

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020921\
 Data File : BF123168.D
 Acq On : 9 Feb 2021 17:00
 Operator : JU/CG
 Sample : M1341-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20057

Manual Integrations
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Quant Time: Feb 09 17:48:14 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 29 12:29:00 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	178270	20.00	ng	0.00
21) Naphthalene-d8	8.175	136	680313	20.00	ng	0.00
39) Acenaphthene-d10	9.939	164	317329	20.00	ng	0.00
64) Phenanthrene-d10	11.445	188	436335	20.00	ng	# 0.01
76) Chrysene-d12	14.086	240	405495	20.00	ng	0.00
86) Perylene-d12	15.574	264	395495	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	894362	77.39	ng	0.00
7) Phenol-d6	6.516	99	1089478	69.55	ng	0.00
23) Nitrobenzene-d5	7.451	82	681379	50.41	ng	-0.01
42) 2,4,6-Tribromophenol	10.739	330	257537	74.76	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	1044054	48.91	ng	0.00
79) Terphenyl-d14	13.033	244	833540	40.39	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	11.469	178	112508	4.15	ng	# 67
75) Fluoranthene	12.663	202	126208	4.66	ng	91
78) Pyrene	12.892	202	111520	3.64	ng	# 93
81) Benzo(a)anthracene	14.074	228	73311	2.67	ng	98
83) Chrysene	14.110	228	70395m	2.56	ng	
84) Bis(2-ethylhexyl)phtha...	14.062	149	57910	3.31	ng	# 93
88) Benzo(b)fluoranthene	15.133	252	98192m	3.44	ng	
90) Benzo(a)pyrene	15.509	252	64411	2.57	ng	# 90

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

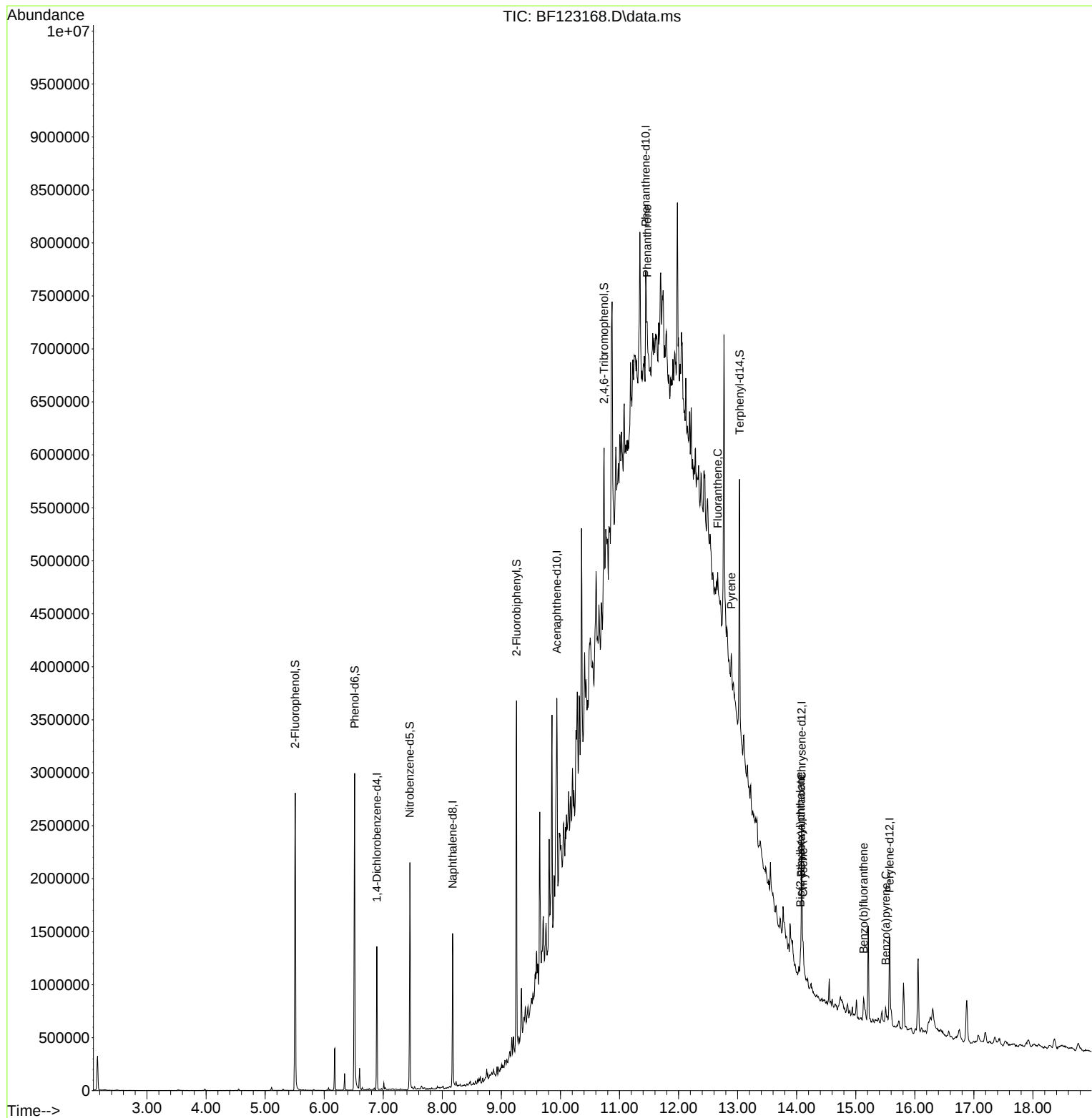
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020921\
Data File : BF123168.D
Acq On : 9 Feb 2021 17:00
Operator : JU/CG
Sample : M1341-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

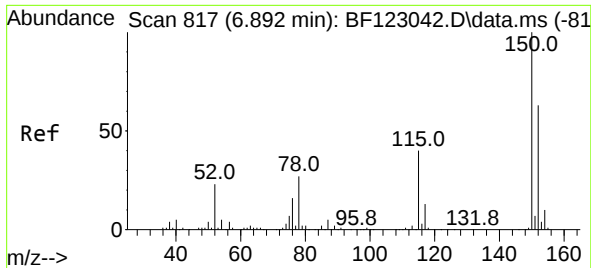
Instrument :
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ClientSampleId :
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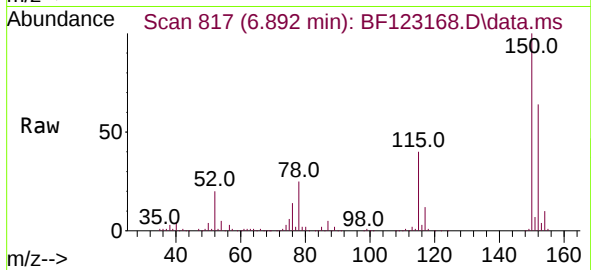
Quant Time: Feb 09 17:48:14 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 29 12:29:00 2021
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.892 min Scan# 817
Delta R.T. 0.000 min
Lab File: BF123168.D
Acq: 9 Feb 2021 17:00

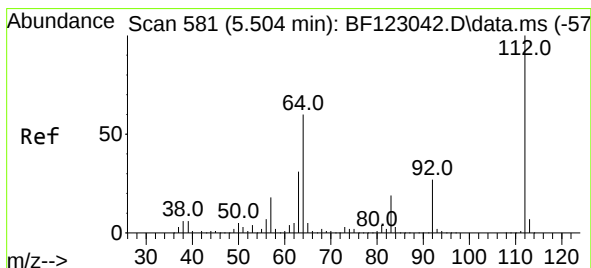
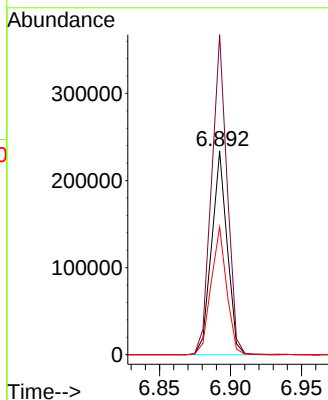
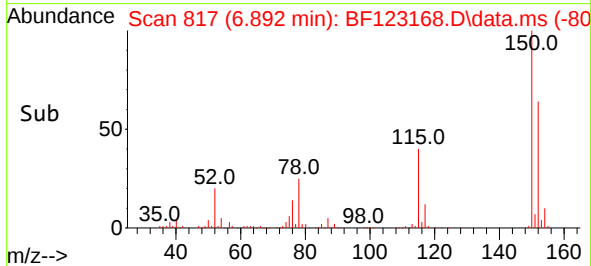
Instrument :
BNA_F
ClientSampled :
20057



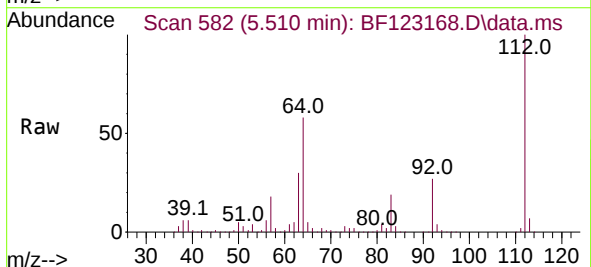
Tgt Ion:152 Resp: 178270
Ion Ratio Lower Upper
152 100
150 157.0 125.8 188.6
115 62.7 49.3 73.9

Manual Integrations
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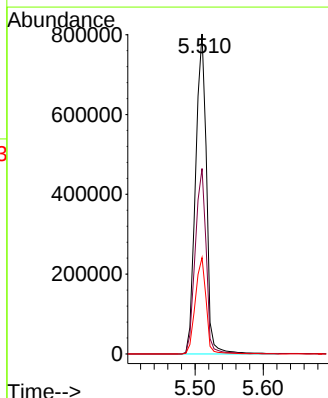
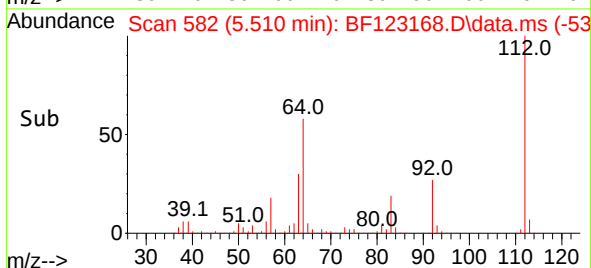
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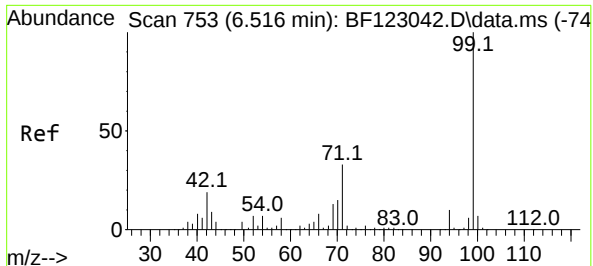


#5
2-Fluorophenol
Concen: 77.39 ng
RT: 5.510 min Scan# 582
Delta R.T. 0.006 min
Lab File: BF123168.D
Acq: 9 Feb 2021 17:00

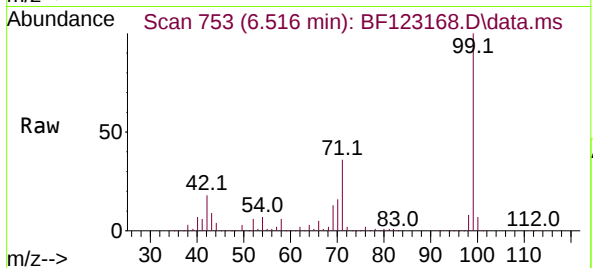


Tgt Ion:112 Resp: 894362
Ion Ratio Lower Upper
112 100
64 58.0 46.9 70.3
63 30.1 24.5 36.7



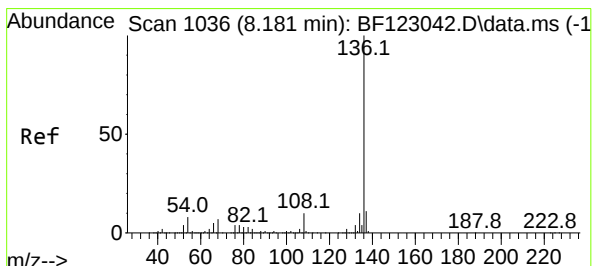
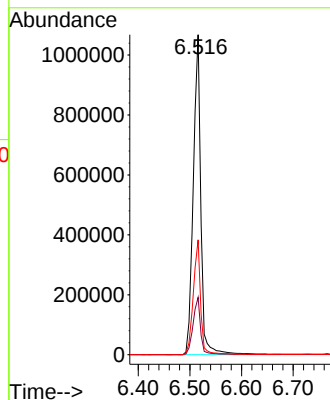
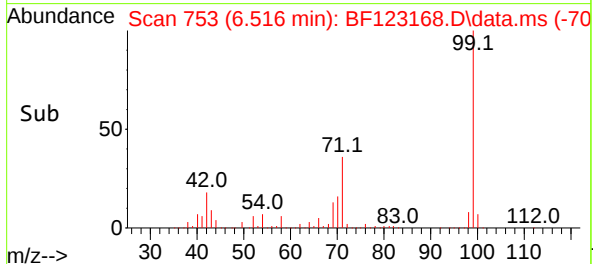


#7
Phenol-d6
Concen: 69.55 ng
RT: 6.516 min Scan# 753
Delta R.T. -0.000 min
Lab File: BF123168.D
Acq: 9 Feb 2021 17:00

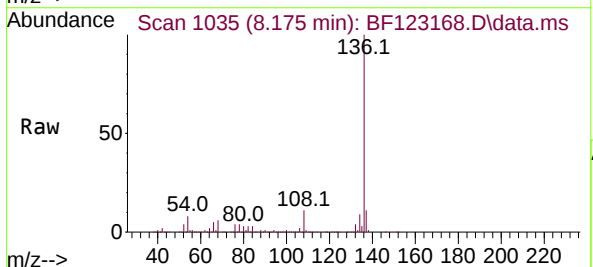


Tgt Ion: 99 Resp: 1089478

Ion	Ratio	Lower	Upper
99	100		
42	17.9	13.8	20.6
71	35.9	26.9	40.3

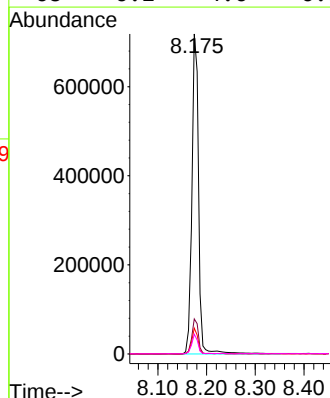
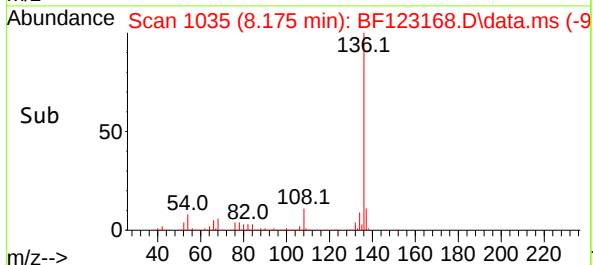


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.175 min Scan# 1035
Delta R.T. -0.006 min
Lab File: BF123168.D
Acq: 9 Feb 2021 17:00



Tgt Ion: 136 Resp: 680313

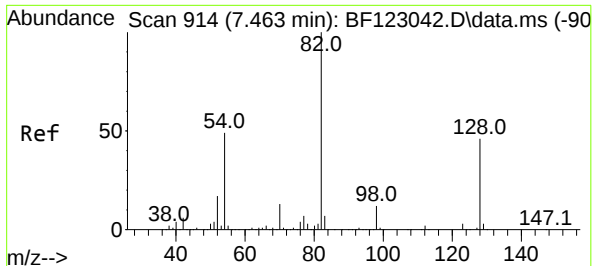
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	8.1	5.5	8.3
68	6.2	4.6	6.8



Instrument :
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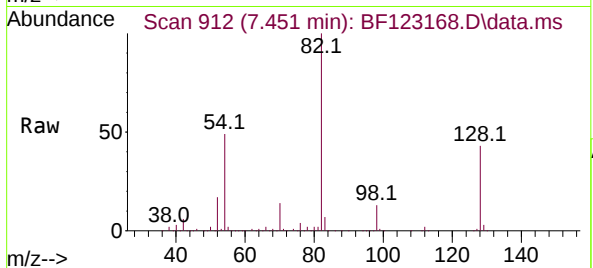
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#23
Nitrobenzene-d5
Concen: 50.41 ng
RT: 7.451 min Scan# 912
Delta R.T. -0.012 min
Lab File: BF123168.D
Acq: 9 Feb 2021 17:00

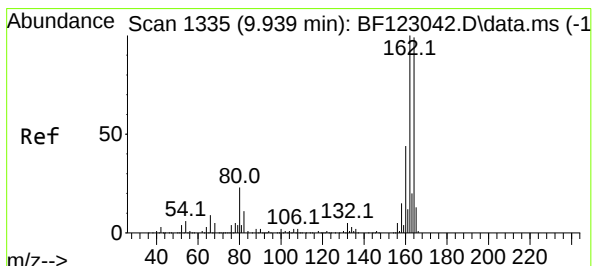
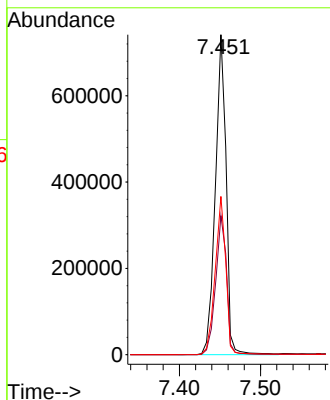
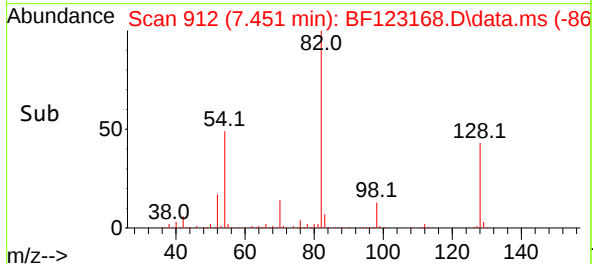
Instrument :
BNA_F
ClientSampled :
20057



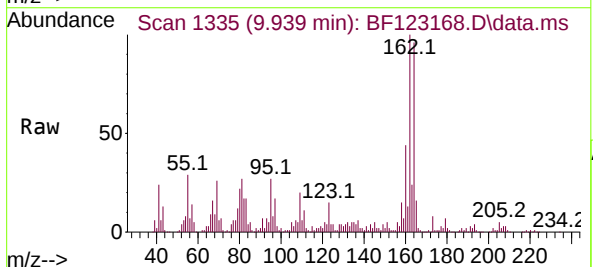
Tgt Ion: 82 Resp: 681379
Ion Ratio Lower Upper
82 100
128 43.4 37.0 55.4
54 49.5 38.4 57.6

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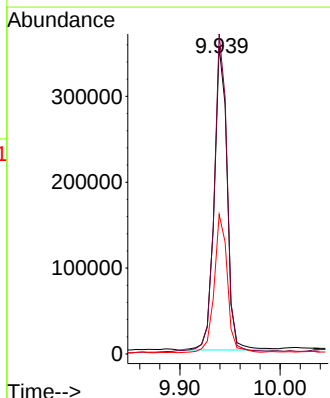
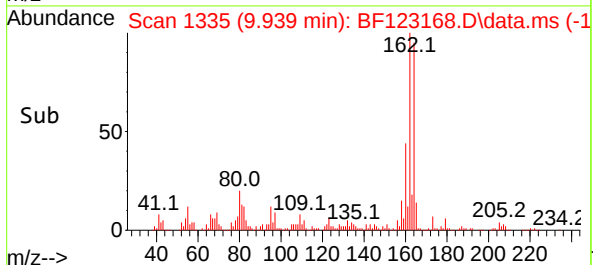
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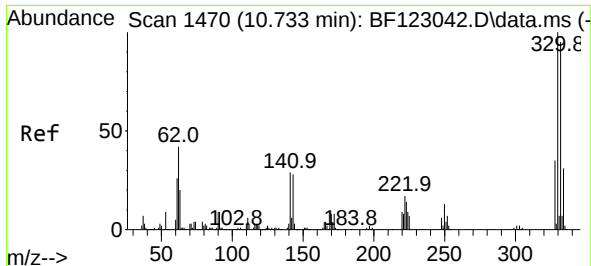


#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.939 min Scan# 1335
Delta R.T. 0.000 min
Lab File: BF123168.D
Acq: 9 Feb 2021 17:00



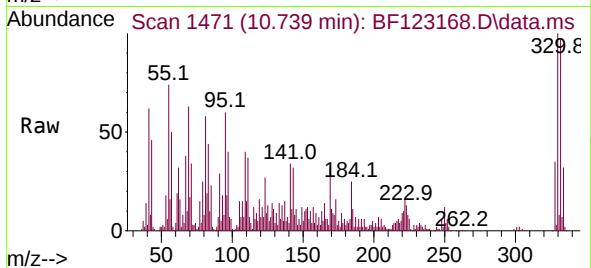
Tgt Ion: 164 Resp: 317329
Ion Ratio Lower Upper
164 100
162 104.0 80.8 121.2
160 45.4 35.4 53.0





#42
2,4,6-Tribromophenol
Concen: 74.76 ng
RT: 10.739 min Scan# 1471
Delta R.T. 0.006 min
Lab File: BF123168.D
Acq: 9 Feb 2021 17:00

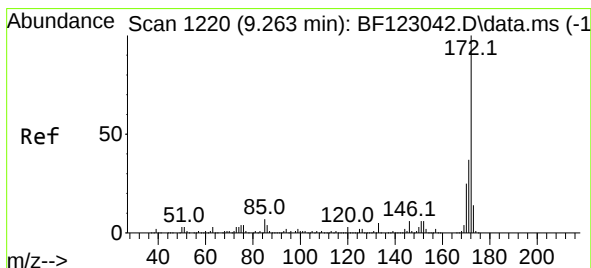
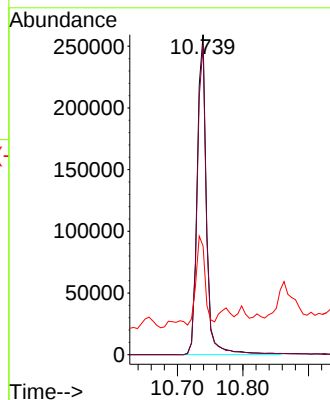
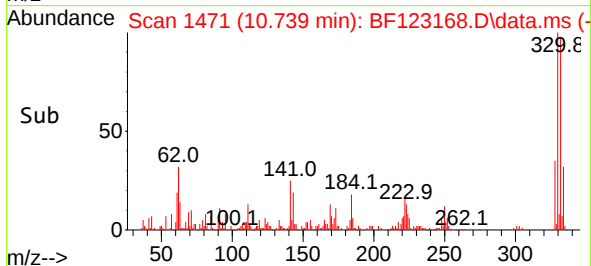
Instrument :
BNA_F
ClientSampled :
20057



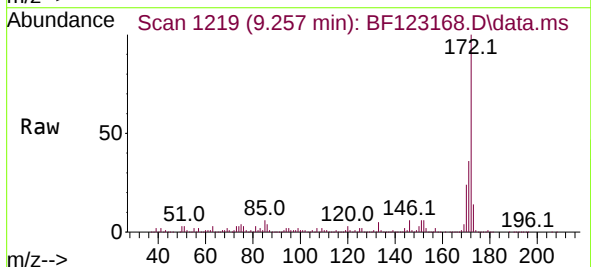
Tgt Ion:330 Resp: 257537
Ion Ratio Lower Upper
330 100
332 96.8 77.5 116.3
141 26.7 23.8 35.8

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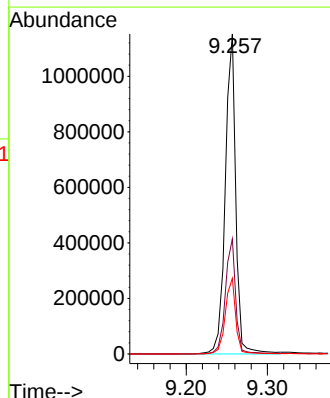
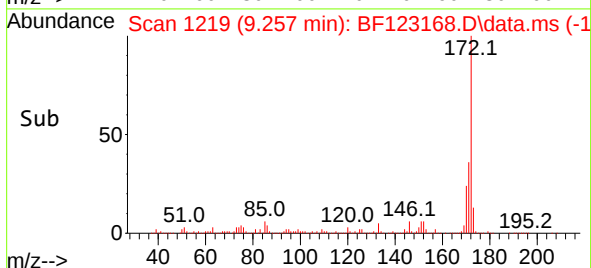
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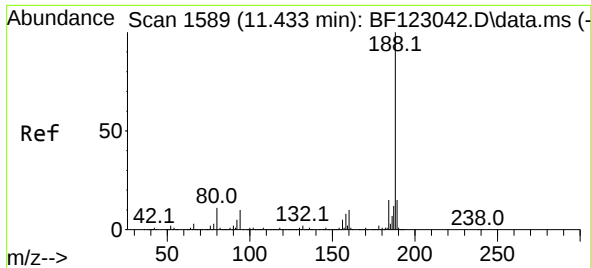


#45
2-Fluorobiphenyl
Concen: 48.91 ng
RT: 9.257 min Scan# 1219
Delta R.T. -0.006 min
Lab File: BF123168.D
Acq: 9 Feb 2021 17:00



Tgt Ion:172 Resp: 1044054
Ion Ratio Lower Upper
172 100
171 36.0 29.6 44.4
170 23.6 19.5 29.3





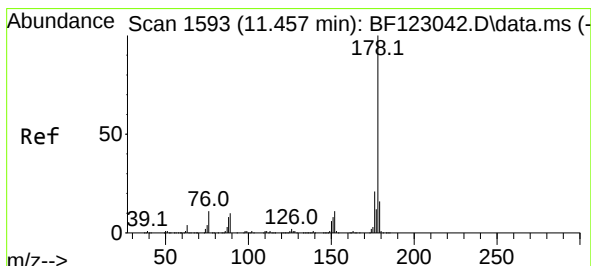
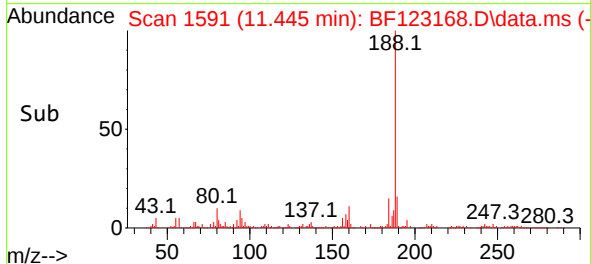
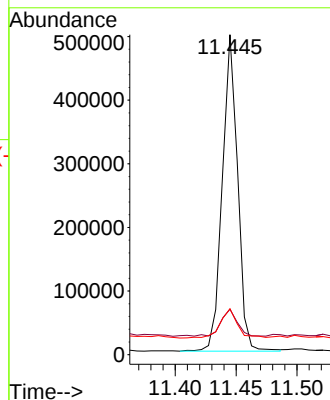
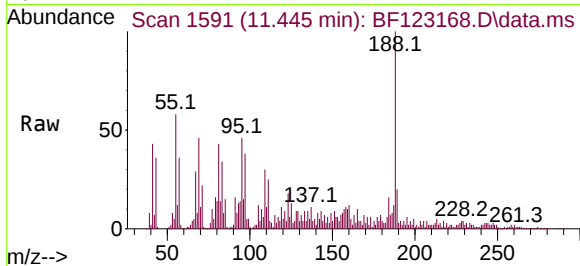
#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.445 min Scan# 1591
Delta R.T. 0.012 min
Lab File: BF123168.D
Acq: 9 Feb 2021 17:00

Tgt Ion:188 Resp: 436335
Ion Ratio Lower Upper
188 100
94 14.2 7.4 11.2#
80 14.4 8.2 12.4#

Instrument :
BNA_F
ClientSampleId :
20057

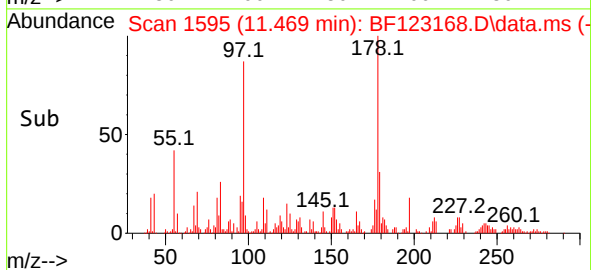
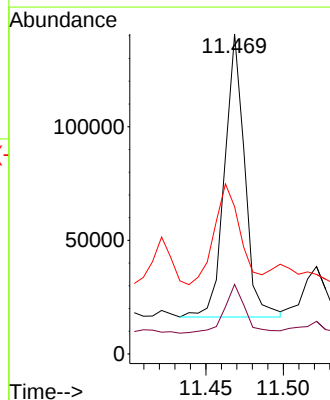
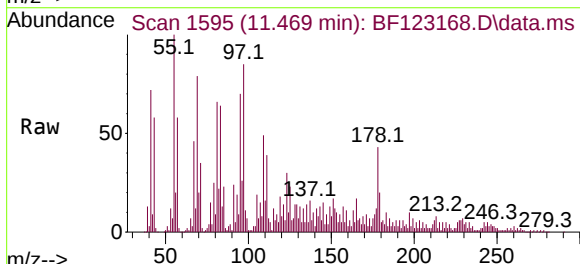
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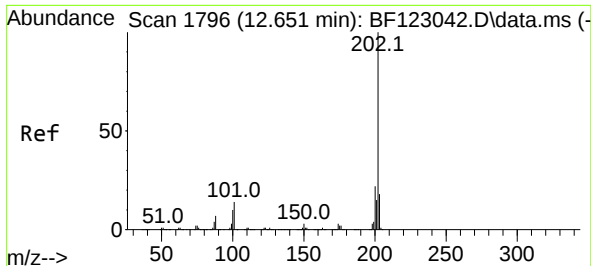
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#71
Phenanthrene
Concen: 4.15 ng
RT: 11.469 min Scan# 1595
Delta R.T. 0.012 min
Lab File: BF123168.D
Acq: 9 Feb 2021 17:00

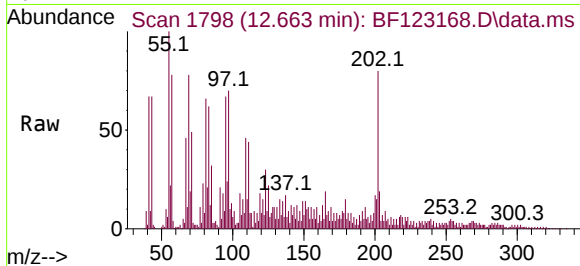
Tgt Ion:178 Resp: 112508
Ion Ratio Lower Upper
178 100
176 21.7 16.2 24.2
179 46.0 12.7 19.1#





#75
Fluoranthene
Concen: 4.66 ng
RT: 12.663 min Scan# 1798
Delta R.T. 0.012 min
Lab File: BF123168.D
Acq: 9 Feb 2021 17:00

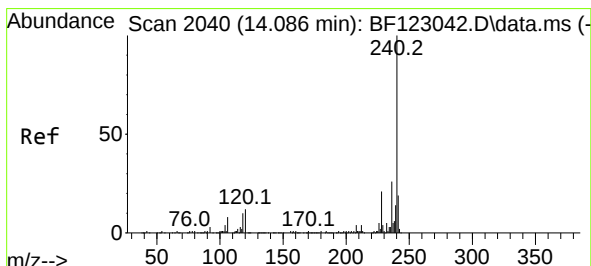
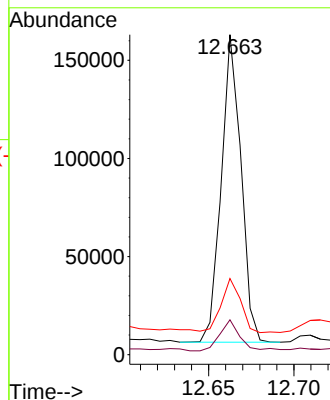
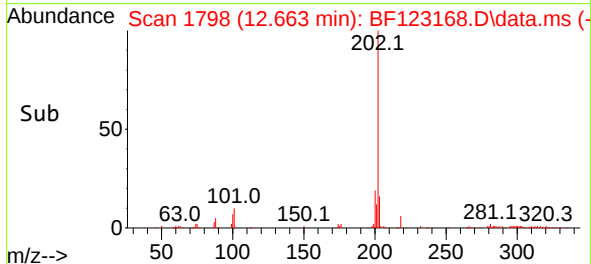
Instrument :
BNA_F
ClientSampled :
20057



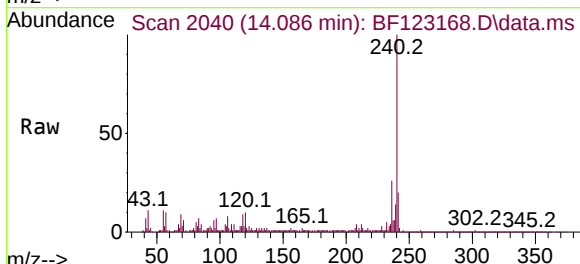
Tgt Ion:202 Resp: 126208
Ion Ratio Lower Upper
202 100
101 10.9 0.0 32.2
203 23.8 0.0 38.1

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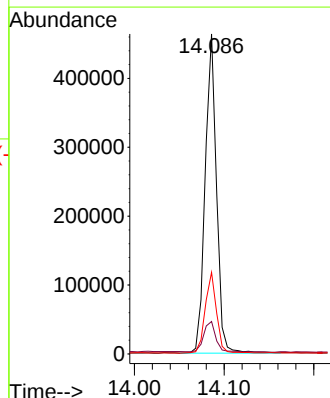
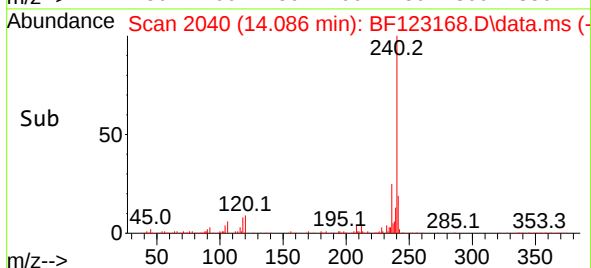
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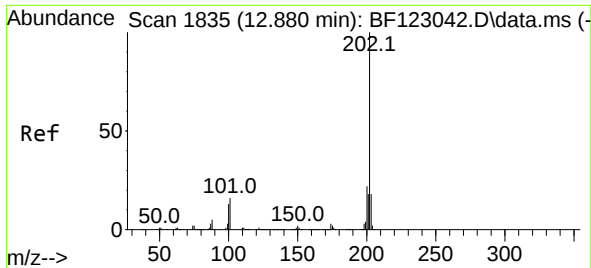


#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.086 min Scan# 2040
Delta R.T. -0.000 min
Lab File: BF123168.D
Acq: 9 Feb 2021 17:00



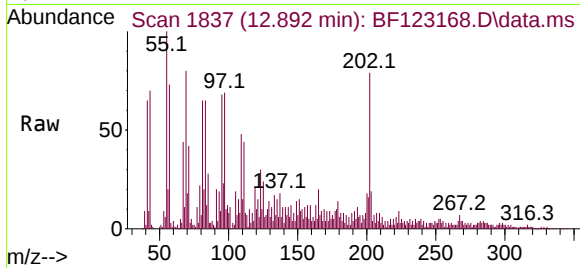
Tgt Ion:240 Resp: 405495
Ion Ratio Lower Upper
240 100
120 10.2 8.6 12.8
236 25.5 20.3 30.5





#78
Pyrene
Concen: 3.64 ng
RT: 12.892 min Scan# 1837
Delta R.T. 0.012 min
Lab File: BF123168.D
Acq: 9 Feb 2021 17:00

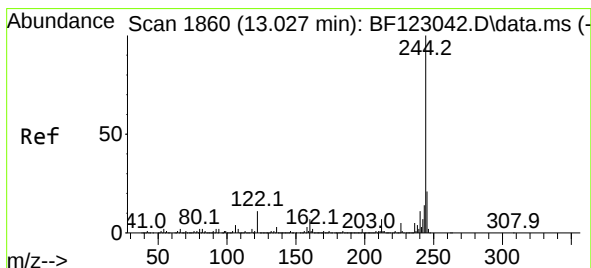
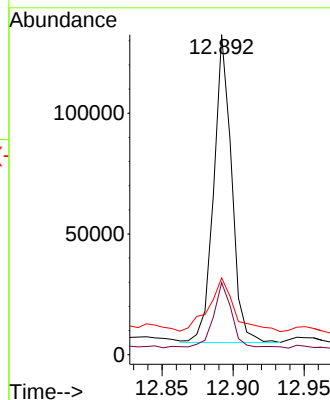
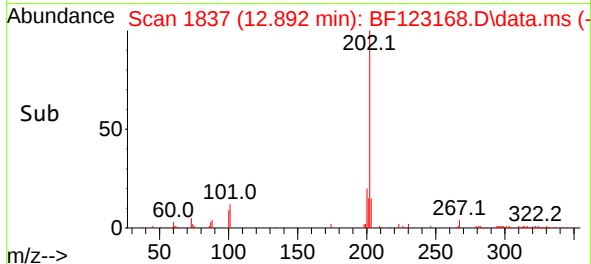
Instrument :
BNA_F
ClientSampled :
20057



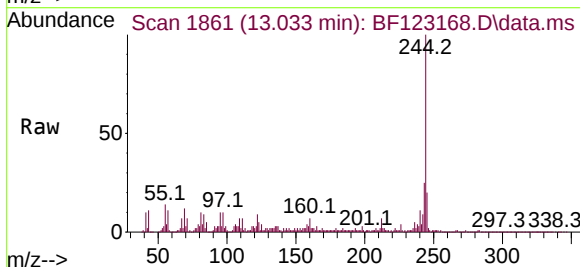
Tgt Ion:202 Resp: 111520
Ion Ratio Lower Upper
202 100
200 22.5 17.6 26.4
203 24.0 14.6 21.8#

Manual Integrations
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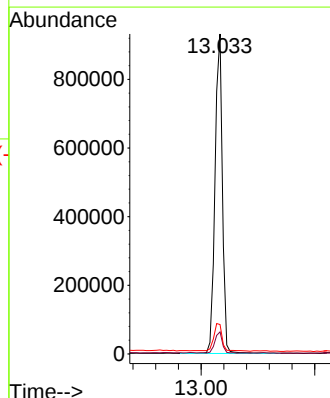
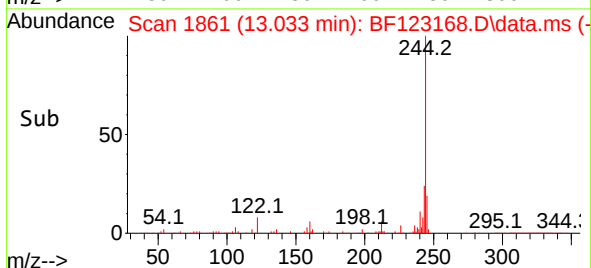
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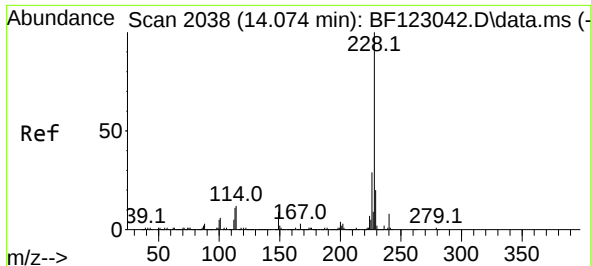


#79
Terphenyl-d14
Concen: 40.39 ng
RT: 13.033 min Scan# 1861
Delta R.T. 0.006 min
Lab File: BF123168.D
Acq: 9 Feb 2021 17:00



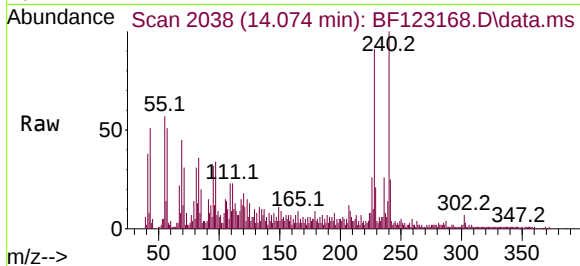
Tgt Ion:244 Resp: 833540
Ion Ratio Lower Upper
244 100
212 6.9 5.7 8.5
122 9.2 8.3 12.5





#81
Benzo(a)anthracene
Concen: 2.67 ng
RT: 14.074 min Scan# 2038
Delta R.T. -0.000 min
Lab File: BF123168.D
Acq: 9 Feb 2021 17:00

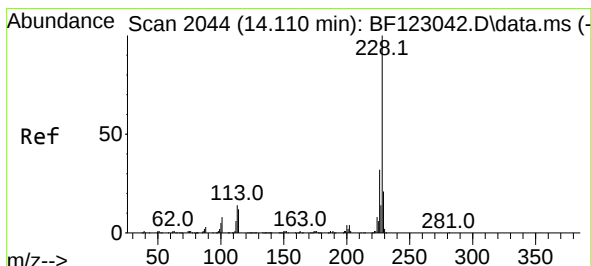
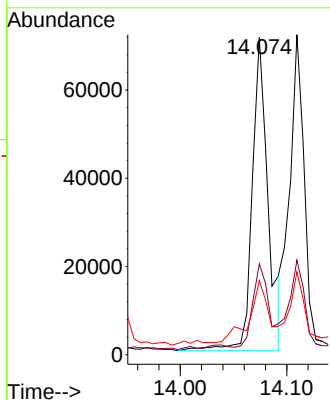
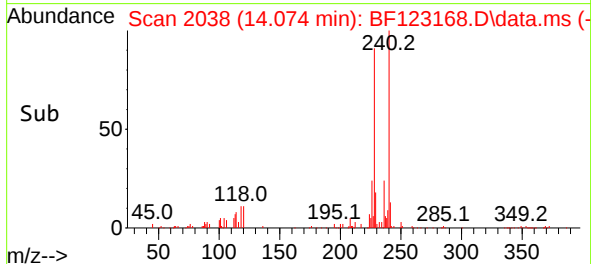
Instrument :
BNA_F
ClientSampled :
20057



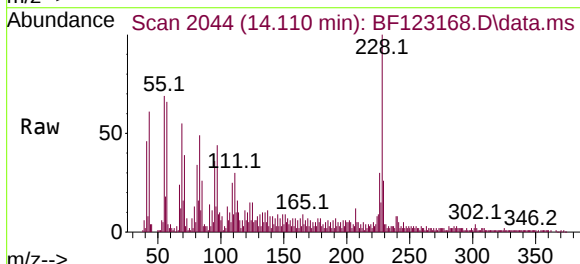
Tgt Ion:228 Resp: 73311
Ion Ratio Lower Upper
228 100
226 28.6 23.0 34.4
229 23.3 16.6 24.8

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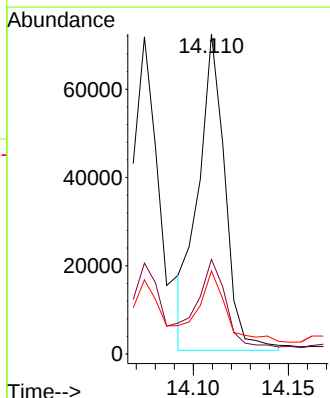
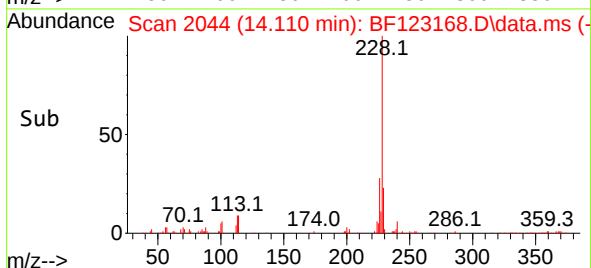
mohammad
2/10/2021 12:15:21 PM

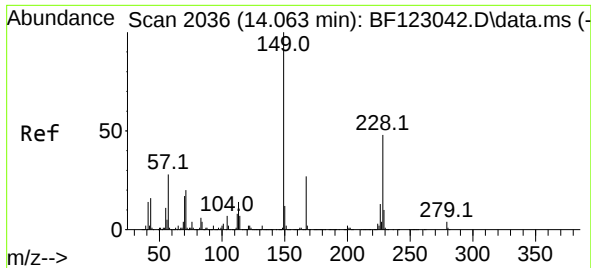


#83
Chrysene
Concen: 2.56 ng m
RT: 14.110 min Scan# 2044
Delta R.T. -0.000 min
Lab File: BF123168.D
Acq: 9 Feb 2021 17:00



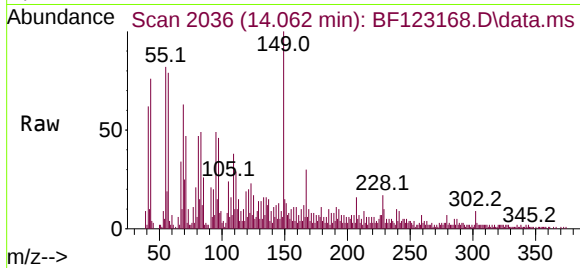
Tgt Ion:228 Resp: 70395
Ion Ratio Lower Upper
228 100
226 29.5 24.6 36.8
229 25.9 15.8 23.6#





#84
Bis(2-ethylhexyl)phthalate
Concen: 3.31 ng
RT: 14.062 min Scan# 2036
Delta R.T. -0.000 min
Lab File: BF123168.D
Acq: 9 Feb 2021 17:00

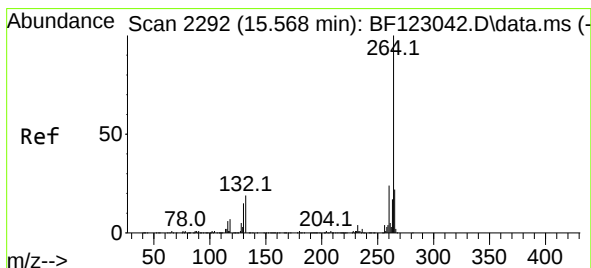
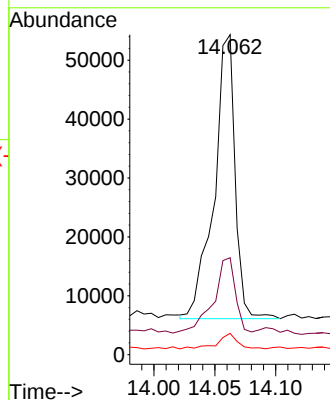
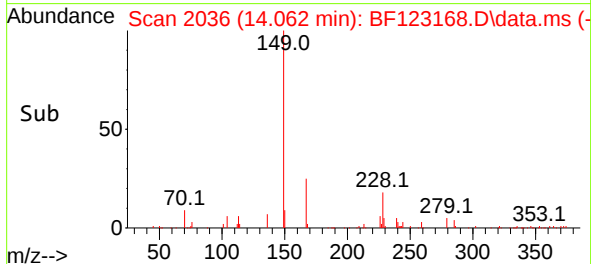
Instrument :
BNA_F
ClientSampled :
20057



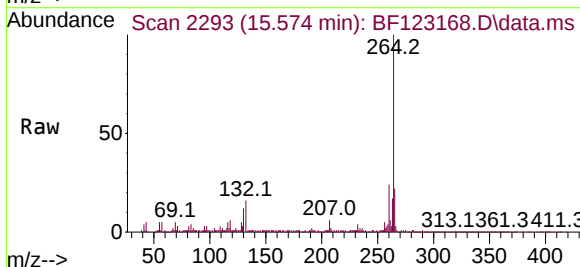
Tgt Ion:149 Resp: 57910
Ion Ratio Lower Upper
149 100
167 30.3 21.4 32.2
279 6.7 3.4 5.0#

Manual Integrations
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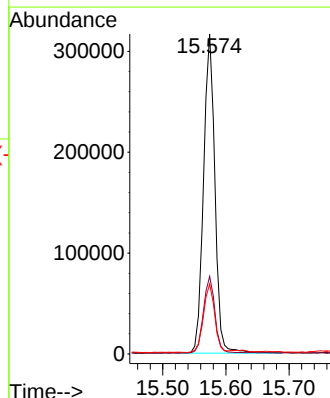
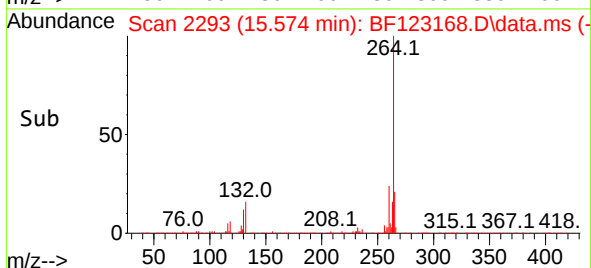
mohammad
2/10/2021 12:15:21 PM

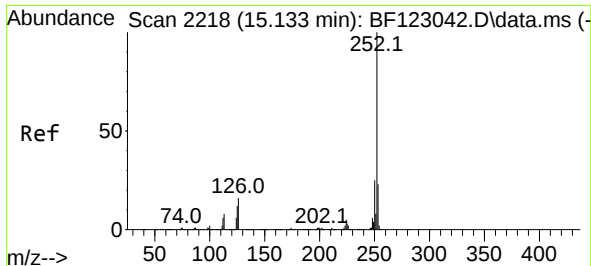


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.574 min Scan# 2293
Delta R.T. 0.006 min
Lab File: BF123168.D
Acq: 9 Feb 2021 17:00



Tgt Ion:264 Resp: 395495
Ion Ratio Lower Upper
264 100
260 24.3 18.6 28.0
265 21.9 17.0 25.6





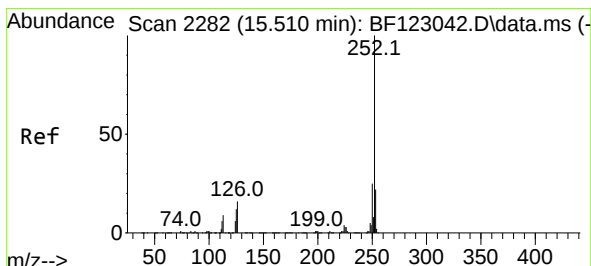
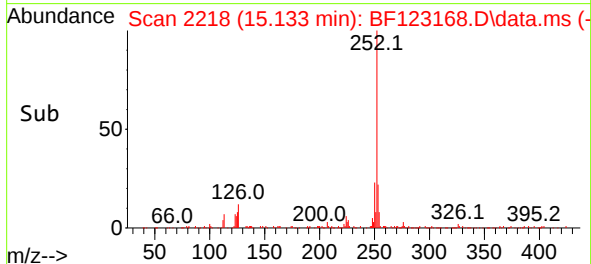
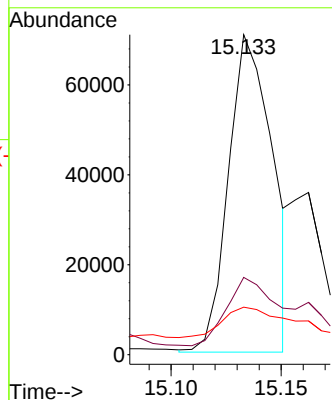
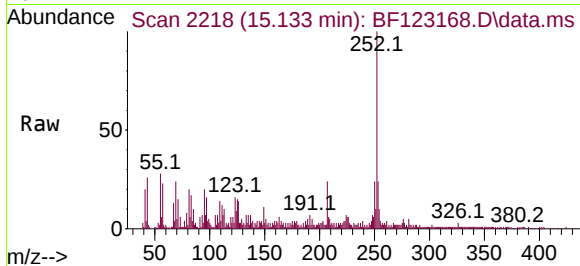
#88
Benzo(b)fluoranthene
Concen: 3.44 ng m
RT: 15.133 min Scan# 2218
Delta R.T. -0.000 min
Lab File: BF123168.D
Acq: 9 Feb 2021 17:00

Tgt Ion:252 Resp: 98192
Ion Ratio Lower Upper
252 100
253 24.1 18.3 27.5
125 14.9 8.1 12.1#

Instrument :
BNA_F
ClientSampled :
20057

Manual Integrations
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#90
Benzo(a)pyrene
Concen: 2.57 ng
RT: 15.509 min Scan# 2282
Delta R.T. -0.000 min
Lab File: BF123168.D
Acq: 9 Feb 2021 17:00

Tgt Ion:252 Resp: 64411
Ion Ratio Lower Upper
252 100
253 25.7 17.5 26.3
125 15.6 8.6 12.8#

