

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102820\
 Data File : BF122147.D
 Acq On : 28 Oct 2020 14:52
 Operator : JU/CG
 Sample : L4537-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S-1

Manual Integrations
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 10/29/2020 10:44:53 AM

Quant Time: Oct 28 15:34:06 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 26 17:27:32 2020
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.716	152	91306	20.00	ng	0.00
21) Naphthalene-d8	7.998	136	366992	20.00	ng	0.00
39) Acenaphthene-d10	9.745	164	186798	20.00	ng	0.00
64) Phenanthrene-d10	11.233	188	340127	20.00	ng	0.00
76) Chrysene-d12	13.880	240	220200	20.00	ng	0.00
86) Perylene-d12	15.316	264	205375	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.340	112	594691	96.13	ng	0.00
7) Phenol-d6	6.369	99	747382	93.85	ng	0.00
23) Nitrobenzene-d5	7.287	82	476433	66.58	ng	0.00
42) 2,4,6-Tribromophenol	10.539	330	205135	88.78	ng	0.00
45) 2-Fluorobiphenyl	9.069	172	663650	52.27	ng	0.00
79) Terphenyl-d14	12.816	244	529555	45.83	ng	0.00
Target Compounds						Qvalue
50) Dimethylphthalate	9.469	163	151488	11.09	ng	99
71) Phenanthrene	11.257	178	186679	10.01	ng	98
72) Anthracene	11.316	178	53397	2.76	ng	98
75) Fluoranthene	12.451	202	158439	7.92	ng	97
78) Pyrene	12.680	202	254897	15.19	ng	99
81) Benzo(a)anthracene	13.869	228	85252	5.91	ng	98
83) Chrysene	13.904	228	77892	5.50	ng	97
88) Benzo(b)fluoranthene	14.910	252	55050m	3.97	ng	
90) Benzo(a)pyrene	15.257	252	48930	4.08	ng	# 96
92) Benzo(g,h,i)perylene	17.162	276	24391	2.22	ng	96

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

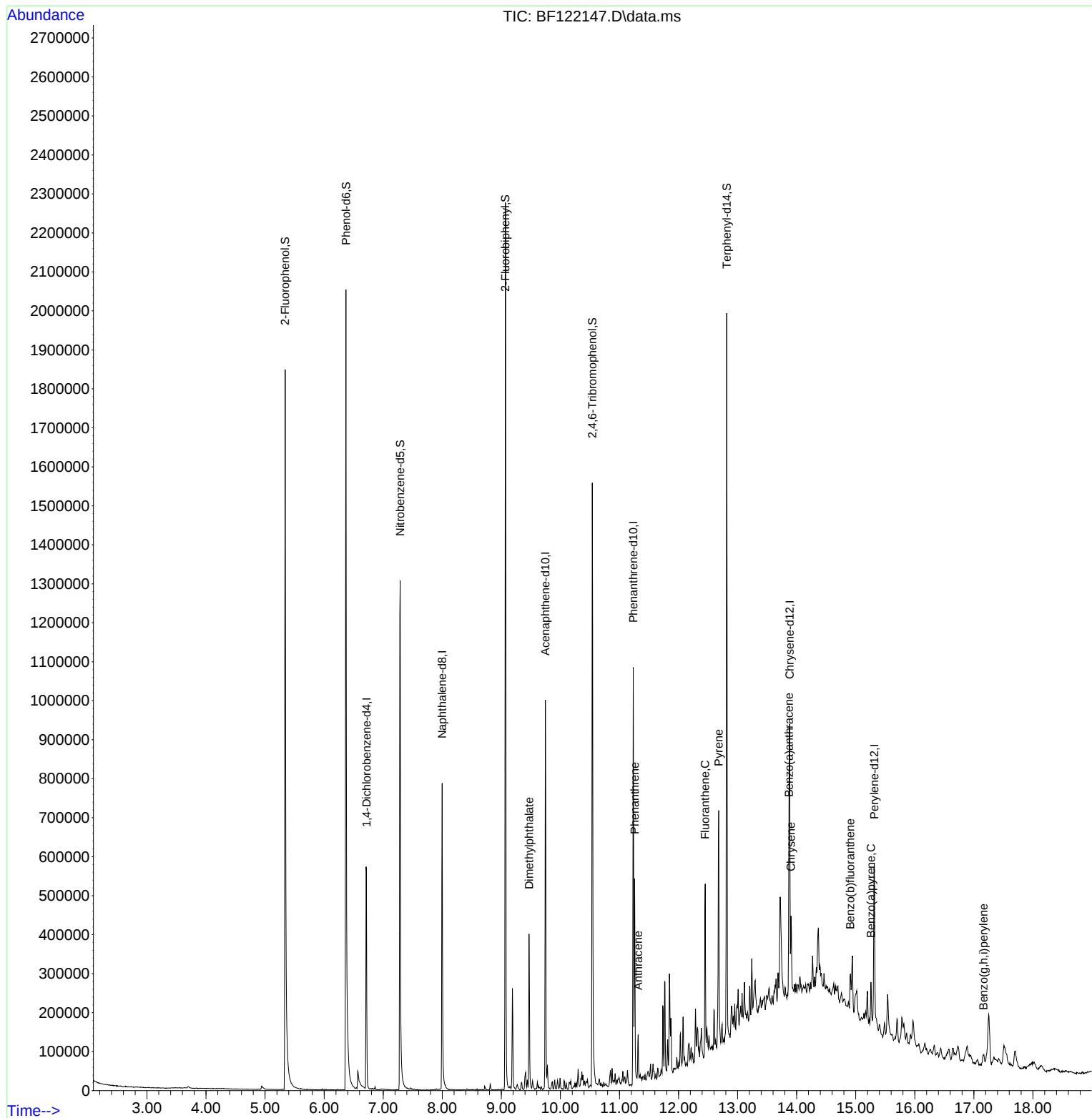
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102820\
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Acq On : 28 Oct 2020 14:52
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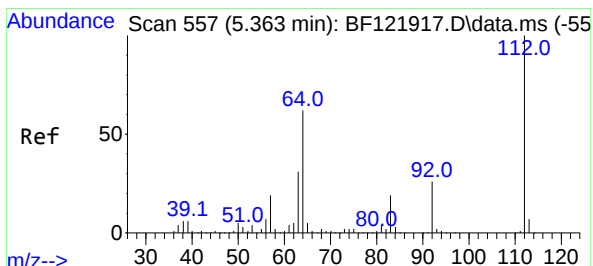
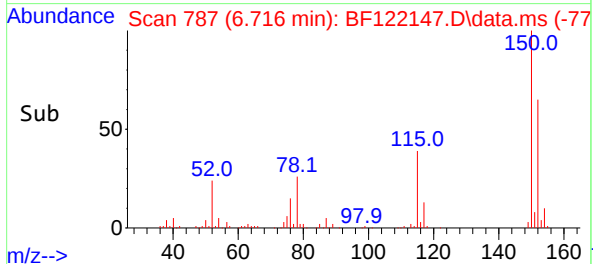
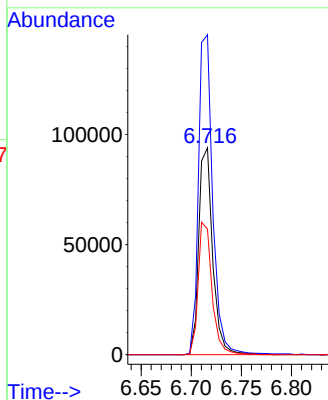
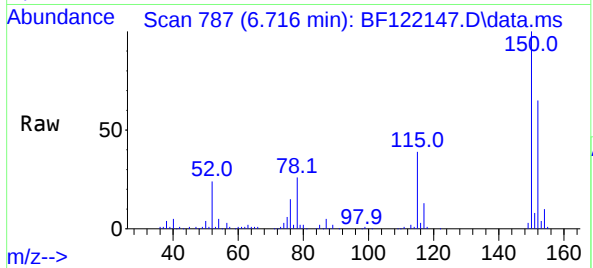
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.716 min Scan# 787
Delta R.T. 0.000 min
Lab File: BF122147.D
Acq: 28 Oct 2020 14:52

Tgt Ion:152 Resp: 91306
Ion Ratio Lower Upper
152 100
150 154.6 125.3 187.9
115 60.7 51.9 77.9

Instrument :
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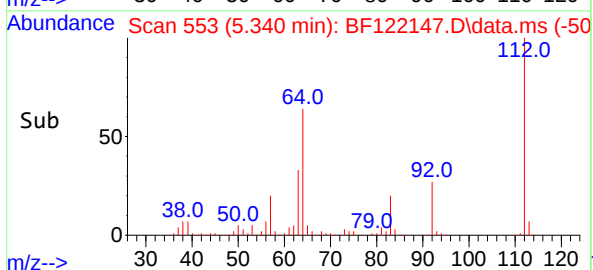
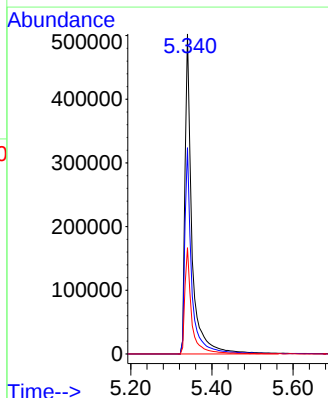
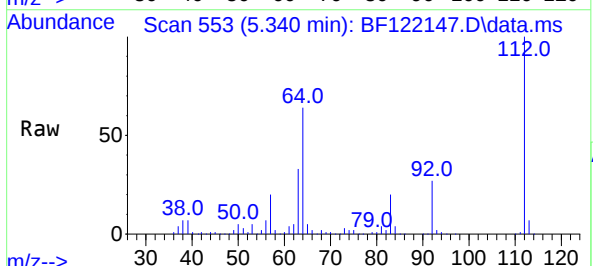
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#5
2-Fluorophenol
Concen: 96.13 ng
RT: 5.340 min Scan# 553
Delta R.T. 0.006 min
Lab File: BF122147.D
Acq: 28 Oct 2020 14:52

Tgt Ion:112 Resp: 594691
Ion Ratio Lower Upper
112 100
64 64.4 50.4 75.6
63 33.2 25.8 38.6





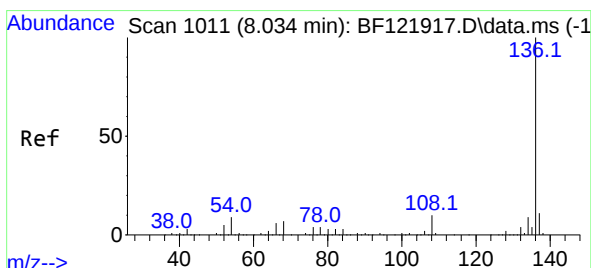
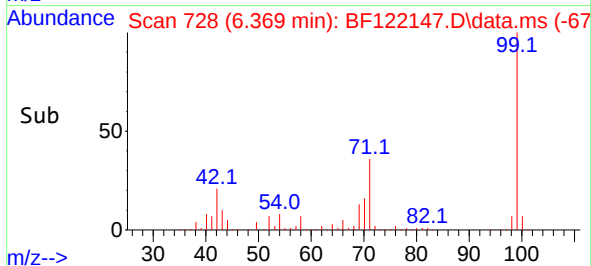
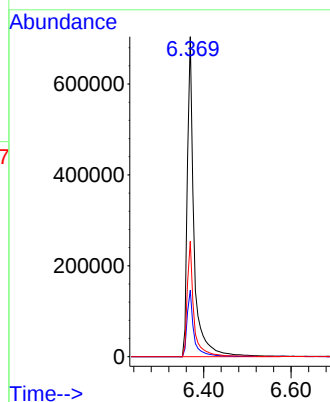
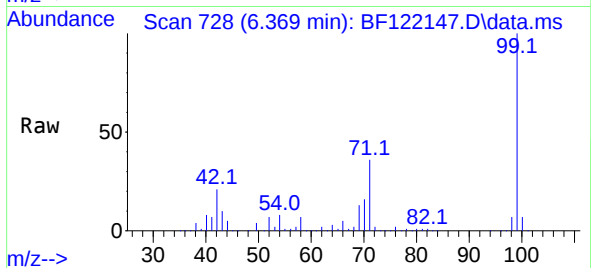
#7
Phenol-d6
Concen: 93.85 ng
RT: 6.369 min Scan# 728
Delta R.T. 0.000 min
Lab File: BF122147.D
Acq: 28 Oct 2020 14:52

Tgt Ion: 99 Resp: 747382
Ion Ratio Lower Upper
99 100
42 20.7 15.9 23.9
71 36.0 27.1 40.7

Instrument :
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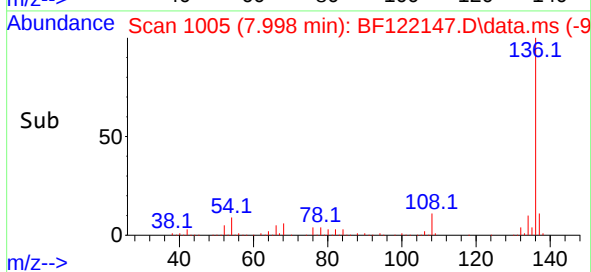
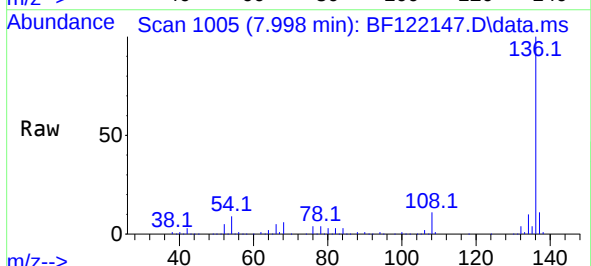
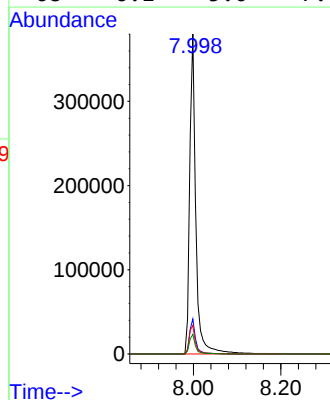
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#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.998 min Scan# 1005
Delta R.T. 0.000 min
Lab File: BF122147.D
Acq: 28 Oct 2020 14:52

Tgt Ion: 136 Resp: 366992
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 8.9 7.1 10.7
68 6.1 5.0 7.4





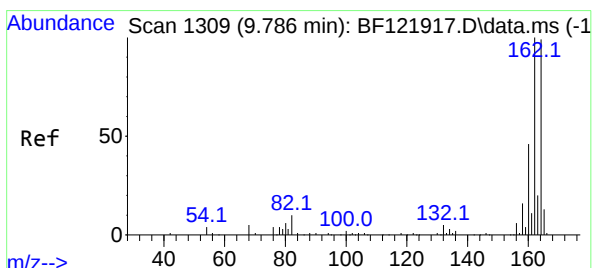
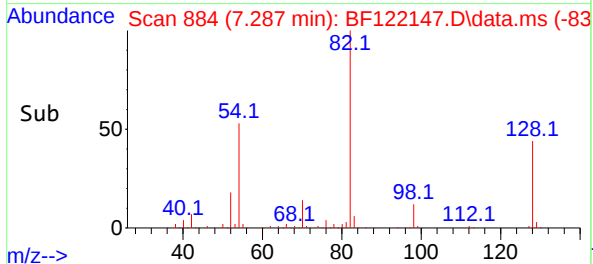
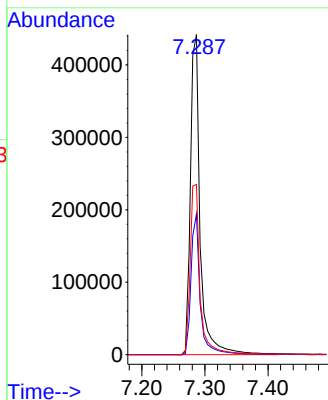
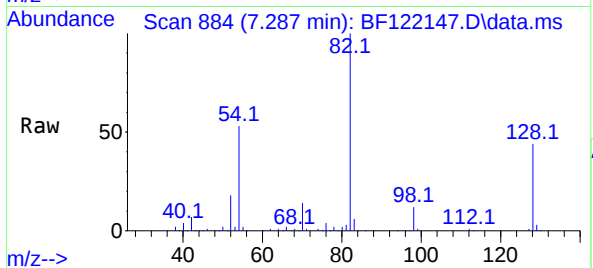
#23
Nitrobenzene-d5
Concen: 66.58 ng
RT: 7.287 min Scan# 884
Delta R.T. 0.000 min
Lab File: BF122147.D
Acq: 28 Oct 2020 14:52

Tgt Ion: 82 Resp: 476433
Ion Ratio Lower Upper
82 100
128 43.9 35.0 52.4
54 53.2 43.9 65.9

Instrument :
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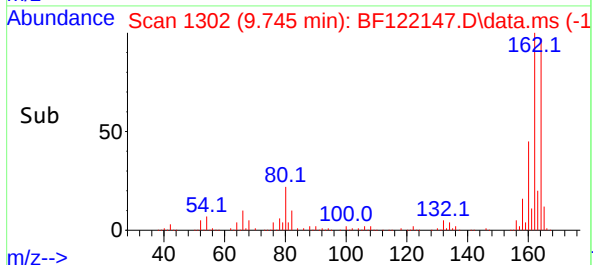
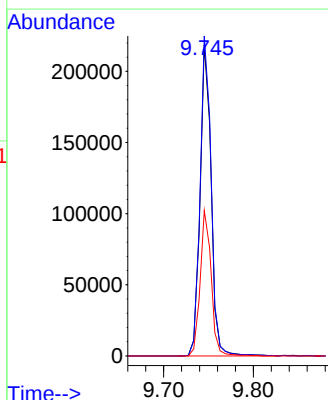
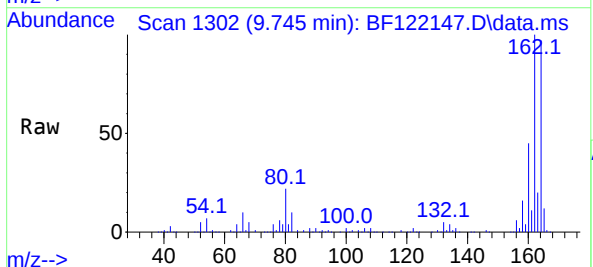
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#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.745 min Scan# 1302
Delta R.T. -0.006 min
Lab File: BF122147.D
Acq: 28 Oct 2020 14:52

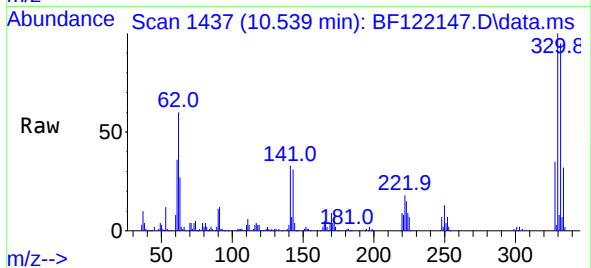
Tgt Ion:164 Resp: 186798
Ion Ratio Lower Upper
164 100
162 103.0 83.2 124.8
160 46.8 37.5 56.3





#42
2,4,6-Tribromophenol
Concen: 88.78 ng
RT: 10.539 min Scan# 1437
Delta R.T. -0.006 min
Lab File: BF122147.D
Acq: 28 Oct 2020 14:52

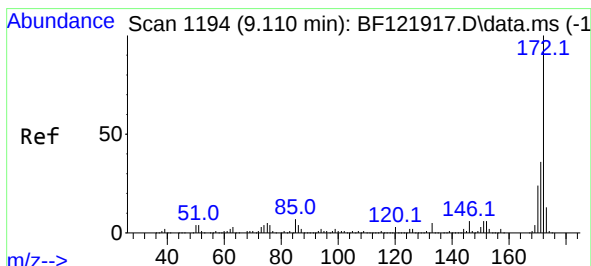
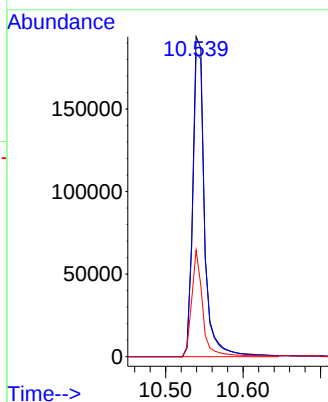
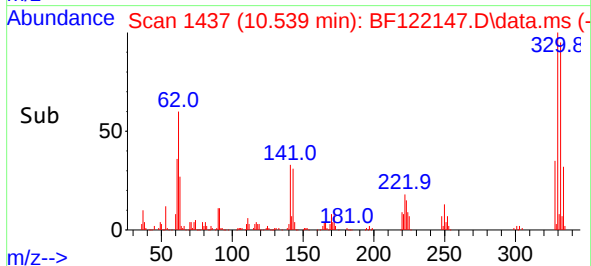
Instrument :
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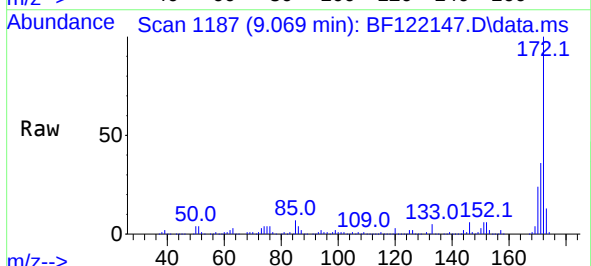
Tgt Ion:330 Resp: 205135
Ion Ratio Lower Upper
330 100
332 96.6 77.3 115.9
141 31.3 22.3 33.5

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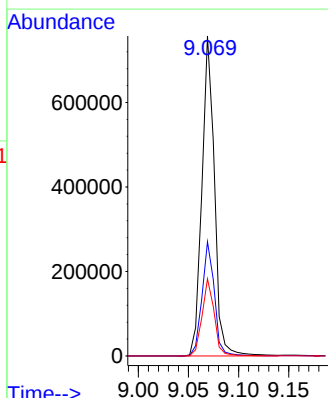
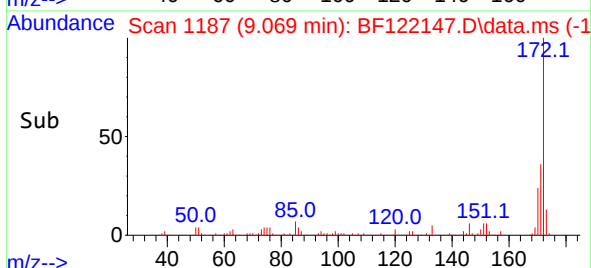
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#45
2-Fluorobiphenyl
Concen: 52.27 ng
RT: 9.069 min Scan# 1187
Delta R.T. -0.006 min
Lab File: BF122147.D
Acq: 28 Oct 2020 14:52



Tgt Ion:172 Resp: 663650
Ion Ratio Lower Upper
172 100
171 35.7 29.1 43.7
170 24.1 19.8 29.6





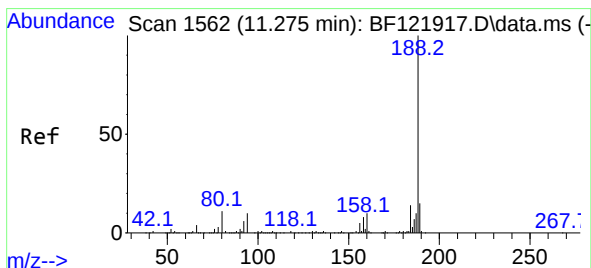
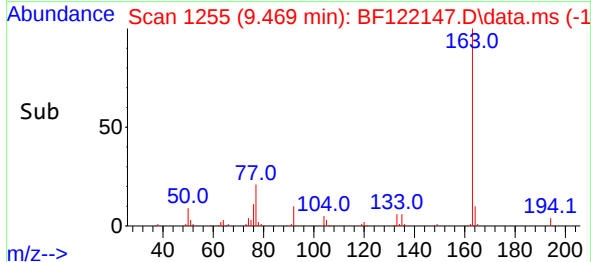
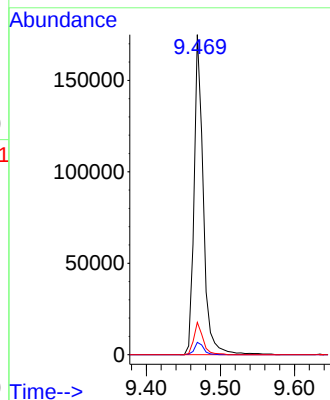
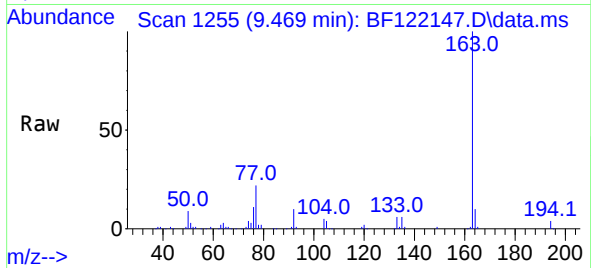
#50
Dimethylphthalate
Concen: 11.09 ng
RT: 9.469 min Scan# 1255
Delta R.T. -0.012 min
Lab File: BF122147.D
Acq: 28 Oct 2020 14:52

Tgt Ion:163 Resp: 151488
Ion Ratio Lower Upper
163 100
194 3.8 3.3 4.9
164 10.1 8.2 12.4

Instrument :
BNA_F
ClientSampled :
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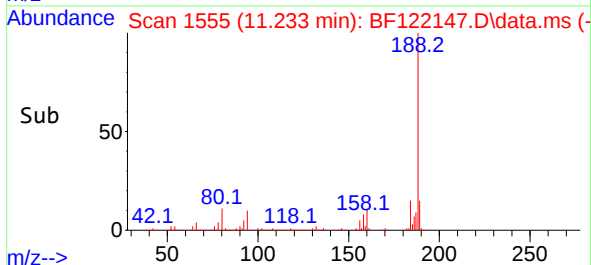
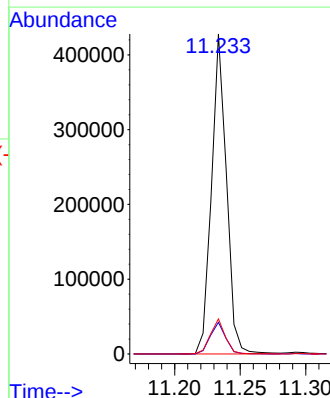
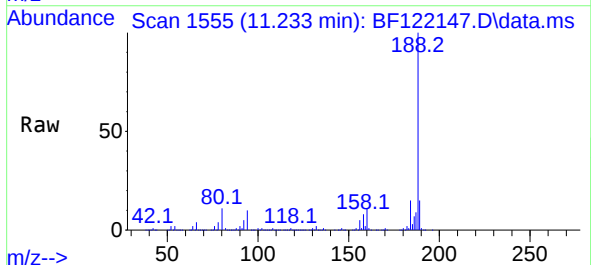
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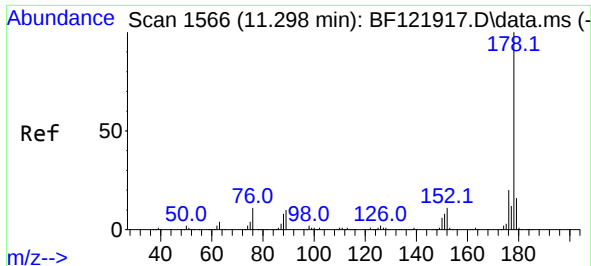
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#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.233 min Scan# 1555
Delta R.T. 0.000 min
Lab File: BF122147.D
Acq: 28 Oct 2020 14:52

Tgt Ion:188 Resp: 340127
Ion Ratio Lower Upper
188 100
94 9.9 8.3 12.5
80 10.9 9.1 13.7





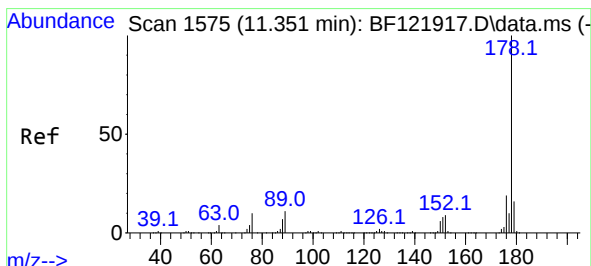
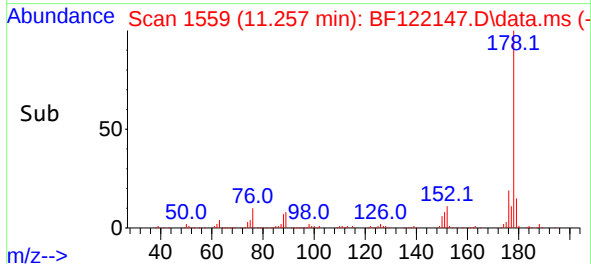
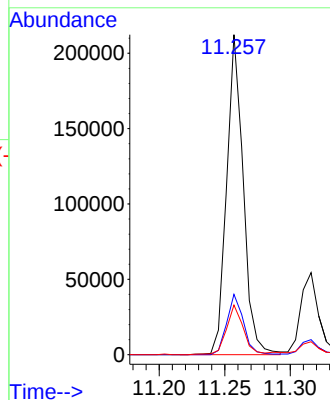
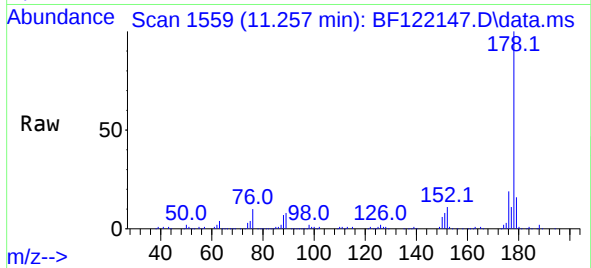
#71
Phenanthrene
Concen: 10.01 ng
RT: 11.257 min Scan# 1559
Delta R.T. -0.006 min
Lab File: BF122147.D
Acq: 28 Oct 2020 14:52

Tgt Ion:178 Resp: 186679
Ion Ratio Lower Upper
178 100
176 18.8 15.9 23.9
179 15.5 12.2 18.4

Instrument :
BNA_F
ClientSampled :
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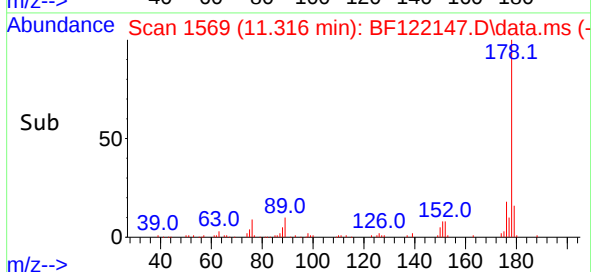
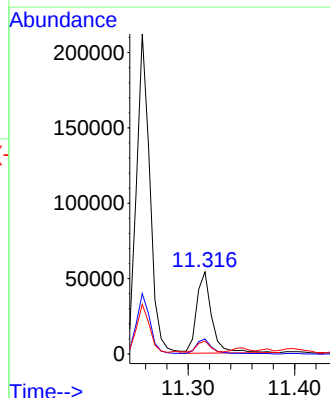
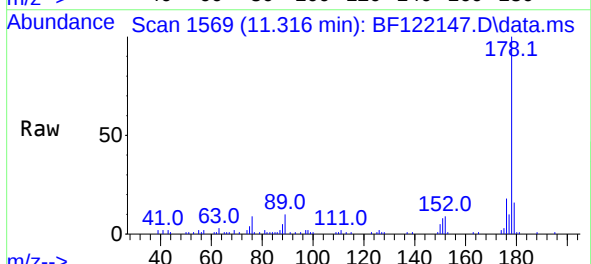
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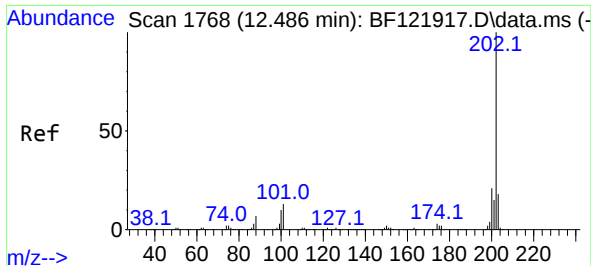
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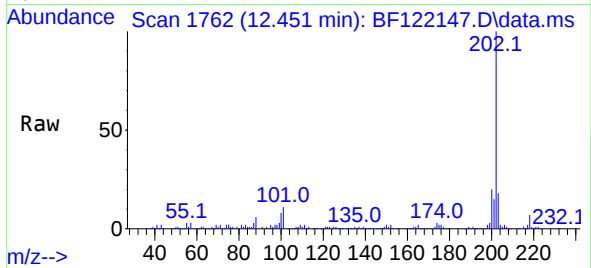
#72
Anthracene
Concen: 2.76 ng
RT: 11.316 min Scan# 1569
Delta R.T. 0.000 min
Lab File: BF122147.D
Acq: 28 Oct 2020 14:52

Tgt Ion:178 Resp: 53397
Ion Ratio Lower Upper
178 100
176 18.4 15.7 23.5
179 15.8 12.7 19.1

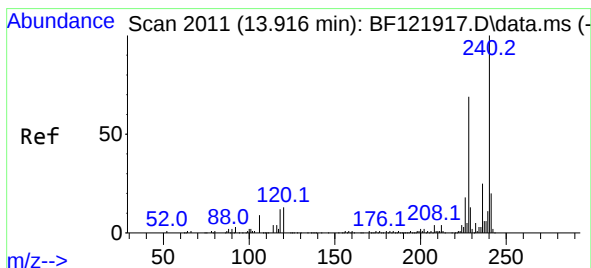
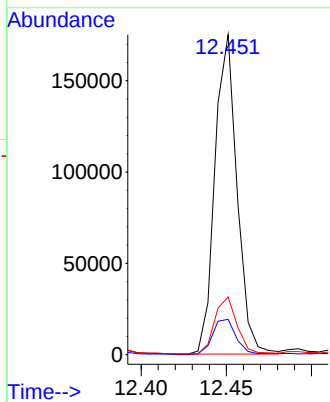
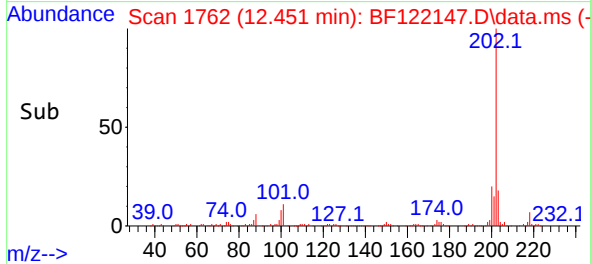




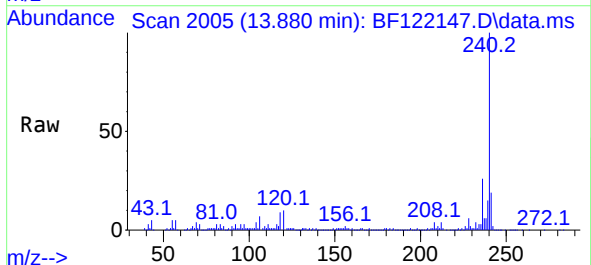
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Fluoranthene
Concen: 7.92 ng
RT: 12.451 min Scan# 1762
Delta R.T. 0.000 min
Lab File: BF122147.D
Acq: 28 Oct 2020 14:52



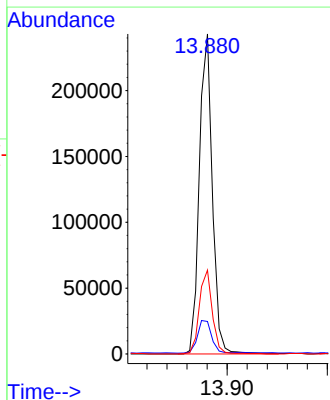
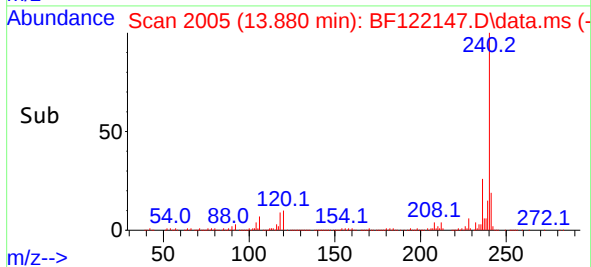
Tgt Ion:202 Resp: 158439
Ion Ratio Lower Upper
202 100
101 11.0 0.0 33.4
203 18.1 0.0 37.9



#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.880 min Scan# 2005
Delta R.T. 0.000 min
Lab File: BF122147.D
Acq: 28 Oct 2020 14:52



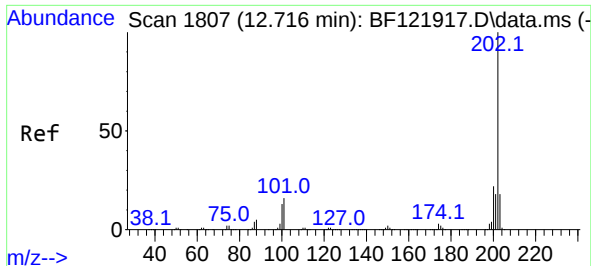
Tgt Ion:240 Resp: 220200
Ion Ratio Lower Upper
240 100
120 10.2 9.2 13.8
236 26.2 20.9 31.3



Instrument :
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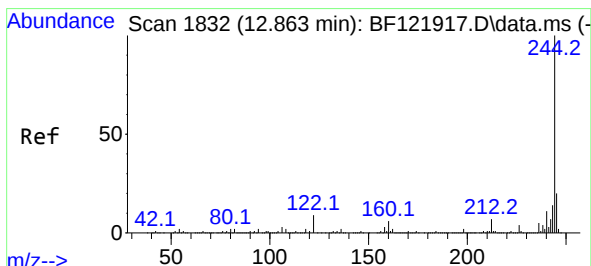
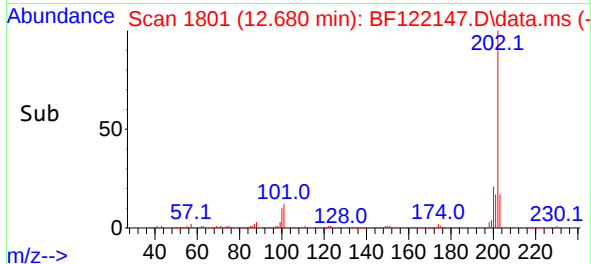
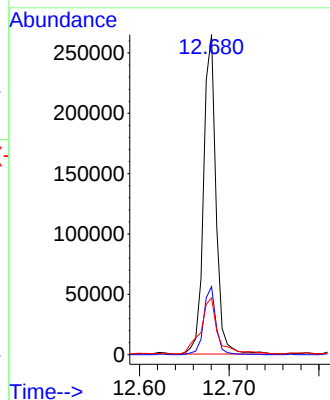
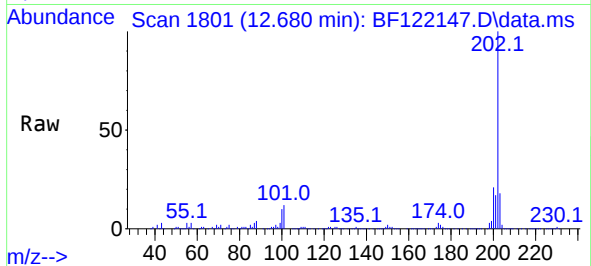
#78
Pyrene
Concen: 15.19 ng
RT: 12.680 min Scan# 1801
Delta R.T. 0.000 min
Lab File: BF122147.D
Acq: 28 Oct 2020 14:52

Tgt Ion:202 Resp: 254897
Ion Ratio Lower Upper
202 100
200 21.3 17.4 26.2
203 17.7 14.6 21.8

Instrument :
BNA_F
ClientSampled :
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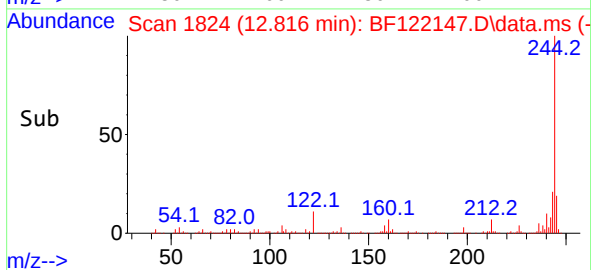
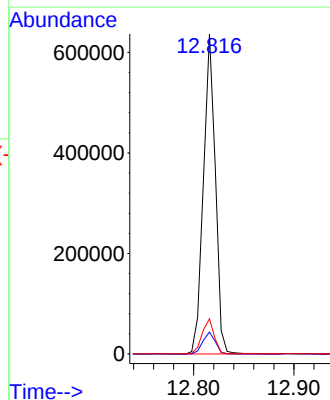
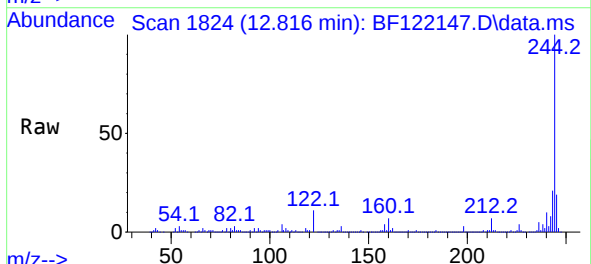
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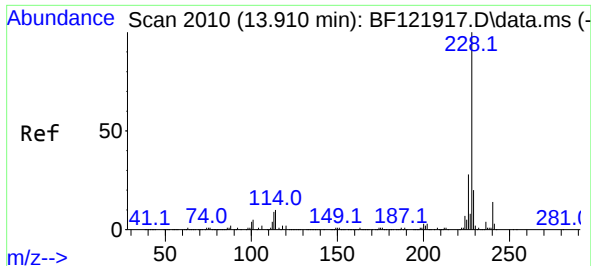
mohammad
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#79
Terphenyl-d14
Concen: 45.83 ng
RT: 12.816 min Scan# 1824
Delta R.T. 0.000 min
Lab File: BF122147.D
Acq: 28 Oct 2020 14:52

Tgt Ion:244 Resp: 529555
Ion Ratio Lower Upper
244 100
212 6.9 5.4 8.2
122 11.0 8.1 12.1





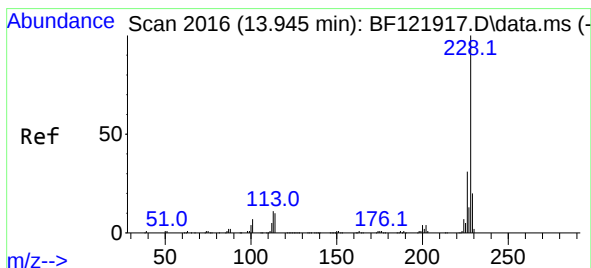
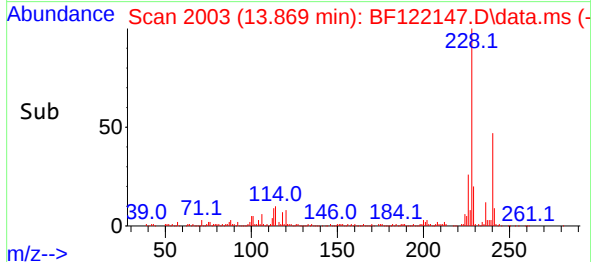
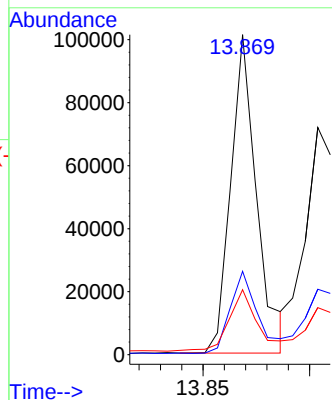
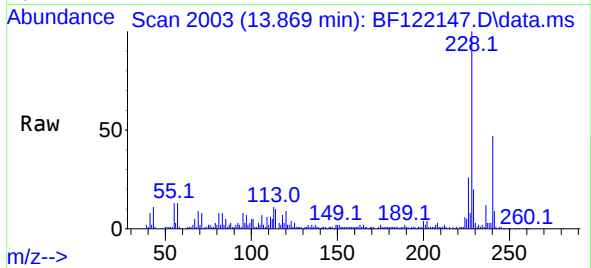
#81
Benzo(a)anthracene
Concen: 5.91 ng
RT: 13.869 min Scan# 2003
Delta R.T. 0.000 min
Lab File: BF122147.D
Acq: 28 Oct 2020 14:52

Tgt Ion:228 Resp: 85252
Ion Ratio Lower Upper
228 100
226 26.1 22.3 33.5
229 20.3 16.2 24.4

Instrument :
BNA_F
ClientSampled :
S-1

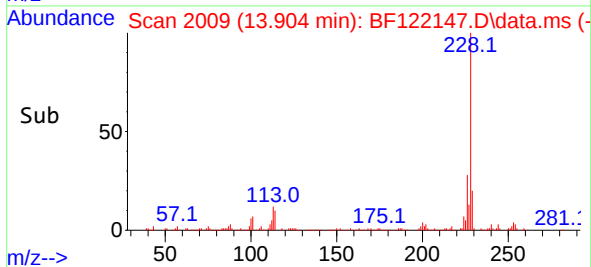
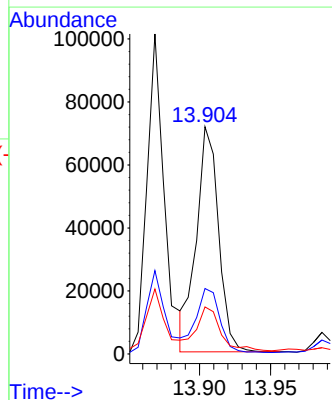
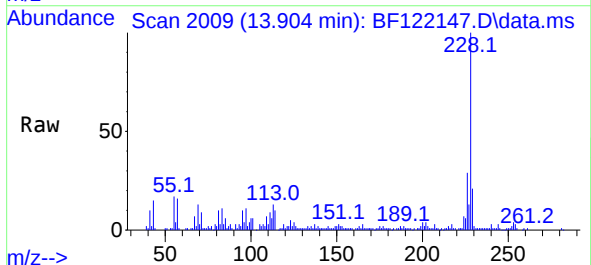
Manual Integrations
APPROVED

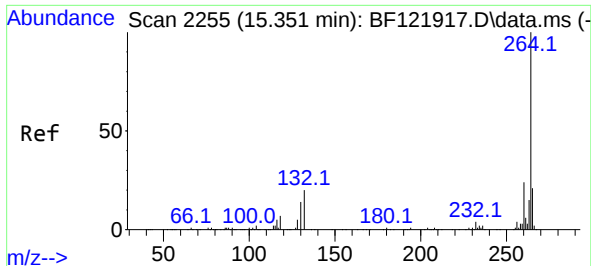
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#83
Chrysene
Concen: 5.50 ng
RT: 13.904 min Scan# 2009
Delta R.T. 0.000 min
Lab File: BF122147.D
Acq: 28 Oct 2020 14:52

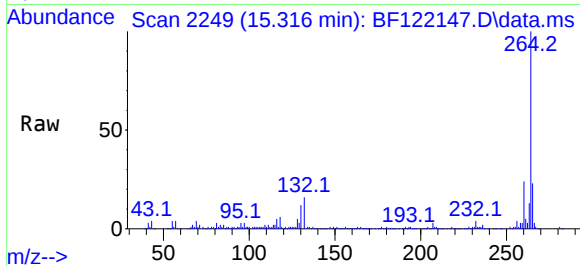
Tgt Ion:228 Resp: 77892
Ion Ratio Lower Upper
228 100
226 28.8 24.6 37.0
229 20.7 15.9 23.9





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.316 min Scan# 2249
Delta R.T. 0.012 min
Lab File: BF122147.D
Acq: 28 Oct 2020 14:52

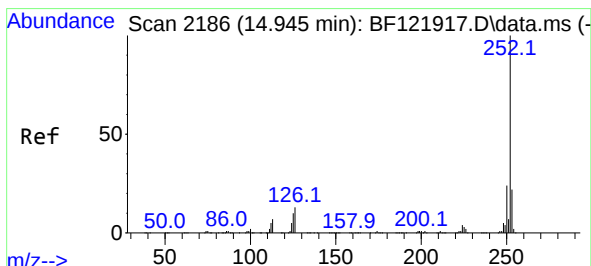
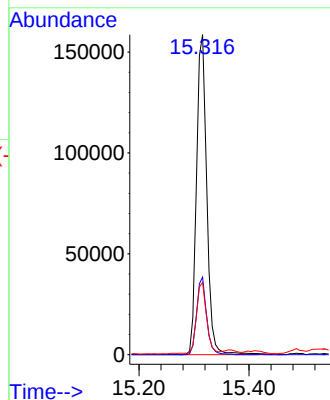
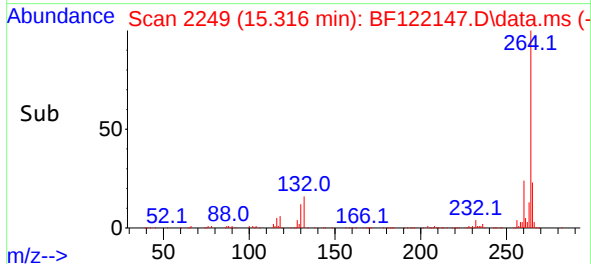
Instrument :
BNA_F
ClientSampled :
S-1



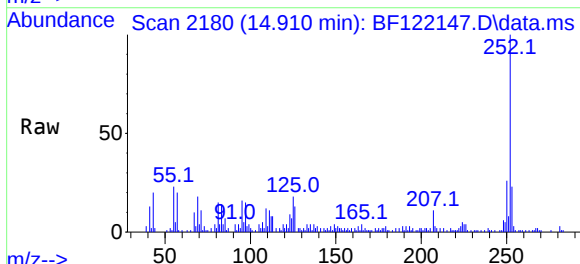
Tgt Ion:264 Resp: 205375
Ion Ratio Lower Upper
264 100
260 24.2 18.7 28.1
265 22.6 17.3 25.9

Manual Integrations
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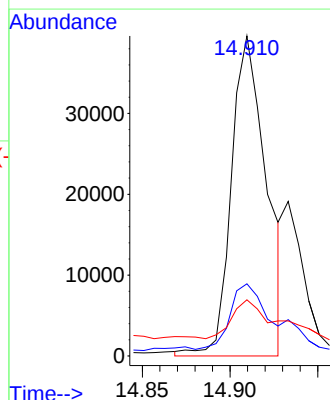
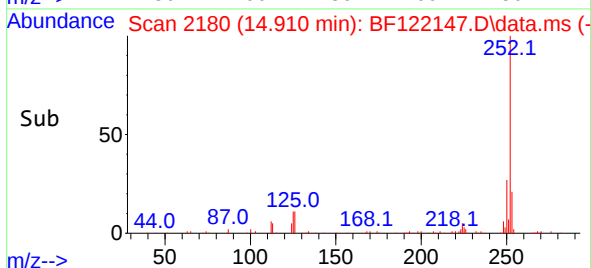
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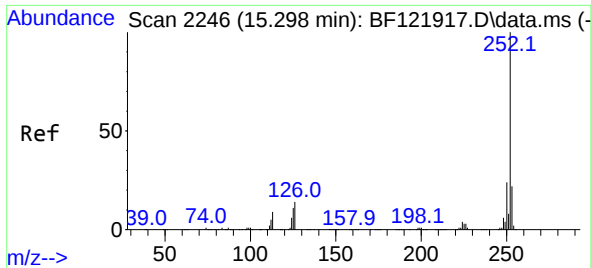


#88
Benzo(b)fluoranthene
Concen: 3.97 ng m
RT: 14.910 min Scan# 2180
Delta R.T. 0.012 min
Lab File: BF122147.D
Acq: 28 Oct 2020 14:52



Tgt Ion:252 Resp: 55050
Ion Ratio Lower Upper
252 100
253 22.5 18.2 27.2
125 17.6 8.0 12.0#





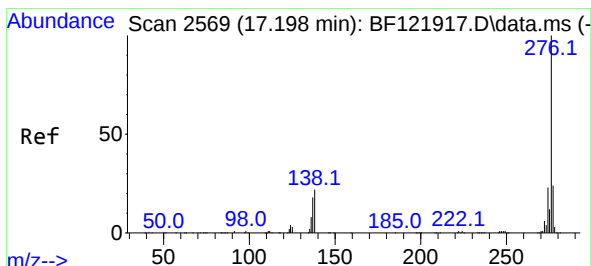
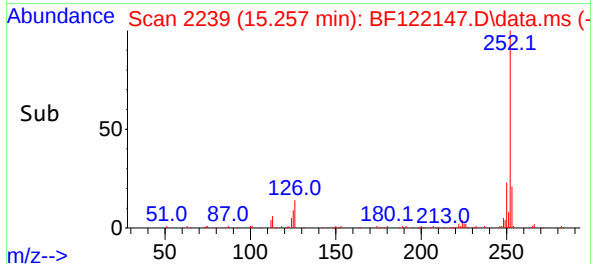
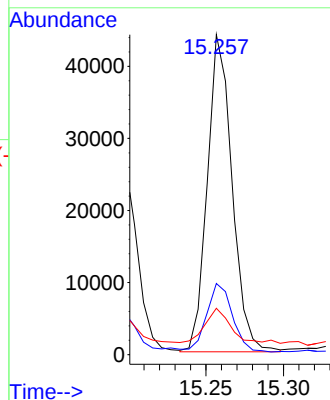
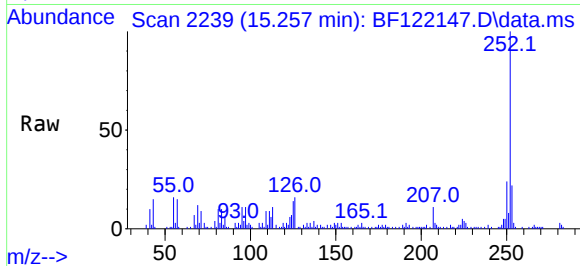
#90
Benzo(a)pyrene
Concen: 4.08 ng
RT: 15.257 min Scan# 2239
Delta R.T. 0.006 min
Lab File: BF122147.D
Acq: 28 Oct 2020 14:52

Tgt Ion: 252 Resp: 48930
Ion Ratio Lower Upper
252 100
253 22.2 17.3 25.9
125 14.5 8.6 13.0#

Instrument :
BNA_F
ClientSampled :
S-1

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#92
Benzo(g,h,i)perylene
Concen: 2.22 ng
RT: 17.162 min Scan# 2563
Delta R.T. 0.029 min
Lab File: BF122147.D
Acq: 28 Oct 2020 14:52

Tgt Ion: 276 Resp: 24391
Ion Ratio Lower Upper
276 100
277 26.3 19.4 29.2
138 20.7 17.8 26.6

