

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121220\
 Data File : BF122692.D
 Acq On : 12 Dec 2020 22:23
 Operator : JU/CG
 Sample : L5045-02
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RBR-10

Manual Integrations
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mohammad
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Quant Time: Dec 13 23:47:18 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 07 12:08:49 2020
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.834	152	144793	20.00	ng	0.00
21) Naphthalene-d8	8.116	136	553666	20.00	ng	-0.01
39) Acenaphthene-d10	9.875	164	285850	20.00	ng	0.00
64) Phenanthrene-d10	11.357	188	516160	20.00	ng	-0.01
76) Chrysene-d12	13.998	240	374276	20.00	ng	-0.01
86) Perylene-d12	15.462	264	359018	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.457	112	792882	86.69	ng	0.00
7) Phenol-d6	6.463	99	979458	80.75	ng	-0.02
23) Nitrobenzene-d5	7.398	82	601781	54.46	ng	-0.01
42) 2,4,6-Tribromophenol	10.663	330	275629	73.66	ng	-0.01
45) 2-Fluorobiphenyl	9.192	172	1029282	48.70	ng	-0.01
79) Terphenyl-d14	12.945	244	959991	44.90	ng	-0.01
Target Compounds						Qvalue
10) Phenol	6.475	94	58181	4.63	ng	93
50) Dimethylphthalate	9.586	163	93868	4.11	ng	99
71) Phenanthrene	11.380	178	78794	2.57	ng	97
75) Fluoranthene	12.569	202	204169	6.35	ng	99
78) Pyrene	12.798	202	193646	6.69	ng	97
81) Benzo(a)anthracene	13.986	228	110994	4.44	ng	98
83) Chrysene	14.021	228	96584	3.88	ng	95
87) Indeno(1,2,3-cd)pyrene	16.909	276	47540	2.02	ng	98
88) Benzo(b)fluoranthene	15.039	252	115020m	4.57	ng	
90) Benzo(a)pyrene	15.398	252	74092	3.36	ng	98
92) Benzo(g,h,i)perylene	17.351	276	43849	2.35	ng	99

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

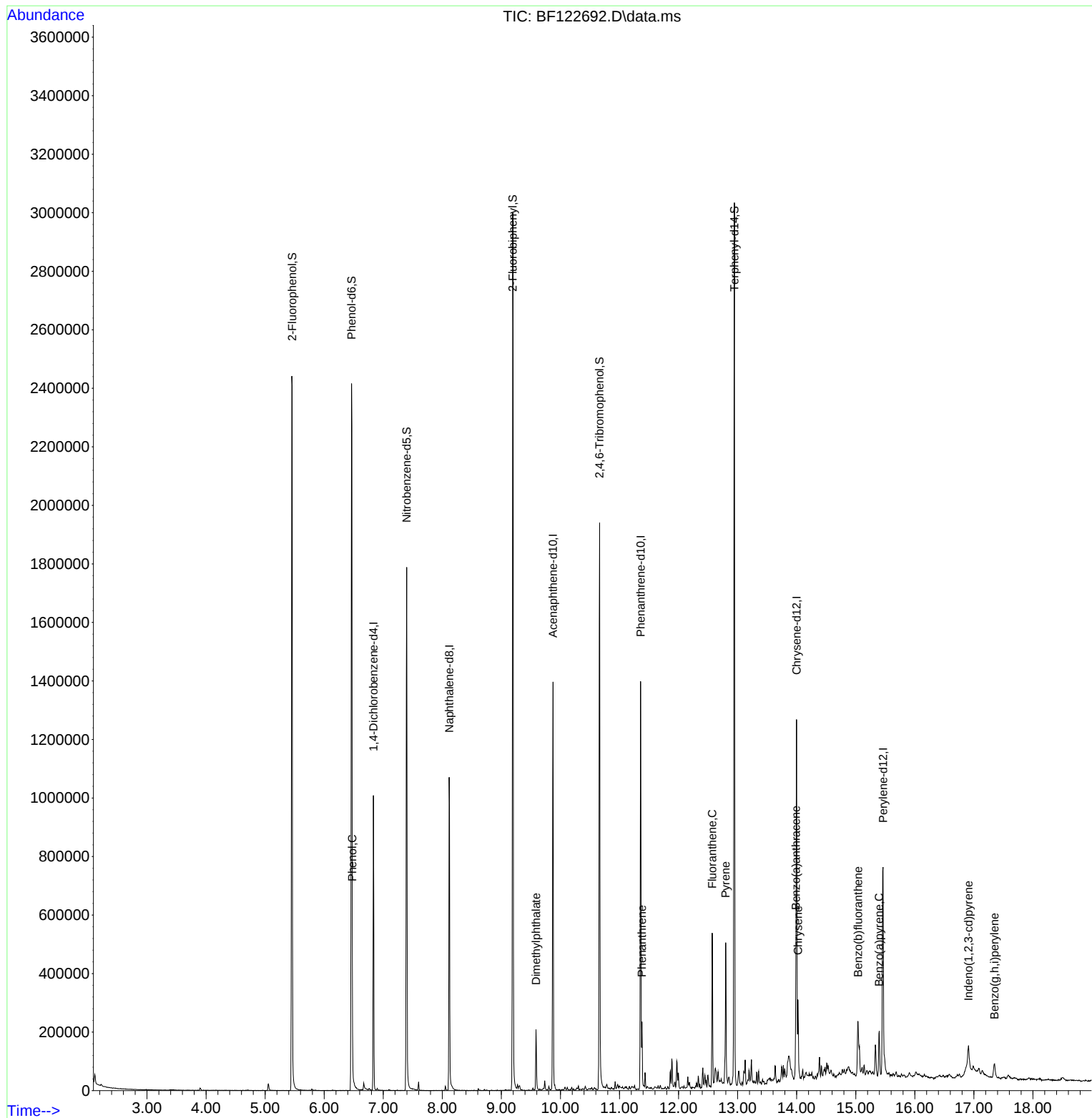
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121220\
Data File : BF122692.D
Acq On : 12 Dec 2020 22:23
Operator : JU/CG
Sample : L5045-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

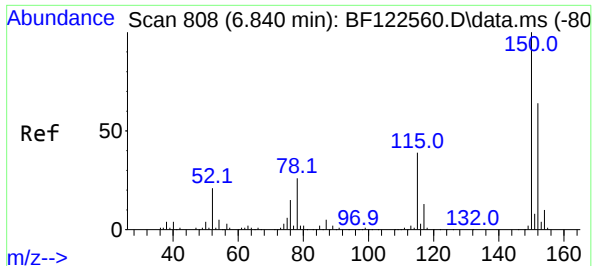
Instrument :
BNA_F
ClientSampleId :
RBR-10

Manual Integrations
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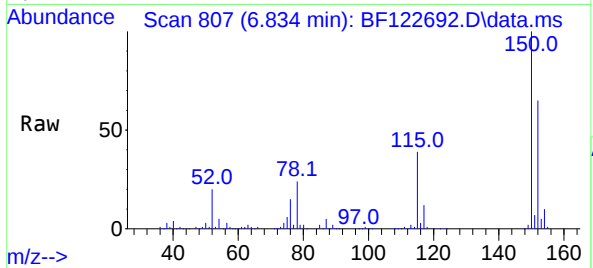
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12/15/2020 12:18:05 PM

Quant Time: Dec 13 23:47:18 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 07 12:08:49 2020
Response via : Initial Calibration

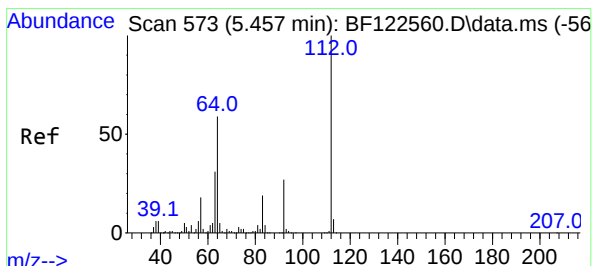
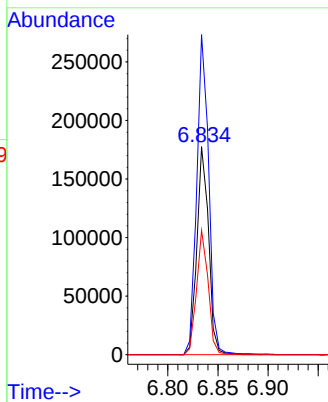
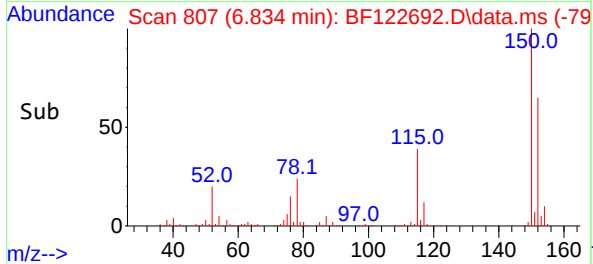




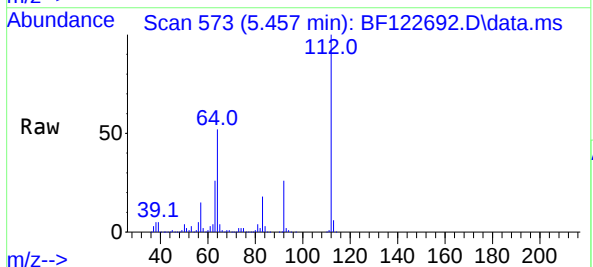
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.834 min Scan# 807
Delta R.T. -0.006 min
Lab File: BF122692.D
Acq: 12 Dec 2020 22:23



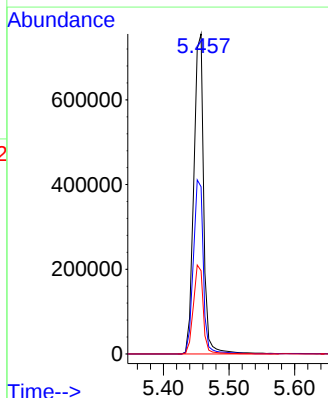
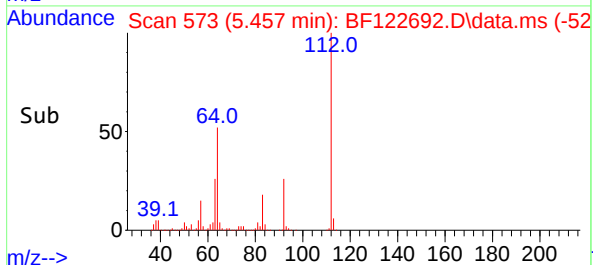
Tgt Ion:152 Resp: 144793
Ion Ratio Lower Upper
152 100
150 153.9 125.8 188.6
115 59.8 49.3 73.9



#5
2-Fluorophenol
Concen: 86.69 ng
RT: 5.457 min Scan# 573
Delta R.T. -0.000 min
Lab File: BF122692.D
Acq: 12 Dec 2020 22:23



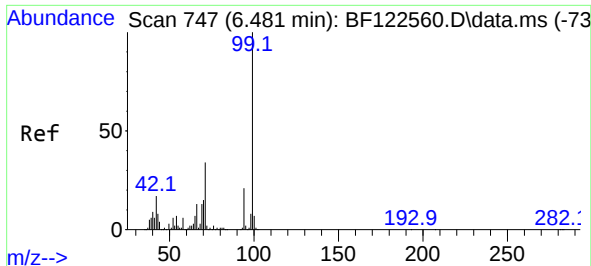
Tgt Ion:112 Resp: 792882
Ion Ratio Lower Upper
112 100
64 52.3 46.9 70.3
63 26.0 24.5 36.7



Instrument :
BNA_F
ClientSampled :
RBR-10

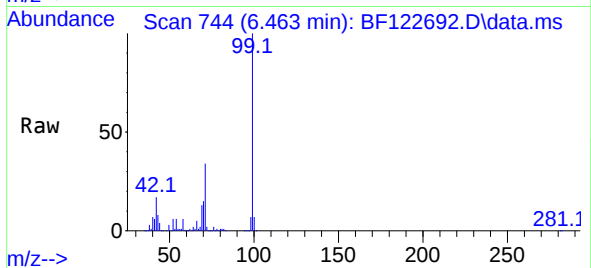
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#7
Phenol-d6
Concen: 80.75 ng
RT: 6.463 min Scan# 744
Delta R.T. -0.018 min
Lab File: BF122692.D
Acq: 12 Dec 2020 22:23

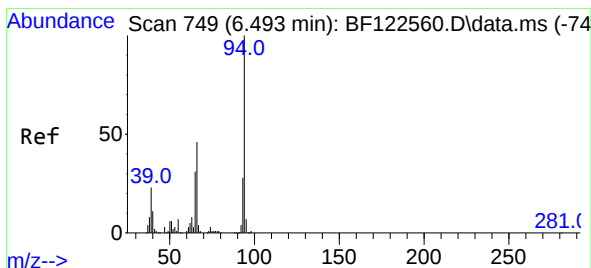
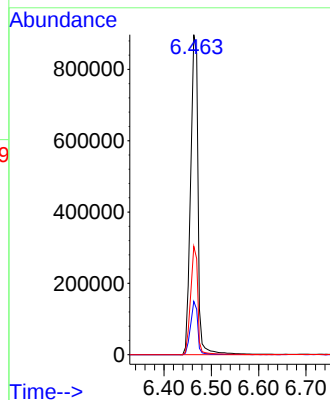
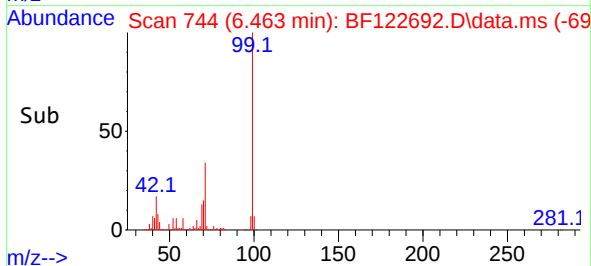
Instrument :
BNA_F
ClientSampleId :
RBR-10



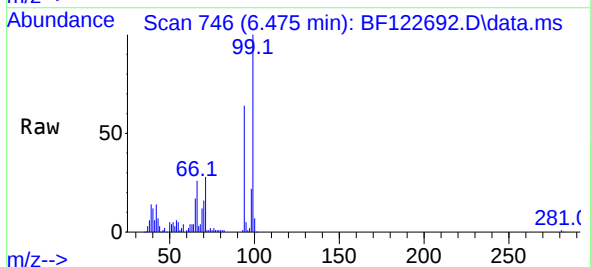
Tgt Ion: 99 Resp: 979458
Ion Ratio Lower Upper
99 100
42 16.7 13.8 20.6
71 33.8 26.9 40.3

Manual Integrations
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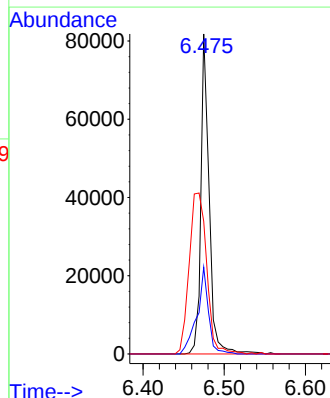
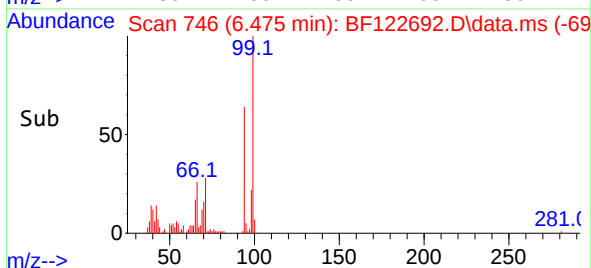
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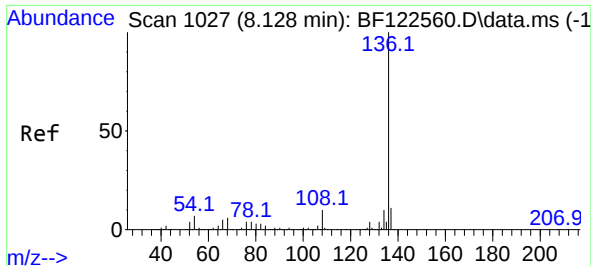


#10
Phenol
Concen: 4.63 ng
RT: 6.475 min Scan# 746
Delta R.T. -0.018 min
Lab File: BF122692.D
Acq: 12 Dec 2020 22:23



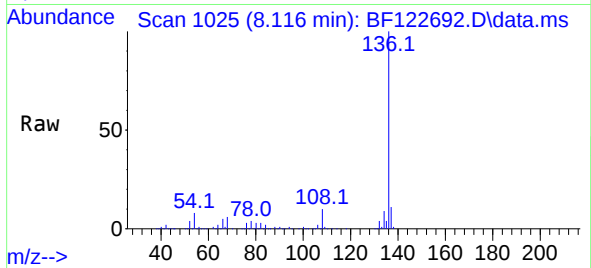
Tgt Ion: 94 Resp: 58181
Ion Ratio Lower Upper
94 100
65 27.1 11.2 51.2
66 41.5 25.8 65.8





#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.116 min Scan# 1025
Delta R.T. -0.012 min
Lab File: BF122692.D
Acq: 12 Dec 2020 22:23

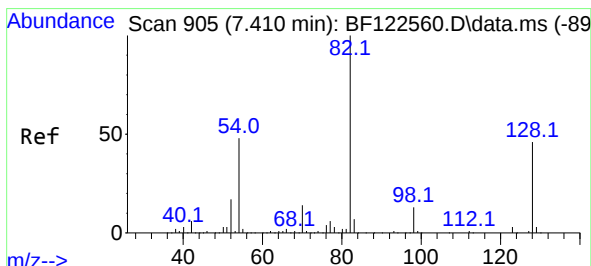
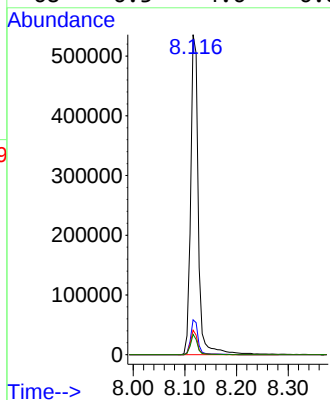
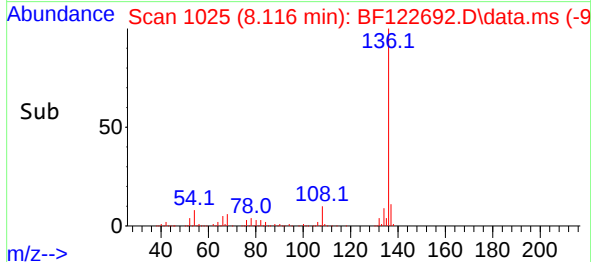
Instrument :
BNA_F
ClientSampleId :
RBR-10



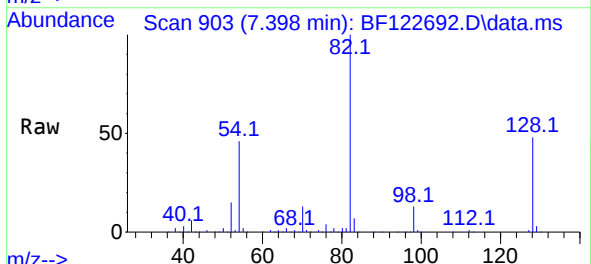
Tgt Ion:136 Resp: 553666
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 7.7 5.5 8.3
68 6.3 4.6 6.8

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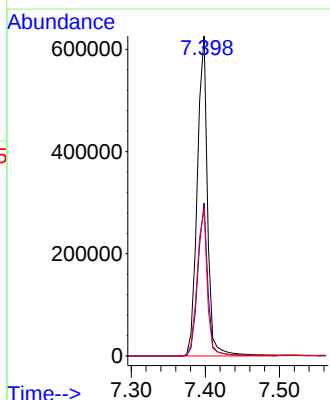
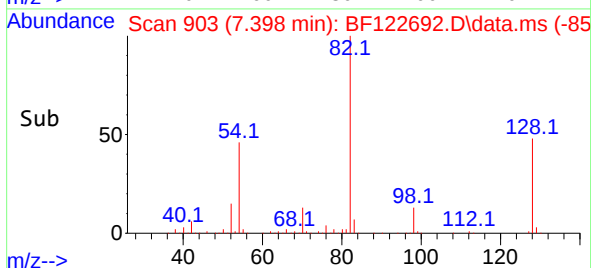
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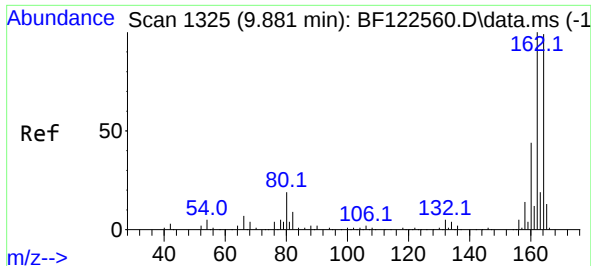


#23
Nitrobenzene-d5
Concen: 54.46 ng
RT: 7.398 min Scan# 903
Delta R.T. -0.012 min
Lab File: BF122692.D
Acq: 12 Dec 2020 22:23



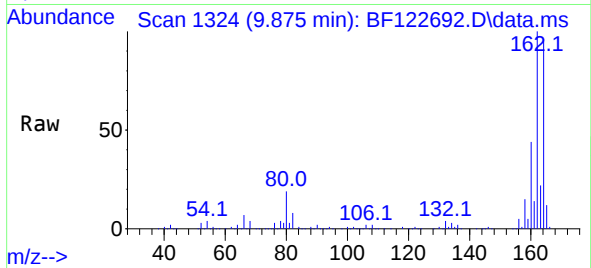
Tgt Ion: 82 Resp: 601781
Ion Ratio Lower Upper
82 100
128 47.8 37.0 55.4
54 45.8 38.4 57.6





#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.875 min Scan# 1324
Delta R.T. -0.006 min
Lab File: BF122692.D
Acq: 12 Dec 2020 22:23

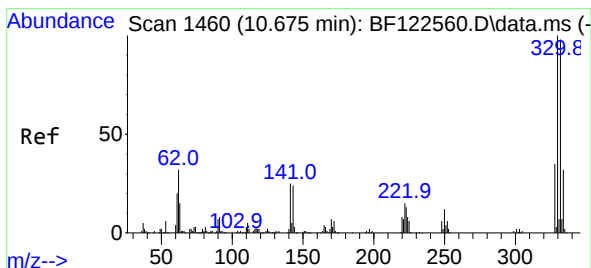
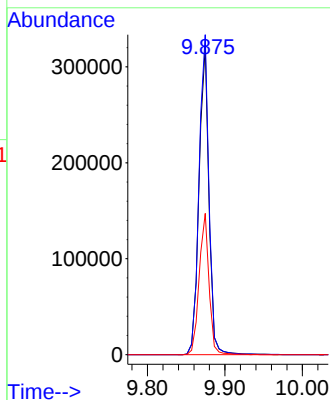
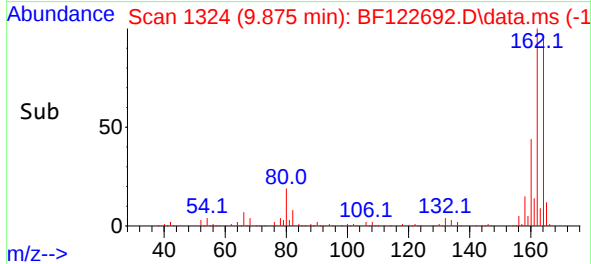
Instrument :
BNA_F
ClientSampled :
RBR-10



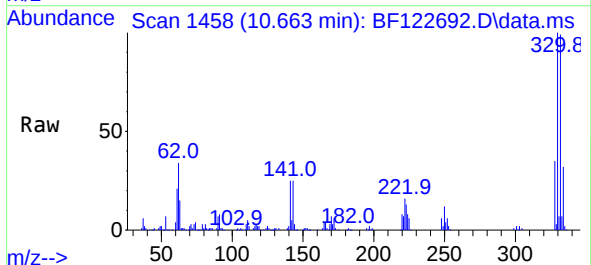
Tgt Ion:164 Resp: 285850
Ion Ratio Lower Upper
164 100
162 103.8 80.8 121.2
160 45.8 35.4 53.0

Manual Integrations
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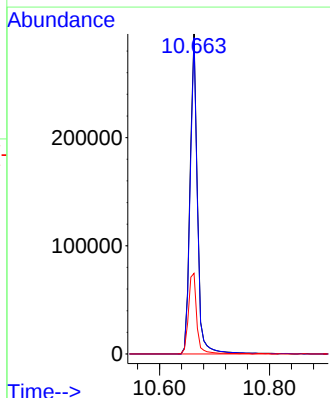
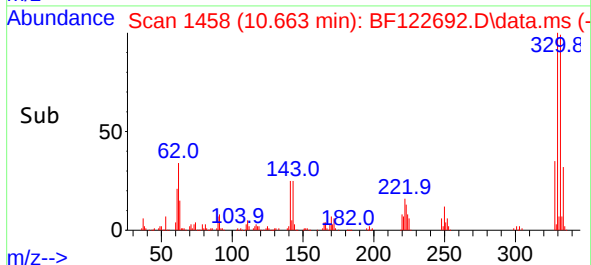
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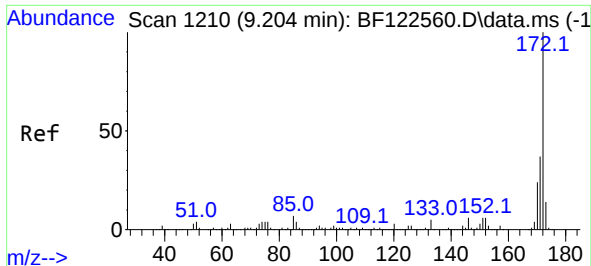


#42
2,4,6-Tribromophenol
Concen: 73.66 ng
RT: 10.663 min Scan# 1458
Delta R.T. -0.012 min
Lab File: BF122692.D
Acq: 12 Dec 2020 22:23



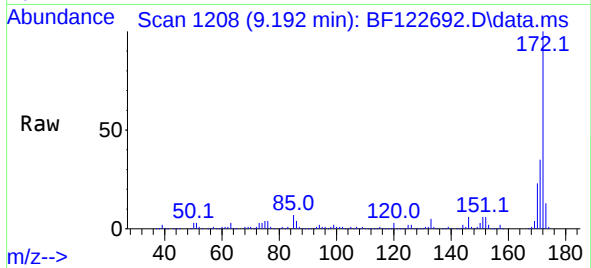
Tgt Ion:330 Resp: 275629
Ion Ratio Lower Upper
330 100
332 96.9 77.5 116.3
141 28.3 23.8 35.8





#45
2-Fluorobiphenyl
Concen: 48.70 ng
RT: 9.192 min Scan# 1208
Delta R.T. -0.012 min
Lab File: BF122692.D
Acq: 12 Dec 2020 22:23

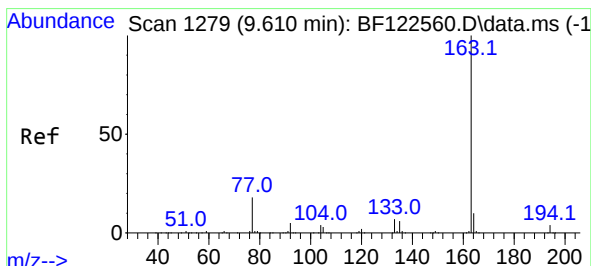
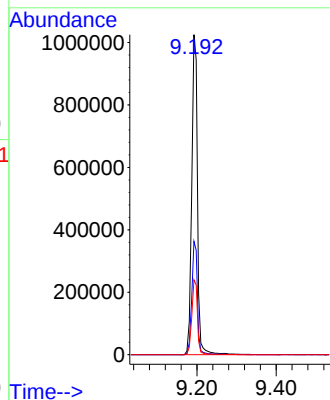
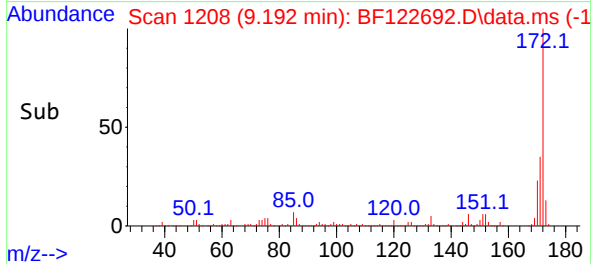
Instrument :
BNA_F
ClientSampled :
RBR-10



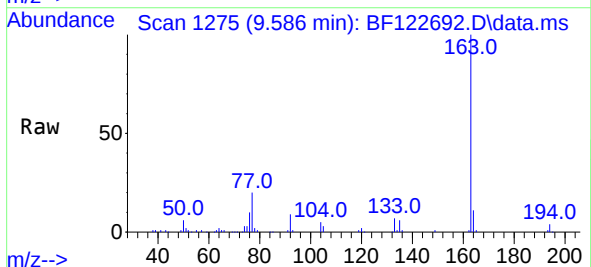
Tgt Ion:172 Resp: 1029282
Ion Ratio Lower Upper
172 100
171 35.4 29.6 44.4
170 23.4 19.5 29.3

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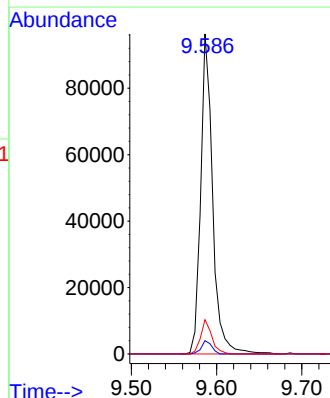
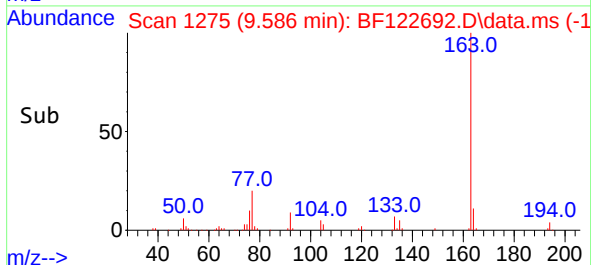
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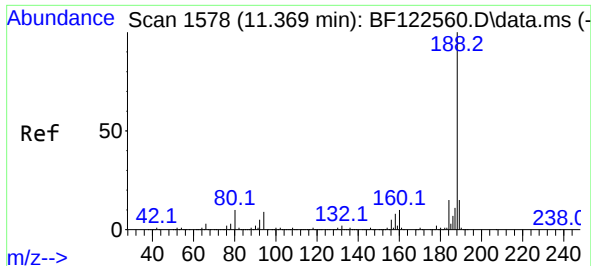


#50
Dimethylphthalate
Concen: 4.11 ng
RT: 9.586 min Scan# 1275
Delta R.T. -0.024 min
Lab File: BF122692.D
Acq: 12 Dec 2020 22:23



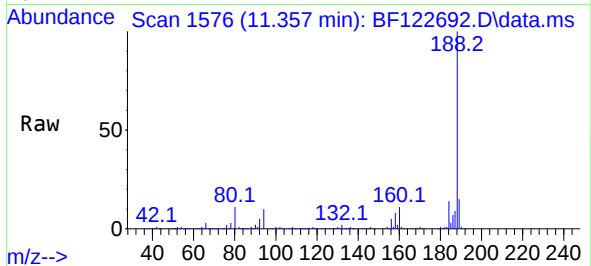
Tgt Ion:163 Resp: 93868
Ion Ratio Lower Upper
163 100
194 4.1 3.4 5.0
164 10.7 8.1 12.1





#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.357 min Scan# 1576
Delta R.T. -0.012 min
Lab File: BF122692.D
Acq: 12 Dec 2020 22:23

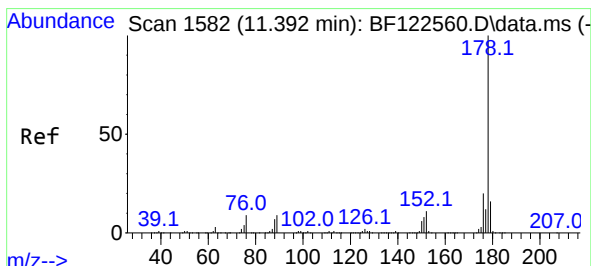
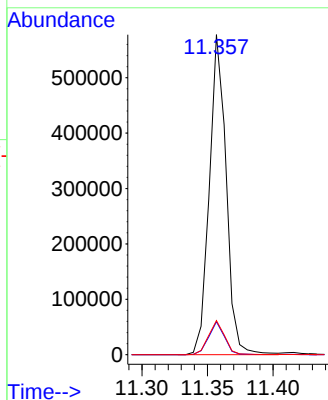
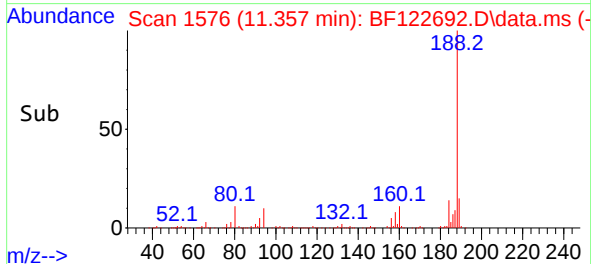
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BNA_F
ClientSampled :
RBR-10



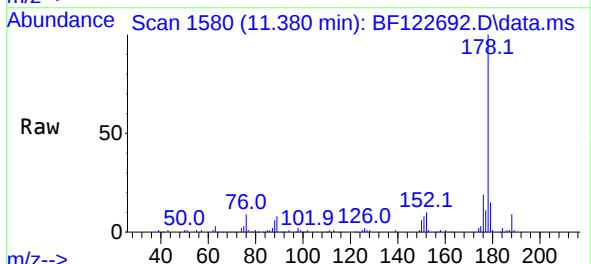
Tgt Ion:188 Resp: 516160
Ion Ratio Lower Upper
188 100
94 10.3 7.4 11.2
80 10.7 8.2 12.4

Manual Integrations
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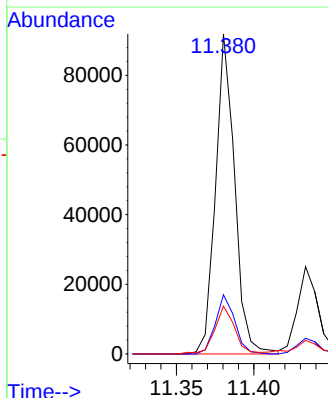
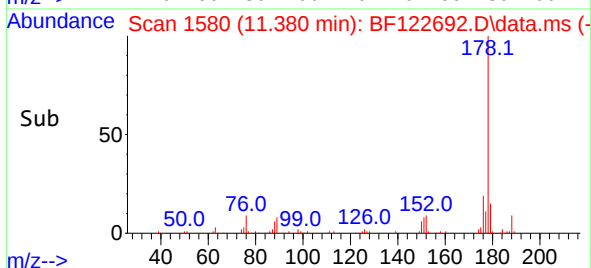
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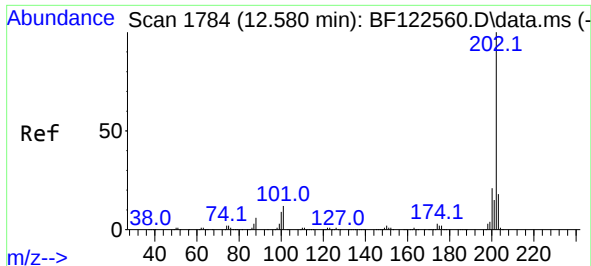


#71
Phenanthrene
Concen: 2.57 ng
RT: 11.380 min Scan# 1580
Delta R.T. -0.012 min
Lab File: BF122692.D
Acq: 12 Dec 2020 22:23

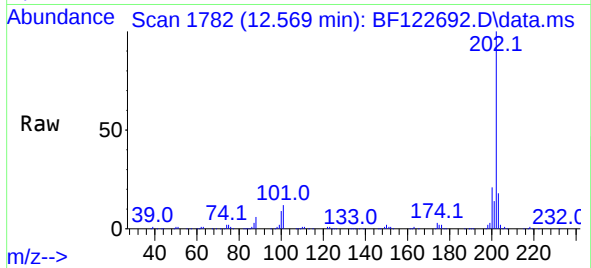


Tgt Ion:178 Resp: 78794
Ion Ratio Lower Upper
178 100
176 18.5 16.2 24.2
179 15.0 12.7 19.1

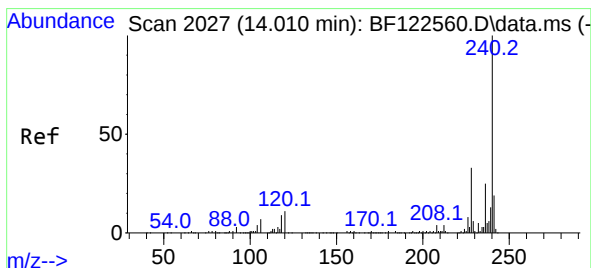
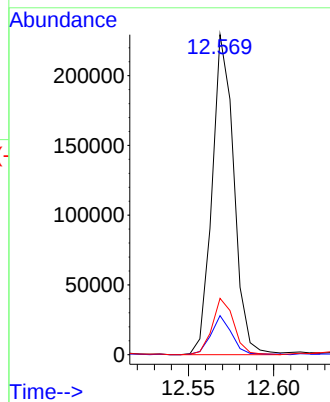
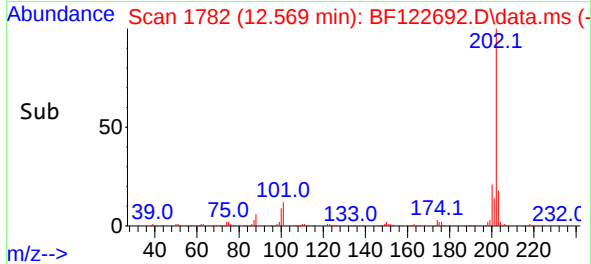




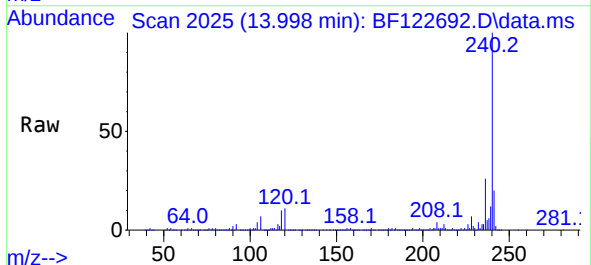
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Fluoranthene
Concen: 6.35 ng
RT: 12.569 min Scan# 1782
Delta R.T. -0.012 min
Lab File: BF122692.D
Acq: 12 Dec 2020 22:23



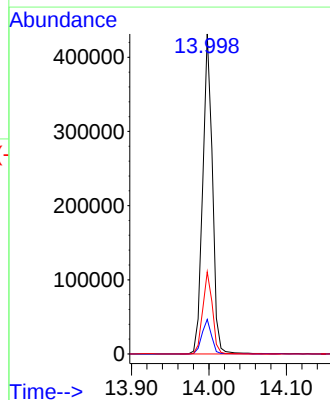
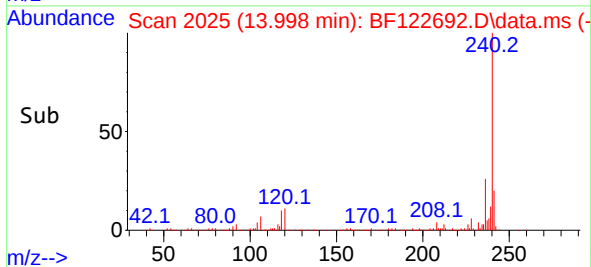
Tgt Ion:202 Resp: 204169
Ion Ratio Lower Upper
202 100
101 12.2 0.0 32.2
203 17.6 0.0 38.1



#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.998 min Scan# 2025
Delta R.T. -0.012 min
Lab File: BF122692.D
Acq: 12 Dec 2020 22:23



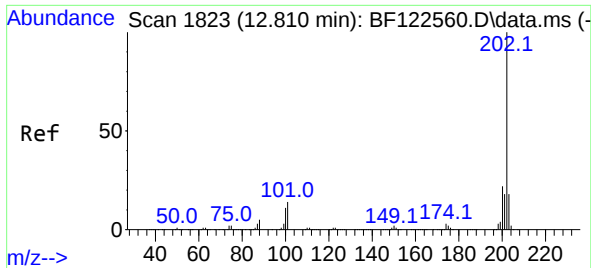
Tgt Ion:240 Resp: 374276
Ion Ratio Lower Upper
240 100
120 10.8 8.6 12.8
236 25.7 20.3 30.5



Instrument :
BNA_F
ClientSampleId :
RBR-10

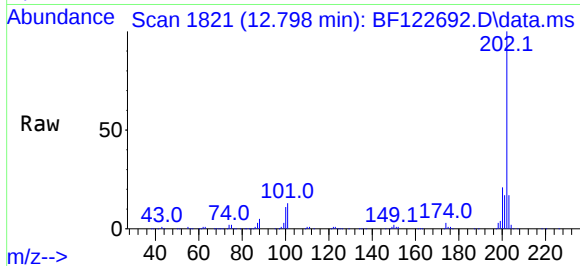
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#78
Pyrene
Concen: 6.69 ng
RT: 12.798 min Scan# 1821
Delta R.T. -0.012 min
Lab File: BF122692.D
Acq: 12 Dec 2020 22:23

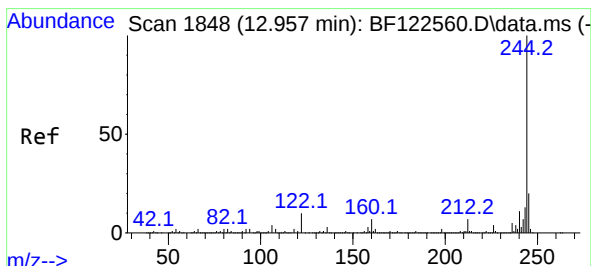
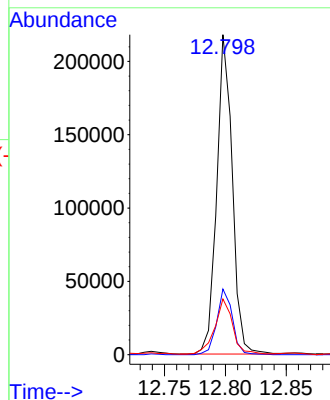
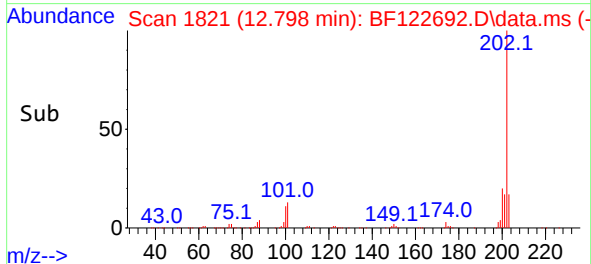
Instrument :
BNA_F
ClientSampled :
RBR-10



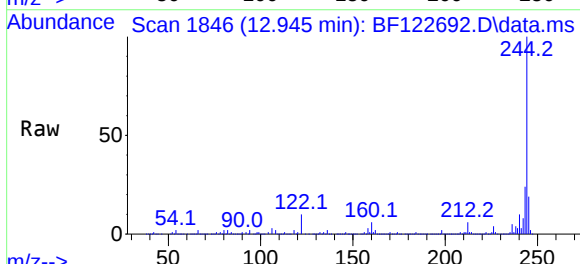
Tgt Ion:202 Resp: 193646
Ion Ratio Lower Upper
202 100
200 20.5 17.6 26.4
203 17.4 14.6 21.8

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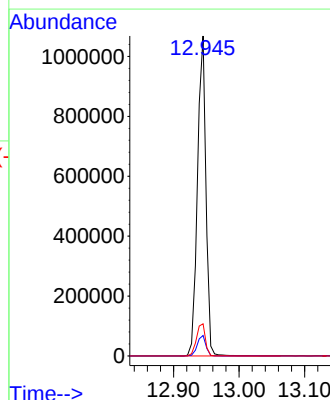
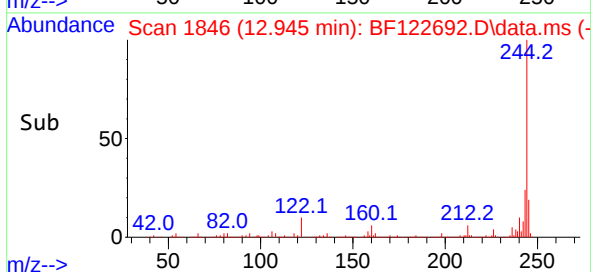
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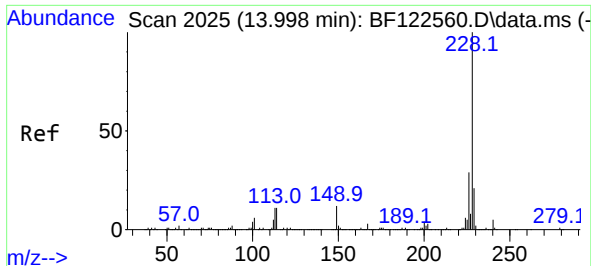


#79
Terphenyl-d14
Concen: 44.90 ng
RT: 12.945 min Scan# 1846
Delta R.T. -0.012 min
Lab File: BF122692.D
Acq: 12 Dec 2020 22:23



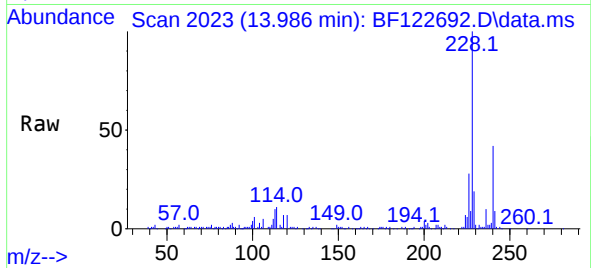
Tgt Ion:244 Resp: 959991
Ion Ratio Lower Upper
244 100
212 6.4 5.7 8.5
122 10.1 8.3 12.5





#81
Benzo(a)anthracene
Concen: 4.44 ng
RT: 13.986 min Scan# 2023
Delta R.T. -0.012 min
Lab File: BF122692.D
Acq: 12 Dec 2020 22:23

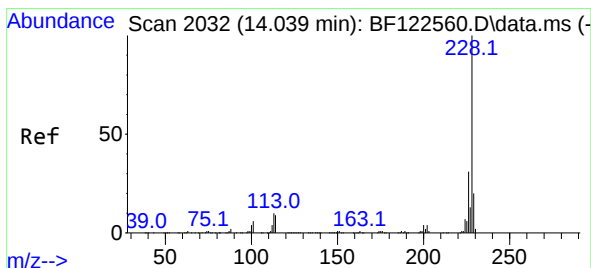
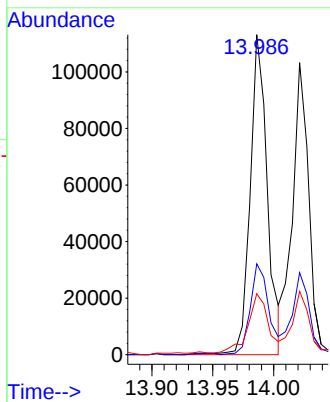
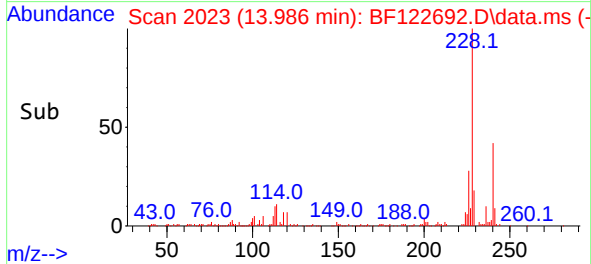
Instrument :
BNA_F
ClientSampled :
RBR-10



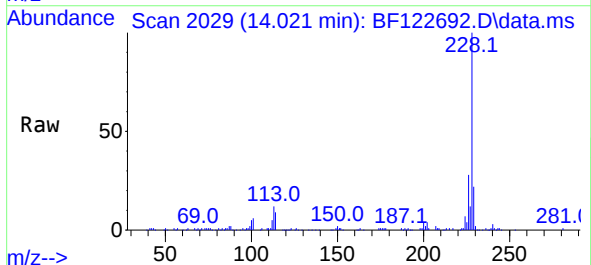
Tgt Ion:228 Resp: 110994
Ion Ratio Lower Upper
228 100
226 28.4 23.0 34.4
229 19.0 16.6 24.8

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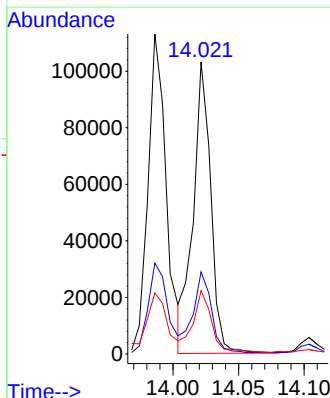
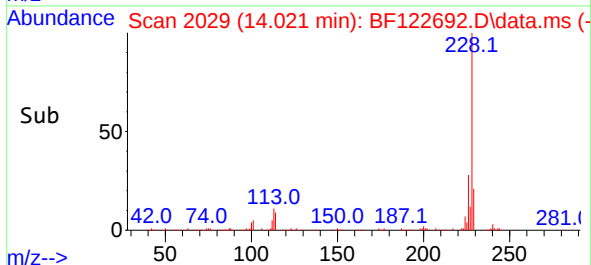
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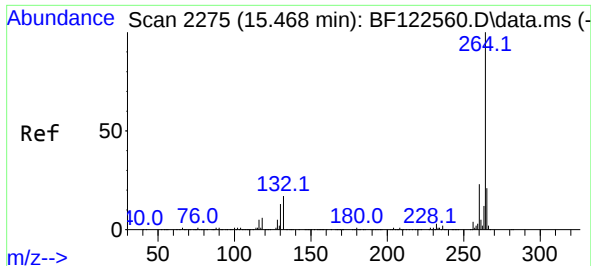


#83
Chrysene
Concen: 3.88 ng
RT: 14.021 min Scan# 2029
Delta R.T. -0.018 min
Lab File: BF122692.D
Acq: 12 Dec 2020 22:23



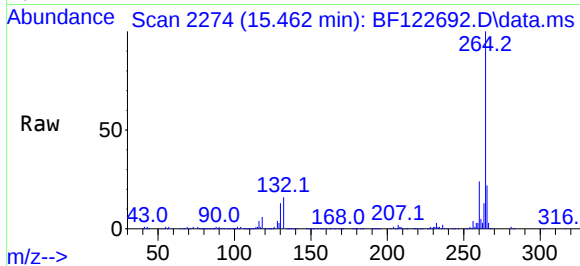
Tgt Ion:228 Resp: 96584
Ion Ratio Lower Upper
228 100
226 28.1 24.6 36.8
229 21.7 15.8 23.6





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.462 min Scan# 2274
Delta R.T. -0.006 min
Lab File: BF122692.D
Acq: 12 Dec 2020 22:23

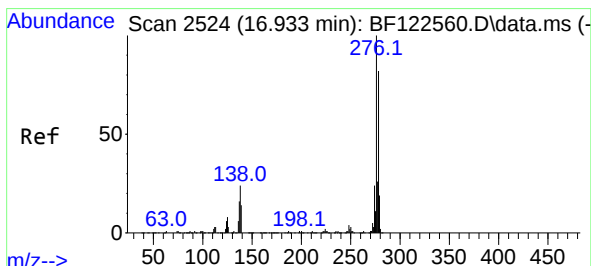
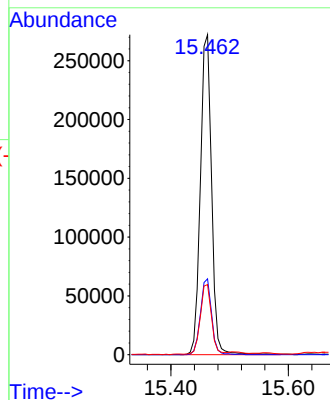
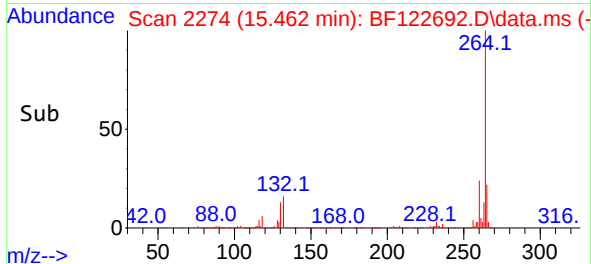
Instrument :
BNA_F
ClientSampled :
RBR-10



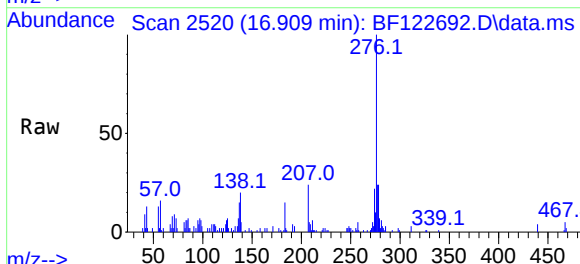
Tgt Ion:264 Resp: 359018
Ion Ratio Lower Upper
264 100
260 23.7 18.6 28.0
265 21.9 17.0 25.6

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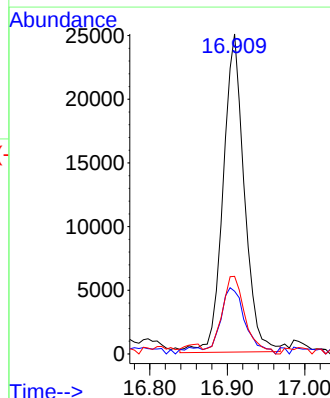
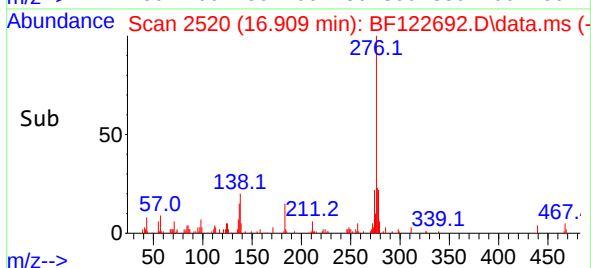
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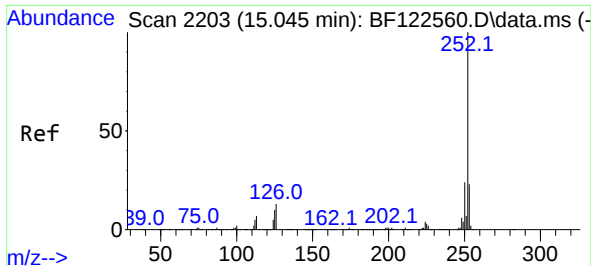


#87
Indeno(1,2,3-cd)pyrene
Concen: 2.02 ng
RT: 16.909 min Scan# 2520
Delta R.T. -0.024 min
Lab File: BF122692.D
Acq: 12 Dec 2020 22:23

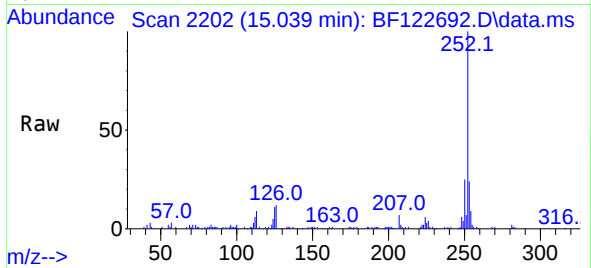


Tgt Ion:276 Resp: 47540
Ion Ratio Lower Upper
276 100
138 24.0 18.7 28.1
277 26.8 20.2 30.4

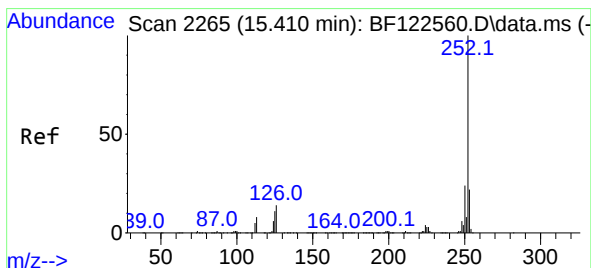
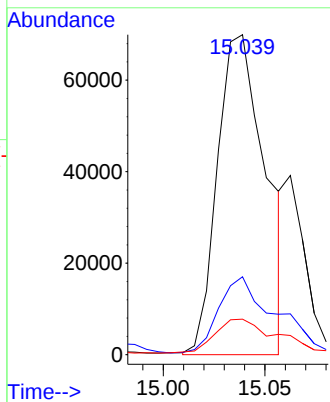
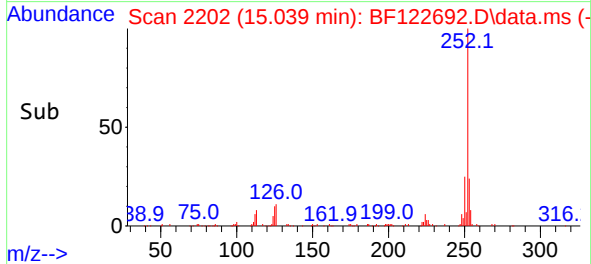




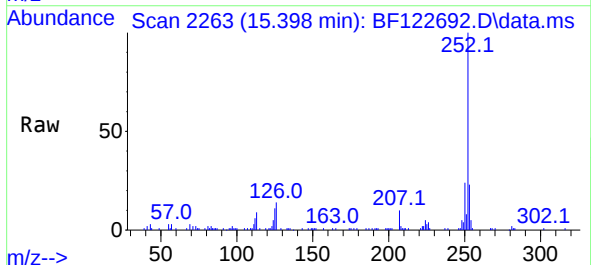
#88
Benzo(b)fluoranthene
Concen: 4.57 ng m
RT: 15.039 min Scan# 2202
Delta R.T. -0.006 min
Lab File: BF122692.D
Acq: 12 Dec 2020 22:23



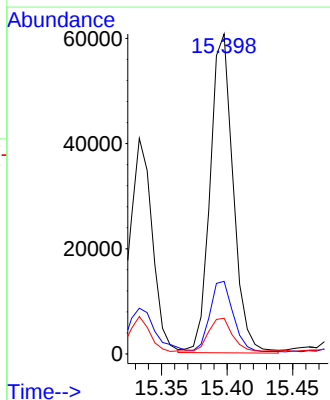
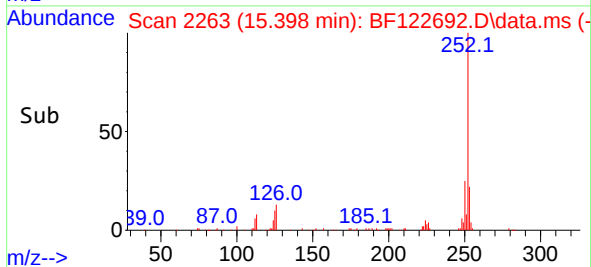
Tgt Ion:252 Resp: 115020
Ion Ratio Lower Upper
252 100
253 24.4 18.3 27.5
125 11.1 8.1 12.1



#90
Benzo(a)pyrene
Concen: 3.36 ng
RT: 15.398 min Scan# 2263
Delta R.T. -0.012 min
Lab File: BF122692.D
Acq: 12 Dec 2020 22:23



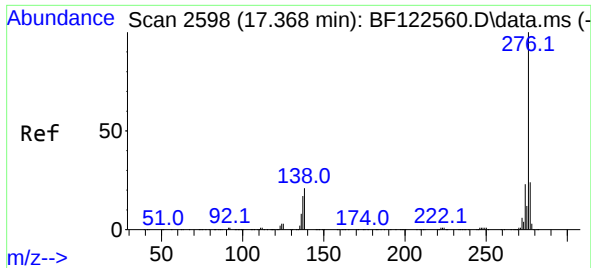
Tgt Ion:252 Resp: 74092
Ion Ratio Lower Upper
252 100
253 22.7 17.5 26.3
125 11.2 8.6 12.8



Instrument :
BNA_F
ClientSampleId :
RBR-10

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#92
Benzo(g,h,i)perylene
Concen: 2.35 ng
RT: 17.351 min Scan# 2595
Delta R.T. -0.018 min
Lab File: BF122692.D
Acq: 12 Dec 2020 22:23

Tgt Ion: 276 Resp: 43849

Ion	Ratio	Lower	Upper
276	100		
277	24.9	19.3	28.9
138	20.6	16.6	24.8

Instrument :
BNA_F
ClientSampleId :
RBR-10

Manual Integrations
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