

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121220\
 Data File : BF122691.D
 Acq On : 12 Dec 2020 21:50
 Operator : JU/CG
 Sample : L5066-02
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 JBD-SB-0203-0-15

Manual Integrations
 APPROVED

mohammad
 12/15/2020 12:18:02 PM

Quant Time: Dec 13 23:47:05 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	6.833	152	137128	20.00	ng	0.00
21) Naphthalene-d8	8.116	136	532577	20.00	ng	-0.01
39) Acenaphthene-d10	9.874	164	279751	20.00	ng	0.00
64) Phenanthrene-d10	11.357	188	511105	20.00	ng	-0.01
76) Chrysene-d12	13.998	240	392512	20.00	ng	-0.01
86) Perylene-d12	15.462	264	379751	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	723038	83.48	ng	0.00
7) Phenol-d6	6.463	99	908014	79.04	ng	-0.02
23) Nitrobenzene-d5	7.398	82	560311	52.71	ng	-0.01
42) 2,4,6-Tribromophenol	10.663	330	272684	74.47	ng	-0.01
45) 2-Fluorobiphenyl	9.192	172	1025899	49.60	ng	-0.01
79) Terphenyl-d14	12.945	244	1000914	44.64	ng	-0.01
Target Compounds						Qvalue
10) Phenol	6.475	94	54543	4.58	ng	88
50) Dimethylphthalate	9.586	163	84610	3.79	ng	99
71) Phenanthrene	11.380	178	167856	5.53	ng	97
75) Fluoranthene	12.568	202	254829	8.00	ng	100
78) Pyrene	12.798	202	210563	6.94	ng	98
81) Benzo(a)anthracene	13.986	228	112175	4.28	ng	99
83) Chrysene	14.021	228	93324	3.57	ng	97
87) Indeno(1,2,3-cd)pyrene	16.909	276	59345	2.38	ng	95
88) Benzo(b)fluoranthene	15.033	252	115717m	4.34	ng	
90) Benzo(a)pyrene	15.398	252	86034	3.69	ng	98
92) Benzo(g,h,i)perylene	17.345	276	62234	3.15	ng	99

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

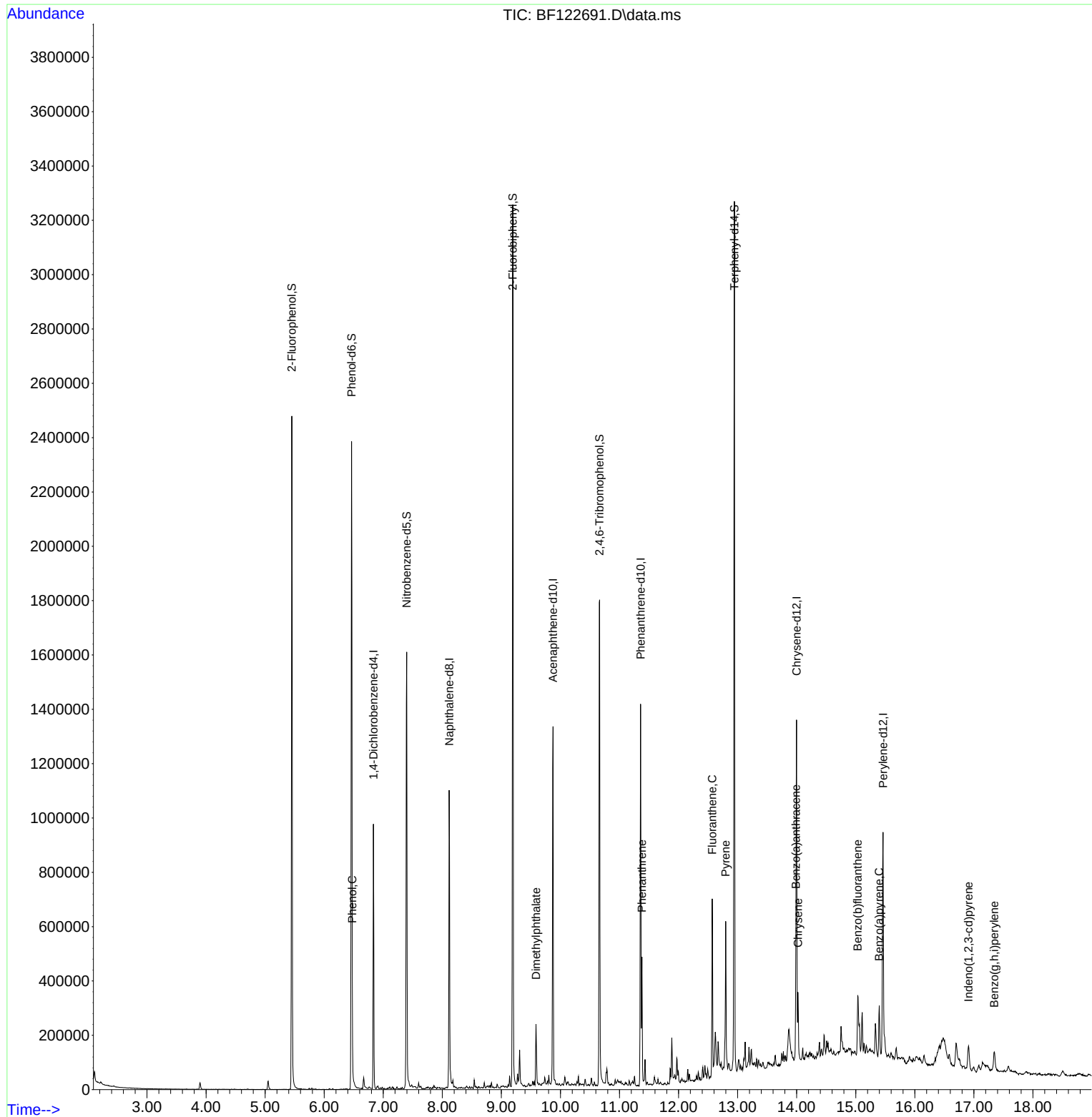
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Data File : BF122691.D
Acq On : 12 Dec 2020 21:50
Operator : JU/CG
Sample : L5066-02
Misc :
ALS Vial : 19 Sample Multiplier: 1

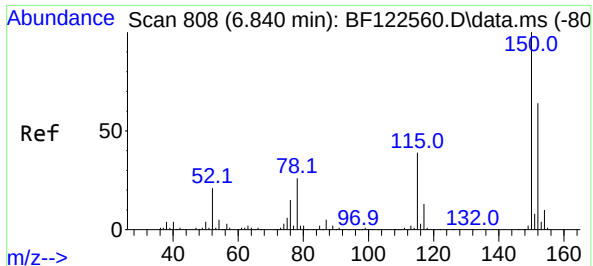
Instrument :
BNA_F
ClientSampleId :
JBD-SB-0203-0-15

Manual Integrations
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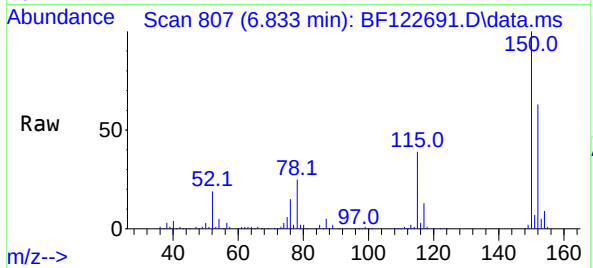
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Quant Time: Dec 13 23:47:05 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 07 12:08:49 2020
Response via : Initial Calibration

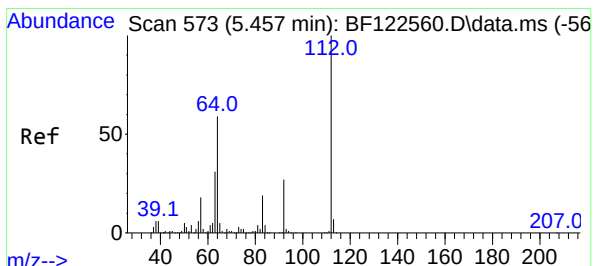
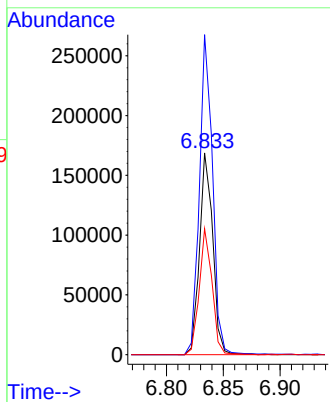
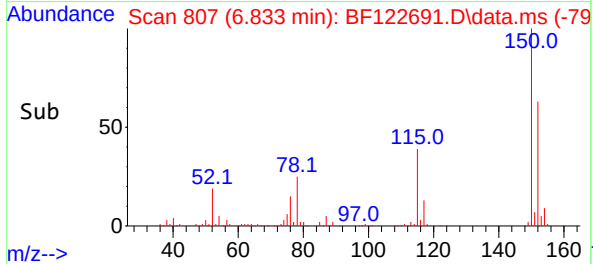




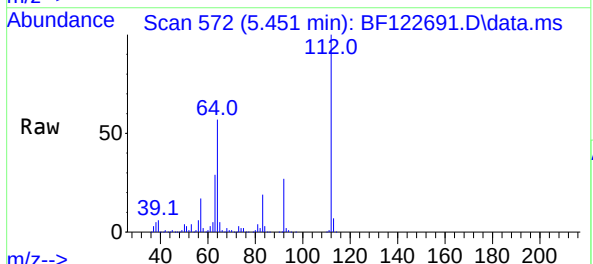
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.833 min Scan# 807
Delta R.T. -0.006 min
Lab File: BF122691.D
Acq: 12 Dec 2020 21:50



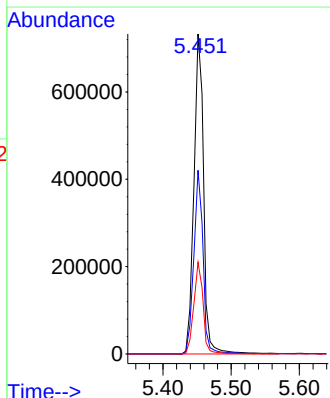
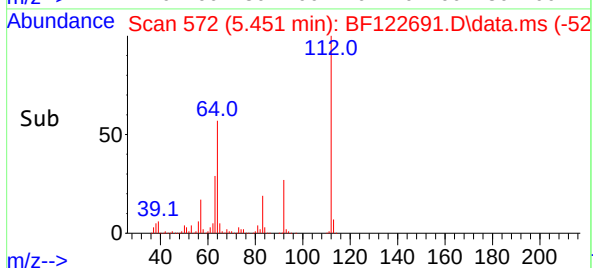
Tgt Ion:152 Resp: 137128
Ion Ratio Lower Upper
152 100
150 158.6 125.8 188.6
115 62.4 49.3 73.9



#5
2-Fluorophenol
Concen: 83.48 ng
RT: 5.451 min Scan# 572
Delta R.T. -0.006 min
Lab File: BF122691.D
Acq: 12 Dec 2020 21:50



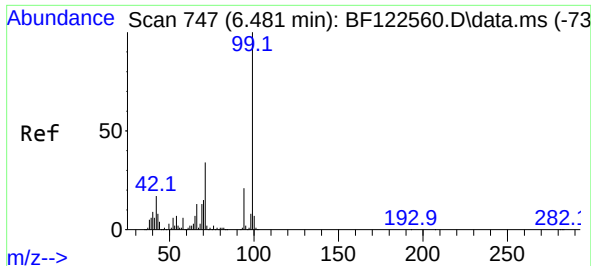
Tgt Ion:112 Resp: 723038
Ion Ratio Lower Upper
112 100
64 57.4 46.9 70.3
63 28.7 24.5 36.7



Instrument :
BNA_F
ClientSampleId :
JBD-SB-0203-0-15

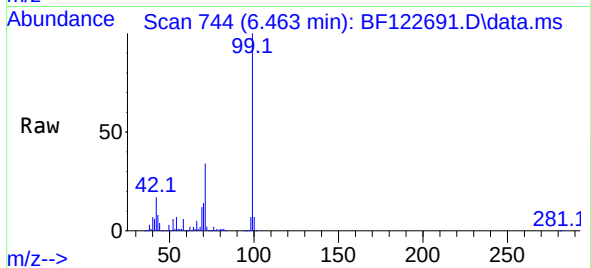
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#7
Phenol-d6
Concen: 79.04 ng
RT: 6.463 min Scan# 744
Delta R.T. -0.018 min
Lab File: BF122691.D
Acq: 12 Dec 2020 21:50

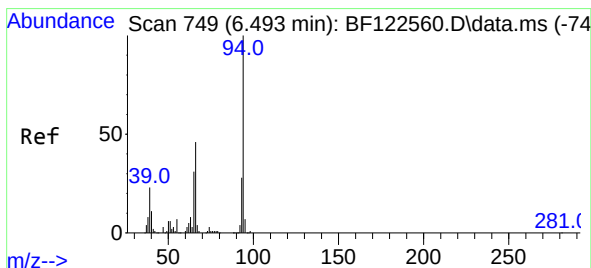
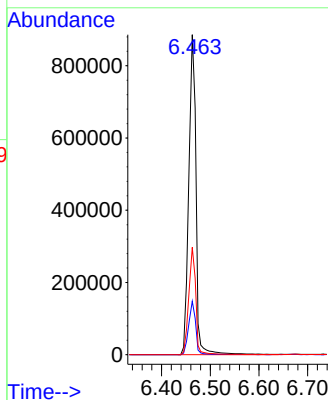
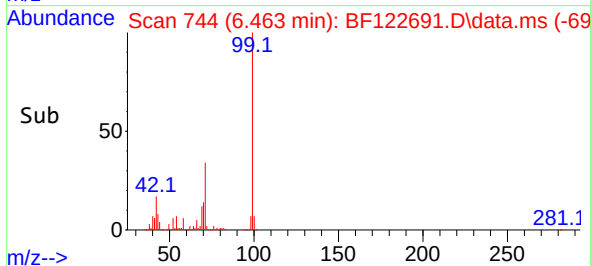
Instrument :
BNA_F
ClientSampleId :
JBD-SB-0203-0-15



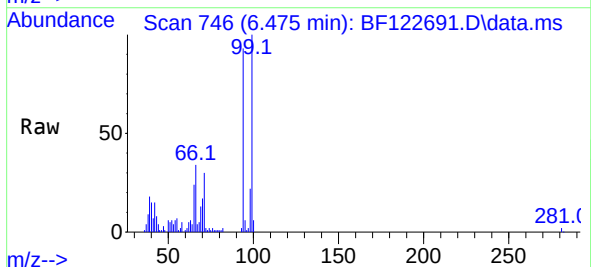
Tgt Ion: 99 Resp: 908014
Ion Ratio Lower Upper
99 100
42 16.7 13.8 20.6
71 33.5 26.9 40.3

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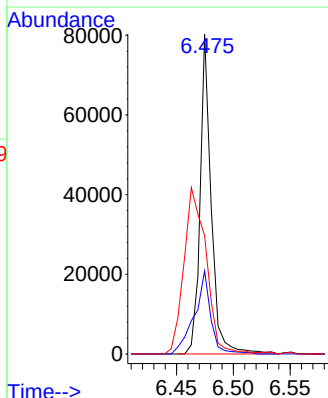
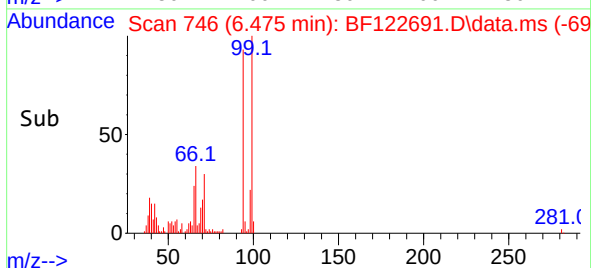
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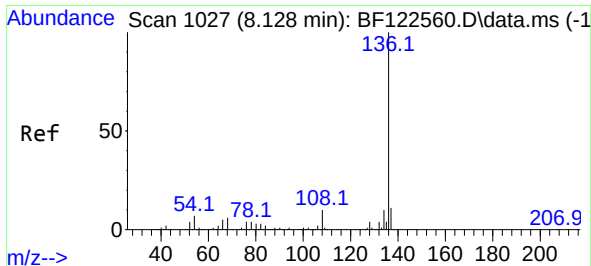


#10
Phenol
Concen: 4.58 ng
RT: 6.475 min Scan# 746
Delta R.T. -0.018 min
Lab File: BF122691.D
Acq: 12 Dec 2020 21:50



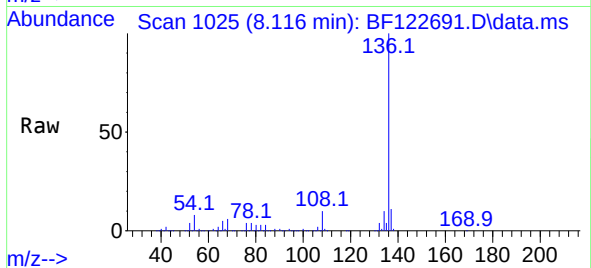
Tgt Ion: 94 Resp: 54543
Ion Ratio Lower Upper
94 100
65 26.0 11.2 51.2
66 36.9 25.8 65.8





#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.116 min Scan# 1025
Delta R.T. -0.012 min
Lab File: BF122691.D
Acq: 12 Dec 2020 21:50

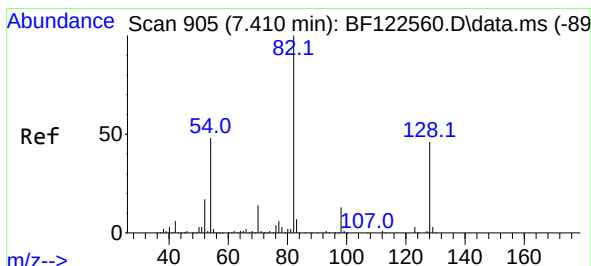
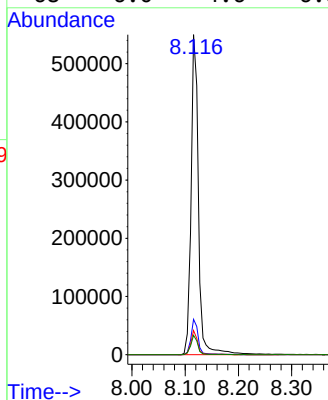
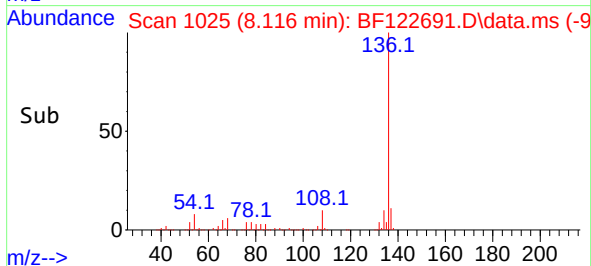
Instrument :
BNA_F
ClientSampleId :
JBD-SB-0203-0-15



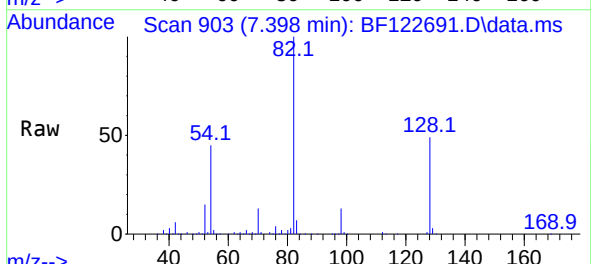
Tgt Ion:136 Resp: 532577
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 7.5 5.5 8.3
68 6.0 4.6 6.8

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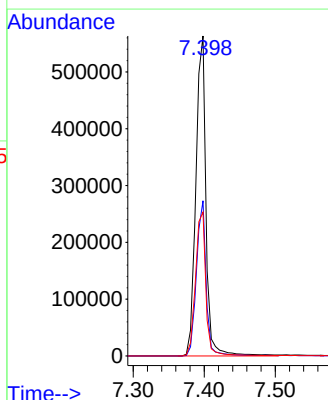
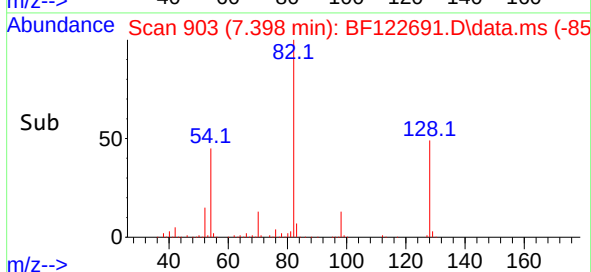
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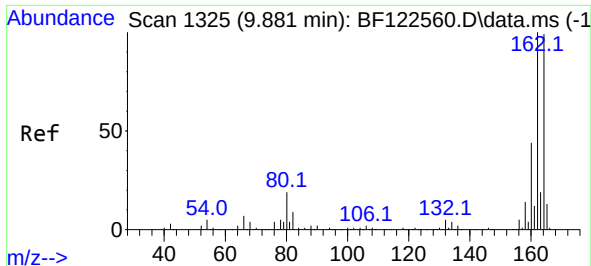


#23
Nitrobenzene-d5
Concen: 52.71 ng
RT: 7.398 min Scan# 903
Delta R.T. -0.012 min
Lab File: BF122691.D
Acq: 12 Dec 2020 21:50



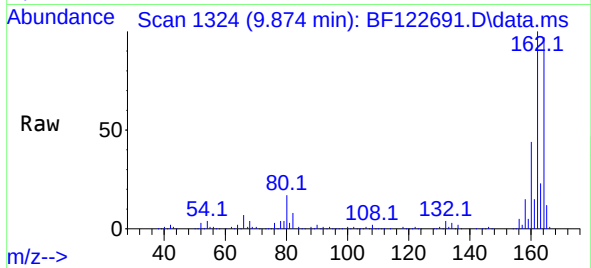
Tgt Ion: 82 Resp: 560311
Ion Ratio Lower Upper
82 100
128 48.5 37.0 55.4
54 45.0 38.4 57.6





#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.874 min Scan# 1324
Delta R.T. -0.007 min
Lab File: BF122691.D
Acq: 12 Dec 2020 21:50

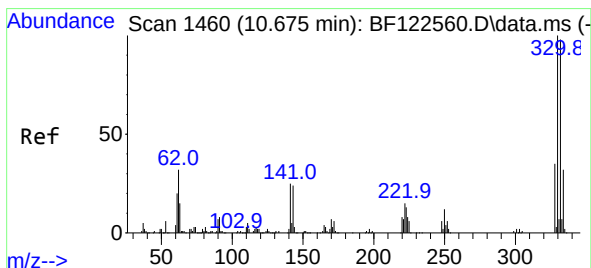
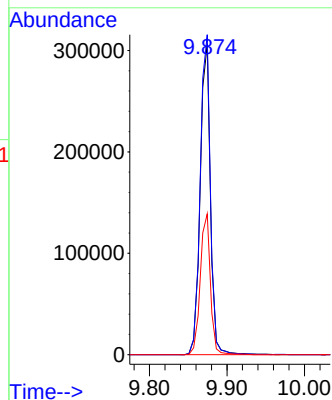
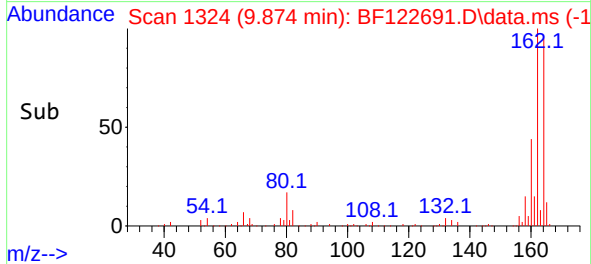
Instrument :
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ClientSampleId :
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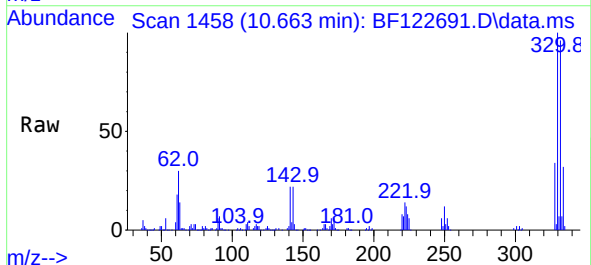
Tgt Ion:164 Resp: 279751
Ion Ratio Lower Upper
164 100
162 103.2 80.8 121.2
160 45.4 35.4 53.0

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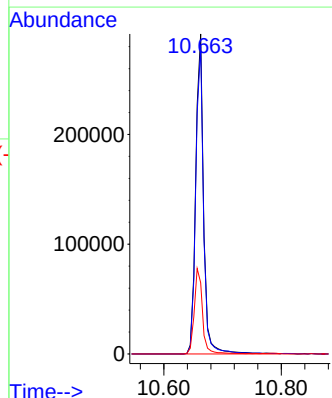
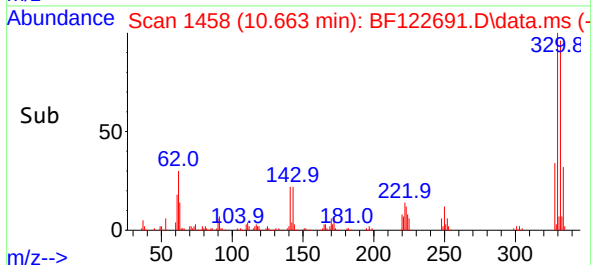
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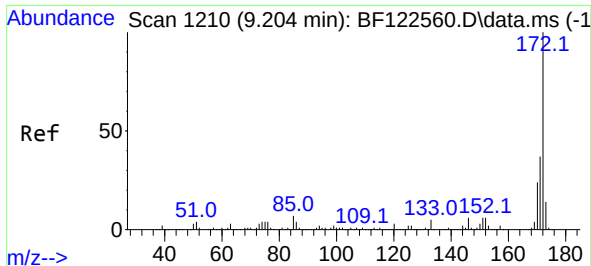


#42
2,4,6-Tribromophenol
Concen: 74.47 ng
RT: 10.663 min Scan# 1458
Delta R.T. -0.012 min
Lab File: BF122691.D
Acq: 12 Dec 2020 21:50



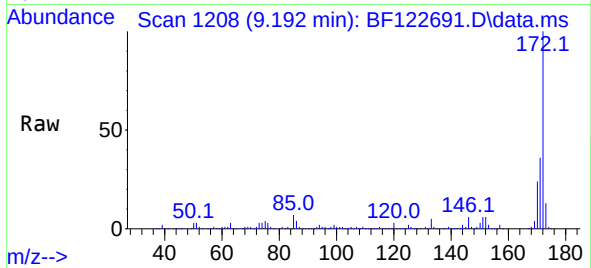
Tgt Ion:330 Resp: 272684
Ion Ratio Lower Upper
330 100
332 96.0 77.5 116.3
141 28.0 23.8 35.8





#45
2-Fluorobiphenyl
Concen: 49.60 ng
RT: 9.192 min Scan# 1208
Delta R.T. -0.012 min
Lab File: BF122691.D
Acq: 12 Dec 2020 21:50

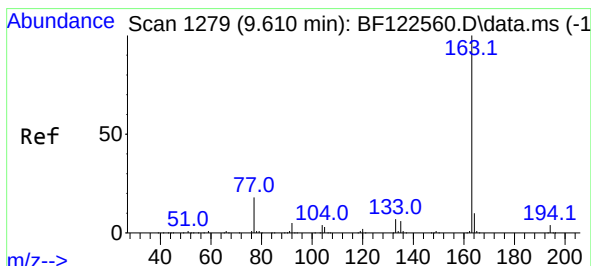
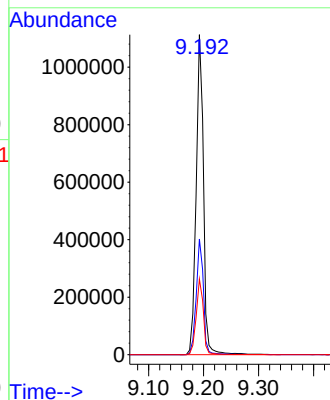
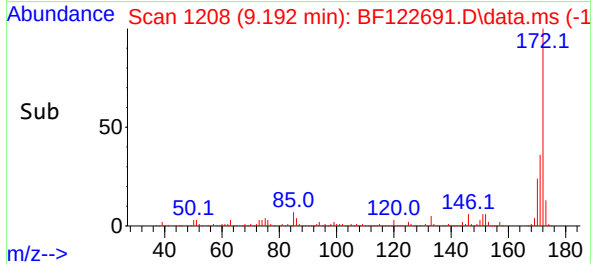
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BNA_F
ClientSampleId :
JBD-SB-0203-0-15



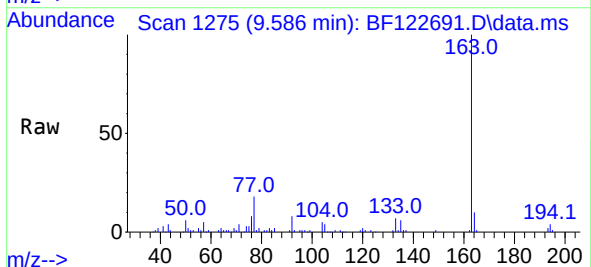
Tgt Ion:172 Resp: 1025899
Ion Ratio Lower Upper
172 100
171 36.1 29.6 44.4
170 23.7 19.5 29.3

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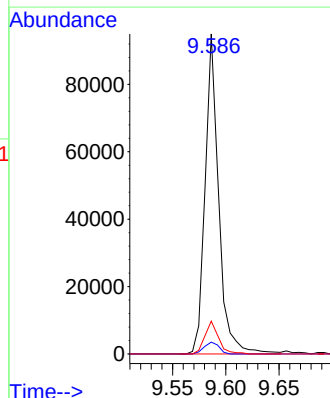
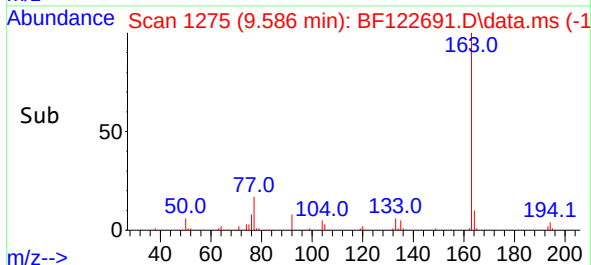
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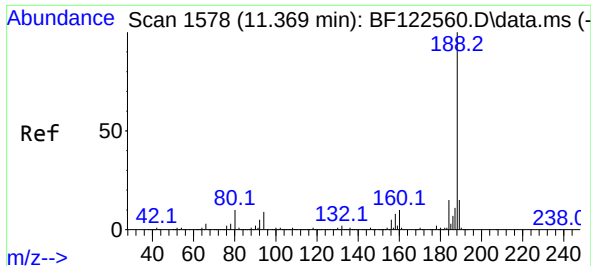


#50
Dimethylphthalate
Concen: 3.79 ng
RT: 9.586 min Scan# 1275
Delta R.T. -0.024 min
Lab File: BF122691.D
Acq: 12 Dec 2020 21:50



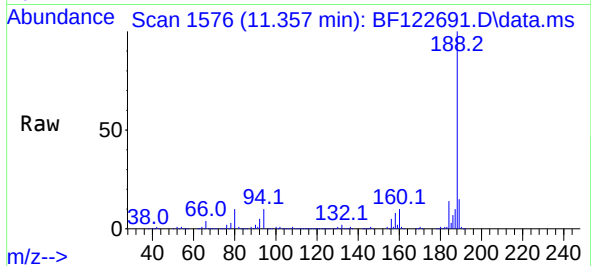
Tgt Ion:163 Resp: 84610
Ion Ratio Lower Upper
163 100
194 3.7 3.4 5.0
164 10.3 8.1 12.1





#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.357 min Scan# 1576
Delta R.T. -0.012 min
Lab File: BF122691.D
Acq: 12 Dec 2020 21:50

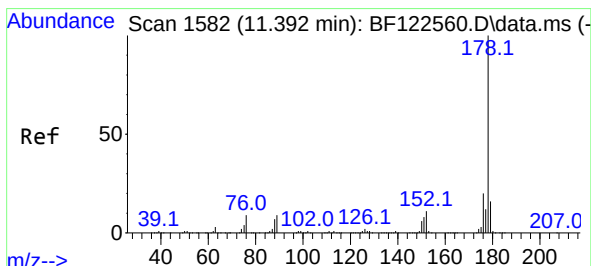
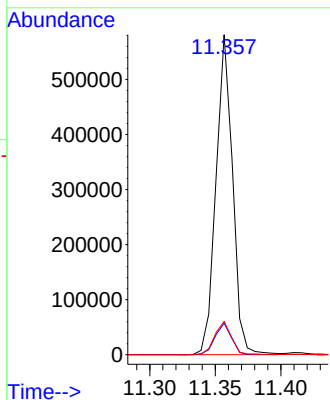
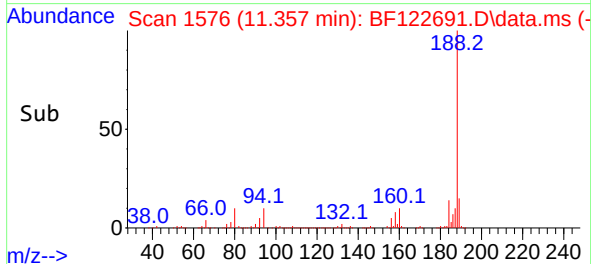
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JBD-SB-0203-0-15



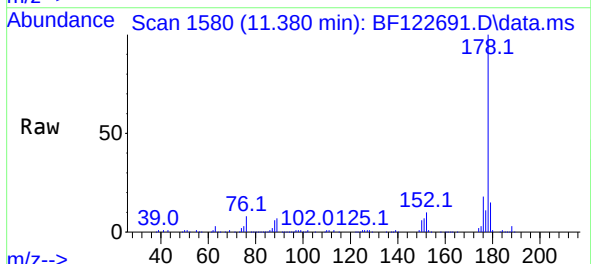
Tgt Ion:188 Resp: 511105
Ion Ratio Lower Upper
188 100
94 9.9 7.4 11.2
80 10.4 8.2 12.4

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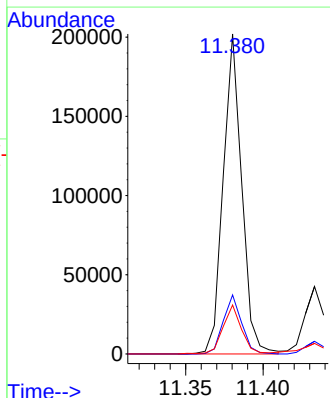
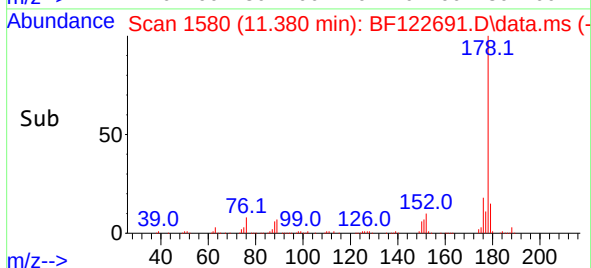
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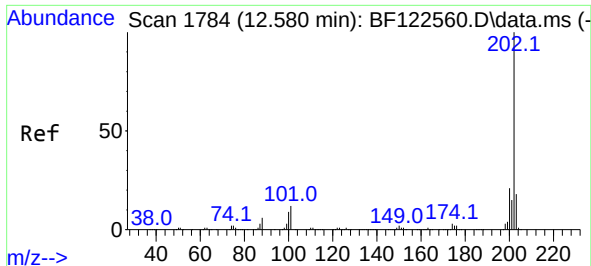


#71
Phenanthrene
Concen: 5.53 ng
RT: 11.380 min Scan# 1580
Delta R.T. -0.012 min
Lab File: BF122691.D
Acq: 12 Dec 2020 21:50



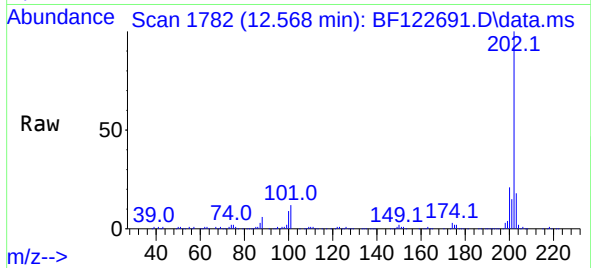
Tgt Ion:178 Resp: 167856
Ion Ratio Lower Upper
178 100
176 18.5 16.2 24.2
179 15.3 12.7 19.1





#75
Fluoranthene
Concen: 8.00 ng
RT: 12.568 min Scan# 1782
Delta R.T. -0.012 min
Lab File: BF122691.D
Acq: 12 Dec 2020 21:50

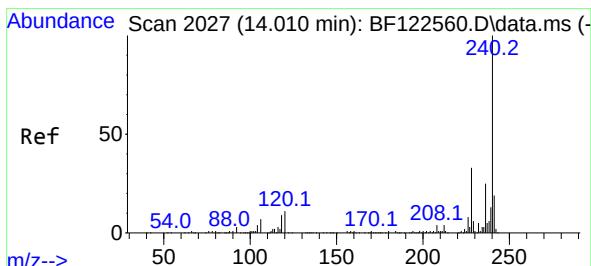
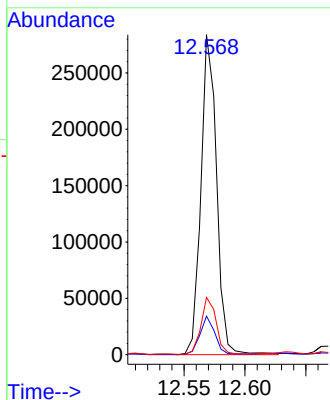
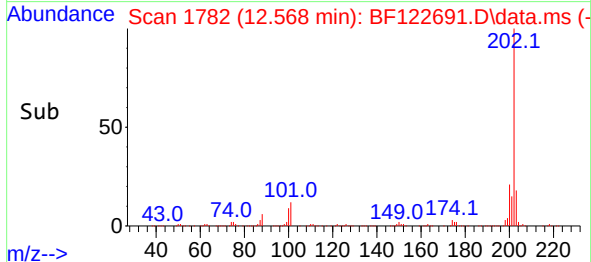
Instrument :
BNA_F
ClientSampleId :
JBD-SB-0203-0-15



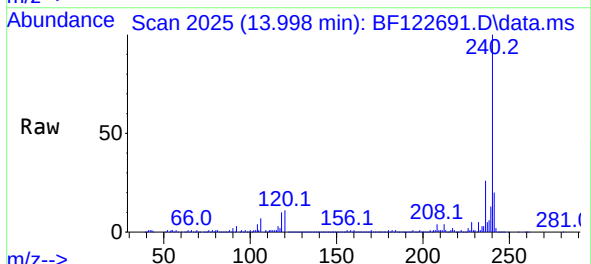
Tgt Ion:202 Resp: 254829
Ion Ratio Lower Upper
202 100
101 12.0 0.0 32.2
203 17.9 0.0 38.1

Manual Integrations
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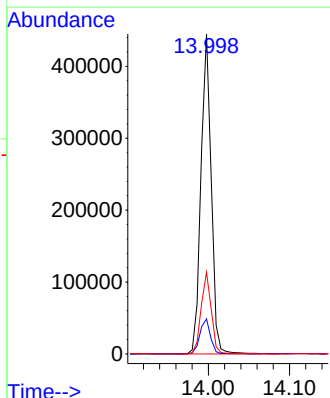
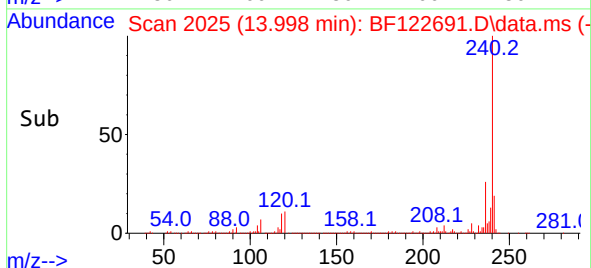
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12/15/2020 12:18:02 PM

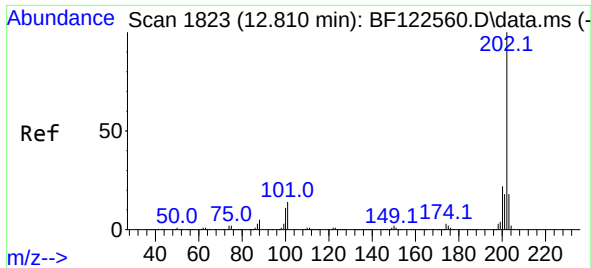


#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.998 min Scan# 2025
Delta R.T. -0.012 min
Lab File: BF122691.D
Acq: 12 Dec 2020 21:50



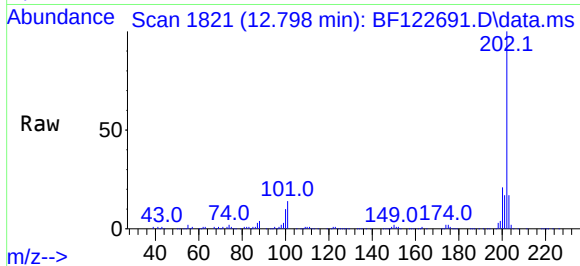
Tgt Ion:240 Resp: 392512
Ion Ratio Lower Upper
240 100
120 10.9 8.6 12.8
236 25.5 20.3 30.5





#78
Pyrene
Concen: 6.94 ng
RT: 12.798 min Scan# 1821
Delta R.T. -0.012 min
Lab File: BF122691.D
Acq: 12 Dec 2020 21:50

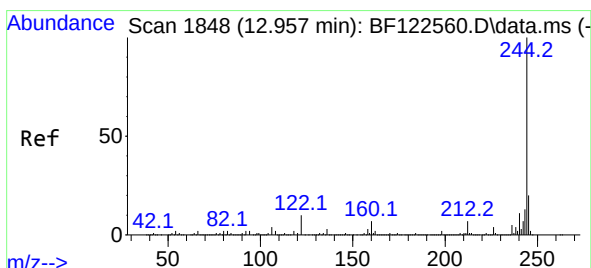
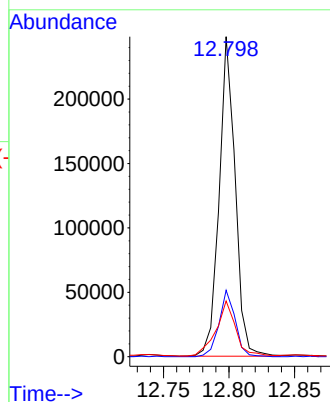
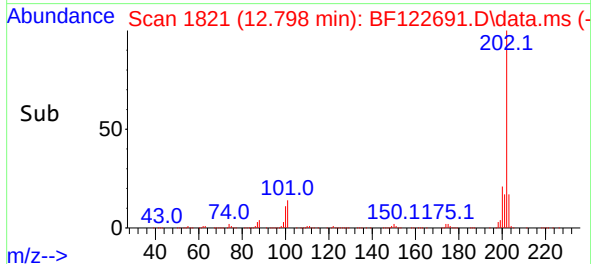
Instrument :
BNA_F
ClientSampleId :
JBD-SB-0203-0-15



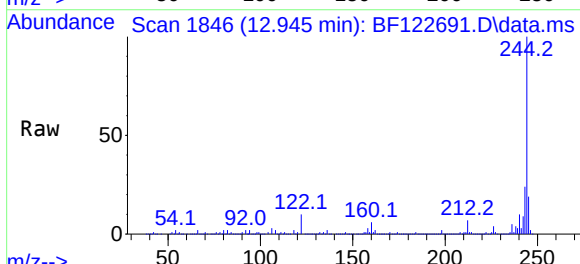
Tgt Ion:202 Resp: 210563
Ion Ratio Lower Upper
202 100
200 20.7 17.6 26.4
203 17.4 14.6 21.8

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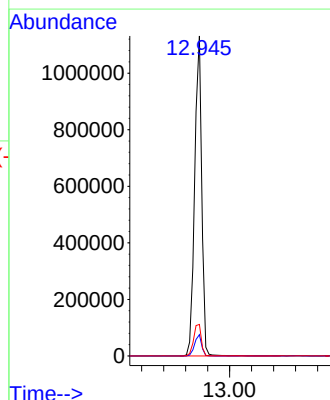
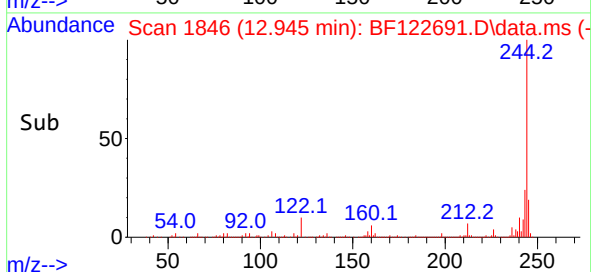
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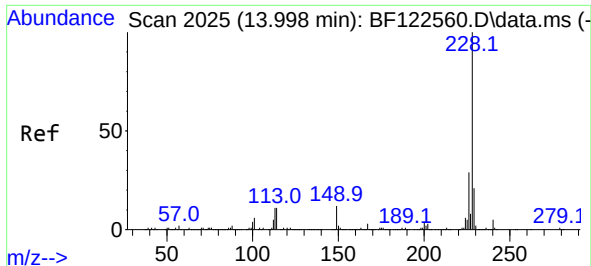


#79
Terphenyl-d14
Concen: 44.64 ng
RT: 12.945 min Scan# 1846
Delta R.T. -0.012 min
Lab File: BF122691.D
Acq: 12 Dec 2020 21:50



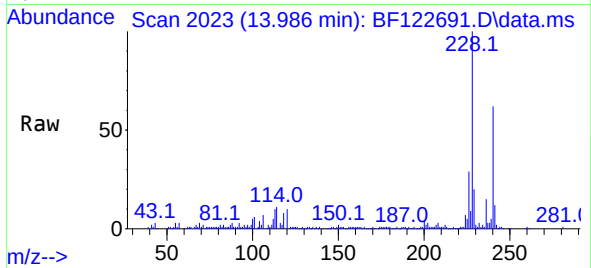
Tgt Ion:244 Resp: 1000914
Ion Ratio Lower Upper
244 100
212 6.7 5.7 8.5
122 9.8 8.3 12.5





#81
Benzo(a)anthracene
Concen: 4.28 ng
RT: 13.986 min Scan# 2023
Delta R.T. -0.012 min
Lab File: BF122691.D
Acq: 12 Dec 2020 21:50

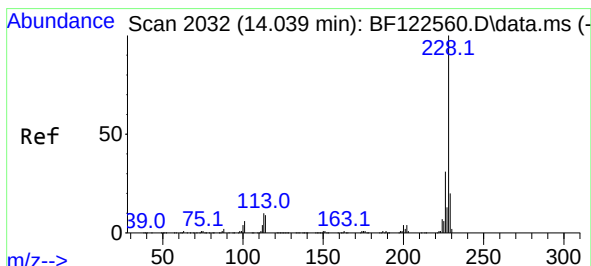
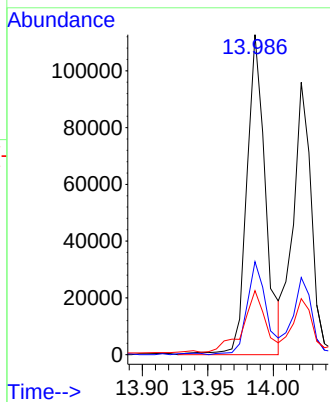
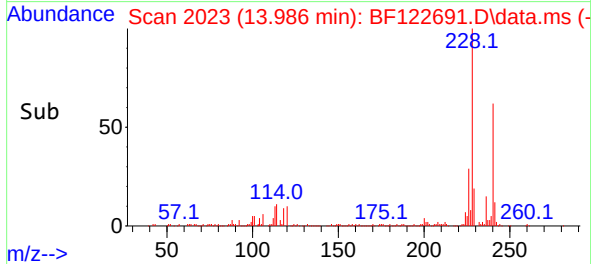
Instrument :
BNA_F
ClientSampleId :
JBD-SB-0203-0-15



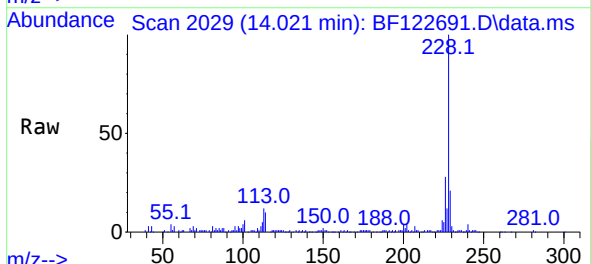
Tgt Ion:228 Resp: 112175
Ion Ratio Lower Upper
228 100
226 29.1 23.0 34.4
229 20.0 16.6 24.8

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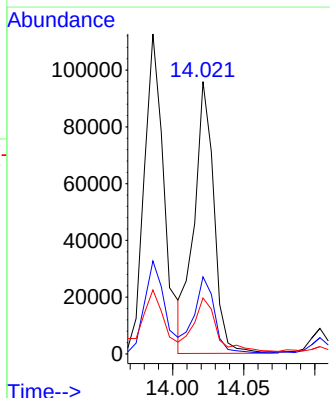
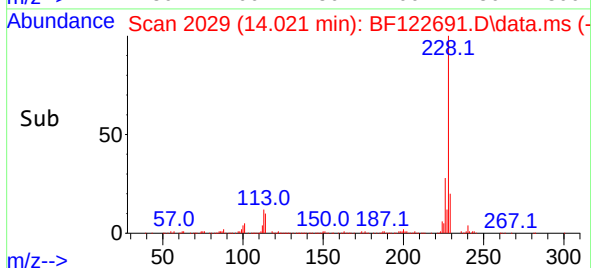
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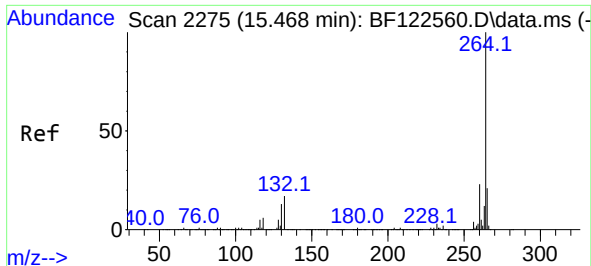


#83
Chrysene
Concen: 3.57 ng
RT: 14.021 min Scan# 2029
Delta R.T. -0.018 min
Lab File: BF122691.D
Acq: 12 Dec 2020 21:50



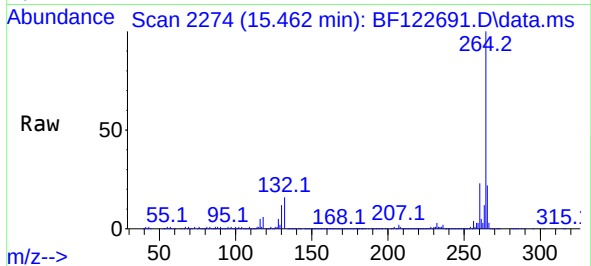
Tgt Ion:228 Resp: 93324
Ion Ratio Lower Upper
228 100
226 28.3 24.6 36.8
229 20.6 15.8 23.6





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.462 min Scan# 2274
Delta R.T. -0.006 min
Lab File: BF122691.D
Acq: 12 Dec 2020 21:50

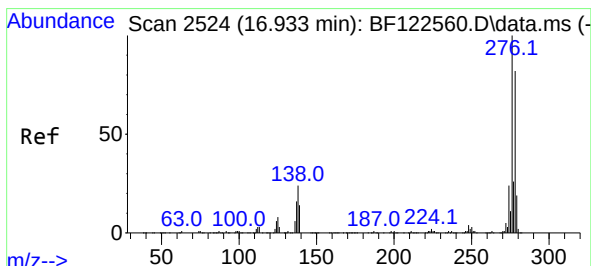
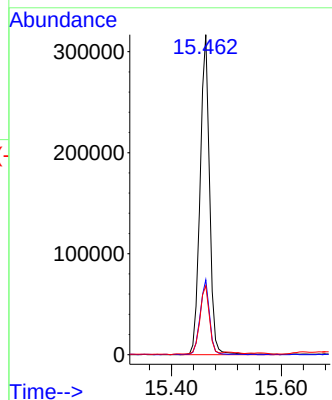
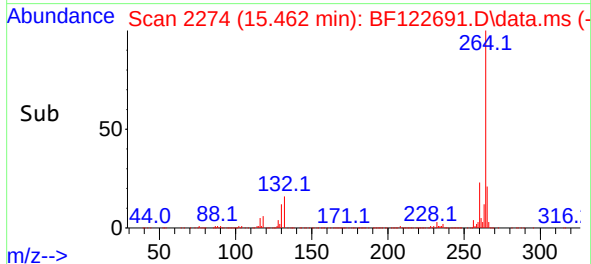
Instrument :
BNA_F
ClientSampleId :
JBD-SB-0203-0-15



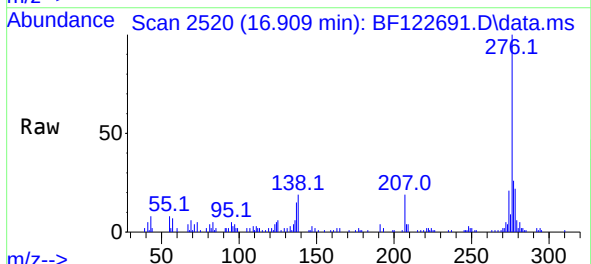
Tgt Ion:264 Resp: 379751
Ion Ratio Lower Upper
264 100
260 23.4 18.6 28.0
265 21.6 17.0 25.6

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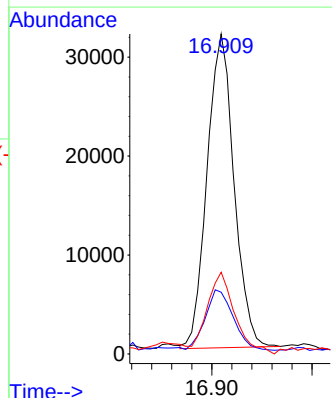
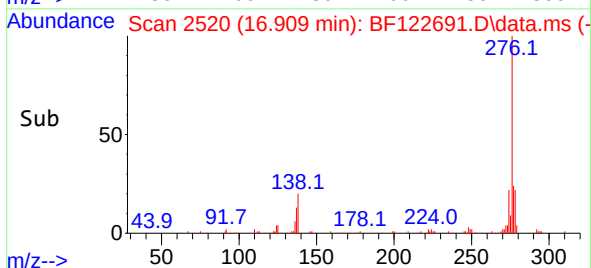
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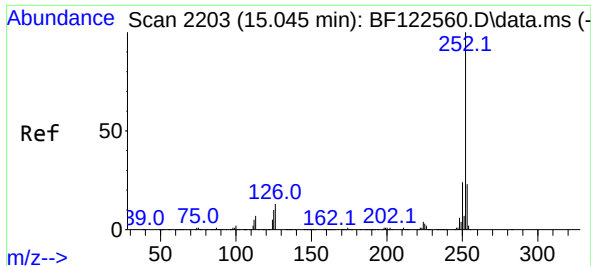


#87
Indeno(1,2,3-cd)pyrene
Concen: 2.38 ng
RT: 16.909 min Scan# 2520
Delta R.T. -0.024 min
Lab File: BF122691.D
Acq: 12 Dec 2020 21:50

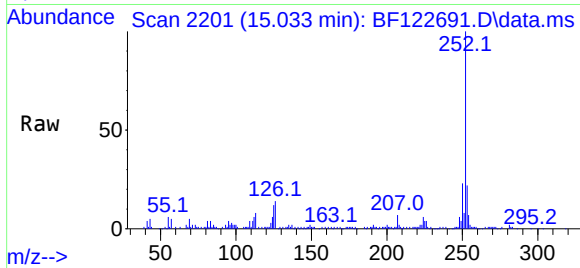


Tgt Ion:276 Resp: 59345
Ion Ratio Lower Upper
276 100
138 20.0 18.7 28.1
277 27.0 20.2 30.4

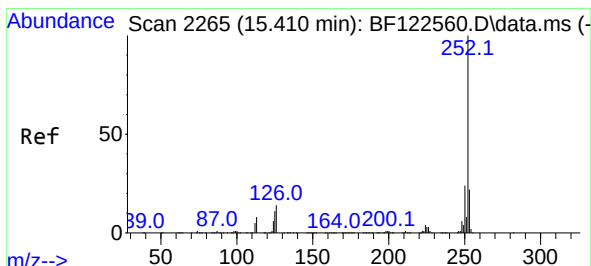
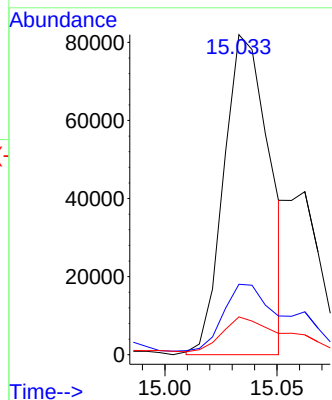
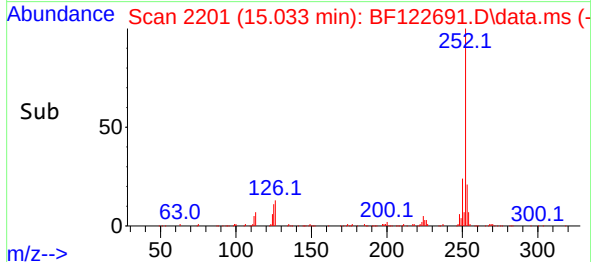




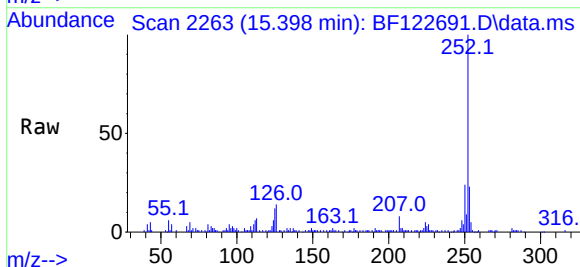
#88
Benzo(b)fluoranthene
Concen: 4.34 ng m
RT: 15.033 min Scan# 2201
Delta R.T. -0.012 min
Lab File: BF122691.D
Acq: 12 Dec 2020 21:50



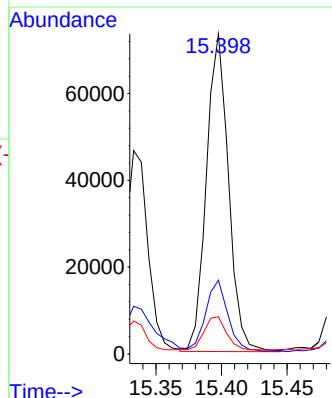
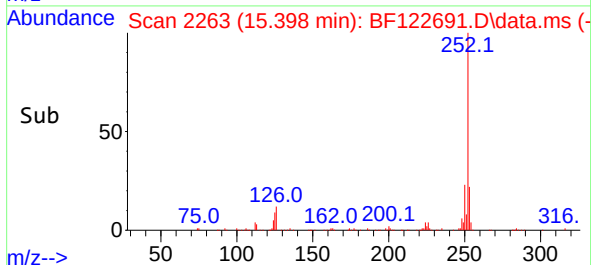
Tgt Ion:252 Resp: 115717
Ion Ratio Lower Upper
252 100
253 22.0 18.3 27.5
125 11.8 8.1 12.1



#90
Benzo(a)pyrene
Concen: 3.69 ng
RT: 15.398 min Scan# 2263
Delta R.T. -0.012 min
Lab File: BF122691.D
Acq: 12 Dec 2020 21:50



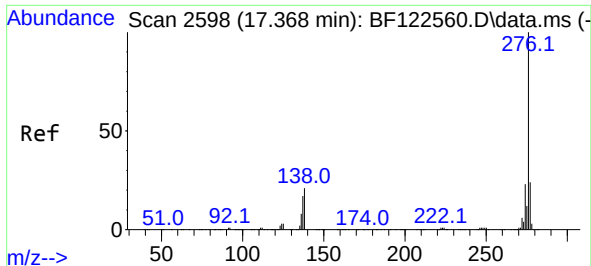
Tgt Ion:252 Resp: 86034
Ion Ratio Lower Upper
252 100
253 23.1 17.5 26.3
125 11.6 8.6 12.8



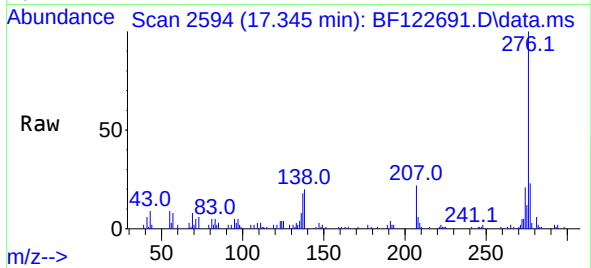
Instrument :
BNA_F
ClientSampleId :
JBD-SB-0203-0-15

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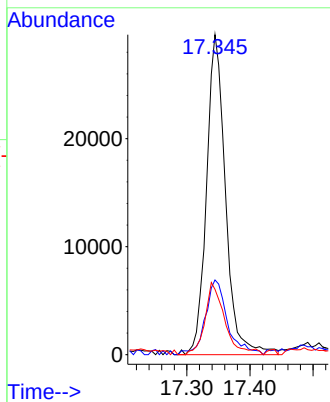
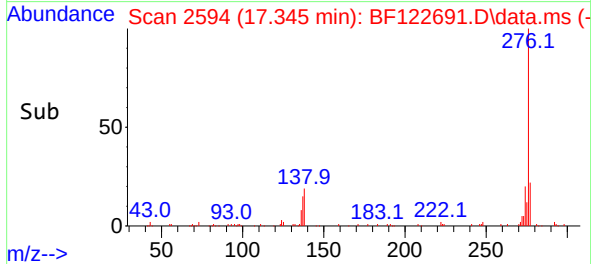


#92
Benzo(g,h,i)perylene
Concen: 3.15 ng
RT: 17.345 min Scan# 2594
Delta R.T. -0.024 min
Lab File: BF122691.D
Acq: 12 Dec 2020 21:50



Tgt Ion: 276 Resp: 62234

Ion	Ratio	Lower	Upper
276	100		
277	23.4	19.3	28.9
138	20.4	16.6	24.8



Instrument :
BNA_F
ClientSampleId :
JBD-SB-0203-0-15

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