

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101320\
 Data File : BF121946.D
 Acq On : 13 Oct 2020 19:18
 Operator : JU/CG
 Sample : L4217-01 2X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HR-01-101220

Manual Integrations
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Quant Time: Oct 14 02:07:26 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 12 16:22:33 2020
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.745	152	104521	20.00	ng	0.00
21) Naphthalene-d8	8.028	136	367376	20.00	ng	0.00
39) Acenaphthene-d10	9.774	164	163559	20.00	ng	-0.01
64) Phenanthrene-d10	11.263	188	283868	20.00	ng	-0.01
76) Chrysene-d12	13.904	240	276874	20.00	ng	-0.01
86) Perylene-d12	15.339	264	278323	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.363	112	273359	38.60	ng	0.00
7) Phenol-d6	6.386	99	341174	37.42	ng	-0.01
23) Nitrobenzene-d5	7.304	82	213274	29.77	ng	-0.02
42) 2,4,6-Tribromophenol	10.569	330	62940	31.11	ng	-0.01
45) 2-Fluorobiphenyl	9.098	172	366980	33.01	ng	-0.01
79) Terphenyl-d14	12.845	244	322804	22.22	ng	-0.02
Target Compounds						Qvalue
50) Dimethylphthalate	9.498	163	35758	2.99	ng	99
71) Phenanthrene	11.286	178	122636	7.88	ng	98
72) Anthracene	11.333	178	34191	2.12	ng	98
75) Fluoranthene	12.474	202	151903	9.10	ng	96
78) Pyrene	12.704	202	136648	6.48	ng	98
81) Benzo(a)anthracene	13.892	228	68696	3.79	ng	98
83) Chrysene	13.927	228	64727	3.63	ng	96
88) Benzo(b)fluoranthene	14.927	252	72539m	3.86	ng	
90) Benzo(a)pyrene	15.280	252	55168	3.40	ng	# 89

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

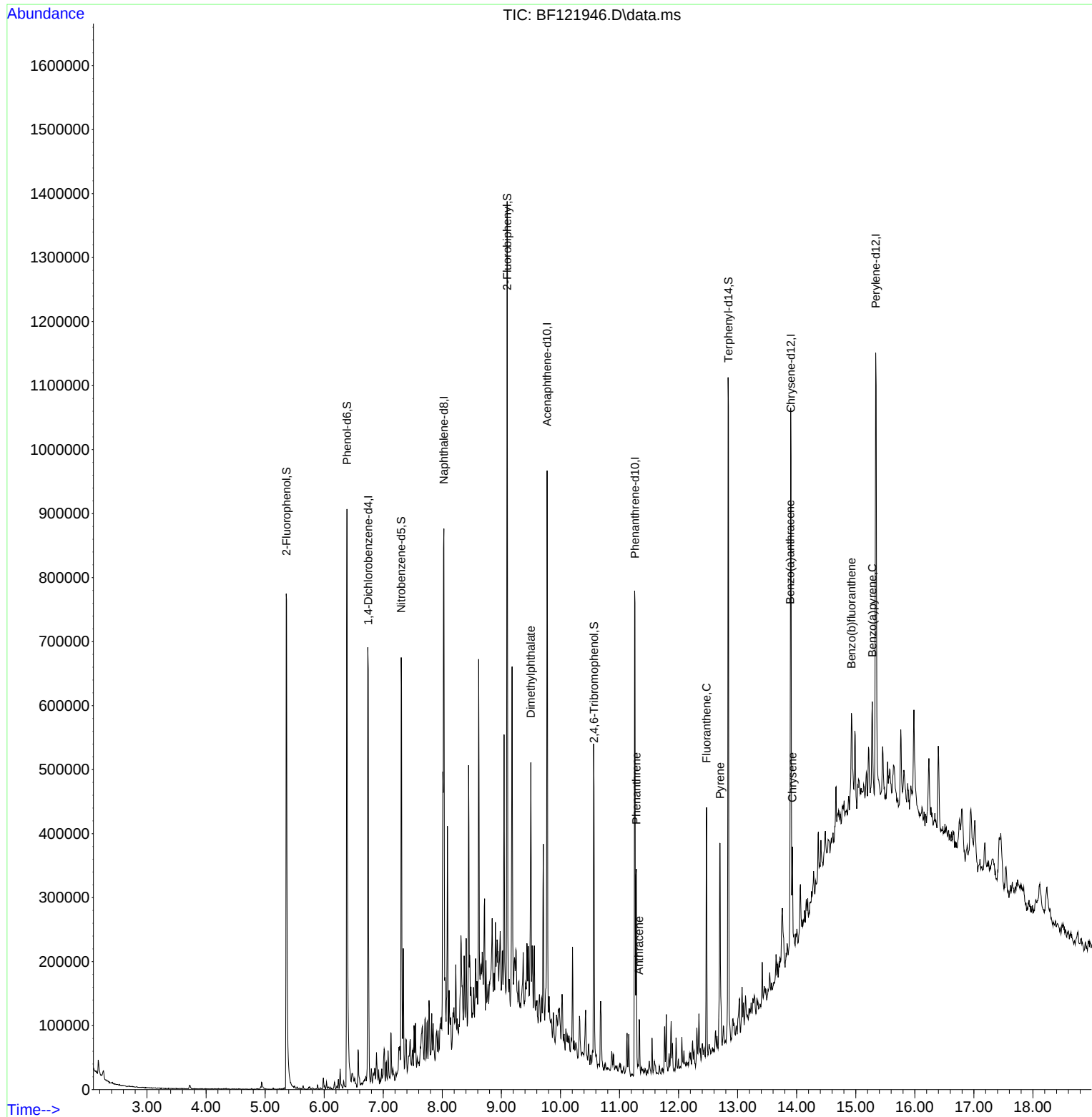
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101320\
Data File : BF121946.D
Acq On : 13 Oct 2020 19:18
Operator : JU/CG
Sample : L4217-01 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

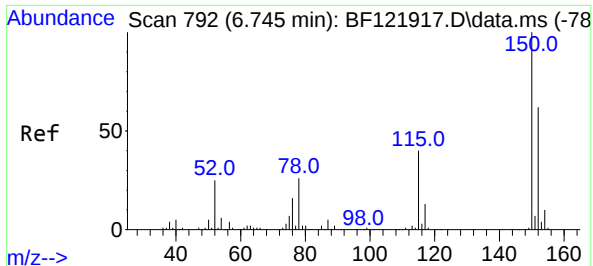
Instrument :
BNA_F
ClientSampleId :
HR-01-101220

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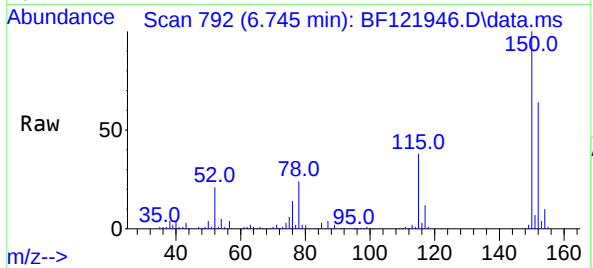
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Quant Time: Oct 14 02:07:26 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration

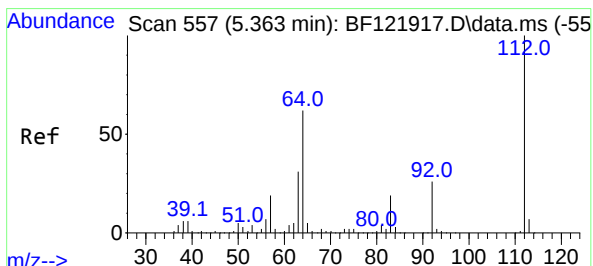
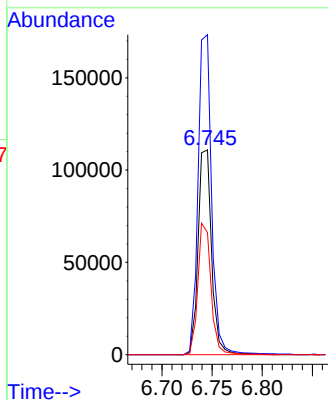
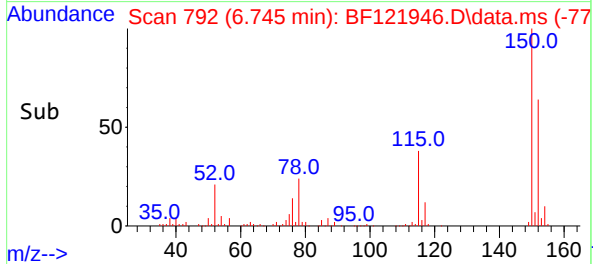




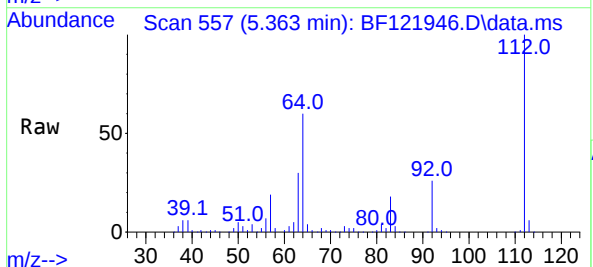
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.745 min Scan# 792
Delta R.T. 0.000 min
Lab File: BF121946.D
Acq: 13 Oct 2020 19:18



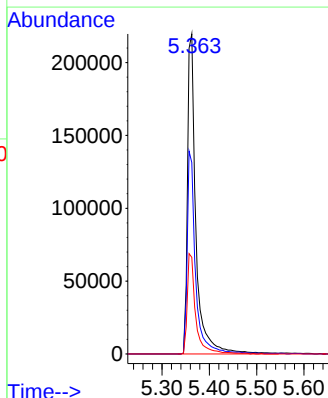
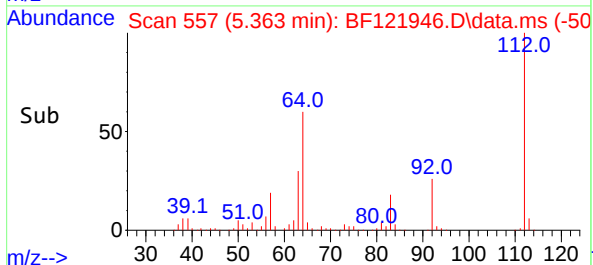
Tgt Ion:152 Resp: 104521
Ion Ratio Lower Upper
152 100
150 156.3 125.3 187.9
115 59.6 51.9 77.9



#5
2-Fluorophenol
Concen: 38.60 ng
RT: 5.363 min Scan# 557
Delta R.T. -0.000 min
Lab File: BF121946.D
Acq: 13 Oct 2020 19:18



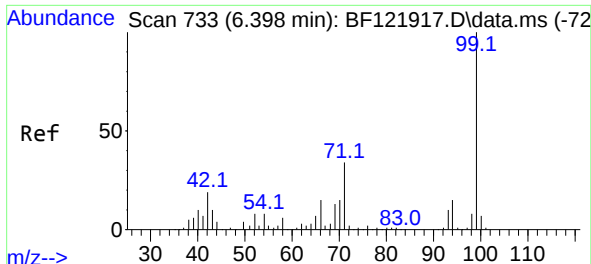
Tgt Ion:112 Resp: 273359
Ion Ratio Lower Upper
112 100
64 59.8 50.4 75.6
63 30.2 25.8 38.6



Instrument :
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ClientSampleId :
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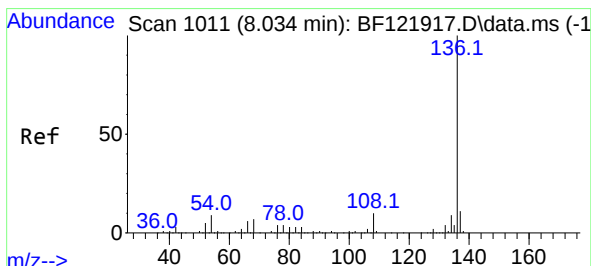
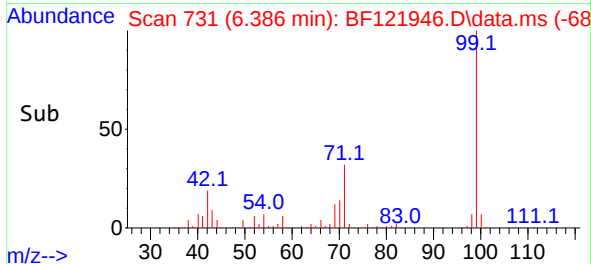
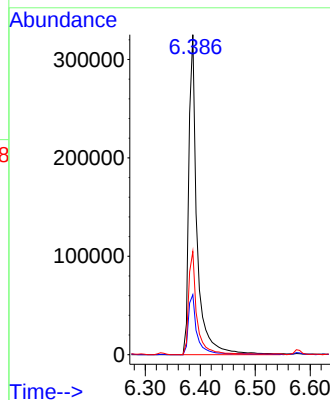
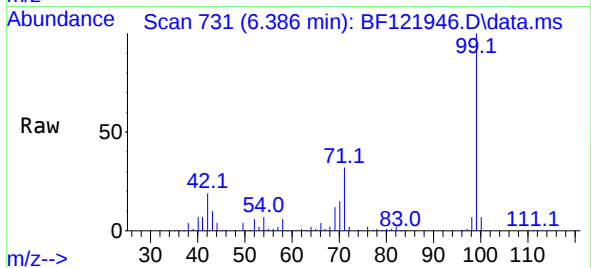
#7
Phenol-d6
Concen: 37.42 ng
RT: 6.386 min Scan# 731
Delta R.T. -0.012 min
Lab File: BF121946.D
Acq: 13 Oct 2020 19:18

Tgt Ion: 99 Resp: 341174
Ion Ratio Lower Upper
99 100
42 18.7 15.9 23.9
71 32.2 27.1 40.7

Instrument :
BNA_F
ClientSampleId :
HR-01-101220

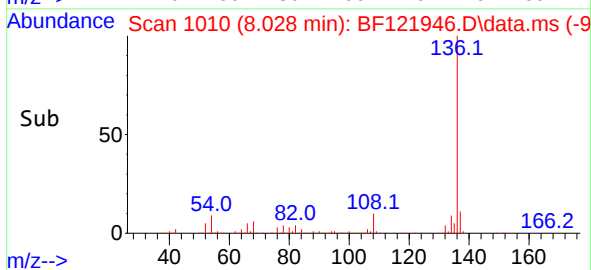
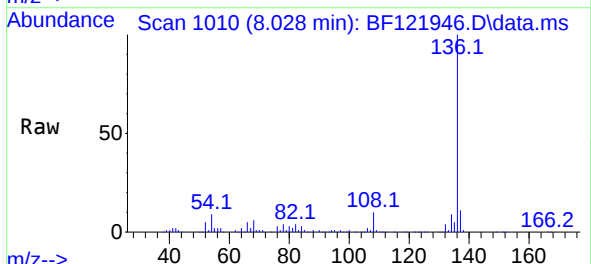
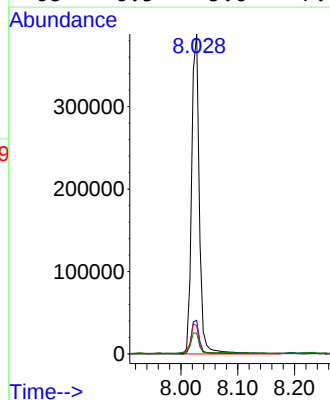
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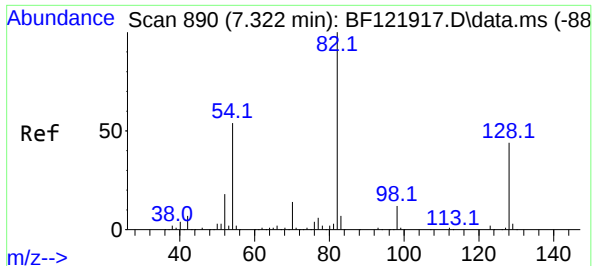
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#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.028 min Scan# 1010
Delta R.T. -0.006 min
Lab File: BF121946.D
Acq: 13 Oct 2020 19:18

Tgt Ion: 136 Resp: 367376
Ion Ratio Lower Upper
136 100
137 10.5 8.6 13.0
54 8.9 7.1 10.7
68 6.5 5.0 7.4





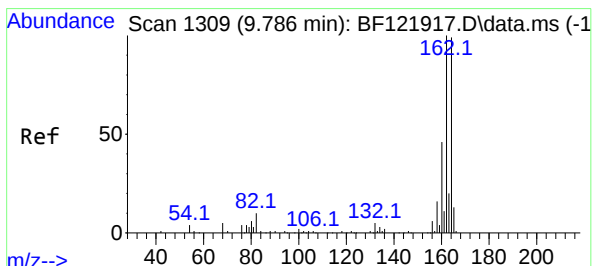
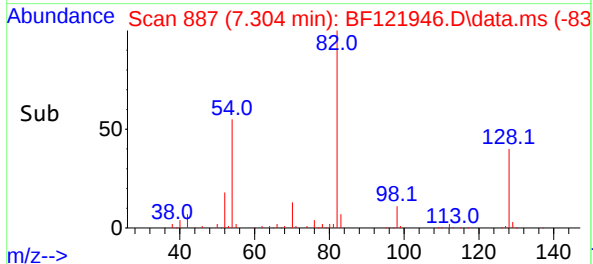
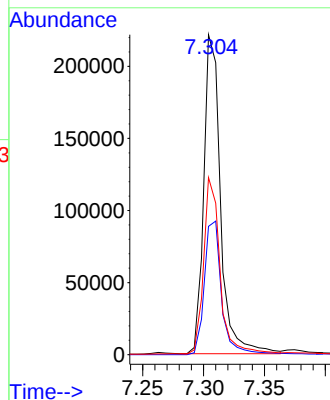
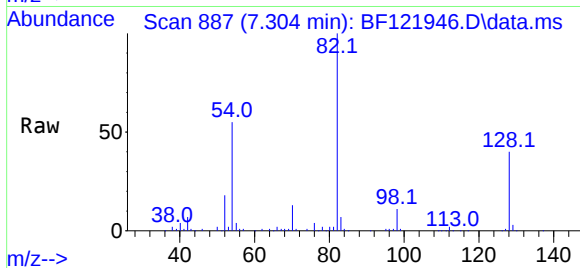
#23
Nitrobenzene-d5
Concen: 29.77 ng
RT: 7.304 min Scan# 887
Delta R.T. -0.018 min
Lab File: BF121946.D
Acq: 13 Oct 2020 19:18

Tgt Ion:	82	Resp:	213274
Ion	Ratio	Lower	Upper
82	100		
128	40.1	35.0	52.4
54	55.4	43.9	65.9

Instrument :
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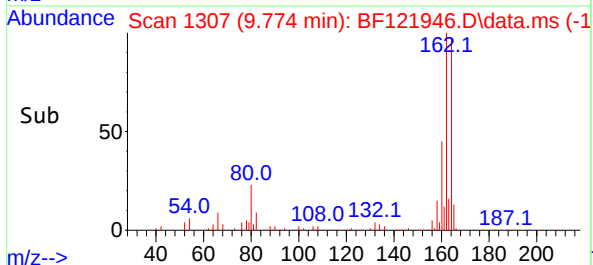
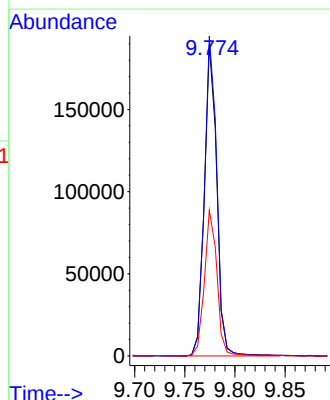
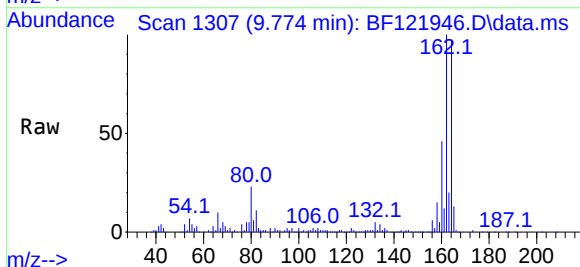
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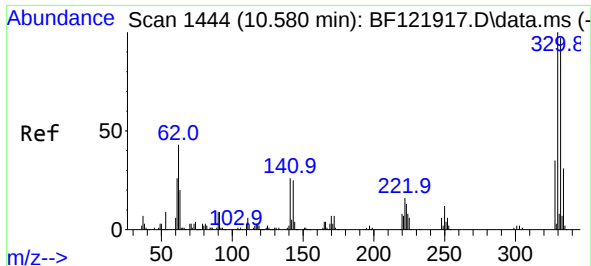
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#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.774 min Scan# 1307
Delta R.T. -0.011 min
Lab File: BF121946.D
Acq: 13 Oct 2020 19:18

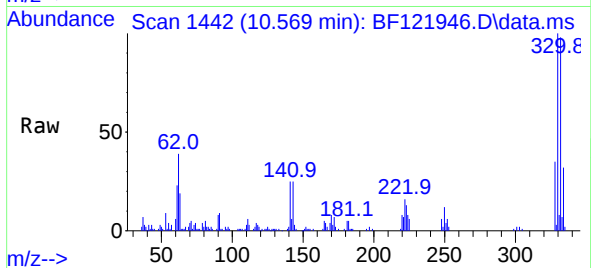
Tgt Ion:	164	Resp:	163559
Ion	Ratio	Lower	Upper
164	100		
162	102.9	83.2	124.8
160	46.9	37.5	56.3





#42
2,4,6-Tribromophenol
Concen: 31.11 ng
RT: 10.569 min Scan# 1442
Delta R.T. -0.012 min
Lab File: BF121946.D
Acq: 13 Oct 2020 19:18

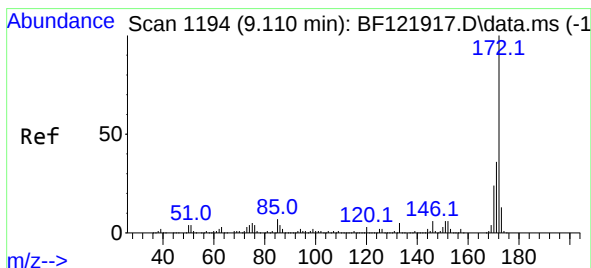
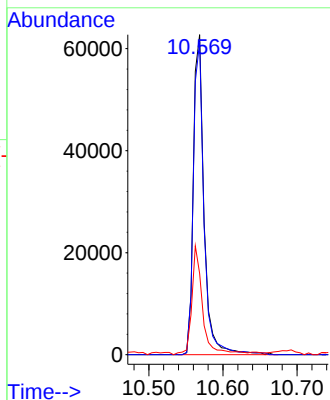
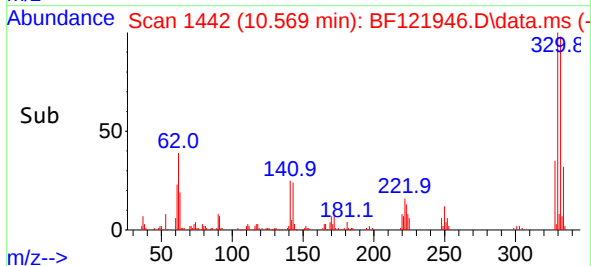
Instrument :
BNA_F
ClientSampleId :
HR-01-101220



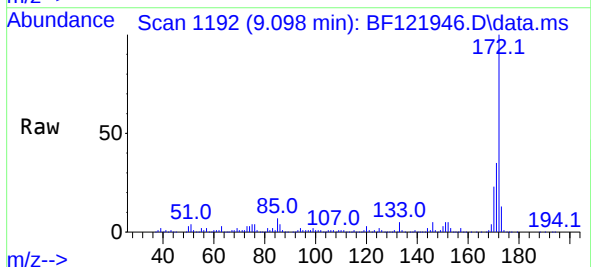
Tgt Ion: 330 Resp: 62940
Ion Ratio Lower Upper
330 100
332 97.3 77.3 115.9
141 34.4 22.3 33.5#

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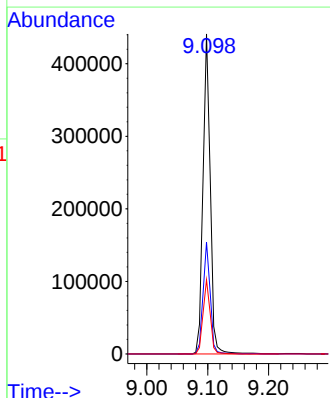
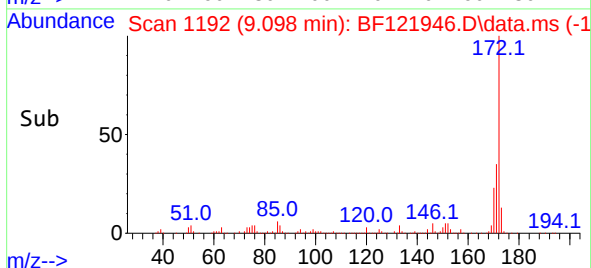
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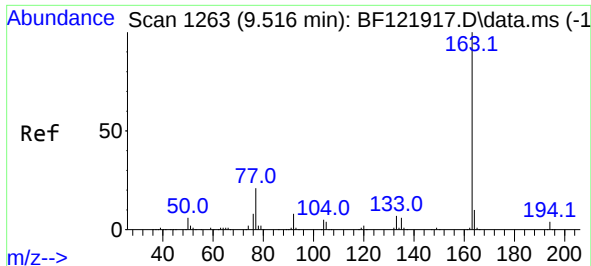


#45
2-Fluorobiphenyl
Concen: 33.01 ng
RT: 9.098 min Scan# 1192
Delta R.T. -0.012 min
Lab File: BF121946.D
Acq: 13 Oct 2020 19:18

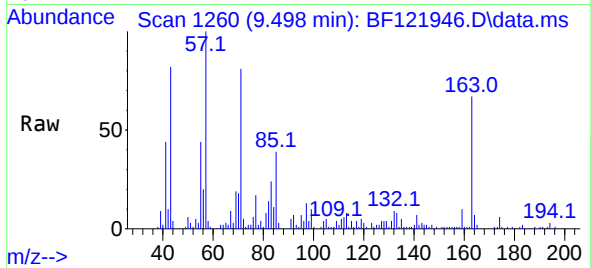


Tgt Ion: 172 Resp: 366980
Ion Ratio Lower Upper
172 100
171 34.9 29.1 43.7
170 23.2 19.8 29.6

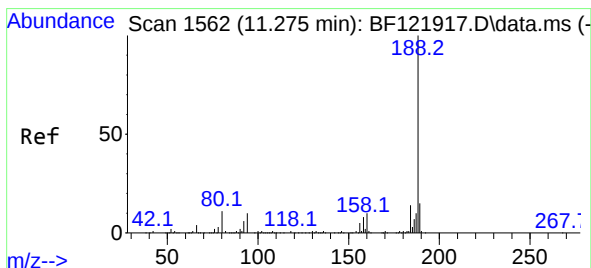
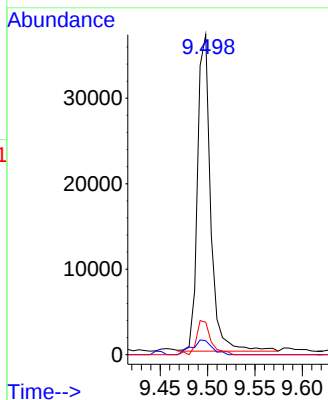
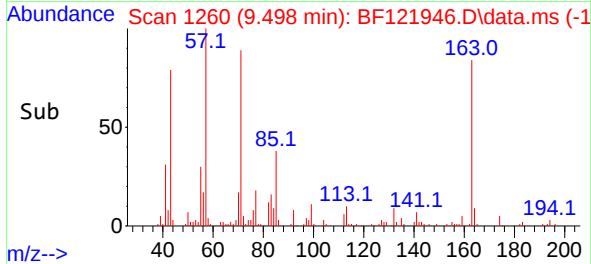




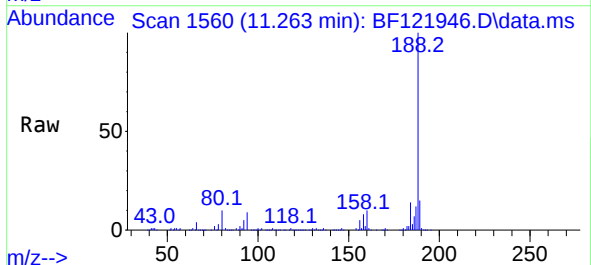
#50
Dimethylphthalate
Concen: 2.99 ng
RT: 9.498 min Scan# 1260
Delta R.T. -0.018 min
Lab File: BF121946.D
Acq: 13 Oct 2020 19:18



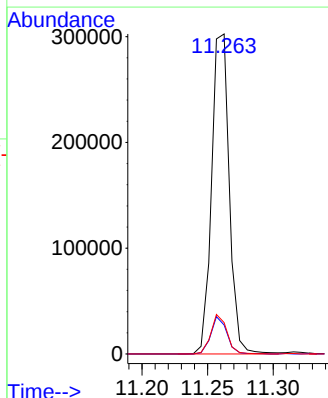
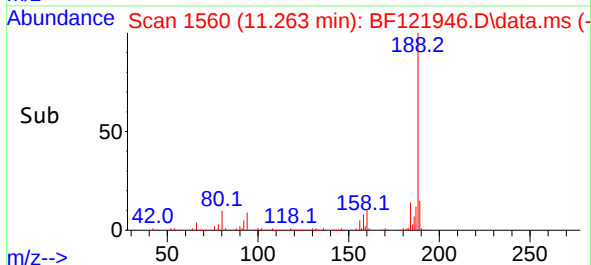
Tgt Ion:163 Resp: 35758
Ion Ratio Lower Upper
163 100
194 4.4 3.3 4.9
164 10.1 8.2 12.4



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.263 min Scan# 1560
Delta R.T. -0.012 min
Lab File: BF121946.D
Acq: 13 Oct 2020 19:18



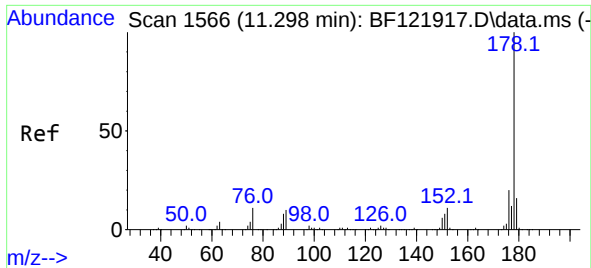
Tgt Ion:188 Resp: 283868
Ion Ratio Lower Upper
188 100
94 9.1 8.3 12.5
80 9.8 9.1 13.7



Instrument :
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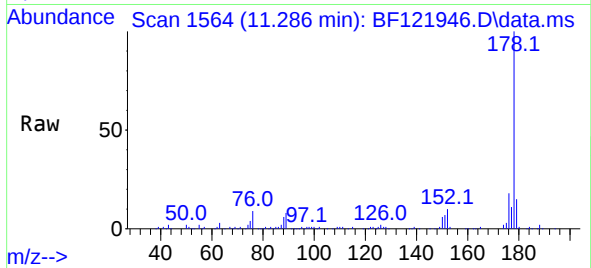
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#71
Phenanthrene
Concen: 7.88 ng
RT: 11.286 min Scan# 1564
Delta R.T. -0.012 min
Lab File: BF121946.D
Acq: 13 Oct 2020 19:18

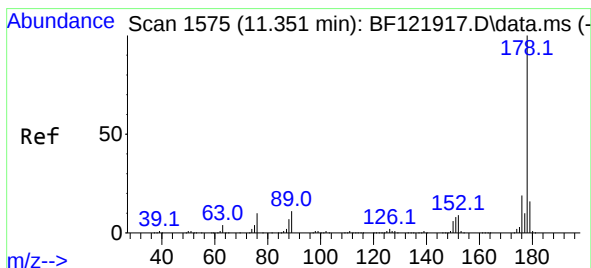
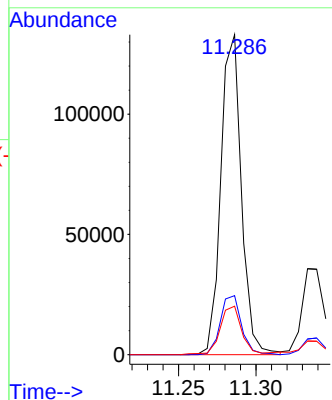
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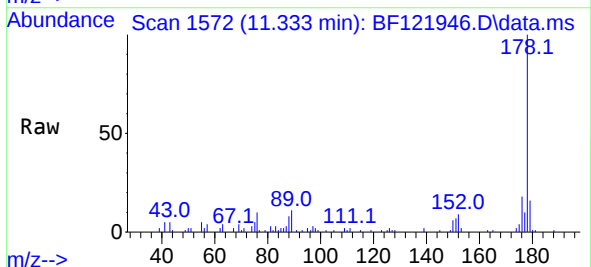
Tgt Ion:178 Resp: 122636
Ion Ratio Lower Upper
178 100
176 18.5 15.9 23.9
179 15.2 12.2 18.4

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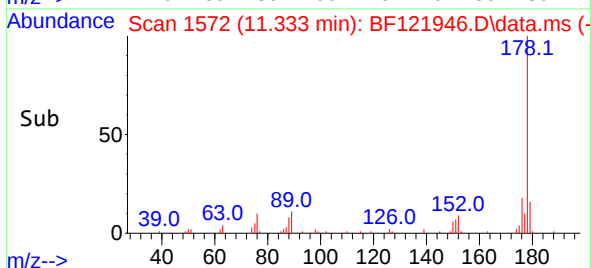
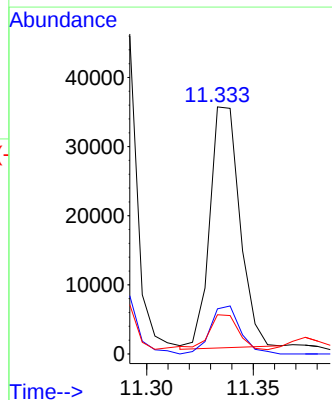
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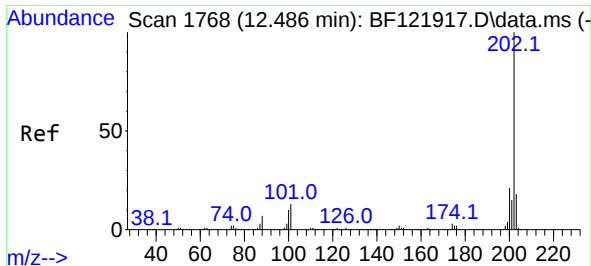


#72
Anthracene
Concen: 2.12 ng
RT: 11.333 min Scan# 1572
Delta R.T. -0.018 min
Lab File: BF121946.D
Acq: 13 Oct 2020 19:18



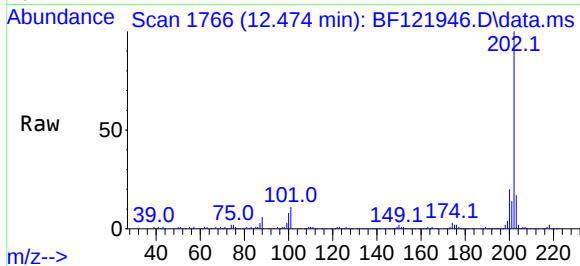
Tgt Ion:178 Resp: 34191
Ion Ratio Lower Upper
178 100
176 18.3 15.7 23.5
179 15.9 12.7 19.1





#75
Fluoranthene
Concen: 9.10 ng
RT: 12.474 min Scan# 1766
Delta R.T. -0.012 min
Lab File: BF121946.D
Acq: 13 Oct 2020 19:18

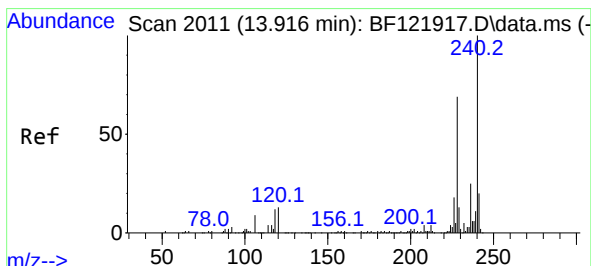
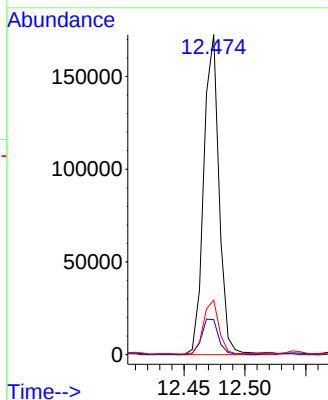
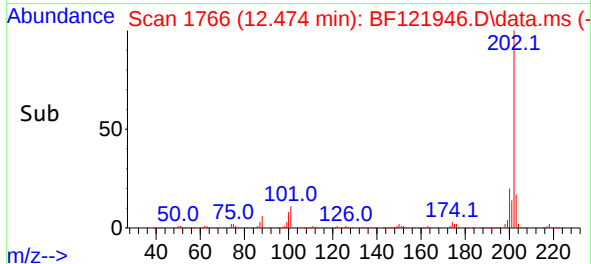
Instrument :
BNA_F
ClientSampleId :
HR-01-101220



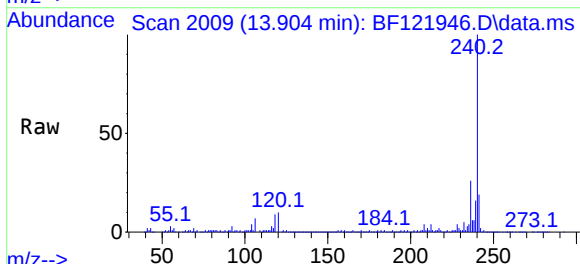
Tgt Ion:202 Resp: 151903
Ion Ratio Lower Upper
202 100
101 11.0 0.0 33.4
203 17.1 0.0 37.9

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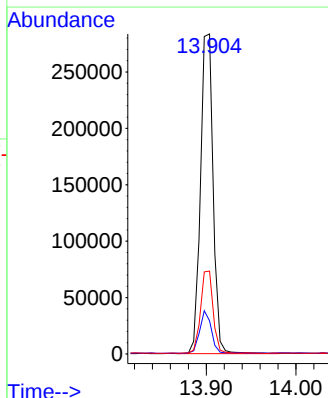
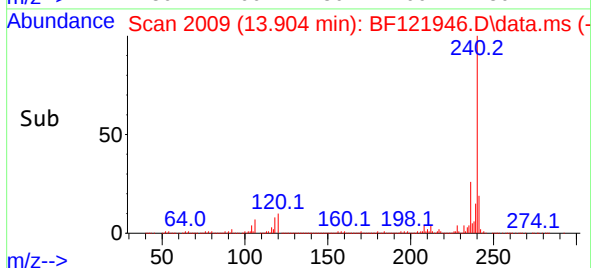
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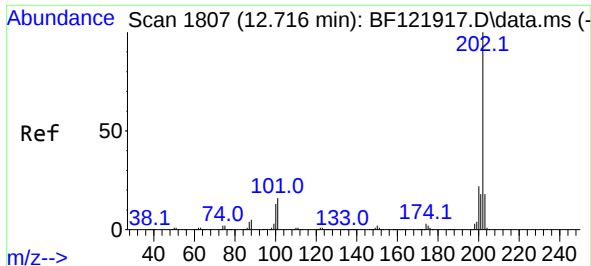


#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.904 min Scan# 2009
Delta R.T. -0.012 min
Lab File: BF121946.D
Acq: 13 Oct 2020 19:18



Tgt Ion:240 Resp: 276874
Ion Ratio Lower Upper
240 100
120 10.4 9.2 13.8
236 25.9 20.9 31.3





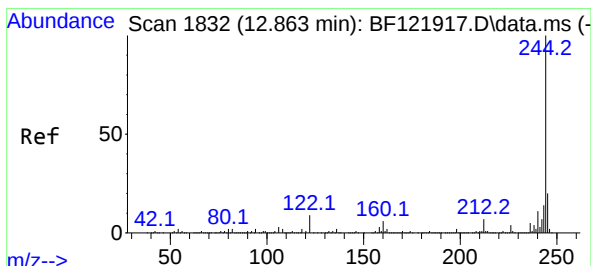
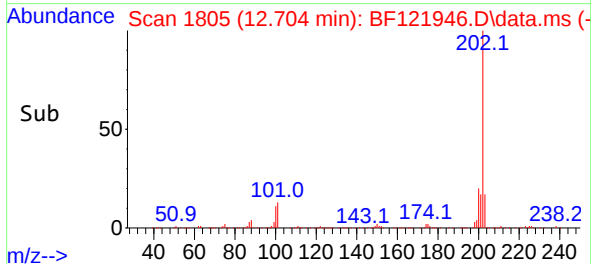
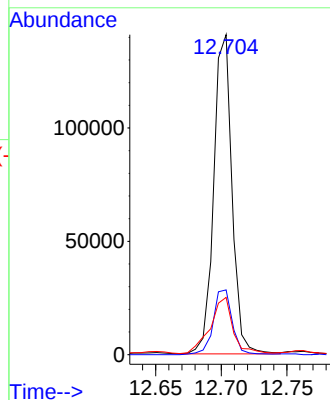
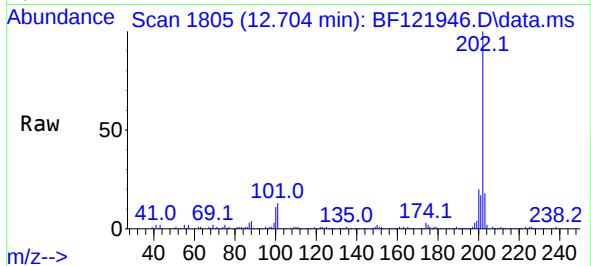
#78
Pyrene
Concen: 6.48 ng
RT: 12.704 min Scan# 1805
Delta R.T. -0.012 min
Lab File: BF121946.D
Acq: 13 Oct 2020 19:18

Tgt Ion:202 Resp: 136648
Ion Ratio Lower Upper
202 100
200 20.3 17.4 26.2
203 17.9 14.6 21.8

Instrument :
BNA_F
ClientSampleId :
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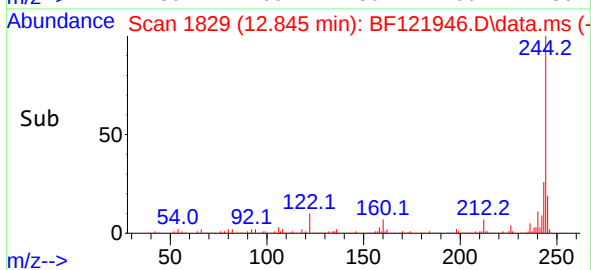
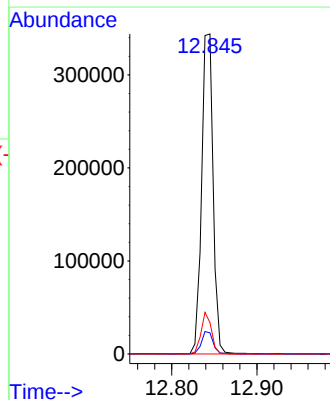
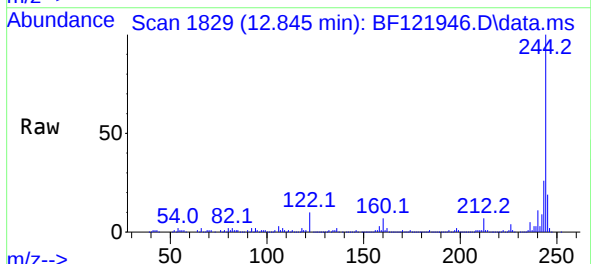
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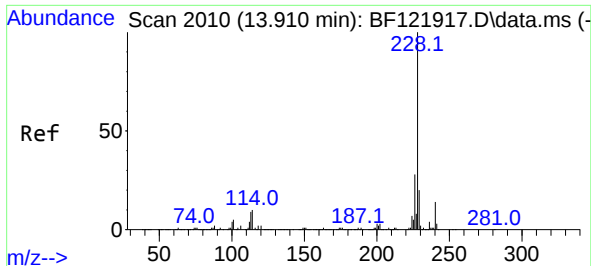
mohammad
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#79
Terphenyl-d14
Concen: 22.22 ng
RT: 12.845 min Scan# 1829
Delta R.T. -0.018 min
Lab File: BF121946.D
Acq: 13 Oct 2020 19:18

Tgt Ion:244 Resp: 322804
Ion Ratio Lower Upper
244 100
212 6.6 5.4 8.2
122 9.8 8.1 12.1





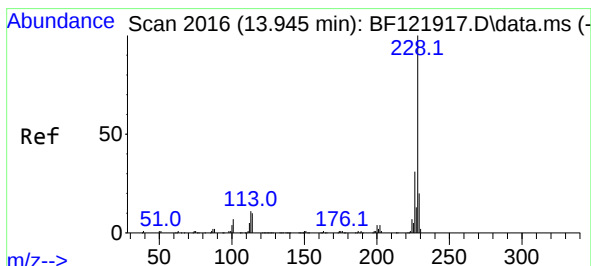
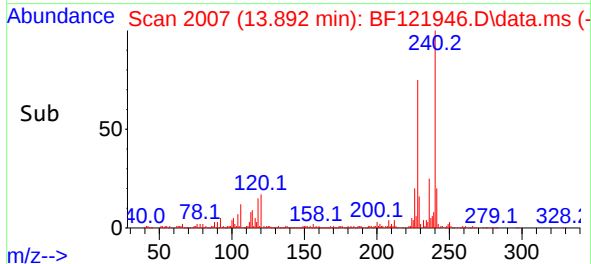
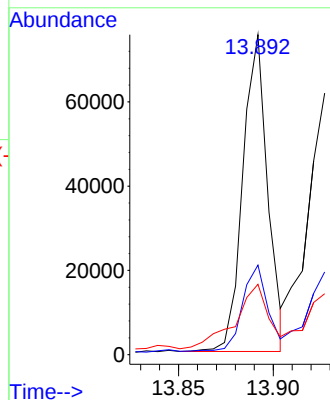
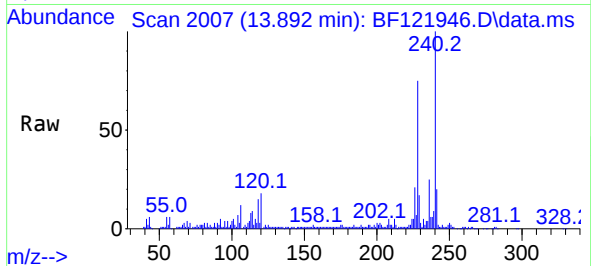
#81
Benzo(a)anthracene
Concen: 3.79 ng
RT: 13.892 min Scan# 2007
Delta R.T. -0.018 min
Lab File: BF121946.D
Acq: 13 Oct 2020 19:18

Tgt Ion:228 Resp: 68696
Ion Ratio Lower Upper
228 100
226 28.0 22.3 33.5
229 22.0 16.2 24.4

Instrument :
BNA_F
ClientSampleId :
HR-01-101220

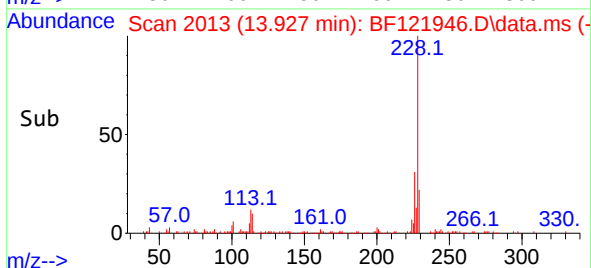
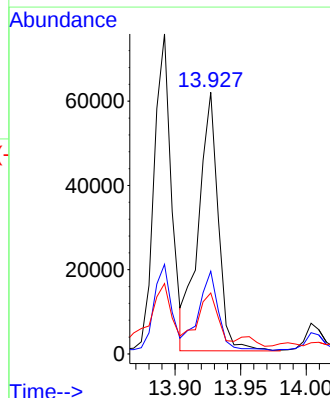
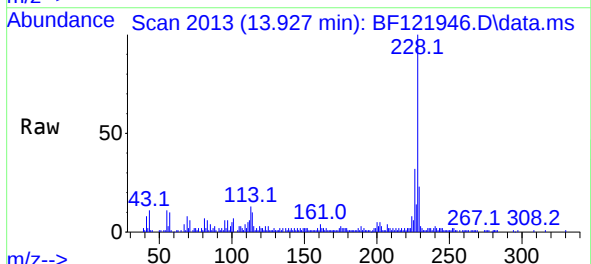
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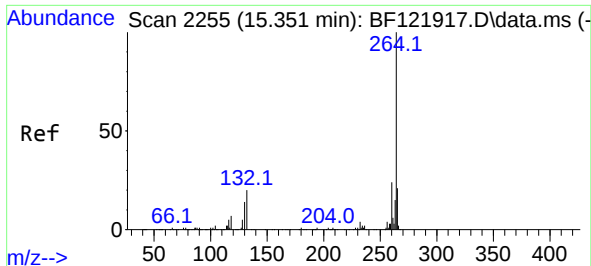
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#83
Chrysene
Concen: 3.63 ng
RT: 13.927 min Scan# 2013
Delta R.T. -0.018 min
Lab File: BF121946.D
Acq: 13 Oct 2020 19:18

Tgt Ion:228 Resp: 64727
Ion Ratio Lower Upper
228 100
226 31.6 24.6 37.0
229 23.3 15.9 23.9





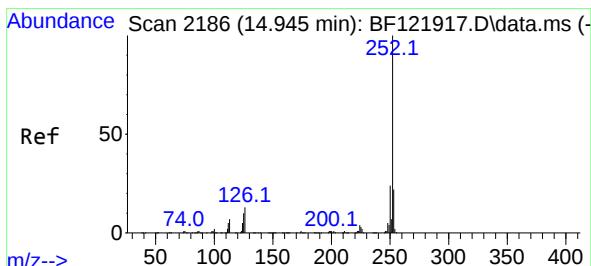
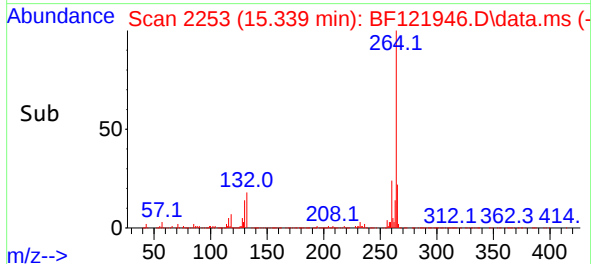
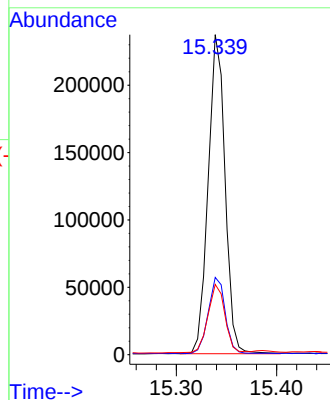
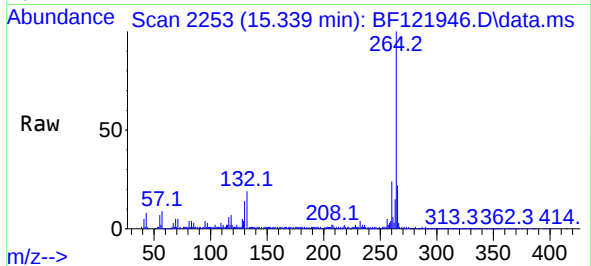
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.339 min Scan# 2253
Delta R.T. -0.012 min
Lab File: BF121946.D
Acq: 13 Oct 2020 19:18

Tgt Ion:264 Resp: 278323
Ion Ratio Lower Upper
264 100
260 24.1 18.7 28.1
265 21.9 17.3 25.9

Instrument :
BNA_F
ClientSampleId :
HR-01-101220

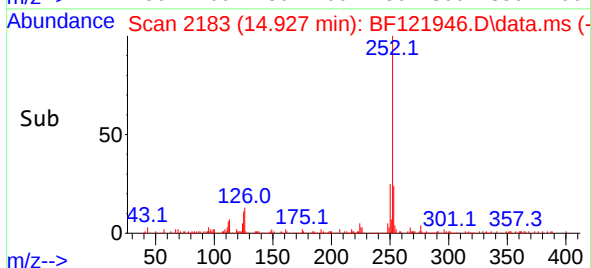
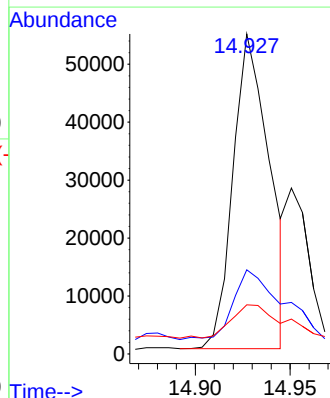
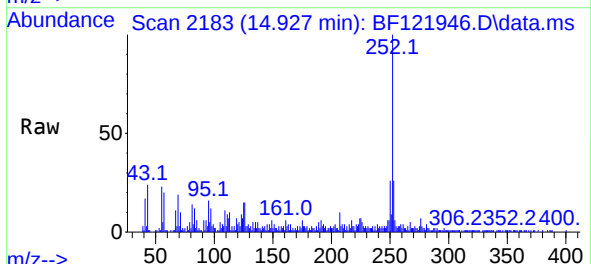
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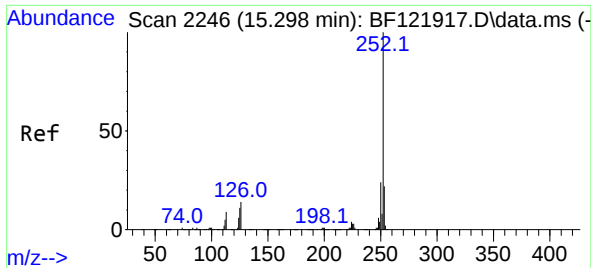
mohammad
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#88
Benzo(b)fluoranthene
Concen: 3.86 ng m
RT: 14.927 min Scan# 2183
Delta R.T. -0.018 min
Lab File: BF121946.D
Acq: 13 Oct 2020 19:18

Tgt Ion:252 Resp: 72539
Ion Ratio Lower Upper
252 100
253 26.3 18.2 27.2
125 15.3 8.0 12.0#





#90
Benzo(a)pyrene
Concen: 3.40 ng
RT: 15.280 min Scan# 2243
Delta R.T. -0.018 min
Lab File: BF121946.D
Acq: 13 Oct 2020 19:18

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.1	17.3	25.9
125	17.6	8.6	13.0

Instrument :
BNA_F
ClientSampleId :
HR-01-101220

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