

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030419\
 Data File : BF112822.D
 Acq On : 4 Mar 2019 14:18
 Operator : JU/SJ
 Sample : K1707-03
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S11

Manual Integrations
 APPROVED

Sohil
 3/5/2019 11:00:41 AM

Quant Time: Mar 05 01:14:46 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 01 15:40:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	175692	20.00	ng	0.00
21) Naphthalene-d8	8.03	136	676529	20.00	ng	0.00
39) Acenaphthene-d10	9.77	164	313584	20.00	ng	0.00
64) Phenanthrene-d10	11.25	188	567127	20.00	ng	0.00
76) Chrysene-d12	13.88	240	427598	20.00	ng	0.00
87) Perylene-d12	15.29	264	426646	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	1163242	102.99	ng	0.01
7) Phenol-d6	6.38	99	1547393	109.06	ng	0.01
23) Nitrobenzene-d5	7.30	82	980372	86.71	ng	0.00
42) 2,4,6-Tribromophenol	10.56	330	398849	119.81	ng	0.00
45) 2-Fluorobiphenyl	9.10	172	1500815	77.46	ng	0.00
79) Terphenyl-d14	12.84	244	1196755	54.25	ng	0.01
Target Compounds						
50) Dimethylphthalate	9.49	163	102718	4.442	ng	99
71) Phenanthrene	11.27	178	150745	5.342	ng	97
75) Fluoranthene	12.46	202	319037	10.553	ng	95
78) Pyrene	12.69	202	355079	9.850	ng	98
81) Benzo(a)anthracene	13.87	228	199200	6.722	ng	97
83) Chrysene	13.90	228	199611	6.876	ng	96
84) Bis(2-ethylhexyl)phthalate	13.87	149	44141	2.365	ng	99
86) Indeno(1,2,3-cd)pyrene	16.65	276	81277m	3.284	ng	
88) Benzo(b)fluoranthene	14.89	252	261418m	9.473	ng	
89) Benzo(k)fluoranthene	14.92	252	67501m	2.700	ng	
90) Benzo(a)pyrene	15.23	252	161318	6.609	ng	99
92) Benzo(a,h,i)perylene	17.06	276	74251	3.550	ng	97

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

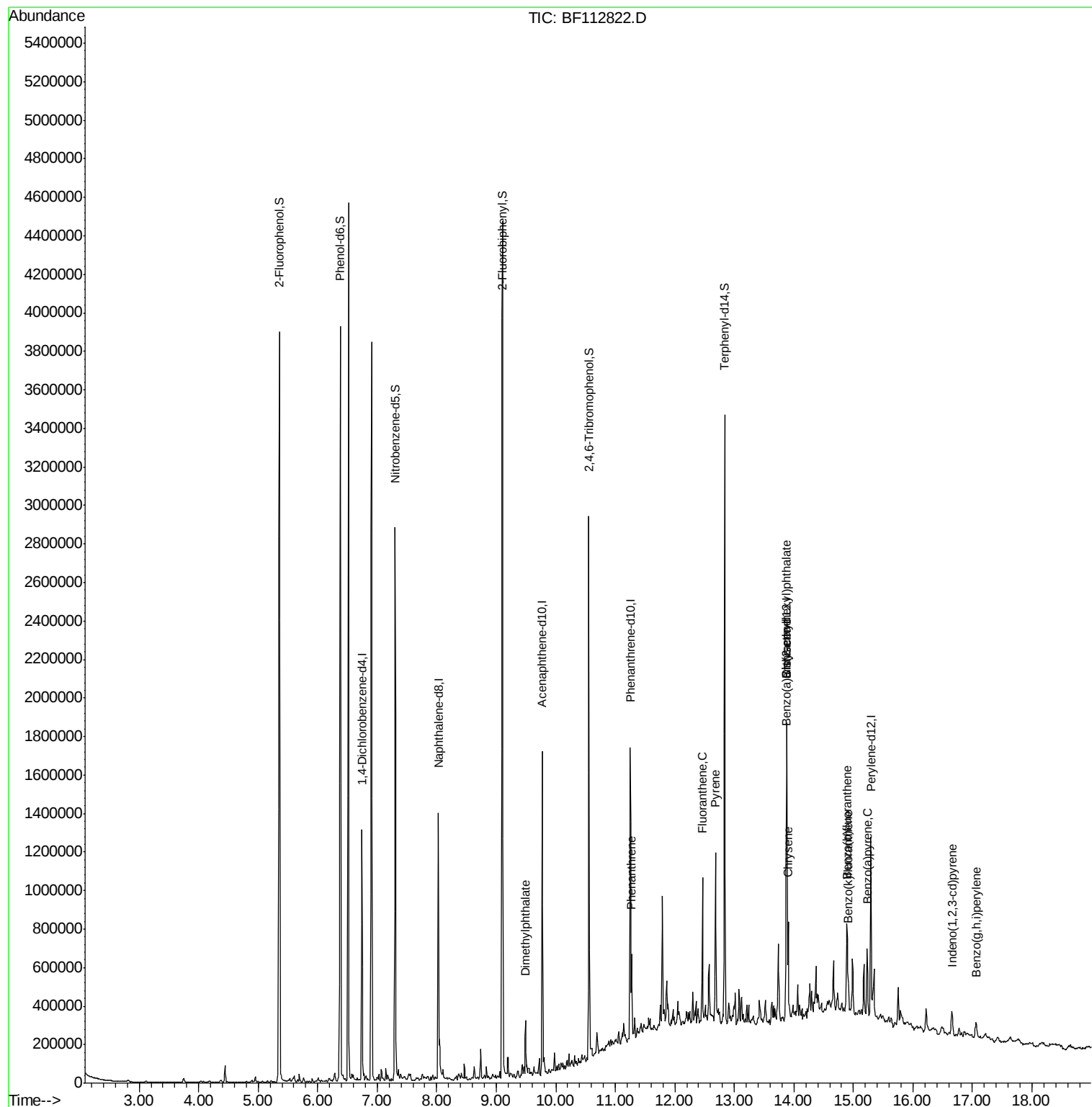
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030419\
Data File : BF112822.D
Acq On : 4 Mar 2019 14:18
Operator : JU/SJ
Sample : K1707-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

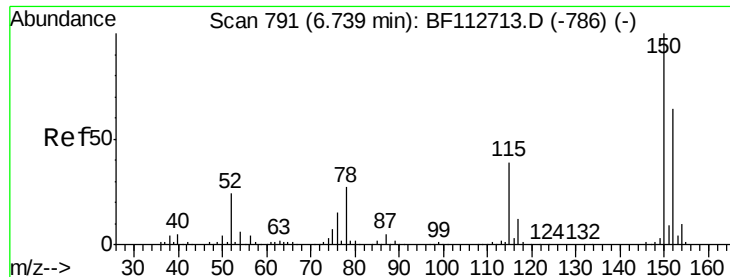
Instrument :
BNA_F
ClientSampled :
S11

Manual Integrations
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

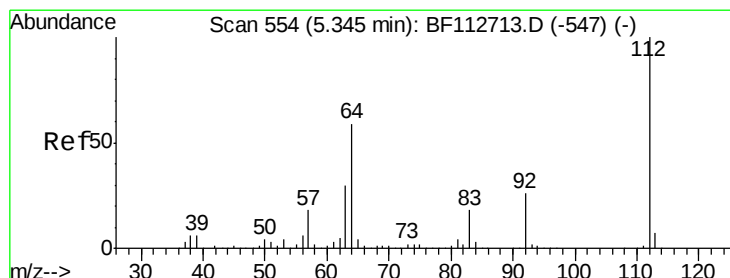
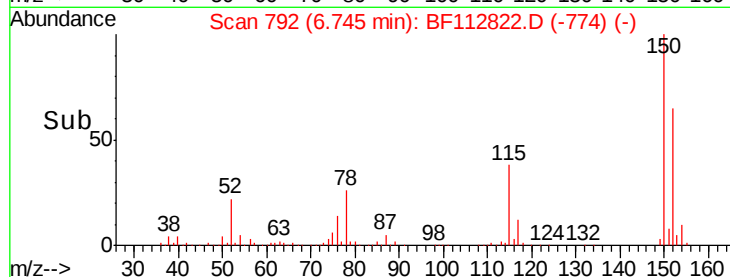
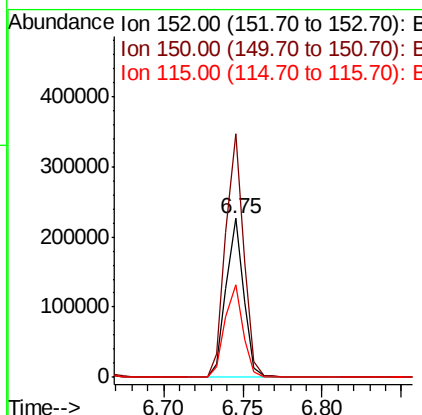
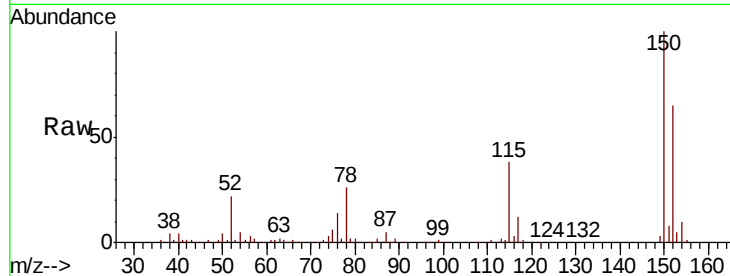
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.75 min Scan# 792
Delta R.T. 0.01 min
Lab File: BF112822.D
Acq: 4 Mar 2019 14:18

Instrument :
BNA_F
ClientSampled :
S11

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.1	124.2	186.2
115	57.9	48.2	72.4

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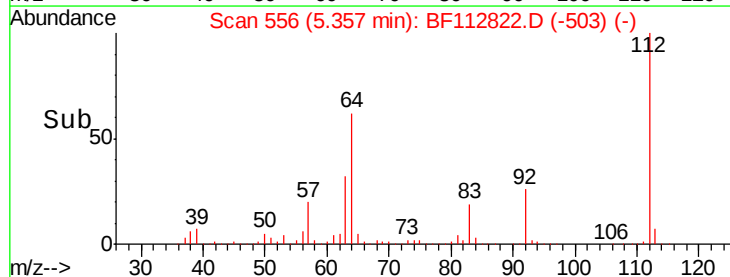
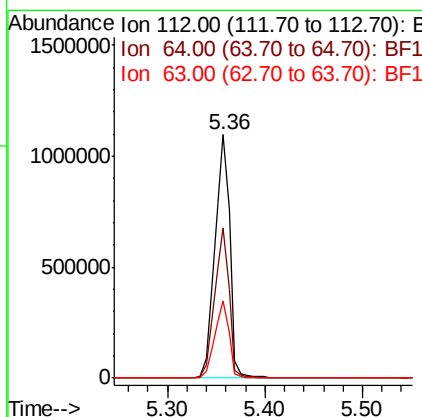
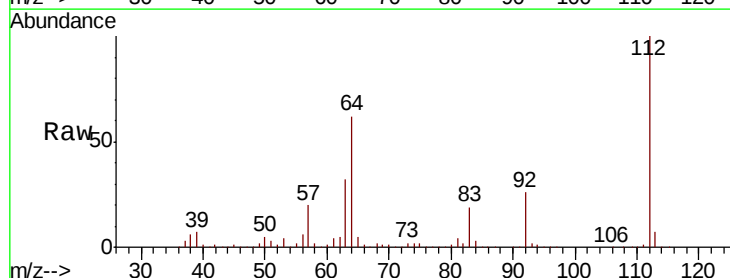
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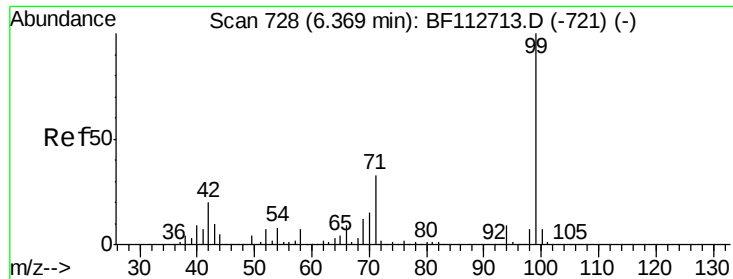


#5

2-Fluorophenol
Concen: 102.991 ng
RT: 5.36 min Scan# 556
Delta R.T. 0.01 min
Lab File: BF112822.D
Acq: 4 Mar 2019 14:18

Tgt Ion	Ratio	Lower	Upper
112	100		
64	61.9	47.6	71.4
63	31.9	24.4	36.6





#7

Phenol-d6

Concen: 109.065 ng

RT: 6.38 min Scan# 730

Delta R.T. 0.01 min

Lab File: BF112822.D

Acq: 4 Mar 2019 14:18

Instrument :

BNA_F

ClientSampleId :

S11

Tot Ion: 99 Resp: 1547393

Ion Ratio Lower Upper

99 100

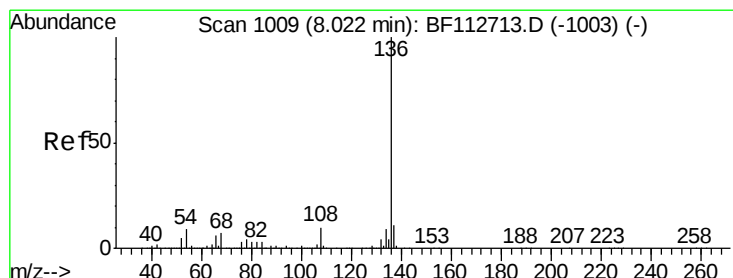
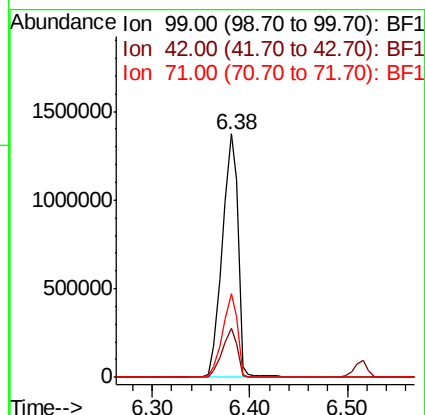
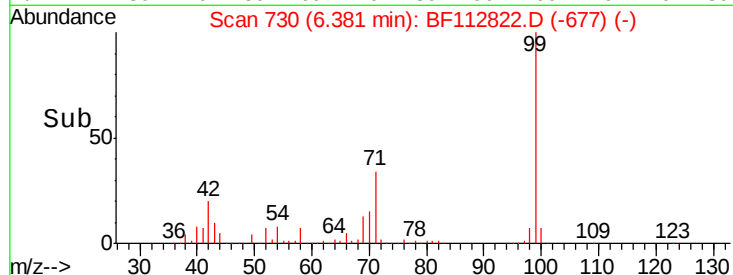
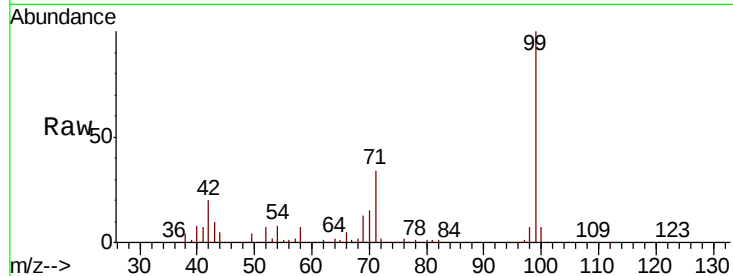
42 20.0 16.3 24.5

71 34.2 26.2 39.4

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#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.03 min Scan# 1010

Delta R.T. 0.01 min

Lab File: BF112822.D

Acq: 4 Mar 2019 14:18

Tgt Ion: 136 Resp: 676529

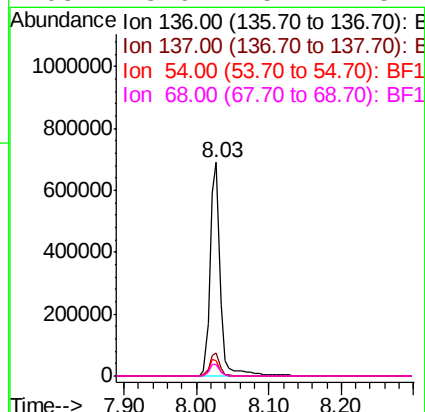
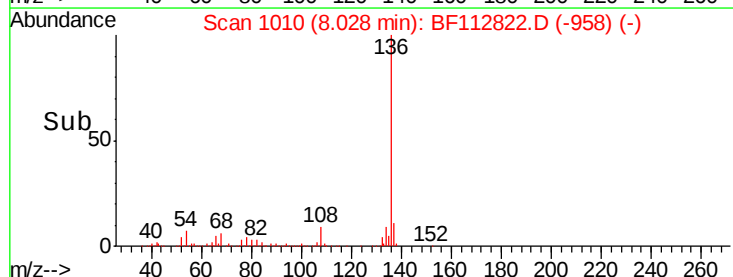
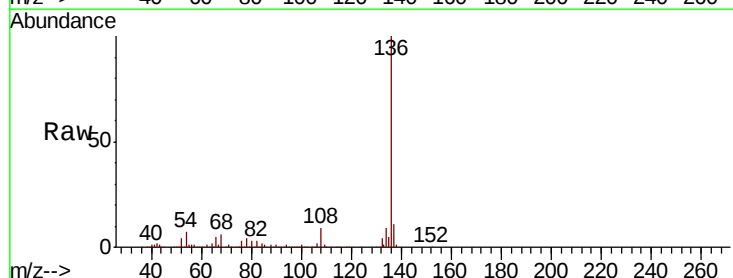
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 7.5 7.3 10.9

68 5.6 5.4 8.2





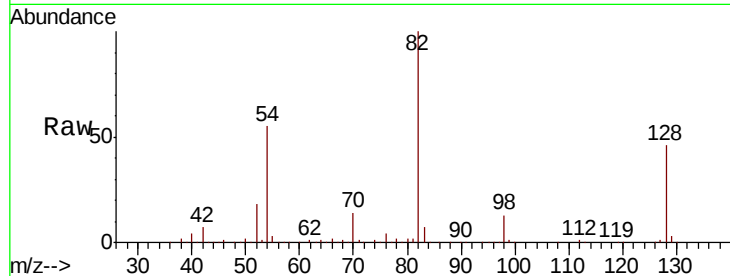
#23
Nitrobenzene-d5
Concen: 86.712 ng
RT: 7.30 min Scan# 887
Delta R.T. -0.00 min
Lab File: BF112822.D
Acq: 4 Mar 2019 14:18

Instrument :
BNA_F
ClientSampled :
S11

Tot Ion	Ratio	Lower	Upper
82	100		
128	45.9	36.3	54.5
54	54.7	43.7	65.5

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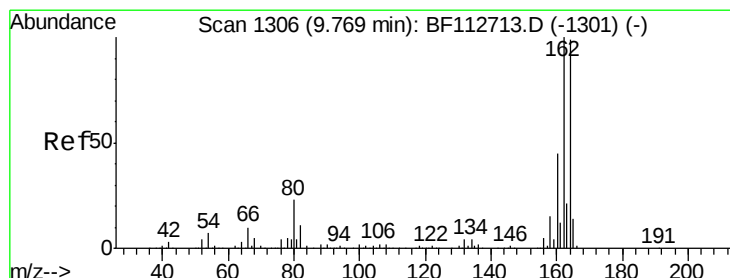
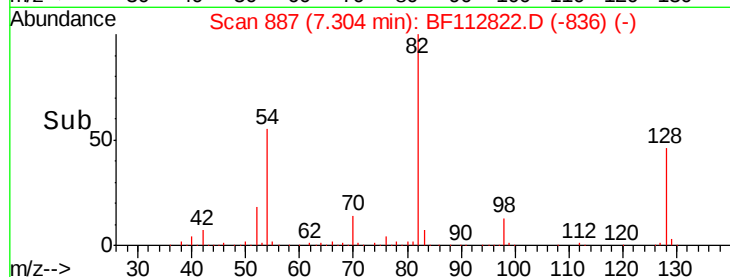
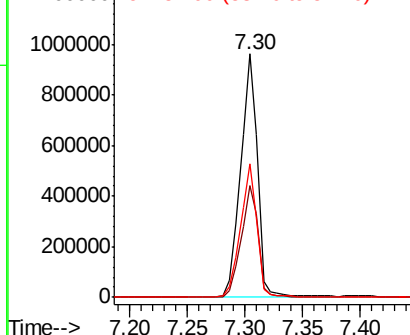


Abundance

Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.77 min Scan# 1307
Delta R.T. 0.01 min
Lab File: BF112822.D
Acq: 4 Mar 2019 14:18

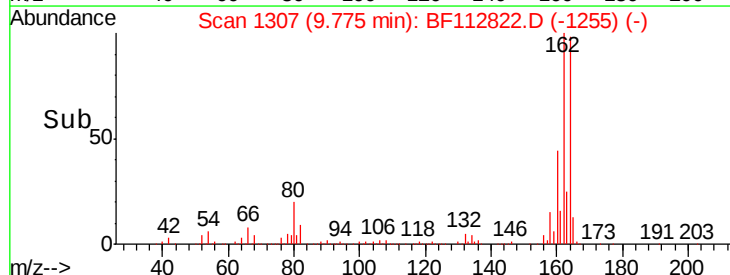
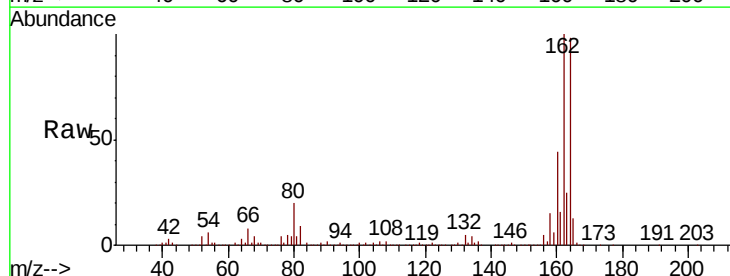
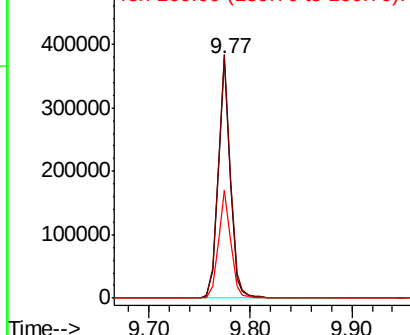
Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.8	80.6	120.8
160	45.2	36.0	54.0

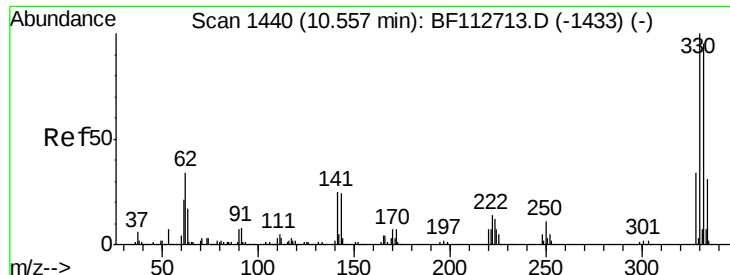
Abundance

Ion 164.00 (163.70 to 164.70): BF1

Ion 162.00 (161.70 to 162.70): BF1

Ion 160.00 (159.70 to 160.70): BF1





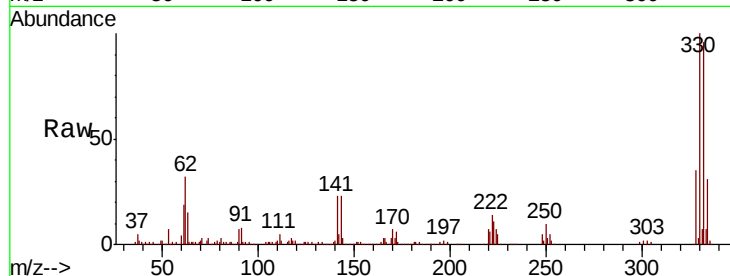
#42
 2,4,6-Tribromophenol
 Concen: 119.807 ng
 RT: 10.56 min Scan# 1441
 Delta R.T. 0.01 min
 Lab File: BF112822.D
 Acq: 4 Mar 2019 14:18

Instrument :
 BNA_F
 ClientSampled :
 S11

Tot Ion	Ratio	Resp	Lower	Upper
330	100	398849		
332	96.3	76.2	114.4	
141	28.8	27.0	40.6	

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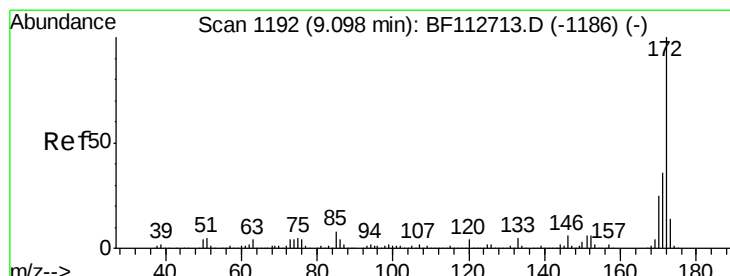
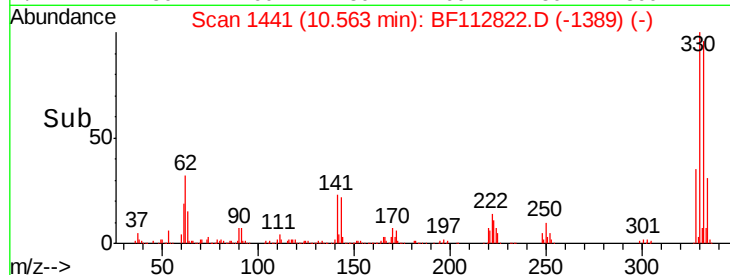
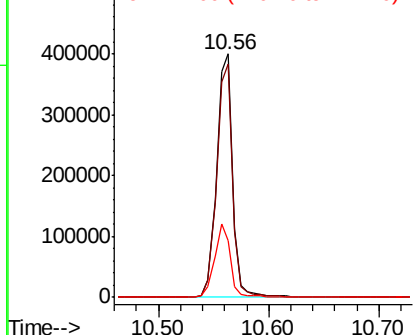


Abundance

Ion 329.80 (329.50 to 330.50): E

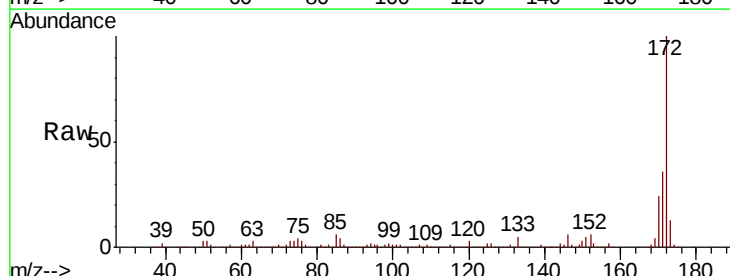
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 77.459 ng
 RT: 9.10 min Scan# 1193
 Delta R.T. 0.01 min
 Lab File: BF112822.D
 Acq: 4 Mar 2019 14:18

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1500815		
171	36.3	29.0	43.4	
170	24.4	20.0	30.0	

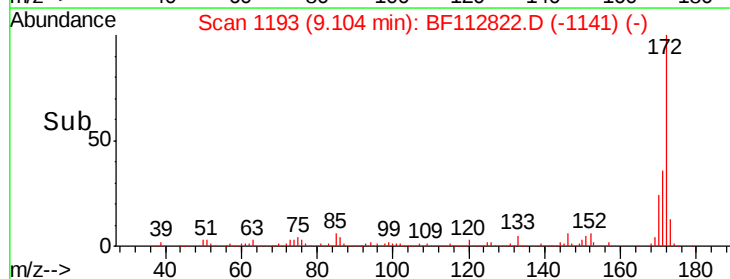
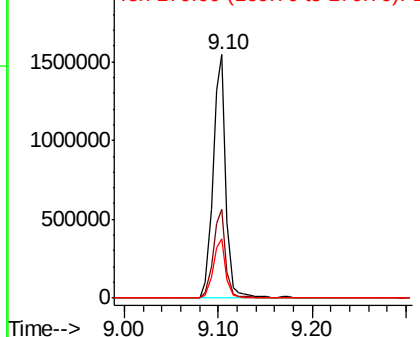


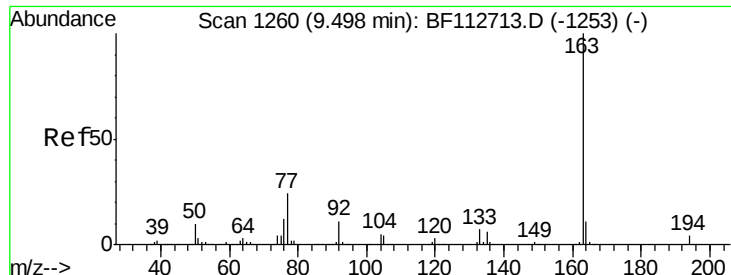
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





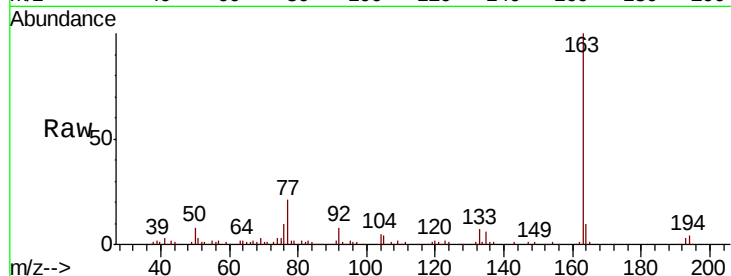
#50
Dimethylphthalate
Concen: 4.442 ng
RT: 9.49 min Scan# 1259
Delta R.T. -0.01 min
Lab File: BF112822.D
Acq: 4 Mar 2019 14:18

Instrument :
BNA_F
ClientSampled :
S11

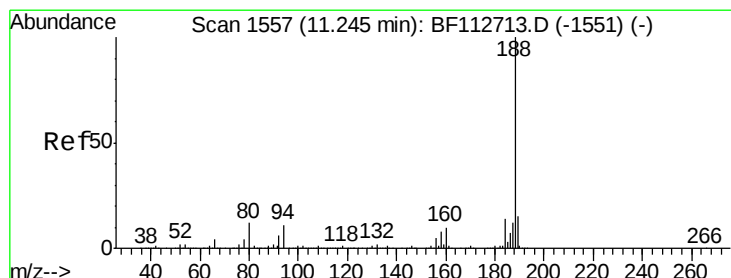
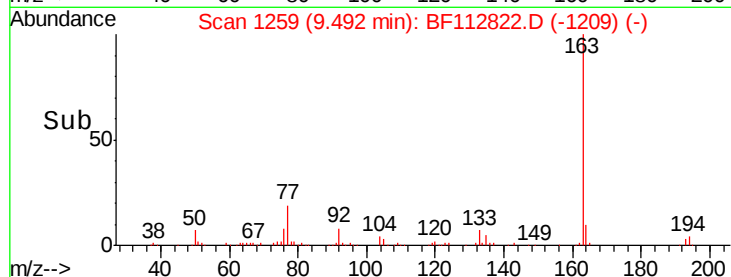
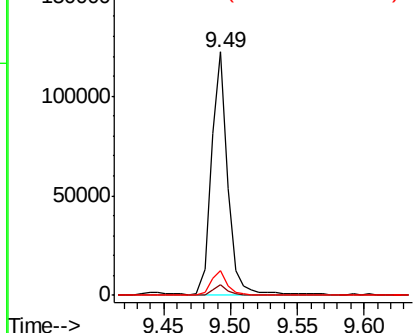
Tot Ion	Ratio	Resp Lower	Upper
163	100		
194	4.3	3.0	4.4
164	10.1	8.4	12.6

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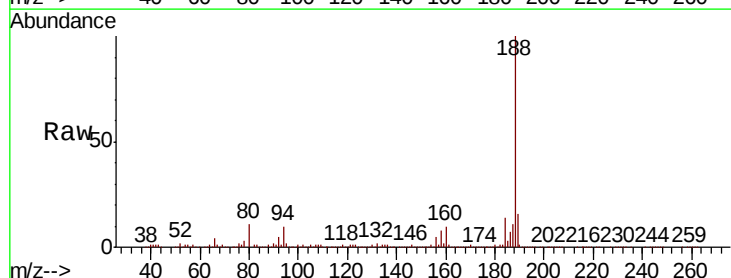


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

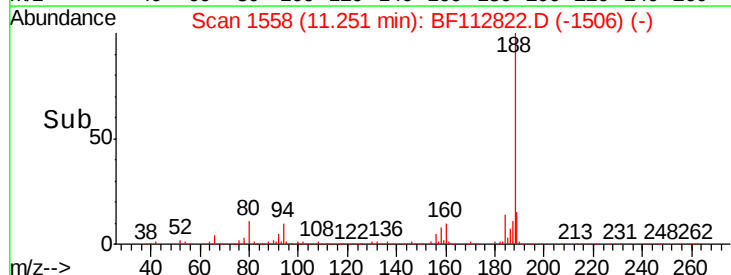
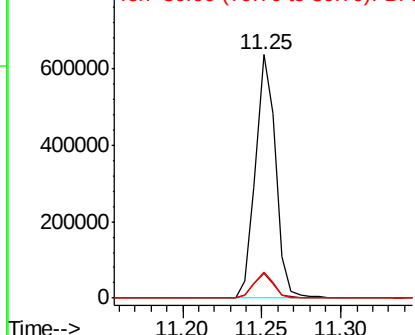


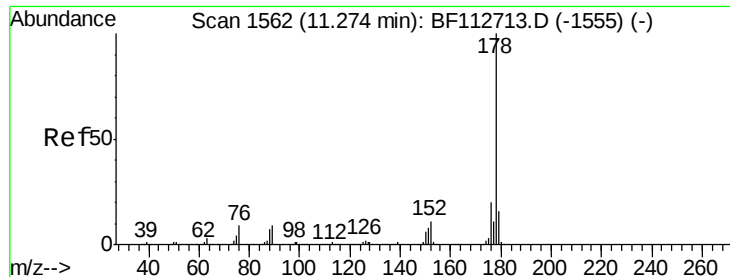
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1558
Delta R.T. 0.01 min
Lab File: BF112822.D
Acq: 4 Mar 2019 14:18

Tgt Ion	Ratio	Resp Lower	Upper
188	100		
94	10.2	9.0	13.4
80	10.9	9.2	13.8



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1





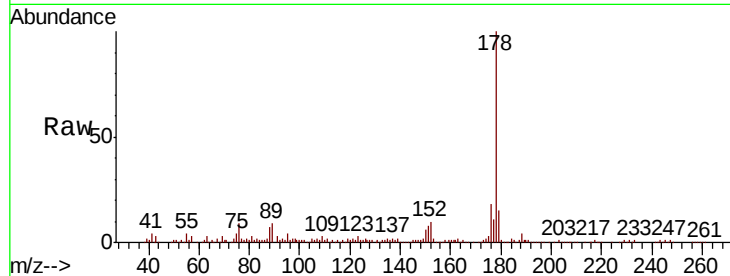
#71
Phenanthrene
Concen: 5.342 ng
RT: 11.27 min Scan# 1562
Delta R.T. -0.00 min
Lab File: BF112822.D
Acq: 4 Mar 2019 14:18

Instrument :
BNA_F
ClientSampled :
S11

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.2	16.3	24.5
179	15.3	12.7	19.1

Manual Integrations
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3/5/2019 11:00:41 AM

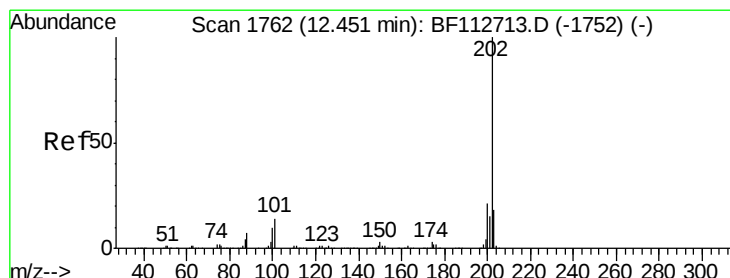
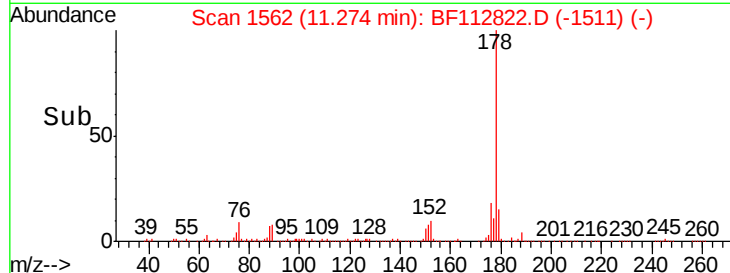
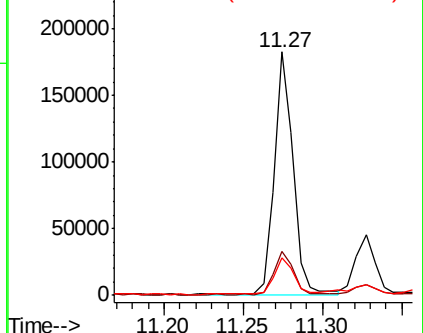


Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#75
Fluoranthene
Concen: 10.553 ng
RT: 12.46 min Scan# 1764
Delta R.T. 0.01 min
Lab File: BF112822.D
Acq: 4 Mar 2019 14:18

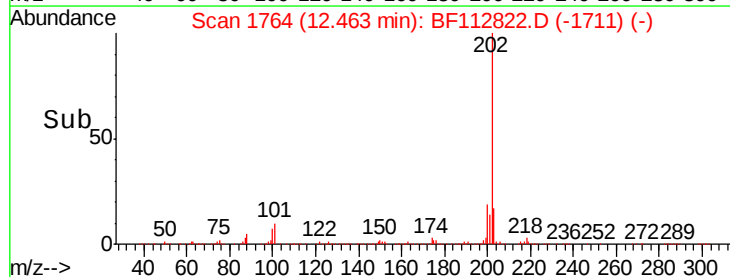
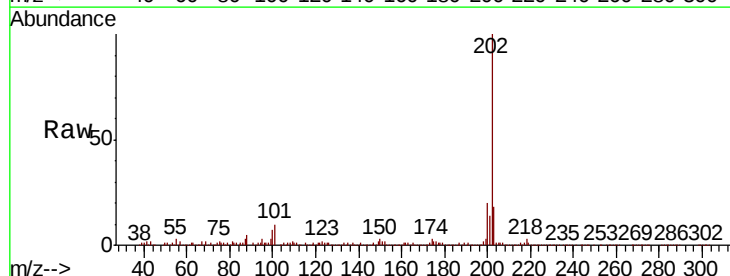
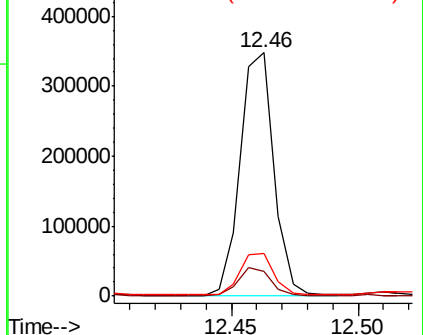
Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.2	0.0	33.8
203	17.5	0.0	38.4

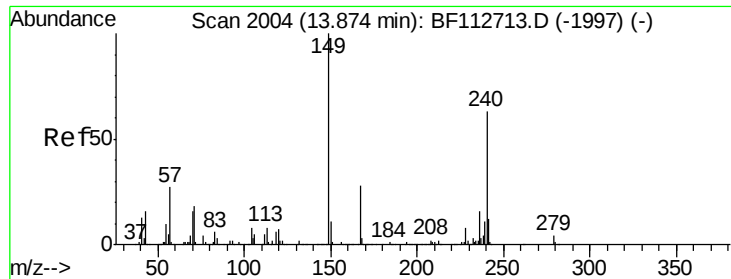
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





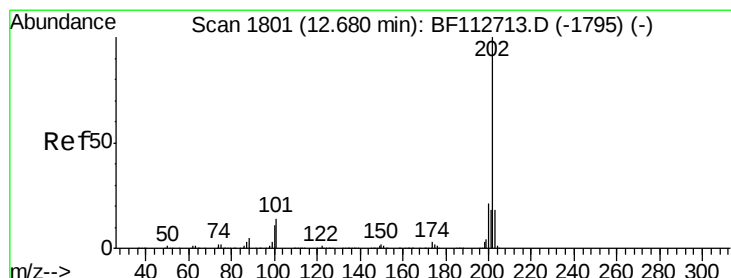
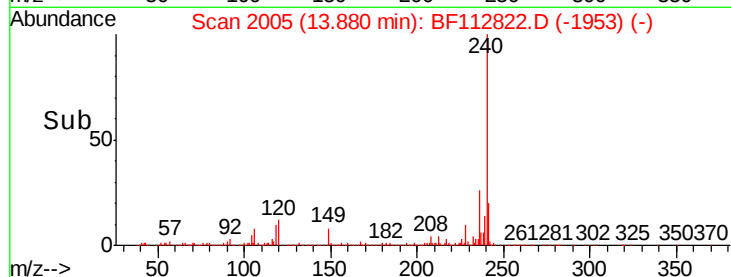
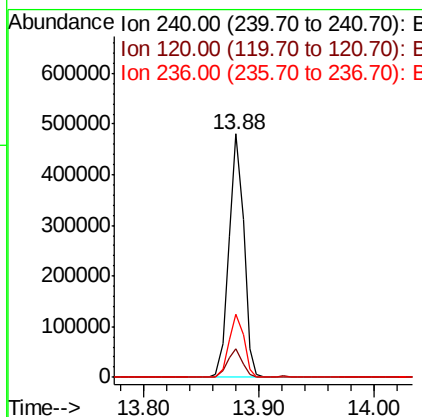
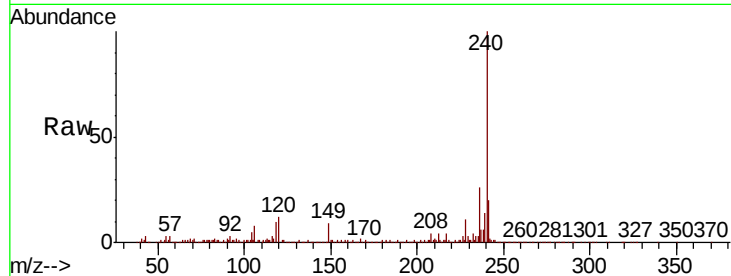
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.88 min Scan# 2005
Delta R.T. 0.01 min
Lab File: BF112822.D
Acq: 4 Mar 2019 14:18

Instrument :
BNA_F
ClientSampleId :
S11

Tot Ion	Ratio	Lower	Upper
240	100		
120	11.7	8.9	13.3
236	26.1	20.7	31.1

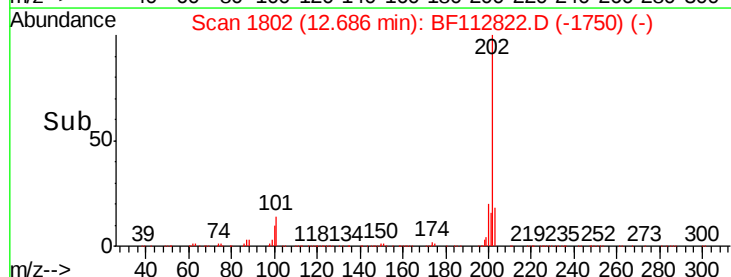
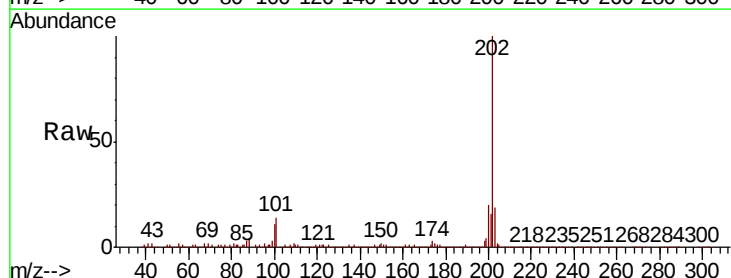
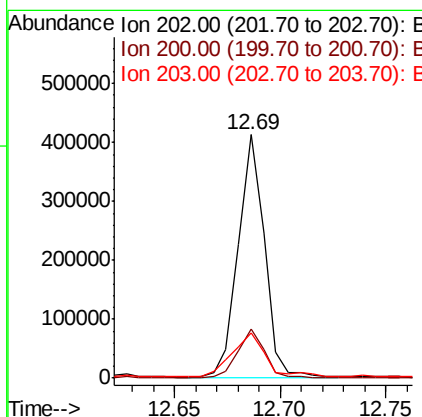
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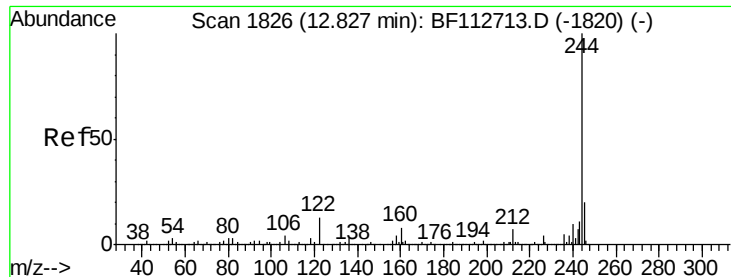
Sohil
3/5/2019 11:00:41 AM



#78
Pyrene
Concen: 9.850 ng
RT: 12.69 min Scan# 1802
Delta R.T. 0.01 min
Lab File: BF112822.D
Acq: 4 Mar 2019 14:18

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.0	17.0	25.4
203	18.6	14.4	21.6





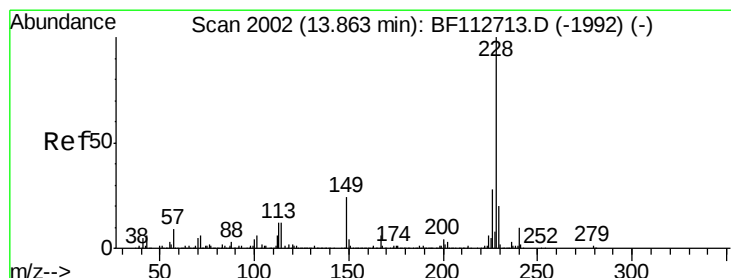
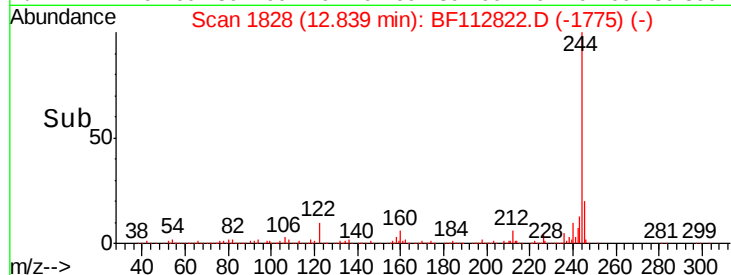
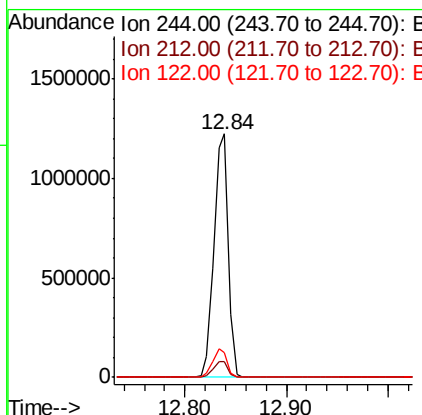
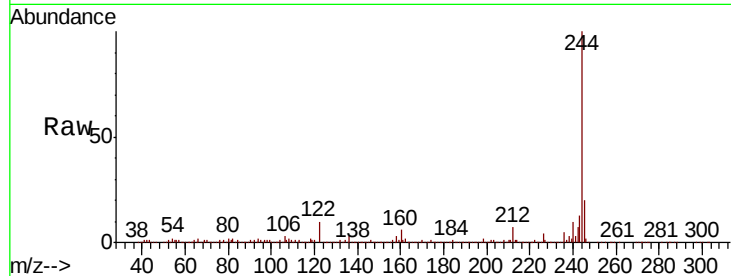
#79
 Terphenyl-d14
 Concen: 54.254 ng
 RT: 12.84 min Scan# 1828
 Delta R.T. 0.01 min
 Lab File: BF112822.D
 Acq: 4 Mar 2019 14:18

Instrument :
 BNA_F
 ClientSampleId :
 S11

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.6	8.4
122	10.0	10.5	15.7

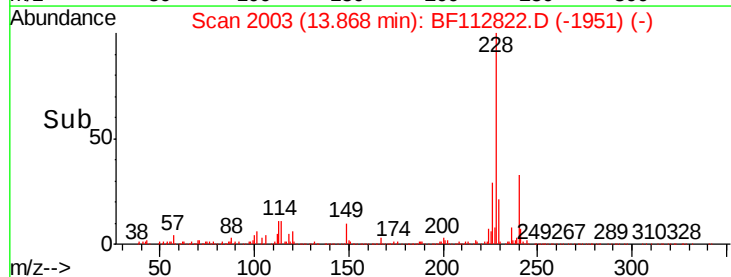
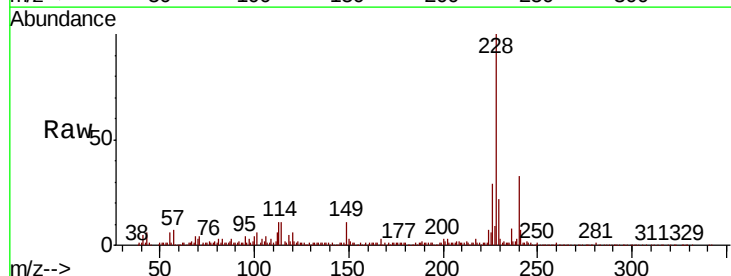
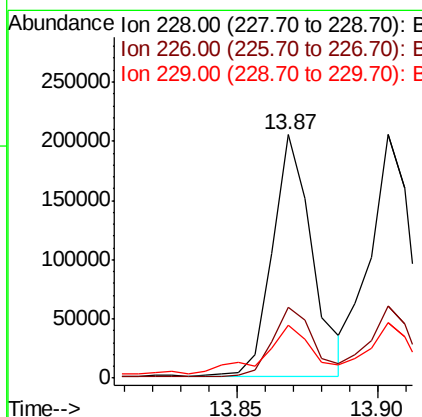
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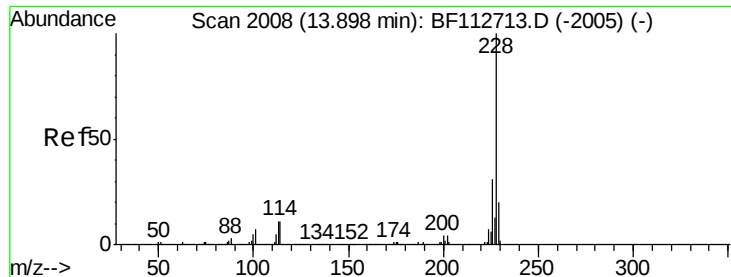
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#81
 Benzo(a)anthracene
 Concen: 6.722 ng
 RT: 13.87 min Scan# 2003
 Delta R.T. 0.01 min
 Lab File: BF112822.D
 Acq: 4 Mar 2019 14:18

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.1	22.2	33.4
229	21.8	16.0	24.0





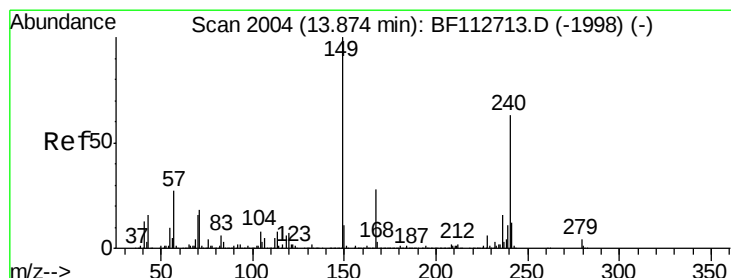
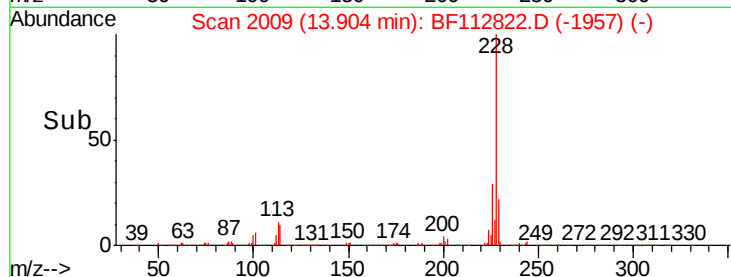
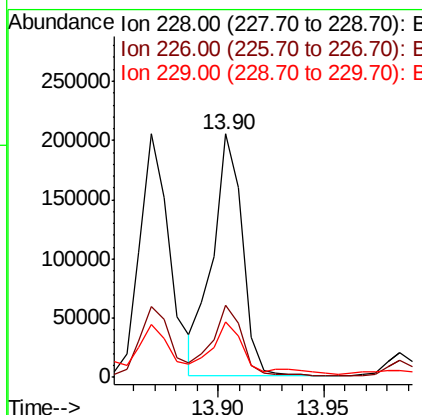
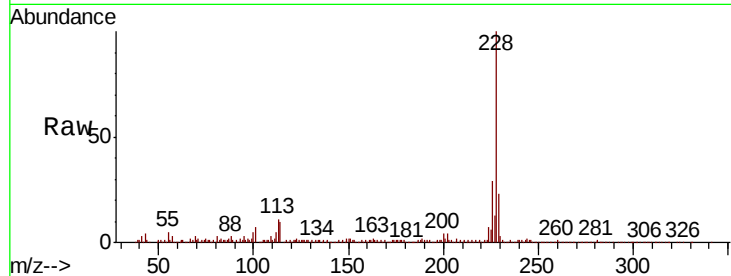
#83
 Chrvsene
 Concen: 6.876 ng
 RT: 13.90 min Scan# 2009
 Delta R.T. 0.01 min
 Lab File: BF112822.D
 Acq: 4 Mar 2019 14:18

Instrument :
 BNA_F
 ClientSampled :
 S11

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.4	24.9	37.3
229	22.8	16.3	24.5

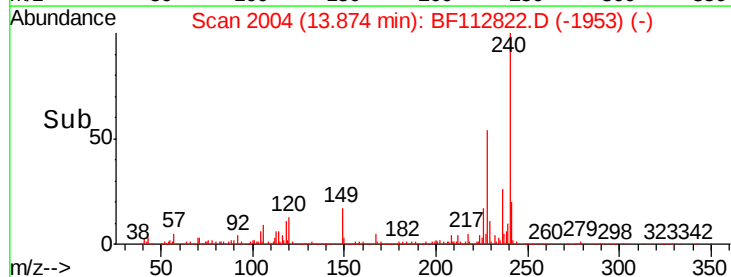
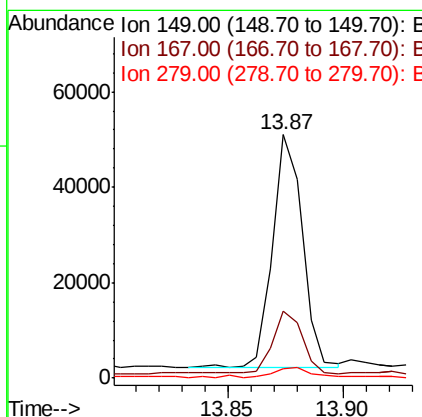
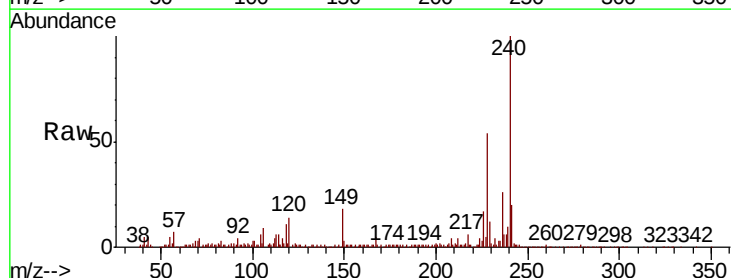
Manual Integrations
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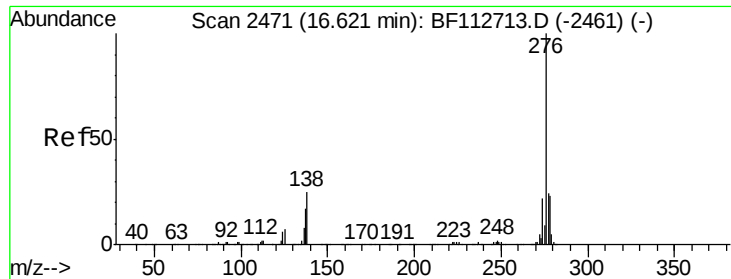
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 2.365 ng
 RT: 13.87 min Scan# 2004
 Delta R.T. -0.00 min
 Lab File: BF112822.D
 Acq: 4 Mar 2019 14:18

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.5	22.4	33.6
279	4.0	3.3	4.9





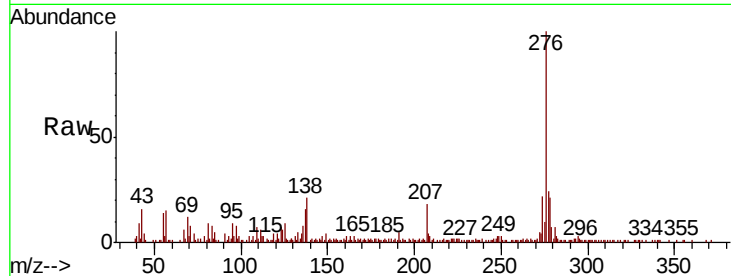
#86
 Indeno(1,2,3-cd)pyrene
 Concen: 3.284 ng/ml
 RT: 16.65 min Scan# 2476
 Delta R.T. 0.03 min
 Lab File: BF112822.D
 Acq: 4 Mar 2019 14:18

Instrument :
 BNA_F
 ClientSampleId :
 S11

Tot Ion	Ratio	Lower	Upper
276	100		
138	5.5	23.2	34.8#
277	5.6	19.9	29.9#

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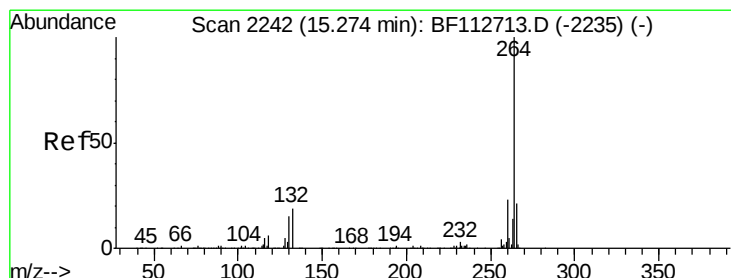
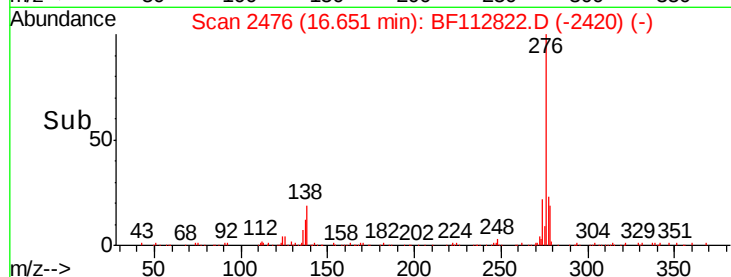
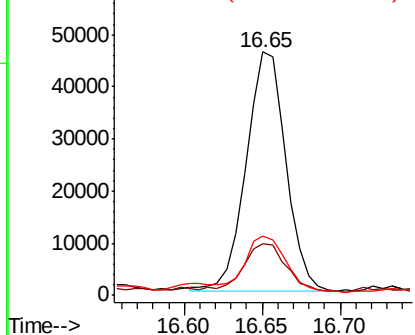


Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.29 min Scan# 2245
 Delta R.T. 0.02 min
 Lab File: BF112822.D
 Acq: 4 Mar 2019 14:18

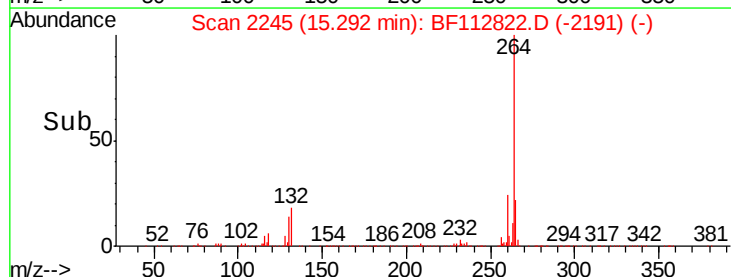
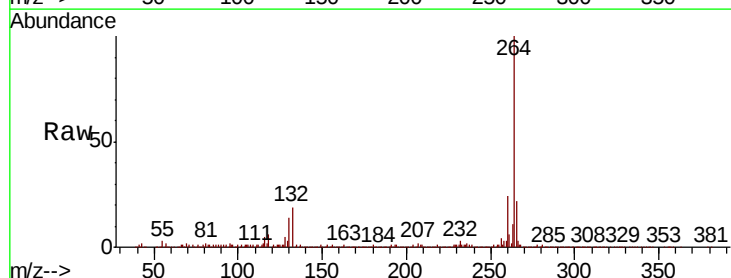
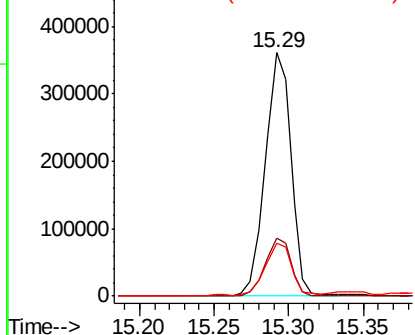
Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.7	28.1
265	21.9	17.2	25.8

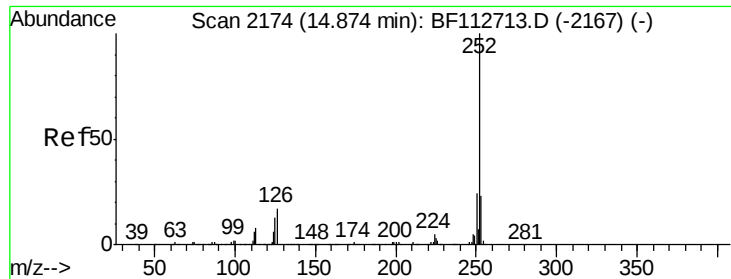
Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





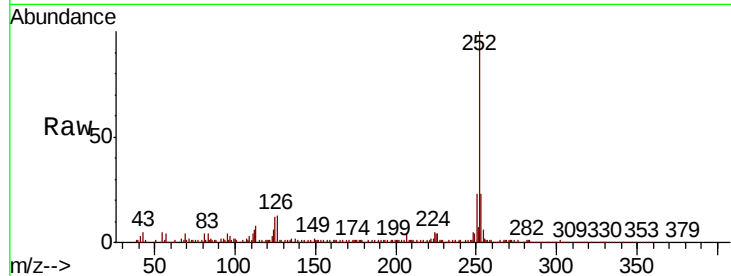
#88
Benzo(b)fluoranthene
Concen: 9.473 ng m
RT: 14.89 min Scan# 2177
Delta R.T. 0.02 min
Lab File: BF112822.D
Acq: 4 Mar 2019 14:18

Instrument :
BNA_F
ClientSampled :
S11

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.3	18.0	27.0
125	11.7	10.2	15.2

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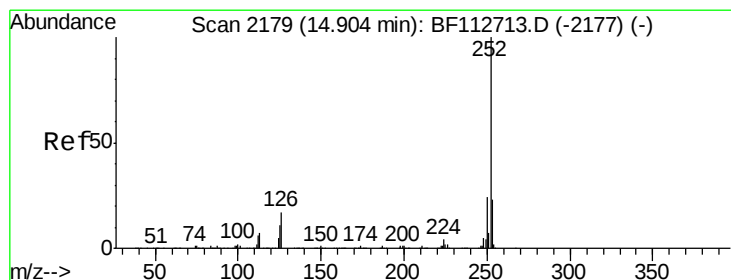
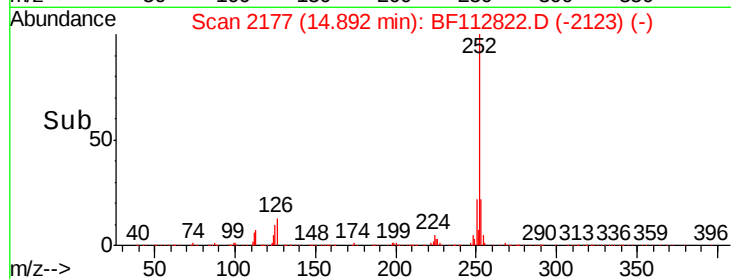
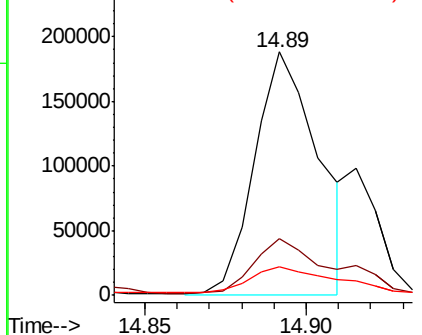


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#89
Benzo(k)fluoranthene
Concen: 2.700 ng m
RT: 14.92 min Scan# 2181
Delta R.T. 0.01 min
Lab File: BF112822.D
Acq: 4 Mar 2019 14:18

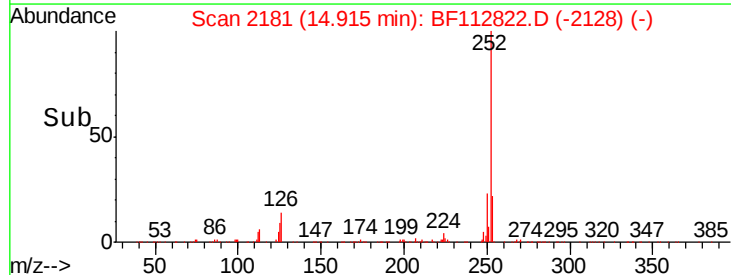
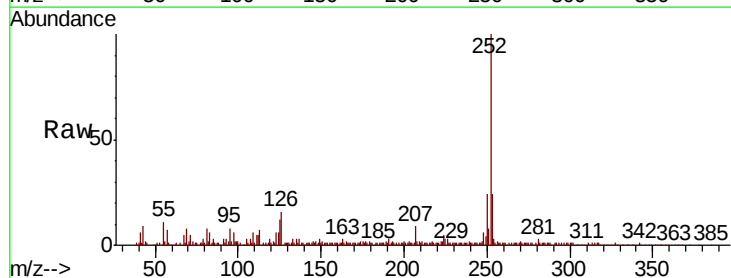
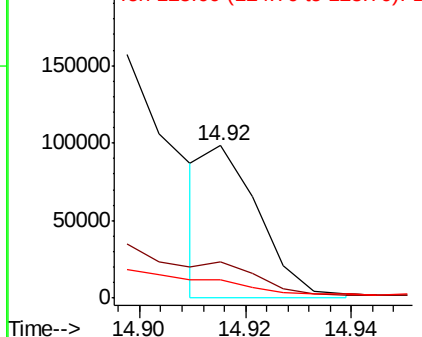
Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.6	18.2	27.2
125	11.7	9.8	14.6

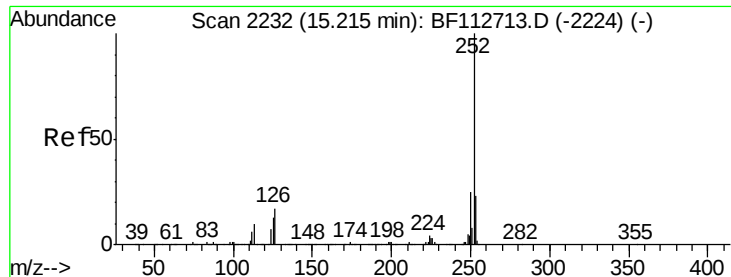
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





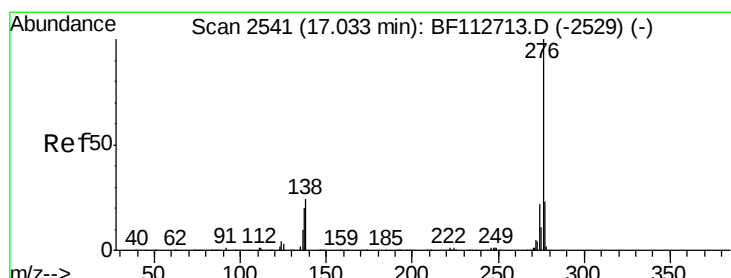
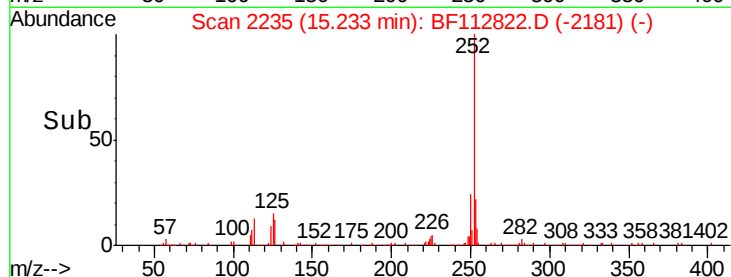
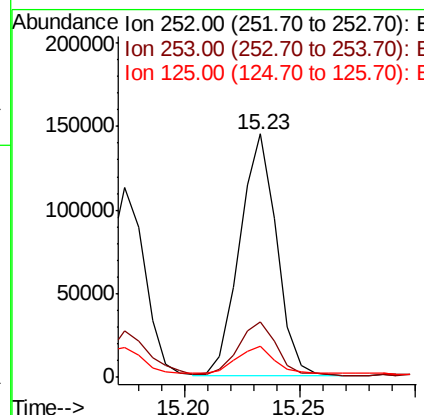
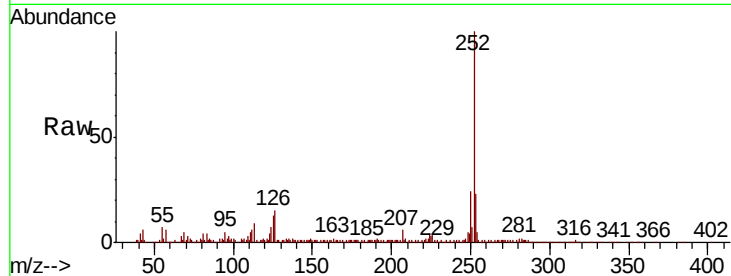
#90
Benzo(a)pyrene
Concen: 6.609 ng
RT: 15.23 min Scan# 2235
Delta R.T. 0.02 min
Lab File: BF112822.D
Acq: 4 Mar 2019 14:18

Instrument :
BNA_F
ClientSampled :
S11

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.0	27.0
125	12.7	10.7	16.1

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#92
Benzo(g,h,i)perylene
Concen: 3.550 ng
RT: 17.06 min Scan# 2545
Delta R.T. 0.02 min
Lab File: BF112822.D
Acq: 4 Mar 2019 14:18

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.0	18.6	27.8
138	21.6	19.4	29.0

