

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101320\
 Data File : BF121937.D
 Acq On : 13 Oct 2020 14:35
 Operator : JU/CG
 Sample : L4369-06
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HD-3

Manual Integrations
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Quant Time: Oct 13 15:09:40 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : 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	6.740	152	124715	20.00	ng	0.00
21) Naphthalene-d8	8.022	136	481012	20.00	ng	-0.01
39) Acenaphthene-d10	9.775	164	242173	20.00	ng	-0.01
64) Phenanthrene-d10	11.263	188	436706	20.00	ng	-0.01
76) Chrysene-d12	13.898	240	298420	20.00	ng	-0.02
86) Perylene-d12	15.333	264	270620	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.369	112	766199	90.67	ng	0.00
7) Phenol-d6	6.387	99	975537	89.68	ng	-0.01
23) Nitrobenzene-d5	7.310	82	665828	70.99	ng	-0.01
42) 2,4,6-Tribromophenol	10.569	330	279386	93.26	ng	-0.01
45) 2-Fluorobiphenyl	9.098	172	1084160	65.87	ng	-0.01
79) Terphenyl-d14	12.845	244	945813	60.40	ng	-0.02
Target Compounds						Qvalue
50) Dimethylphthalate	9.498	163	122017	6.89	ng	99
71) Phenanthrene	11.280	178	57518	2.40	ng	99
75) Fluoranthene	12.475	202	105885	4.12	ng	98
78) Pyrene	12.704	202	110399	4.85	ng	97
81) Benzo(a)anthracene	13.892	228	47390	2.42	ng	93
83) Chrysene	13.927	228	50371	2.62	ng	99
88) Benzo(b)fluoranthene	14.927	252	62123m	3.40	ng	
90) Benzo(a)pyrene	15.274	252	39873	2.52	ng	# 97
92) Benzo(g,h,i)perylene	17.168	276	34031	2.35	ng	97

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

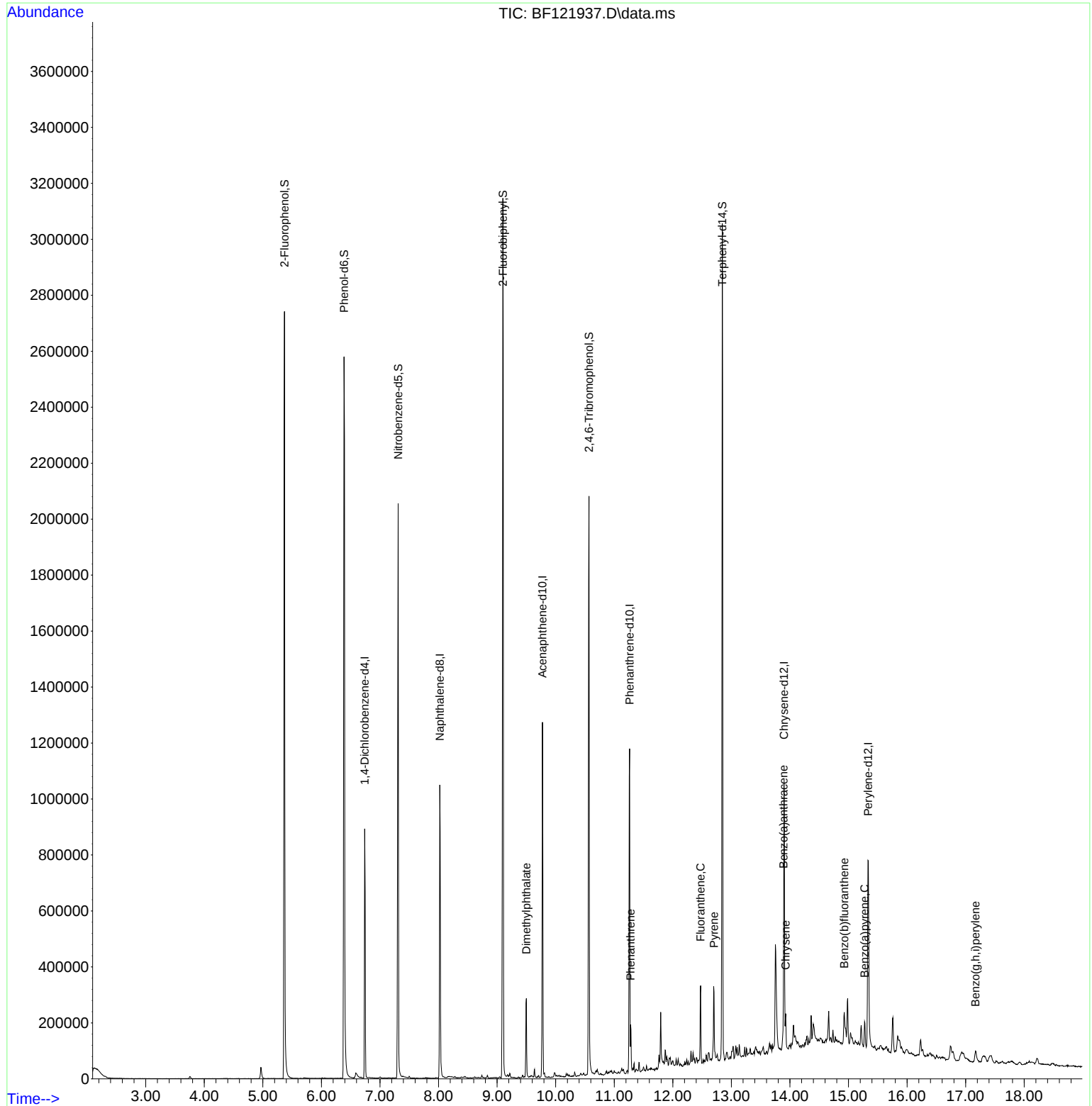
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101320\
Data File : BF121937.D
Acq On : 13 Oct 2020 14:35
Operator : JU/CG
Sample : L4369-06
Misc :
ALS Vial : 5 Sample Multiplier: 1

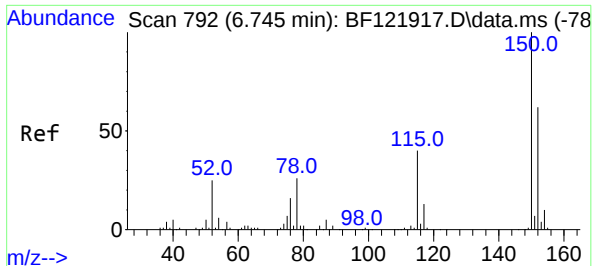
Instrument :
BNA_F
ClientSampleId :
HD-3

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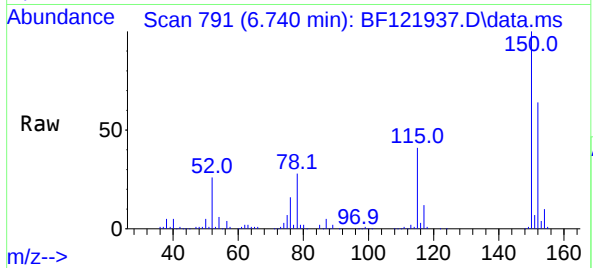
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Quant Time: Oct 13 15:09:40 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 12 16:22:33 2020
Response via : Initial Calibration

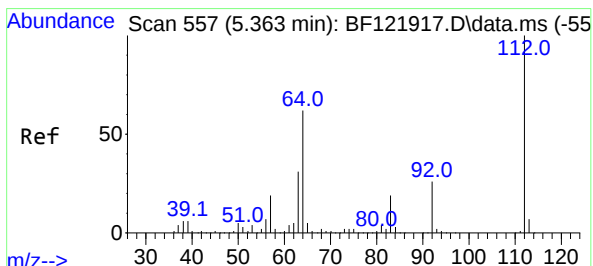
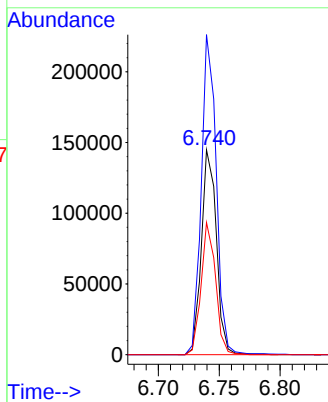
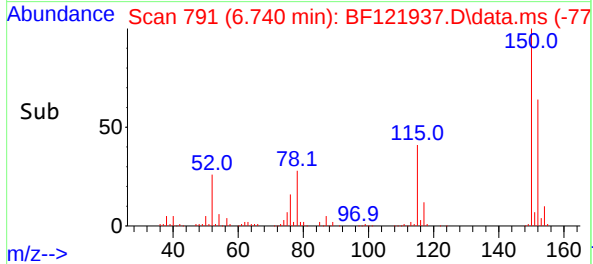




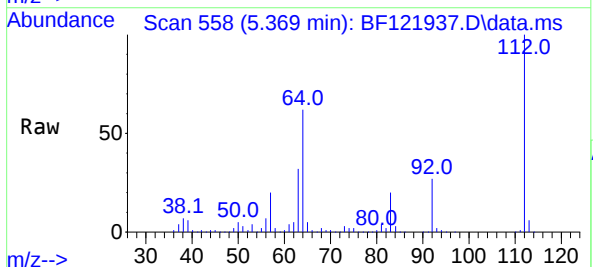
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.740 min Scan# 791
Delta R.T. -0.005 min
Lab File: BF121937.D
Acq: 13 Oct 2020 14:35



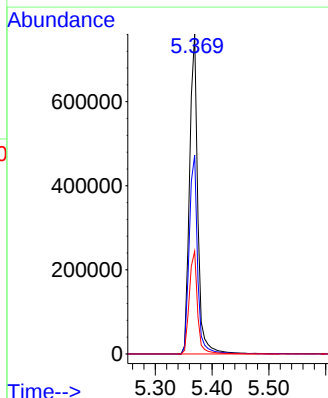
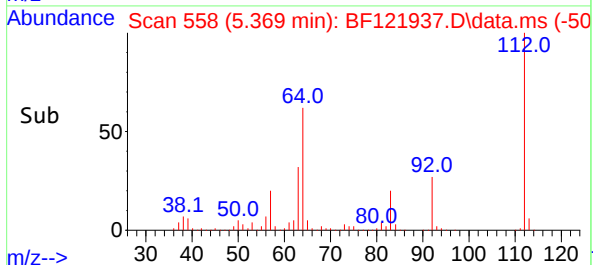
Tgt Ion:152 Resp: 124715
Ion Ratio Lower Upper
152 100
150 156.3 125.3 187.9
115 64.6 51.9 77.9



#5
2-Fluorophenol
Concen: 90.67 ng
RT: 5.369 min Scan# 558
Delta R.T. 0.006 min
Lab File: BF121937.D
Acq: 13 Oct 2020 14:35



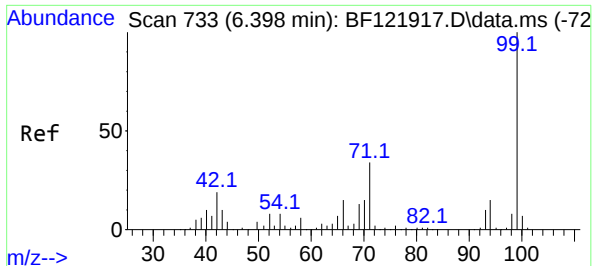
Tgt Ion:112 Resp: 766199
Ion Ratio Lower Upper
112 100
64 62.2 50.4 75.6
63 32.1 25.8 38.6



Instrument :
BNA_F
ClientSampleId :
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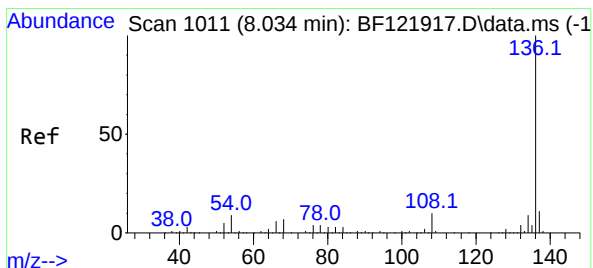
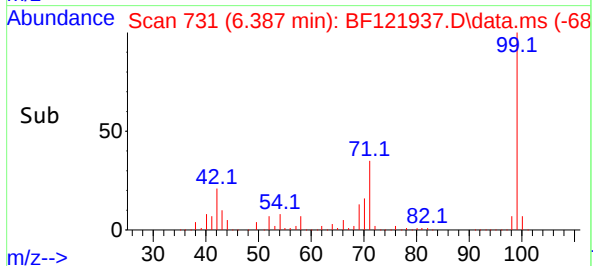
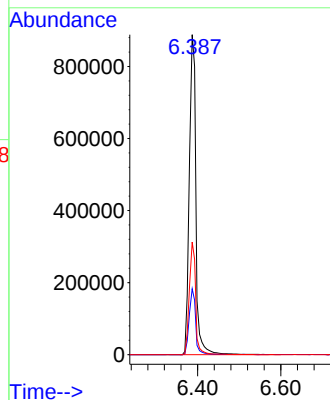
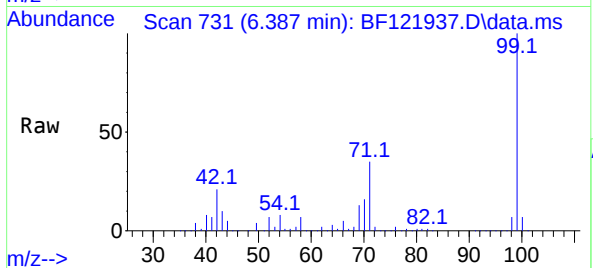
#7
Phenol-d6
Concen: 89.68 ng
RT: 6.387 min Scan# 731
Delta R.T. -0.012 min
Lab File: BF121937.D
Acq: 13 Oct 2020 14:35

Tgt Ion: 99 Resp: 975537
Ion Ratio Lower Upper
99 100
42 20.6 15.9 23.9
71 35.2 27.1 40.7

Instrument :
BNA_F
ClientSampled :
HD-3

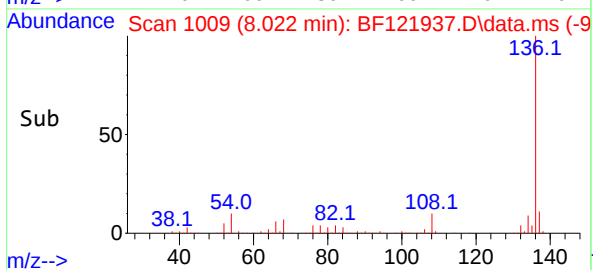
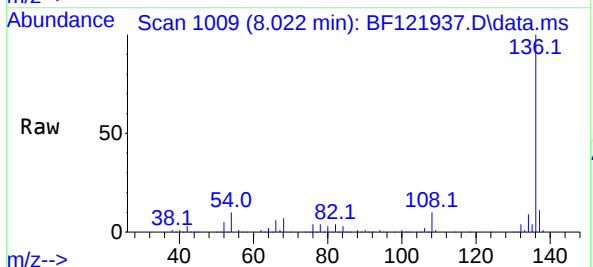
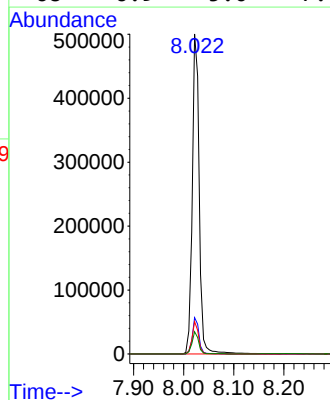
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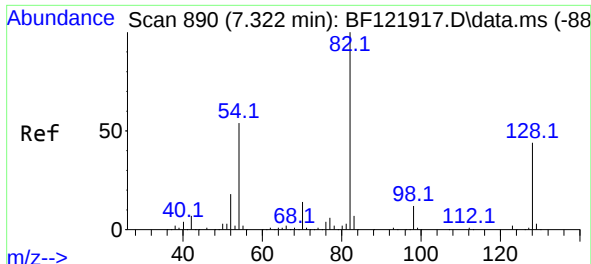
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#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.022 min Scan# 1009
Delta R.T. -0.012 min
Lab File: BF121937.D
Acq: 13 Oct 2020 14:35

Tgt Ion: 136 Resp: 481012
Ion Ratio Lower Upper
136 100
137 11.4 8.6 13.0
54 10.1 7.1 10.7
68 6.9 5.0 7.4





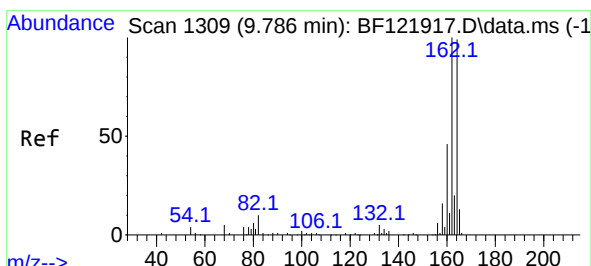
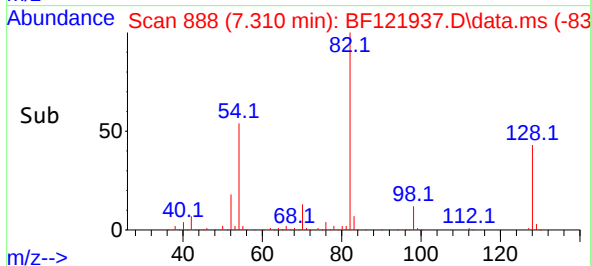
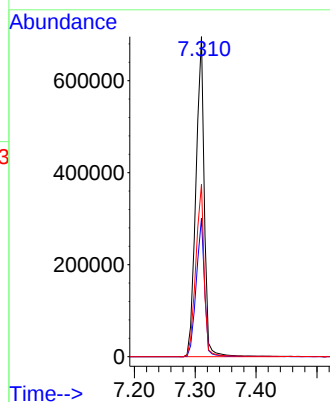
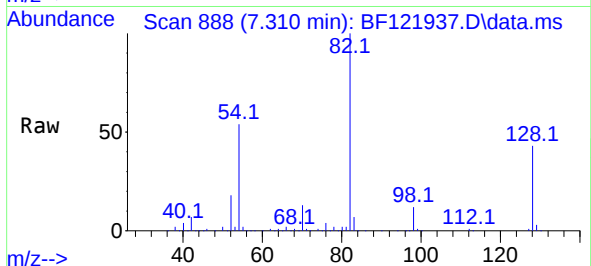
#23
Nitrobenzene-d5
Concen: 70.99 ng
RT: 7.310 min Scan# 888
Delta R.T. -0.012 min
Lab File: BF121937.D
Acq: 13 Oct 2020 14:35

Tgt Ion:	82	Resp:	665828
Ion	Ratio	Lower	Upper
82	100		
128	43.3	35.0	52.4
54	53.9	43.9	65.9

Instrument :
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ClientSampled :
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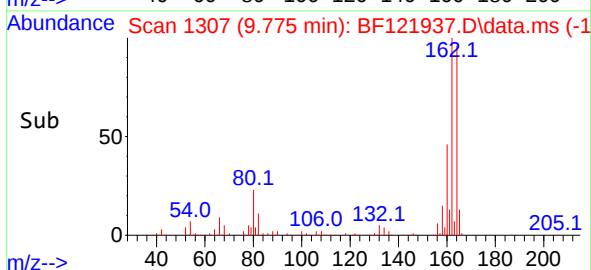
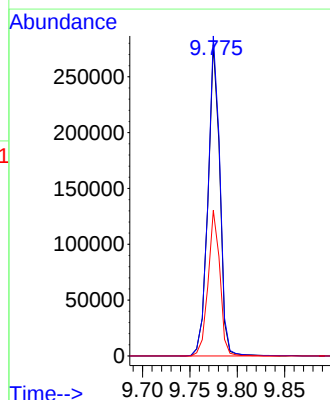
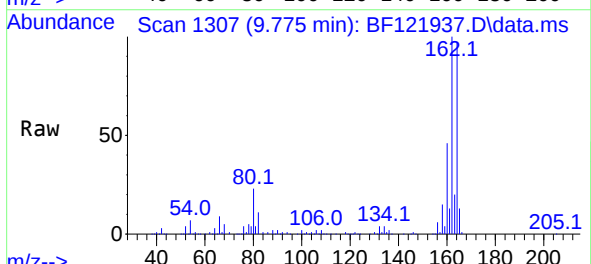
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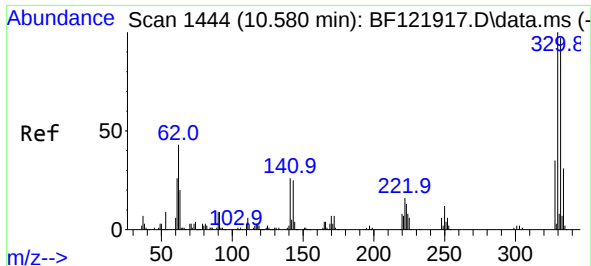
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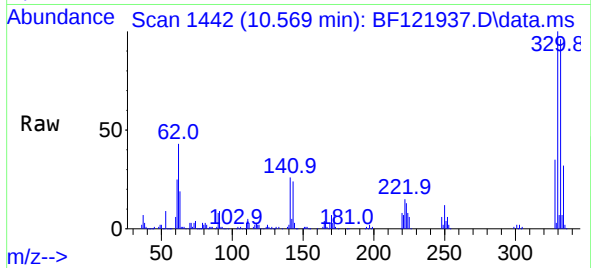
#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.775 min Scan# 1307
Delta R.T. -0.011 min
Lab File: BF121937.D
Acq: 13 Oct 2020 14:35

Tgt Ion:	164	Resp:	242173
Ion	Ratio	Lower	Upper
164	100		
162	102.8	83.2	124.8
160	46.8	37.5	56.3

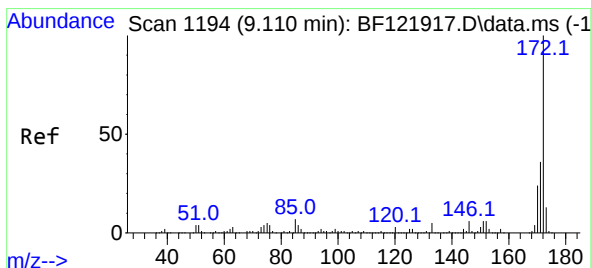
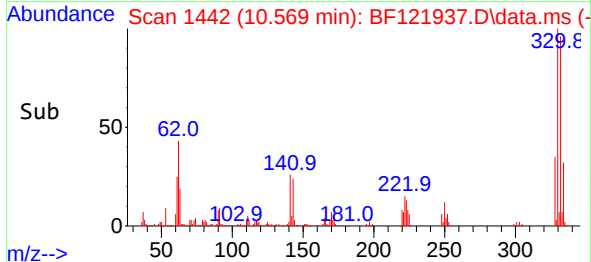
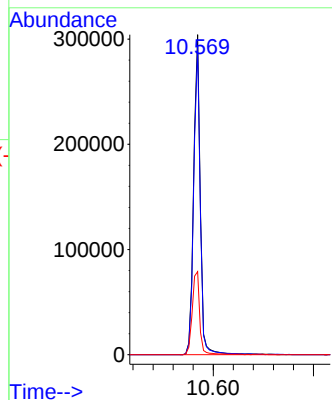




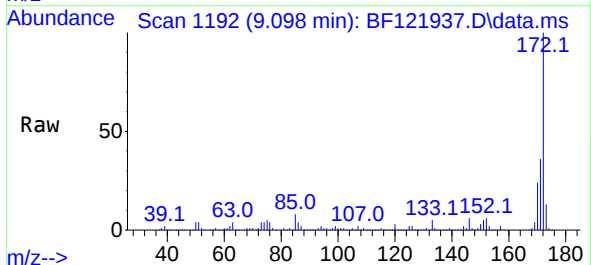
#42
2,4,6-Tribromophenol
Concen: 93.26 ng
RT: 10.569 min Scan# 1442
Delta R.T. -0.012 min
Lab File: BF121937.D
Acq: 13 Oct 2020 14:35



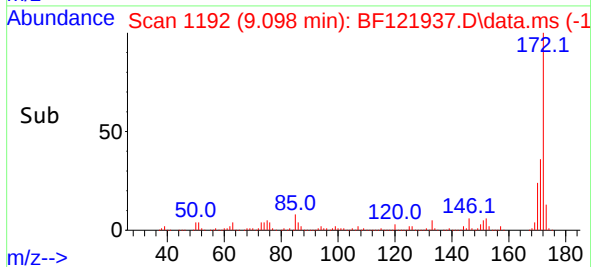
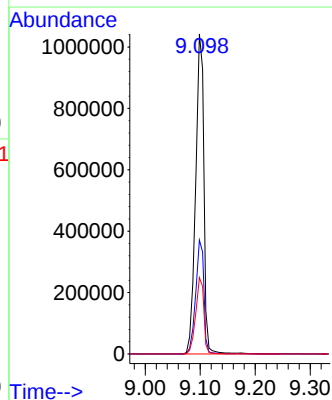
Tgt Ion: 330 Resp: 279386
Ion Ratio Lower Upper
330 100
332 95.5 77.3 115.9
141 29.3 22.3 33.5



#45
2-Fluorobiphenyl
Concen: 65.87 ng
RT: 9.098 min Scan# 1192
Delta R.T. -0.012 min
Lab File: BF121937.D
Acq: 13 Oct 2020 14:35



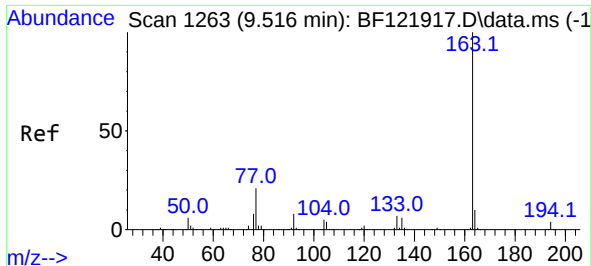
Tgt Ion: 172 Resp: 1084160
Ion Ratio Lower Upper
172 100
171 35.6 29.1 43.7
170 23.9 19.8 29.6



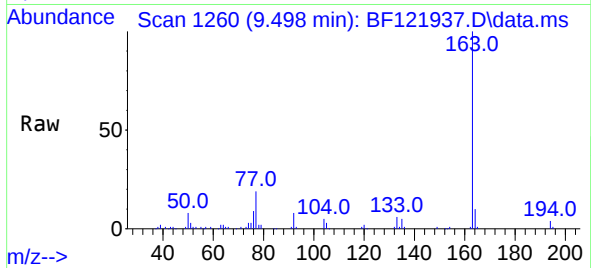
Instrument :
BNA_F
ClientSampled :
HD-3

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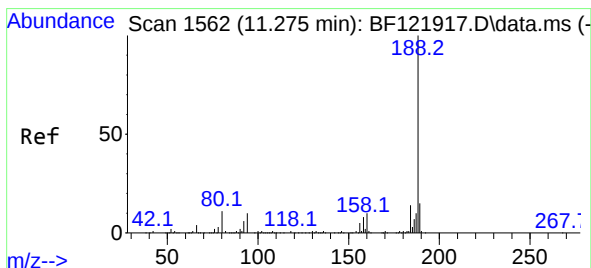
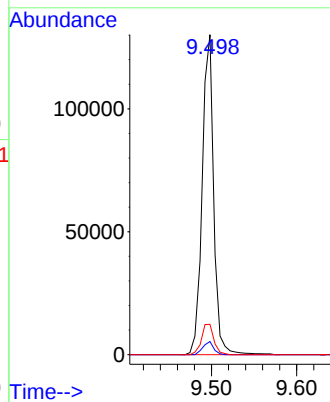
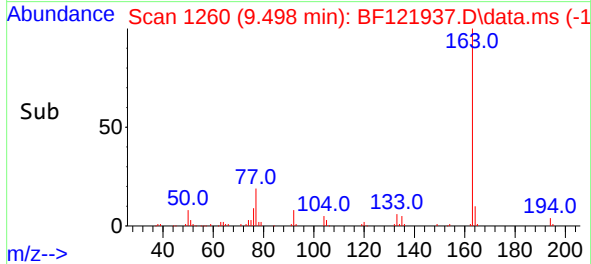
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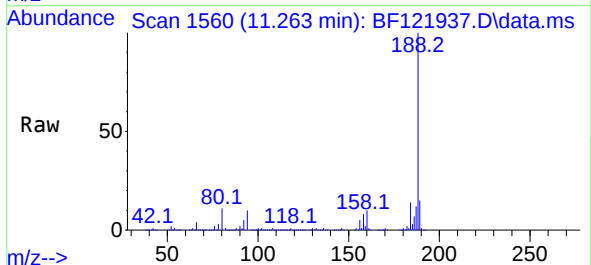
#50
Dimethylphthalate
Concen: 6.89 ng
RT: 9.498 min Scan# 1260
Delta R.T. -0.018 min
Lab File: BF121937.D
Acq: 13 Oct 2020 14:35



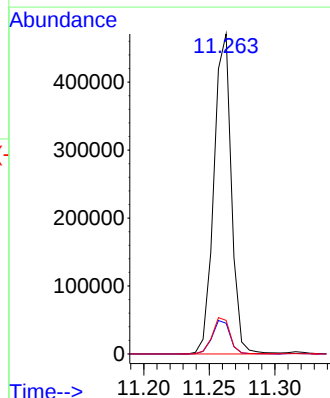
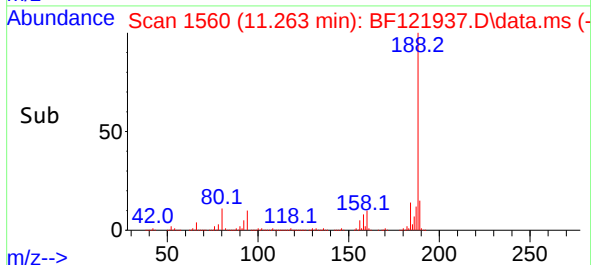
Tgt Ion:163 Resp: 122017
Ion Ratio Lower Upper
163 100
194 4.1 3.3 4.9
164 9.5 8.2 12.4



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.263 min Scan# 1560
Delta R.T. -0.012 min
Lab File: BF121937.D
Acq: 13 Oct 2020 14:35



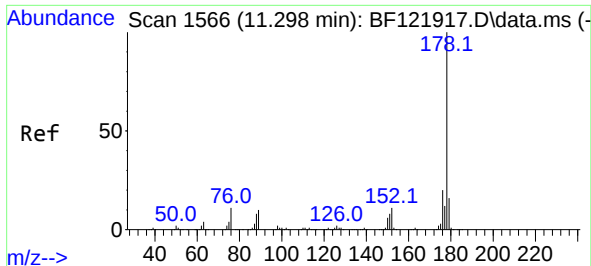
Tgt Ion:188 Resp: 436706
Ion Ratio Lower Upper
188 100
94 9.6 8.3 12.5
80 10.5 9.1 13.7



Instrument :
BNA_F
ClientSampled :
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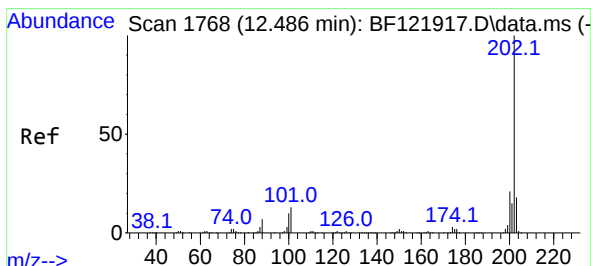
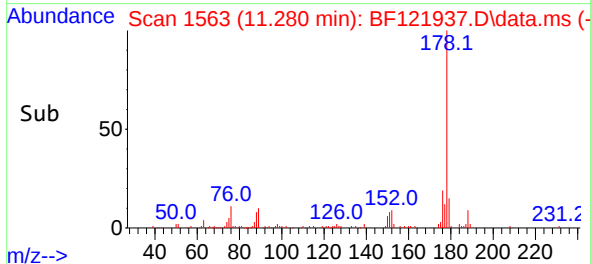
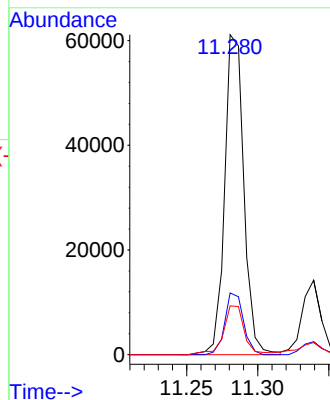
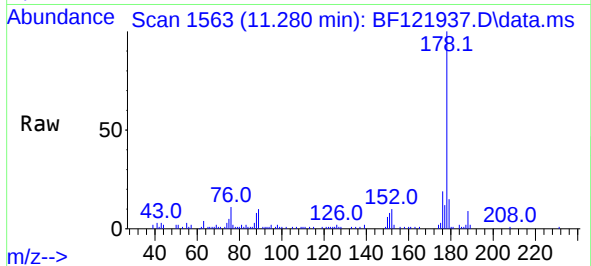
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Phenanthrene
Concen: 2.40 ng
RT: 11.280 min Scan# 1563
Delta R.T. -0.018 min
Lab File: BF121937.D
Acq: 13 Oct 2020 14:35

Tgt Ion:178 Resp: 57518
Ion Ratio Lower Upper
178 100
176 19.3 15.9 23.9
179 15.3 12.2 18.4

Instrument :
BNA_F
ClientSampled :
HD-3

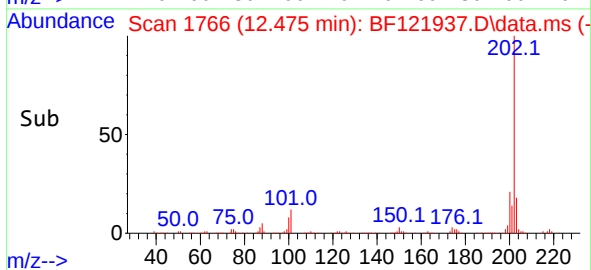
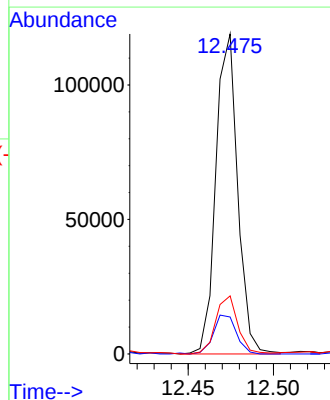
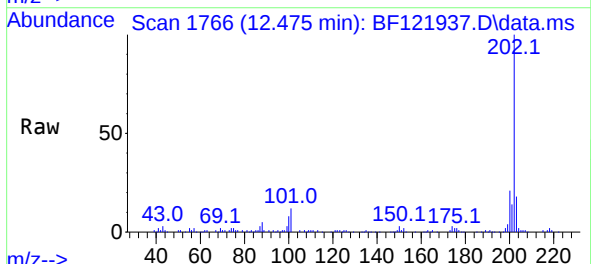
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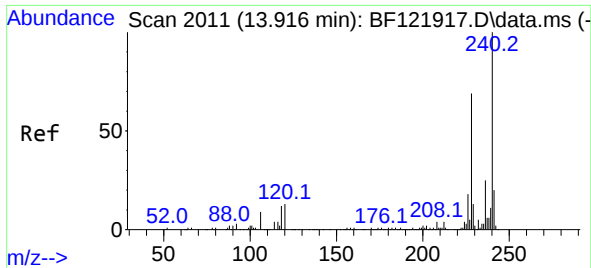
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#75
Fluoranthene
Concen: 4.12 ng
RT: 12.475 min Scan# 1766
Delta R.T. -0.012 min
Lab File: BF121937.D
Acq: 13 Oct 2020 14:35

Tgt Ion:202 Resp: 105885
Ion Ratio Lower Upper
202 100
101 11.6 0.0 33.4
203 18.1 0.0 37.9





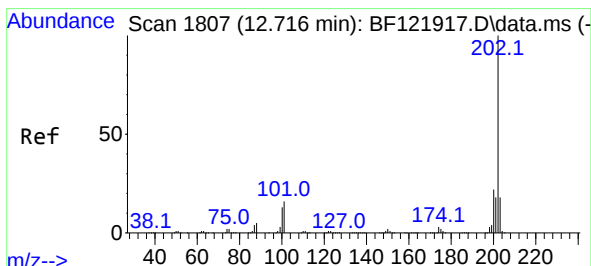
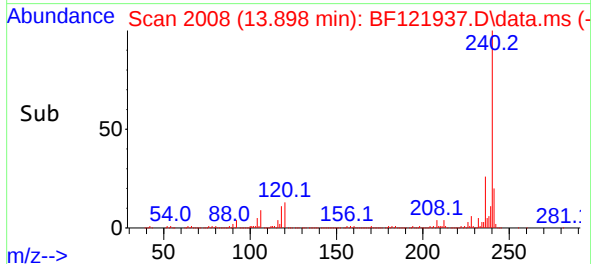
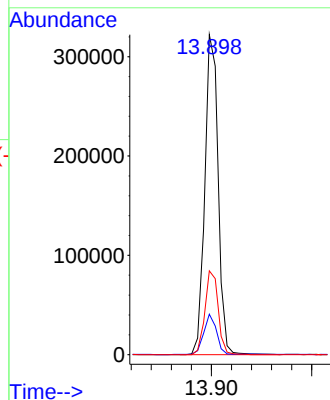
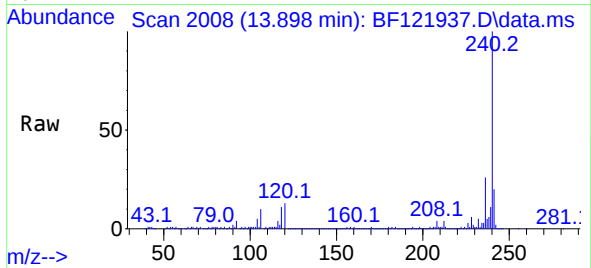
#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.898 min Scan# 2008
Delta R.T. -0.018 min
Lab File: BF121937.D
Acq: 13 Oct 2020 14:35

Tgt Ion:240 Resp: 298420
Ion Ratio Lower Upper
240 100
120 12.6 9.2 13.8
236 26.2 20.9 31.3

Instrument :
BNA_F
ClientSampled :
HD-3

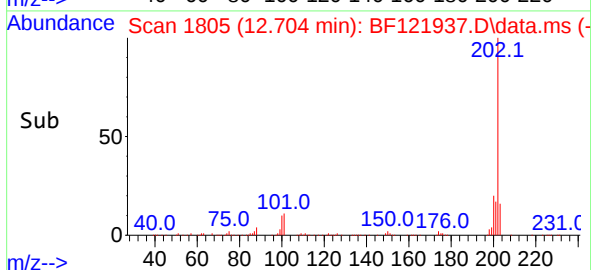
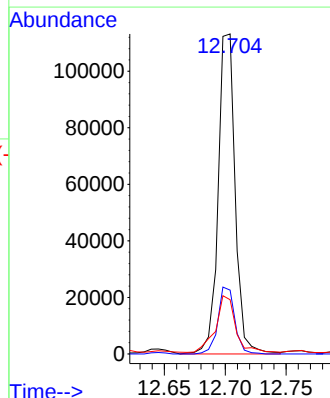
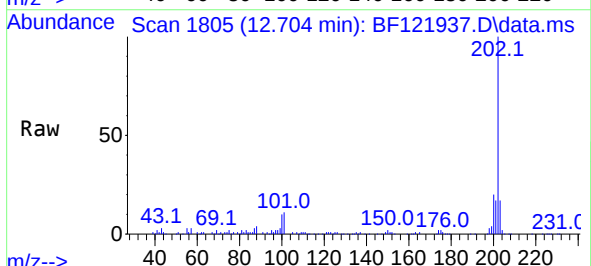
Manual Integrations
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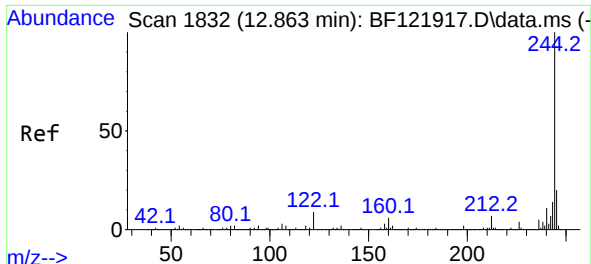
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#78
Pyrene
Concen: 4.85 ng
RT: 12.704 min Scan# 1805
Delta R.T. -0.012 min
Lab File: BF121937.D
Acq: 13 Oct 2020 14:35

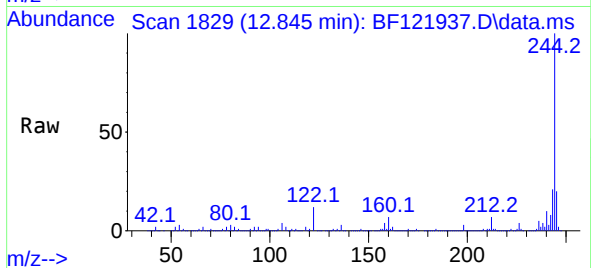
Tgt Ion:202 Resp: 110399
Ion Ratio Lower Upper
202 100
200 20.0 17.4 26.2
203 17.0 14.6 21.8





#79
Terphenyl-d14
Concen: 60.40 ng
RT: 12.845 min Scan# 1829
Delta R.T. -0.018 min
Lab File: BF121937.D
Acq: 13 Oct 2020 14:35

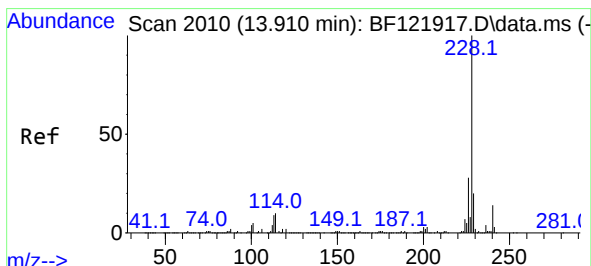
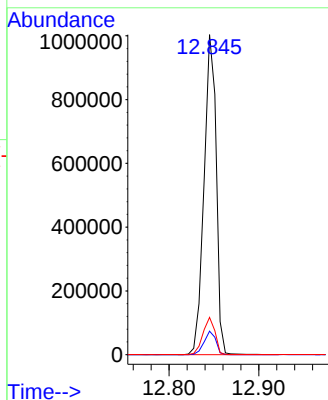
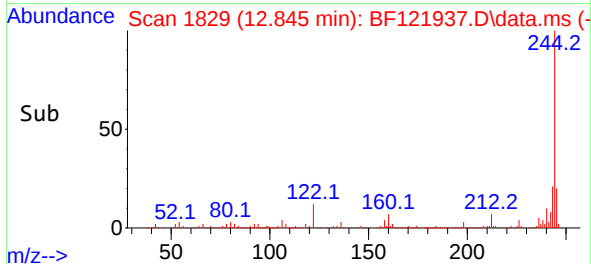
Instrument :
BNA_F
ClientSampled :
HD-3



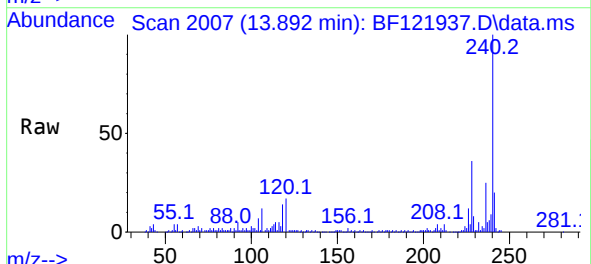
Tgt Ion:244 Resp: 945813
Ion Ratio Lower Upper
244 100
212 7.4 5.4 8.2
122 11.6 8.1 12.1

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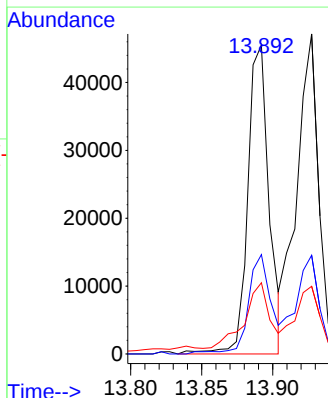
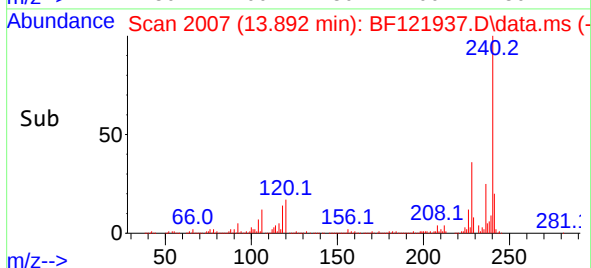
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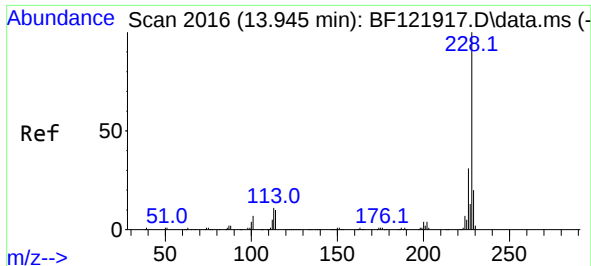


#81
Benzo(a)anthracene
Concen: 2.42 ng
RT: 13.892 min Scan# 2007
Delta R.T. -0.018 min
Lab File: BF121937.D
Acq: 13 Oct 2020 14:35



Tgt Ion:228 Resp: 47390
Ion Ratio Lower Upper
228 100
226 32.2 22.3 33.5
229 23.0 16.2 24.4





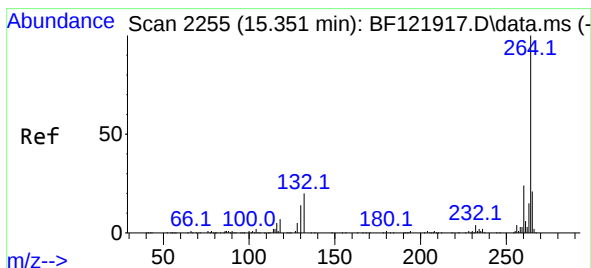
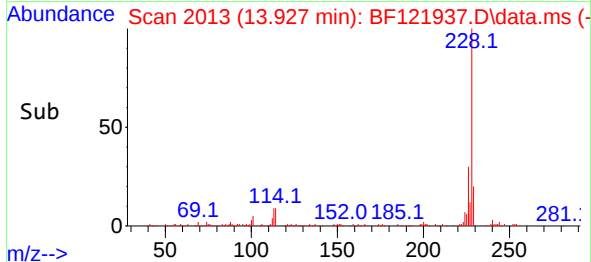
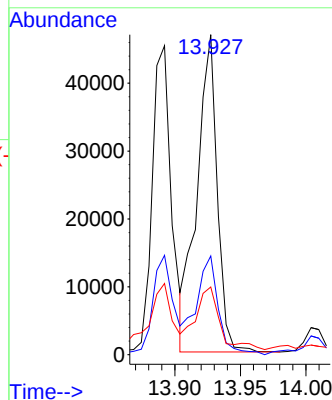
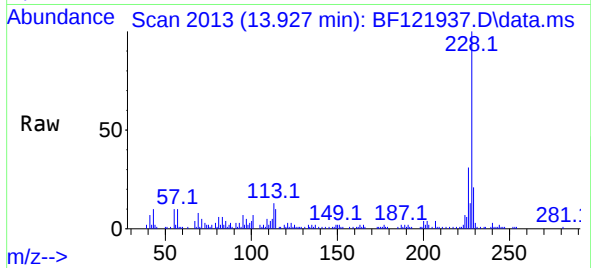
#83
Chrysene
Concen: 2.62 ng
RT: 13.927 min Scan# 2013
Delta R.T. -0.018 min
Lab File: BF121937.D
Acq: 13 Oct 2020 14:35

Tgt Ion:228	Resp:	50371
Ion Ratio	Lower	Upper
228	100	
226	30.9	24.6 37.0
229	21.1	15.9 23.9

Instrument :
BNA_F
ClientSampled :
HD-3

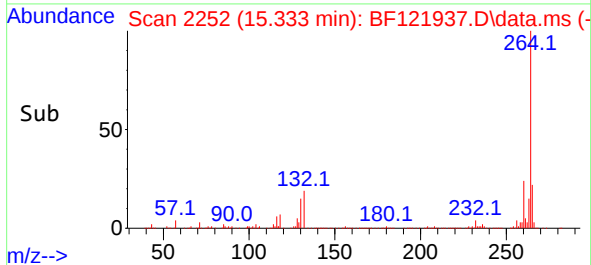
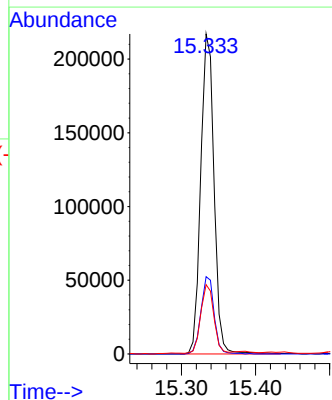
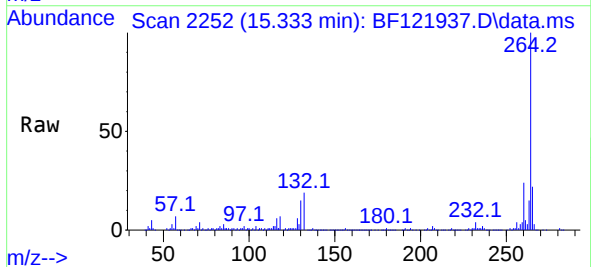
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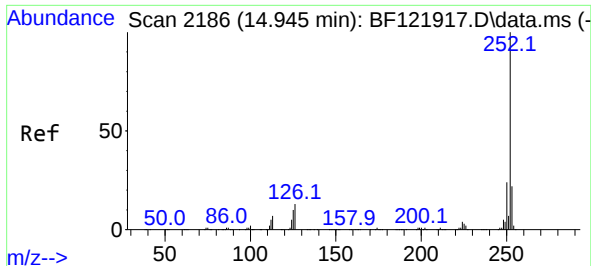
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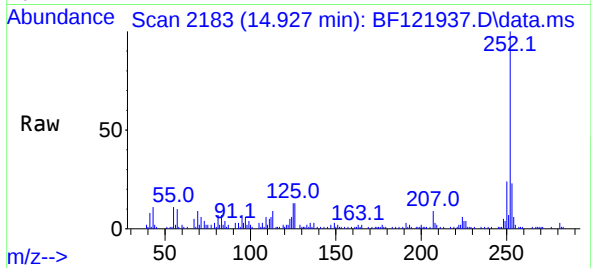
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.333 min Scan# 2252
Delta R.T. -0.018 min
Lab File: BF121937.D
Acq: 13 Oct 2020 14:35

Tgt Ion:264	Resp:	270620
Ion Ratio	Lower	Upper
264	100	
260	24.2	18.7 28.1
265	21.7	17.3 25.9

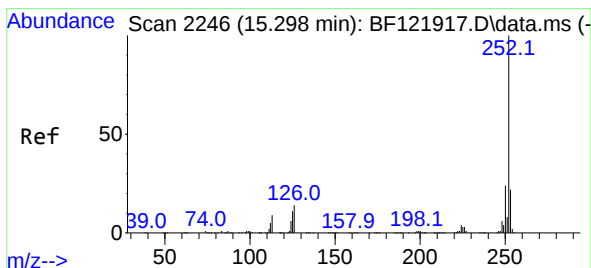
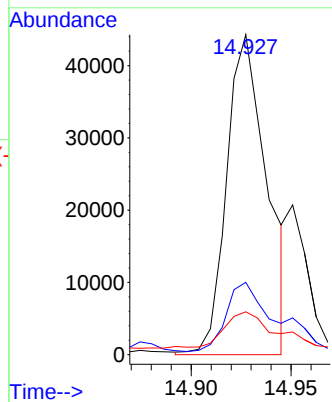
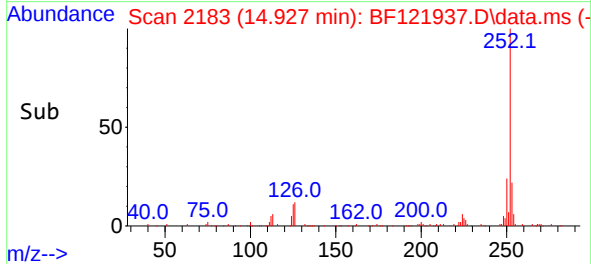




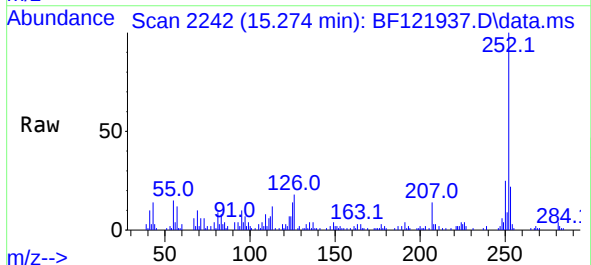
#88
Benzo(b)fluoranthene
Concen: 3.40 ng m
RT: 14.927 min Scan# 2183
Delta R.T. -0.018 min
Lab File: BF121937.D
Acq: 13 Oct 2020 14:35



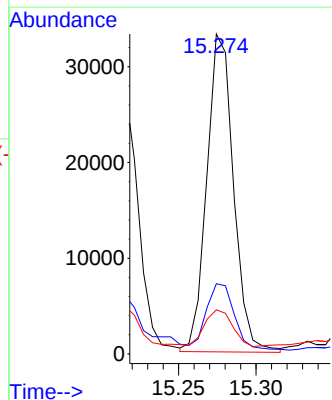
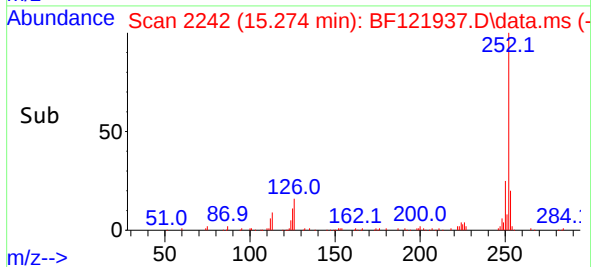
Tgt Ion:252 Resp: 62123
Ion Ratio Lower Upper
252 100
253 22.6 18.2 27.2
125 13.4 8.0 12.0#



#90
Benzo(a)pyrene
Concen: 2.52 ng
RT: 15.274 min Scan# 2242
Delta R.T. -0.023 min
Lab File: BF121937.D
Acq: 13 Oct 2020 14:35



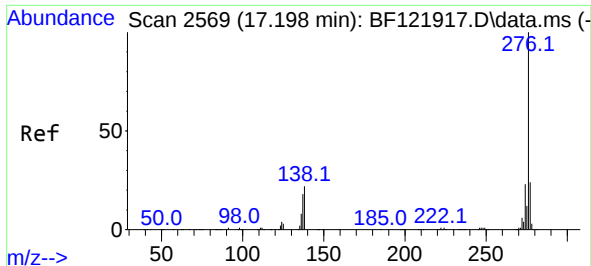
Tgt Ion:252 Resp: 39873
Ion Ratio Lower Upper
252 100
253 22.0 17.3 25.9
125 13.8 8.6 13.0#



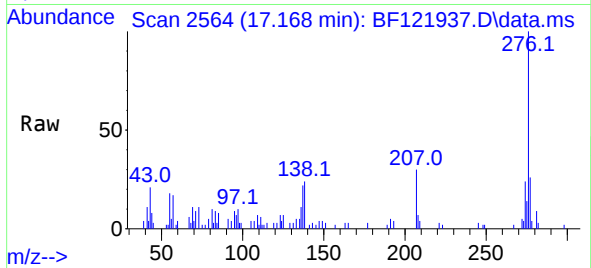
Instrument :
BNA_F
ClientSampled :
HD-3

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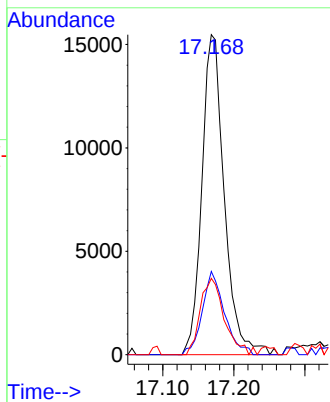
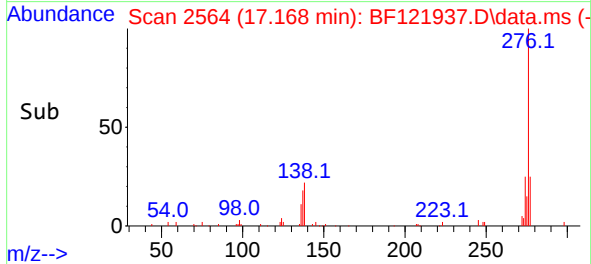
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#92
Benzo(g,h,i)perylene
Concen: 2.35 ng
RT: 17.168 min Scan# 2564
Delta R.T. -0.029 min
Lab File: BF121937.D
Acq: 13 Oct 2020 14:35



Tgt Ion:	276	Resp:	34031
Ion Ratio	Lower	Upper	
276	100		
277	26.0	19.4	29.2
138	23.8	17.8	26.6



Instrument :
BNA_F
ClientSampleId :
HD-3

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