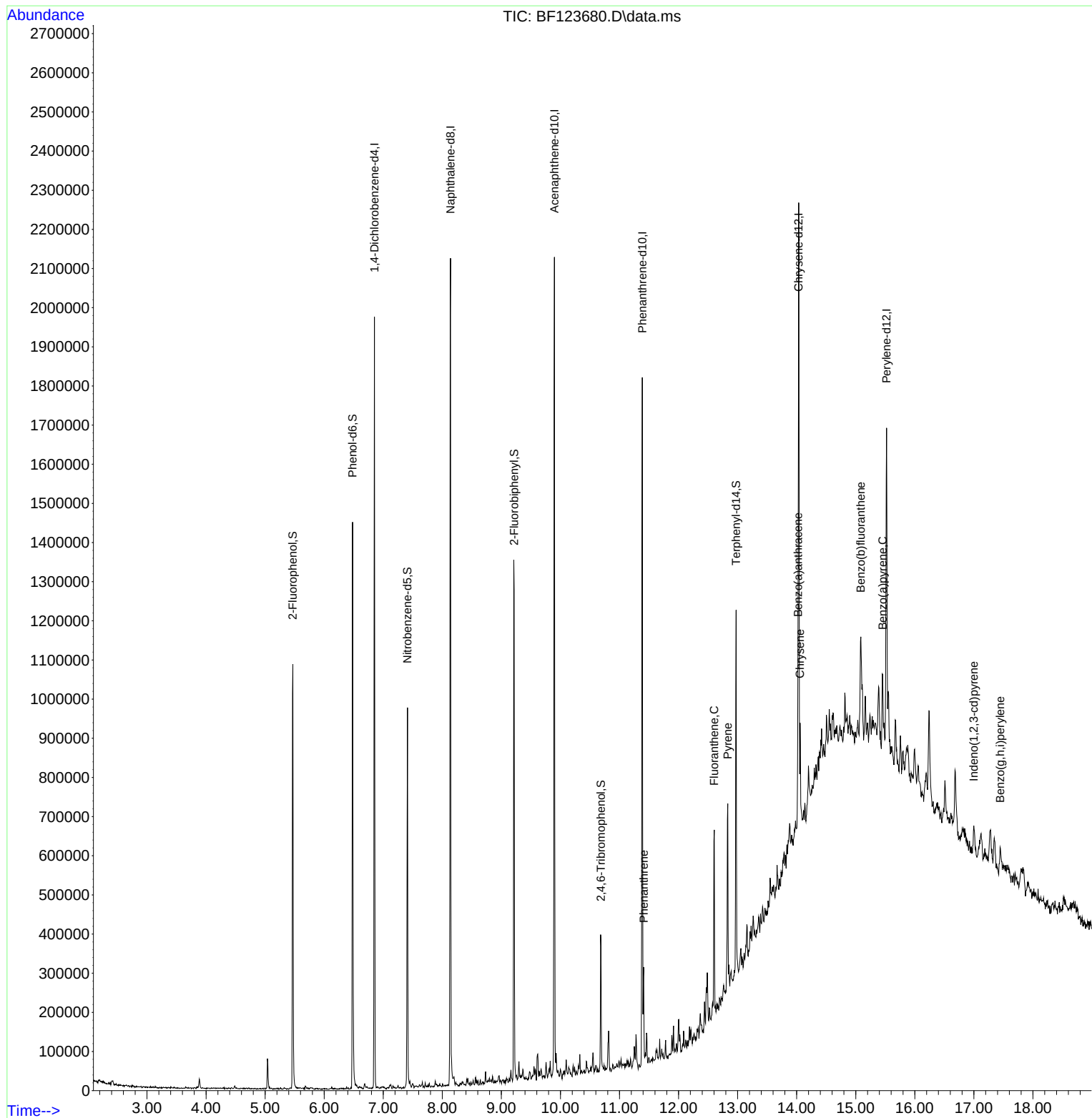
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042121\
Data File : BF123680.D
Acq On : 21 Apr 2021 22:17
Operator : JU/CG
Sample : M2090-13 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

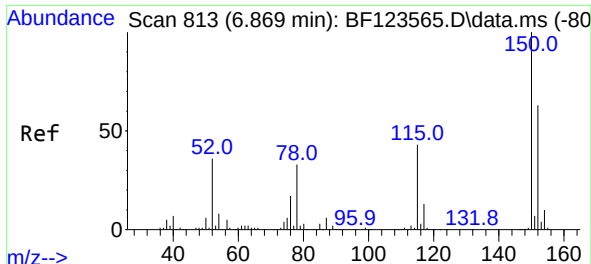
Instrument :
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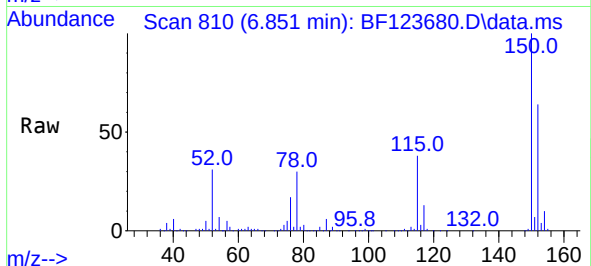
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Quant Time: Apr 22 00:57:11 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF041521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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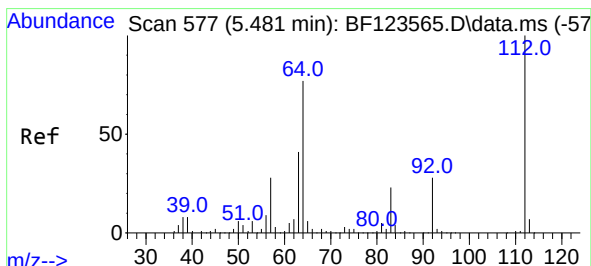
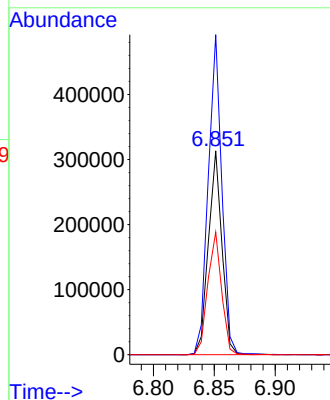
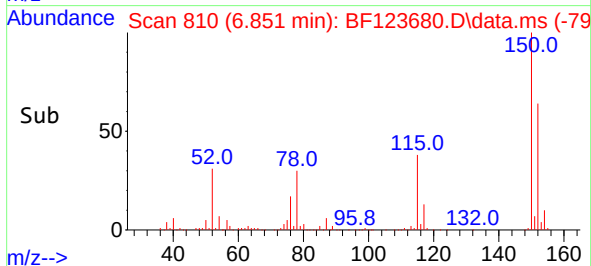




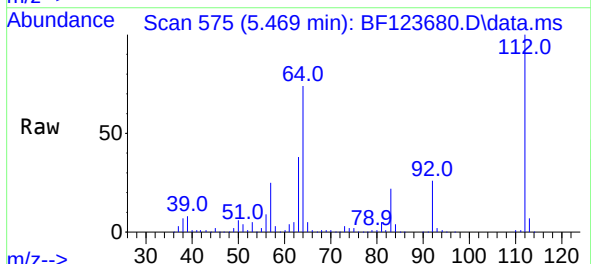
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.851 min Scan# 810
Delta R.T. 0.000 min
Lab File: BF123680.D
Acq: 21 Apr 2021 22:17



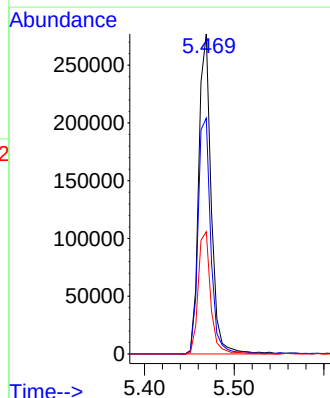
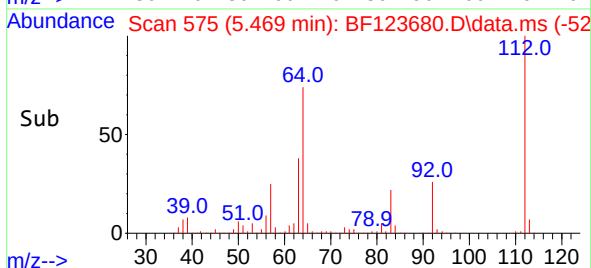
Tgt Ion:152 Resp: 242181
Ion Ratio Lower Upper
152 100
150 157.0 127.0 190.6
115 60.1 54.3 81.5



#5
2-Fluorophenol
Concen: 17.81 ng
RT: 5.469 min Scan# 575
Delta R.T. -0.000 min
Lab File: BF123680.D
Acq: 21 Apr 2021 22:17



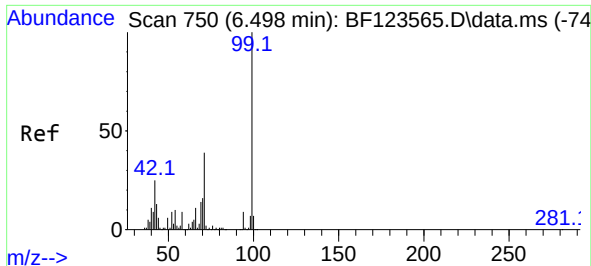
Tgt Ion:112 Resp: 266840
Ion Ratio Lower Upper
112 100
64 73.7 61.4 92.0
63 38.2 33.0 49.4



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#7
Phenol-d6
Concen: 18.75 ng
RT: 6.481 min Scan# 747
Delta R.T. -0.012 min
Lab File: BF123680.D
Acq: 21 Apr 2021 22:17

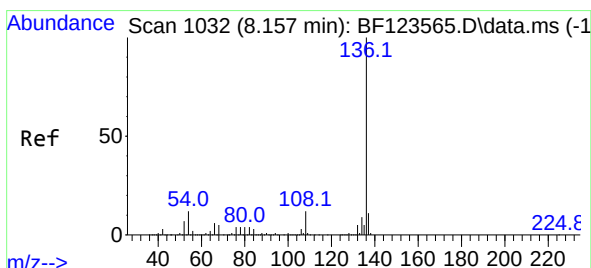
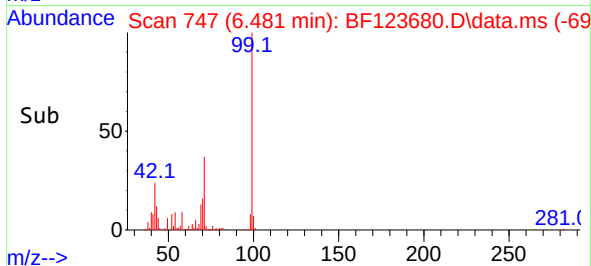
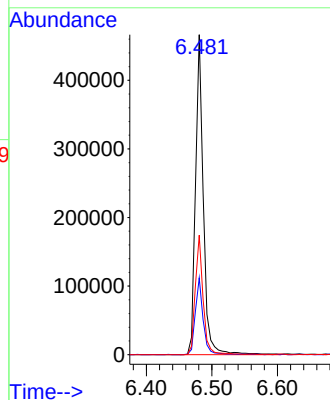
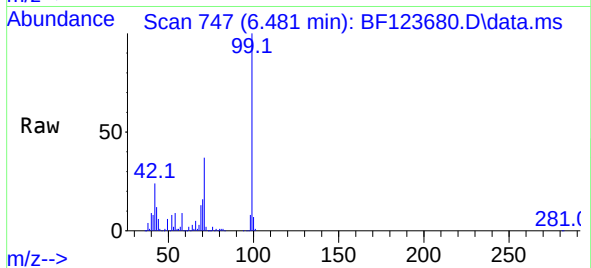
Tgt Ion: 99 Resp: 389222

Ion	Ratio	Lower	Upper
99	100		
42	24.0	19.8	29.8
71	37.3	31.1	46.7

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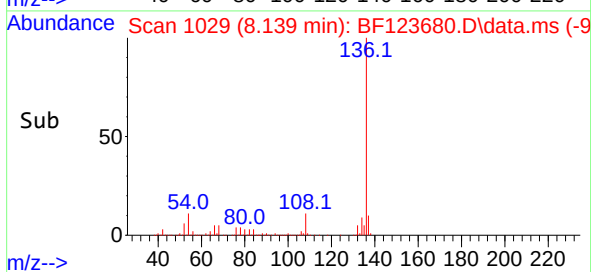
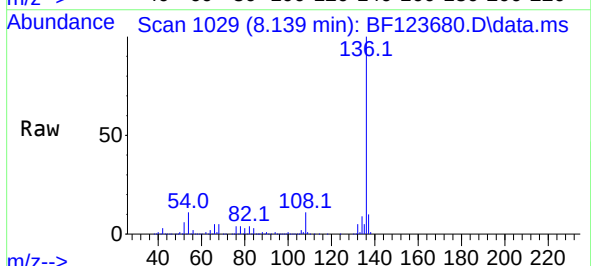
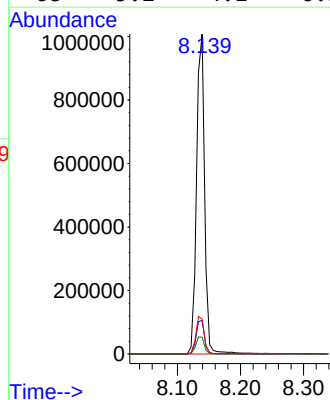
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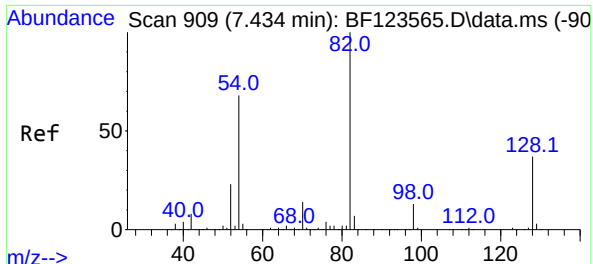


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.139 min Scan# 1029
Delta R.T. -0.000 min
Lab File: BF123680.D
Acq: 21 Apr 2021 22:17

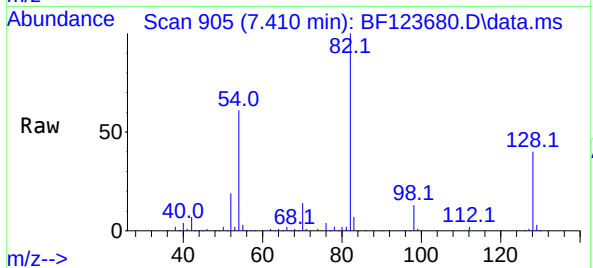
Tgt Ion: 136 Resp: 895126

Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.7	13.1
54	10.9	9.8	14.6
68	5.2	4.1	6.1

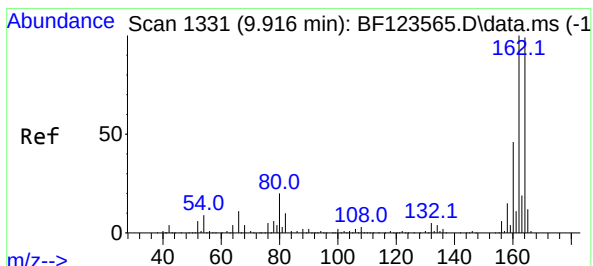
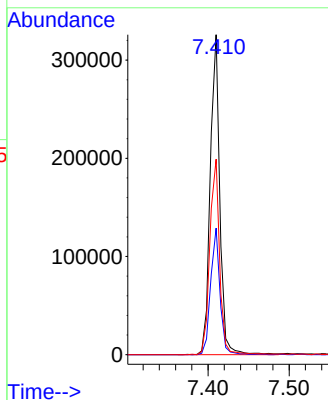
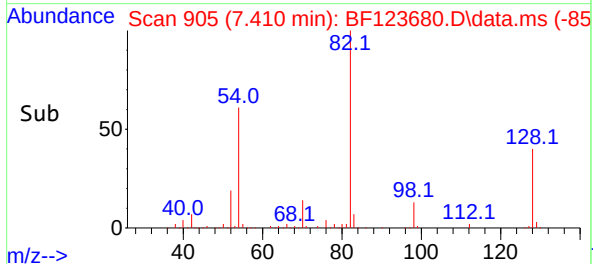




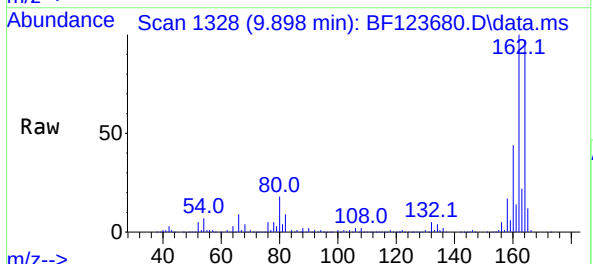
#23
Nitrobenzene-d5
Concen: 13.67 ng
RT: 7.410 min Scan# 905
Delta R.T. -0.006 min
Lab File: BF123680.D
Acq: 21 Apr 2021 22:17



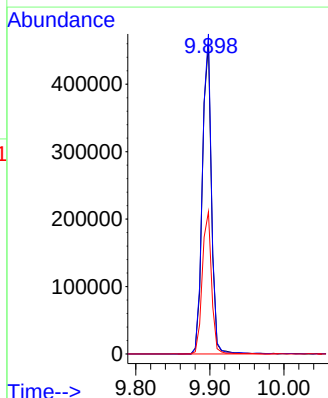
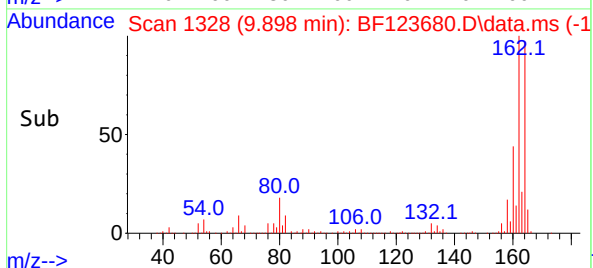
Tgt Ion: 82 Resp: 266082
Ion Ratio Lower Upper
82 100
128 39.5 29.4 44.2
54 61.1 54.1 81.1



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.898 min Scan# 1328
Delta R.T. -0.000 min
Lab File: BF123680.D
Acq: 21 Apr 2021 22:17



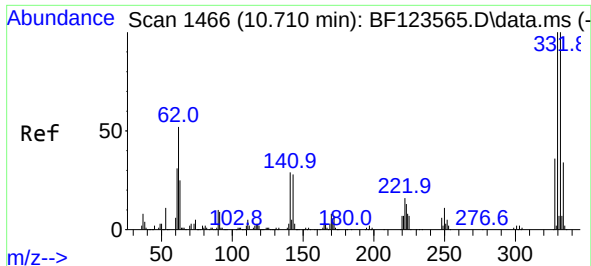
Tgt Ion:164 Resp: 393147
Ion Ratio Lower Upper
164 100
162 103.2 80.7 121.1
160 45.8 37.3 55.9



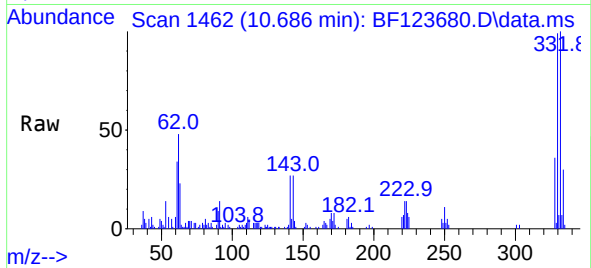
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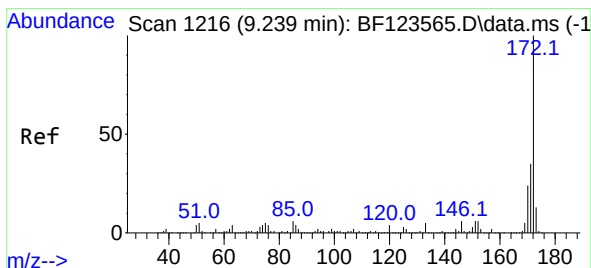
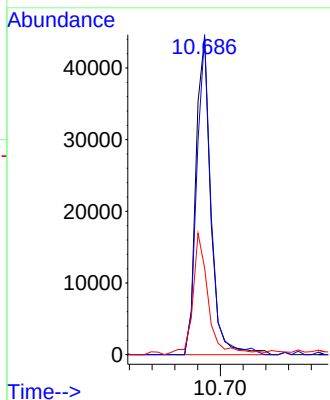
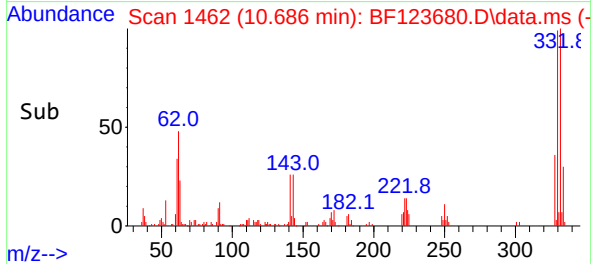
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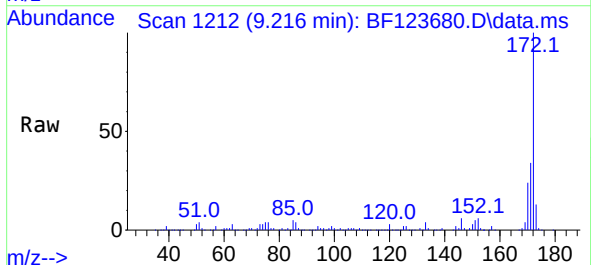
#42
2,4,6-Tribromophenol
Concen: 9.07 ng
RT: 10.686 min Scan# 1462
Delta R.T. -0.000 min
Lab File: BF123680.D
Acq: 21 Apr 2021 22:17



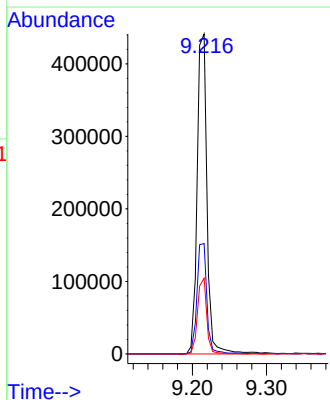
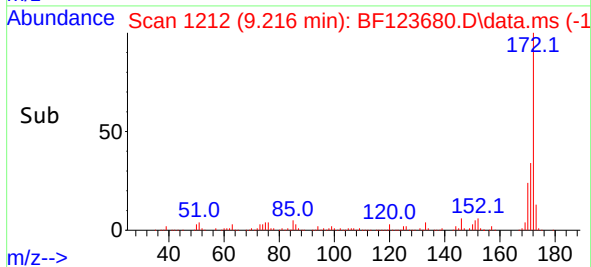
Tgt Ion: 330 Resp: 40373
Ion Ratio Lower Upper
330 100
332 96.2 77.1 115.7
141 40.0 27.9 41.9



#45
2-Fluorobiphenyl
Concen: 15.46 ng
RT: 9.216 min Scan# 1212
Delta R.T. -0.000 min
Lab File: BF123680.D
Acq: 21 Apr 2021 22:17



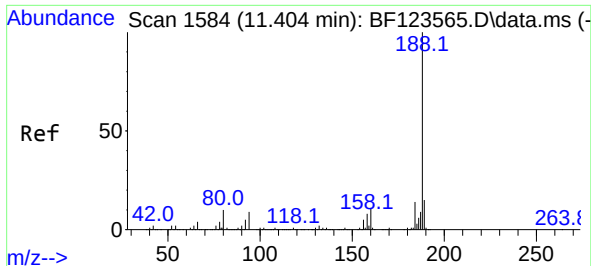
Tgt Ion: 172 Resp: 407749
Ion Ratio Lower Upper
172 100
171 34.5 28.1 42.1
170 23.6 19.2 28.8



Instrument :
BNA_F
ClientSampleId :
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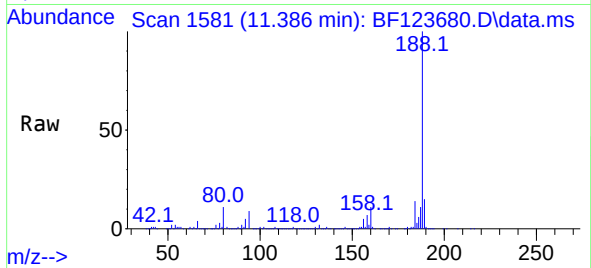
Manual Integrations
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#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.386 min Scan# 1581
Delta R.T. -0.000 min
Lab File: BF123680.D
Acq: 21 Apr 2021 22:17

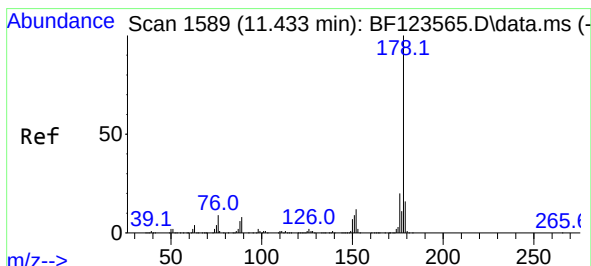
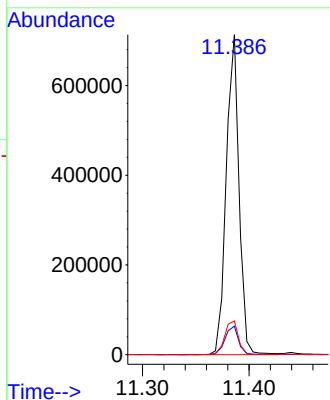
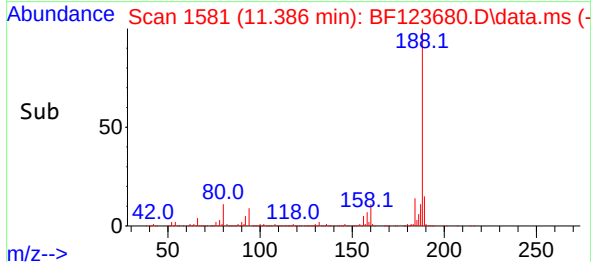
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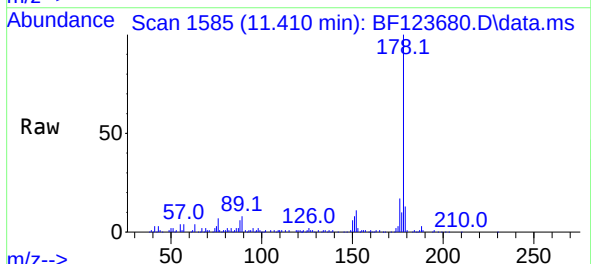
Tgt Ion:188 Resp: 593066
Ion Ratio Lower Upper
188 100
94 8.9 6.9 10.3
80 10.6 8.2 12.2

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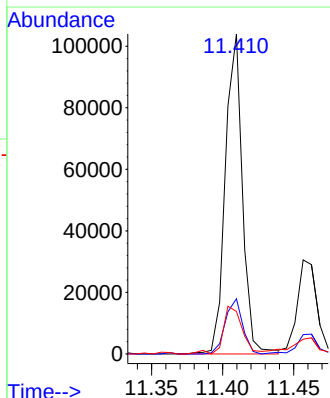
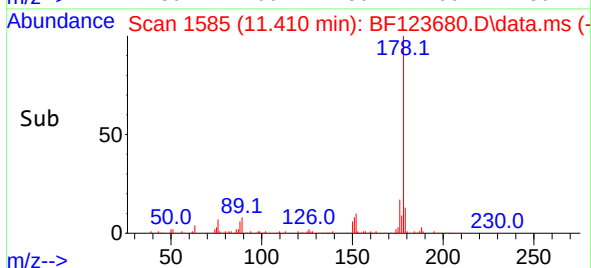
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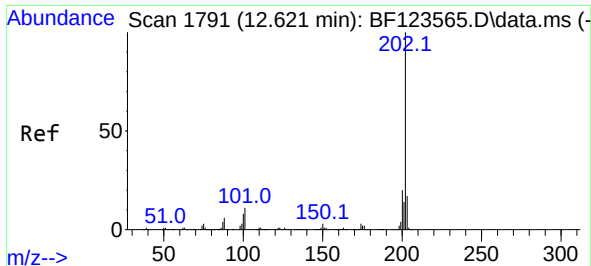


#71
Phenanthrene
Concen: 2.80 ng
RT: 11.410 min Scan# 1585
Delta R.T. -0.000 min
Lab File: BF123680.D
Acq: 21 Apr 2021 22:17

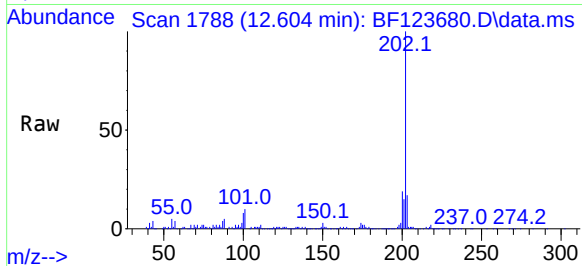


Tgt Ion:178 Resp: 86746
Ion Ratio Lower Upper
178 100
176 17.2 15.6 23.4
179 13.3 12.5 18.7

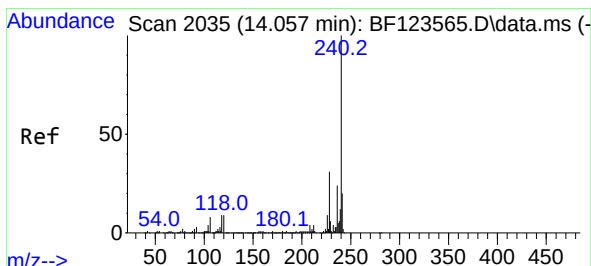
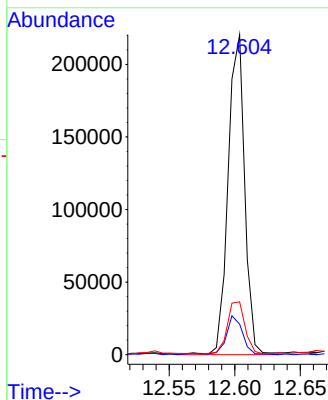
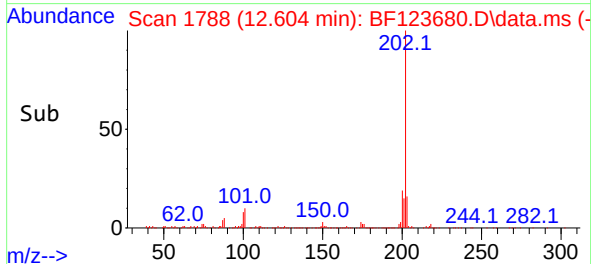




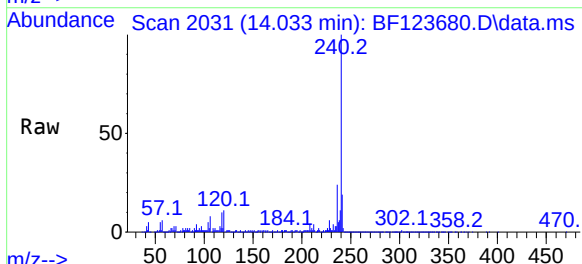
#75
Fluoranthene
Concen: 5.71 ng
RT: 12.604 min Scan# 1788
Delta R.T. -0.000 min
Lab File: BF123680.D
Acq: 21 Apr 2021 22:17



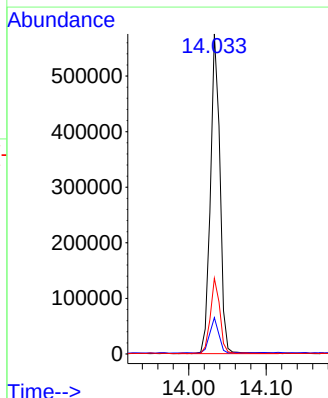
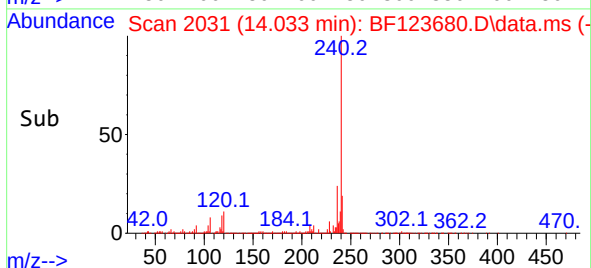
Tgt Ion:202 Resp: 194086
Ion Ratio Lower Upper
202 100
101 9.6 0.0 30.9
203 16.5 0.0 37.5



#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.033 min Scan# 2031
Delta R.T. -0.000 min
Lab File: BF123680.D
Acq: 21 Apr 2021 22:17



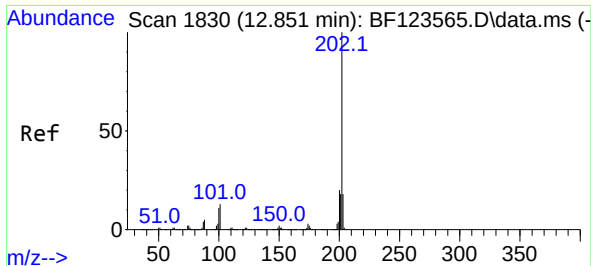
Tgt Ion:240 Resp: 490288
Ion Ratio Lower Upper
240 100
120 11.3 7.2 10.8#
236 23.7 19.0 28.4



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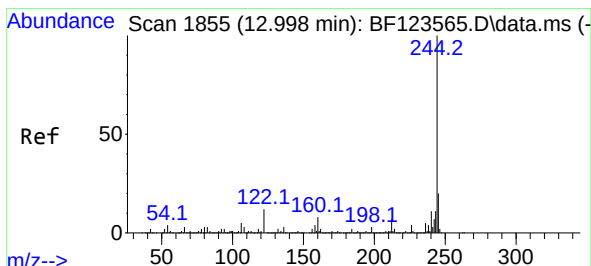
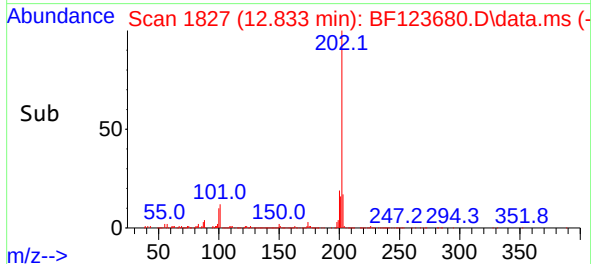
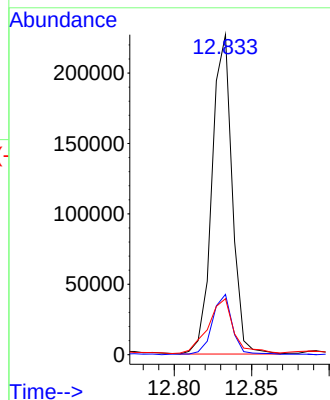
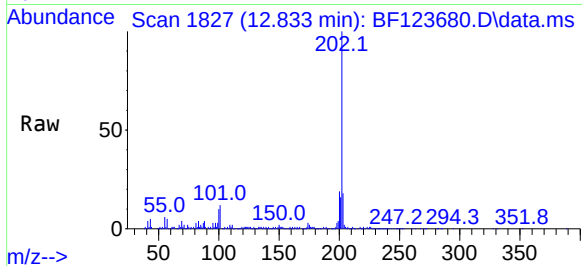
#78
Pyrene
Concen: 5.72 ng
RT: 12.833 min Scan# 1827
Delta R.T. -0.000 min
Lab File: BF123680.D
Acq: 21 Apr 2021 22:17

Tgt Ion:	202	Resp:	204738
Ion Ratio	Lower	Upper	
202	100		
200	18.9	16.1	24.1
203	17.5	14.8	22.2

Instrument :
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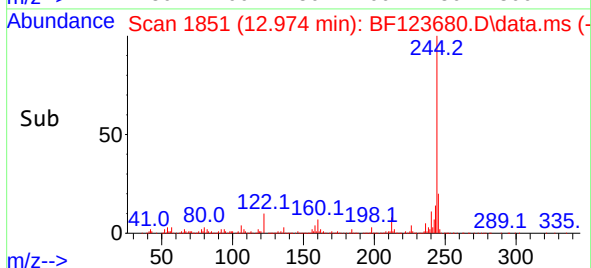
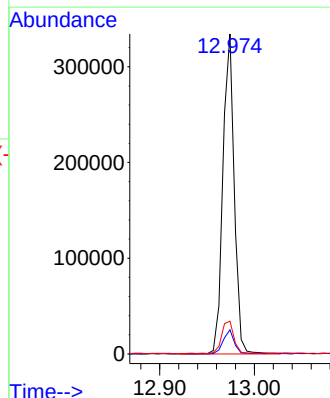
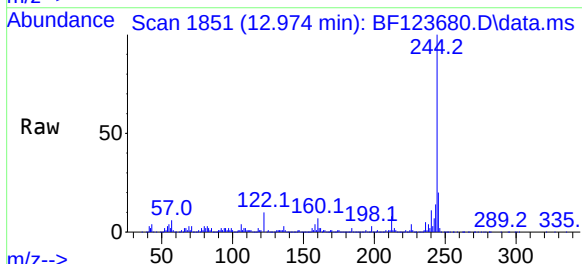
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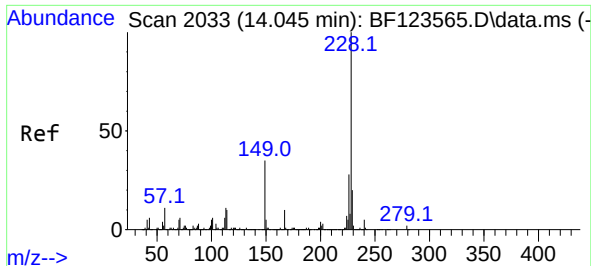
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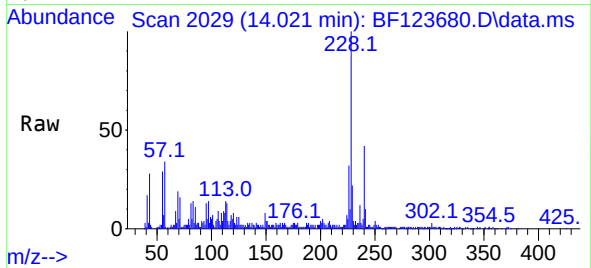
#79
Terphenyl-d14
Concen: 11.09 ng
RT: 12.974 min Scan# 1851
Delta R.T. -0.000 min
Lab File: BF123680.D
Acq: 21 Apr 2021 22:17

Tgt Ion:	244	Resp:	279736
Ion Ratio	Lower	Upper	
244	100		
212	7.5	5.7	8.5
122	10.2	9.7	14.5

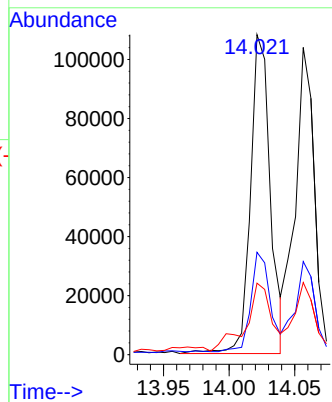
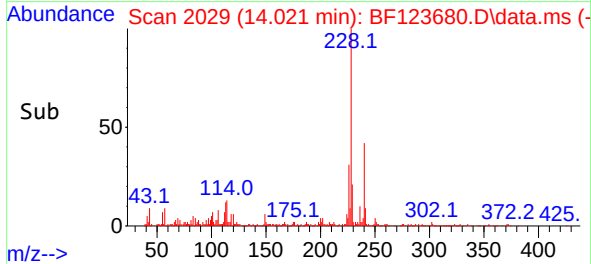




#81
Benzo(a)anthracene
Concen: 3.78 ng
RT: 14.021 min Scan# 2029
Delta R.T. -0.000 min
Lab File: BF123680.D
Acq: 21 Apr 2021 22:17



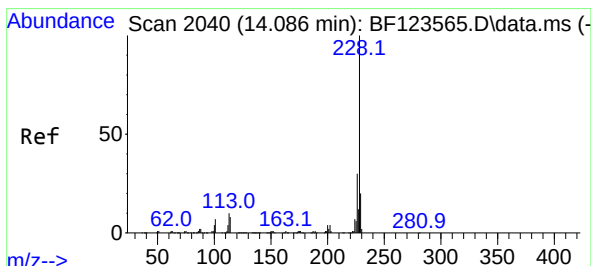
Tgt Ion:228 Resp: 113624
Ion Ratio Lower Upper
228 100
226 32.0 22.4 33.6
229 22.4 16.0 24.0



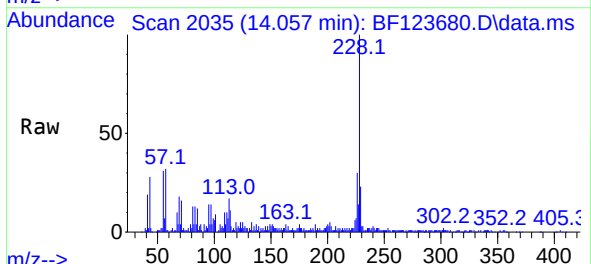
Instrument :
BNA_F
ClientSampleId :
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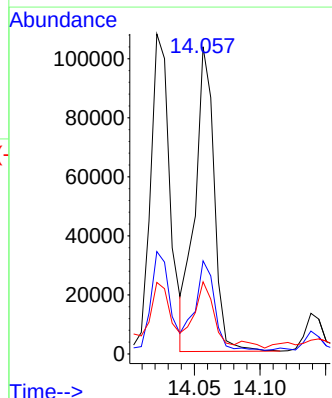
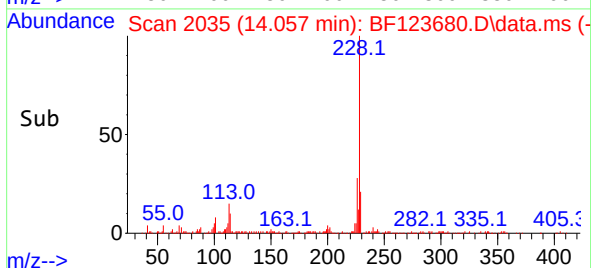
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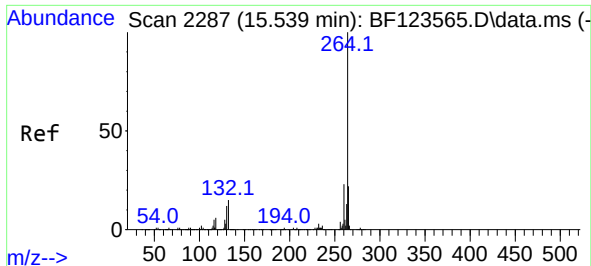


#83
Chrysene
Concen: 3.50 ng
RT: 14.057 min Scan# 2035
Delta R.T. -0.006 min
Lab File: BF123680.D
Acq: 21 Apr 2021 22:17

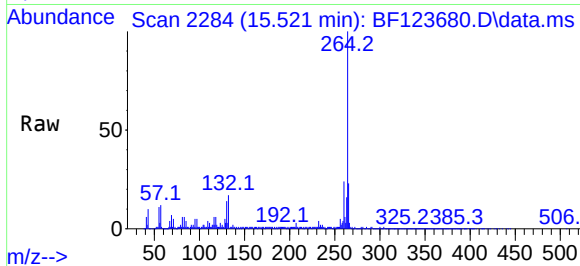


Tgt Ion:228 Resp: 105711
Ion Ratio Lower Upper
228 100
226 30.3 24.3 36.5
229 23.5 16.2 24.2

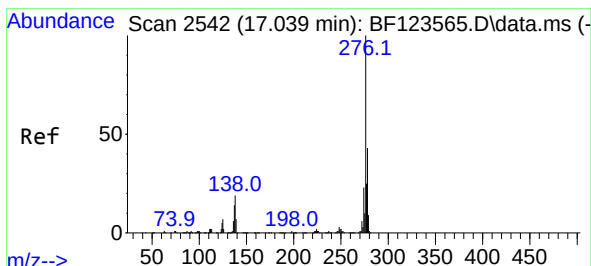
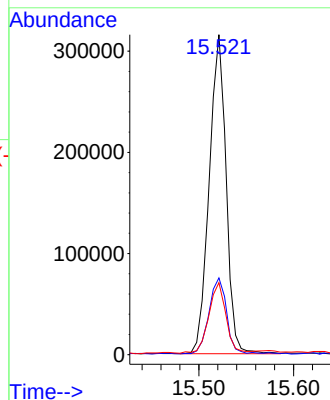
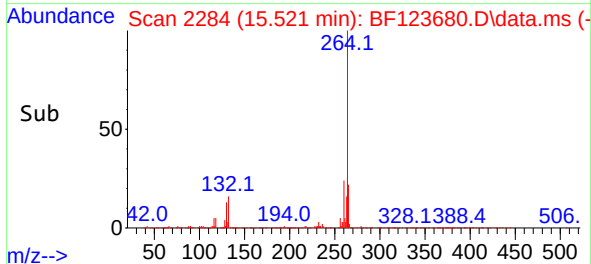




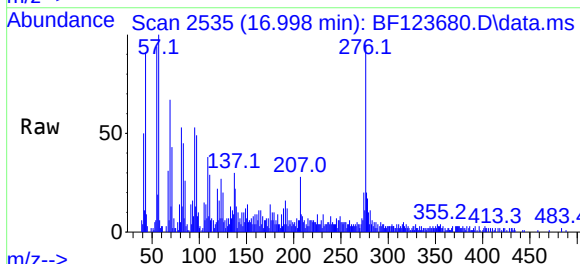
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.521 min Scan# 2284
Delta R.T. 0.018 min
Lab File: BF123680.D
Acq: 21 Apr 2021 22:17



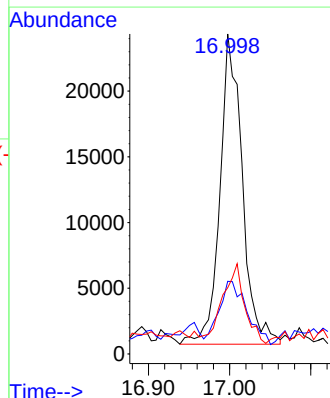
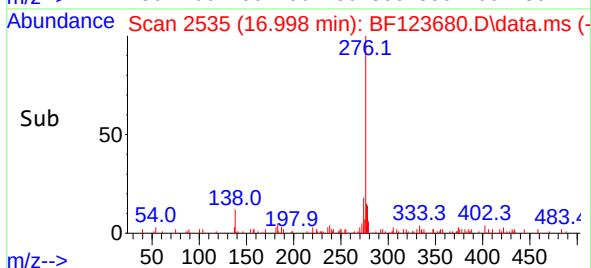
Tgt Ion: 264 Resp: 389851
Ion Ratio Lower Upper
264 100
260 24.0 18.7 28.1
265 22.5 17.8 26.8



#87
Indeno(1,2,3-cd)pyrene
Concen: 2.18 ng
RT: 16.998 min Scan# 2535
Delta R.T. 0.012 min
Lab File: BF123680.D
Acq: 21 Apr 2021 22:17



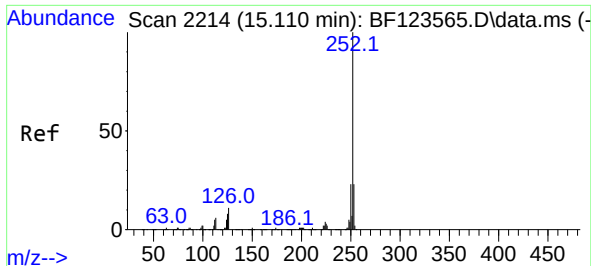
Tgt Ion: 276 Resp: 45277
Ion Ratio Lower Upper
276 100
138 25.4 16.2 24.2#
277 25.0 20.1 30.1



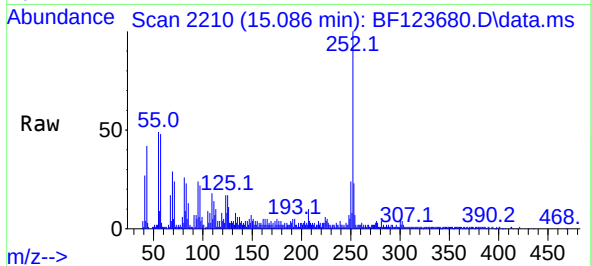
Instrument :
BNA_F
ClientSampleId :
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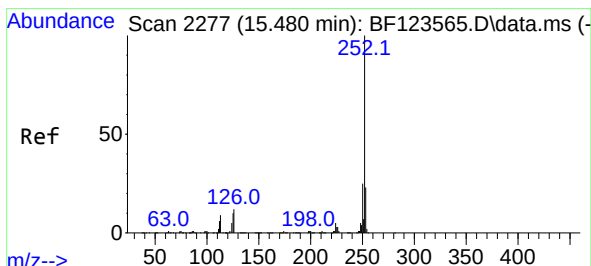
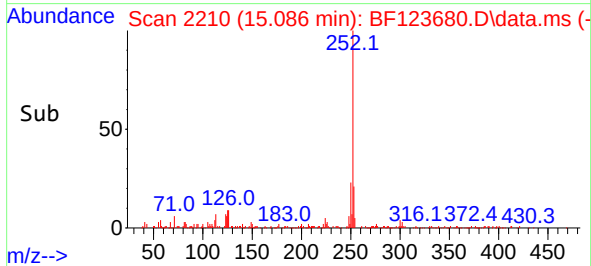
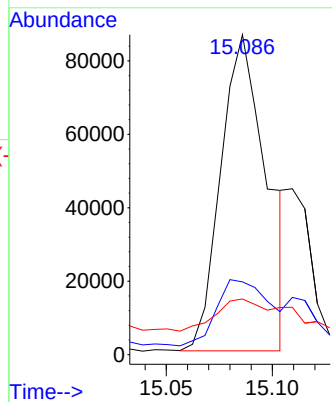
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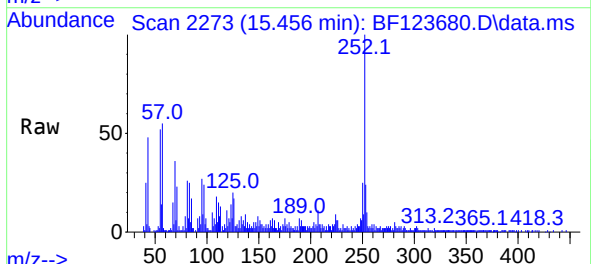
#88
Benzo(b)fluoranthene
Concen: 4.71 ng m
RT: 15.086 min Scan# 2210
Delta R.T. 0.012 min
Lab File: BF123680.D
Acq: 21 Apr 2021 22:17



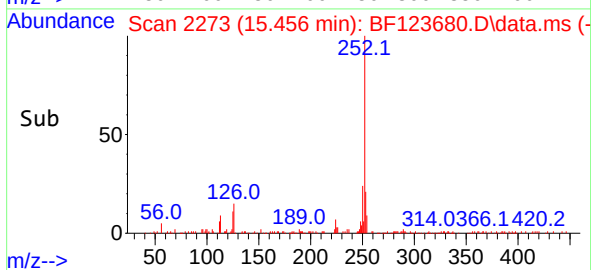
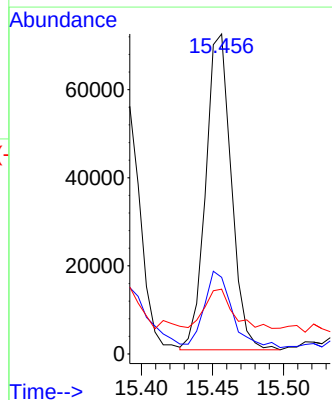
Tgt Ion:252 Resp: 129553
Ion Ratio Lower Upper
252 100
253 22.7 18.1 27.1
125 17.4 6.2 9.4#



#90
Benzo(a)pyrene
Concen: 4.10 ng
RT: 15.456 min Scan# 2273
Delta R.T. 0.012 min
Lab File: BF123680.D
Acq: 21 Apr 2021 22:17



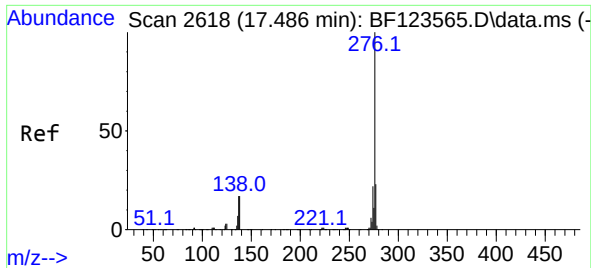
Tgt Ion:252 Resp: 89742
Ion Ratio Lower Upper
252 100
253 23.9 18.4 27.6
125 20.2 8.0 12.0#



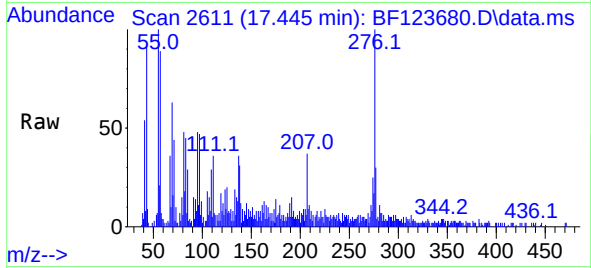
Instrument :
BNA_F
ClientSampleId :
SEDGWICK-COMP-3

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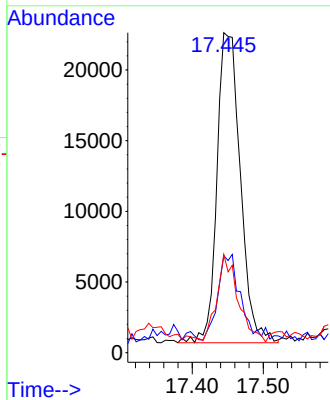
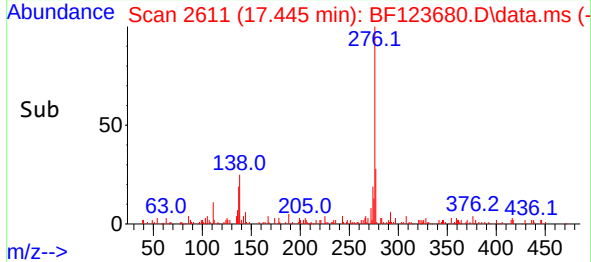
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#92
Benzo(g,h,i)perylene
Concen: 2.91 ng
RT: 17.445 min Scan# 2611
Delta R.T. 0.006 min
Lab File: BF123680.D
Acq: 21 Apr 2021 22:17



Tgt Ion	Ratio	Lower	Upper
276	100		
277	30.3	18.2	27.2#
138	30.7	13.8	20.6#



Instrument :
BNA_F
ClientSampleId :
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