

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101520\
 Data File : BF122004.D
 Acq On : 15 Oct 2020 21:53
 Operator : JU/CG
 Sample : L4223-01 5X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PL-01-101420

Manual Integrations
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Quant Time: Oct 16 01:09:40 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 15 12:55:05 2020
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.740	152	121688	20.00	ng	0.00
21) Naphthalene-d8	8.028	136	459978	20.00	ng	0.00
39) Acenaphthene-d10	9.775	164	231317	20.00	ng	0.00
64) Phenanthrene-d10	11.263	188	368539	20.00	ng	0.00
76) Chrysene-d12	13.904	240	253116	20.00	ng	0.00
86) Perylene-d12	15.339	264	250493	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.363	112	154395	18.73	ng	0.00
7) Phenol-d6	6.387	99	198058	18.66	ng	0.00
23) Nitrobenzene-d5	7.310	82	127050	14.17	ng	0.00
42) 2,4,6-Tribromophenol	10.569	330	37675	13.17	ng	0.00
45) 2-Fluorobiphenyl	9.098	172	238637	15.18	ng	0.00
79) Terphenyl-d14	12.845	244	167533	12.61	ng	0.00
Target Compounds						Qvalue
50) Dimethylphthalate	9.498	163	40009	2.37	ng	99
71) Phenanthrene	11.286	178	107109	5.30	ng	99
75) Fluoranthene	12.474	202	167086	7.71	ng	98
78) Pyrene	12.704	202	153494	7.96	ng	97
81) Benzo(a)anthracene	13.892	228	75543	4.55	ng	98
83) Chrysene	13.927	228	62191	3.82	ng	98
88) Benzo(b)fluoranthene	14.927	252	76961m	4.55	ng	
90) Benzo(a)pyrene	15.280	252	57547	3.93	ng	# 94
92) Benzo(g,h,i)perylene	17.180	276	29289	2.19	ng	97

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

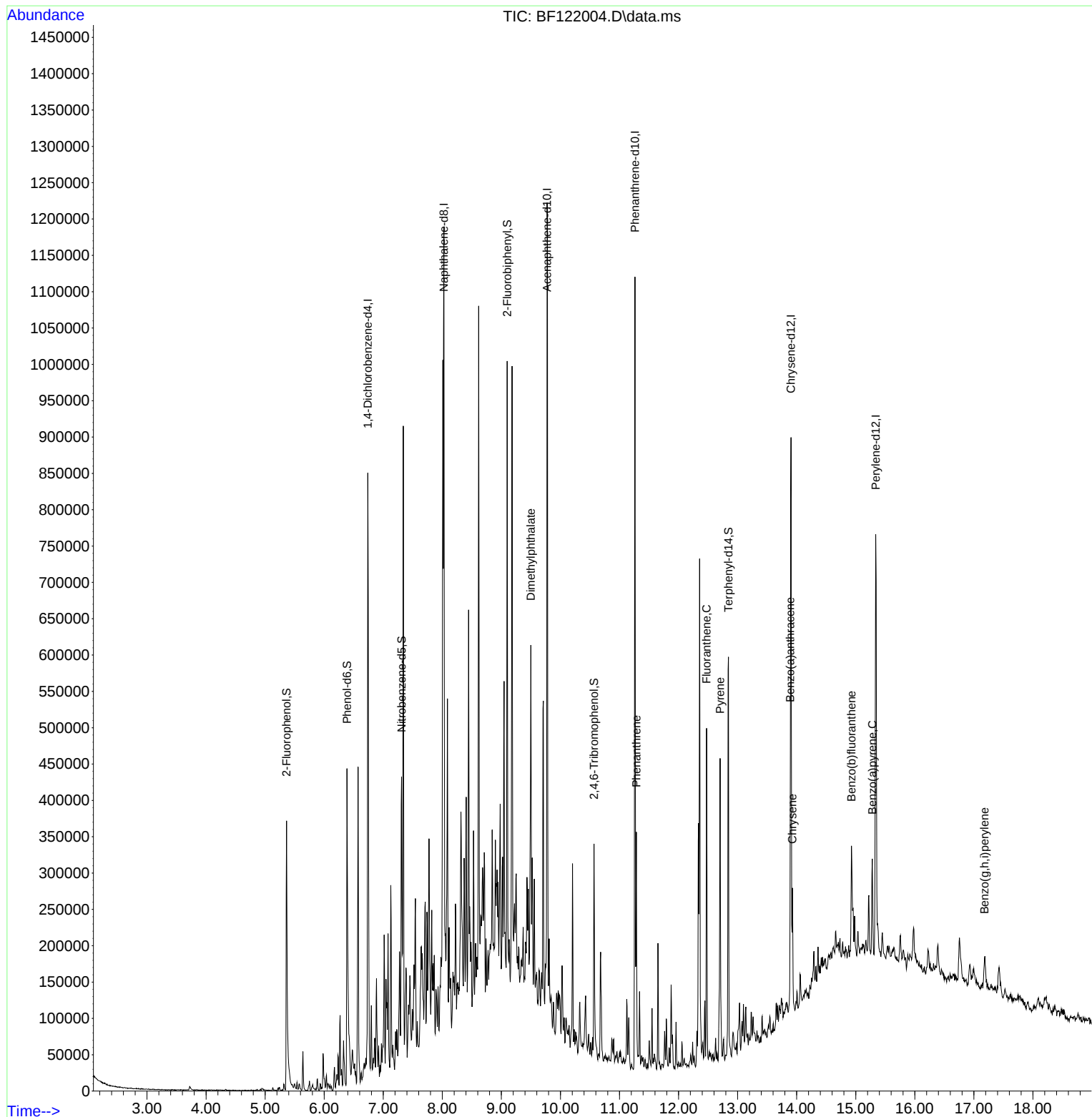
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Data File : BF122004.D
Acq On : 15 Oct 2020 21:53
Operator : JU/CG
Sample : L4223-01 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
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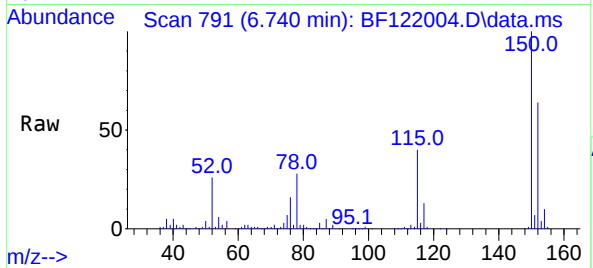
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Quant Time: Oct 16 01:09:40 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 15 12:55:05 2020
Response via : Initial Calibration

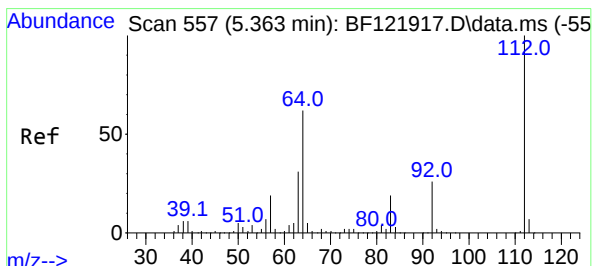
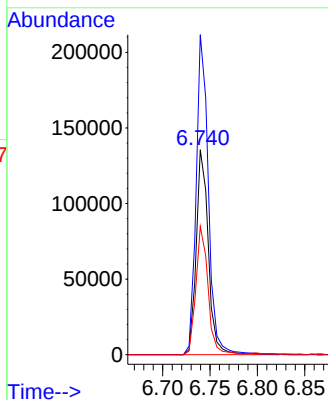
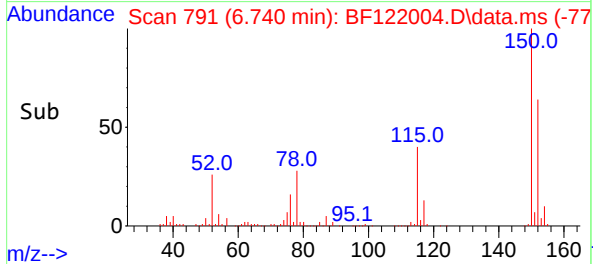




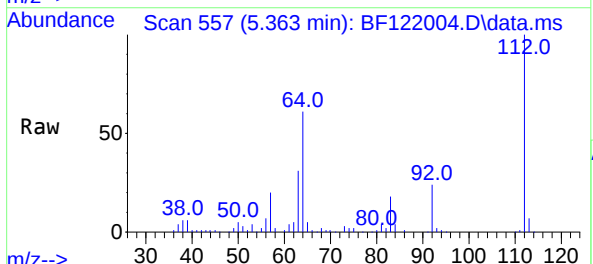
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.740 min Scan# 791
Delta R.T. -0.005 min
Lab File: BF122004.D
Acq: 15 Oct 2020 21:53



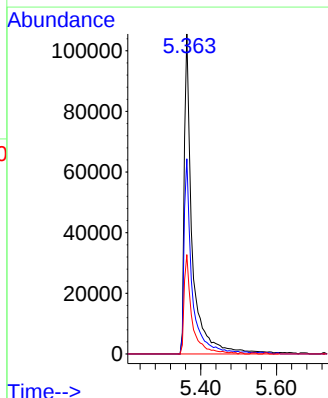
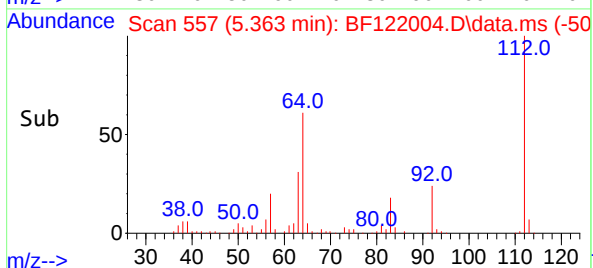
Tgt Ion:152 Resp: 121688
Ion Ratio Lower Upper
152 100
150 156.1 125.3 187.9
115 62.5 51.9 77.9



#5
2-Fluorophenol
Concen: 18.73 ng
RT: 5.363 min Scan# 557
Delta R.T. 0.000 min
Lab File: BF122004.D
Acq: 15 Oct 2020 21:53



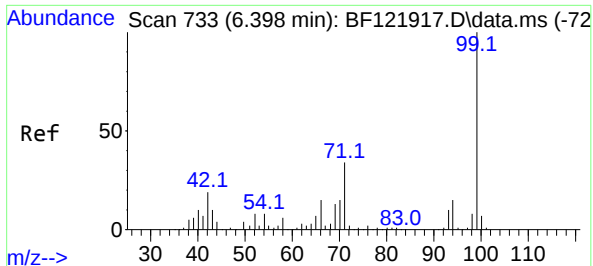
Tgt Ion:112 Resp: 154395
Ion Ratio Lower Upper
112 100
64 61.0 50.4 75.6
63 31.1 25.8 38.6



Instrument :
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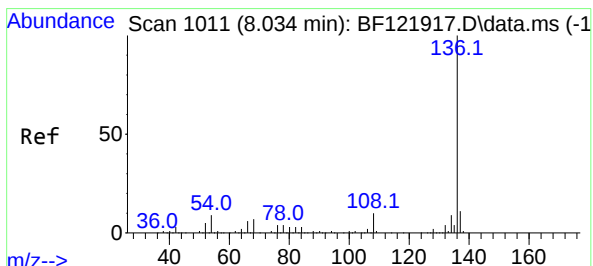
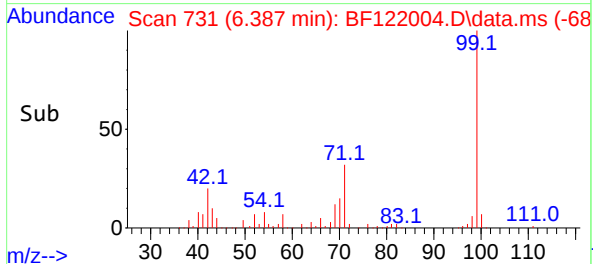
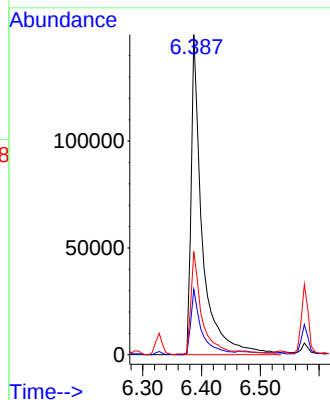
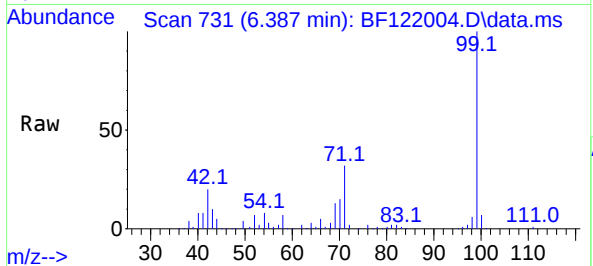
#7
Phenol-d6
Concen: 18.66 ng
RT: 6.387 min Scan# 731
Delta R.T. -0.006 min
Lab File: BF122004.D
Acq: 15 Oct 2020 21:53

Tgt Ion:	99	Resp:	198058
Ion	Ratio	Lower	Upper
99	100		
42	20.4	15.9	23.9
71	32.2	27.1	40.7

Instrument :
BNA_F
ClientSampleId :
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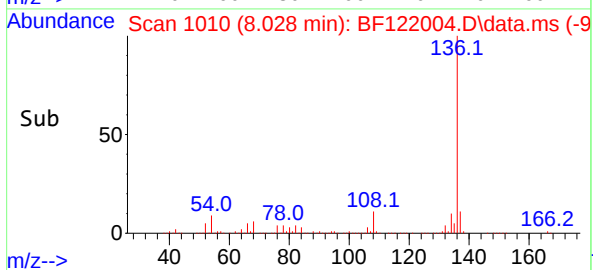
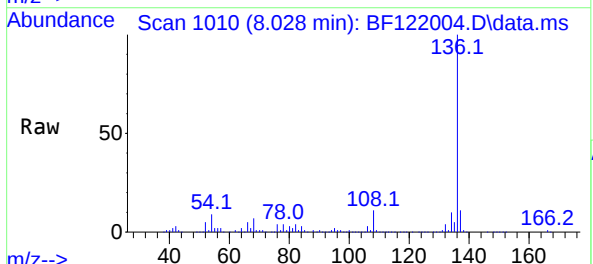
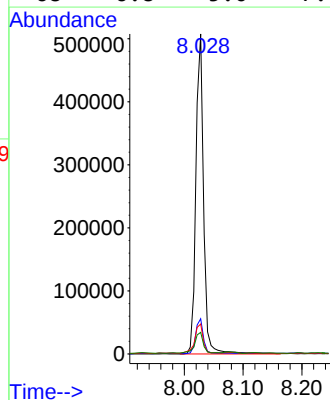
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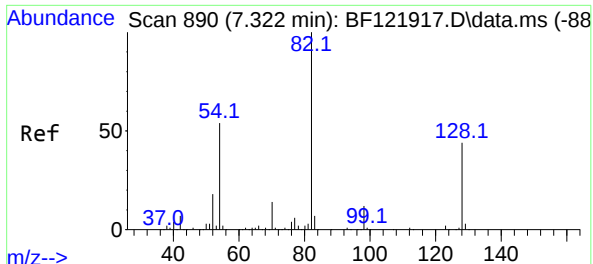
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#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.028 min Scan# 1010
Delta R.T. 0.000 min
Lab File: BF122004.D
Acq: 15 Oct 2020 21:53

Tgt Ion:	136	Resp:	459978
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	13.0
54	9.3	7.1	10.7
68	6.8	5.0	7.4





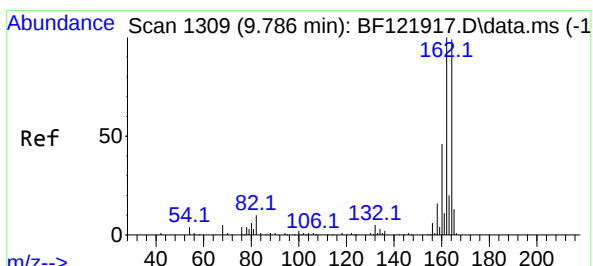
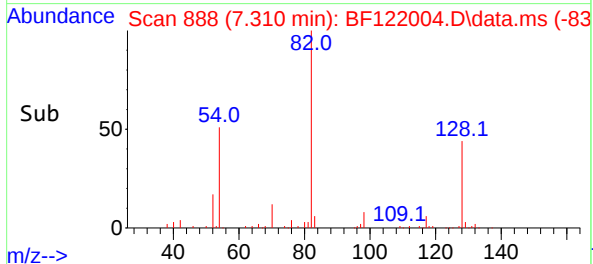
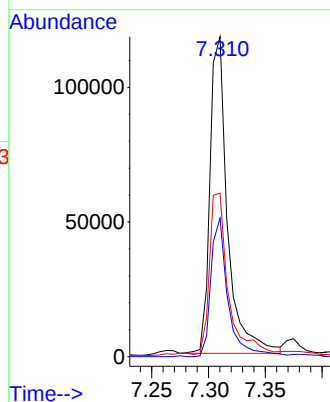
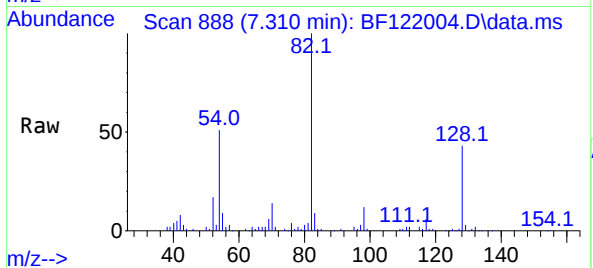
#23
Nitrobenzene-d5
Concen: 14.17 ng
RT: 7.310 min Scan# 888
Delta R.T. -0.006 min
Lab File: BF122004.D
Acq: 15 Oct 2020 21:53

Tgt Ion: 82 Resp: 127050
Ion Ratio Lower Upper
82 100
128 43.3 35.0 52.4
54 51.1 43.9 65.9

Instrument :
BNA_F
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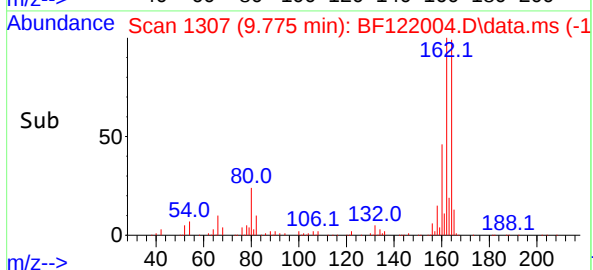
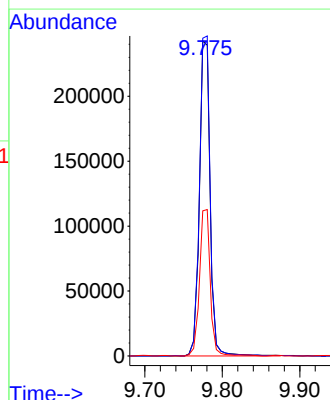
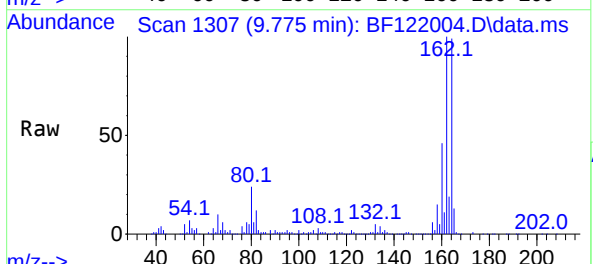
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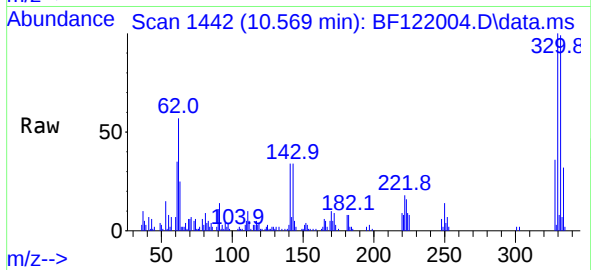
#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.775 min Scan# 1307
Delta R.T. -0.006 min
Lab File: BF122004.D
Acq: 15 Oct 2020 21:53

Tgt Ion: 164 Resp: 231317
Ion Ratio Lower Upper
164 100
162 100.9 83.2 124.8
160 46.0 37.5 56.3

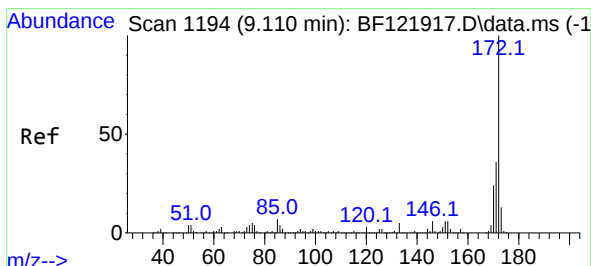
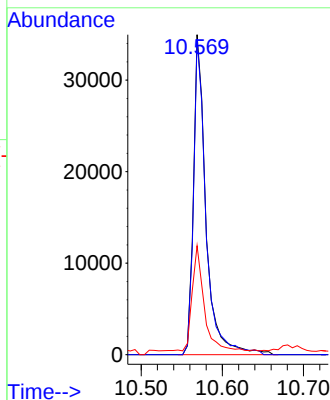
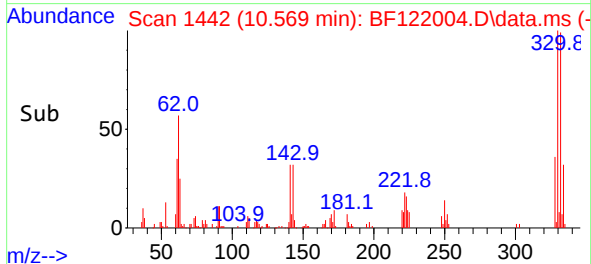




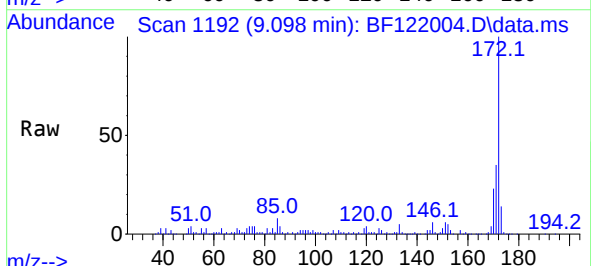
#42
2,4,6-Tribromophenol
Concen: 13.17 ng
RT: 10.569 min Scan# 1442
Delta R.T. -0.006 min
Lab File: BF122004.D
Acq: 15 Oct 2020 21:53



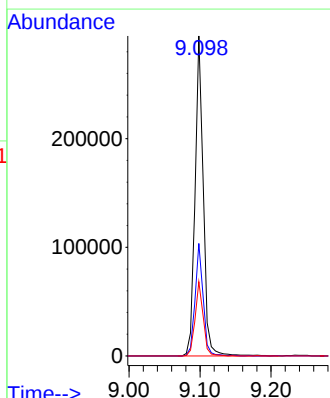
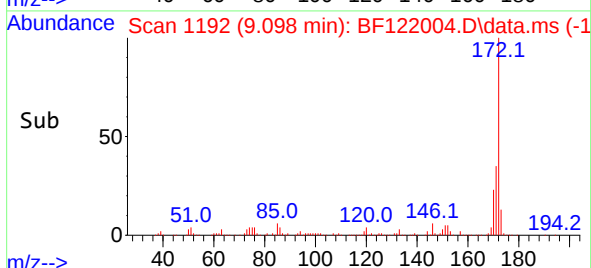
Tgt Ion: 330 Resp: 37675
Ion Ratio Lower Upper
330 100
332 97.9 77.3 115.9
141 31.5 22.3 33.5



#45
2-Fluorobiphenyl
Concen: 15.18 ng
RT: 9.098 min Scan# 1192
Delta R.T. -0.006 min
Lab File: BF122004.D
Acq: 15 Oct 2020 21:53



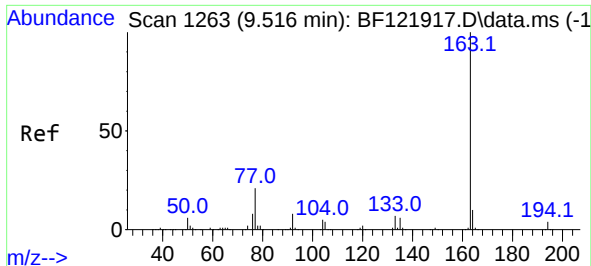
Tgt Ion: 172 Resp: 238637
Ion Ratio Lower Upper
172 100
171 35.2 29.1 43.7
170 23.2 19.8 29.6



Instrument :
BNA_F
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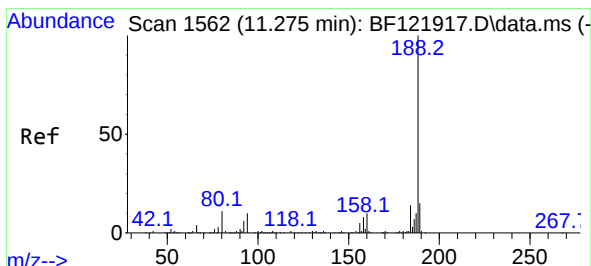
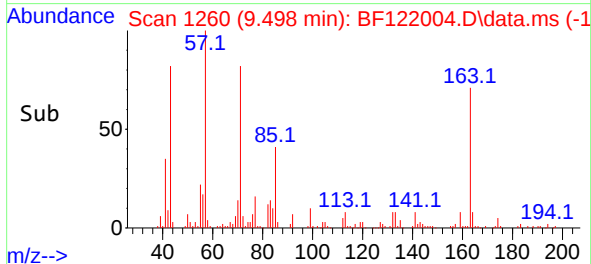
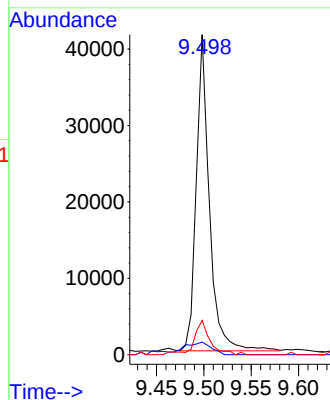
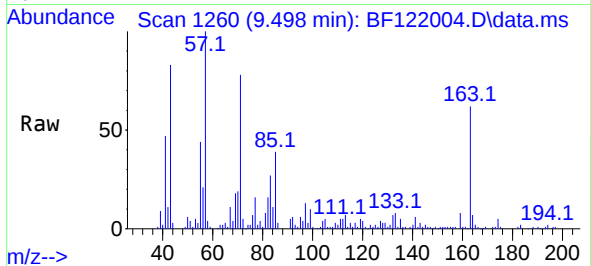
#50
Dimethylphthalate
Concen: 2.37 ng
RT: 9.498 min Scan# 1260
Delta R.T. -0.006 min
Lab File: BF122004.D
Acq: 15 Oct 2020 21:53

Tgt Ion:	163	Resp:	40009
Ion Ratio	Lower	Upper	
163	100		
194	3.9	3.3	4.9
164	10.7	8.2	12.4

Instrument :
BNA_F
ClientSampleId :
PL-01-101420

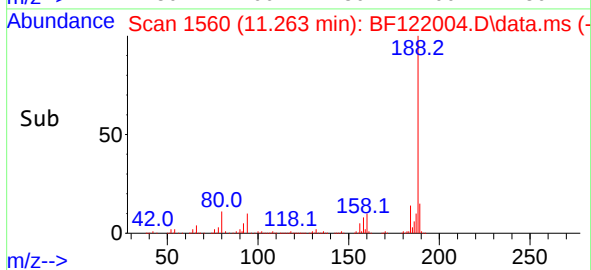
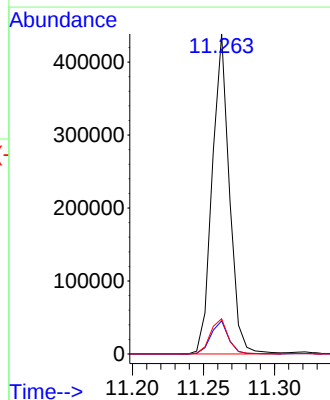
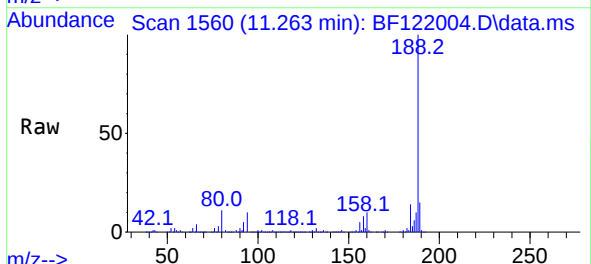
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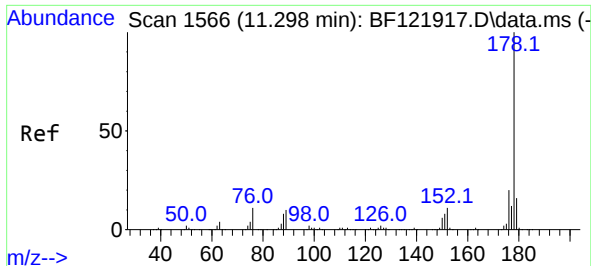
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#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.263 min Scan# 1560
Delta R.T. 0.000 min
Lab File: BF122004.D
Acq: 15 Oct 2020 21:53

Tgt Ion:	188	Resp:	368539
Ion Ratio	Lower	Upper	
188	100		
94	10.4	8.3	12.5
80	11.0	9.1	13.7





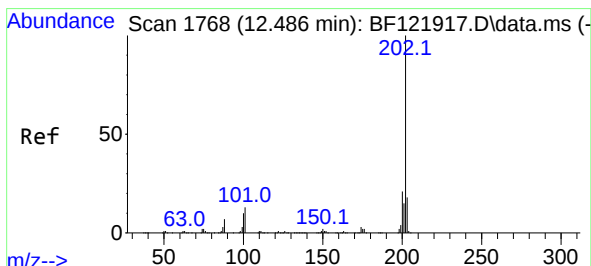
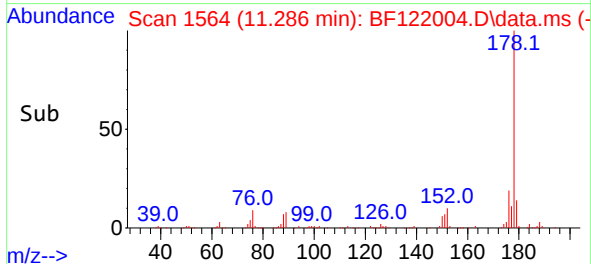
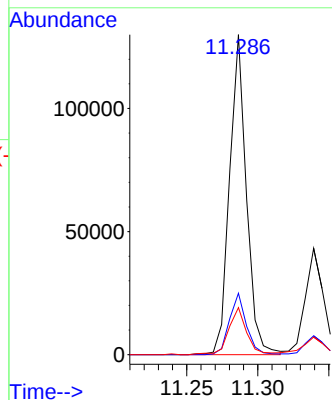
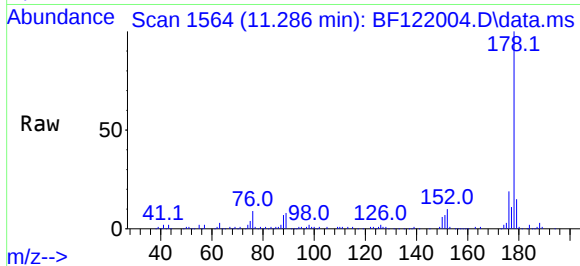
#71
Phenanthrene
Concen: 5.30 ng
RT: 11.286 min Scan# 1564
Delta R.T. -0.006 min
Lab File: BF122004.D
Acq: 15 Oct 2020 21:53

Tgt Ion:178 Resp: 107109
Ion Ratio Lower Upper
178 100
176 19.2 15.9 23.9
179 14.7 12.2 18.4

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PL-01-101420

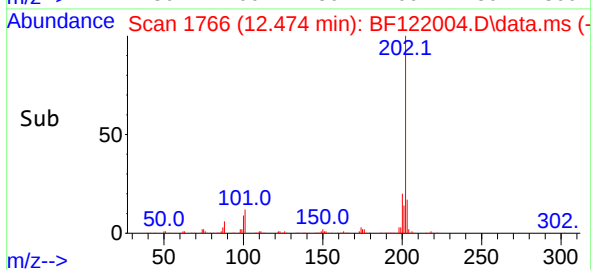
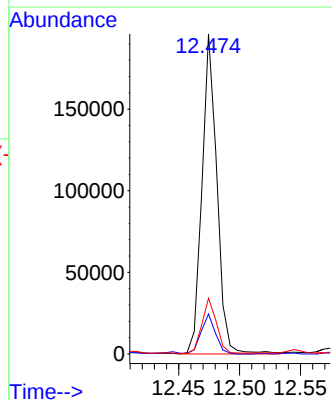
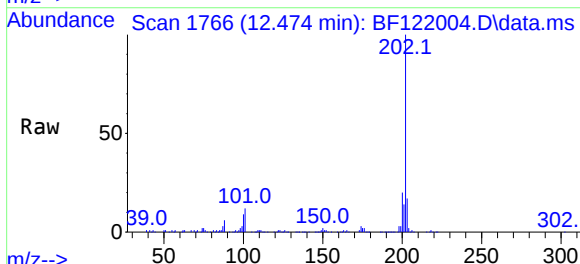
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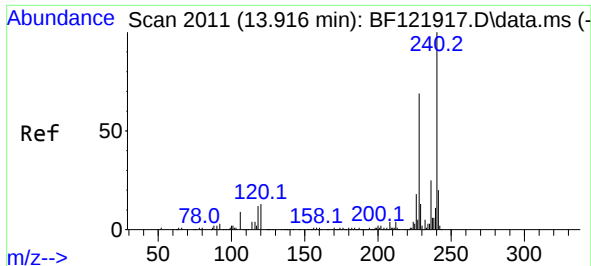
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#75
Fluoranthene
Concen: 7.71 ng
RT: 12.474 min Scan# 1766
Delta R.T. -0.006 min
Lab File: BF122004.D
Acq: 15 Oct 2020 21:53

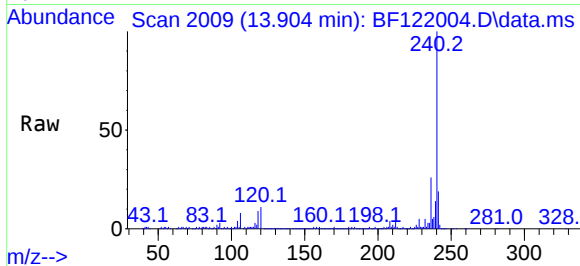
Tgt Ion:202 Resp: 167086
Ion Ratio Lower Upper
202 100
101 12.5 0.0 33.4
203 17.4 0.0 37.9





#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.904 min Scan# 2009
Delta R.T. -0.006 min
Lab File: BF122004.D
Acq: 15 Oct 2020 21:53

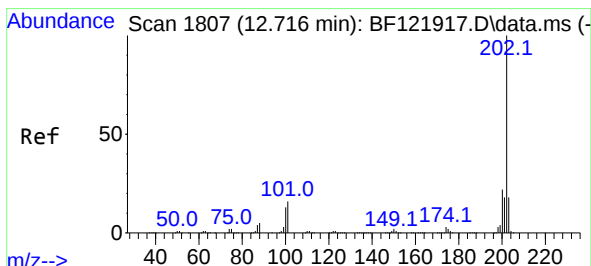
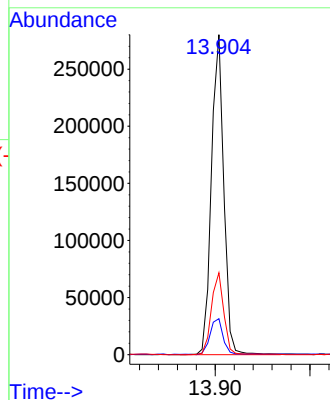
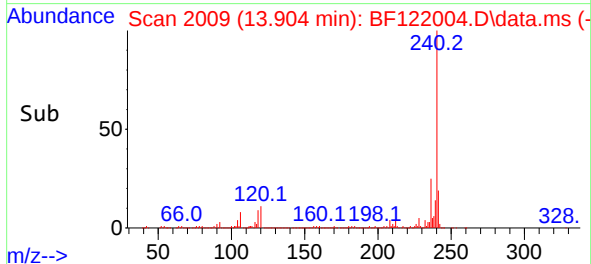
Instrument :
BNA_F
ClientSampleId :
PL-01-101420



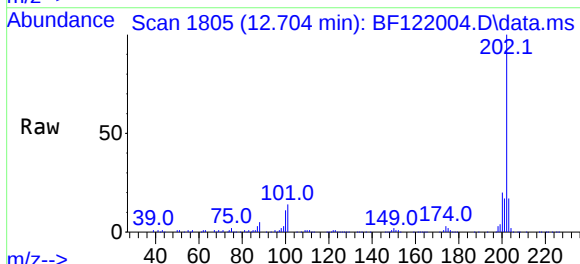
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Ion Ratio Lower Upper
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120 11.3 9.2 13.8
236 25.6 20.9 31.3

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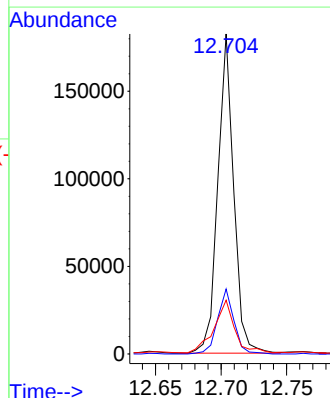
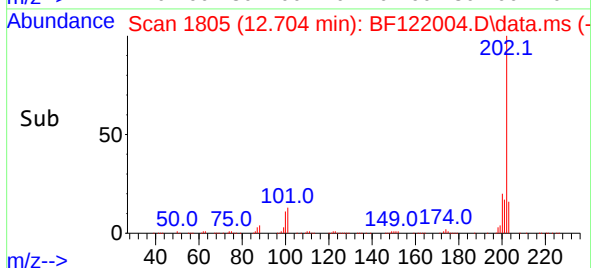
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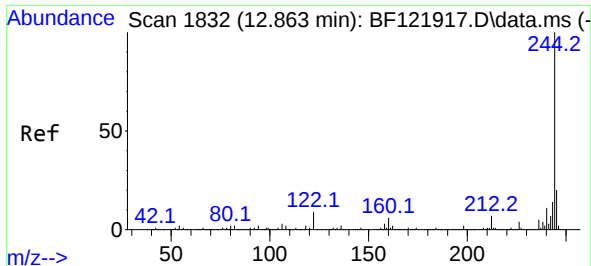


#78
Pyrene
Concen: 7.96 ng
RT: 12.704 min Scan# 1805
Delta R.T. -0.006 min
Lab File: BF122004.D
Acq: 15 Oct 2020 21:53



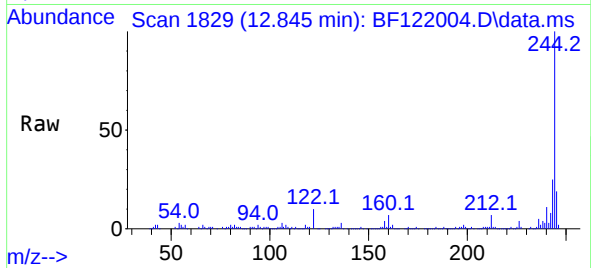
Tgt Ion:202 Resp: 153494
Ion Ratio Lower Upper
202 100
200 20.3 17.4 26.2
203 16.8 14.6 21.8





#79
Terphenyl-d14
Concen: 12.61 ng
RT: 12.845 min Scan# 1829
Delta R.T. -0.006 min
Lab File: BF122004.D
Acq: 15 Oct 2020 21:53

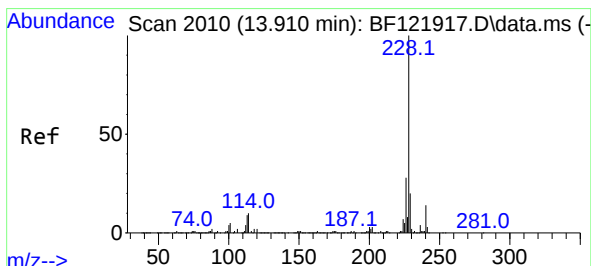
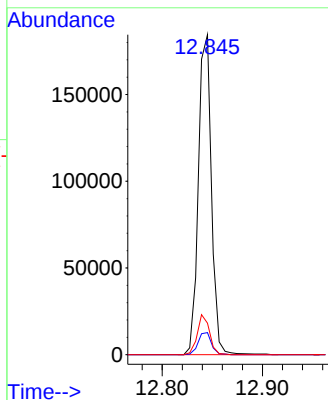
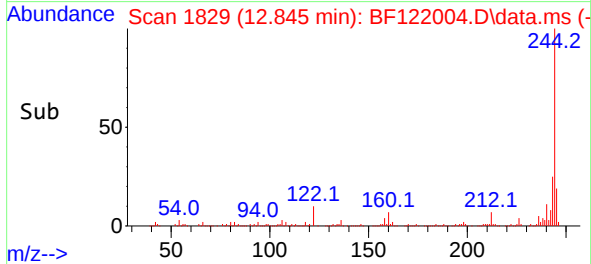
Instrument :
BNA_F
ClientSampleId :
PL-01-101420



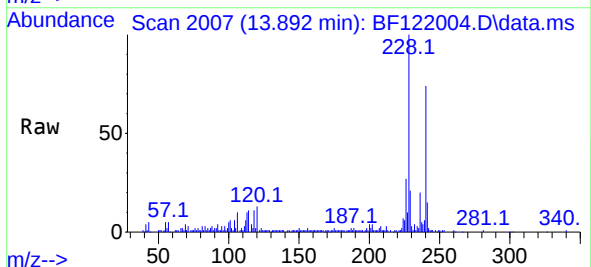
Tgt Ion:244 Resp: 167533
Ion Ratio Lower Upper
244 100
212 6.9 5.4 8.2
122 9.9 8.1 12.1

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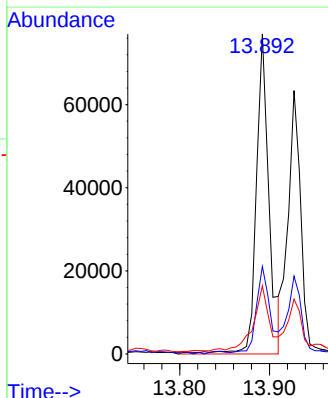
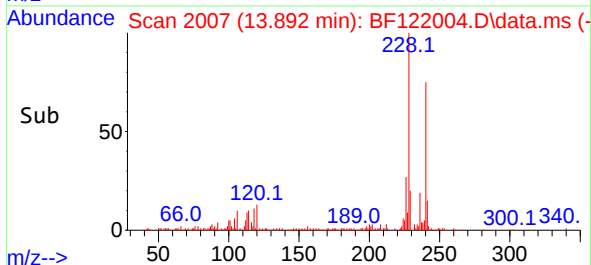
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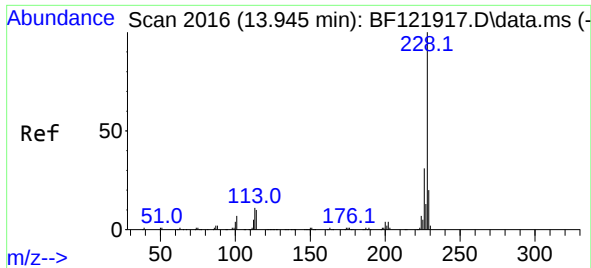


#81
Benzo(a)anthracene
Concen: 4.55 ng
RT: 13.892 min Scan# 2007
Delta R.T. -0.006 min
Lab File: BF122004.D
Acq: 15 Oct 2020 21:53



Tgt Ion:228 Resp: 75543
Ion Ratio Lower Upper
228 100
226 27.4 22.3 33.5
229 21.3 16.2 24.4





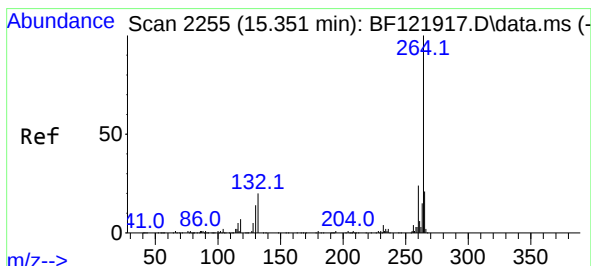
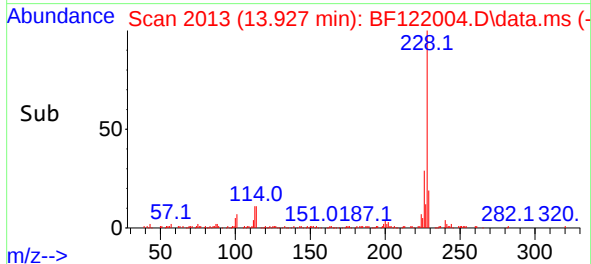
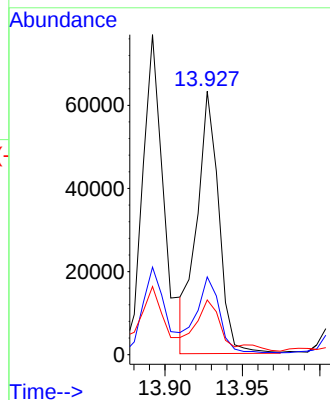
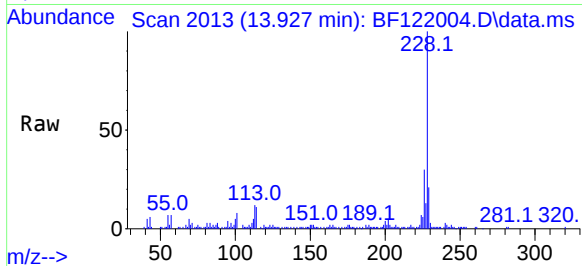
#83
Chrysene
Concen: 3.82 ng
RT: 13.927 min Scan# 2013
Delta R.T. -0.006 min
Lab File: BF122004.D
Acq: 15 Oct 2020 21:53

Tgt Ion:	228	Resp:	62191
Ion Ratio	Lower	Upper	
228	100		
226	29.6	24.6	37.0
229	20.8	15.9	23.9

Instrument :
BNA_F
ClientSampleId :
PL-01-101420

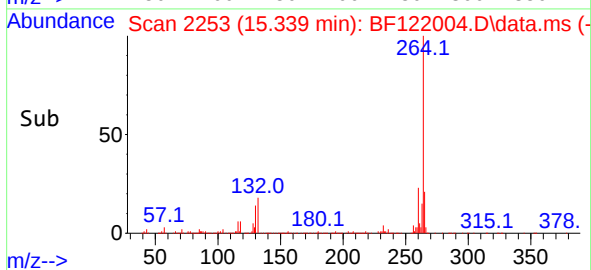
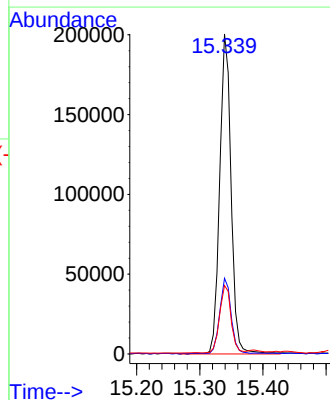
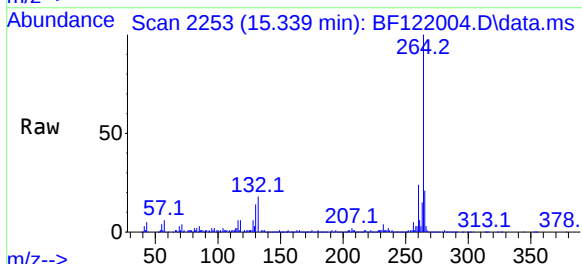
Manual Integrations
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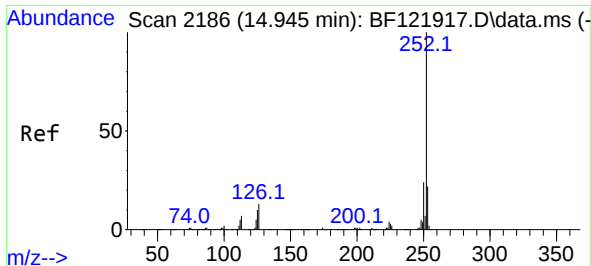
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#86
Perylene-d12
Concen: 20.00 ng
RT: 15.339 min Scan# 2253
Delta R.T. 0.000 min
Lab File: BF122004.D
Acq: 15 Oct 2020 21:53

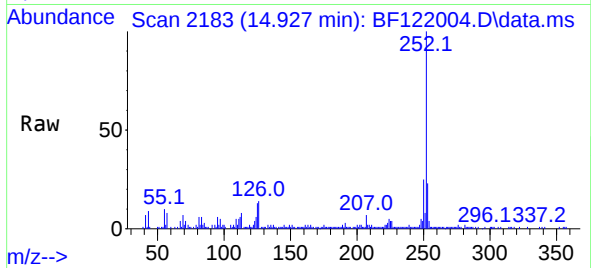
Tgt Ion:	264	Resp:	250493
Ion Ratio	Lower	Upper	
264	100		
260	23.7	18.7	28.1
265	21.4	17.3	25.9





#88
Benzo(b)fluoranthene
Concen: 4.55 ng m
RT: 14.927 min Scan# 2183
Delta R.T. -0.006 min
Lab File: BF122004.D
Acq: 15 Oct 2020 21:53

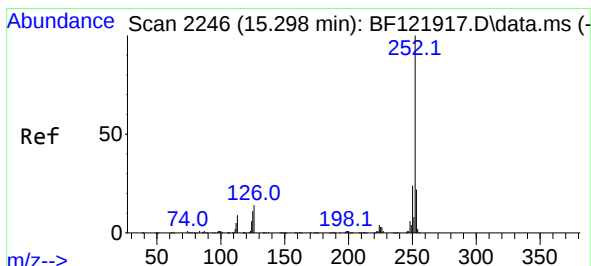
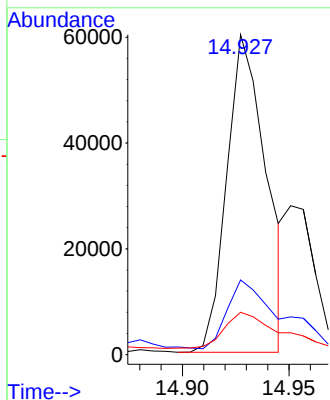
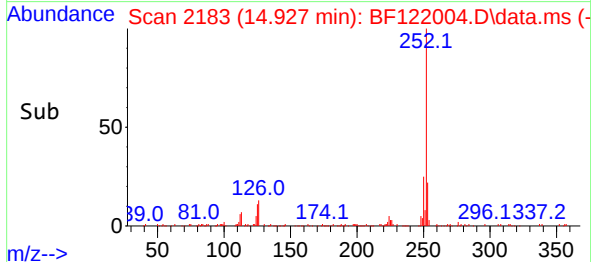
Instrument :
BNA_F
ClientSampled :
PL-01-101420



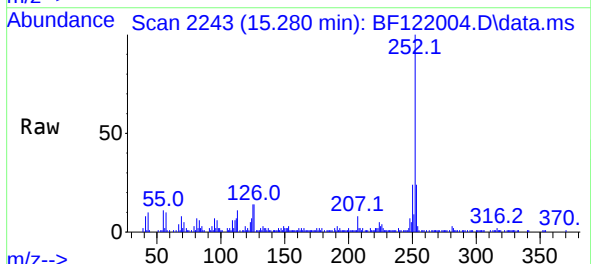
Tgt Ion:252 Resp: 76961
Ion Ratio Lower Upper
252 100
253 23.4 18.2 27.2
125 13.3 8.0 12.0#

Manual Integrations
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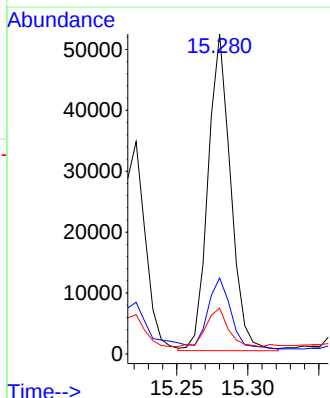
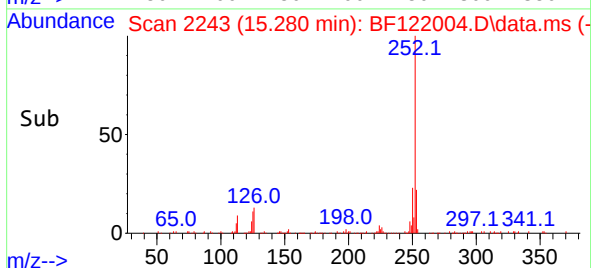
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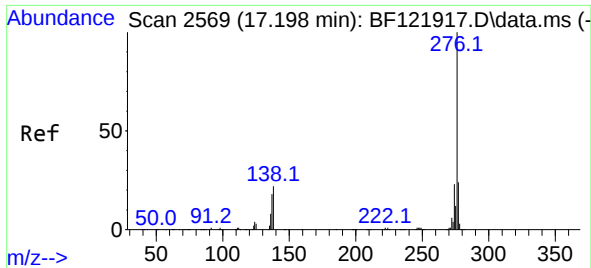


#90
Benzo(a)pyrene
Concen: 3.93 ng
RT: 15.280 min Scan# 2243
Delta R.T. -0.006 min
Lab File: BF122004.D
Acq: 15 Oct 2020 21:53



Tgt Ion:252 Resp: 57547
Ion Ratio Lower Upper
252 100
253 23.8 17.3 25.9
125 14.3 8.6 13.0#





#92
Benzo(g,h,i)perylene
Concen: 2.19 ng
RT: 17.180 min Scan# 2566
Delta R.T. -0.006 min
Lab File: BF122004.D
Acq: 15 Oct 2020 21:53

Tgt Ion:	276	Resp:	29289
Ion Ratio	Lower	Upper	
276	100		
277	25.7	19.4	29.2
138	24.0	17.8	26.6

Instrument :
BNA_F
ClientSampleId :
PL-01-101420

Manual Integrations
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