

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030519\
 Data File : BF112866.D
 Acq On : 5 Mar 2019 21:45
 Operator : JU/SJ
 Sample : K1705-11
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EXT-027-SW013-022719

Manual Integrations
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Sohil
 3/6/2019 12:24:39 PM

Quant Time: Mar 06 04:07:48 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	6.74	152	168530	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	659139	20.00	ng	0.00
39) Acenaphthene-d10	9.77	164	318265	20.00	ng	0.00
64) Phenanthrene-d10	11.25	188	597570	20.00	ng	0.00
76) Chrysene-d12	13.87	240	450738	20.00	ng	0.00
87) Perylene-d12	15.29	264	479650	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	809118	74.68	ng	0.00
7) Phenol-d6	6.37	99	1076716	79.12	ng	0.00
23) Nitrobenzene-d5	7.29	82	647345	58.77	ng	-0.01
42) 2,4,6-Tribromophenol	10.55	330	329225	97.44	ng	0.00
45) 2-Fluorobiphenyl	9.09	172	1195559	57.06	ng	0.00
79) Terphenyl-d14	12.83	244	1090233	46.89	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.49	163	88618	3.776	ng	98
71) Phenanthrene	11.27	178	281575	9.471	ng	99
72) Anthracene	11.32	178	65009	2.089	ng	98
75) Fluoranthene	12.45	202	276808	8.690	ng	97
78) Pyrene	12.68	202	228629	6.017	ng	98
81) Benzo(a)anthracene	13.86	228	129688	4.151	ng	99
83) Chrysene	13.90	228	108826	3.556	ng	98
84) Bis(2-ethylhexyl)phthalate	13.87	149	72204	3.670	ng	97
88) Benzo(b)fluoranthene	14.88	252	129010m	4.158	ng	
90) Benzo(a)pyrene	15.22	252	90967	3.315	ng	98

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

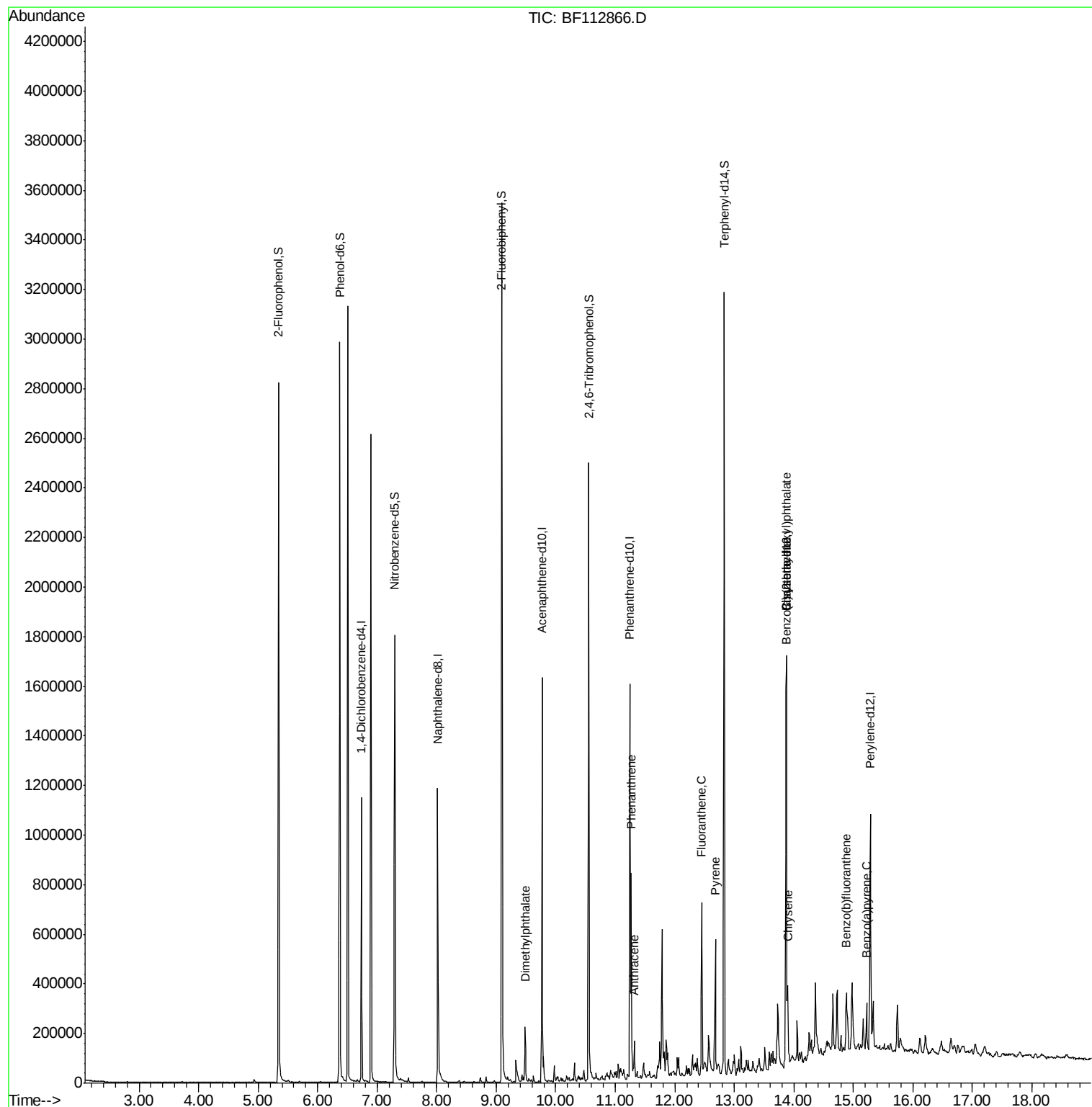
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030519\
Data File : BF112866.D
Acq On : 5 Mar 2019 21:45
Operator : JU/SJ
Sample : K1705-11
Misc :
ALS Vial : 11 Sample Multiplier: 1

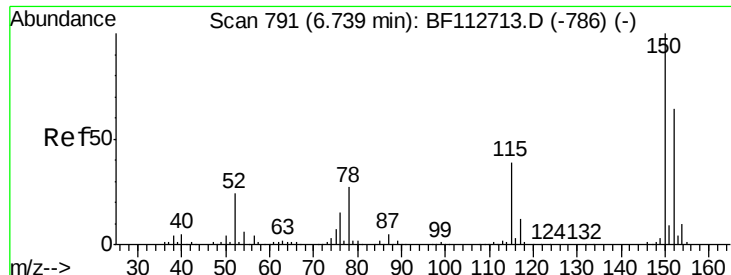
Instrument :
BNA_F
ClientSampleId :
EXT-027-SW013-022719

Manual Integrations
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3/6/2019 12:24:39 PM

Quant Time: Mar 06 04:07:48 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration





#1

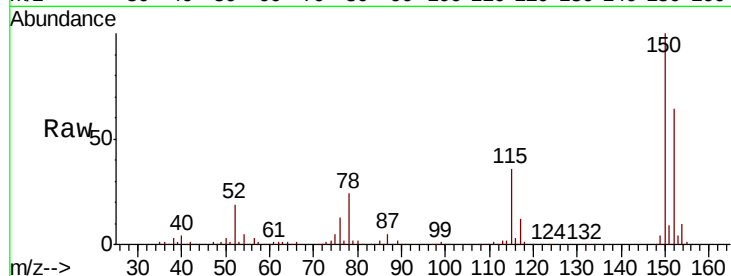
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.74 min Scan# 791
Delta R.T. 0.00 min
Lab File: BF112866.D
Acq: 5 Mar 2019 21:45

Instrument :
BNA_F
ClientSampleId :
EXT-027-SW013-022719

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.1	124.2	186.2
115	56.6	48.2	72.4

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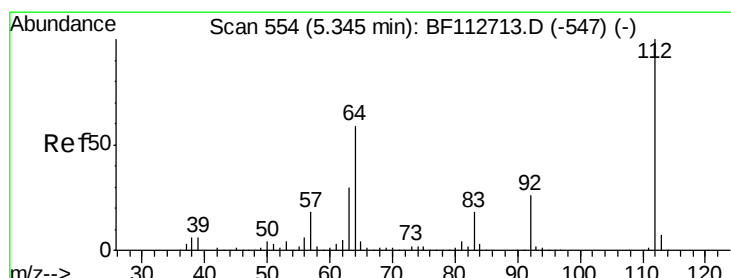
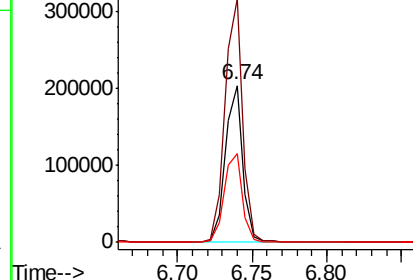
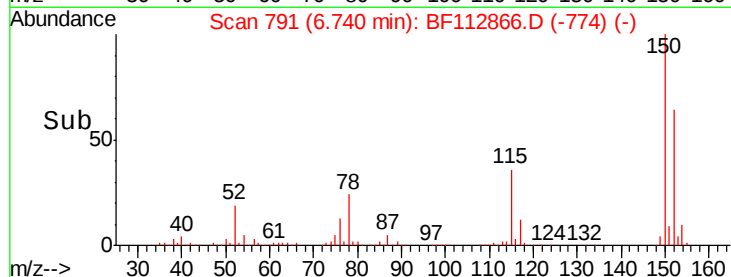


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

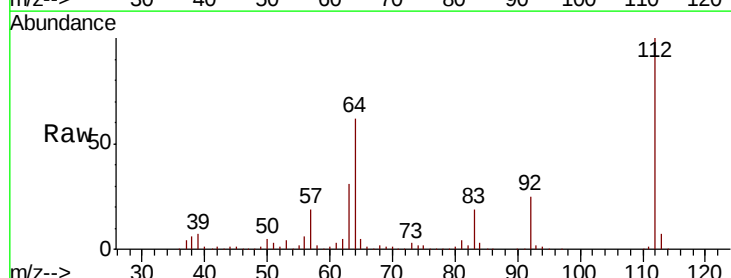
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 74.682 ng
RT: 5.35 min Scan# 554
Delta R.T. 0.00 min
Lab File: BF112866.D
Acq: 5 Mar 2019 21:45

Tgt Ion	Ratio	Lower	Upper
112	100		
64	61.6	47.6	71.4
63	31.2	24.4	36.6

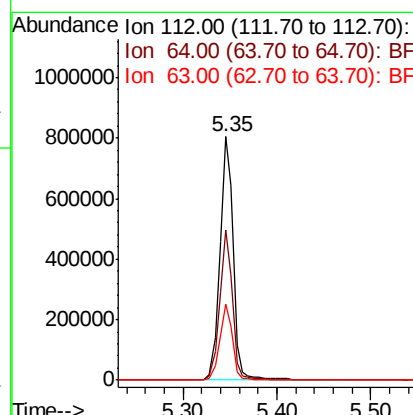
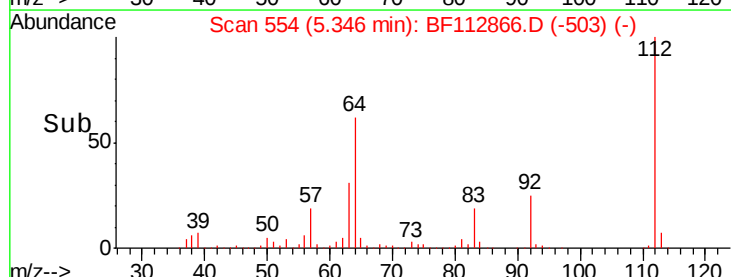


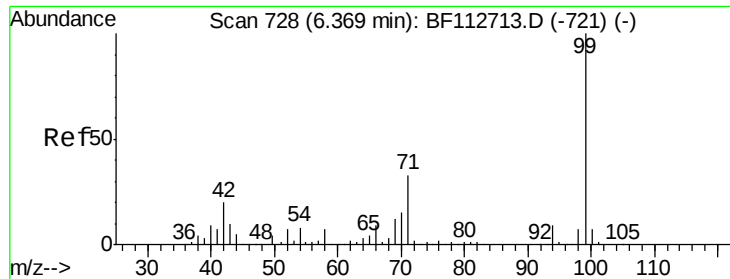
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 79.115 ng

RT: 6.37 min Scan# 729

Delta R.T. 0.01 min

Lab File: BF112866.D

Acq: 5 Mar 2019 21:45

Instrument :

BNA_F

ClientSampleId :

EXT-027-SW013-022719

Tot Ion: 99 Resp: 1076716

Ion Ratio Lower Upper

99 100

42 18.3 16.3 24.5

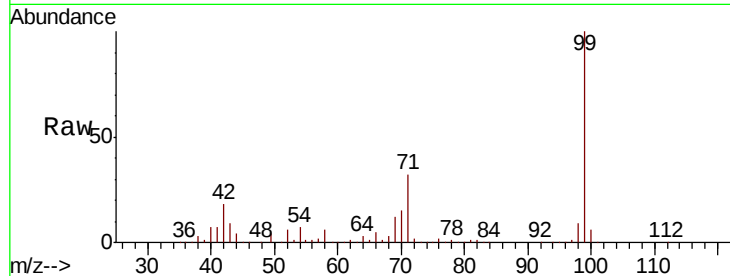
71 32.0 26.2 39.4

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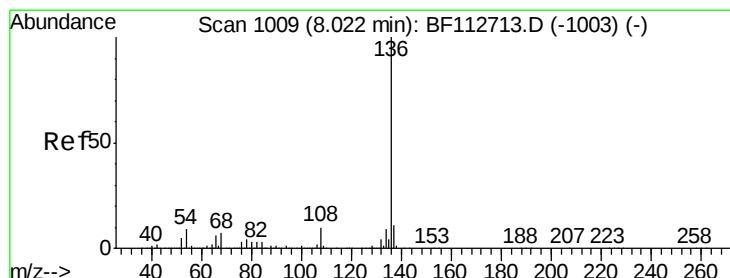
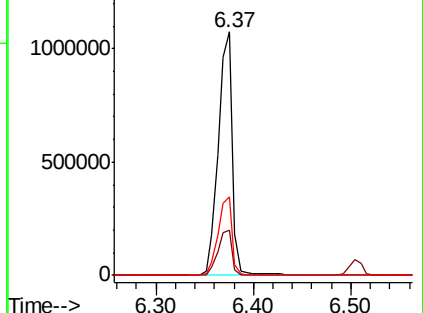
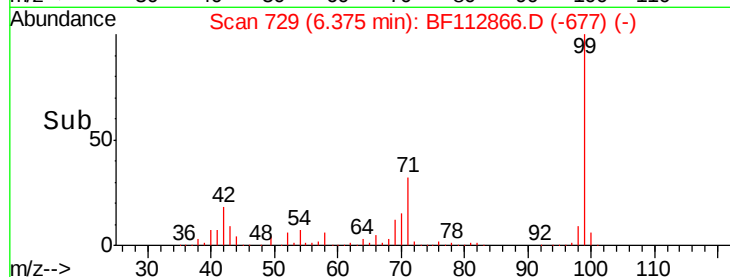
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Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.02 min Scan# 1009

Delta R.T. 0.00 min

Lab File: BF112866.D

Acq: 5 Mar 2019 21:45

Tgt Ion: 136 Resp: 659139

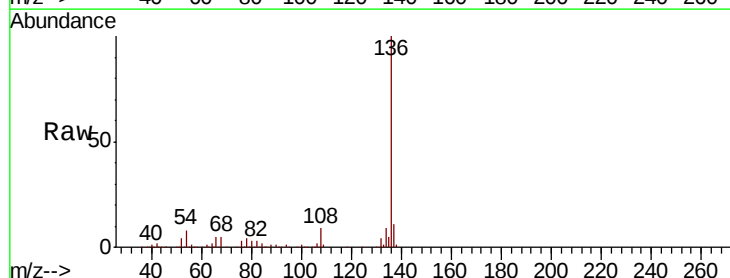
Ion Ratio Lower Upper

136 100

137 10.7 8.9 13.3

54 7.5 7.3 10.9

68 5.3 5.4 8.2#

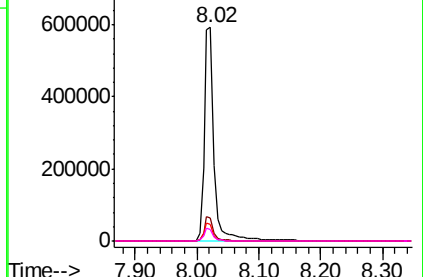
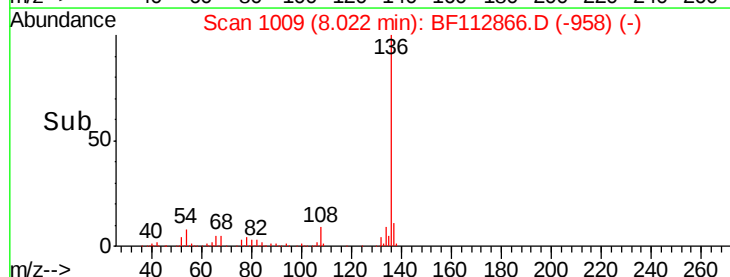


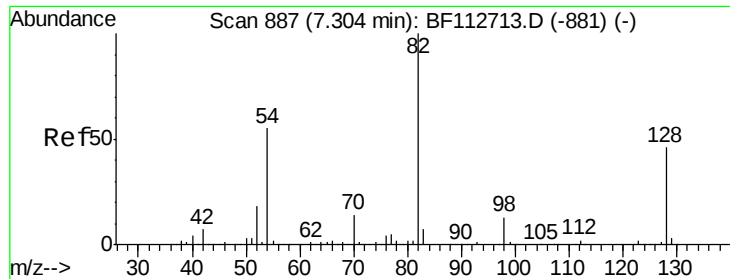
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1





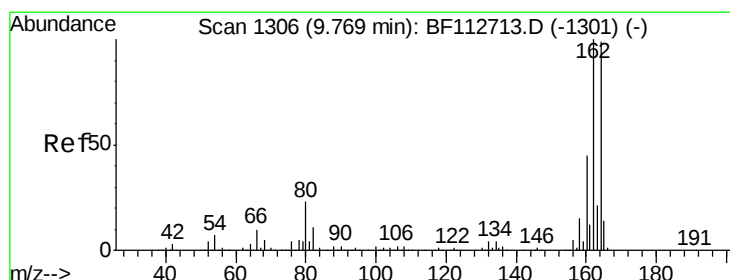
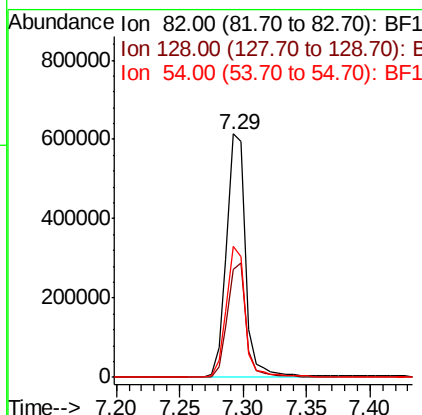
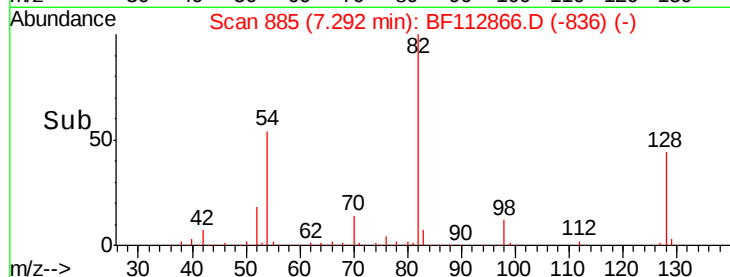
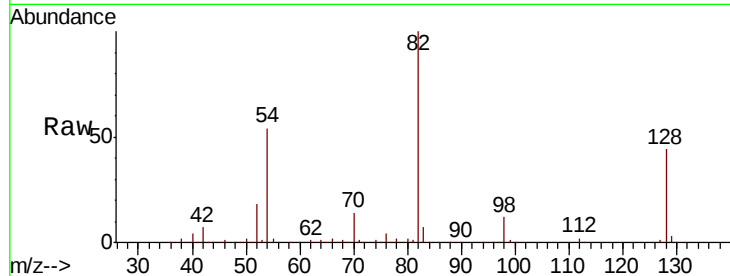
#23
Nitrobenzene-d5
Concen: 58.767 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.01 min
Lab File: BF112866.D
Acq: 5 Mar 2019 21:45

Instrument :
BNA_F
ClientSampleId :
EXT-027-SW013-022719

Tot Ion	Ratio	Lower	Upper
82	100		
128	44.3	36.3	54.5
54	54.0	43.7	65.5

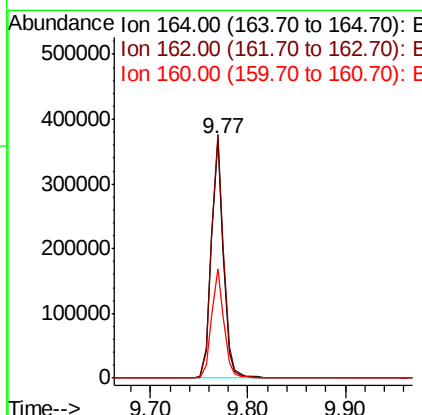
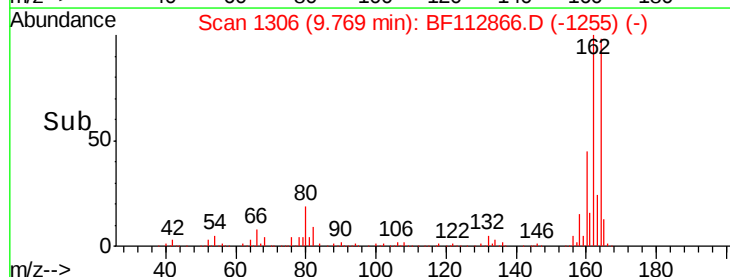
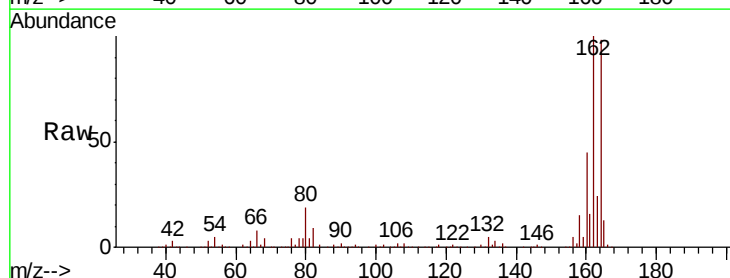
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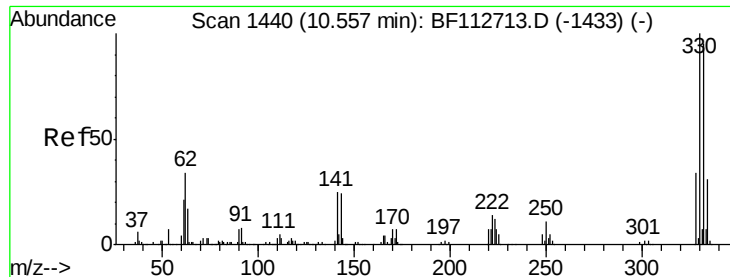
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.77 min Scan# 1306
Delta R.T. 0.00 min
Lab File: BF112866.D
Acq: 5 Mar 2019 21:45

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.1	80.6	120.8
160	45.9	36.0	54.0





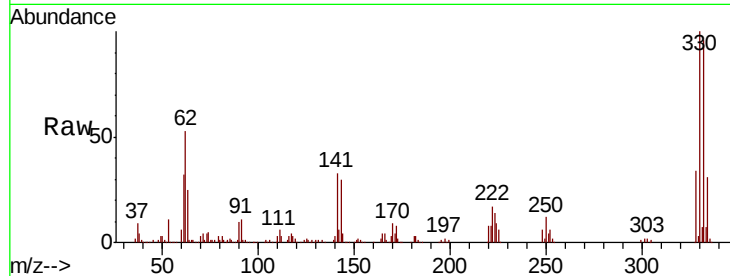
#42
 2,4,6-Tribromophenol
 Concen: 97.439 ng
 RT: 10.55 min Scan# 1439
 Delta R.T. -0.01 min
 Lab File: BF112866.D
 Acq: 5 Mar 2019 21:45

Instrument :
 BNA_F
 ClientSampleId :
 EXT-027-SW013-022719

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.2	76.2	114.4
141	30.1	27.0	40.6

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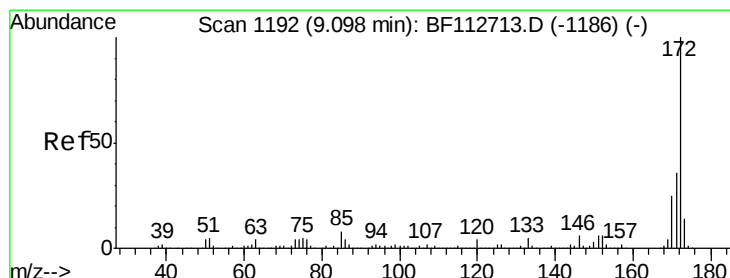
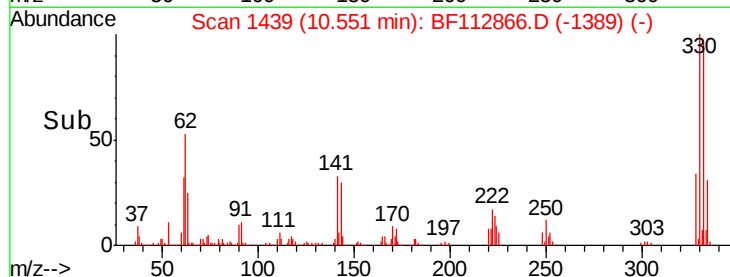
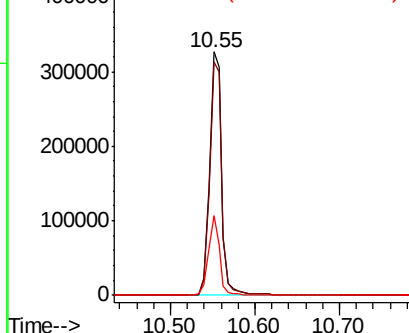


Abundance

Ion 329.80 (329.50 to 330.50): E

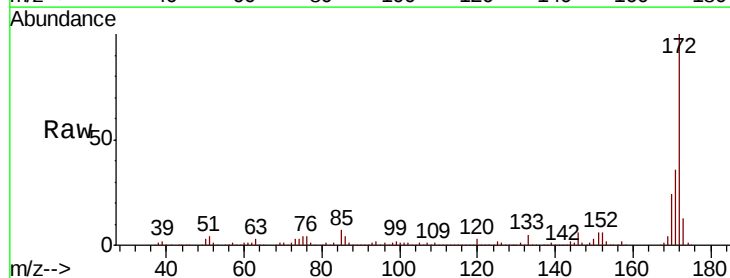
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 57.062 ng
 RT: 9.09 min Scan# 1191
 Delta R.T. -0.01 min
 Lab File: BF112866.D
 Acq: 5 Mar 2019 21:45

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.0	43.4
170	24.3	20.0	30.0

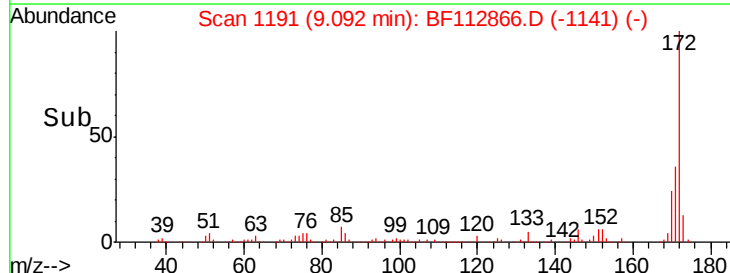
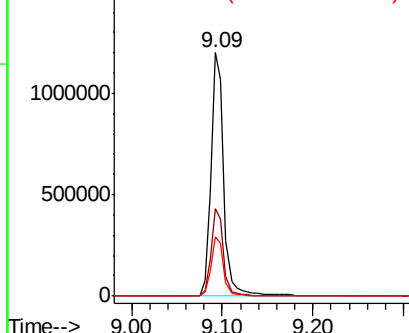


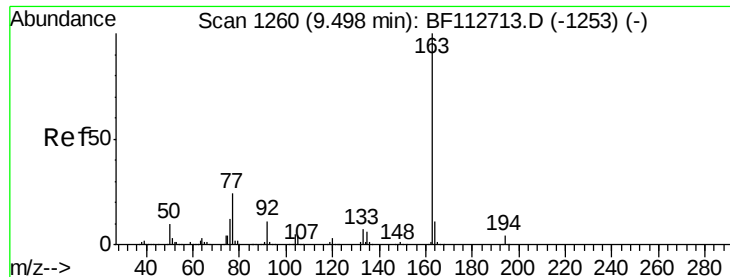
Abundance

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





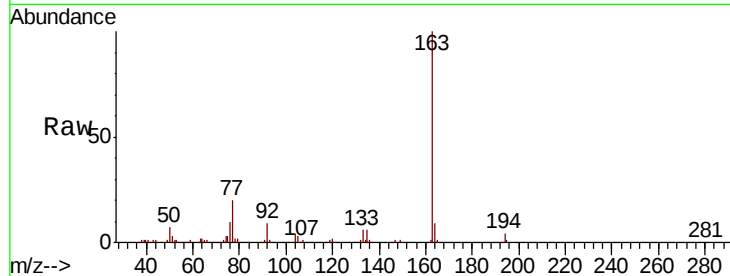
#50
Dimethylphthalate
Concen: 3.776 ng
RT: 9.49 min Scan# 1258
Delta R.T. -0.01 min
Lab File: BF112866.D
Acq: 5 Mar 2019 21:45

Instrument :
BNA_F
ClientSampleId :
EXT-027-SW013-022719

Tot Ion	Ratio	Resp Lower	Upper
163	100		
194	3.6	3.0	4.4
164	9.4	8.4	12.6

Manual Integrations
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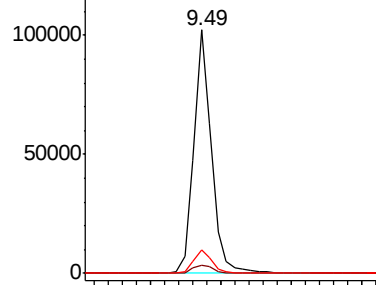


Abundance

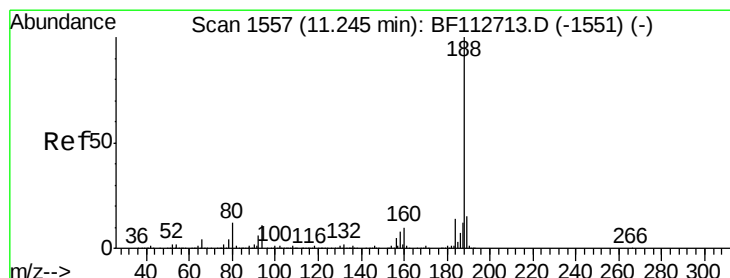
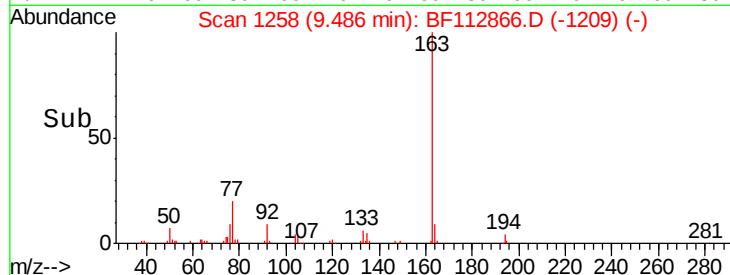
Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

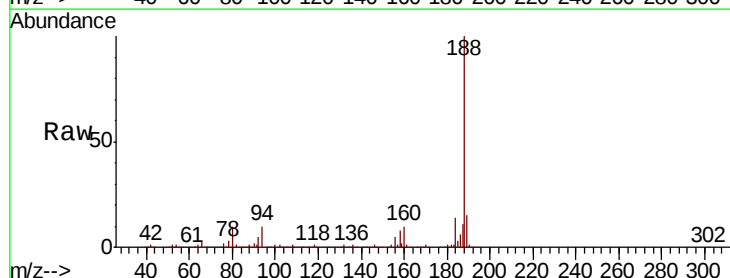


Time-->



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1557
Delta R.T. 0.00 min
Lab File: BF112866.D
Acq: 5 Mar 2019 21:45

Tgt Ion	Ratio	Resp Lower	Upper
188	100		
94	9.7	9.0	13.4
80	10.4	9.2	13.8

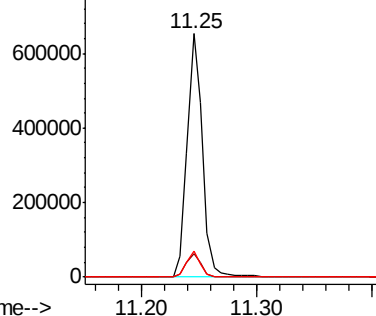


Abundance

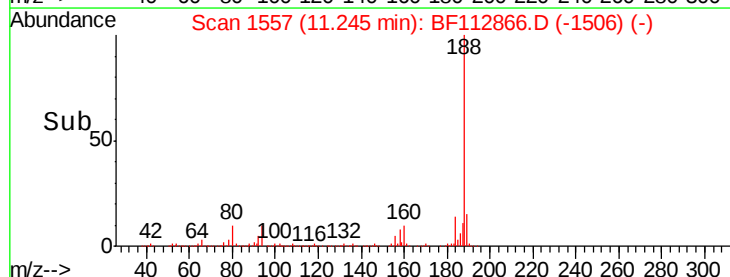
Ion 188.00 (187.70 to 188.70): E

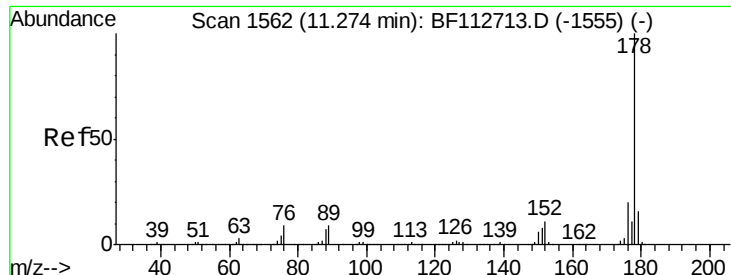
Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



Time-->





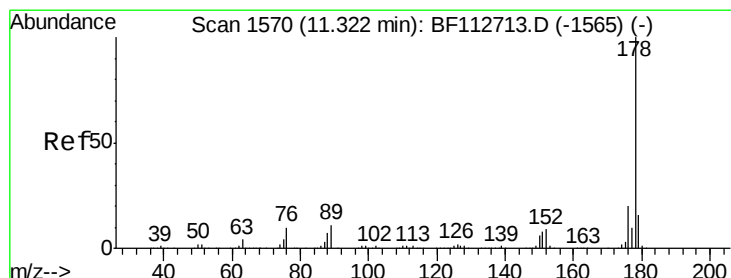
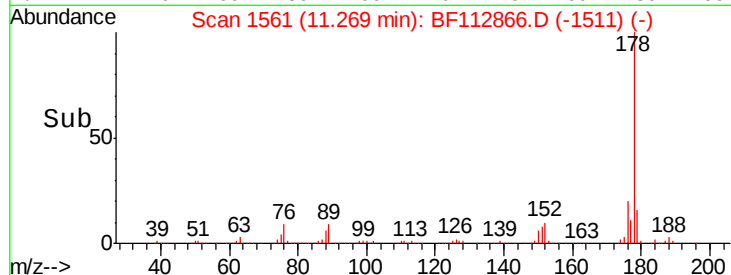
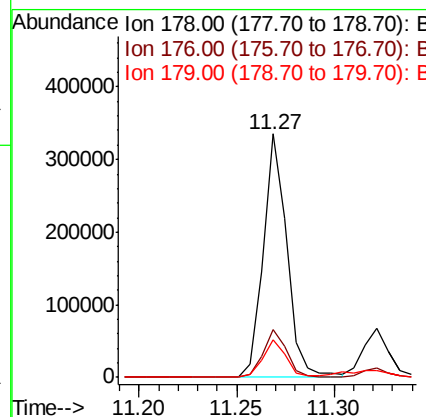
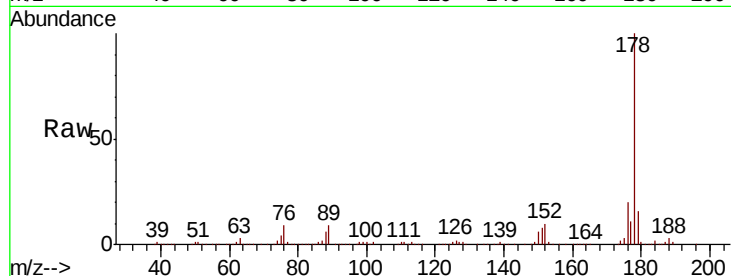
#71
Phenanthrene
Concen: 9.471 ng
RT: 11.27 min Scan# 1561
Delta R.T. -0.01 min
Lab File: BF112866.D
Acq: 5 Mar 2019 21:45

Instrument :
BNA_F
ClientSampleId :
EXT-027-SW013-022719

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.7	16.3	24.5
179	15.6	12.7	19.1

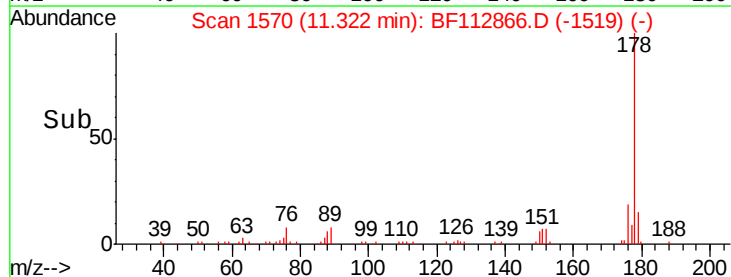
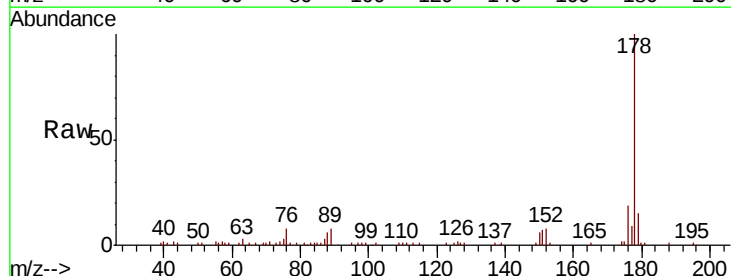
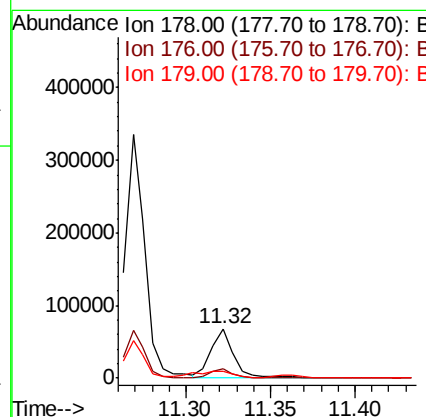
Manual Integrations
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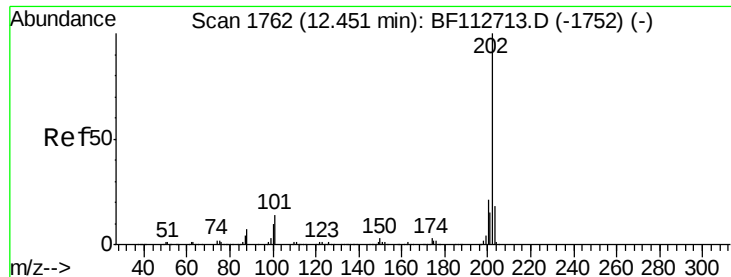
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3/6/2019 12:24:39 PM



#72
Anthracene
Concen: 2.089 ng
RT: 11.32 min Scan# 1570
Delta R.T. 0.00 min
Lab File: BF112866.D
Acq: 5 Mar 2019 21:45

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.8	23.6
179	14.8	13.0	19.6





#75

Fluoranthene

Concen: 8.690 ng

RT: 12.45 min Scan# 1762

Delta R.T. 0.00 min

Lab File: BF112866.D

Acq: 5 Mar 2019 21:45

Instrument :

BNA_F

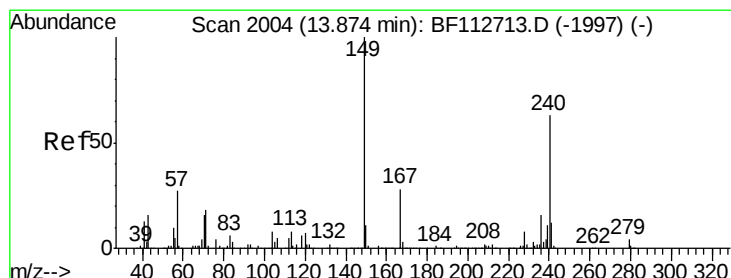
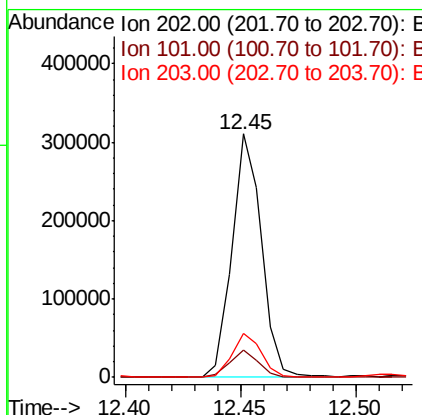
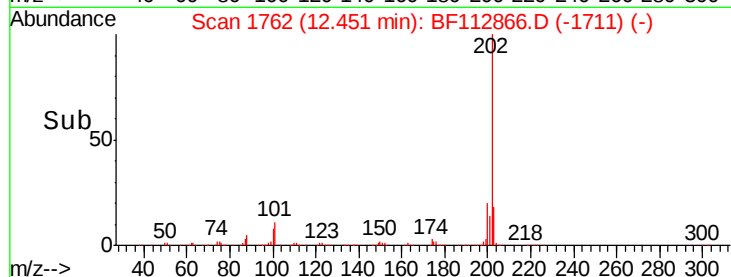
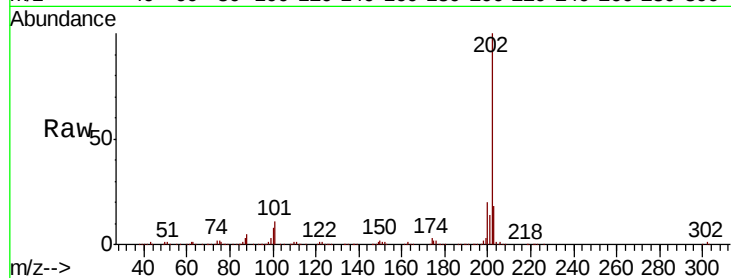
ClientSampleId :

EXT-027-SW013-022719

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	11.5	0.0	33.8
203	18.1	0.0	38.4

Manual Integrations
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#76

Chrysene-d12

Concen: 20.000 ng

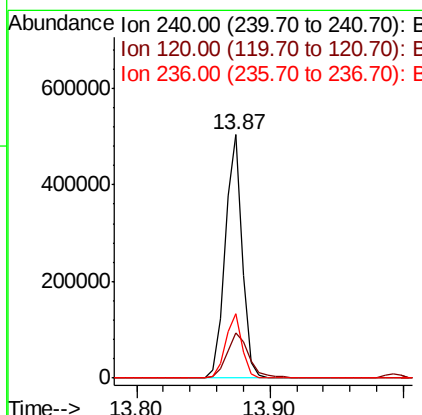
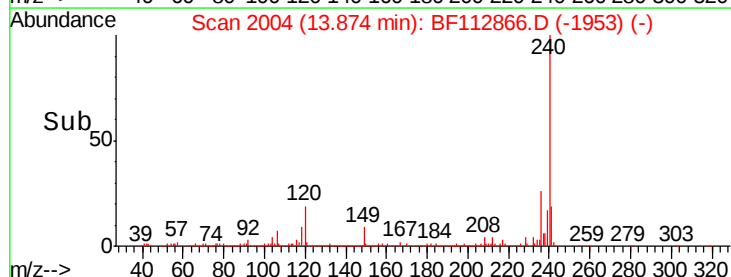
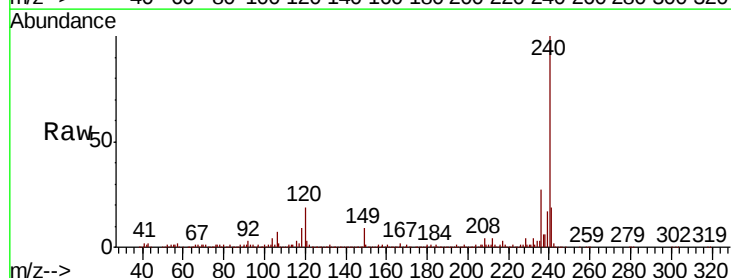
RT: 13.87 min Scan# 2004

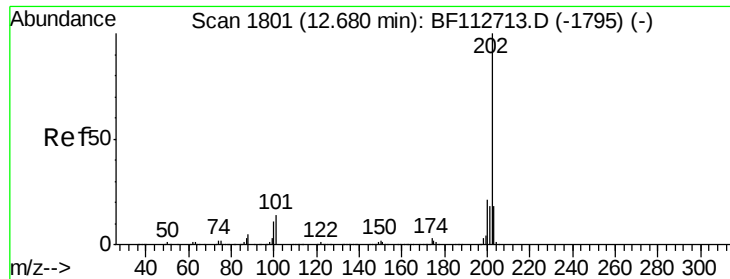
Delta R.T. 0.00 min

Lab File: BF112866.D

Acq: 5 Mar 2019 21:45

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	18.8	8.9	13.3#
236	26.5	20.7	31.1





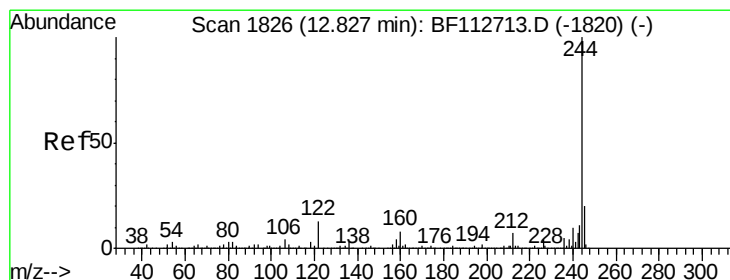
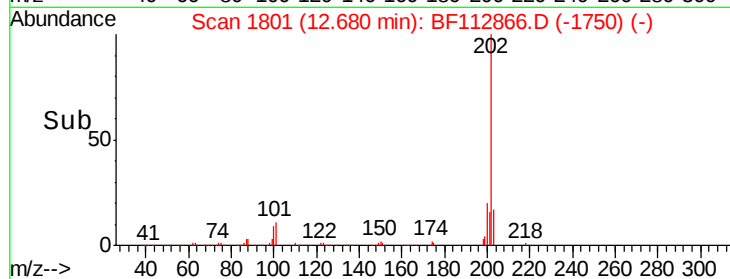
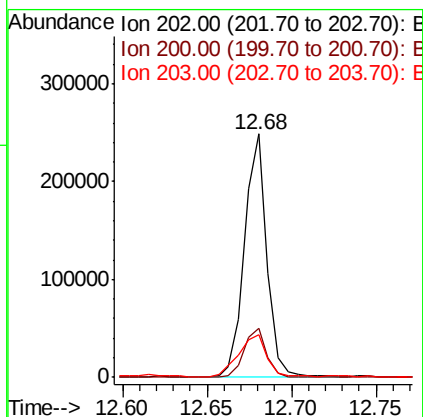
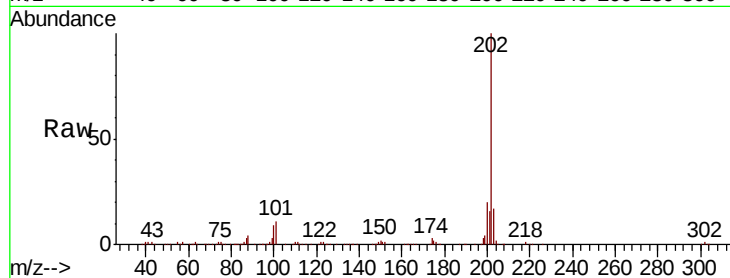
#78
Pvrene
Concen: 6.017 ng
RT: 12.68 min Scan# 1801
Delta R.T. 0.00 min
Lab File: BF112866.D
Acq: 5 Mar 2019 21:45

Instrument :
BNA_F
ClientSampleId :
EXT-027-SW013-022719

Tot Ion	Ratio	Lower	Upper
202	100		
200	20.3	17.0	25.4
203	17.4	14.4	21.6

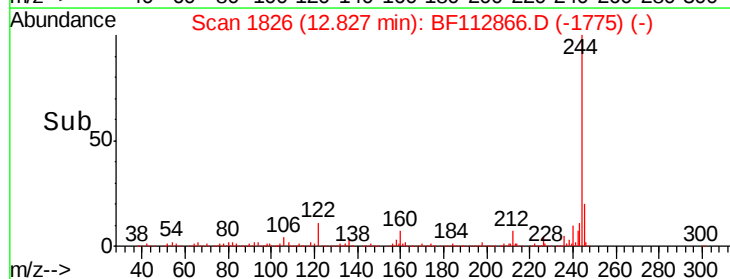
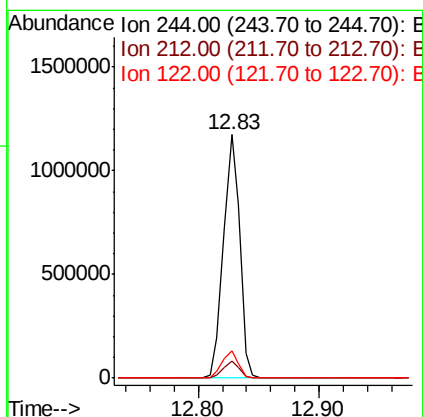
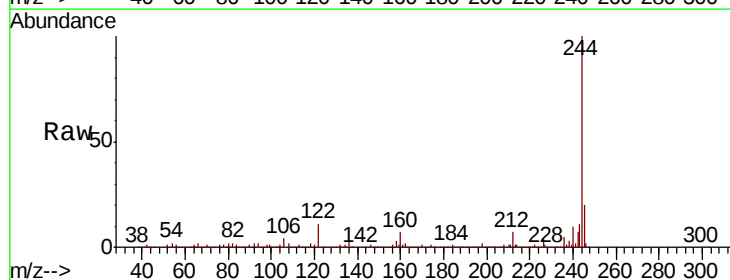
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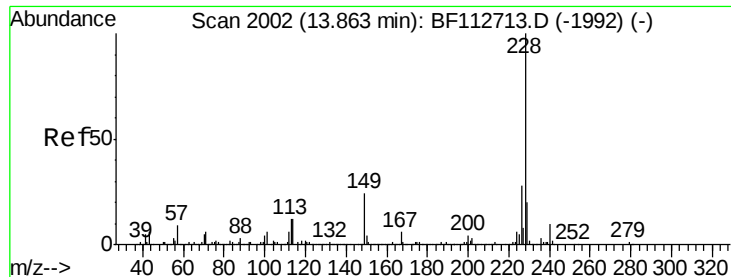
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#79
Terphenyl-d14
Concen: 46.888 ng
RT: 12.83 min Scan# 1826
Delta R.T. 0.00 min
Lab File: BF112866.D
Acq: 5 Mar 2019 21:45

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.6	8.4
122	11.2	10.5	15.7





#81

Benzo(a)anthracene

Concen: 4.151 ng

RT: 13.86 min Scan# 2002

Delta R.T. 0.00 min

Lab File: BF112866.D

Acq: 5 Mar 2019 21:45

Instrument :

BNA_F

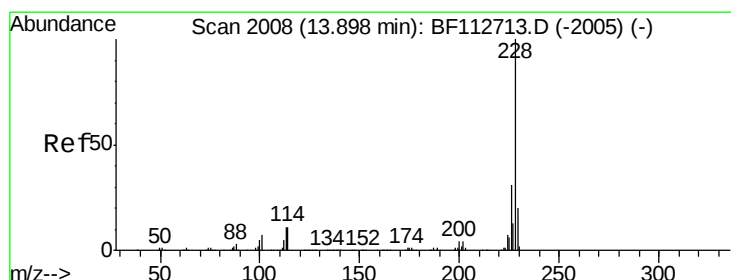
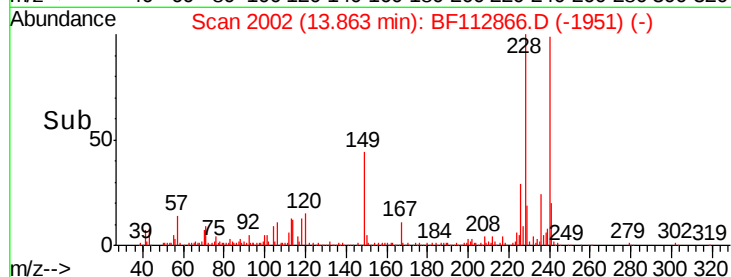
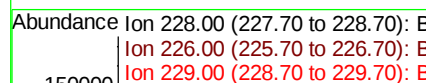
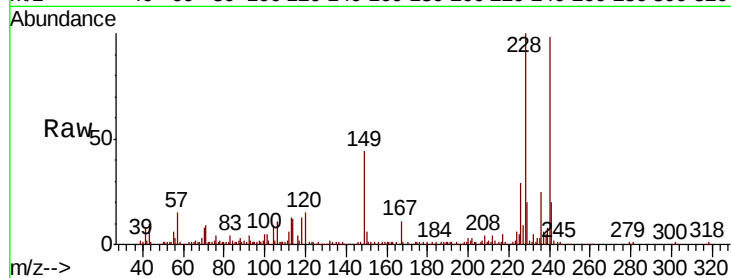
ClientSampleId :

EXT-027-SW013-022719

Tot Ion:	228	Resp:	129688
Ion Ratio	Lower	Upper	
228	100		
226	28.9	22.2	33.4
229	19.9	16.0	24.0

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#83

Chrysene

Concen: 3.556 ng

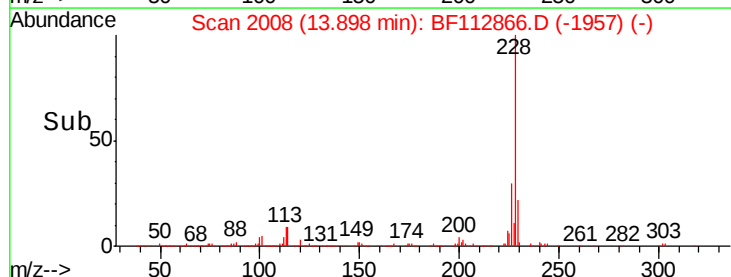
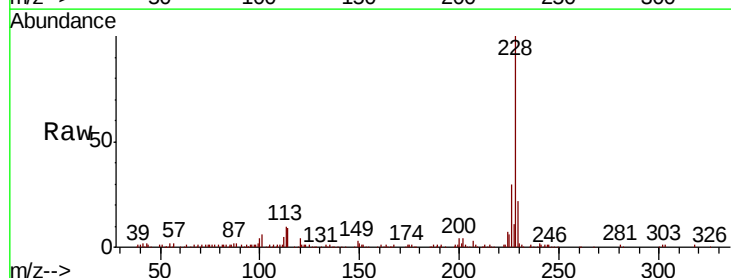
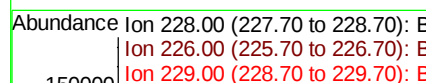
RT: 13.90 min Scan# 2008

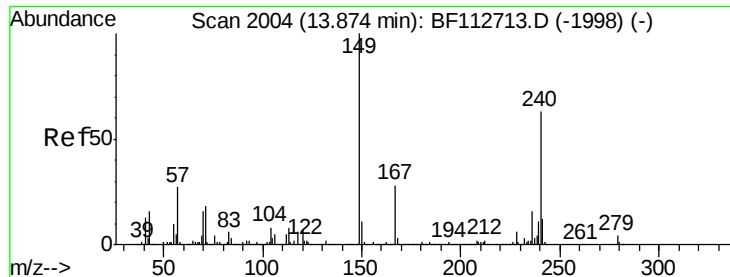
Delta R.T. 0.00 min

Lab File: BF112866.D

Acq: 5 Mar 2019 21:45

Tgt Ion:	228	Resp:	108826
Ion Ratio	Lower	Upper	
228	100		
226	30.5	24.9	37.3
229	22.0	16.3	24.5





#84

Bis(2-ethylhexyl)phthalate

Concen: 3.670 ng

RT: 13.87 min Scan# 2003

Delta R.T. -0.01 min

Lab File: BF112866.D

Acq: 5 Mar 2019 21:45

Instrument :

BNA_F

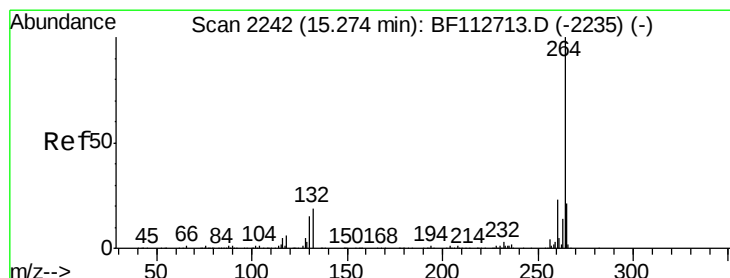
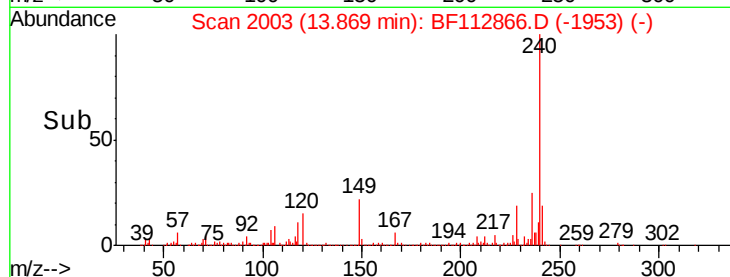
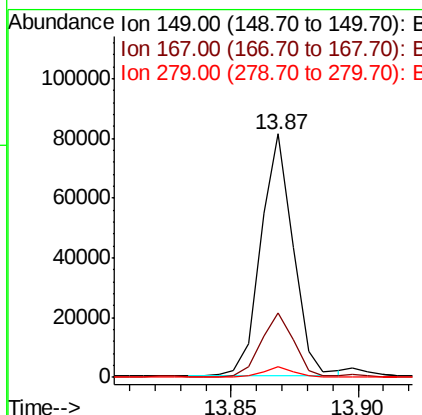
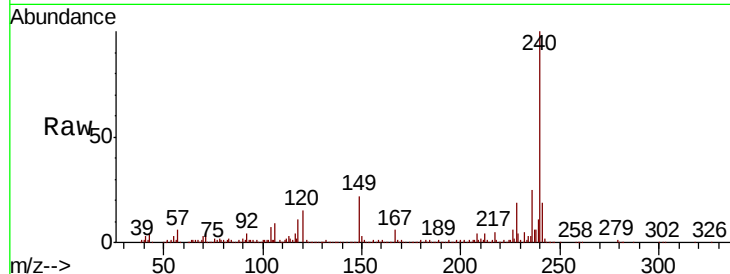
ClientSampleId :

EXT-027-SW013-022719

Tot Ion:	149	Resp:	72204
Ion Ratio	Lower	Upper	
149	100		
167	26.3	22.4	33.6
279	4.2	3.3	4.9

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#87

Perylene-d12

Concen: 20.000 ng

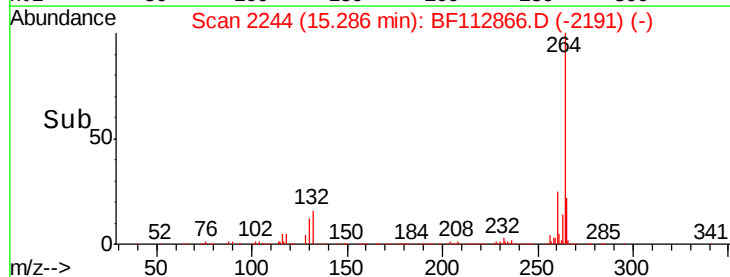
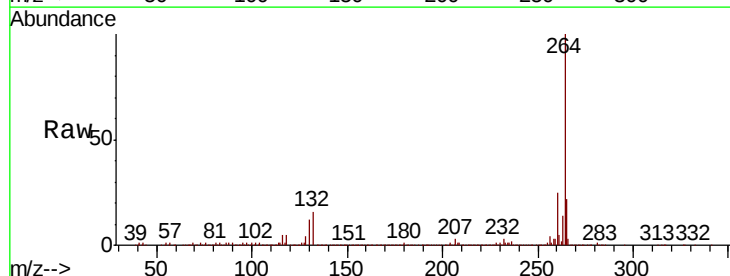
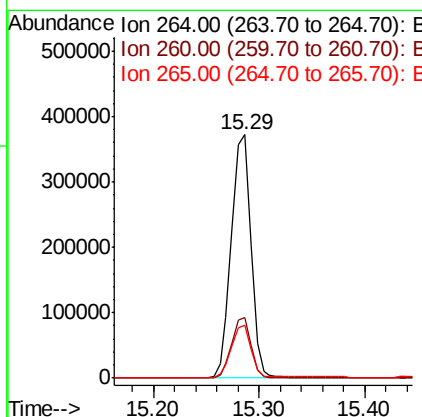
RT: 15.29 min Scan# 2244

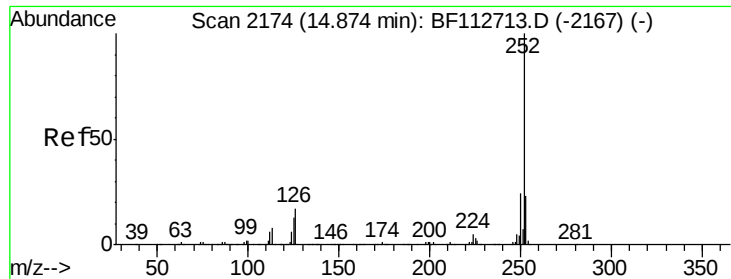
Delta R.T. 0.01 min

Lab File: BF112866.D

Acq: 5 Mar 2019 21:45

Tgt Ion:	264	Resp:	479650
Ion Ratio	Lower	Upper	
264	100		
260	24.7	18.7	28.1
265	21.8	17.2	25.8





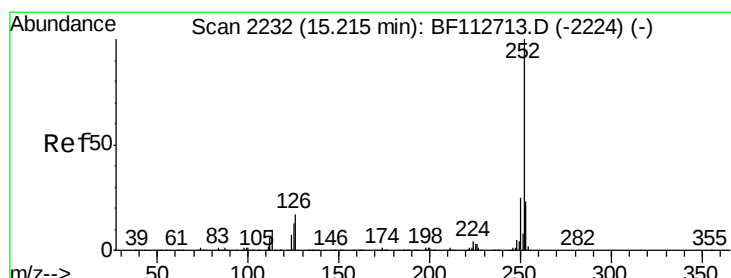
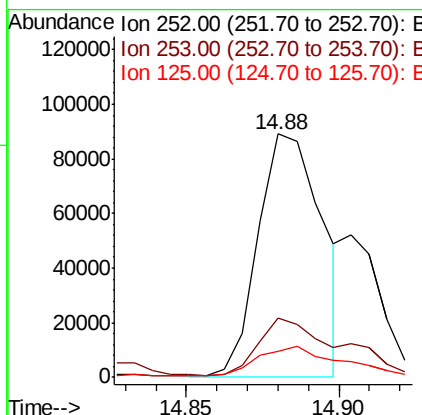
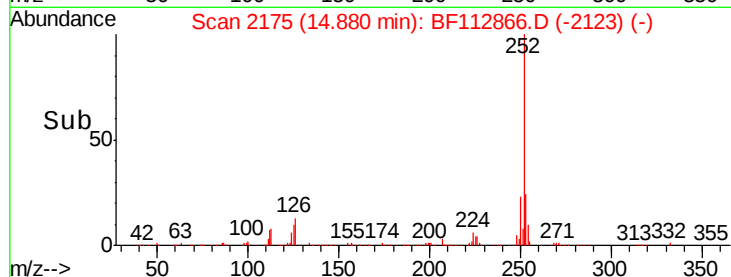
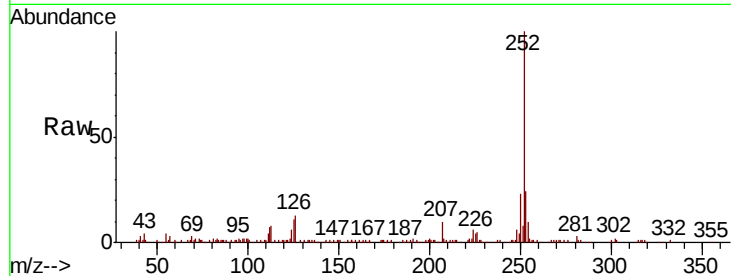
#88
Benzo(b)fluoranthene
Concen: 4.158 ng m
RT: 14.88 min Scan# 2175
Delta R.T. 0.01 min
Lab File: BF112866.D
Acq: 5 Mar 2019 21:45

Instrument :
BNA_F
ClientSampleId :
EXT-027-SW013-022719

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.3	18.0	27.0
125	10.9	10.2	15.2

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#90
Benzo(a)pyrene
Concen: 3.315 ng
RT: 15.22 min Scan# 2233
Delta R.T. 0.01 min
Lab File: BF112866.D
Acq: 5 Mar 2019 21:45

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.0	27.0
125	12.1	10.7	16.1

