

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042121\
 Data File : BF123677.D
 Acq On : 21 Apr 2021 20:40
 Operator : JU/CG
 Sample : M2090-18 2X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SEDGWICK-COMP-4

Manual Integrations
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mohammad
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Quant Time: Apr 22 00:56:36 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	223937	20.00	ng	0.00
21) Naphthalene-d8	8.133	136	816609	20.00	ng	# 0.00
39) Acenaphthene-d10	9.892	164	370604	20.00	ng	0.00
64) Phenanthrene-d10	11.386	188	593258	20.00	ng	0.00
76) Chrysene-d12	14.033	240	491499	20.00	ng	# 0.00
86) Perylene-d12	15.521	264	463426	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	231145	16.68	ng	0.00
7) Phenol-d6	6.481	99	672525	35.03	ng	-0.01
23) Nitrobenzene-d5	7.410	82	505995	28.49	ng	0.00
42) 2,4,6-Tribromophenol	10.686	330	31700	7.55	ng	0.00
45) 2-Fluorobiphenyl	9.216	172	754740	30.36	ng	0.00
79) Terphenyl-d14	12.974	244	567120	22.43	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	11.410	178	203925	6.59	ng	98
75) Fluoranthene	12.598	202	313468	9.21	ng	98
78) Pyrene	12.827	202	307789	8.58	ng	99
81) Benzo(a)anthracene	14.021	228	167541	5.56	ng	93
83) Chrysene	14.057	228	146283	4.84	ng	96
87) Indeno(1,2,3-cd)pyrene	16.997	276	69005	2.79	ng	95
88) Benzo(b)fluoranthene	15.080	252	211530m	6.46	ng	
90) Benzo(a)pyrene	15.456	252	136711	5.25	ng	# 93
92) Benzo(g,h,i)perylene	17.450	276	70599	3.65	ng	# 86

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

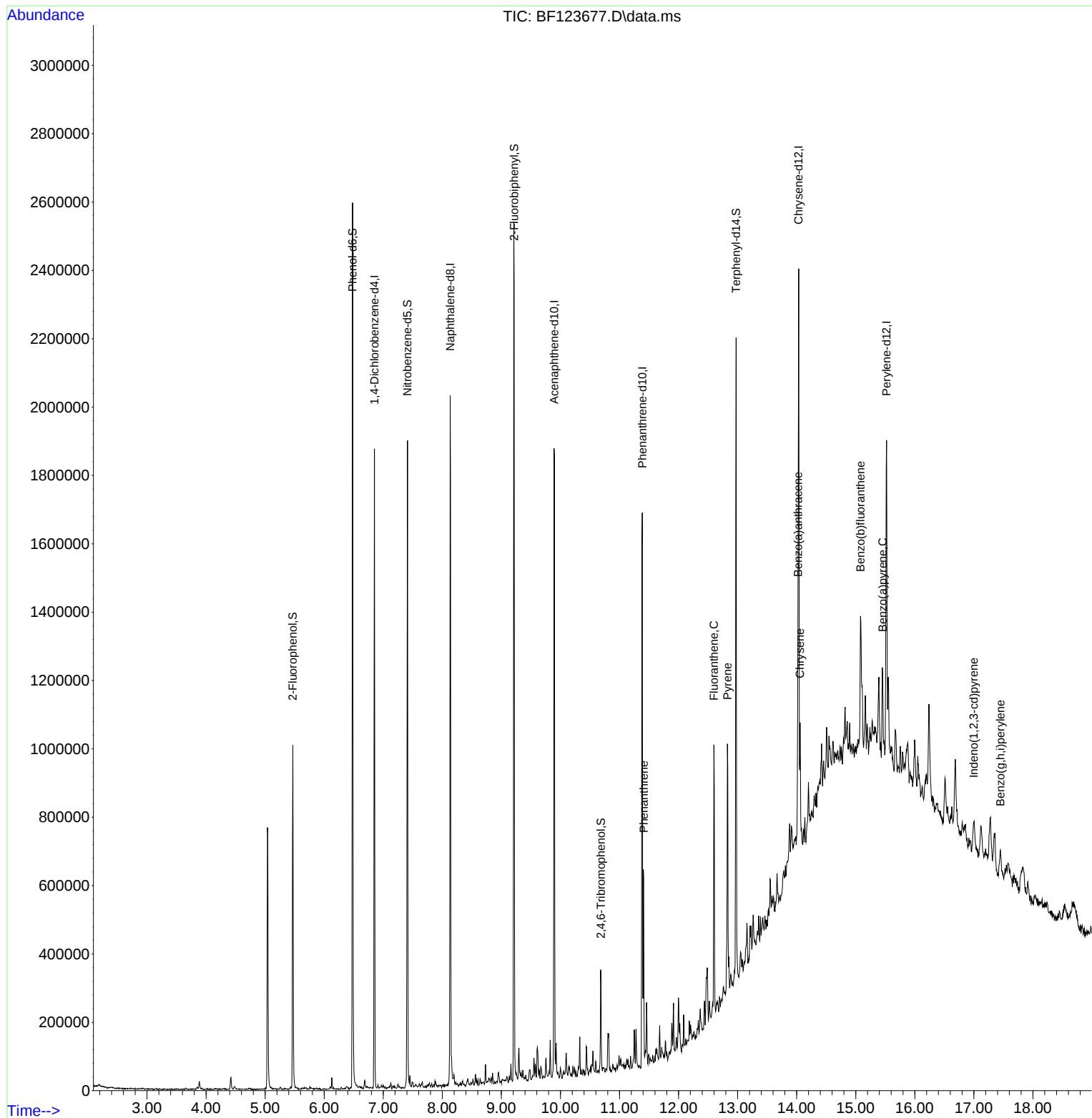
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042121\
Data File : BF123677.D
Acq On : 21 Apr 2021 20:40
Operator : JU/CG
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Misc :
ALS Vial : 19 Sample Multiplier: 1

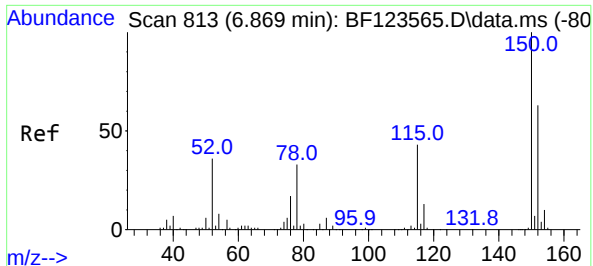
Instrument :
BNA_F
ClientSampleId :
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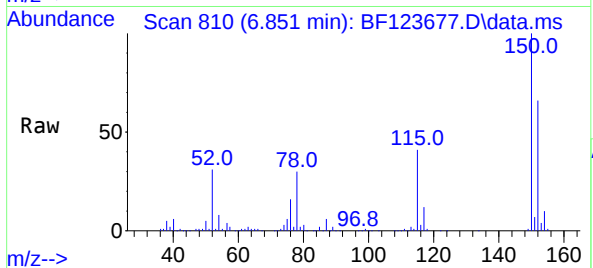
Quant Time: Apr 22 00:56:36 2021
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 20 15:49:40 2021
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.851 min Scan# 810
Delta R.T. 0.000 min
Lab File: BF123677.D
Acq: 21 Apr 2021 20:40

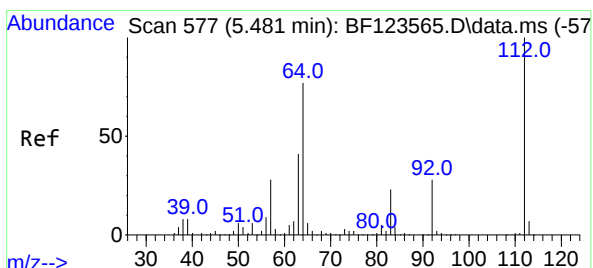
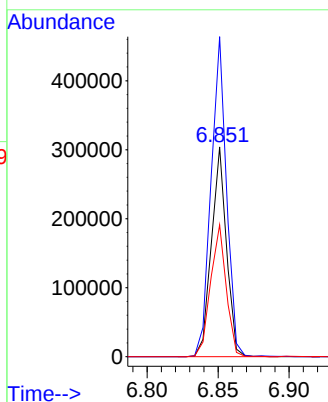
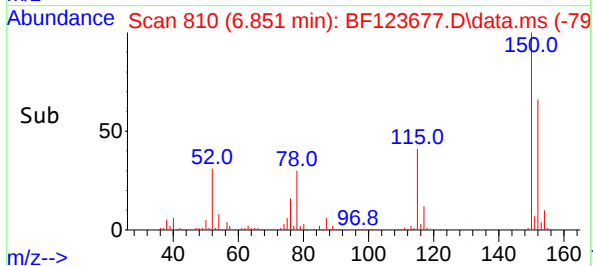
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BNA_F
ClientSampleId :
SEDGWICK-COMP-4



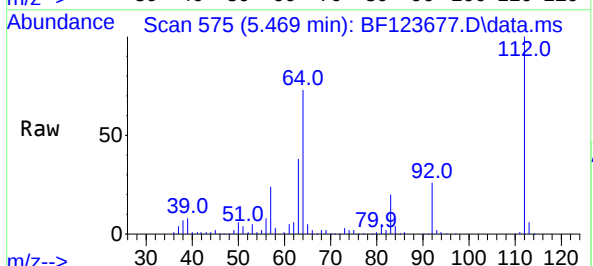
Tgt Ion:152 Resp: 223937
Ion Ratio Lower Upper
152 100
150 152.5 127.0 190.6
115 62.9 54.3 81.5

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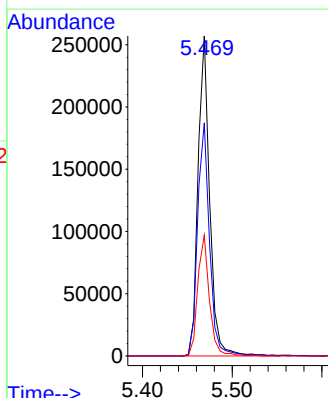
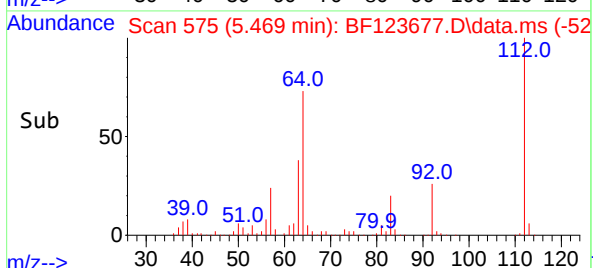
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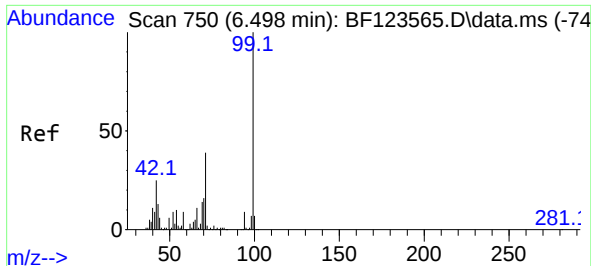


#5
2-Fluorophenol
Concen: 16.68 ng
RT: 5.469 min Scan# 575
Delta R.T. -0.000 min
Lab File: BF123677.D
Acq: 21 Apr 2021 20:40

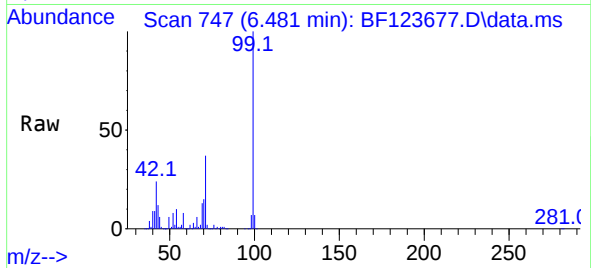


Tgt Ion:112 Resp: 231145
Ion Ratio Lower Upper
112 100
64 72.8 61.4 92.0
63 37.8 33.0 49.4

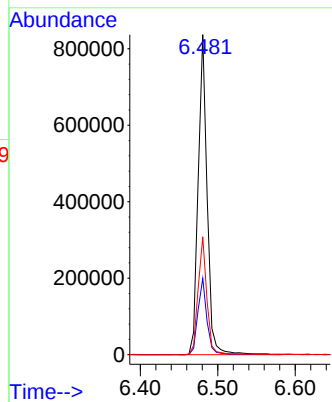




#7
Phenol-d6
Concen: 35.03 ng
RT: 6.481 min Scan# 747
Delta R.T. -0.012 min
Lab File: BF123677.D
Acq: 21 Apr 2021 20:40



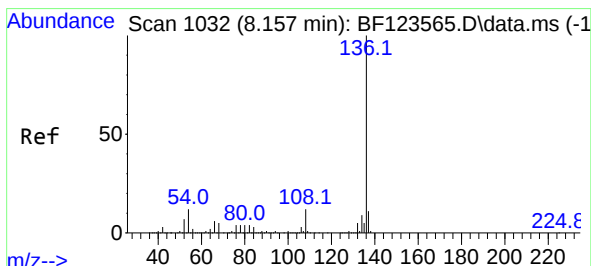
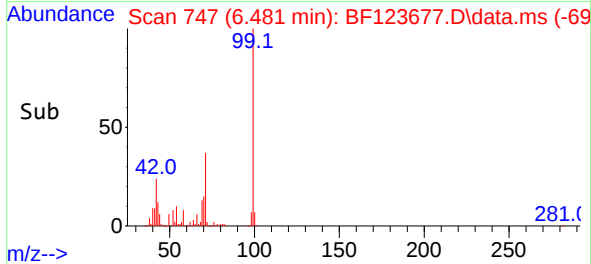
Tgt Ion: 99 Resp: 672525
Ion Ratio Lower Upper
99 100
42 23.9 19.8 29.8
71 36.9 31.1 46.7



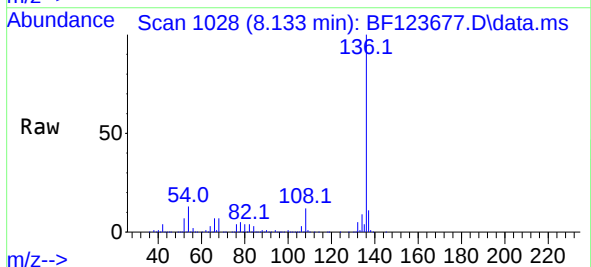
Instrument :
BNA_F
ClientSampleId :
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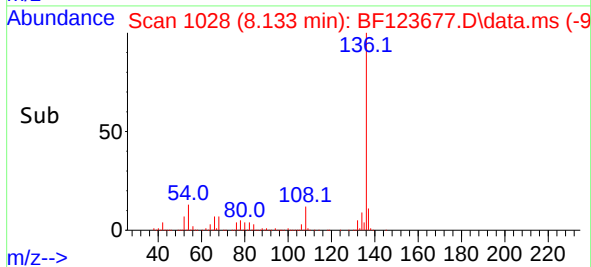
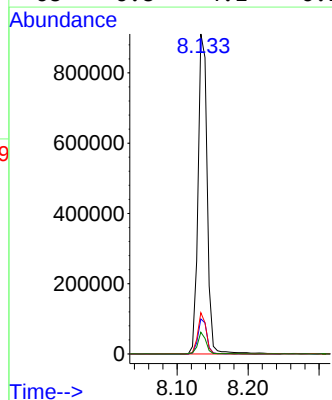
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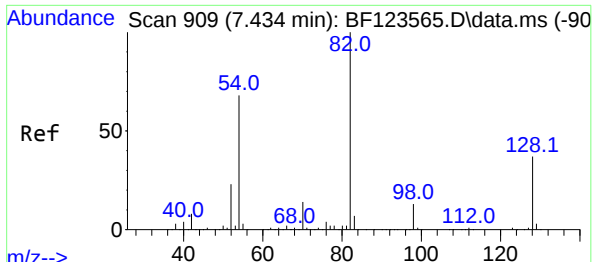


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.133 min Scan# 1028
Delta R.T. -0.006 min
Lab File: BF123677.D
Acq: 21 Apr 2021 20:40

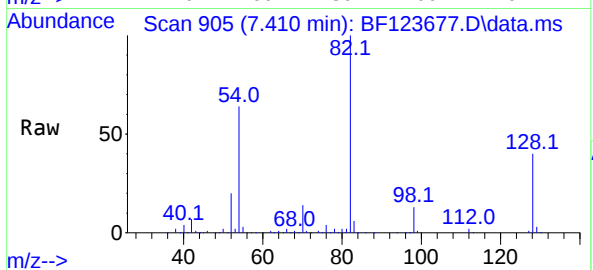


Tgt Ion: 136 Resp: 816609
Ion Ratio Lower Upper
136 100
137 11.0 8.7 13.1
54 12.9 9.8 14.6
68 6.8 4.1 6.1

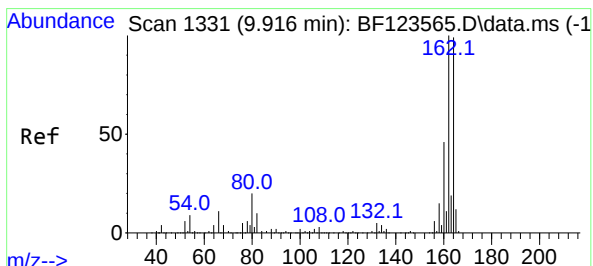
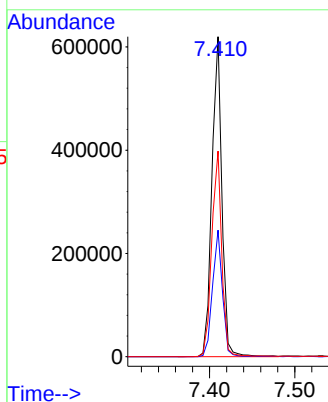
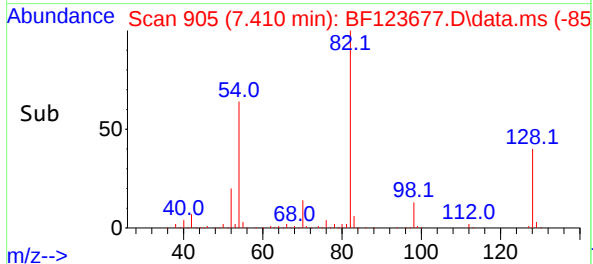




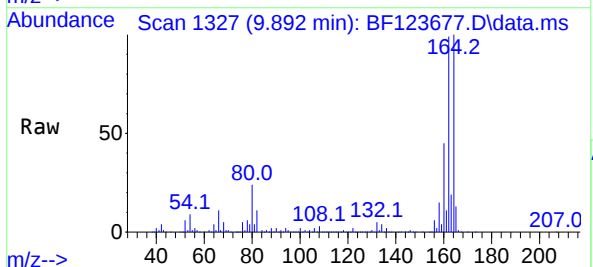
#23
Nitrobenzene-d5
Concen: 28.49 ng
RT: 7.410 min Scan# 905
Delta R.T. -0.006 min
Lab File: BF123677.D
Acq: 21 Apr 2021 20:40



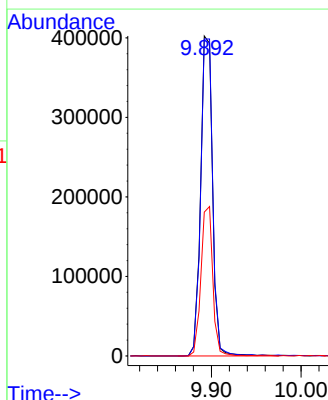
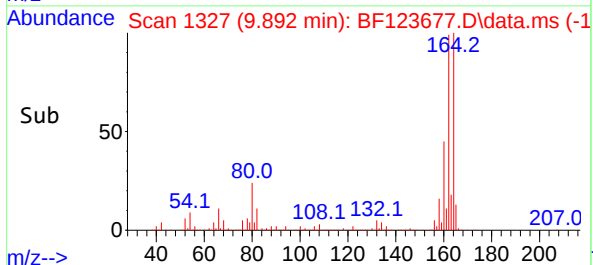
Tgt Ion: 82 Resp: 505995
Ion Ratio Lower Upper
82 100
128 39.6 29.4 44.2
54 64.2 54.1 81.1



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.892 min Scan# 1327
Delta R.T. -0.006 min
Lab File: BF123677.D
Acq: 21 Apr 2021 20:40



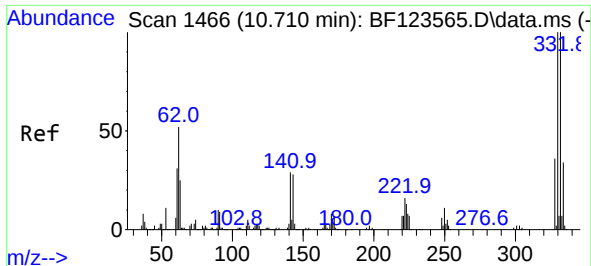
Tgt Ion: 164 Resp: 370604
Ion Ratio Lower Upper
164 100
162 99.0 80.7 121.1
160 44.9 37.3 55.9



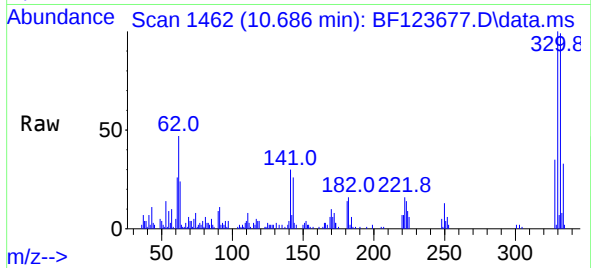
Instrument :
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ClientSampleId :
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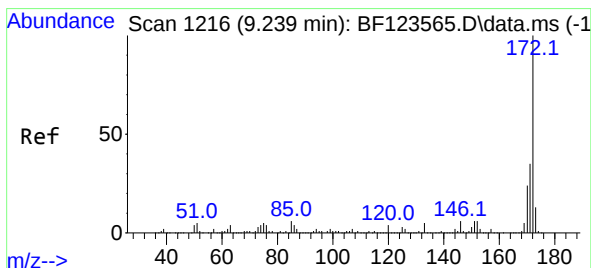
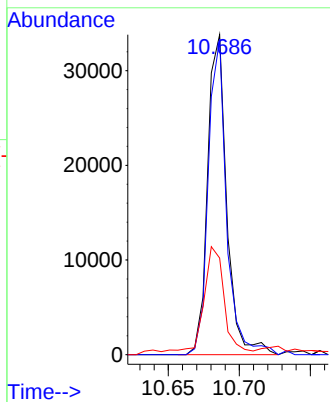
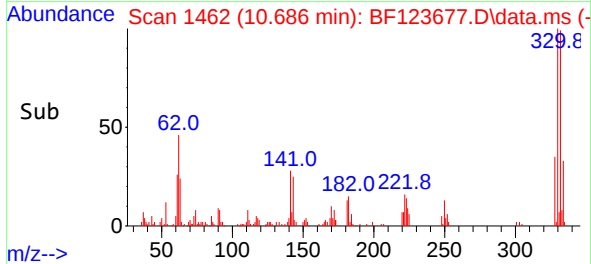
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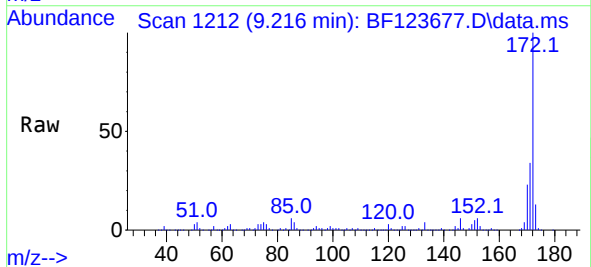
#42
2,4,6-Tribromophenol
Concen: 7.55 ng
RT: 10.686 min Scan# 1462
Delta R.T. -0.000 min
Lab File: BF123677.D
Acq: 21 Apr 2021 20:40



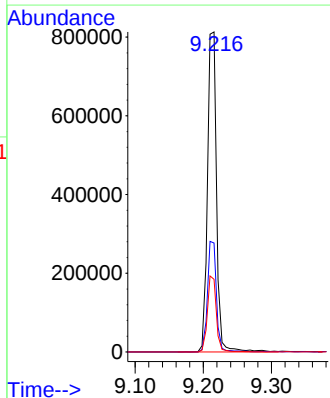
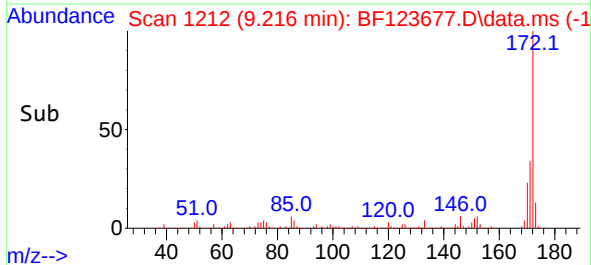
Tgt Ion: 330 Resp: 31700
Ion Ratio Lower Upper
330 100
332 94.7 77.1 115.7
141 36.5 27.9 41.9



#45
2-Fluorobiphenyl
Concen: 30.36 ng
RT: 9.216 min Scan# 1212
Delta R.T. -0.000 min
Lab File: BF123677.D
Acq: 21 Apr 2021 20:40



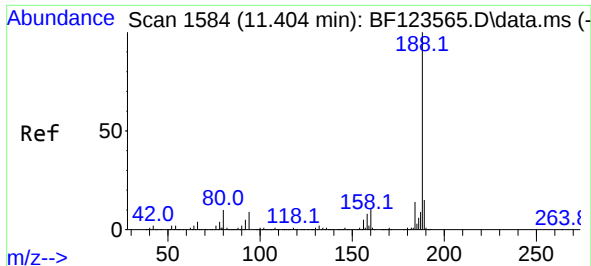
Tgt Ion: 172 Resp: 754740
Ion Ratio Lower Upper
172 100
171 34.1 28.1 42.1
170 22.7 19.2 28.8



Instrument :
BNA_F
ClientSampleId :
SEDGWICK-COMP-4

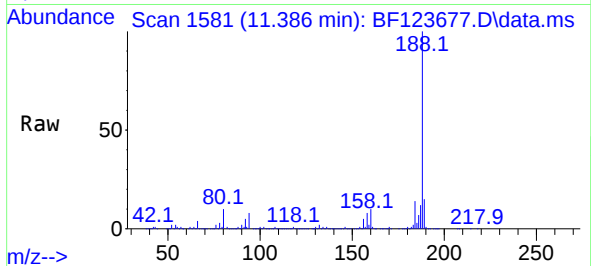
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#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.386 min Scan# 1581
Delta R.T. -0.000 min
Lab File: BF123677.D
Acq: 21 Apr 2021 20:40

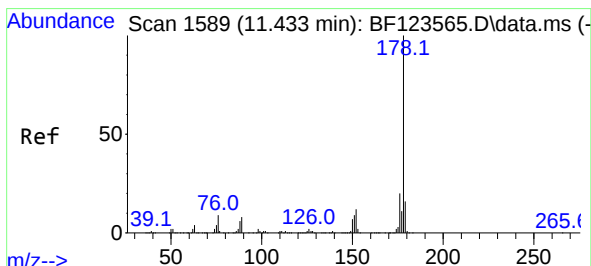
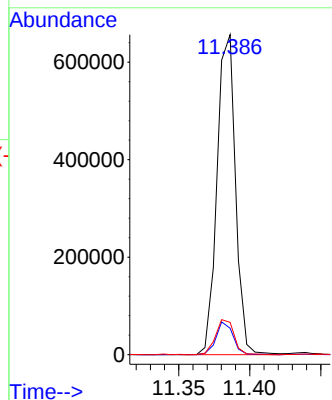
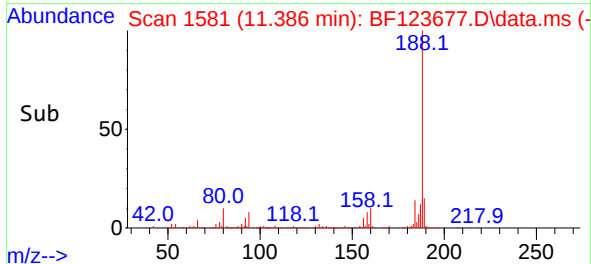
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ClientSampleId :
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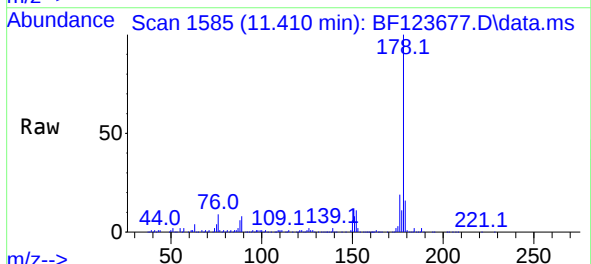
Tgt Ion:188 Resp: 593258
Ion Ratio Lower Upper
188 100
94 8.2 6.9 10.3
80 10.1 8.2 12.2

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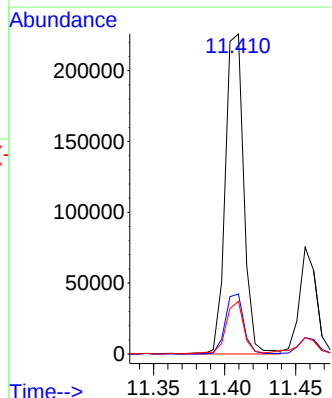
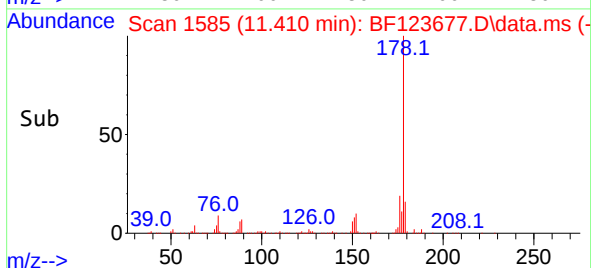
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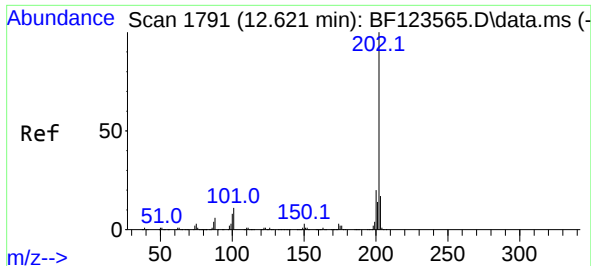


#71
Phenanthrene
Concen: 6.59 ng
RT: 11.410 min Scan# 1585
Delta R.T. -0.000 min
Lab File: BF123677.D
Acq: 21 Apr 2021 20:40



Tgt Ion:178 Resp: 203925
Ion Ratio Lower Upper
178 100
176 18.7 15.6 23.4
179 16.5 12.5 18.7





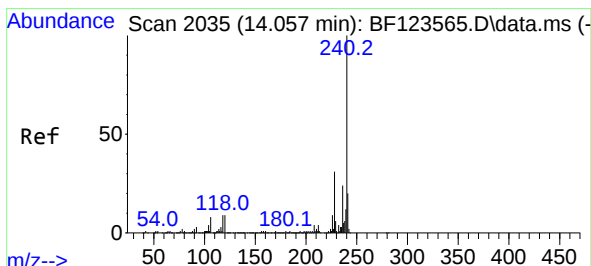
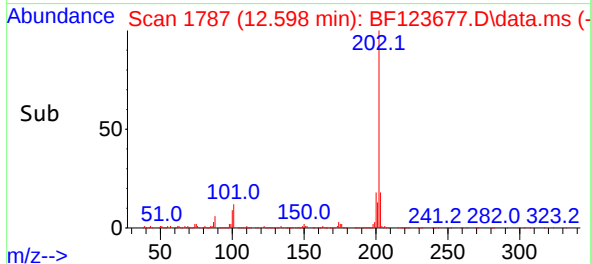
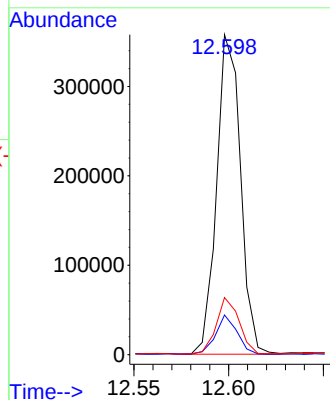
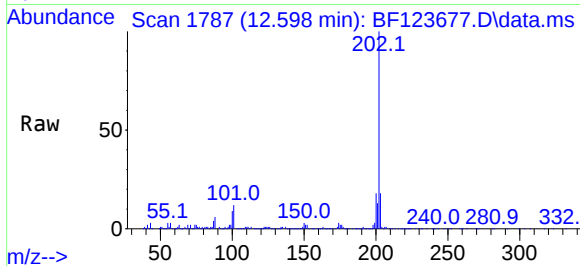
#75
Fluoranthene
Concen: 9.21 ng
RT: 12.598 min Scan# 1787
Delta R.T. -0.006 min
Lab File: BF123677.D
Acq: 21 Apr 2021 20:40

Tgt Ion:202 Resp: 313468
Ion Ratio Lower Upper
202 100
101 12.4 0.0 30.9
203 17.9 0.0 37.5

Instrument :
BNA_F
ClientSampleId :
SEDGWICK-COMP-4

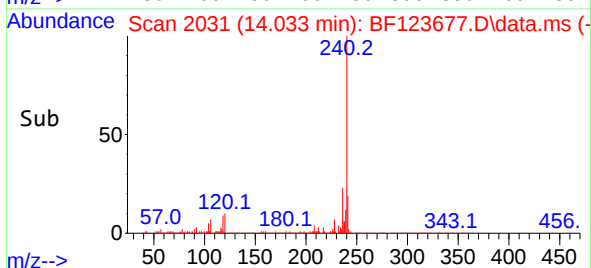
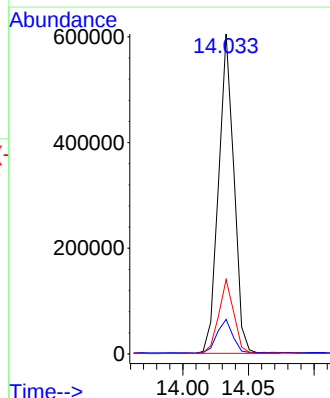
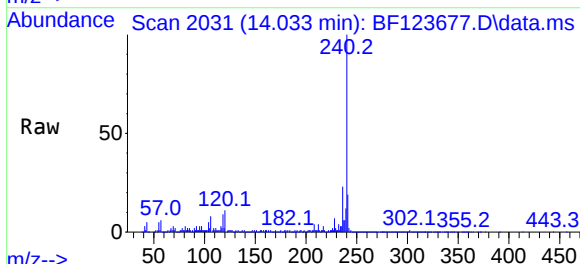
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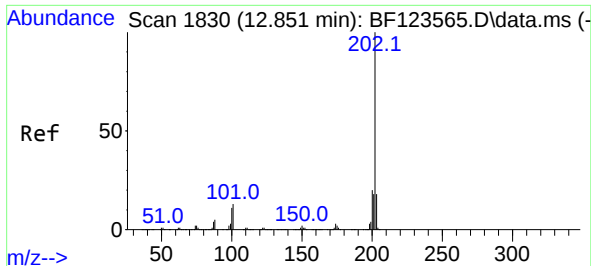
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#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.033 min Scan# 2031
Delta R.T. -0.000 min
Lab File: BF123677.D
Acq: 21 Apr 2021 20:40

Tgt Ion:240 Resp: 491499
Ion Ratio Lower Upper
240 100
120 10.8 7.2 10.8#
236 23.3 19.0 28.4





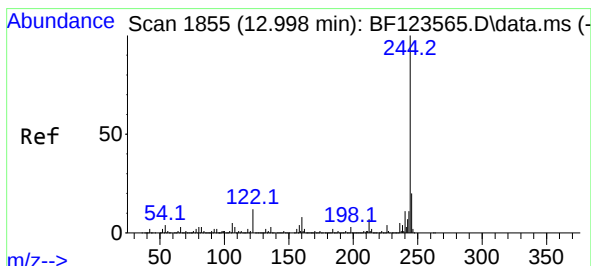
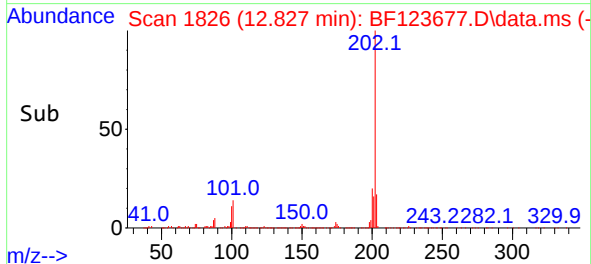
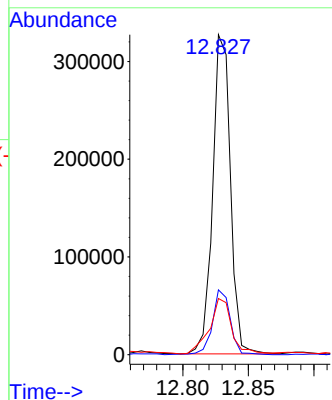
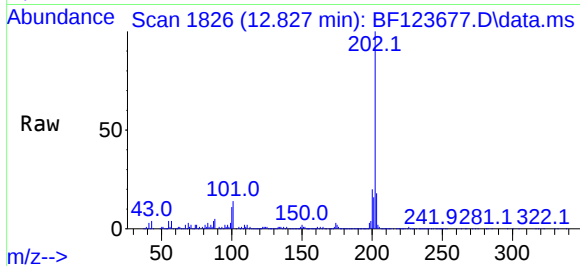
#78
Pyrene
Concen: 8.58 ng
RT: 12.827 min Scan# 1826
Delta R.T. -0.006 min
Lab File: BF123677.D
Acq: 21 Apr 2021 20:40

Tgt Ion:	202	Resp:	307789
Ion	Ratio	Lower	Upper
202	100		
200	20.3	16.1	24.1
203	17.5	14.8	22.2

Instrument :
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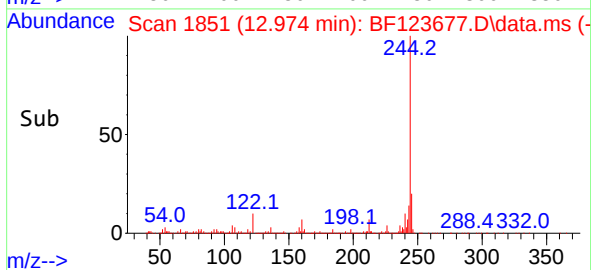
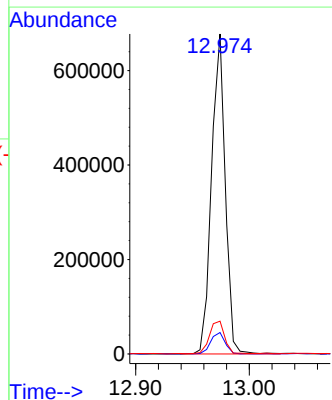
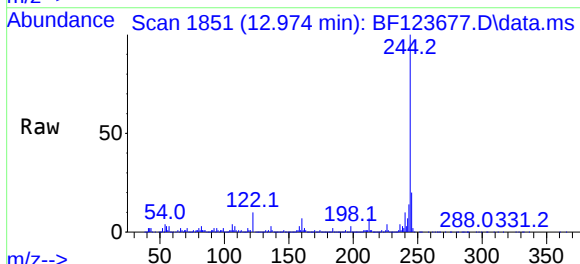
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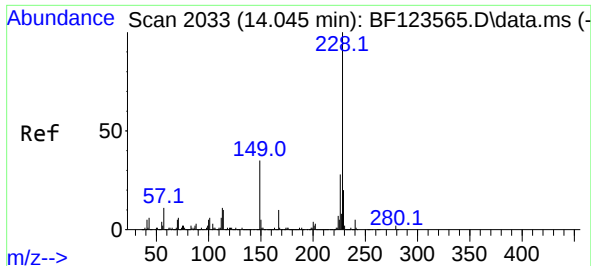
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#79
Terphenyl-d14
Concen: 22.43 ng
RT: 12.974 min Scan# 1851
Delta R.T. -0.000 min
Lab File: BF123677.D
Acq: 21 Apr 2021 20:40

Tgt Ion:	244	Resp:	567120
Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.7	8.5
122	10.2	9.7	14.5





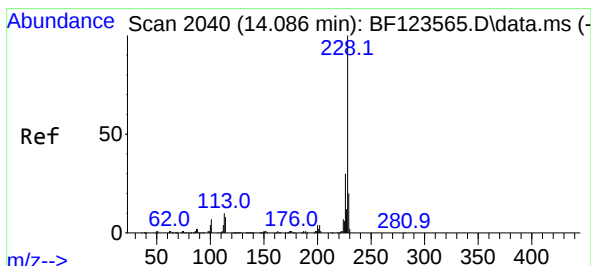
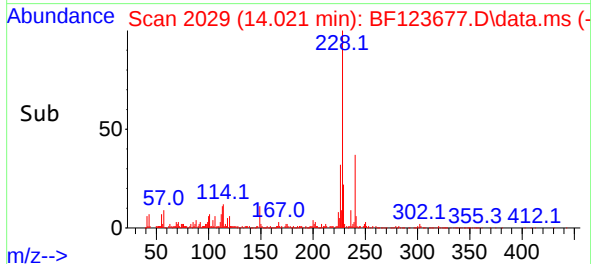
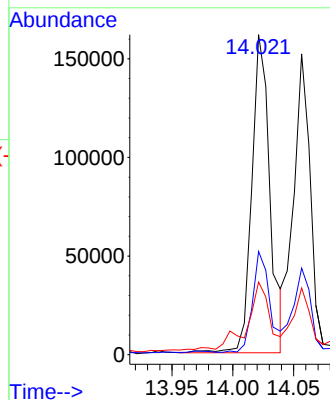
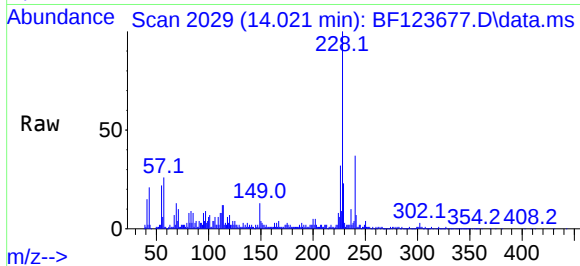
#81
Benzo(a)anthracene
Concen: 5.56 ng
RT: 14.021 min Scan# 2029
Delta R.T. -0.000 min
Lab File: BF123677.D
Acq: 21 Apr 2021 20:40

Tgt Ion:228 Resp: 167541
Ion Ratio Lower Upper
228 100
226 32.2 22.4 33.6
229 22.7 16.0 24.0

Instrument :
BNA_F
ClientSampleId :
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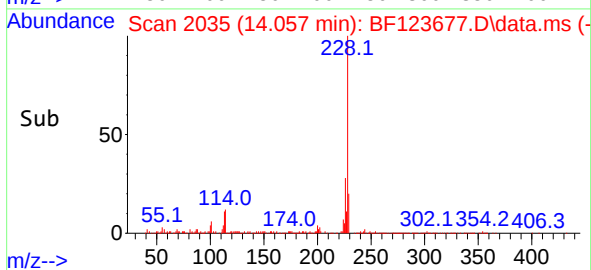
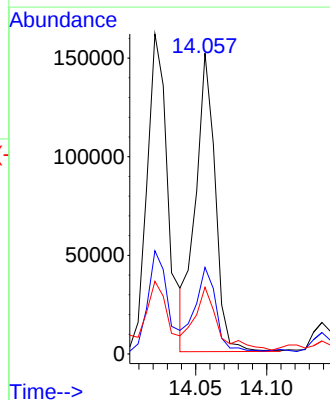
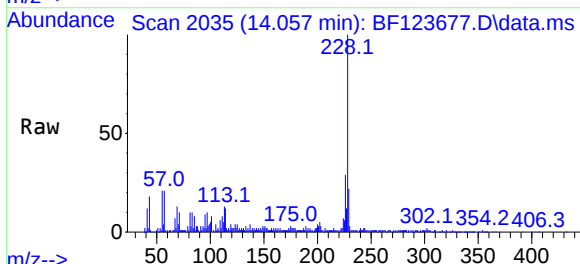
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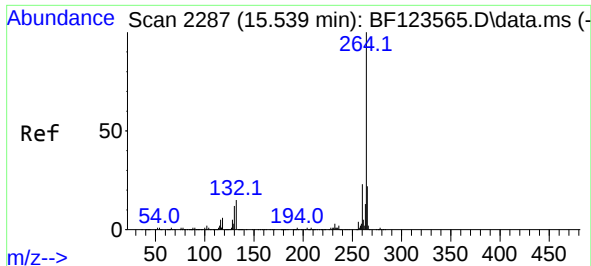
mohammad
4/22/2021 12:10:39 PM



#83
Chrysene
Concen: 4.84 ng
RT: 14.057 min Scan# 2035
Delta R.T. -0.006 min
Lab File: BF123677.D
Acq: 21 Apr 2021 20:40

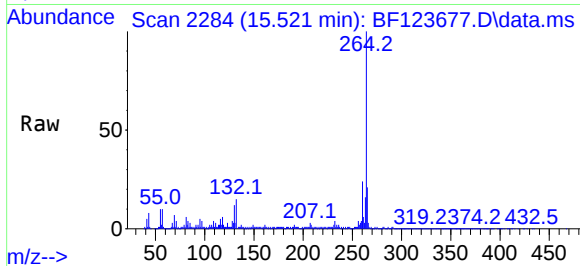
Tgt Ion:228 Resp: 146283
Ion Ratio Lower Upper
228 100
226 28.8 24.3 36.5
229 22.2 16.2 24.2





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.521 min Scan# 2284
Delta R.T. 0.017 min
Lab File: BF123677.D
Acq: 21 Apr 2021 20:40

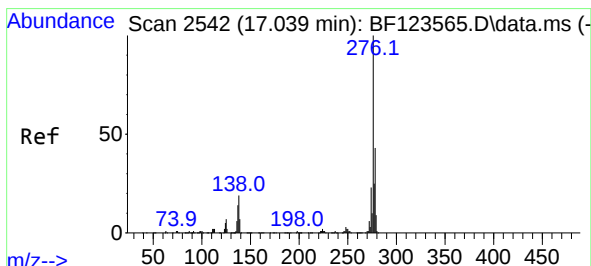
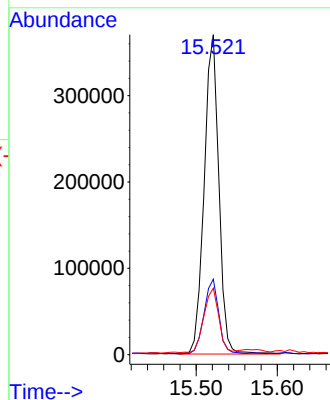
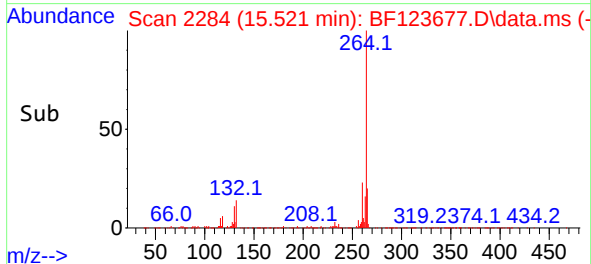
Instrument :
BNA_F
ClientSampleId :
SEDGWICK-COMP-4



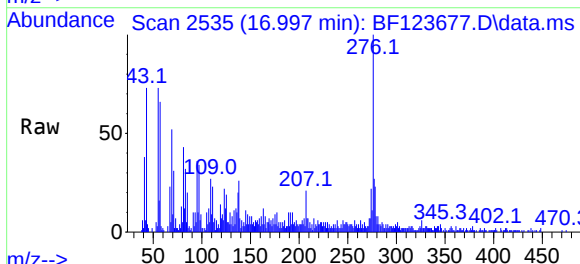
Tgt Ion:264 Resp: 463426
Ion Ratio Lower Upper
264 100
260 23.6 18.7 28.1
265 20.8 17.8 26.8

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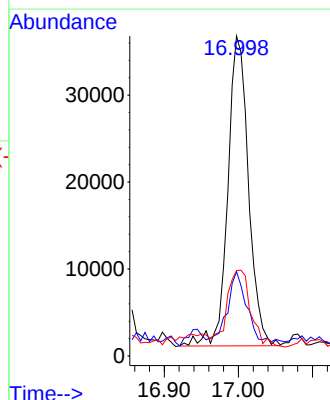
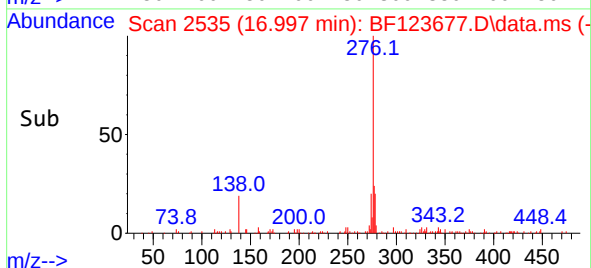
mohammad
4/22/2021 12:10:39 PM

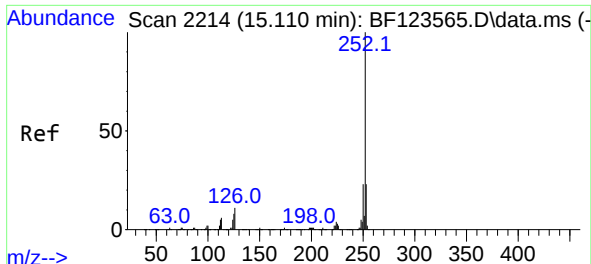


#87
Indeno(1,2,3-cd)pyrene
Concen: 2.79 ng
RT: 16.997 min Scan# 2535
Delta R.T. 0.012 min
Lab File: BF123677.D
Acq: 21 Apr 2021 20:40

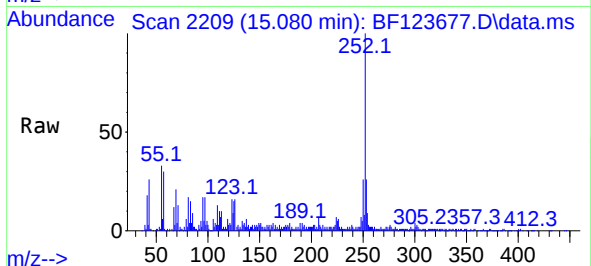


Tgt Ion:276 Resp: 69005
Ion Ratio Lower Upper
276 100
138 21.2 16.2 24.2
277 28.7 20.1 30.1

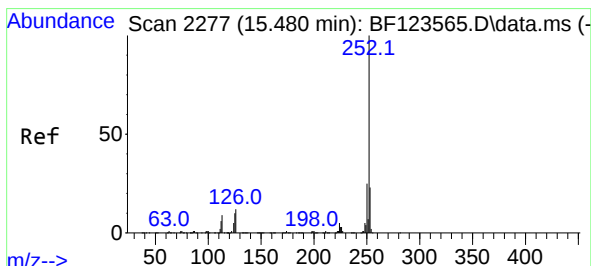
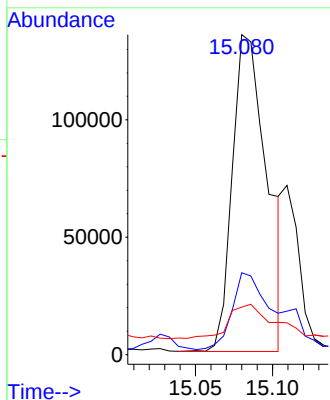
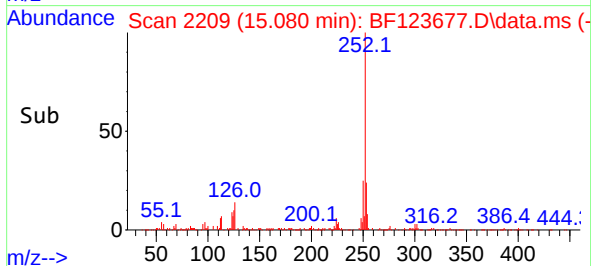




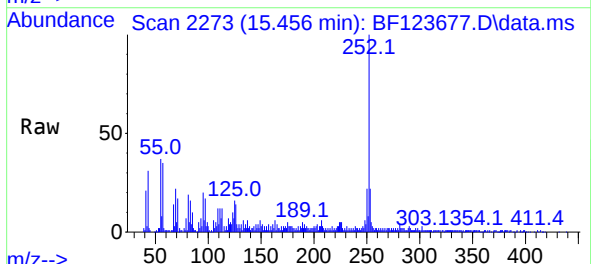
#88
Benzo(b)fluoranthene
Concen: 6.46 ng m
RT: 15.080 min Scan# 2209
Delta R.T. 0.006 min
Lab File: BF123677.D
Acq: 21 Apr 2021 20:40



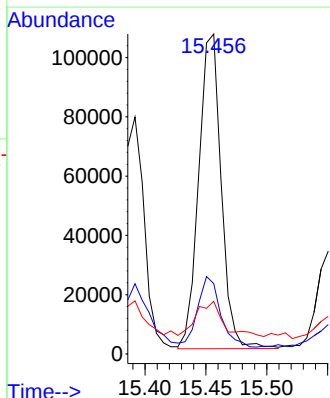
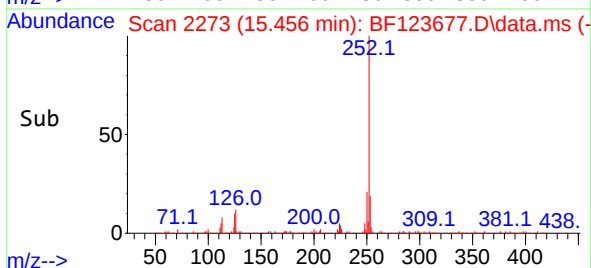
Tgt Ion:252 Resp: 211530
Ion Ratio Lower Upper
252 100
253 25.6 18.1 27.1
125 14.9 6.2 9.4#



#90
Benzo(a)pyrene
Concen: 5.25 ng
RT: 15.456 min Scan# 2273
Delta R.T. 0.012 min
Lab File: BF123677.D
Acq: 21 Apr 2021 20:40



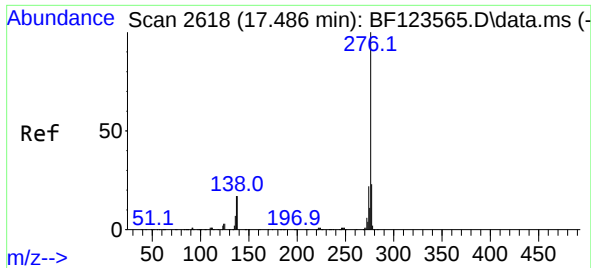
Tgt Ion:252 Resp: 136711
Ion Ratio Lower Upper
252 100
253 22.0 18.4 27.6
125 16.5 8.0 12.0#



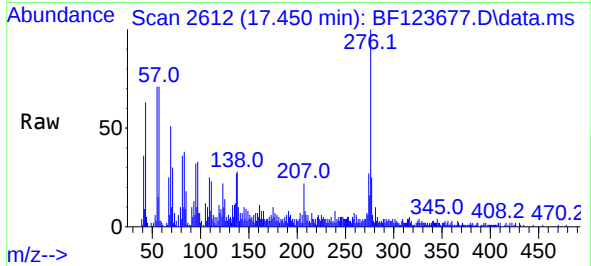
Instrument :
BNA_F
ClientSampleId :
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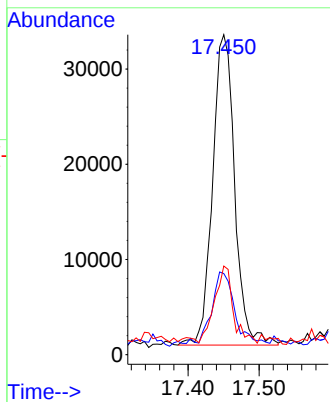
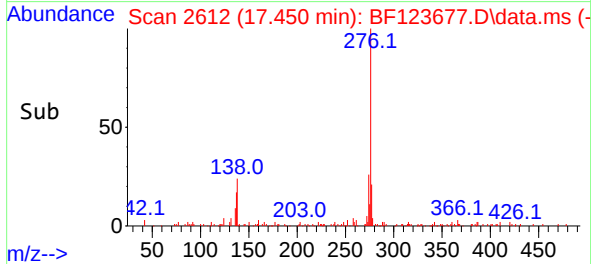
mohammad
4/22/2021 12:10:39 PM



#92
Benzo(g,h,i)perylene
Concen: 3.65 ng
RT: 17.450 min Scan# 2612
Delta R.T. 0.012 min
Lab File: BF123677.D
Acq: 21 Apr 2021 20:40



Tgt Ion:	276	Resp:	70599
Ion Ratio	Lower	Upper	
276	100		
277	25.3	18.2	27.2
138	27.7	13.8	20.6#



Instrument :
BNA_F
ClientSampleId :
SEDGWICK-COMP-4

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