

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102220\
 Data File : BF122087.D
 Acq On : 22 Oct 2020 17:00
 Operator : JU/CG
 Sample : L4436-02
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 33A

Manual Integrations
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Quant Time: Oct 22 18:22:45 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 21 12:04:42 2020
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.728	152	105292	20.00	ng	0.00
21) Naphthalene-d8	8.010	136	415756	20.00	ng	0.00
39) Acenaphthene-d10	9.757	164	211720	20.00	ng	0.00
64) Phenanthrene-d10	11.245	188	362429	20.00	ng	0.00
76) Chrysene-d12	13.886	240	237044	20.00	ng	0.00
86) Perylene-d12	15.321	264	239502	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.351	112	563814	79.03	ng	0.00
7) Phenol-d6	6.381	99	780642	85.00	ng	0.00
23) Nitrobenzene-d5	7.298	82	554713	68.43	ng	0.00
42) 2,4,6-Tribromophenol	10.551	330	170024	64.92	ng	0.00
45) 2-Fluorobiphenyl	9.086	172	938115	65.19	ng	0.00
79) Terphenyl-d14	12.827	244	772647	62.12	ng	0.00
Target Compounds						Qvalue
50) Dimethylphthalate	9.480	163	114375	7.39	ng	99
71) Phenanthrene	11.268	178	59881	3.01	ng	98
75) Fluoranthene	12.457	202	93212	4.37	ng	100
78) Pyrene	12.686	202	79725	4.41	ng	99
81) Benzo(a)anthracene	13.874	228	38945	2.51	ng	97
83) Chrysene	13.915	228	37181	2.44	ng	97
84) Bis(2-ethylhexyl)phtha...	13.857	149	32330	3.32	ng	99
88) Benzo(b)fluoranthene	14.915	252	50270m	3.11	ng	
90) Benzo(a)pyrene	15.262	252	33780	2.42	ng	95

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

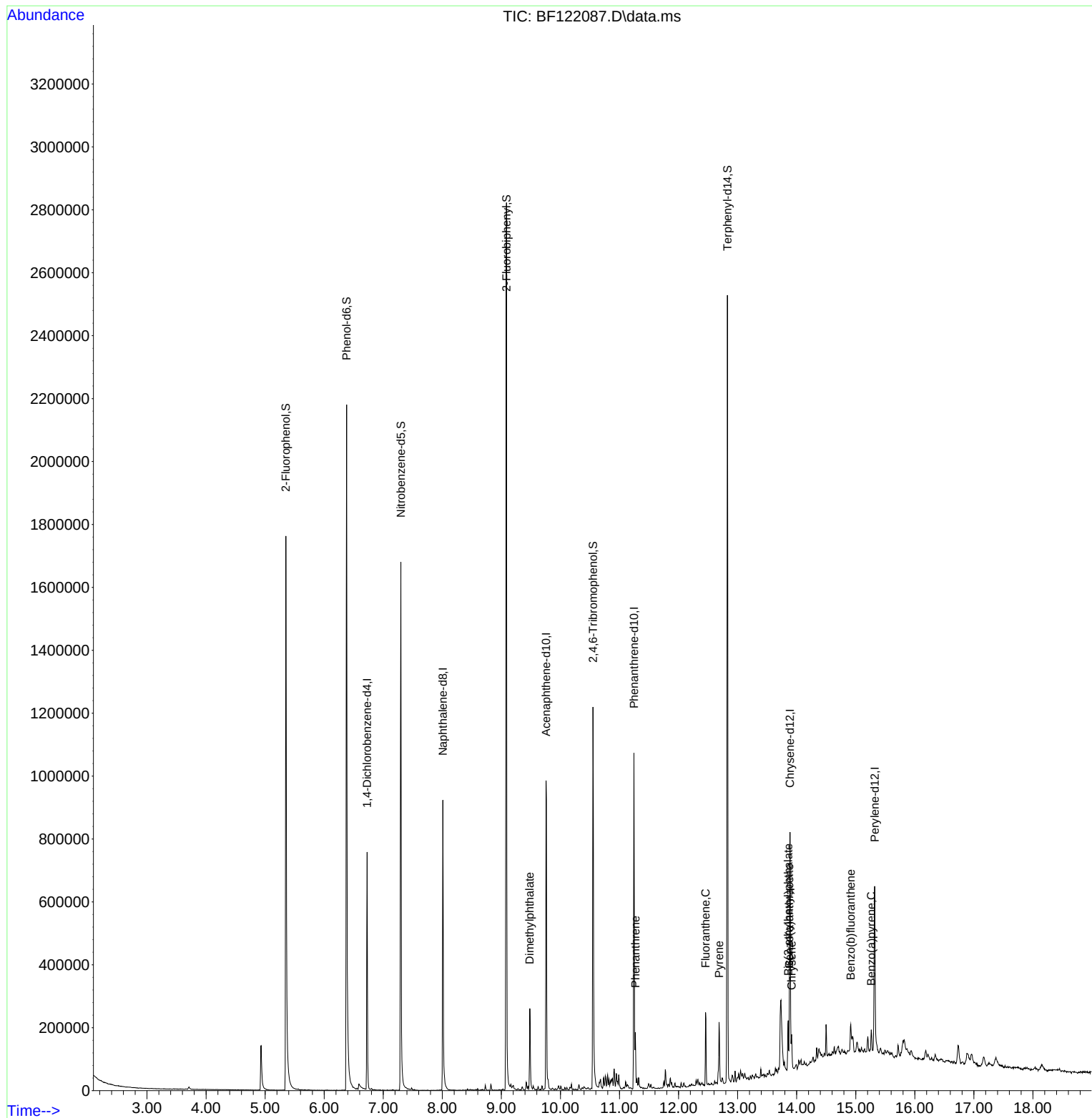
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Data File : BF122087.D
Acq On : 22 Oct 2020 17:00
Operator : JU/CG
Sample : L4436-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

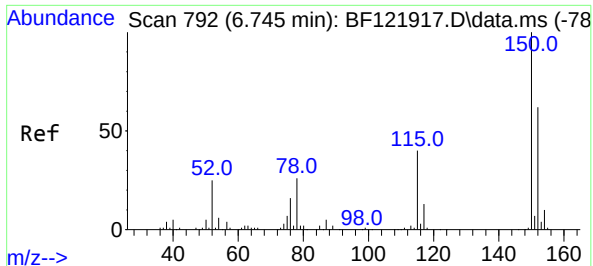
Instrument :
BNA_F
ClientSampleId :
33A

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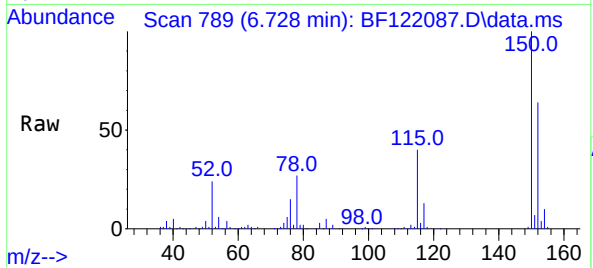
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Quant Time: Oct 22 18:22:45 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 21 12:04:42 2020
Response via : Initial Calibration

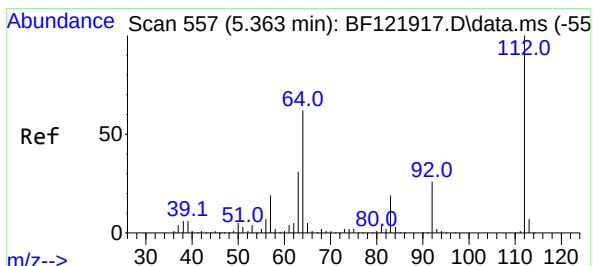
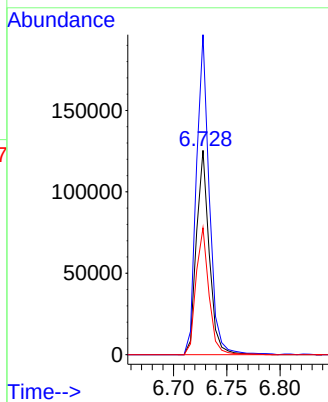
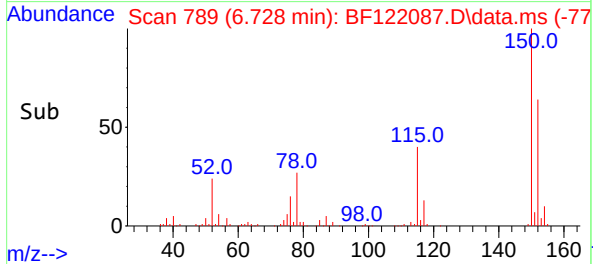




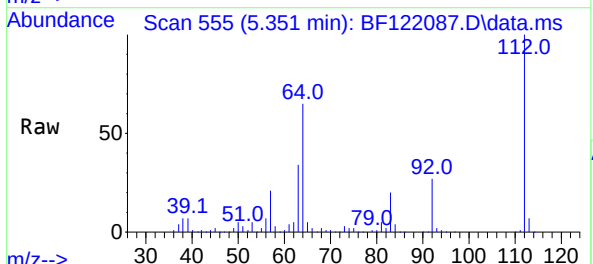
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.728 min Scan# 789
Delta R.T. -0.000 min
Lab File: BF122087.D
Acq: 22 Oct 2020 17:00



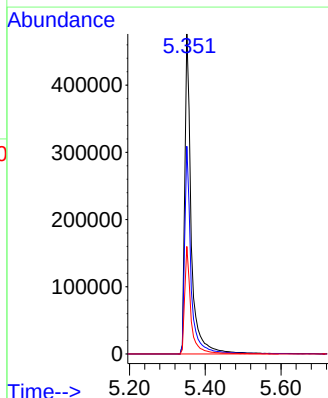
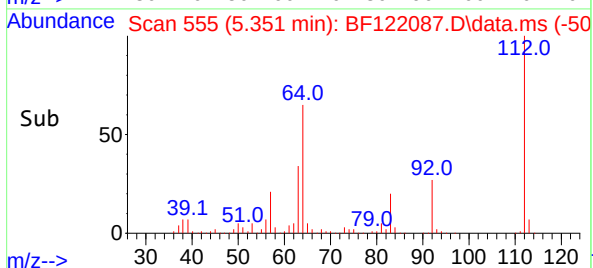
Tgt Ion:152 Resp: 105292
Ion Ratio Lower Upper
152 100
150 156.7 125.3 187.9
115 62.1 51.9 77.9



#5
2-Fluorophenol
Concen: 79.03 ng
RT: 5.351 min Scan# 555
Delta R.T. 0.006 min
Lab File: BF122087.D
Acq: 22 Oct 2020 17:00



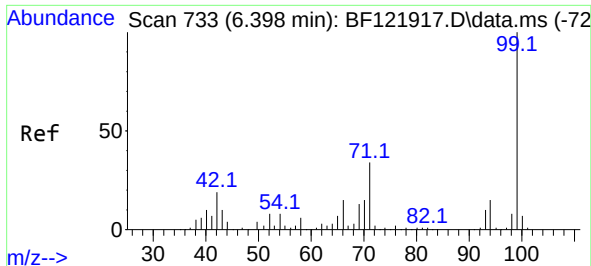
Tgt Ion:112 Resp: 563814
Ion Ratio Lower Upper
112 100
64 64.9 50.4 75.6
63 33.6 25.8 38.6



Instrument :
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ClientSampled :
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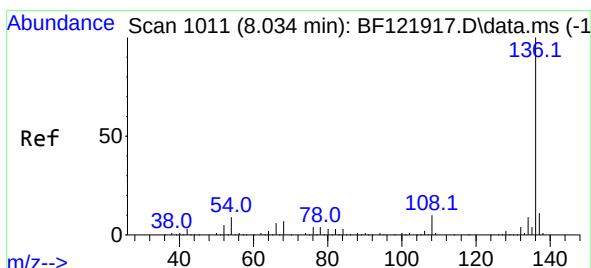
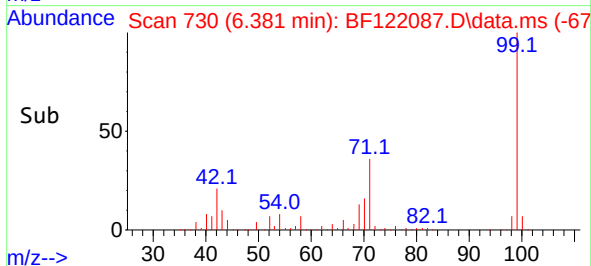
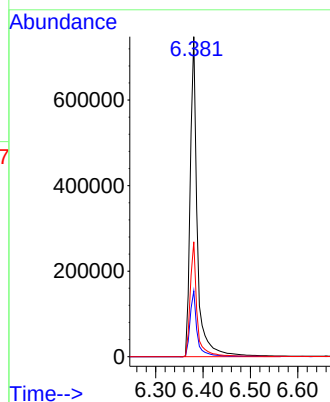
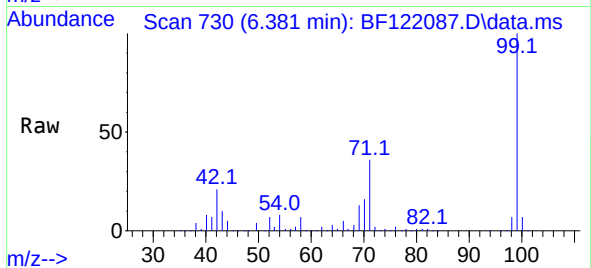
#7
Phenol-d6
Concen: 85.00 ng
RT: 6.381 min Scan# 730
Delta R.T. -0.000 min
Lab File: BF122087.D
Acq: 22 Oct 2020 17:00

Tgt Ion: 99 Resp: 780642
Ion Ratio Lower Upper
99 100
42 20.6 15.9 23.9
71 35.9 27.1 40.7

Instrument :
BNA_F
ClientSampled :
33A

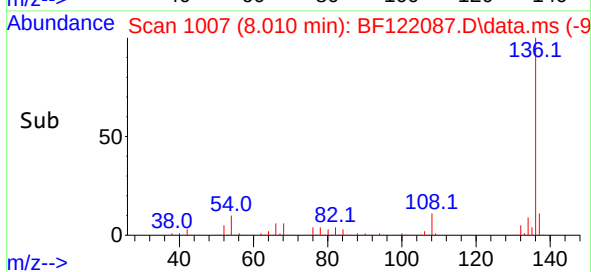
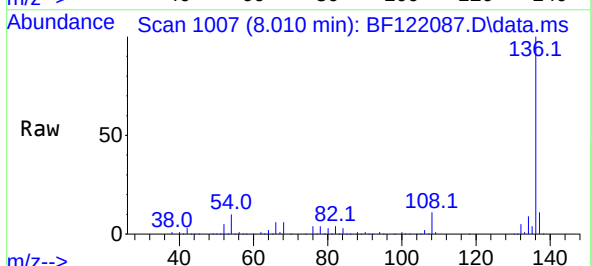
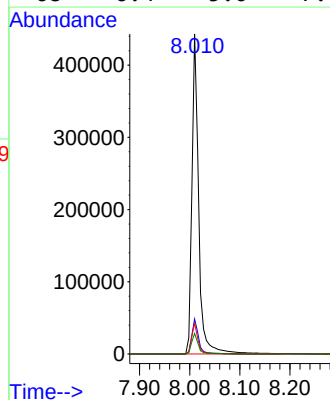
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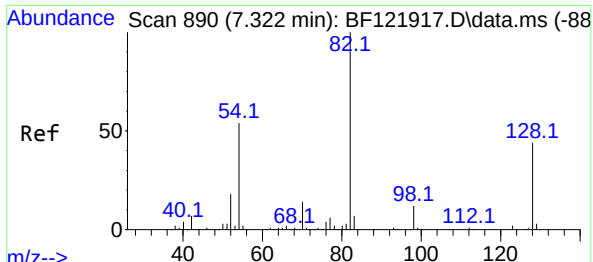
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#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.010 min Scan# 1007
Delta R.T. -0.000 min
Lab File: BF122087.D
Acq: 22 Oct 2020 17:00

Tgt Ion: 136 Resp: 415756
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 9.6 7.1 10.7
68 6.4 5.0 7.4





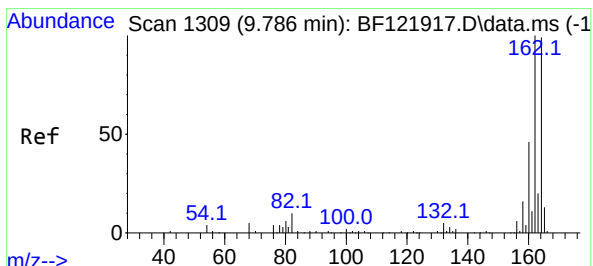
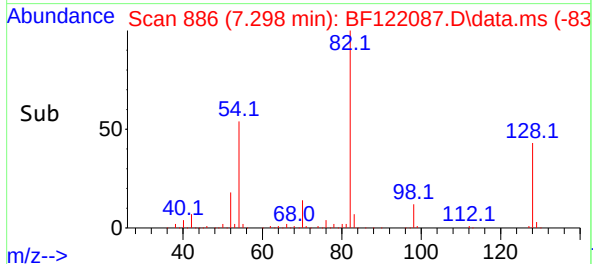
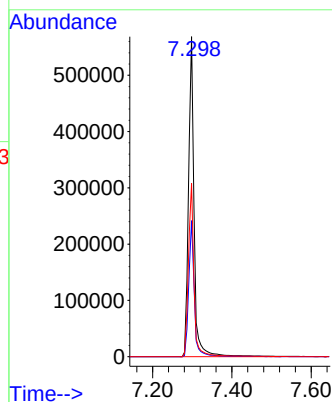
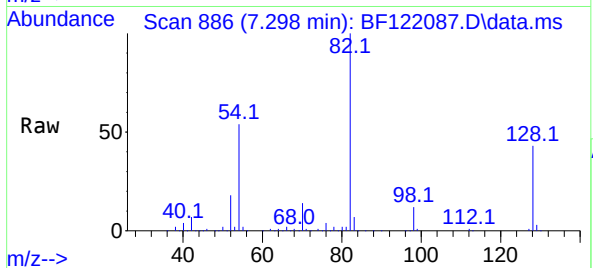
#23
Nitrobenzene-d5
Concen: 68.43 ng
RT: 7.298 min Scan# 886
Delta R.T. -0.006 min
Lab File: BF122087.D
Acq: 22 Oct 2020 17:00

Tgt Ion: 82 Resp: 554713
Ion Ratio Lower Upper
82 100
128 42.5 35.0 52.4
54 54.1 43.9 65.9

Instrument :
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ClientSampled :
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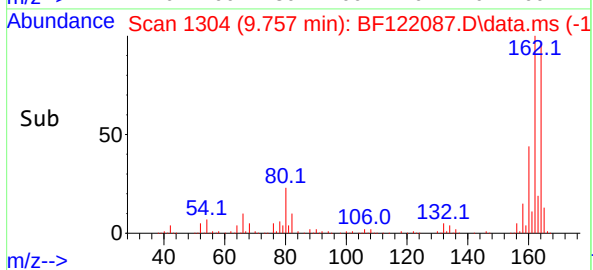
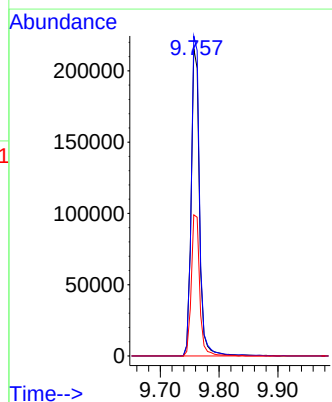
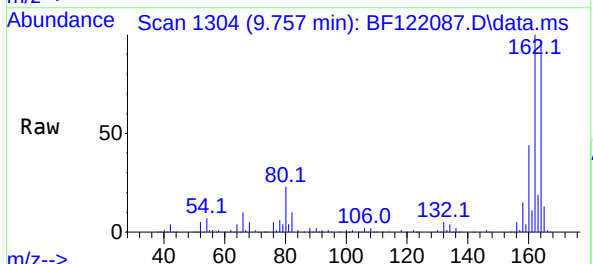
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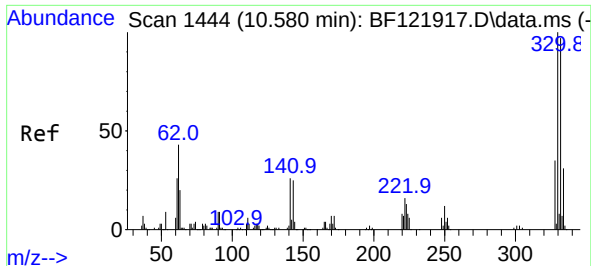
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#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.757 min Scan# 1304
Delta R.T. -0.006 min
Lab File: BF122087.D
Acq: 22 Oct 2020 17:00

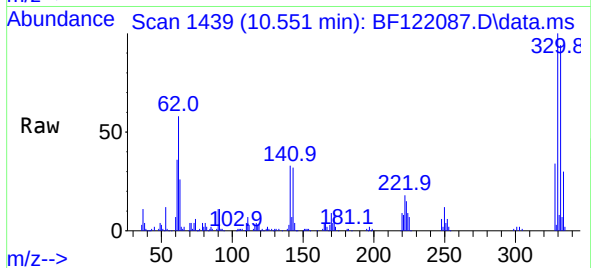
Tgt Ion:164 Resp: 211720
Ion Ratio Lower Upper
164 100
162 104.1 83.2 124.8
160 45.9 37.5 56.3





#42
2,4,6-Tribromophenol
Concen: 64.92 ng
RT: 10.551 min Scan# 1439
Delta R.T. -0.006 min
Lab File: BF122087.D
Acq: 22 Oct 2020 17:00

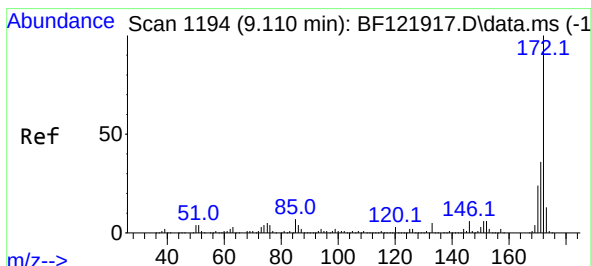
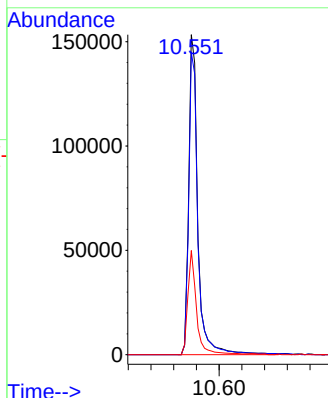
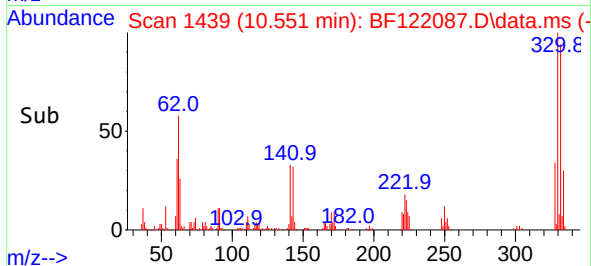
Instrument :
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ClientSampled :
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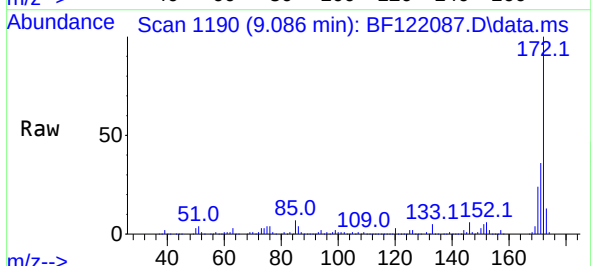
Tgt Ion: 330 Resp: 170024
Ion Ratio Lower Upper
330 100
332 96.0 77.3 115.9
141 31.1 22.3 33.5

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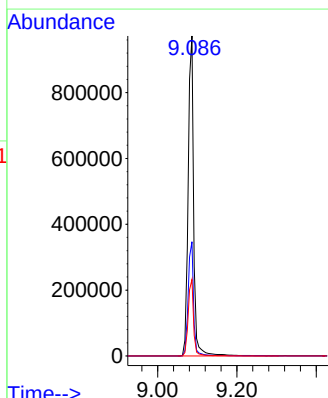
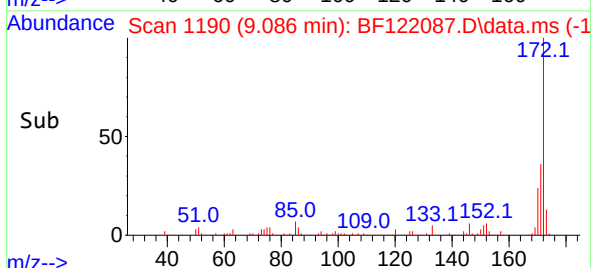
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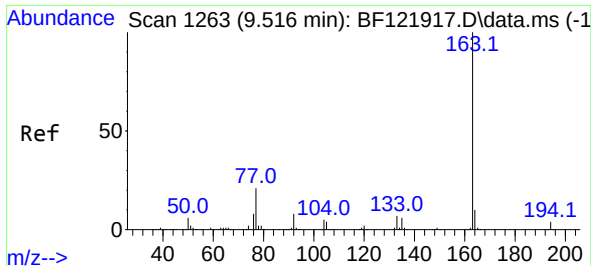


#45
2-Fluorobiphenyl
Concen: 65.19 ng
RT: 9.086 min Scan# 1190
Delta R.T. -0.000 min
Lab File: BF122087.D
Acq: 22 Oct 2020 17:00

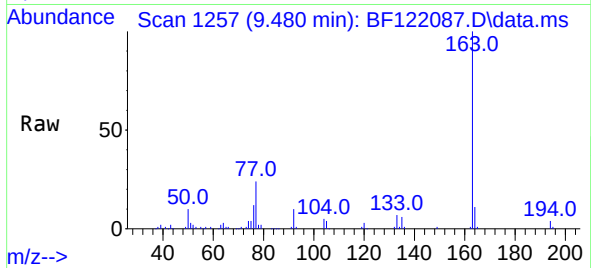


Tgt Ion: 172 Resp: 938115
Ion Ratio Lower Upper
172 100
171 35.7 29.1 43.7
170 23.9 19.8 29.6

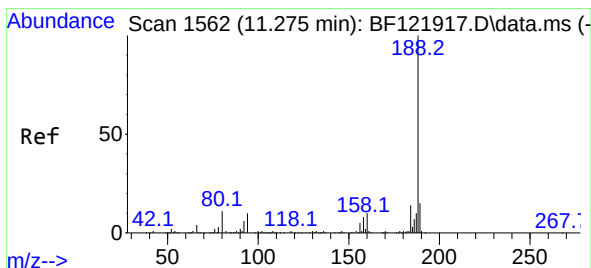
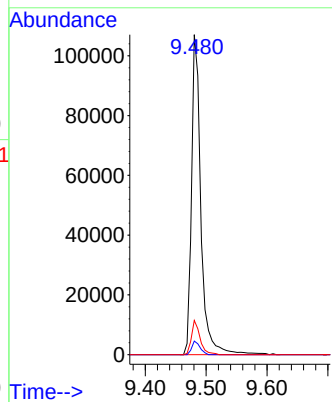
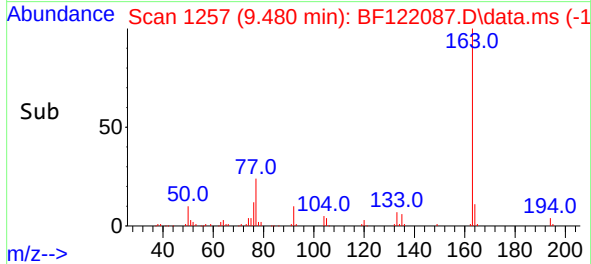




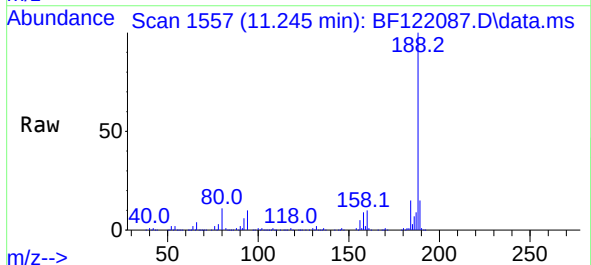
#50
Dimethylphthalate
Concen: 7.39 ng
RT: 9.480 min Scan# 1257
Delta R.T. -0.012 min
Lab File: BF122087.D
Acq: 22 Oct 2020 17:00



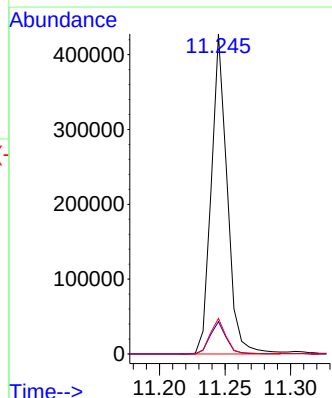
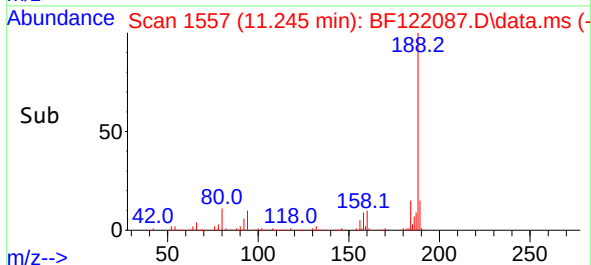
Tgt Ion:163 Resp: 114375
Ion Ratio Lower Upper
163 100
194 4.3 3.3 4.9
164 10.7 8.2 12.4



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.245 min Scan# 1557
Delta R.T. -0.000 min
Lab File: BF122087.D
Acq: 22 Oct 2020 17:00



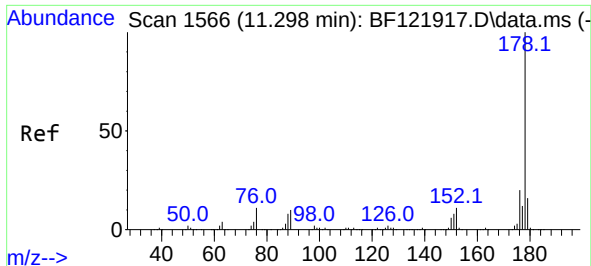
Tgt Ion:188 Resp: 362429
Ion Ratio Lower Upper
188 100
94 10.1 8.3 12.5
80 11.1 9.1 13.7



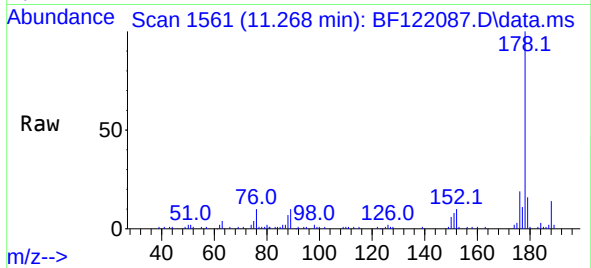
Instrument :
BNA_F
ClientSampled :
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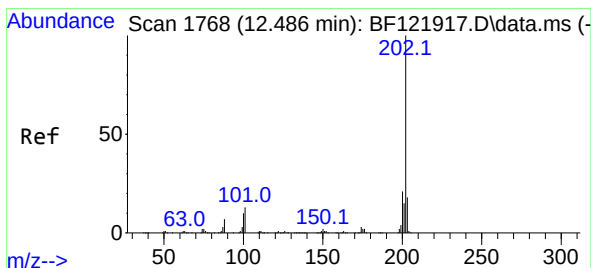
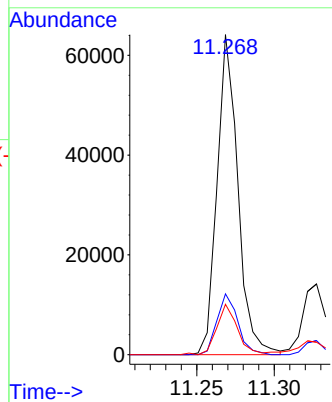
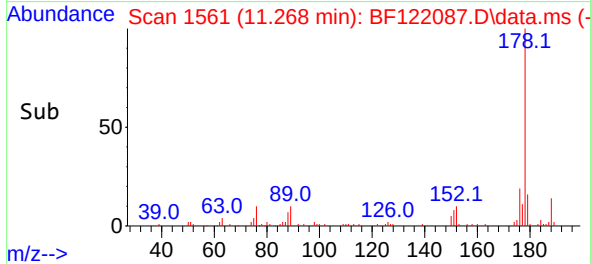
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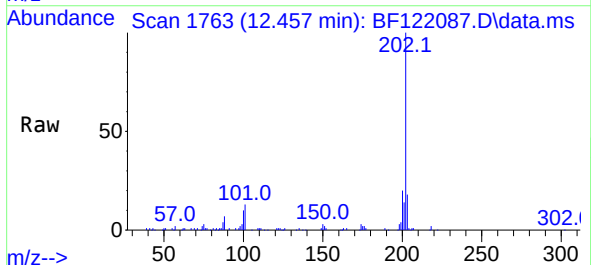
#71
Phenanthrene
Concen: 3.01 ng
RT: 11.268 min Scan# 1561
Delta R.T. -0.006 min
Lab File: BF122087.D
Acq: 22 Oct 2020 17:00



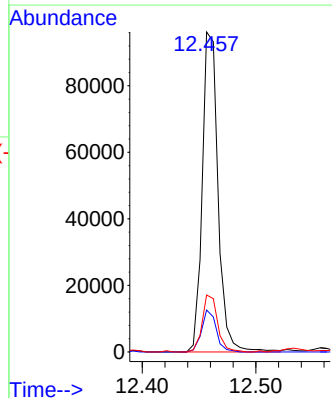
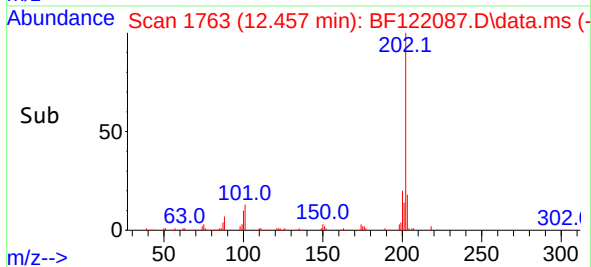
Tgt Ion:178 Resp: 59881
Ion Ratio Lower Upper
178 100
176 19.0 15.9 23.9
179 15.8 12.2 18.4



#75
Fluoranthene
Concen: 4.37 ng
RT: 12.457 min Scan# 1763
Delta R.T. -0.006 min
Lab File: BF122087.D
Acq: 22 Oct 2020 17:00



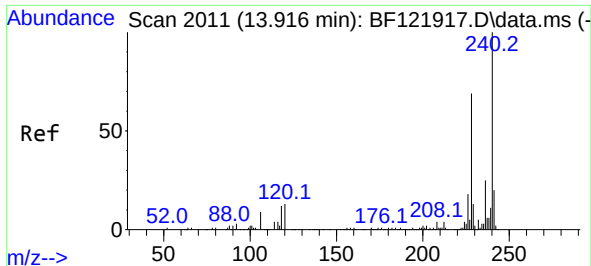
Tgt Ion:202 Resp: 93212
Ion Ratio Lower Upper
202 100
101 13.1 0.0 33.4
203 17.8 0.0 37.9



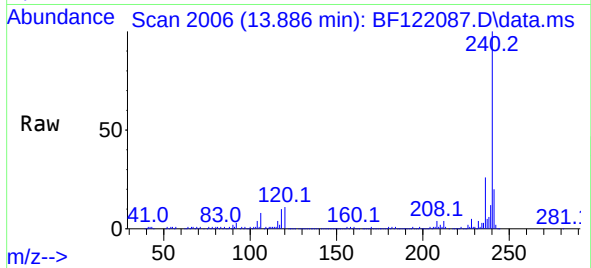
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#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.886 min Scan# 2006
Delta R.T. -0.000 min
Lab File: BF122087.D
Acq: 22 Oct 2020 17:00

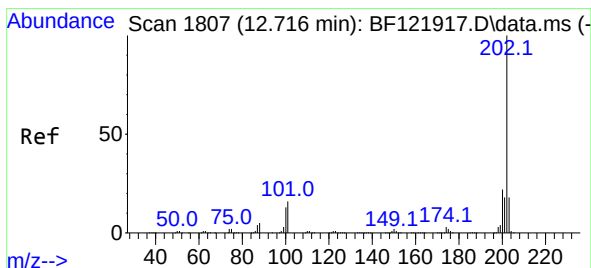
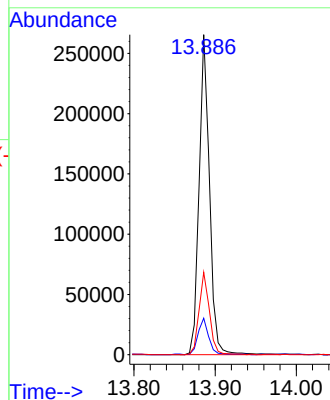


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Ion Ratio Lower Upper
240 100
120 11.4 9.2 13.8
236 25.8 20.9 31.3

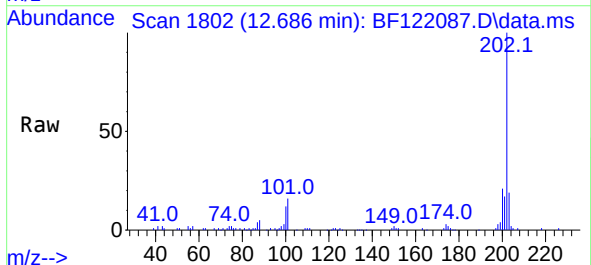
Instrument :
BNA_F
ClientSampled :
33A

Manual Integrations
APPROVED

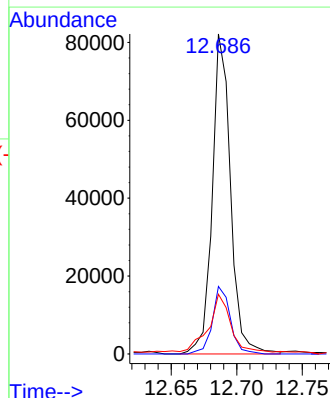
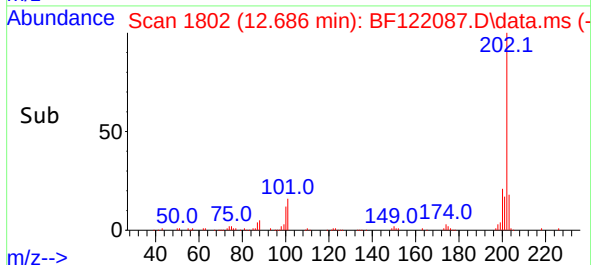
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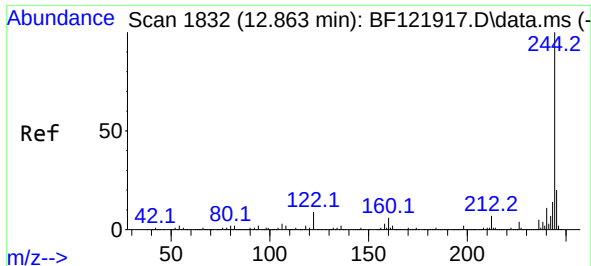


#78
Pyrene
Concen: 4.41 ng
RT: 12.686 min Scan# 1802
Delta R.T. -0.000 min
Lab File: BF122087.D
Acq: 22 Oct 2020 17:00



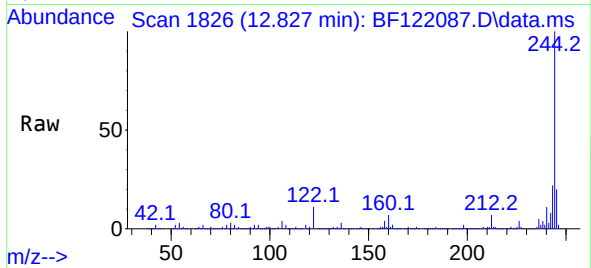
Tgt Ion:202 Resp: 79725
Ion Ratio Lower Upper
202 100
200 21.1 17.4 26.2
203 18.6 14.6 21.8





#79
Terphenyl-d14
Concen: 62.12 ng
RT: 12.827 min Scan# 1826
Delta R.T. -0.006 min
Lab File: BF122087.D
Acq: 22 Oct 2020 17:00

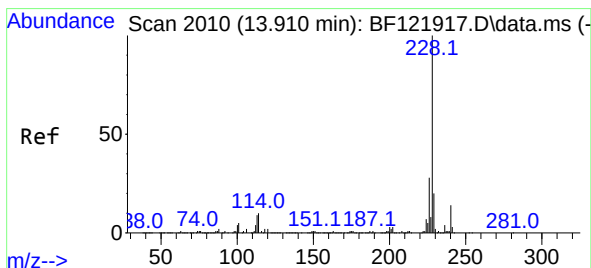
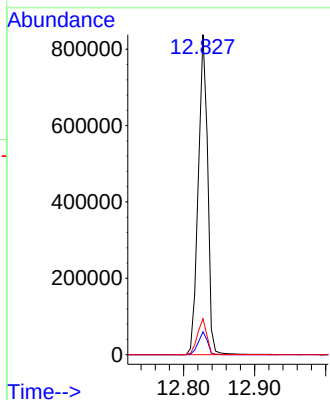
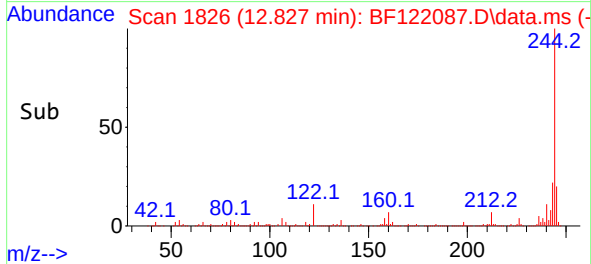
Instrument :
BNA_F
ClientSampled :
33A



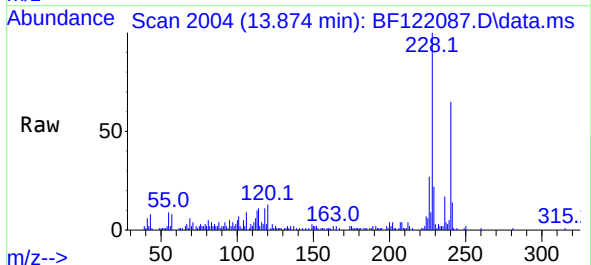
Tgt Ion:244 Resp: 772647
Ion Ratio Lower Upper
244 100
212 7.2 5.4 8.2
122 11.2 8.1 12.1

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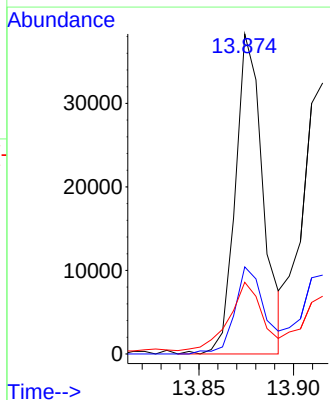
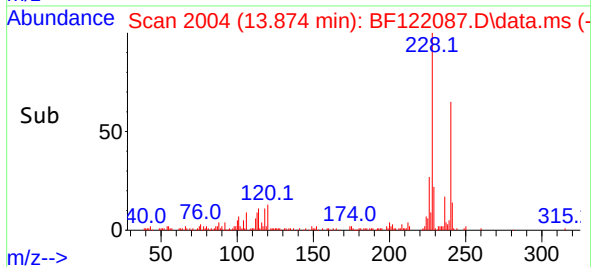
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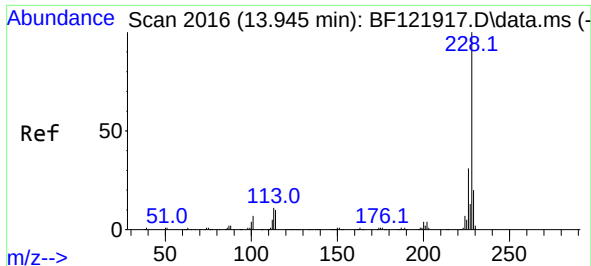


#81
Benzo(a)anthracene
Concen: 2.51 ng
RT: 13.874 min Scan# 2004
Delta R.T. -0.006 min
Lab File: BF122087.D
Acq: 22 Oct 2020 17:00



Tgt Ion:228 Resp: 38945
Ion Ratio Lower Upper
228 100
226 27.2 22.3 33.5
229 22.4 16.2 24.4





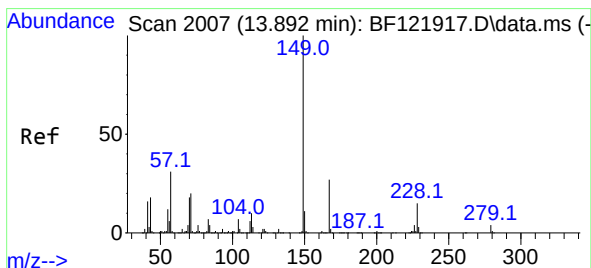
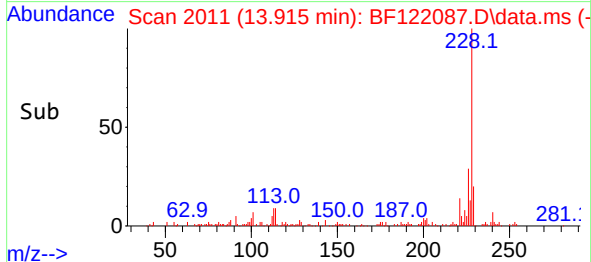
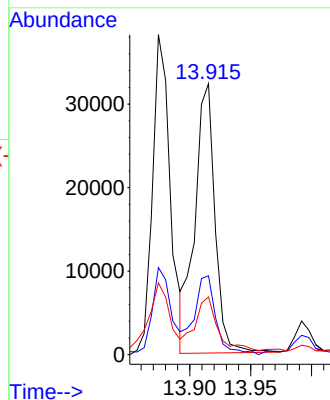
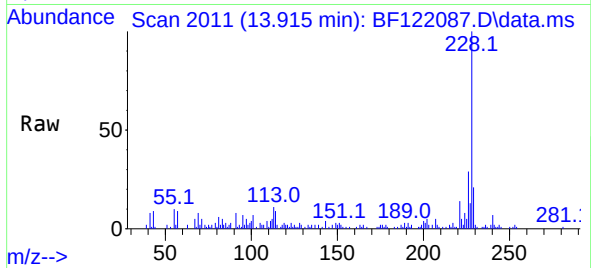
#83
Chrysene
Concen: 2.44 ng
RT: 13.915 min Scan# 2011
Delta R.T. -0.000 min
Lab File: BF122087.D
Acq: 22 Oct 2020 17:00

Tgt Ion:	228	Resp:	37181
Ion Ratio	Lower	Upper	
228	100		
226	29.1	24.6	37.0
229	21.3	15.9	23.9

Instrument :
BNA_F
ClientSampled :
33A

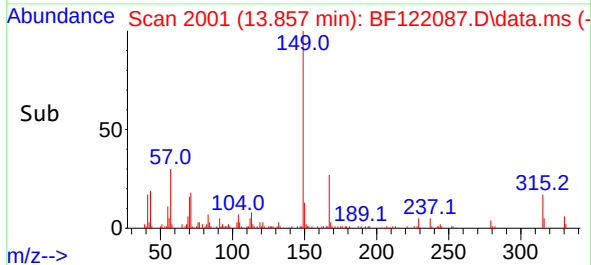
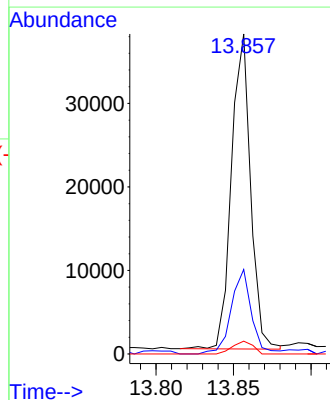
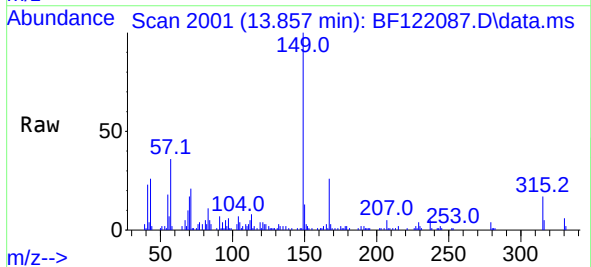
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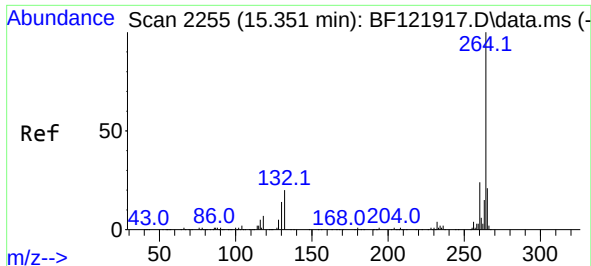
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#84
Bis(2-ethylhexyl)phthalate
Concen: 3.32 ng
RT: 13.857 min Scan# 2001
Delta R.T. -0.000 min
Lab File: BF122087.D
Acq: 22 Oct 2020 17:00

Tgt Ion:	149	Resp:	32330
Ion Ratio	Lower	Upper	
149	100		
167	26.4	20.9	31.3
279	4.0	3.2	4.8





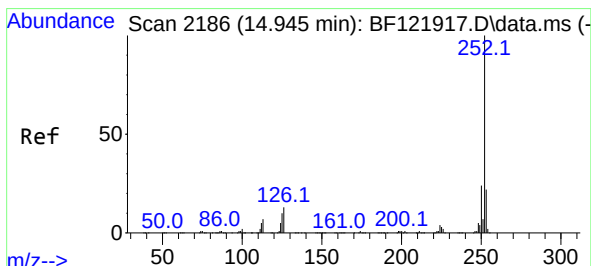
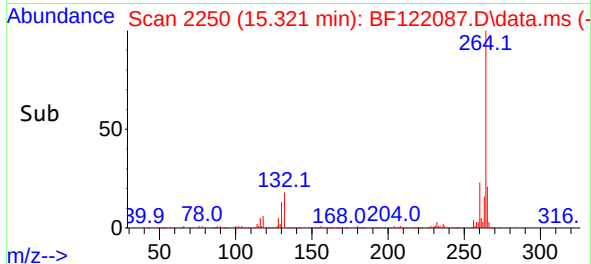
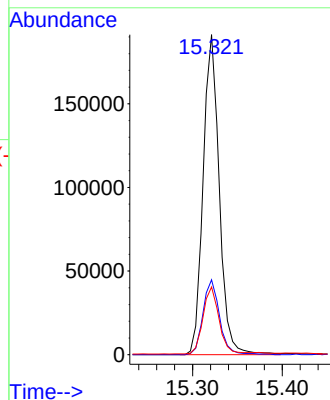
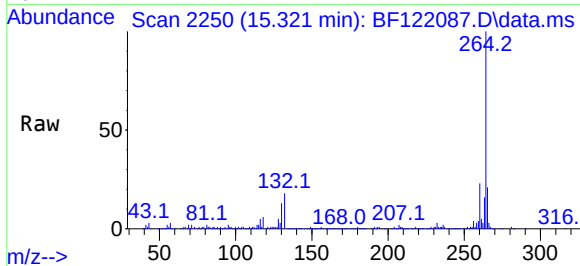
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.321 min Scan# 2250
Delta R.T. 0.006 min
Lab File: BF122087.D
Acq: 22 Oct 2020 17:00

Tgt Ion:	264	Resp:	239502
Ion Ratio	Lower	Upper	
264	100		
260	23.4	18.7	28.1
265	21.1	17.3	25.9

Instrument :
BNA_F
ClientSampled :
33A

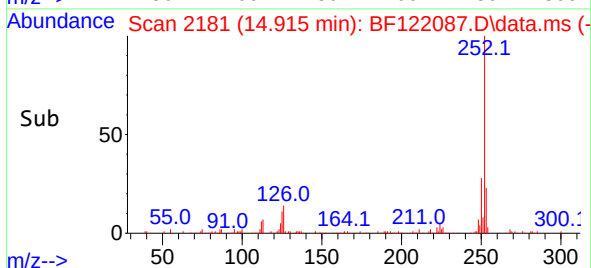
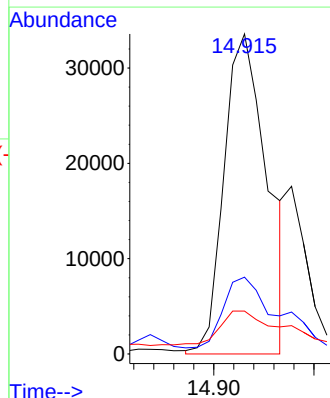
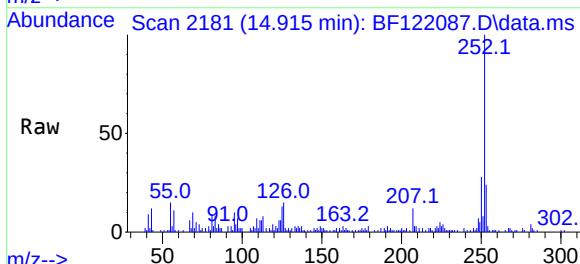
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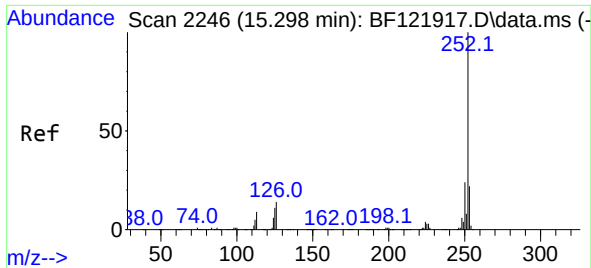
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#88
Benzo(b)fluoranthene
Concen: 3.11 ng m
RT: 14.915 min Scan# 2181
Delta R.T. 0.006 min
Lab File: BF122087.D
Acq: 22 Oct 2020 17:00

Tgt Ion:	252	Resp:	50270
Ion Ratio	Lower	Upper	
252	100		
253	24.0	18.2	27.2
125	13.4	8.0	12.0#





#90
Benzo(a)pyrene
Concen: 2.42 ng
RT: 15.262 min Scan# 2240
Delta R.T. 0.006 min
Lab File: BF122087.D
Acq: 22 Oct 2020 17:00

Tgt Ion:	252	Resp:	33780
Ion Ratio	Lower	Upper	
252	100		
253	24.4	17.3	25.9
125	12.1	8.6	13.0

Instrument :
BNA_F
ClientSampleId :
33A

Manual Integrations
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