

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120420\
 Data File : BF122553.D
 Acq On : 4 Dec 2020 19:11
 Operator : JU/CG
 Sample : L4939-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EO-02-12320

Manual Integrations
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Quant Time: Dec 04 23:30:37 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110920.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 04 12:52:10 2020
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	156235	20.00	ng	0.00
21) Naphthalene-d8	8.133	136	551355	20.00	ng	0.00
39) Acenaphthene-d10	9.886	164	284326	20.00	ng	0.00
64) Phenanthrene-d10	11.374	188	479248	20.00	ng	# 0.00
76) Chrysene-d12	14.010	240	412693	20.00	ng	-0.01
86) Perylene-d12	15.480	264	450686	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	1031609	101.39	ng	0.00
7) Phenol-d6	6.481	99	1272453	95.60	ng	0.00
23) Nitrobenzene-d5	7.410	82	796717	88.46	ng	0.00
42) 2,4,6-Tribromophenol	10.674	330	270026	88.49	ng	0.00
45) 2-Fluorobiphenyl	9.210	172	1314720	72.25	ng	0.00
79) Terphenyl-d14	12.957	244	1182902	60.72	ng	0.00
Target Compounds						Qvalue
10) Phenol	6.492	94	73040	5.57	ng	# 74
37) 2-Methylnaphthalene	8.845	142	50870	2.63	ng	95
38) 1-Methylnaphthalene	8.945	142	40893	2.26	ng	# 93
50) Dimethylphthalate	9.598	163	99815	4.94	ng	# 94
58) Fluorene	10.433	166	39382	2.05	ng	97
71) Phenanthrene	11.398	178	298597	10.98	ng	98
72) Anthracene	11.445	178	110494	3.94	ng	98
75) Fluoranthene	12.586	202	381562	13.44	ng	96
78) Pyrene	12.816	202	339475	11.71	ng	99
81) Benzo(a)anthracene	14.004	228	211315	8.23	ng	95
83) Chrysene	14.039	228	191292	7.40	ng	96
87) Indeno(1,2,3-cd)pyrene	16.939	276	95342	3.53	ng	98
88) Benzo(b)fluoranthene	15.051	252	226881m	7.77	ng	
89) Benzo(k)fluoranthene	15.074	252	78315m	2.75	ng	
90) Benzo(a)pyrene	15.415	252	174350	6.85	ng	97
92) Benzo(g,h,i)perylene	17.380	276	89866	4.08	ng	96

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

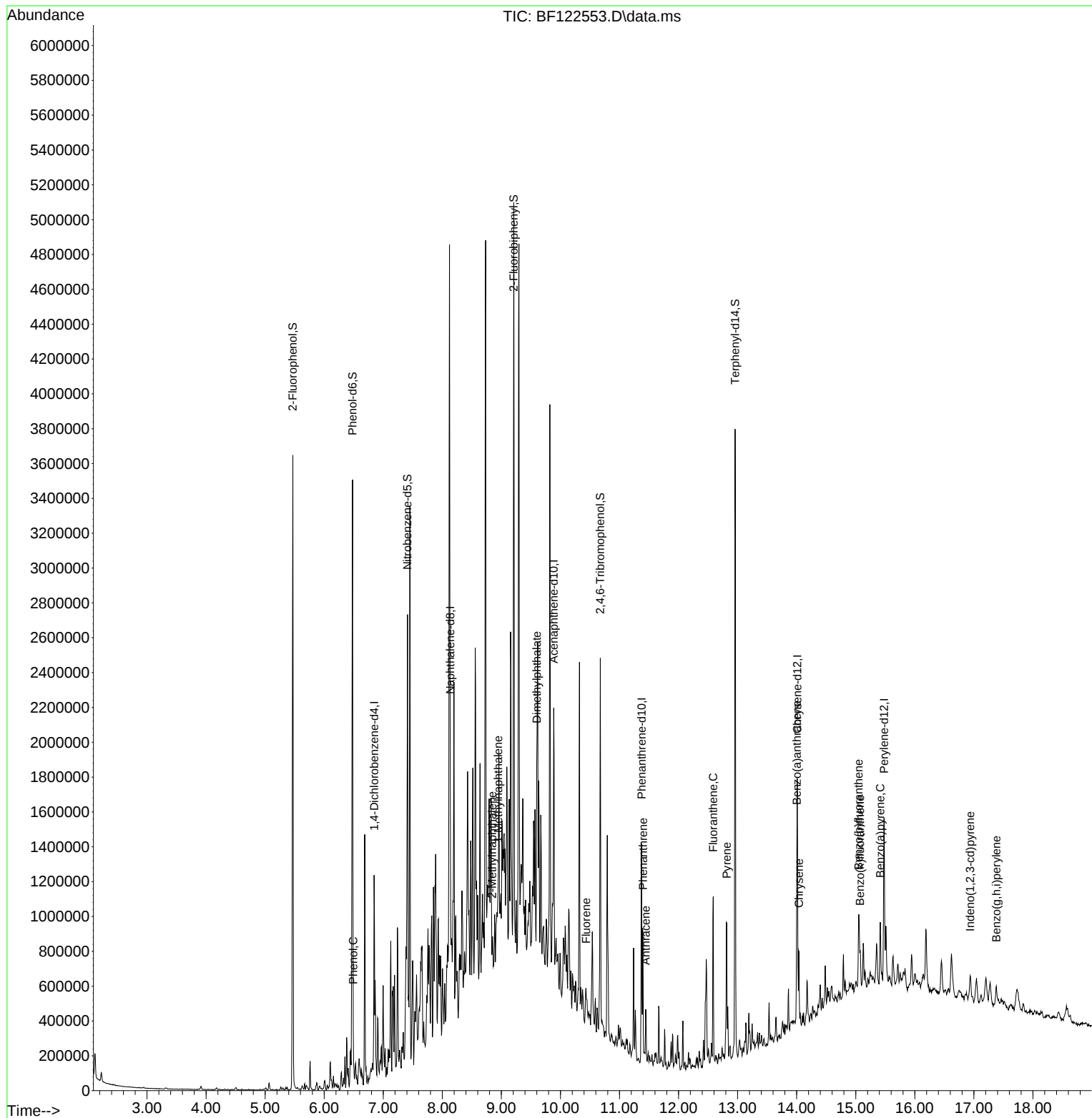
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120420\
Data File : BF122553.D
Acq On : 4 Dec 2020 19:11
Operator : JU/CG
Sample : L4939-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
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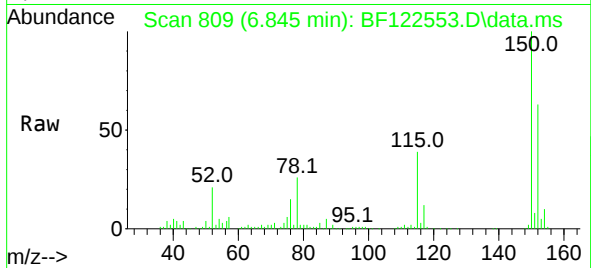
Quant Time: Dec 04 23:30:37 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 04 12:52:10 2020
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.845 min Scan# 809
Delta R.T. -0.006 min
Lab File: BF122553.D
Acq: 4 Dec 2020 19:11

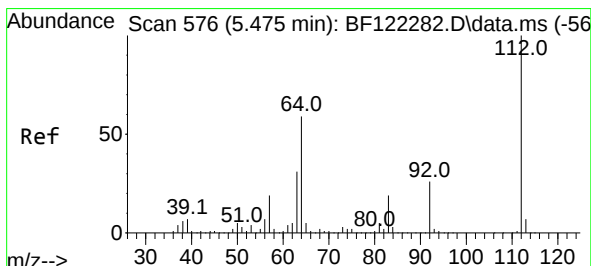
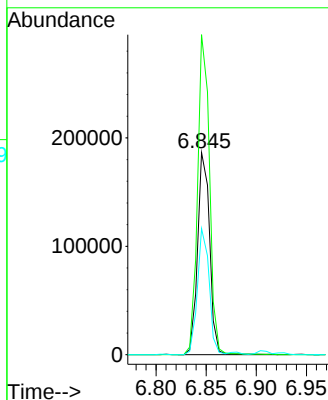
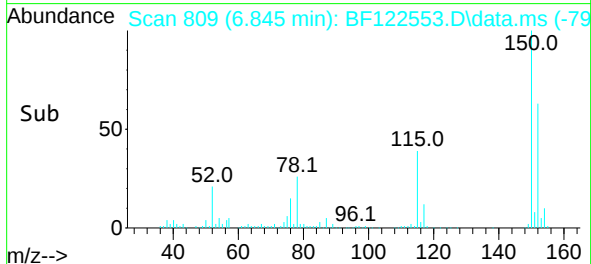
Instrument :
BNA_F
ClientSampleId :
EO-02-12320



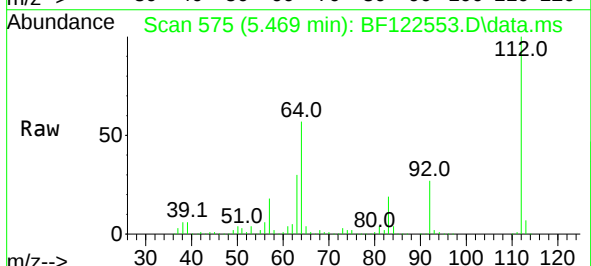
Tgt Ion:152 Resp: 156235
Ion Ratio Lower Upper
152 100
150 158.4 125.3 187.9
115 62.4 51.9 77.9

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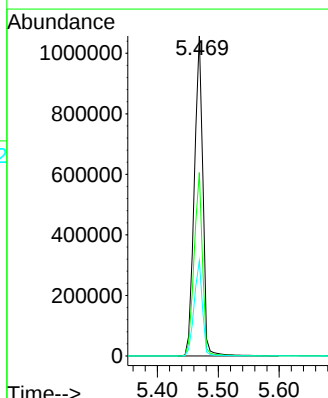
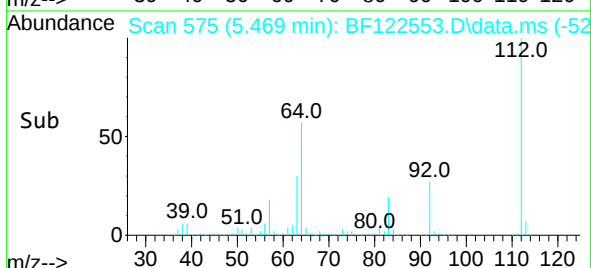
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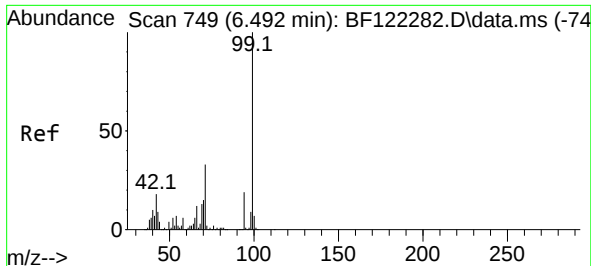


#5
2-Fluorophenol
Concen: 101.39 ng
RT: 5.469 min Scan# 575
Delta R.T. -0.000 min
Lab File: BF122553.D
Acq: 4 Dec 2020 19:11



Tgt Ion:112 Resp: 1031609
Ion Ratio Lower Upper
112 100
64 57.3 50.4 75.6
63 29.7 25.8 38.6





#7
Phenol-d6
Concen: 95.60 ng
RT: 6.481 min Scan# 747
Delta R.T. -0.006 min
Lab File: BF122553.D
Acq: 4 Dec 2020 19:11

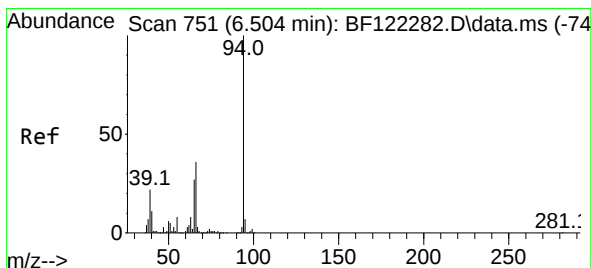
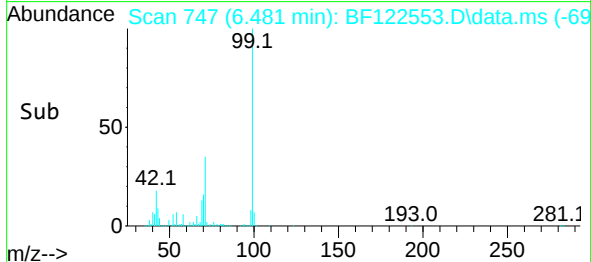
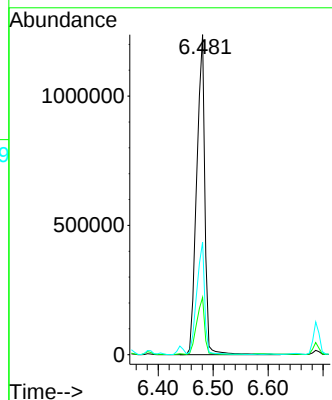
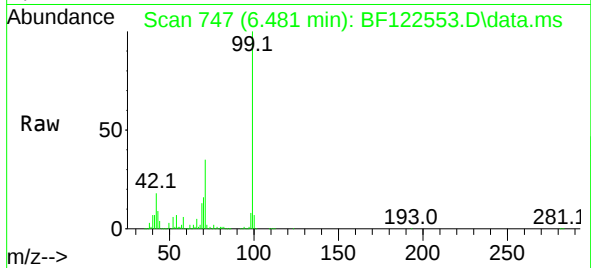
Tgt Ion: 99 Resp: 1272453

Ion	Ratio	Lower	Upper
99	100		
42	17.9	15.9	23.9
71	35.2	27.1	40.7

Instrument :
BNA_F
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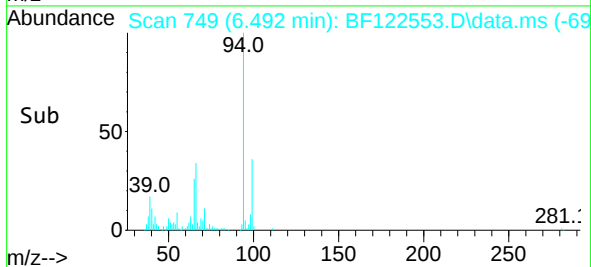
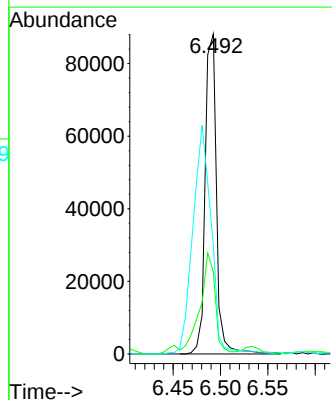
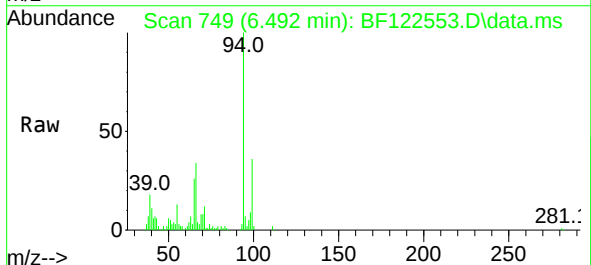
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#10
Phenol
Concen: 5.57 ng
RT: 6.492 min Scan# 749
Delta R.T. -0.006 min
Lab File: BF122553.D
Acq: 4 Dec 2020 19:11

Tgt Ion: 94 Resp: 73040

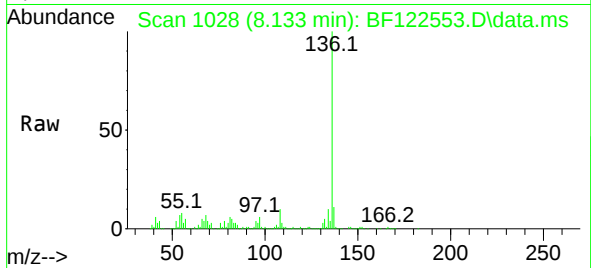
Ion	Ratio	Lower	Upper
94	100		
65	25.7	17.1	57.1
66	34.2	36.0	76.0





#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.133 min Scan# 1028
Delta R.T. -0.000 min
Lab File: BF122553.D
Acq: 4 Dec 2020 19:11

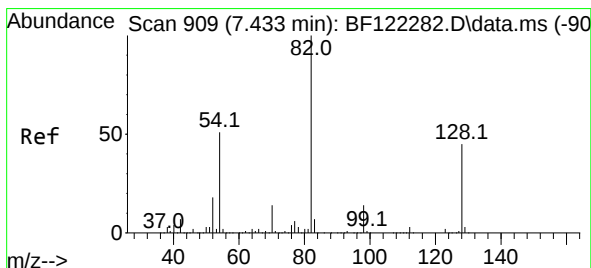
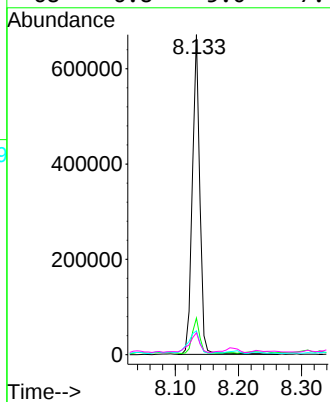
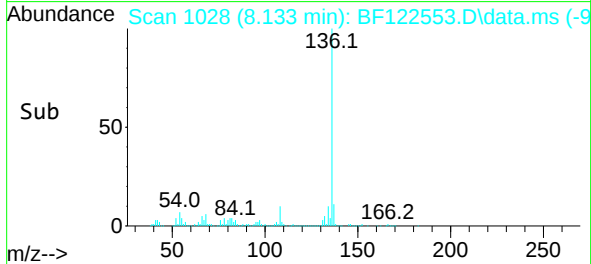
Instrument :
BNA_F
ClientSampleId :
EO-02-12320



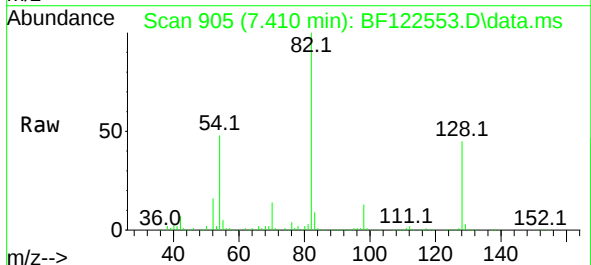
Tgt Ion:136 Resp: 551355
Ion Ratio Lower Upper
136 100
137 11.5 8.6 13.0
54 7.4 7.1 10.7
68 6.8 5.0 7.4

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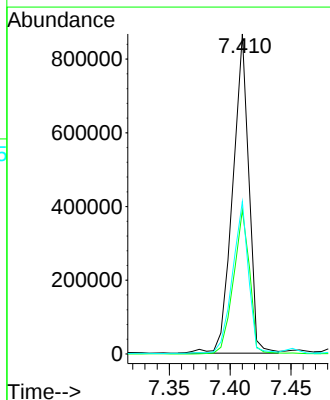
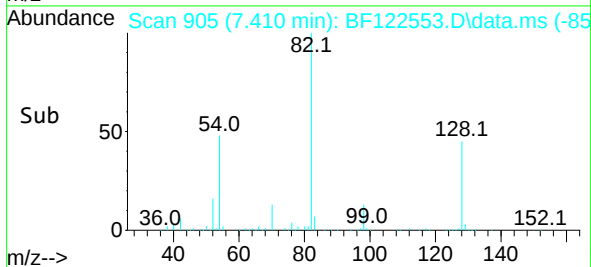
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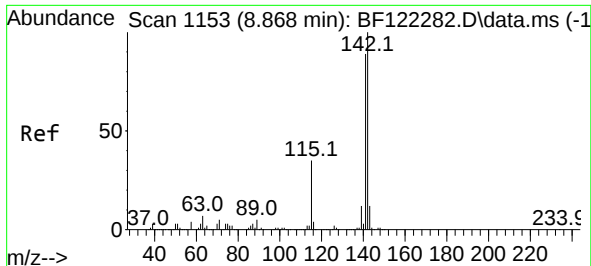


#23
Nitrobenzene-d5
Concen: 88.46 ng
RT: 7.410 min Scan# 905
Delta R.T. -0.006 min
Lab File: BF122553.D
Acq: 4 Dec 2020 19:11

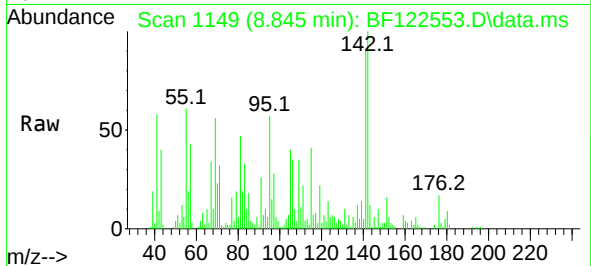


Tgt Ion: 82 Resp: 796717
Ion Ratio Lower Upper
82 100
128 45.0 35.0 52.4
54 47.6 43.9 65.9

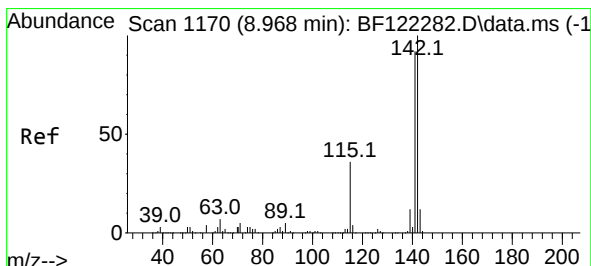
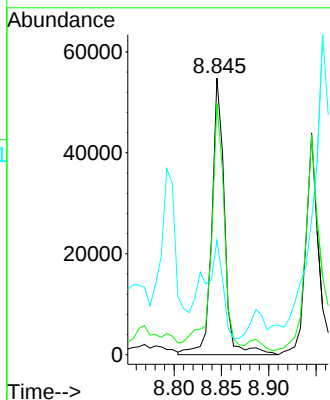
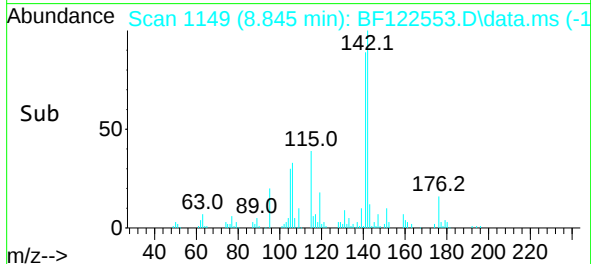




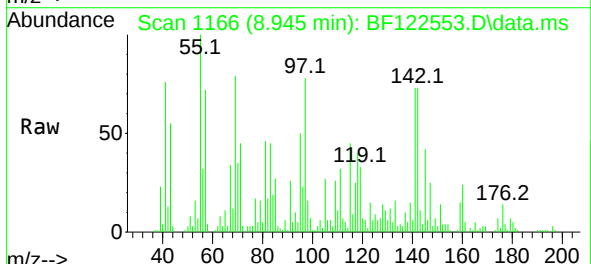
#37
2-Methylnaphthalene
Concen: 2.63 ng
RT: 8.845 min Scan# 1149
Delta R.T. -0.006 min
Lab File: BF122553.D
Acq: 4 Dec 2020 19:11



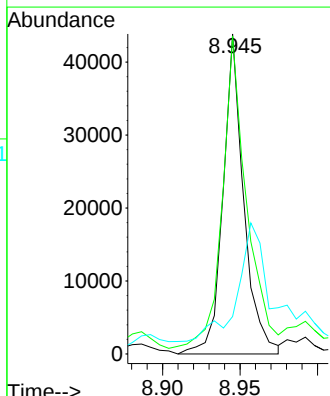
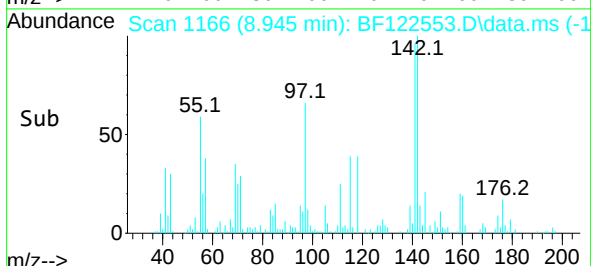
Tgt Ion:142 Resp: 50870
Ion Ratio Lower Upper
142 100
141 90.9 70.2 105.4
115 41.4 28.6 43.0



#38
1-Methylnaphthalene
Concen: 2.26 ng
RT: 8.945 min Scan# 1166
Delta R.T. -0.006 min
Lab File: BF122553.D
Acq: 4 Dec 2020 19:11



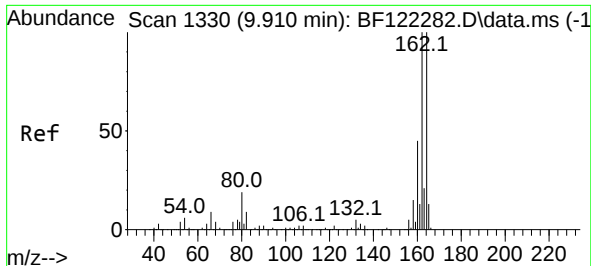
Tgt Ion:142 Resp: 40893
Ion Ratio Lower Upper
142 100
141 99.4 74.5 111.7
116 11.7 3.2 4.8#



Instrument :
BNA_F
ClientSampleId :
EO-02-12320

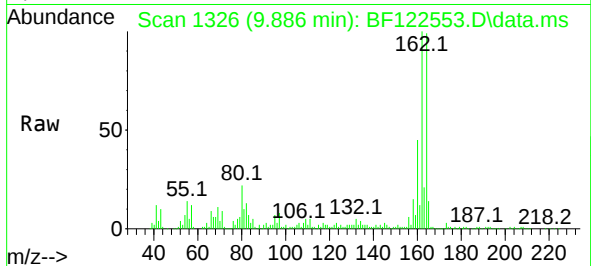
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#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.886 min Scan# 1326
Delta R.T. -0.006 min
Lab File: BF122553.D
Acq: 4 Dec 2020 19:11

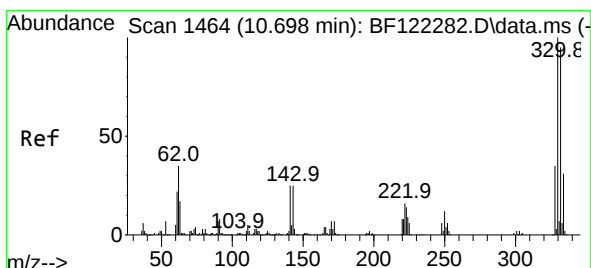
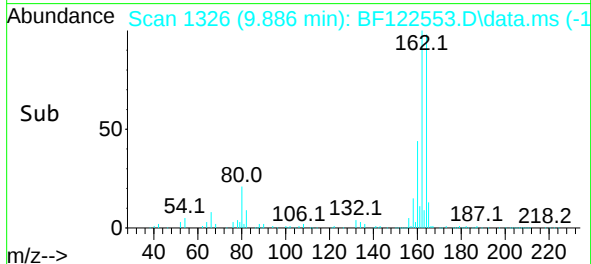
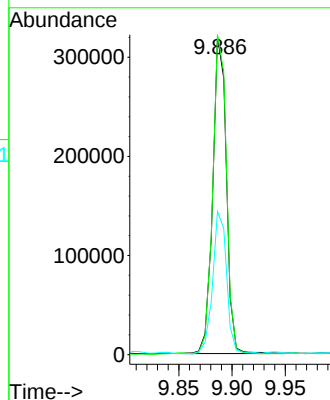
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BNA_F
ClientSampleId :
EO-02-12320



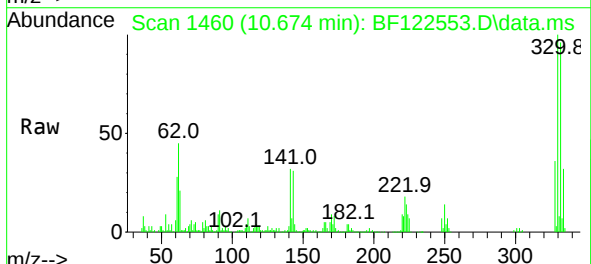
Tgt Ion:164 Resp: 284326
Ion Ratio Lower Upper
164 100
162 100.5 83.2 124.8
160 45.0 37.5 56.3

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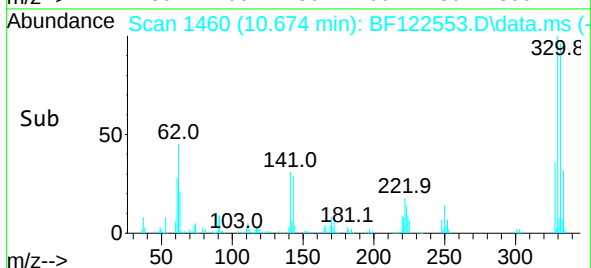
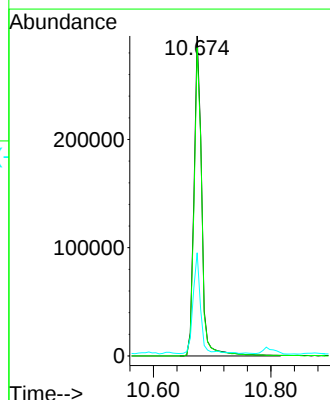
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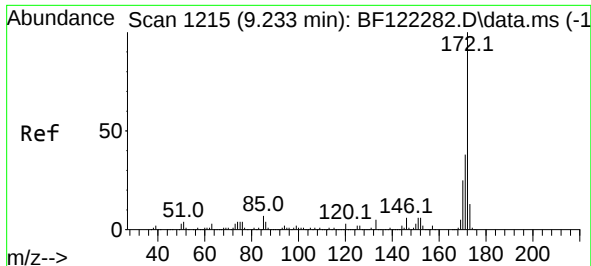


#42
2,4,6-Tribromophenol
Concen: 88.49 ng
RT: 10.674 min Scan# 1460
Delta R.T. -0.006 min
Lab File: BF122553.D
Acq: 4 Dec 2020 19:11



Tgt Ion:330 Resp: 270026
Ion Ratio Lower Upper
330 100
332 95.9 77.3 115.9
141 30.6 22.3 33.5





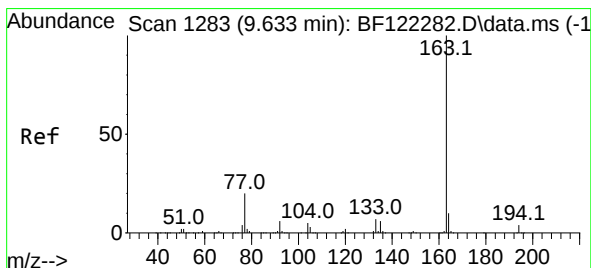
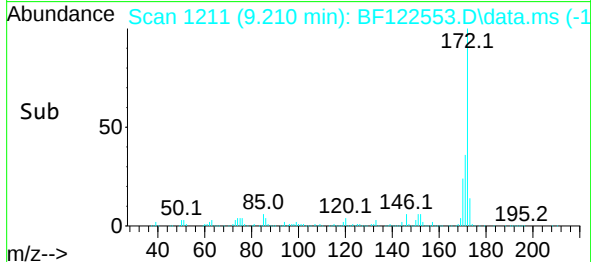
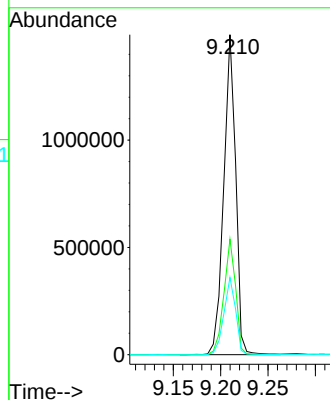
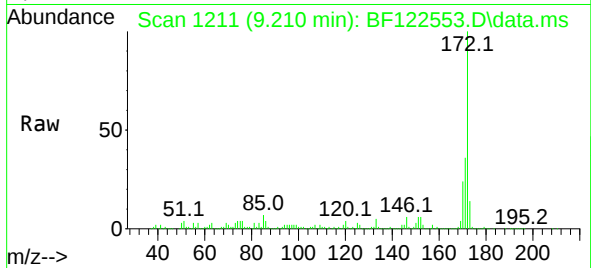
#45
2-Fluorobiphenyl
Concen: 72.25 ng
RT: 9.210 min Scan# 1211
Delta R.T. -0.006 min
Lab File: BF122553.D
Acq: 4 Dec 2020 19:11

Tgt Ion:172 Resp: 1314720
Ion Ratio Lower Upper
172 100
171 36.2 29.1 43.7
170 24.2 19.8 29.6

Instrument :
BNA_F
ClientSampleId :
EO-02-12320

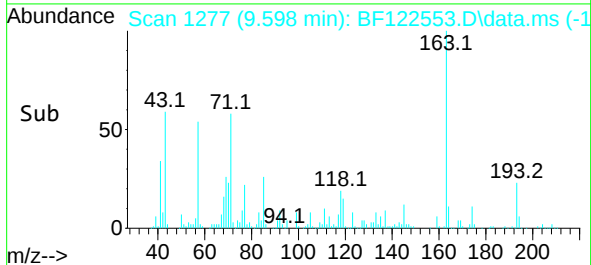
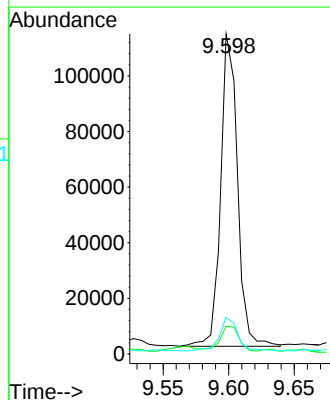
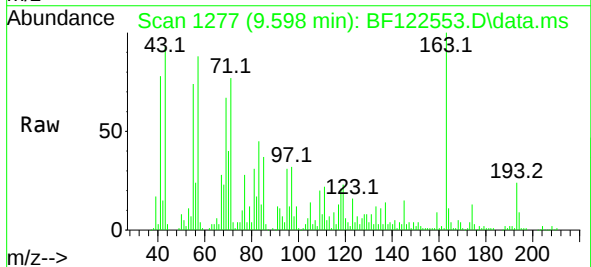
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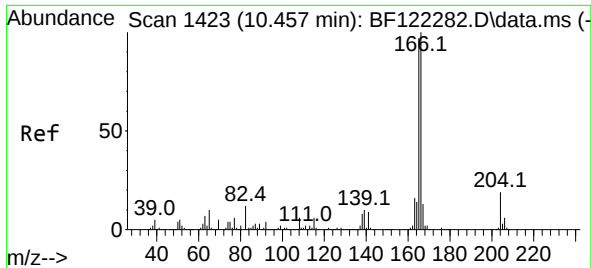
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#50
Dimethylphthalate
Concen: 4.94 ng
RT: 9.598 min Scan# 1277
Delta R.T. -0.018 min
Lab File: BF122553.D
Acq: 4 Dec 2020 19:11

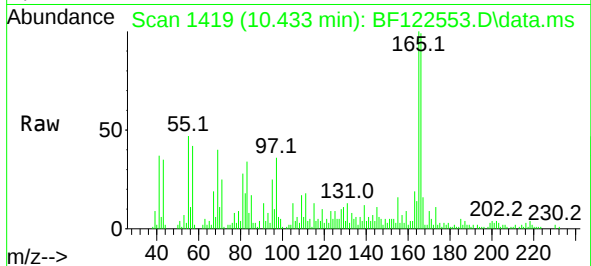
Tgt Ion:163 Resp: 99815
Ion Ratio Lower Upper
163 100
194 8.7 3.3 4.9#
164 11.4 8.2 12.4





#58
Fluorene
Concen: 2.05 ng
RT: 10.433 min Scan# 1419
Delta R.T. -0.006 min
Lab File: BF122553.D
Acq: 4 Dec 2020 19:11

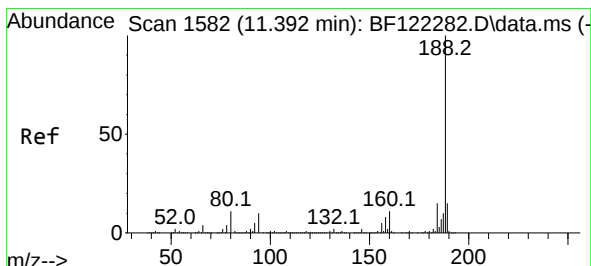
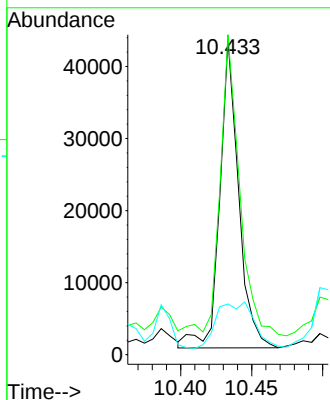
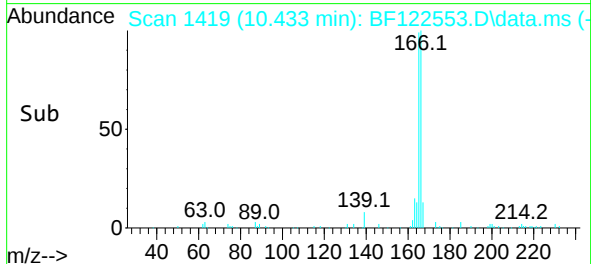
Instrument :
BNA_F
ClientSampleId :
EO-02-12320



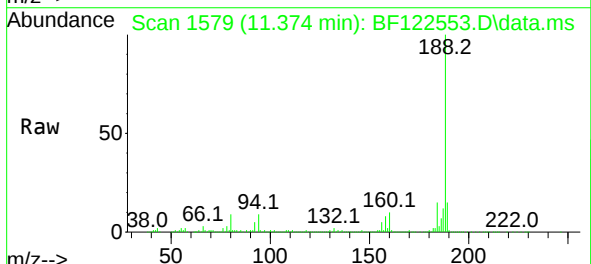
Tgt Ion:166 Resp: 39382
Ion Ratio Lower Upper
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165 101.5 79.1 118.7
167 16.1 11.0 16.6

Manual Integrations
APPROVED

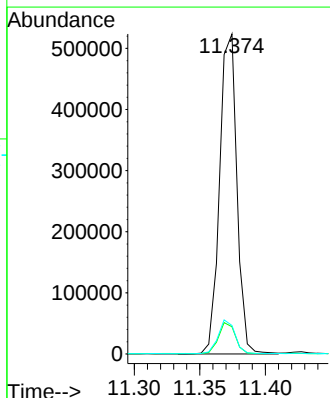
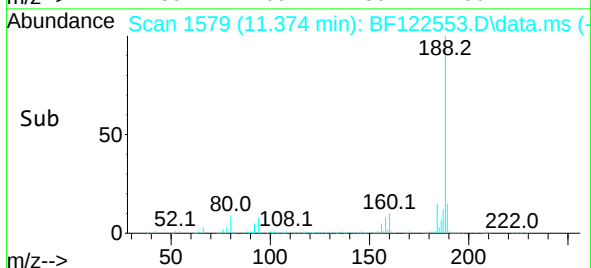
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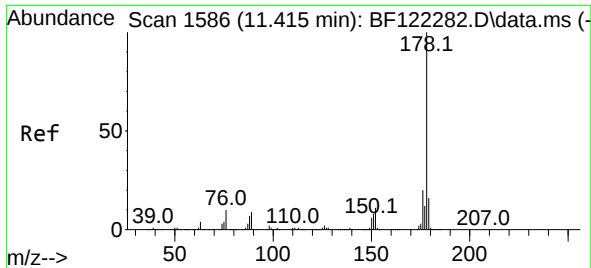


#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.374 min Scan# 1579
Delta R.T. -0.000 min
Lab File: BF122553.D
Acq: 4 Dec 2020 19:11



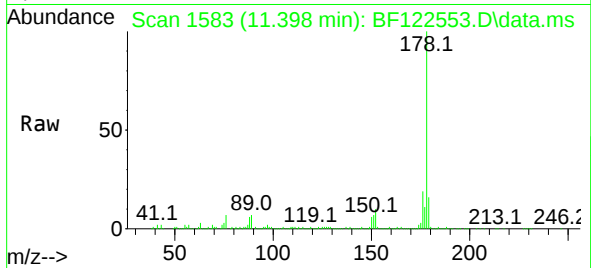
Tgt Ion:188 Resp: 479248
Ion Ratio Lower Upper
188 100
94 8.5 8.3 12.5
80 8.9 9.1 13.7#





#71
Phenanthrene
Concen: 10.98 ng
RT: 11.398 min Scan# 1583
Delta R.T. -0.006 min
Lab File: BF122553.D
Acq: 4 Dec 2020 19:11

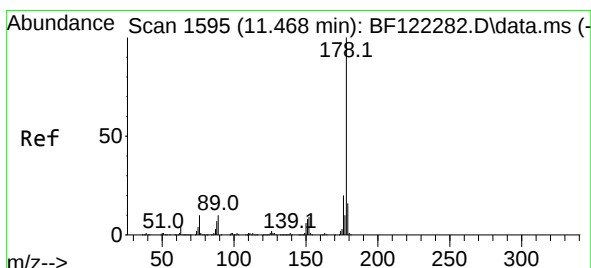
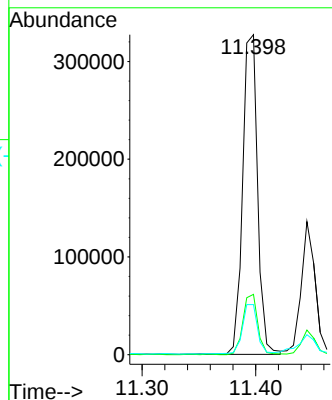
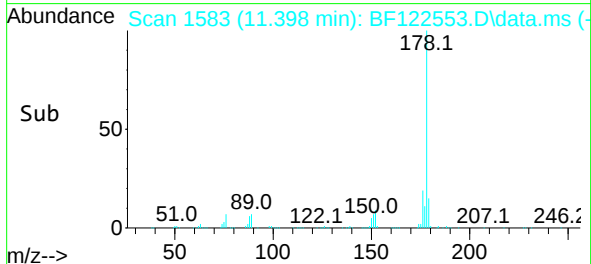
Instrument :
BNA_F
ClientSampleId :
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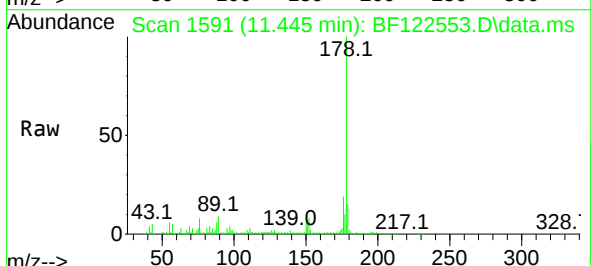
Tgt Ion:178 Resp: 298597
Ion Ratio Lower Upper
178 100
176 18.8 15.9 23.9
179 15.7 12.2 18.4

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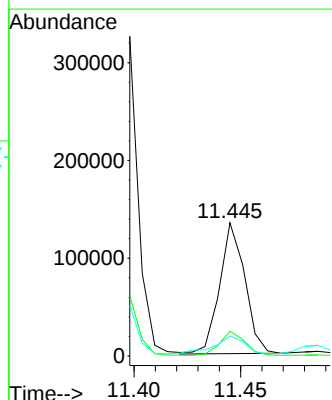
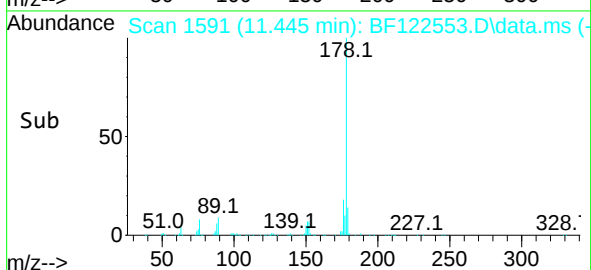
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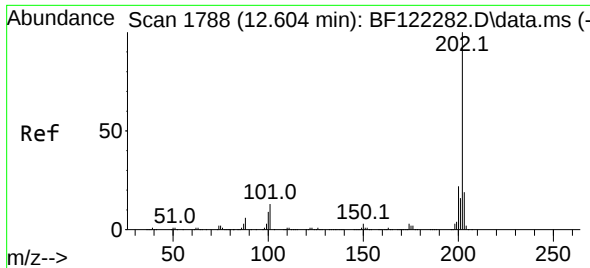


#72
Anthracene
Concen: 3.94 ng
RT: 11.445 min Scan# 1591
Delta R.T. -0.012 min
Lab File: BF122553.D
Acq: 4 Dec 2020 19:11



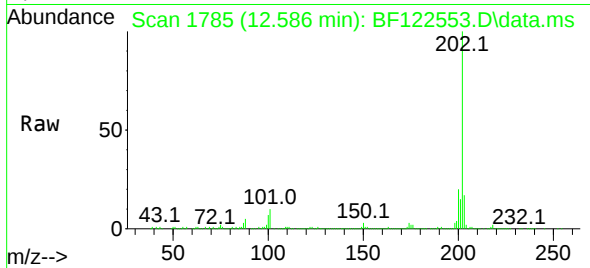
Tgt Ion:178 Resp: 110494
Ion Ratio Lower Upper
178 100
176 18.5 15.7 23.5
179 15.0 12.7 19.1





#75
Fluoranthene
Concen: 13.44 ng
RT: 12.586 min Scan# 1785
Delta R.T. -0.006 min
Lab File: BF122553.D
Acq: 4 Dec 2020 19:11

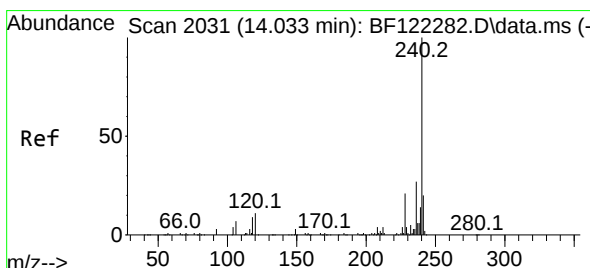
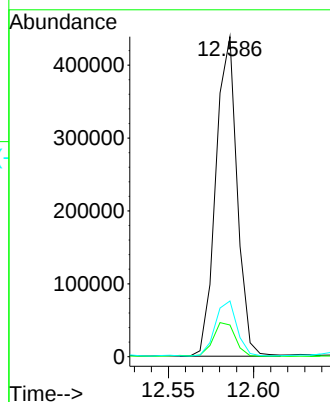
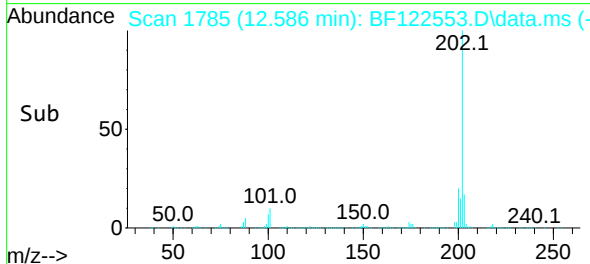
Instrument :
BNA_F
ClientSampleId :
EO-02-12320



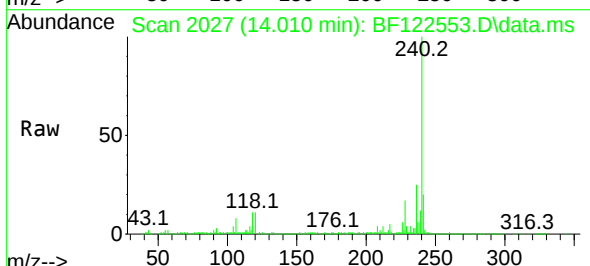
Tgt Ion:202 Resp: 381562
Ion Ratio Lower Upper
202 100
101 9.9 0.0 33.4
203 17.4 0.0 37.9

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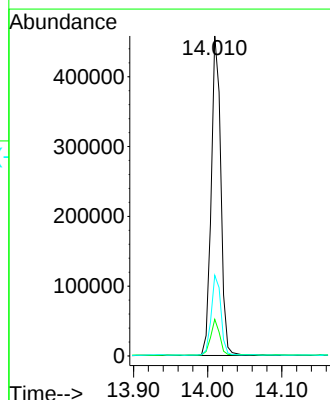
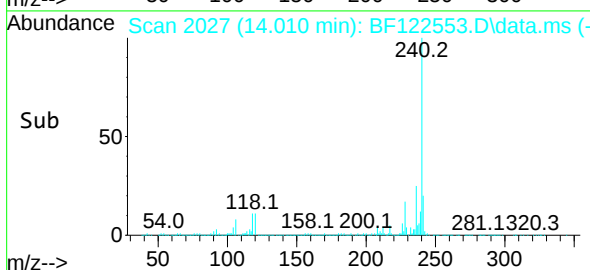
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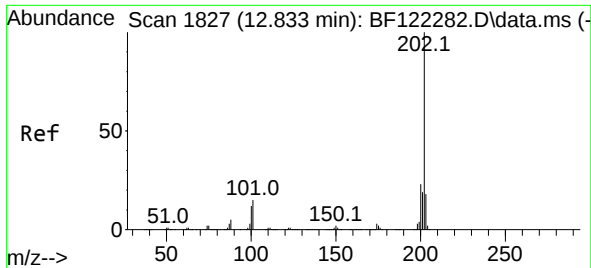


#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.010 min Scan# 2027
Delta R.T. -0.012 min
Lab File: BF122553.D
Acq: 4 Dec 2020 19:11

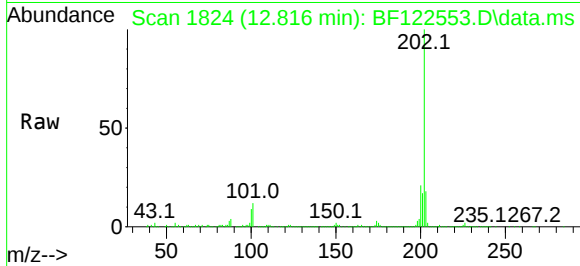


Tgt Ion:240 Resp: 412693
Ion Ratio Lower Upper
240 100
120 11.5 9.2 13.8
236 25.2 20.9 31.3

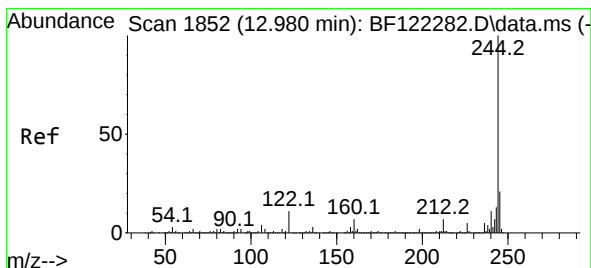
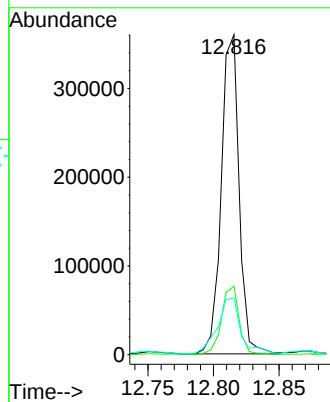
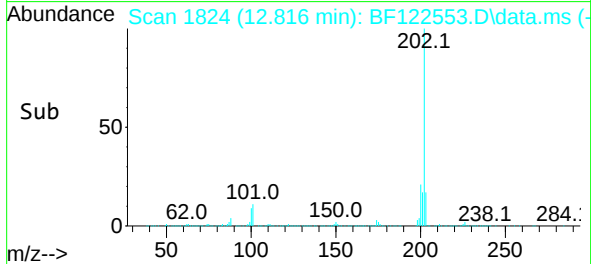




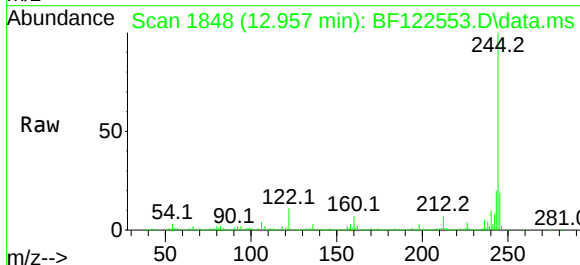
#78
Pyrene
Concen: 11.71 ng
RT: 12.816 min Scan# 1824
Delta R.T. -0.006 min
Lab File: BF122553.D
Acq: 4 Dec 2020 19:11



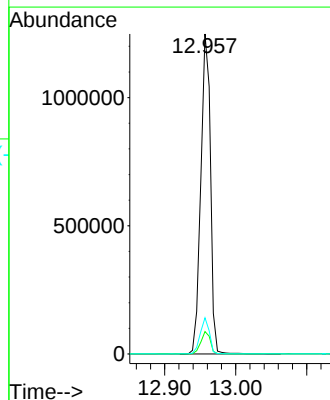
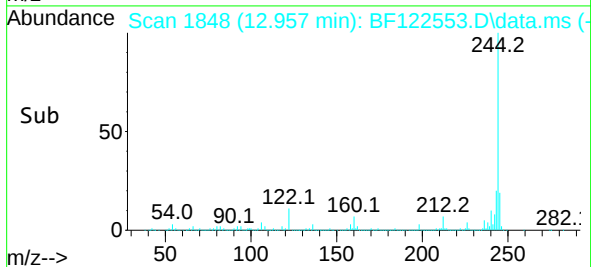
Tgt Ion:202 Resp: 339475
Ion Ratio Lower Upper
202 100
200 21.4 17.4 26.2
203 17.8 14.6 21.8



#79
Terphenyl-d14
Concen: 60.72 ng
RT: 12.957 min Scan# 1848
Delta R.T. -0.006 min
Lab File: BF122553.D
Acq: 4 Dec 2020 19:11



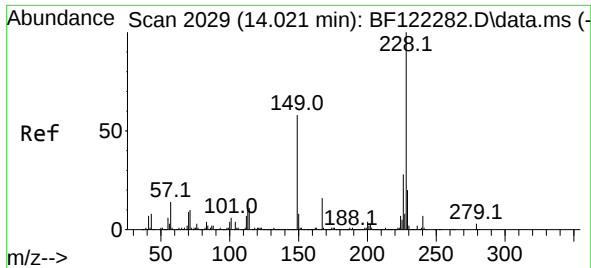
Tgt Ion:244 Resp: 1182902
Ion Ratio Lower Upper
244 100
212 7.0 5.4 8.2
122 11.3 8.1 12.1



Instrument :
BNA_F
ClientSampleId :
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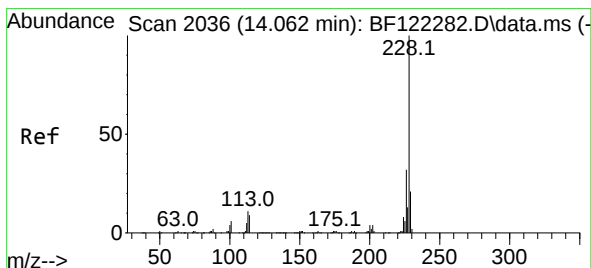
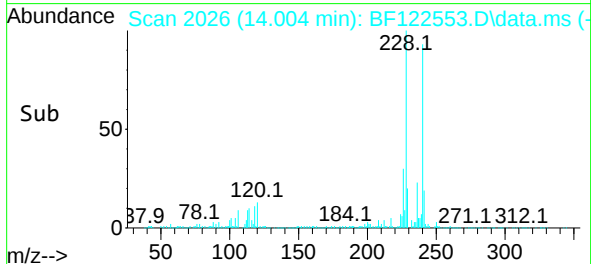
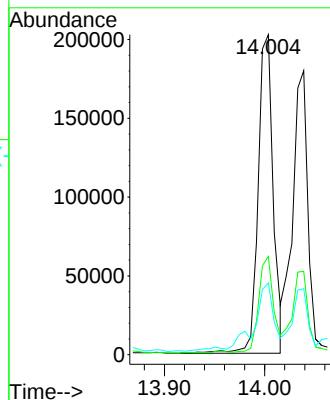
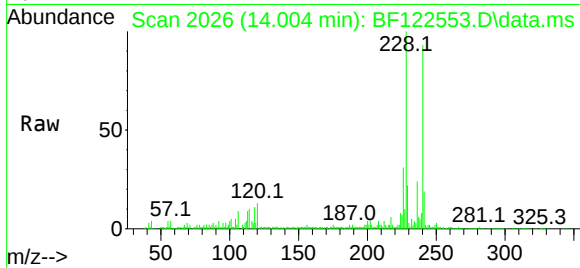
#81
Benzo(a)anthracene
Concen: 8.23 ng
RT: 14.004 min Scan# 2026
Delta R.T. -0.006 min
Lab File: BF122553.D
Acq: 4 Dec 2020 19:11

Tgt Ion:228 Resp: 211315
Ion Ratio Lower Upper
228 100
226 30.7 22.3 33.5
229 22.4 16.2 24.4

Instrument :
BNA_F
ClientSampleId :
EO-02-12320

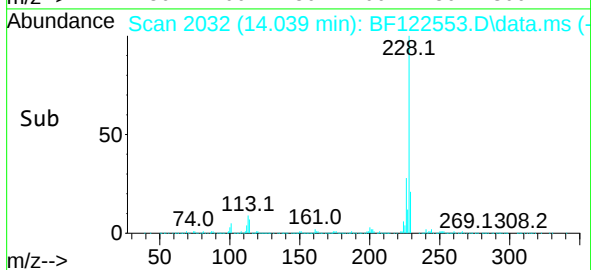
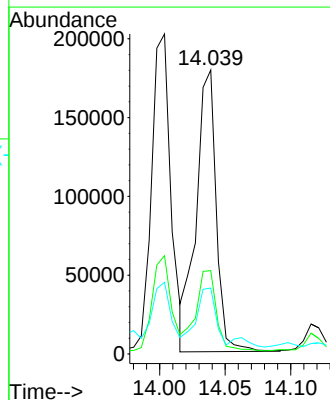
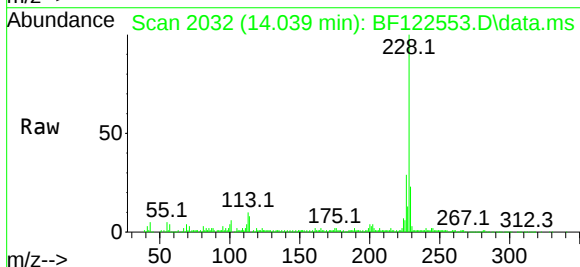
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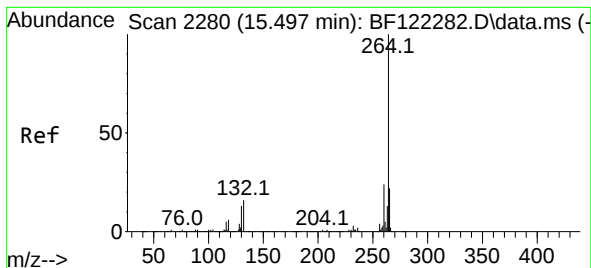
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#83
Chrysene
Concen: 7.40 ng
RT: 14.039 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BF122553.D
Acq: 4 Dec 2020 19:11

Tgt Ion:228 Resp: 191292
Ion Ratio Lower Upper
228 100
226 29.4 24.6 37.0
229 23.2 15.9 23.9





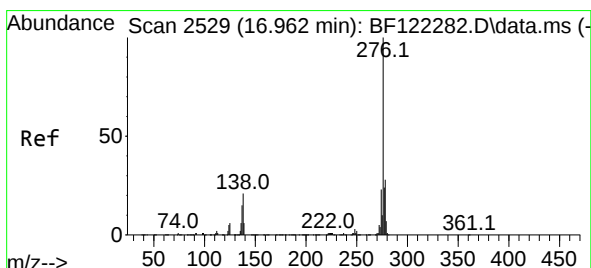
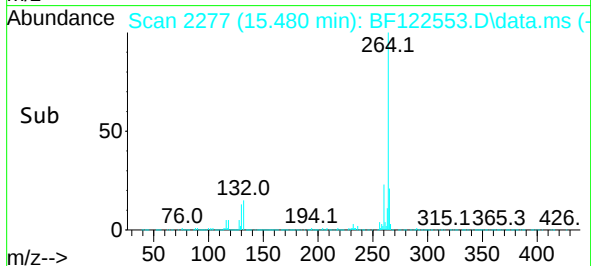
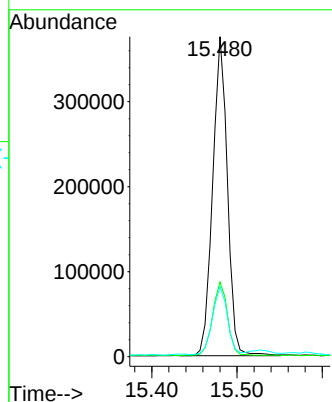
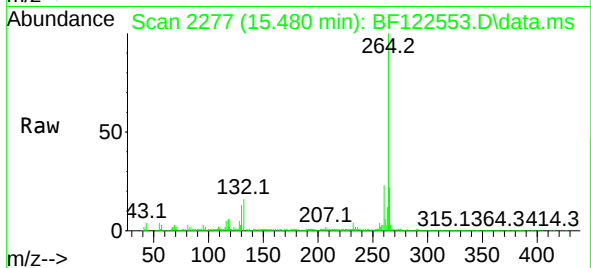
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.480 min Scan# 2277
Delta R.T. -0.000 min
Lab File: BF122553.D
Acq: 4 Dec 2020 19:11

Tgt Ion:264 Resp: 450686
Ion Ratio Lower Upper
264 100
260 23.3 18.7 28.1
265 21.9 17.3 25.9

Instrument :
BNA_F
ClientSampleId :
EO-02-12320

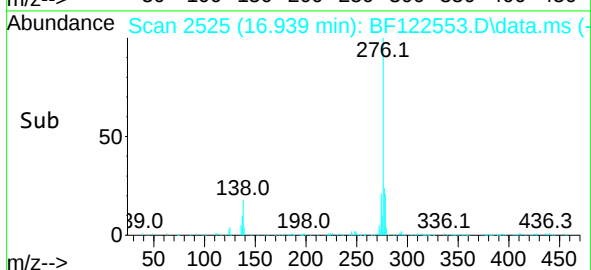
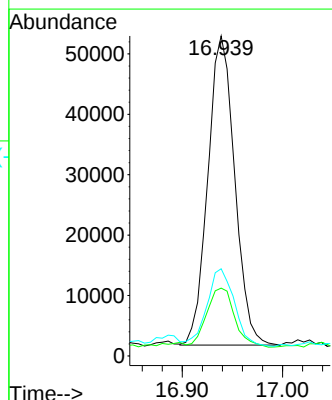
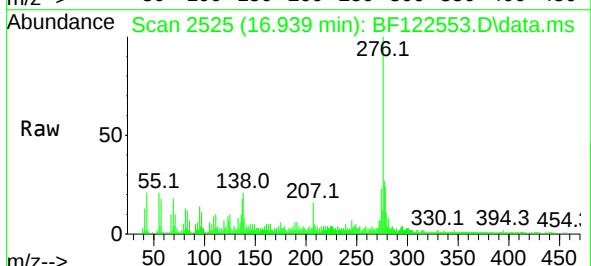
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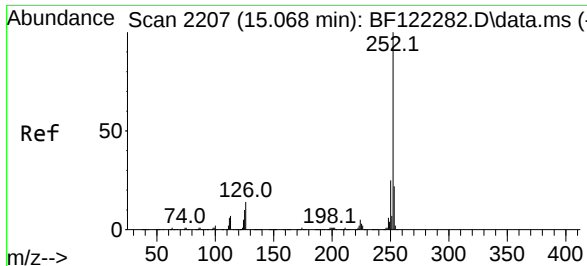
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#87
Indeno(1,2,3-cd)pyrene
Concen: 3.53 ng
RT: 16.939 min Scan# 2525
Delta R.T. -0.006 min
Lab File: BF122553.D
Acq: 4 Dec 2020 19:11

Tgt Ion:276 Resp: 95342
Ion Ratio Lower Upper
276 100
138 23.4 19.9 29.9
277 25.6 20.4 30.6





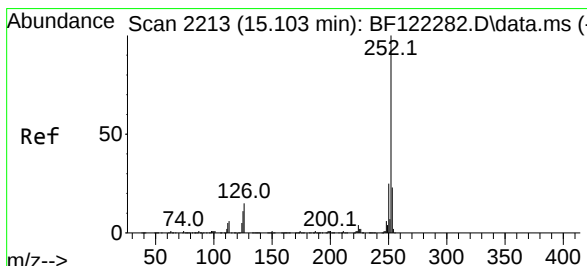
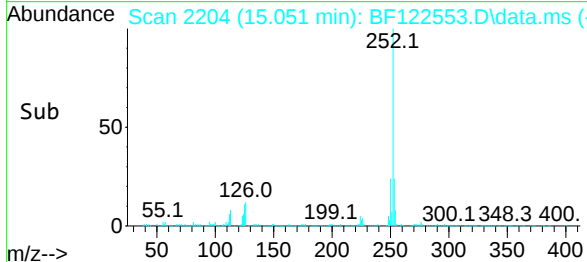
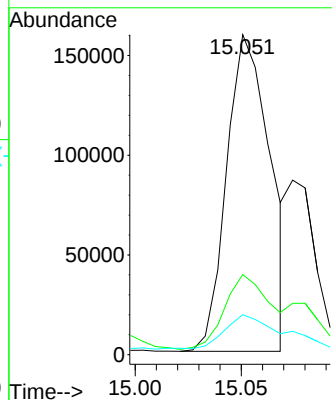
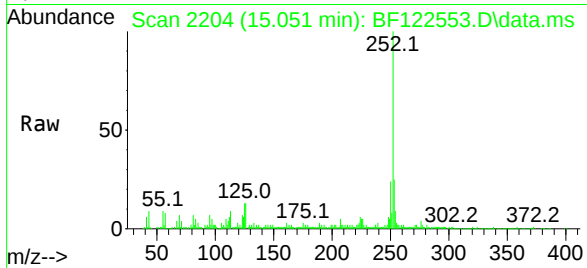
#88
Benzo(b)fluoranthene
Concen: 7.77 ng m
RT: 15.051 min Scan# 2204
Delta R.T. -0.006 min
Lab File: BF122553.D
Acq: 4 Dec 2020 19:11

Tgt Ion:252 Resp: 226881
Ion Ratio Lower Upper
252 100
253 25.0 18.2 27.2
125 12.5 8.0 12.0#

Instrument :
BNA_F
ClientSampleId :
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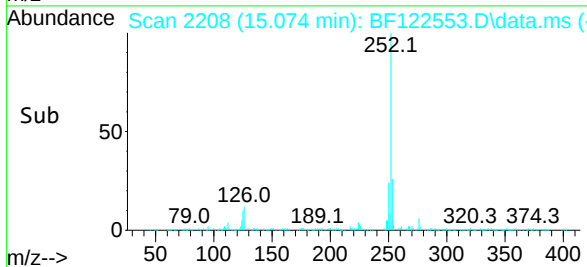
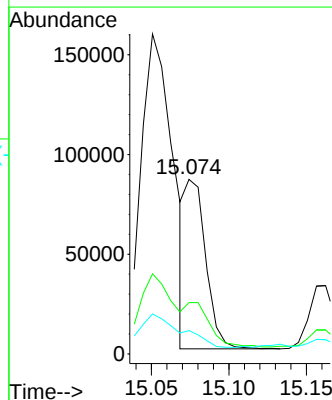
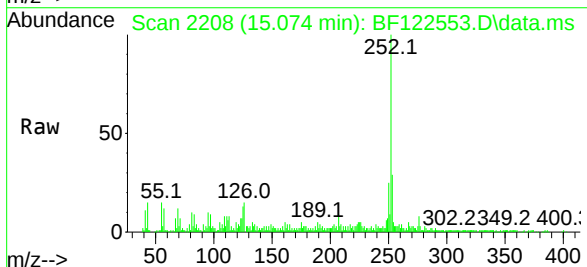
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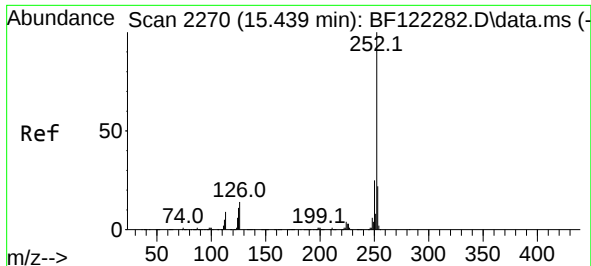
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#89
Benzo(k)fluoranthene
Concen: 2.75 ng m
RT: 15.074 min Scan# 2208
Delta R.T. -0.012 min
Lab File: BF122553.D
Acq: 4 Dec 2020 19:11

Tgt Ion:252 Resp: 78315
Ion Ratio Lower Upper
252 100
253 29.4 17.8 26.6#
125 13.4 7.7 11.5#





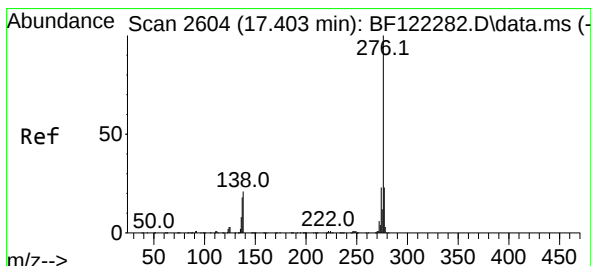
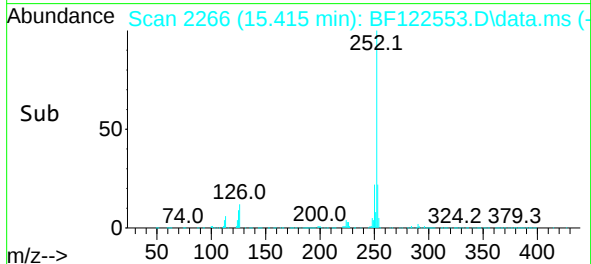
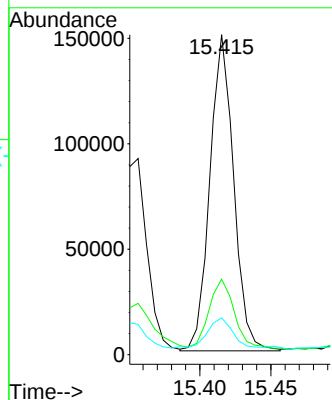
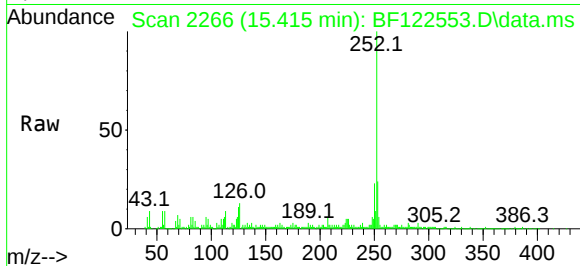
#90
Benzo(a)pyrene
Concen: 6.85 ng
RT: 15.415 min Scan# 2266
Delta R.T. -0.006 min
Lab File: BF122553.D
Acq: 4 Dec 2020 19:11

Tgt Ion:	252	Resp:	174350
Ion Ratio	Lower	Upper	
252	100		
253	23.6	17.3	25.9
125	11.5	8.6	13.0

Instrument :
BNA_F
ClientSampleId :
EO-02-12320

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#92
Benzo(g,h,i)perylene
Concen: 4.08 ng
RT: 17.380 min Scan# 2600
Delta R.T. -0.006 min
Lab File: BF122553.D
Acq: 4 Dec 2020 19:11

Tgt Ion:	276	Resp:	89866
Ion Ratio	Lower	Upper	
276	100		
277	27.3	19.4	29.2
138	22.6	17.8	26.6

