

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101620\
 Data File : BF122012.D
 Acq On : 16 Oct 2020 15:42
 Operator : JU/CG
 Sample : L4218-01 5X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HD-01-101520

Manual Integrations
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Quant Time: Oct 16 16:33:15 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	6.739	152	104045	20.00	ng	0.00
21) Naphthalene-d8	8.028	136	409963	20.00	ng	0.00
39) Acenaphthene-d10	9.774	164	199917	20.00	ng	0.00
64) Phenanthrene-d10	11.263	188	331217	20.00	ng	0.00
76) Chrysene-d12	13.904	240	228183	20.00	ng	0.00
86) Perylene-d12	15.339	264	245250	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.369	112	94064	13.34	ng	0.00
7) Phenol-d6	6.392	99	125110	13.79	ng	0.00
23) Nitrobenzene-d5	7.310	82	84975	10.63	ng	0.00
42) 2,4,6-Tribromophenol	10.574	330	18658	7.54	ng	0.00
45) 2-Fluorobiphenyl	9.098	172	170390	12.54	ng	0.00
79) Terphenyl-d14	12.839	244	125680	10.50	ng	-0.01
Target Compounds						Qvalue
71) Phenanthrene	11.286	178	57321	3.16	ng	100
75) Fluoranthene	12.474	202	83394	4.28	ng	99
78) Pyrene	12.704	202	69179	3.98	ng	98
81) Benzo(a)anthracene	13.892	228	36583	2.45	ng	98
83) Chrysene	13.927	228	33010	2.25	ng	96
88) Benzo(b)fluoranthene	14.927	252	42236m	2.55	ng	
90) Benzo(a)pyrene	15.280	252	31325	2.19	ng	# 94

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

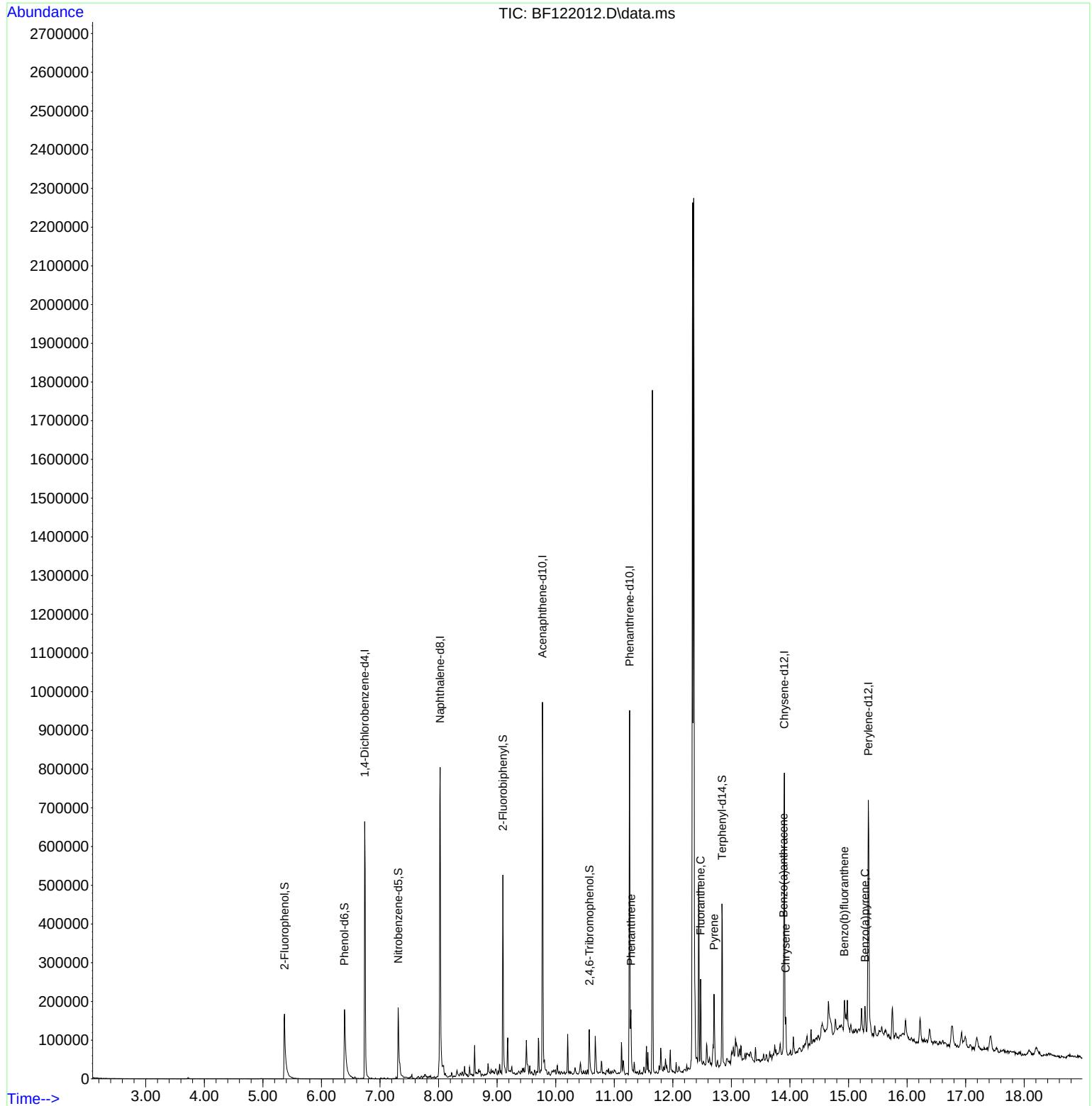
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Data File : BF122012.D
Acq On : 16 Oct 2020 15:42
Operator : JU/CG
Sample : L4218-01 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

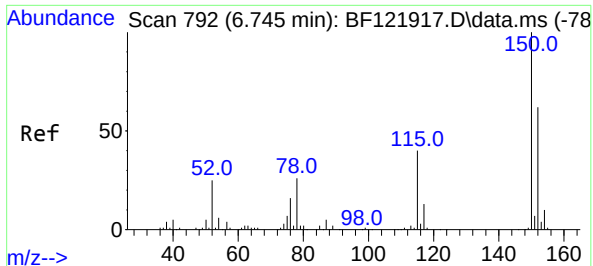
Instrument :
BNA_F
ClientSampleId :
HD-01-101520

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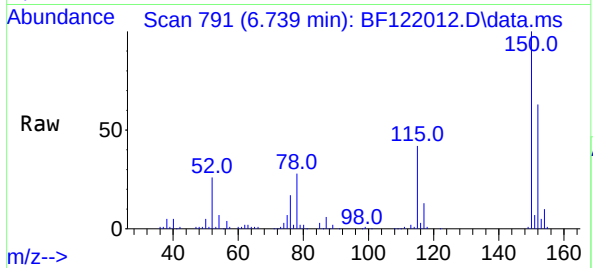
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Quant Time: Oct 16 16:33:15 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 15 12:55:05 2020
Response via : Initial Calibration

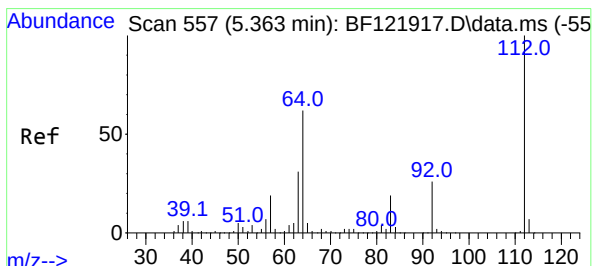
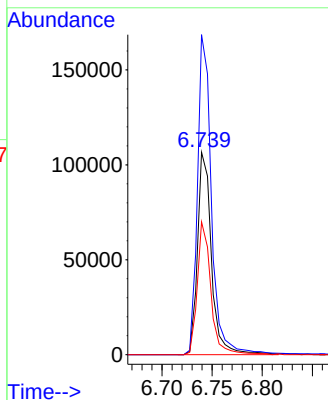
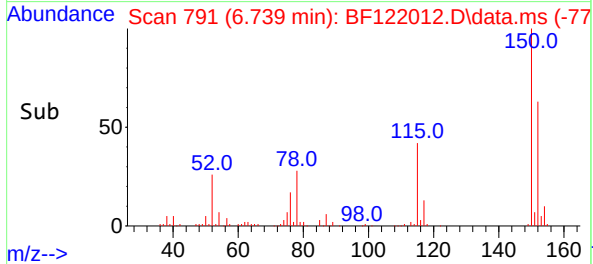




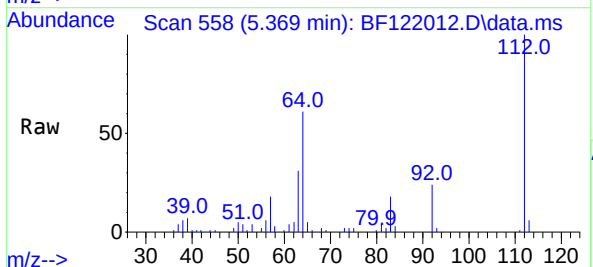
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.739 min Scan# 791
Delta R.T. -0.006 min
Lab File: BF122012.D
Acq: 16 Oct 2020 15:42



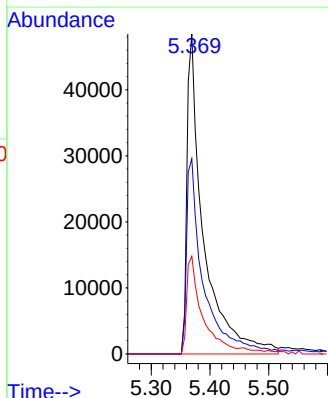
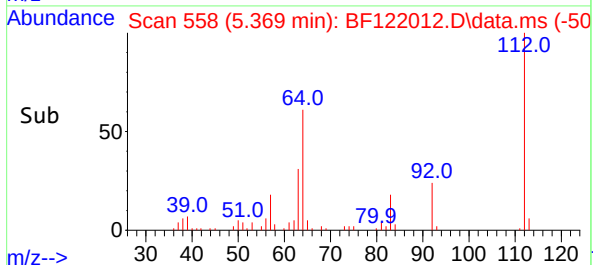
Tgt Ion:152 Resp: 104045
Ion Ratio Lower Upper
152 100
150 158.1 125.3 187.9
115 65.6 51.9 77.9



#5
2-Fluorophenol
Concen: 13.34 ng
RT: 5.369 min Scan# 558
Delta R.T. 0.006 min
Lab File: BF122012.D
Acq: 16 Oct 2020 15:42



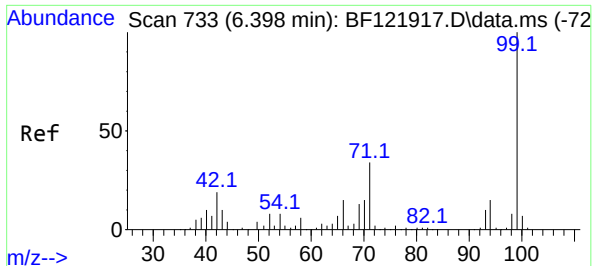
Tgt Ion:112 Resp: 94064
Ion Ratio Lower Upper
112 100
64 61.0 50.4 75.6
63 30.6 25.8 38.6



Instrument :
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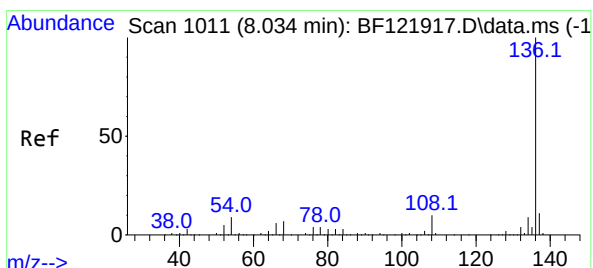
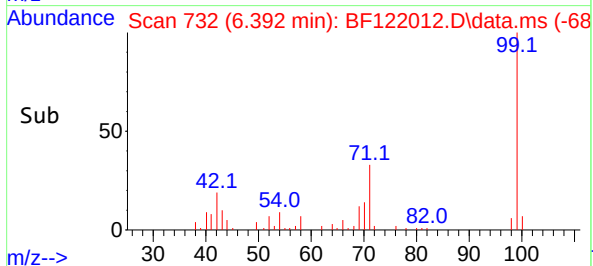
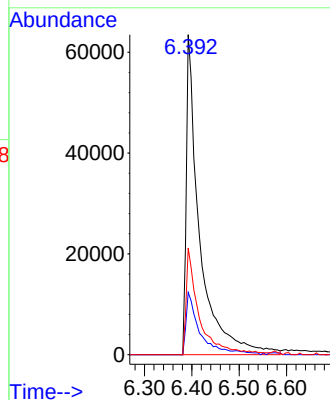
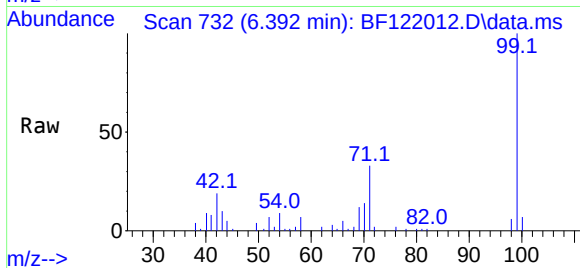
#7
Phenol-d6
Concen: 13.79 ng
RT: 6.392 min Scan# 732
Delta R.T. 0.000 min
Lab File: BF122012.D
Acq: 16 Oct 2020 15:42

Tgt Ion: 99 Resp: 125110
Ion Ratio Lower Upper
99 100
42 19.4 15.9 23.9
71 33.4 27.1 40.7

Instrument :
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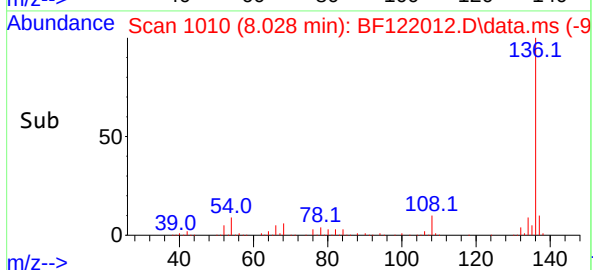
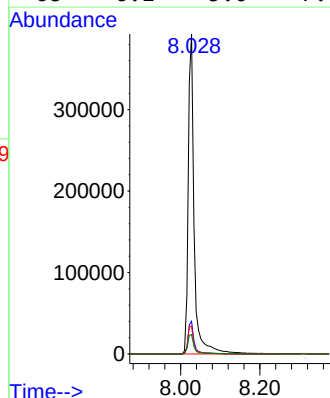
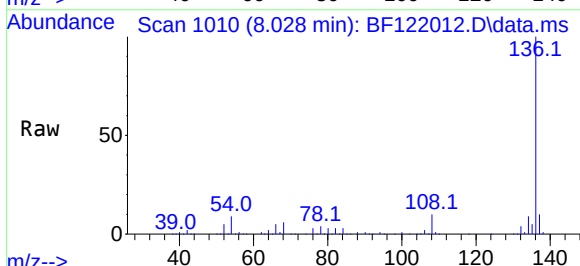
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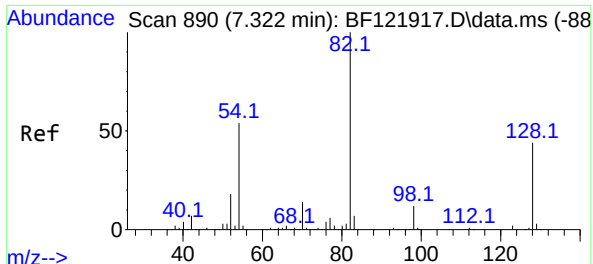
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#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.028 min Scan# 1010
Delta R.T. 0.000 min
Lab File: BF122012.D
Acq: 16 Oct 2020 15:42

Tgt Ion: 136 Resp: 409963
Ion Ratio Lower Upper
136 100
137 10.2 8.6 13.0
54 8.7 7.1 10.7
68 6.1 5.0 7.4





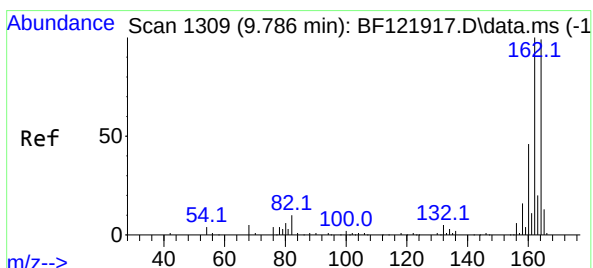
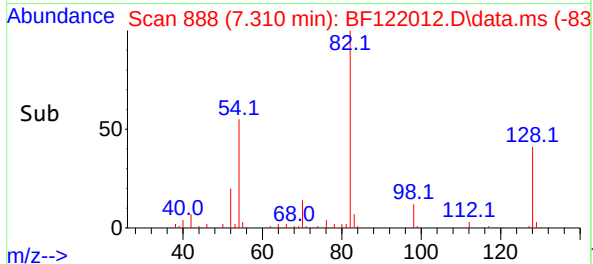
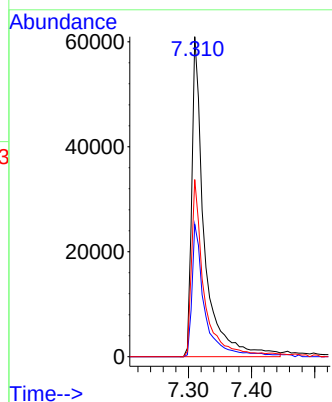
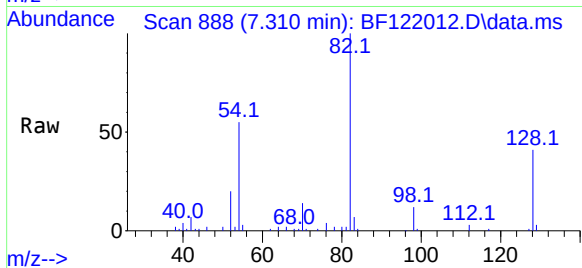
#23
Nitrobenzene-d5
Concen: 10.63 ng
RT: 7.310 min Scan# 888
Delta R.T. -0.006 min
Lab File: BF122012.D
Acq: 16 Oct 2020 15:42

Tgt Ion: 82 Resp: 84975
Ion Ratio Lower Upper
82 100
128 41.3 35.0 52.4
54 55.3 43.9 65.9

Instrument :
BNA_F
ClientSampleId :
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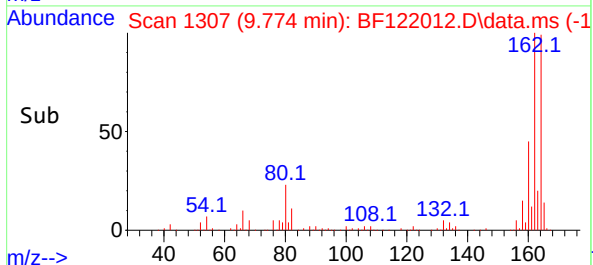
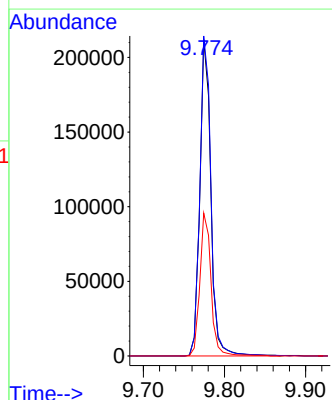
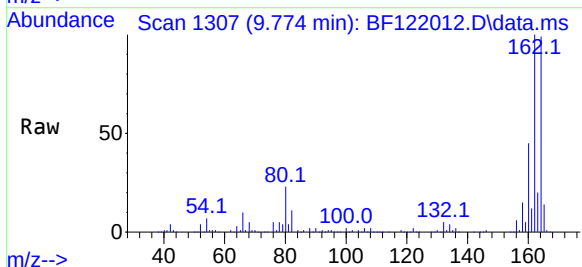
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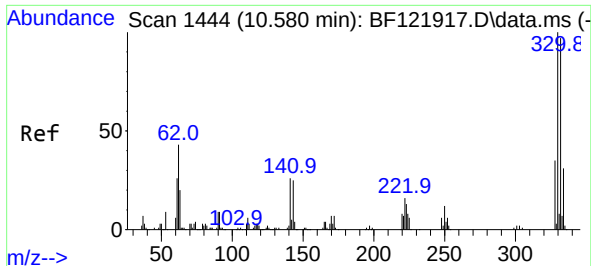
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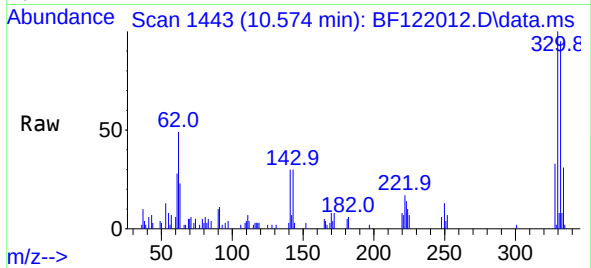
#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.774 min Scan# 1307
Delta R.T. -0.006 min
Lab File: BF122012.D
Acq: 16 Oct 2020 15:42

Tgt Ion:164 Resp: 199917
Ion Ratio Lower Upper
164 100
162 101.2 83.2 124.8
160 45.2 37.5 56.3

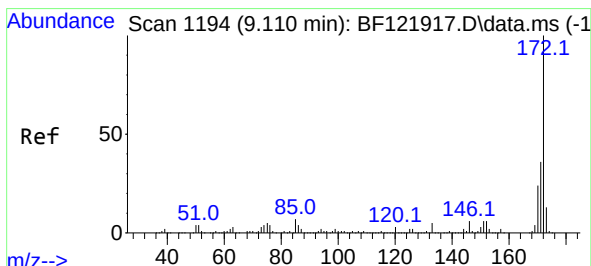
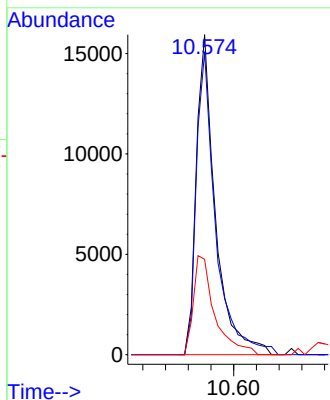
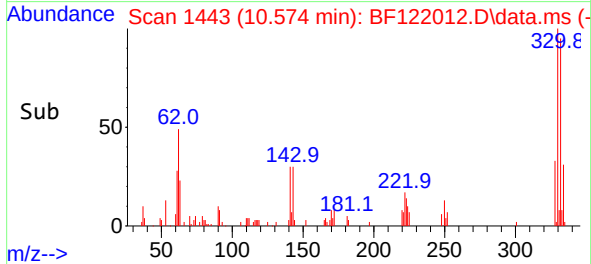




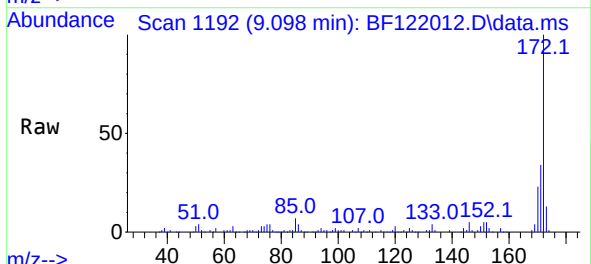
#42
2,4,6-Tribromophenol
Concen: 7.54 ng
RT: 10.574 min Scan# 1443
Delta R.T. 0.000 min
Lab File: BF122012.D
Acq: 16 Oct 2020 15:42



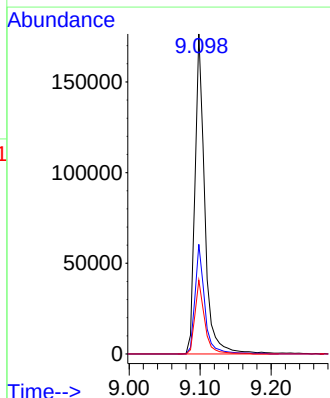
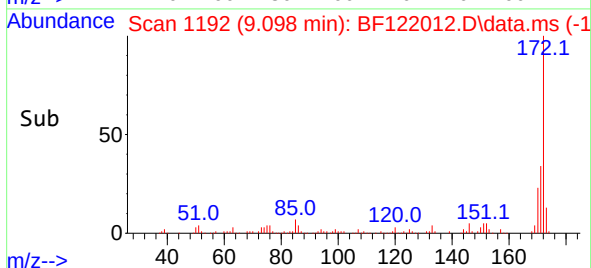
Tgt Ion: 330 Resp: 18658
Ion Ratio Lower Upper
330 100
332 95.6 77.3 115.9
141 34.3 22.3 33.5#



#45
2-Fluorobiphenyl
Concen: 12.54 ng
RT: 9.098 min Scan# 1192
Delta R.T. -0.006 min
Lab File: BF122012.D
Acq: 16 Oct 2020 15:42



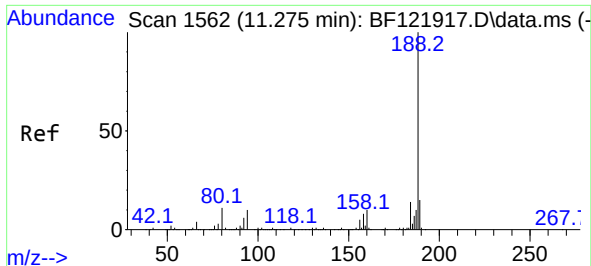
Tgt Ion: 172 Resp: 170390
Ion Ratio Lower Upper
172 100
171 34.3 29.1 43.7
170 23.1 19.8 29.6



Instrument :
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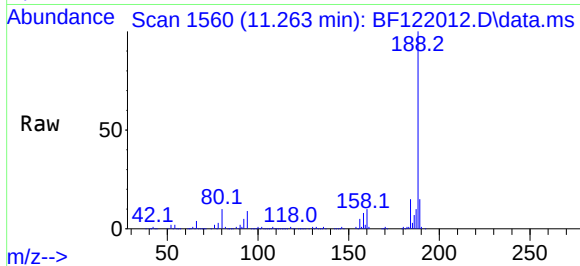
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#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.263 min Scan# 1560
Delta R.T. 0.000 min
Lab File: BF122012.D
Acq: 16 Oct 2020 15:42

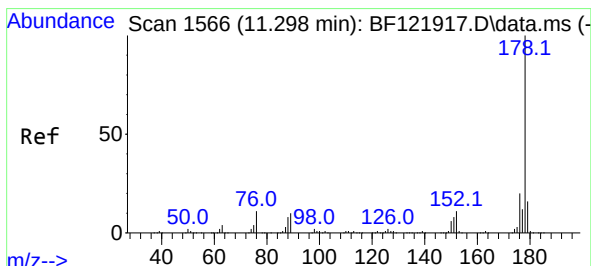
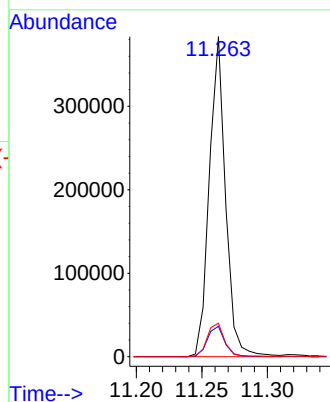
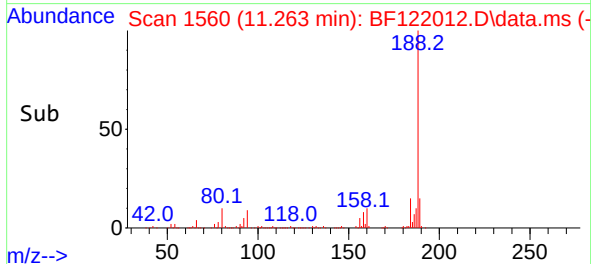
Instrument :
BNA_F
ClientSampleId :
HD-01-101520



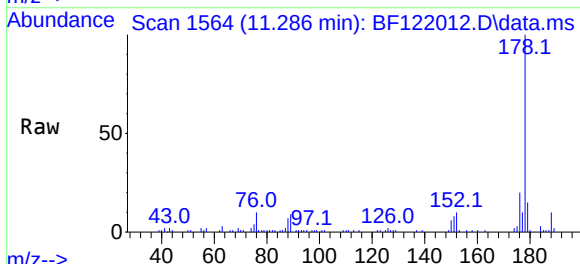
Tgt Ion:188 Resp: 331217
Ion Ratio Lower Upper
188 100
94 9.5 8.3 12.5
80 10.5 9.1 13.7

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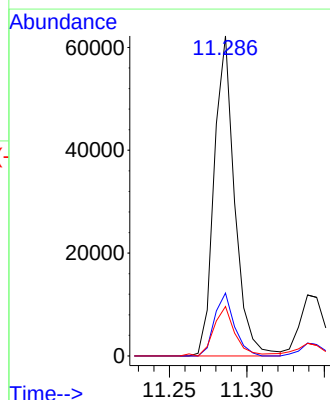
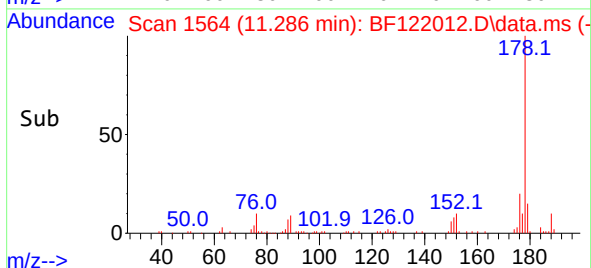
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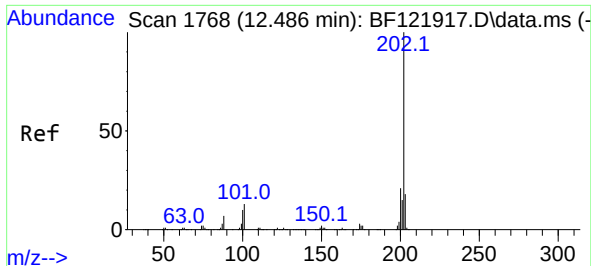


#71
Phenanthrene
Concen: 3.16 ng
RT: 11.286 min Scan# 1564
Delta R.T. -0.006 min
Lab File: BF122012.D
Acq: 16 Oct 2020 15:42



Tgt Ion:178 Resp: 57321
Ion Ratio Lower Upper
178 100
176 19.7 15.9 23.9
179 15.4 12.2 18.4





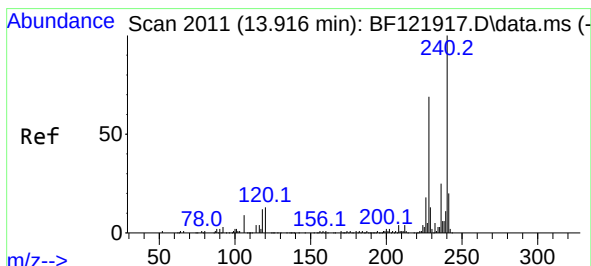
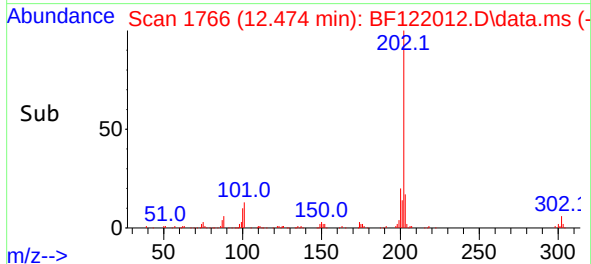
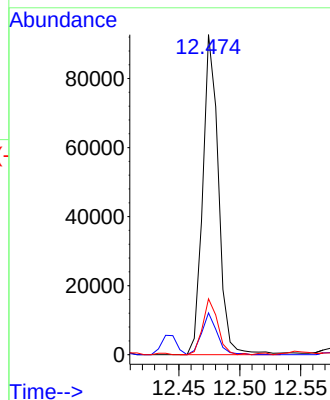
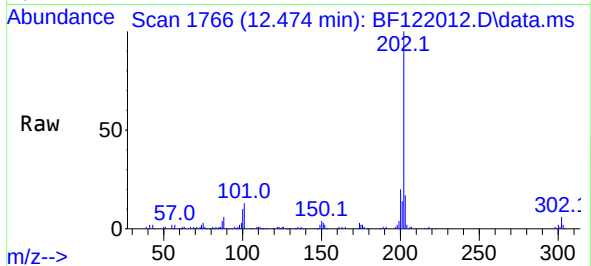
#75
Fluoranthene
Concen: 4.28 ng
RT: 12.474 min Scan# 1766
Delta R.T. -0.006 min
Lab File: BF122012.D
Acq: 16 Oct 2020 15:42

Tgt Ion:	202	Resp:	83394
Ion Ratio	Lower	Upper	
202	100		
101	13.1	0.0	33.4
203	17.5	0.0	37.9

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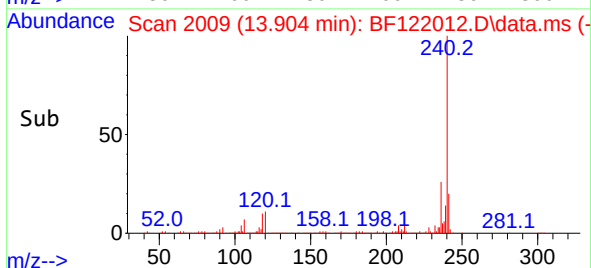
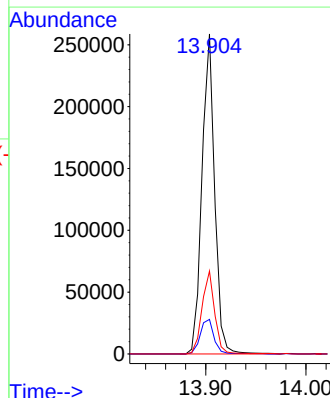
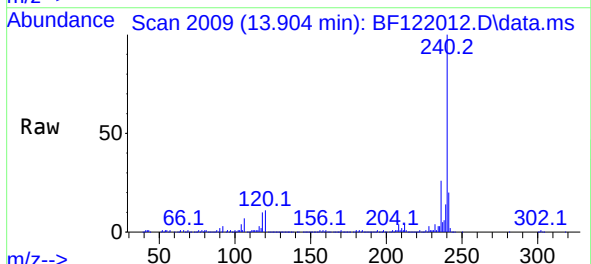
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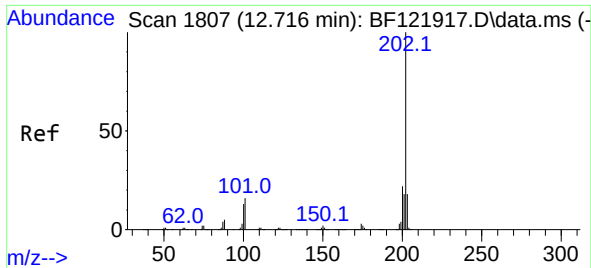
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#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.904 min Scan# 2009
Delta R.T. -0.006 min
Lab File: BF122012.D
Acq: 16 Oct 2020 15:42

Tgt Ion:	240	Resp:	228183
Ion Ratio	Lower	Upper	
240	100		
120	10.8	9.2	13.8
236	25.9	20.9	31.3





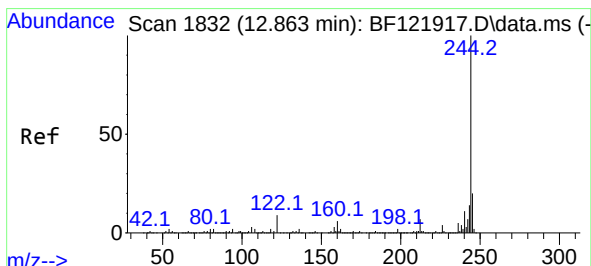
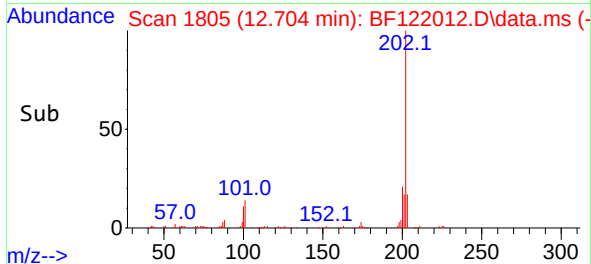
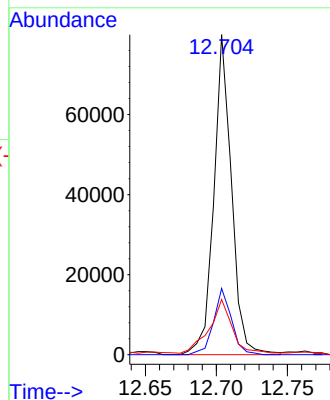
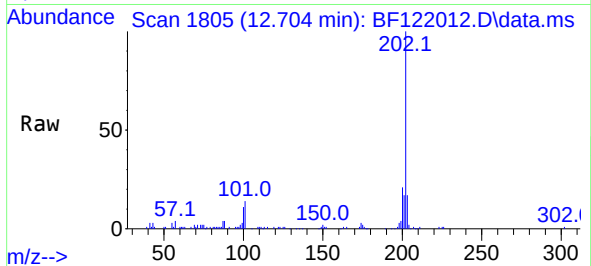
#78
Pyrene
Concen: 3.98 ng
RT: 12.704 min Scan# 1805
Delta R.T. -0.006 min
Lab File: BF122012.D
Acq: 16 Oct 2020 15:42

Tgt Ion:	202	Resp:	69179
Ion Ratio	Lower	Upper	
202	100		
200	20.7	17.4	26.2
203	17.3	14.6	21.8

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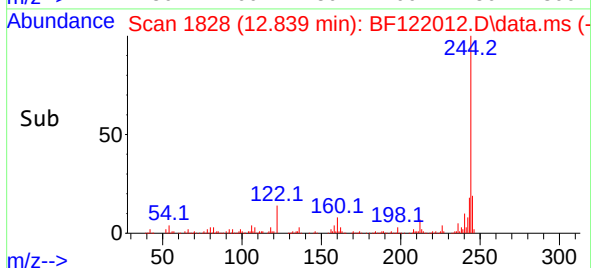
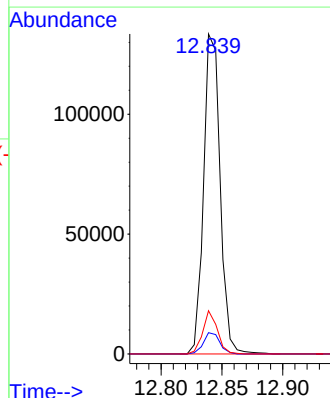
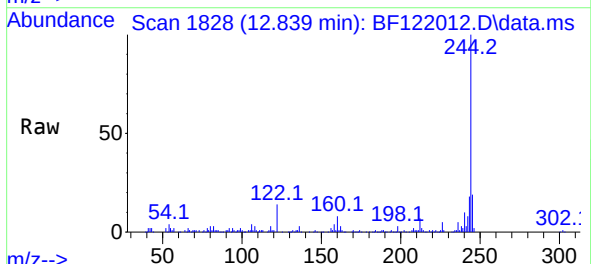
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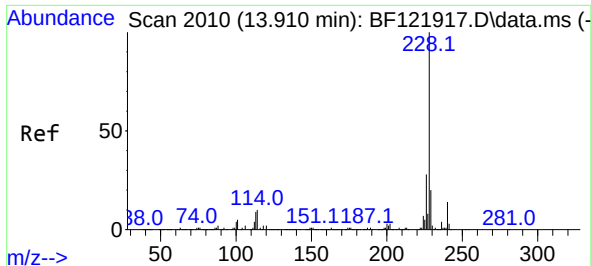
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#79
Terphenyl-d14
Concen: 10.50 ng
RT: 12.839 min Scan# 1828
Delta R.T. -0.012 min
Lab File: BF122012.D
Acq: 16 Oct 2020 15:42

Tgt Ion:	244	Resp:	125680
Ion Ratio	Lower	Upper	
244	100		
212	6.7	5.4	8.2
122	13.5	8.1	12.1#





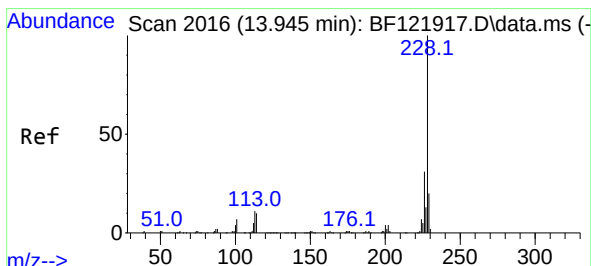
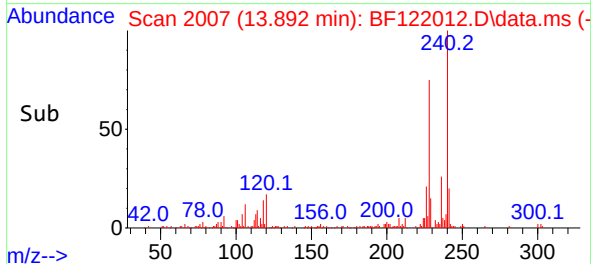
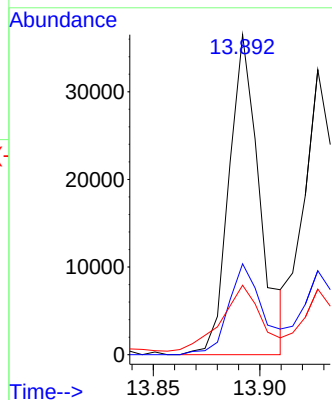
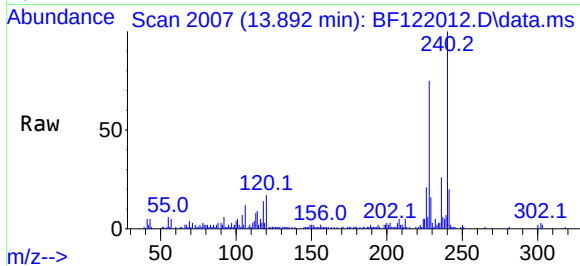
#81
Benzo(a)anthracene
Concen: 2.45 ng
RT: 13.892 min Scan# 2007
Delta R.T. -0.006 min
Lab File: BF122012.D
Acq: 16 Oct 2020 15:42

Tgt Ion:	228	Resp:	36583
Ion Ratio	Lower	Upper	
228	100		
226	28.4	22.3	33.5
229	21.7	16.2	24.4

Instrument :
BNA_F
ClientSampleId :
HD-01-101520

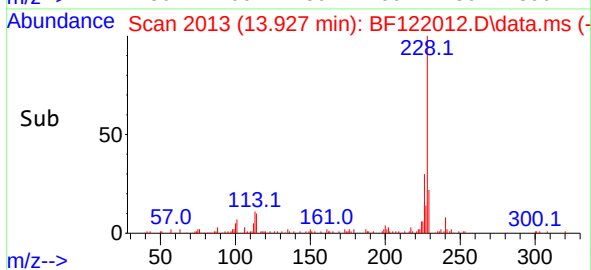
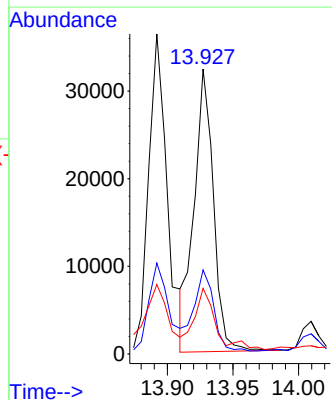
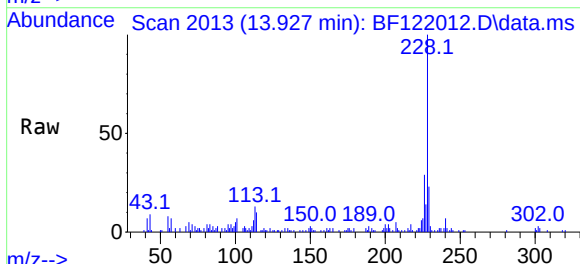
Manual Integrations
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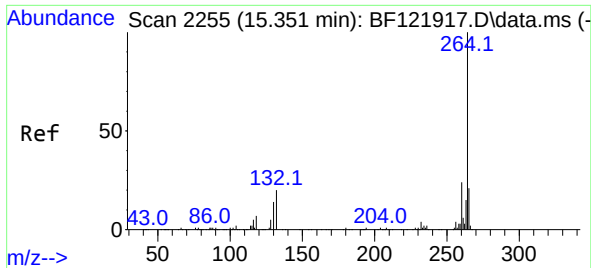
mohammad
10/19/2020 1:23:47 PM



#83
Chrysene
Concen: 2.25 ng
RT: 13.927 min Scan# 2013
Delta R.T. -0.006 min
Lab File: BF122012.D
Acq: 16 Oct 2020 15:42

Tgt Ion:	228	Resp:	33010
Ion Ratio	Lower	Upper	
228	100		
226	29.5	24.6	37.0
229	23.0	15.9	23.9





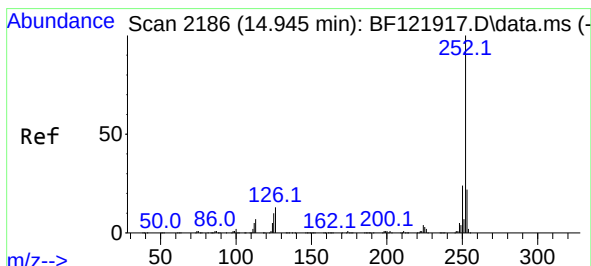
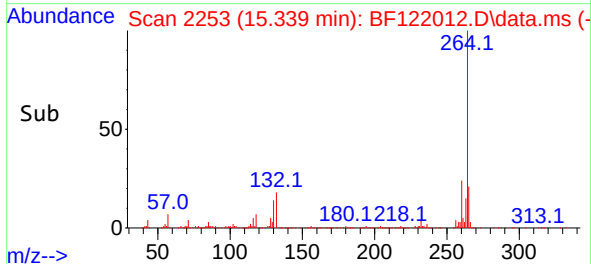
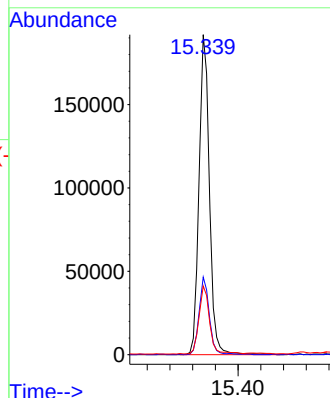
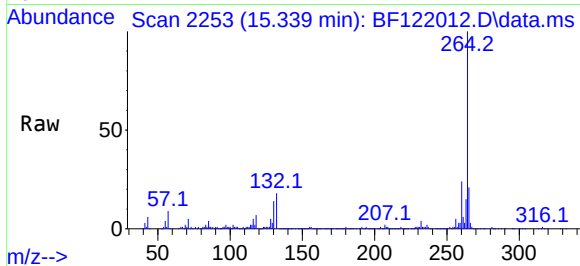
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.339 min Scan# 2253
Delta R.T. 0.000 min
Lab File: BF122012.D
Acq: 16 Oct 2020 15:42

Tgt Ion:264 Resp: 245250
Ion Ratio Lower Upper
264 100
260 24.2 18.7 28.1
265 21.5 17.3 25.9

Instrument :
BNA_F
ClientSampleId :
HD-01-101520

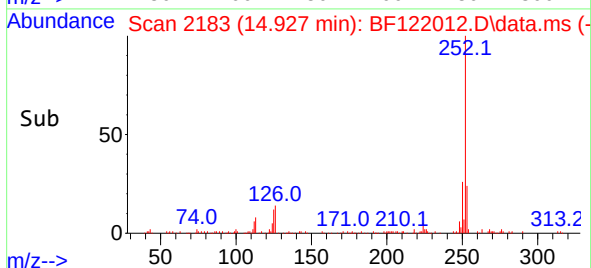
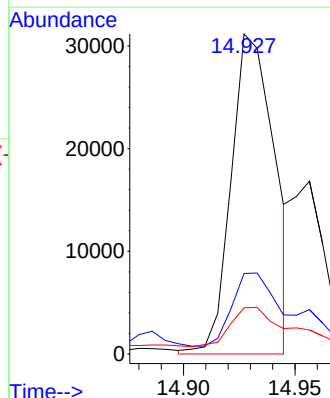
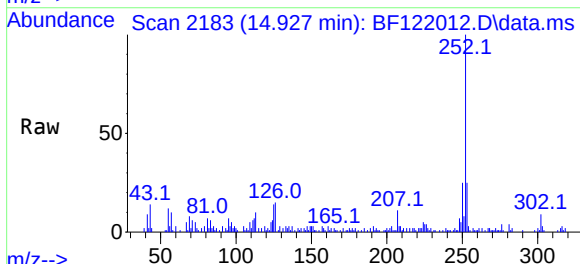
Manual Integrations
APPROVED

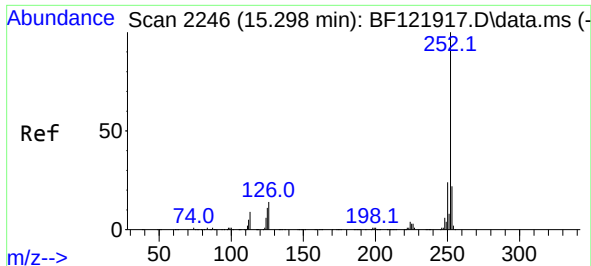
mohammad
10/19/2020 1:23:47 PM



#88
Benzo(b)fluoranthene
Concen: 2.55 ng m
RT: 14.927 min Scan# 2183
Delta R.T. -0.006 min
Lab File: BF122012.D
Acq: 16 Oct 2020 15:42

Tgt Ion:252 Resp: 42236
Ion Ratio Lower Upper
252 100
253 25.2 18.2 27.2
125 14.4 8.0 12.0#





#90
Benzo(a)pyrene
Concen: 2.19 ng
RT: 15.280 min Scan# 2243
Delta R.T. -0.006 min
Lab File: BF122012.D
Acq: 16 Oct 2020 15:42

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.3	25.9
125	14.6	8.6	13.0#

Instrument :
BNA_F
ClientSampleId :
HD-01-101520

Manual Integrations
APPROVED

mohammad
10/19/2020 1:23:47 PM

