

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101420\
 Data File : BF121979.D
 Acq On : 15 Oct 2020 4:57
 Operator : JU/CG
 Sample : L4390-01
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BG-1

Manual Integrations
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Quant Time: Oct 15 06:27:07 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 12 16:22:33 2020
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.740	152	105483	20.00	ng	0.00
21) Naphthalene-d8	8.028	136	404321	20.00	ng	0.00
39) Acenaphthene-d10	9.775	164	194139	20.00	ng	-0.01
64) Phenanthrene-d10	11.263	188	311573	20.00	ng	-0.01
76) Chrysene-d12	13.904	240	240468	20.00	ng	-0.01
86) Perylene-d12	15.339	264	221363	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.363	112	544894	76.24	ng	0.00
7) Phenol-d6	6.387	99	699179	76.00	ng	-0.01
23) Nitrobenzene-d5	7.310	82	484256	61.42	ng	-0.01
42) 2,4,6-Tribromophenol	10.569	330	155124	64.59	ng	-0.01
45) 2-Fluorobiphenyl	9.098	172	786139	59.58	ng	-0.01
79) Terphenyl-d14	12.845	244	592342	46.94	ng	-0.02
Target Compounds						Qvalue
50) Dimethylphthalate	9.498	163	108863	7.67	ng	97
71) Phenanthrene	11.286	178	59294	3.47	ng	100
75) Fluoranthene	12.474	202	105450	5.76	ng	98
78) Pyrene	12.704	202	98776	5.39	ng	99
81) Benzo(a)anthracene	13.892	228	36093	2.29	ng	95
83) Chrysene	13.927	228	52489	3.39	ng	98
88) Benzo(b)fluoranthene	14.927	252	58526m	3.91	ng	
90) Benzo(a)pyrene	15.280	252	37898	2.93	ng	98

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

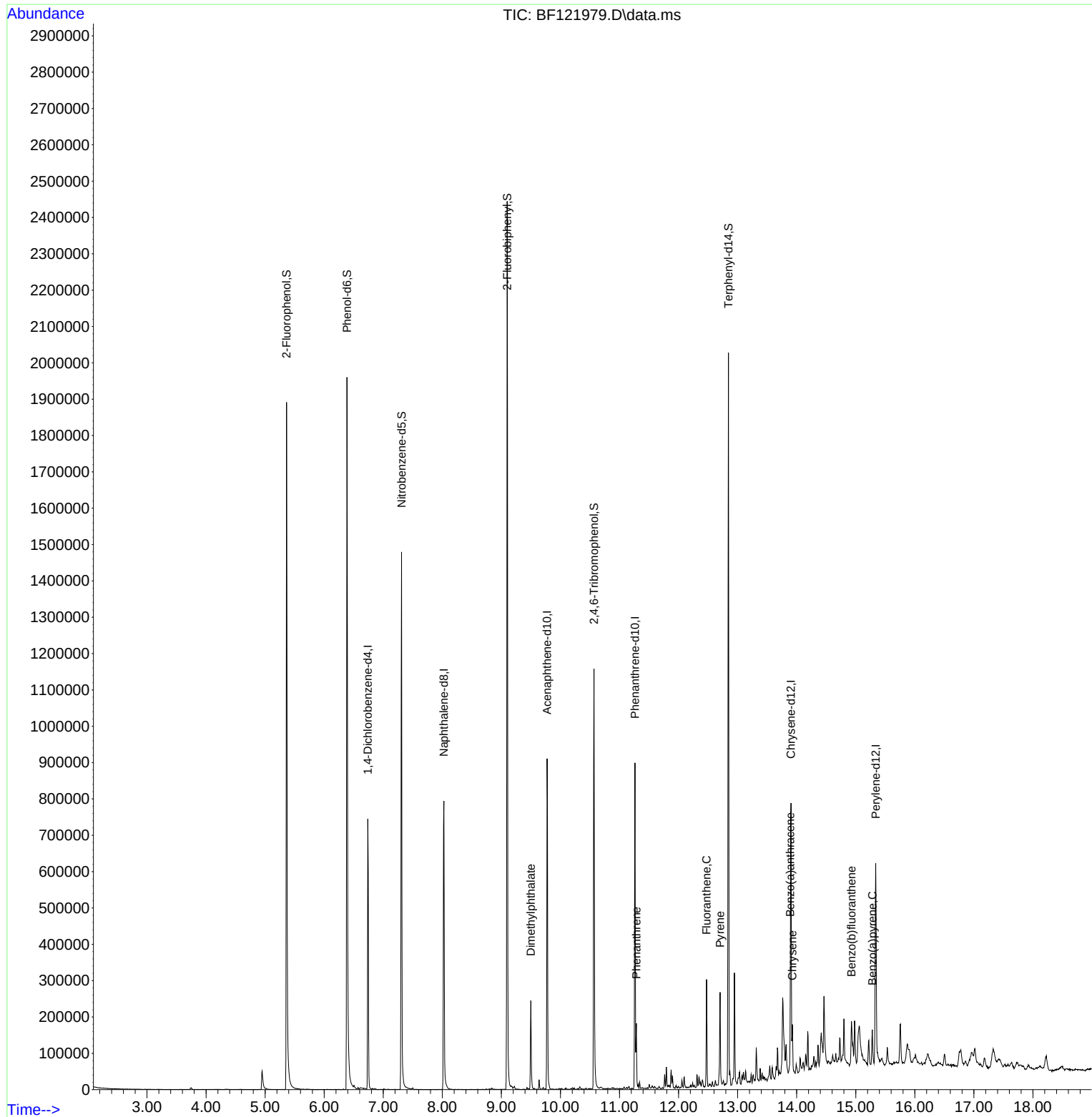
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Data File : BF121979.D
Acq On : 15 Oct 2020 4:57
Operator : JU/CG
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ALS Vial : 28 Sample Multiplier: 1

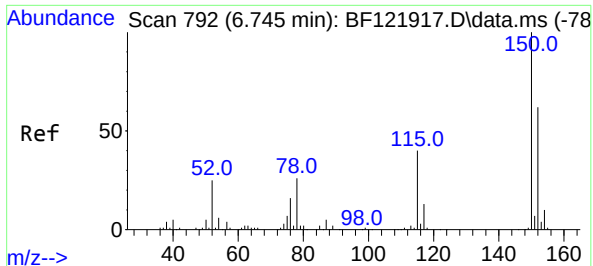
Instrument :
BNA_F
ClientSampleId :
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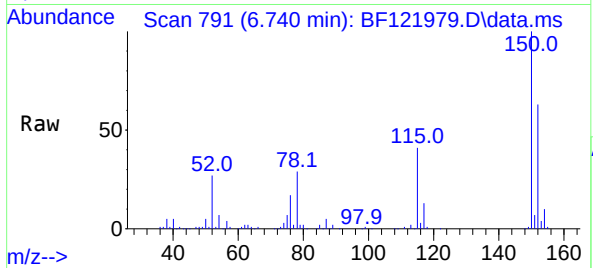
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Quant Time: Oct 15 06:27:07 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration

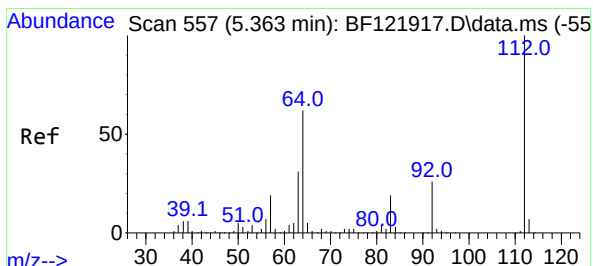
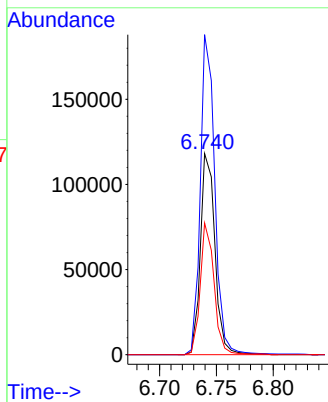
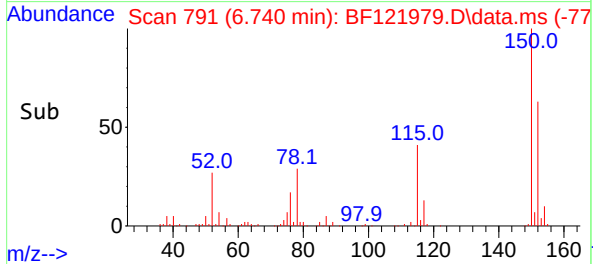




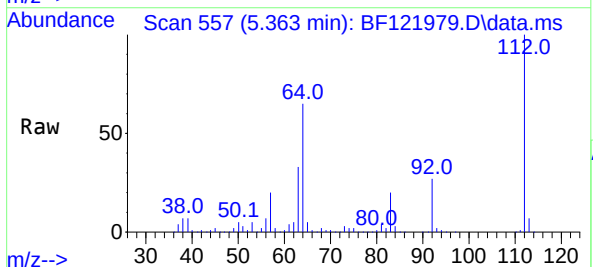
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.740 min Scan# 791
Delta R.T. -0.005 min
Lab File: BF121979.D
Acq: 15 Oct 2020 4:57



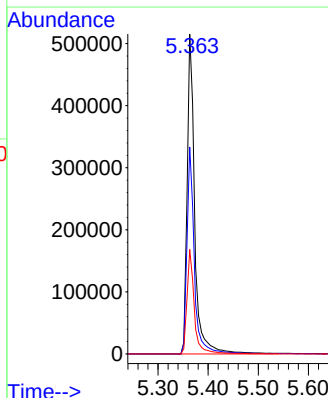
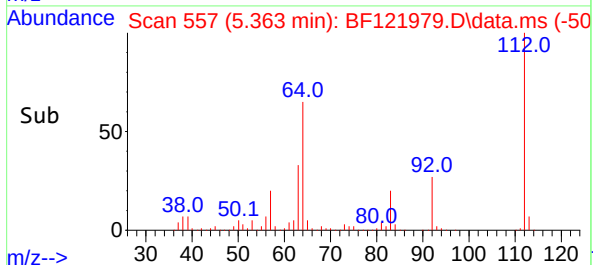
Tgt Ion:152 Resp: 105483
Ion Ratio Lower Upper
152 100
150 159.1 125.3 187.9
115 65.5 51.9 77.9



#5
2-Fluorophenol
Concen: 76.24 ng
RT: 5.363 min Scan# 557
Delta R.T. 0.000 min
Lab File: BF121979.D
Acq: 15 Oct 2020 4:57



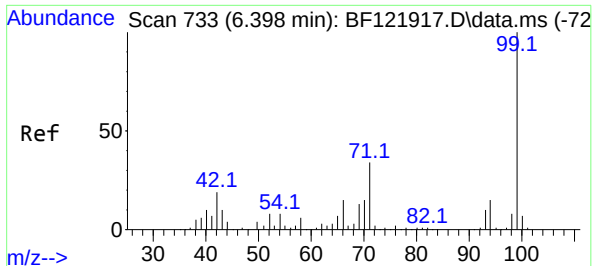
Tgt Ion:112 Resp: 544894
Ion Ratio Lower Upper
112 100
64 64.7 50.4 75.6
63 32.7 25.8 38.6



Instrument :
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ClientSampleId :
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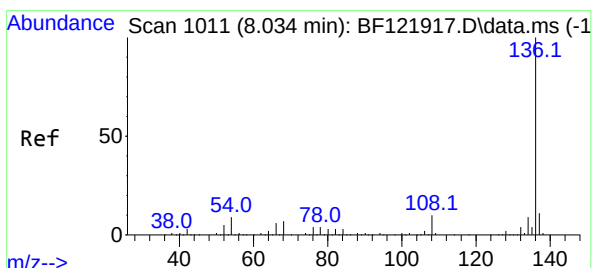
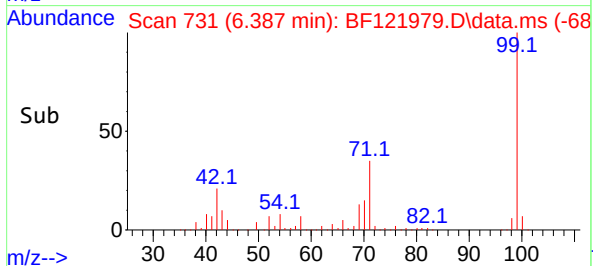
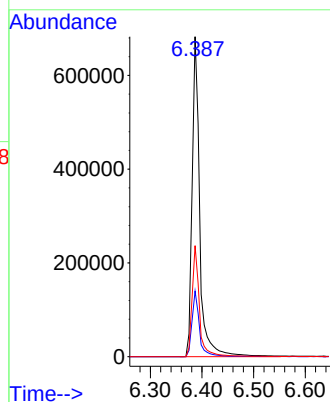
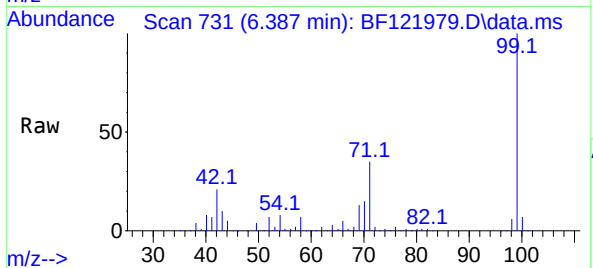
#7
Phenol-d6
Concen: 76.00 ng
RT: 6.387 min Scan# 731
Delta R.T. -0.012 min
Lab File: BF121979.D
Acq: 15 Oct 2020 4:57

Tgt Ion: 99 Resp: 699179
Ion Ratio Lower Upper
99 100
42 20.5 15.9 23.9
71 34.7 27.1 40.7

Instrument :
BNA_F
ClientSampleId :
BG-1

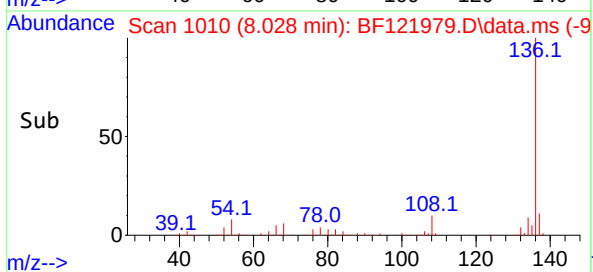
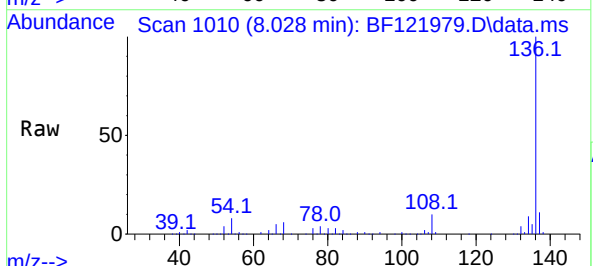
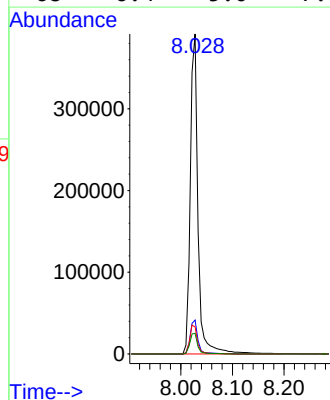
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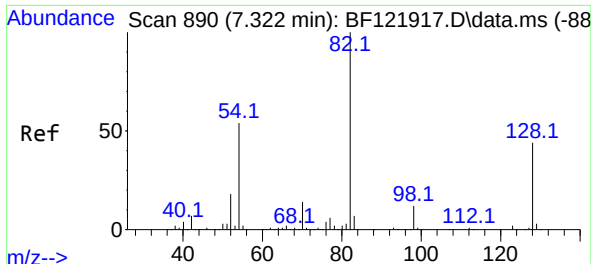
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#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.028 min Scan# 1010
Delta R.T. -0.006 min
Lab File: BF121979.D
Acq: 15 Oct 2020 4:57

Tgt Ion: 136 Resp: 404321
Ion Ratio Lower Upper
136 100
137 10.6 8.6 13.0
54 8.5 7.1 10.7
68 6.4 5.0 7.4





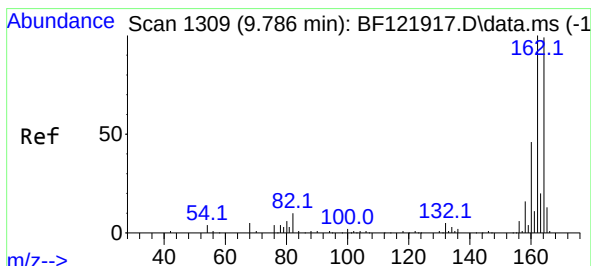
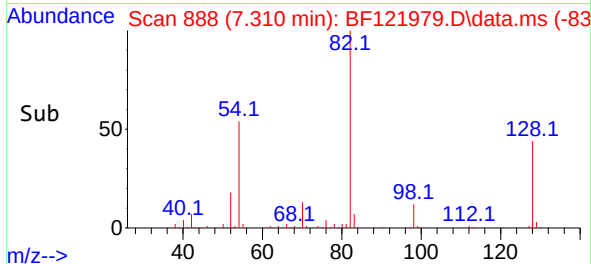
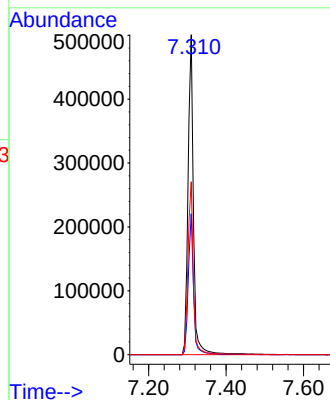
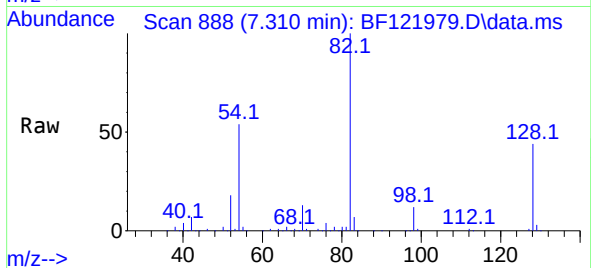
#23
Nitrobenzene-d5
Concen: 61.42 ng
RT: 7.310 min Scan# 888
Delta R.T. -0.012 min
Lab File: BF121979.D
Acq: 15 Oct 2020 4:57

Tgt Ion: 82 Resp: 484256
Ion Ratio Lower Upper
82 100
128 44.0 35.0 52.4
54 54.1 43.9 65.9

Instrument :
BNA_F
ClientSampled :
BG-1

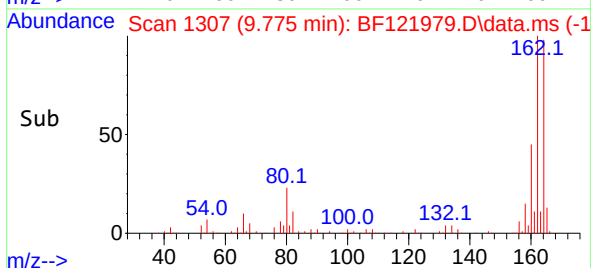
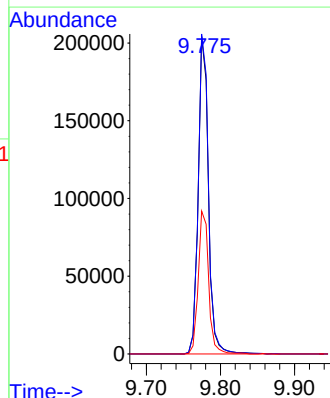
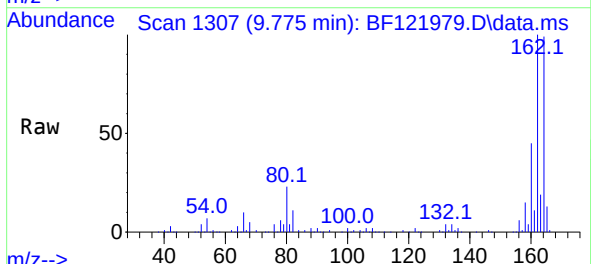
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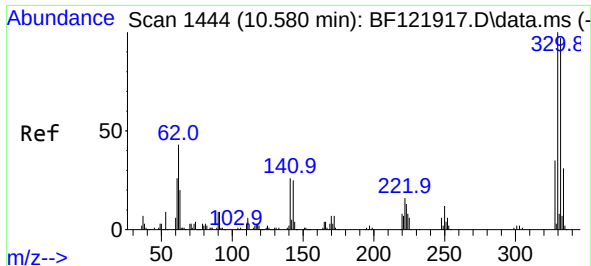
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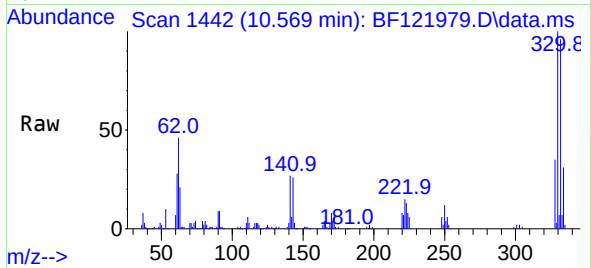
#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.775 min Scan# 1307
Delta R.T. -0.011 min
Lab File: BF121979.D
Acq: 15 Oct 2020 4:57

Tgt Ion:164 Resp: 194139
Ion Ratio Lower Upper
164 100
162 100.8 83.2 124.8
160 45.0 37.5 56.3

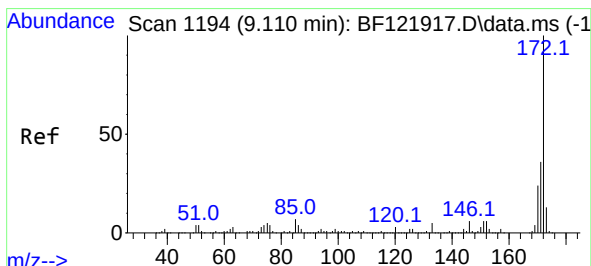
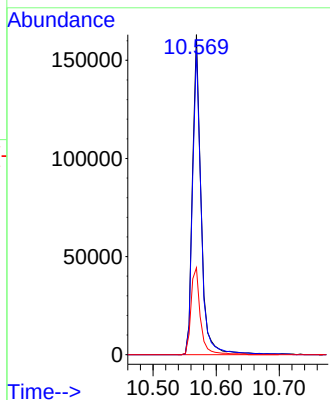
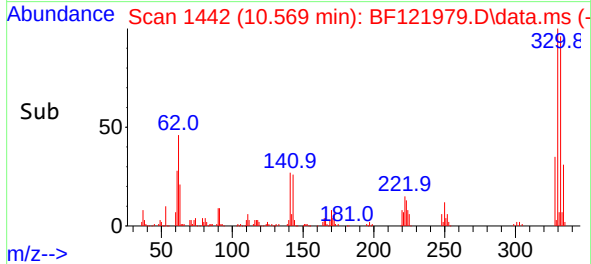




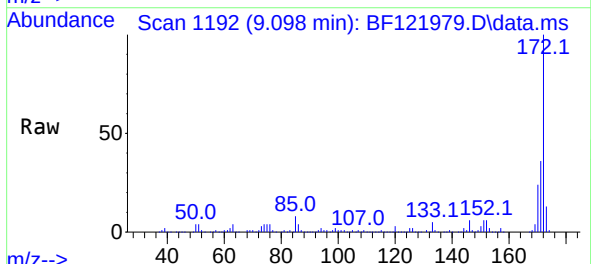
#42
2,4,6-Tribromophenol
Concen: 64.59 ng
RT: 10.569 min Scan# 1442
Delta R.T. -0.012 min
Lab File: BF121979.D
Acq: 15 Oct 2020 4:57



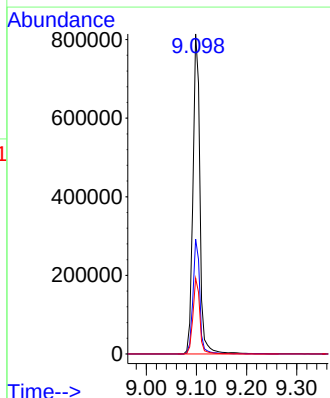
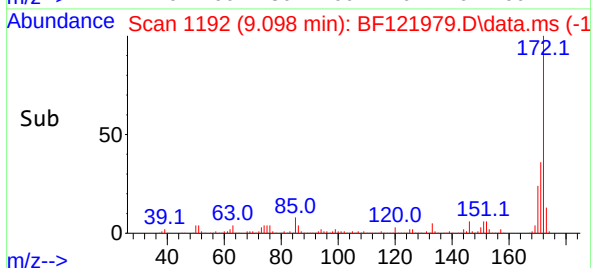
Tgt Ion: 330 Resp: 155124
Ion Ratio Lower Upper
330 100
332 96.7 77.3 115.9
141 29.8 22.3 33.5



#45
2-Fluorobiphenyl
Concen: 59.58 ng
RT: 9.098 min Scan# 1192
Delta R.T. -0.012 min
Lab File: BF121979.D
Acq: 15 Oct 2020 4:57



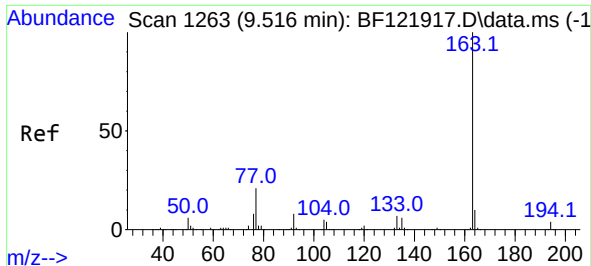
Tgt Ion: 172 Resp: 786139
Ion Ratio Lower Upper
172 100
171 35.9 29.1 43.7
170 23.7 19.8 29.6



Instrument :
BNA_F
ClientSampled :
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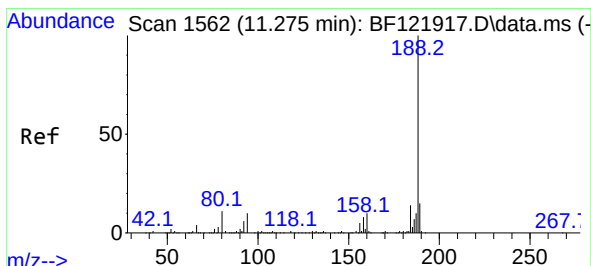
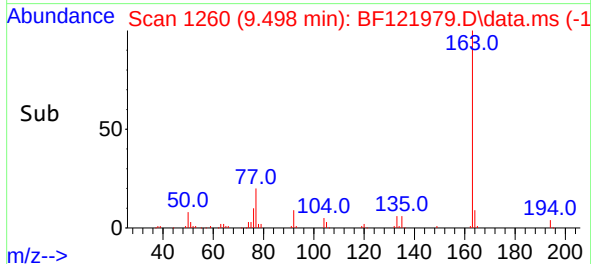
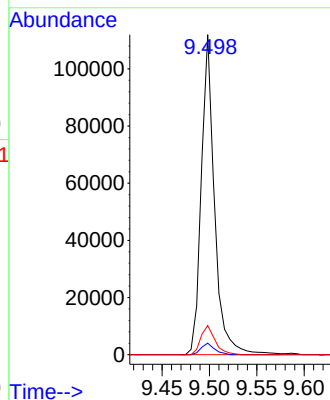
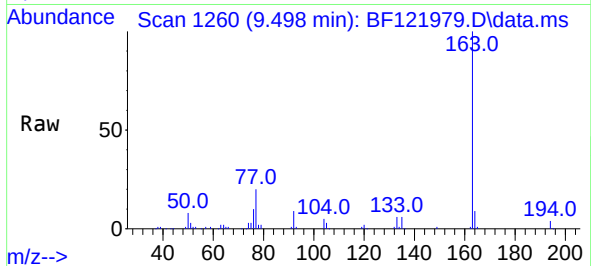
#50
Dimethylphthalate
Concen: 7.67 ng
RT: 9.498 min Scan# 1260
Delta R.T. -0.018 min
Lab File: BF121979.D
Acq: 15 Oct 2020 4:57

Tgt Ion:163 Resp: 108863
Ion Ratio Lower Upper
163 100
194 3.6 3.3 4.9
164 9.1 8.2 12.4

Instrument :
BNA_F
ClientSampled :
BG-1

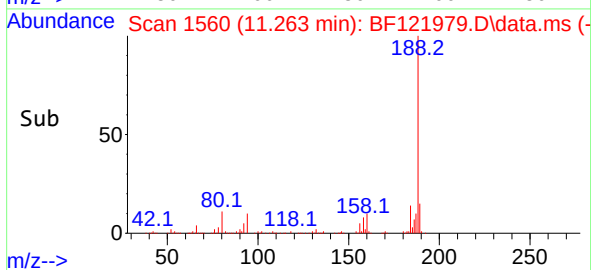
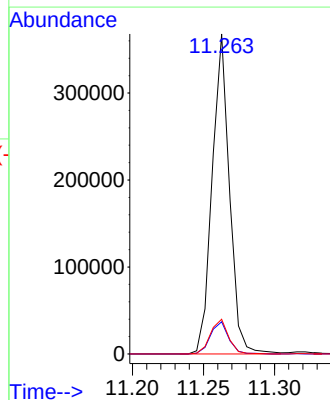
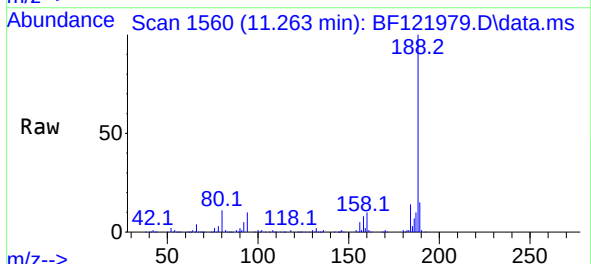
Manual Integrations
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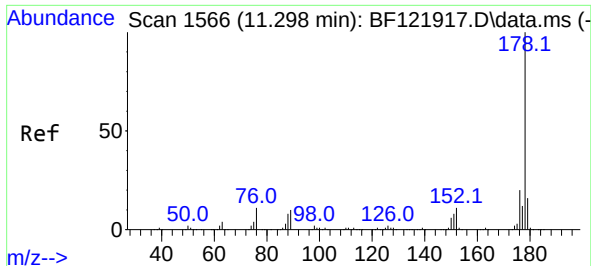
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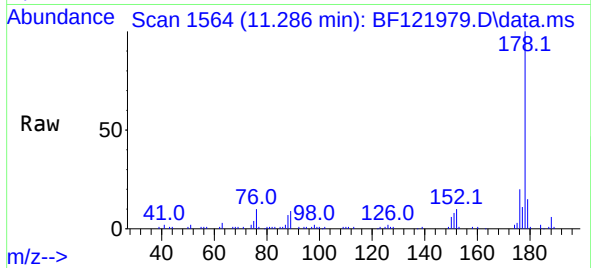
#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.263 min Scan# 1560
Delta R.T. -0.012 min
Lab File: BF121979.D
Acq: 15 Oct 2020 4:57

Tgt Ion:188 Resp: 311573
Ion Ratio Lower Upper
188 100
94 10.1 8.3 12.5
80 10.9 9.1 13.7

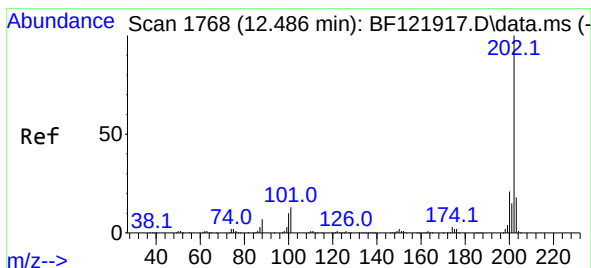
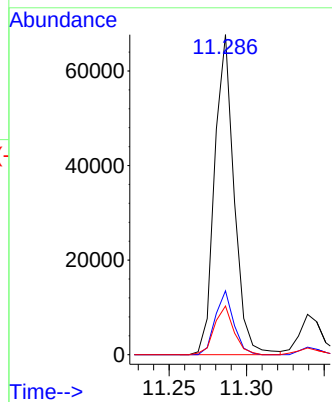
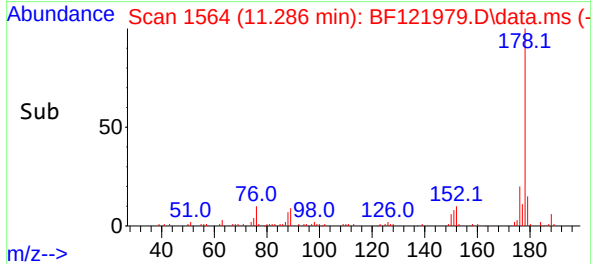




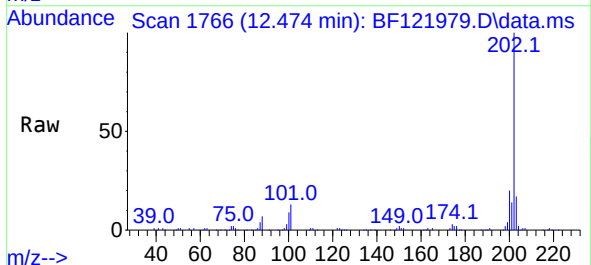
#71
Phenanthrene
Concen: 3.47 ng
RT: 11.286 min Scan# 1564
Delta R.T. -0.012 min
Lab File: BF121979.D
Acq: 15 Oct 2020 4:57



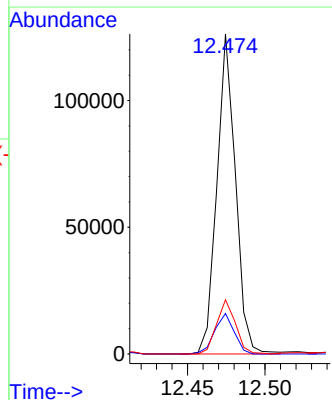
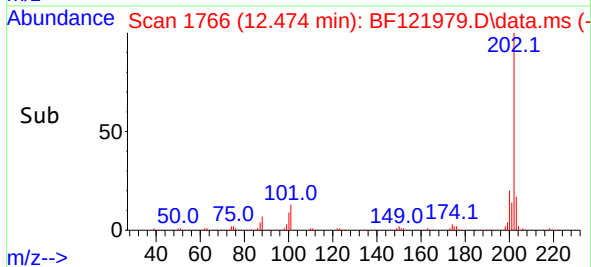
Tgt Ion:178 Resp: 59294
Ion Ratio Lower Upper
178 100
176 19.9 15.9 23.9
179 15.2 12.2 18.4



#75
Fluoranthene
Concen: 5.76 ng
RT: 12.474 min Scan# 1766
Delta R.T. -0.012 min
Lab File: BF121979.D
Acq: 15 Oct 2020 4:57



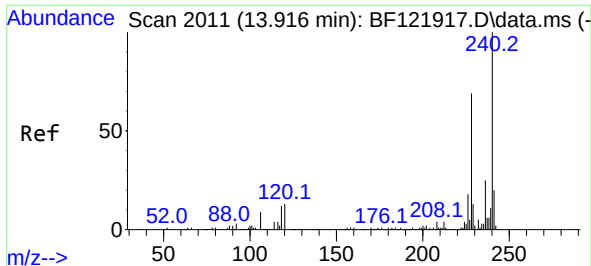
Tgt Ion:202 Resp: 105450
Ion Ratio Lower Upper
202 100
101 12.6 0.0 33.4
203 16.9 0.0 37.9



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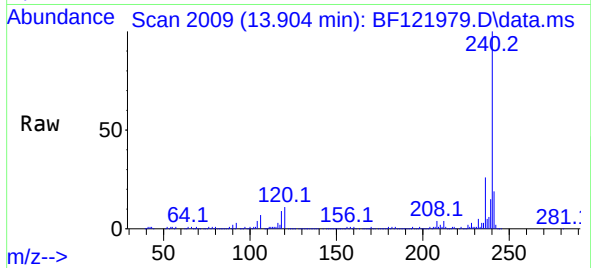
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#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.904 min Scan# 2009
Delta R.T. -0.012 min
Lab File: BF121979.D
Acq: 15 Oct 2020 4:57

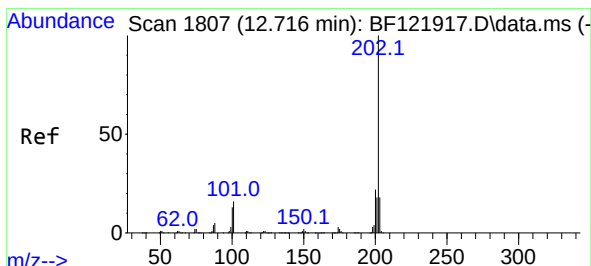
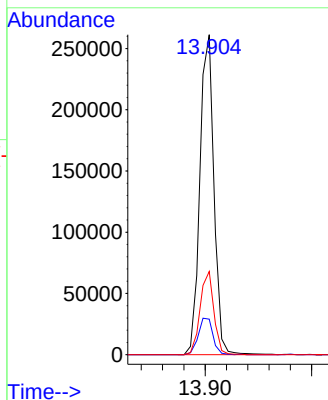
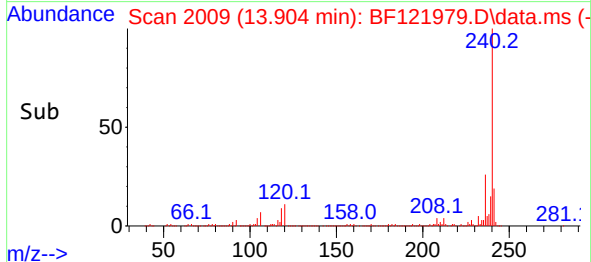
Instrument :
BNA_F
ClientSampled :
BG-1



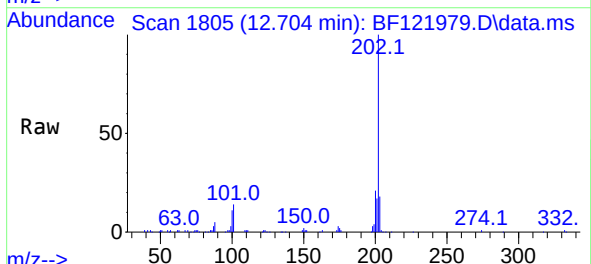
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Ion Ratio Lower Upper
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120 11.1 9.2 13.8
236 26.0 20.9 31.3

Manual Integrations
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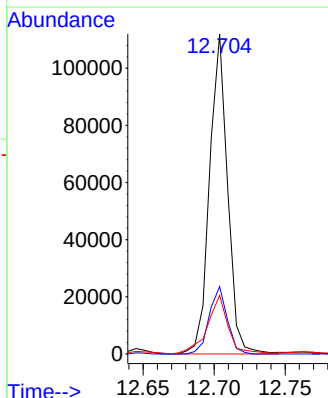
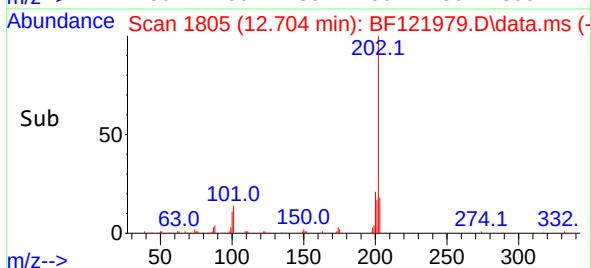
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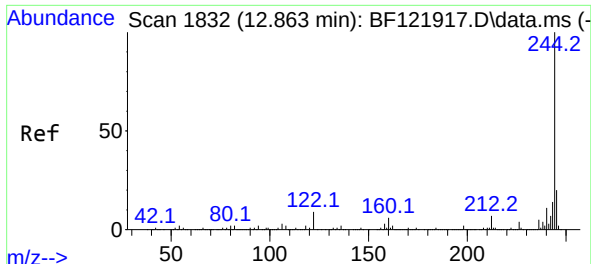


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Pyrene
Concen: 5.39 ng
RT: 12.704 min Scan# 1805
Delta R.T. -0.012 min
Lab File: BF121979.D
Acq: 15 Oct 2020 4:57



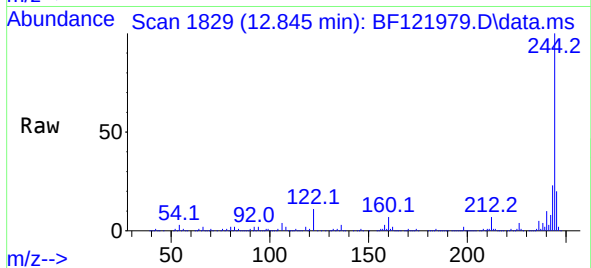
Tgt Ion:202 Resp: 98776
Ion Ratio Lower Upper
202 100
200 21.0 17.4 26.2
203 18.3 14.6 21.8





#79
Terphenyl-d14
Concen: 46.94 ng
RT: 12.845 min Scan# 1829
Delta R.T. -0.018 min
Lab File: BF121979.D
Acq: 15 Oct 2020 4:57

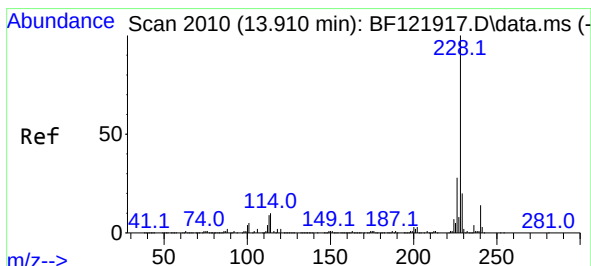
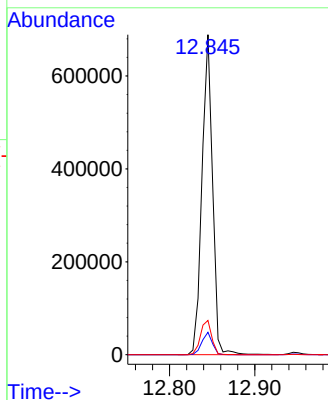
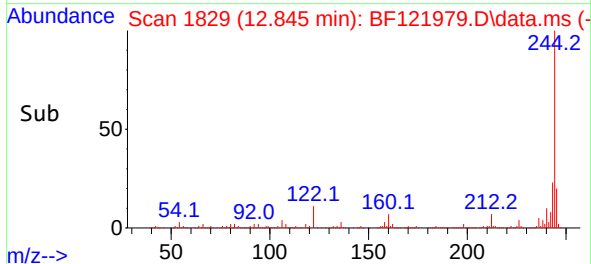
Instrument :
BNA_F
ClientSampled :
BG-1



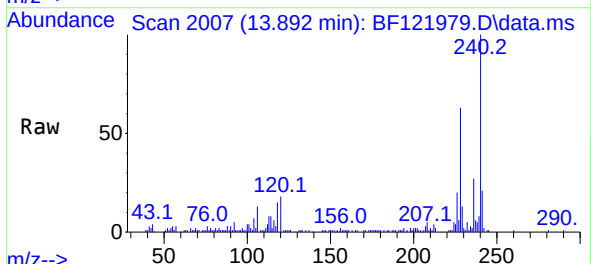
Tgt Ion:244 Resp: 592342
Ion Ratio Lower Upper
244 100
212 7.0 5.4 8.2
122 10.7 8.1 12.1

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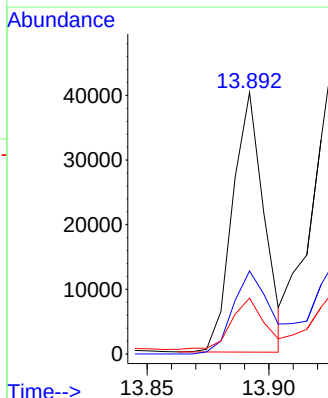
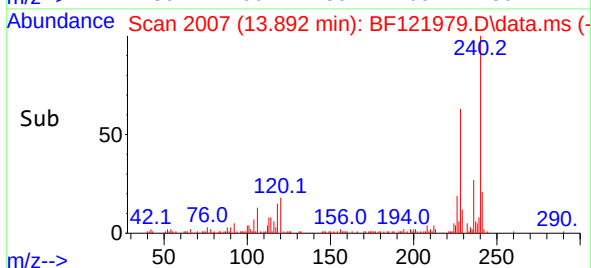
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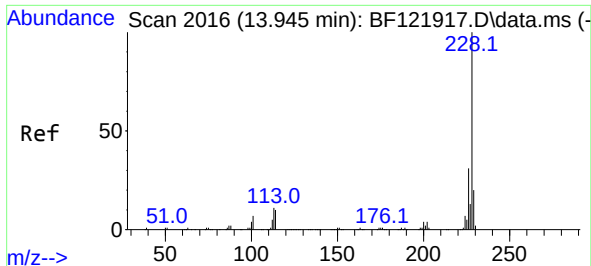


#81
Benzo(a)anthracene
Concen: 2.29 ng
RT: 13.892 min Scan# 2007
Delta R.T. -0.018 min
Lab File: BF121979.D
Acq: 15 Oct 2020 4:57

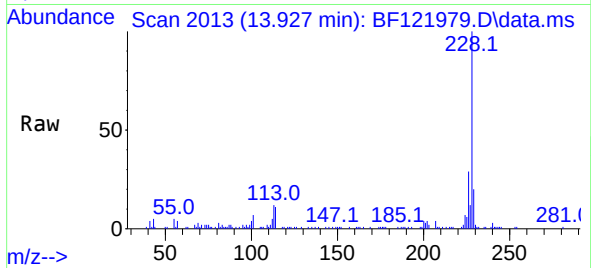


Tgt Ion:228 Resp: 36093
Ion Ratio Lower Upper
228 100
226 31.8 22.3 33.5
229 21.3 16.2 24.4

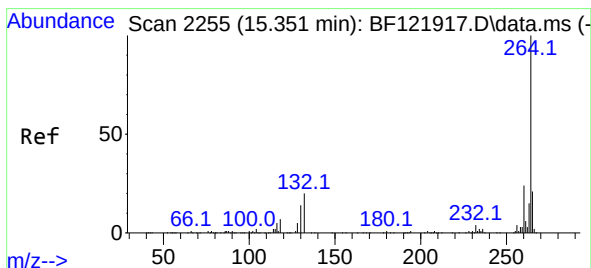
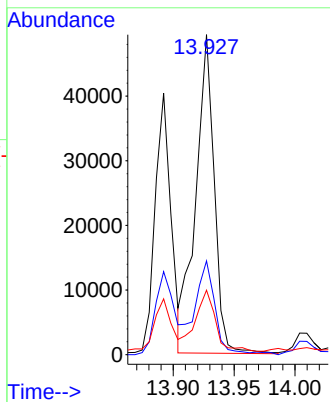
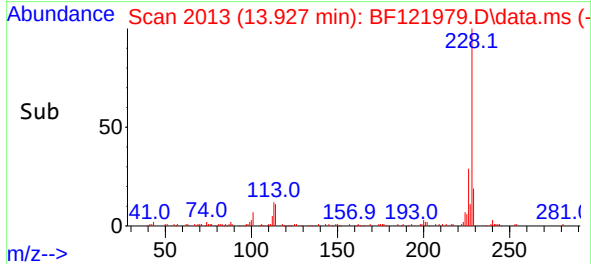




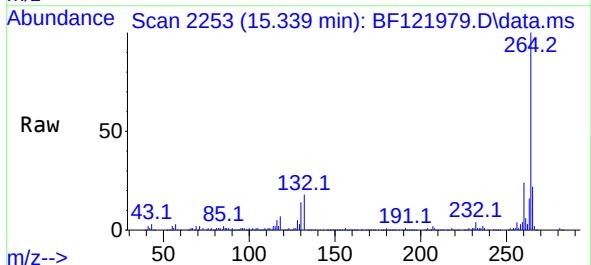
#83
Chrysene
Concen: 3.39 ng
RT: 13.927 min Scan# 2013
Delta R.T. -0.018 min
Lab File: BF121979.D
Acq: 15 Oct 2020 4:57



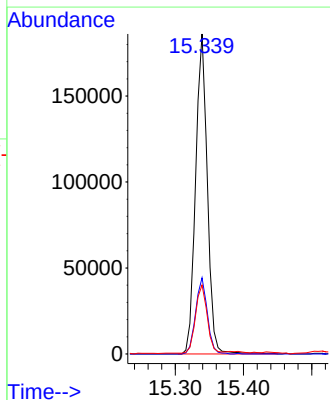
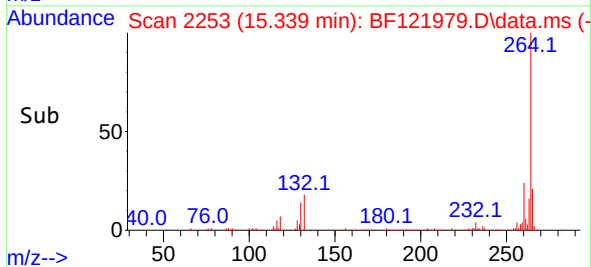
Tgt Ion:228 Resp: 52489
Ion Ratio Lower Upper
228 100
226 29.3 24.6 37.0
229 20.2 15.9 23.9



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.339 min Scan# 2253
Delta R.T. -0.012 min
Lab File: BF121979.D
Acq: 15 Oct 2020 4:57



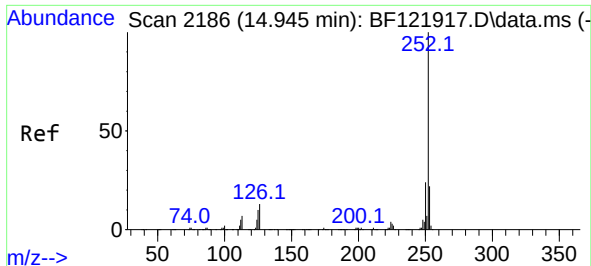
Tgt Ion:264 Resp: 221363
Ion Ratio Lower Upper
264 100
260 23.8 18.7 28.1
265 21.5 17.3 25.9



Instrument :
BNA_F
ClientSampleId :
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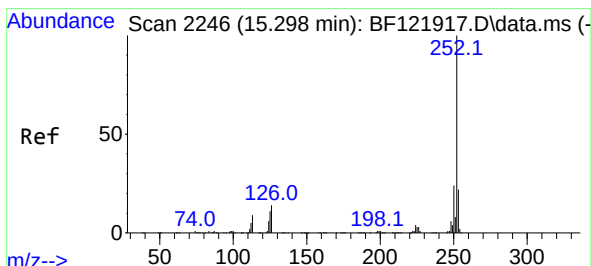
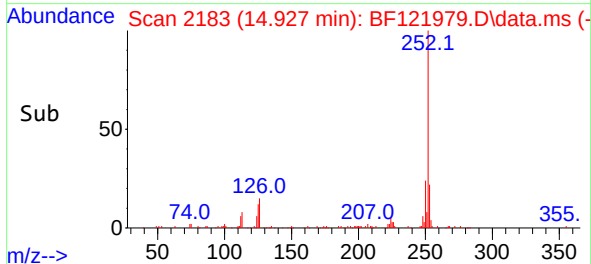
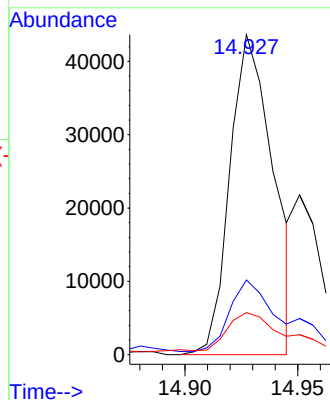
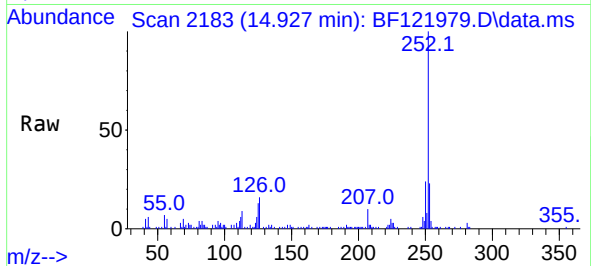
#88
Benzo(b)fluoranthene
Concen: 3.91 ng m
RT: 14.927 min Scan# 2183
Delta R.T. -0.018 min
Lab File: BF121979.D
Acq: 15 Oct 2020 4:57

Tgt Ion:252 Resp: 58526
Ion Ratio Lower Upper
252 100
253 23.3 18.2 27.2
125 13.1 8.0 12.0#

Instrument :
BNA_F
ClientSampled :
BG-1

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#90
Benzo(a)pyrene
Concen: 2.93 ng
RT: 15.280 min Scan# 2243
Delta R.T. -0.018 min
Lab File: BF121979.D
Acq: 15 Oct 2020 4:57

Tgt Ion:252 Resp: 37898
Ion Ratio Lower Upper
252 100
253 22.0 17.3 25.9
125 12.8 8.6 13.0

