

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030619\
 Data File : BF112907.D
 Acq On : 7 Mar 2019 3:27
 Operator : JU/SJ
 Sample : K1705-11
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

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

Manual Integrations
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Sohil
 3/7/2019 11:02:59 AM

Quant Time: Mar 07 05:45:17 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	6.73	152	194885	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	712098	20.00	ng	-0.01
39) Acenaphthene-d10	9.76	164	304174	20.00	ng	-0.01
64) Phenanthrene-d10	11.24	188	548362	20.00	ng	0.00
76) Chrysene-d12	13.86	240	535733	20.00	ng	-0.01
87) Perylene-d12	15.26	264	536567	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	957100	76.39	ng	0.00
7) Phenol-d6	6.36	99	1195335	75.95	ng	0.00
23) Nitrobenzene-d5	7.29	82	701976	58.99	ng	-0.02
42) 2,4,6-Tribromophenol	10.55	330	293466	90.88	ng	-0.01
45) 2-Fluorobiphenyl	9.09	172	1192482	60.13	ng	-0.01
79) Terphenyl-d14	12.82	244	1132169	40.97	ng	-0.01
Target Compounds						
50) Dimethylphthalate	9.48	163	84825	3.782	ng	Qvalue # 98
71) Phenanthrene	11.26	178	255638	9.370	ng	97
72) Anthracene	11.31	178	61715	2.161	ng	97
75) Fluoranthene	12.44	202	298292	10.205	ng	97
78) Pyrene	12.67	202	259101	5.737	ng	98
81) Benzo(a)anthracene	13.85	228	143513	3.865	ng	98
83) Chrysene	13.89	228	138977	3.821	ng	97
84) Bis(2-ethylhexyl)phthalate	13.86	149	78379	3.352	ng	99
88) Benzo(b)fluoranthene	14.87	252	168997m	4.869	ng	
90) Benzo(a)pyrene	15.20	252	102657	3.344	ng	98

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

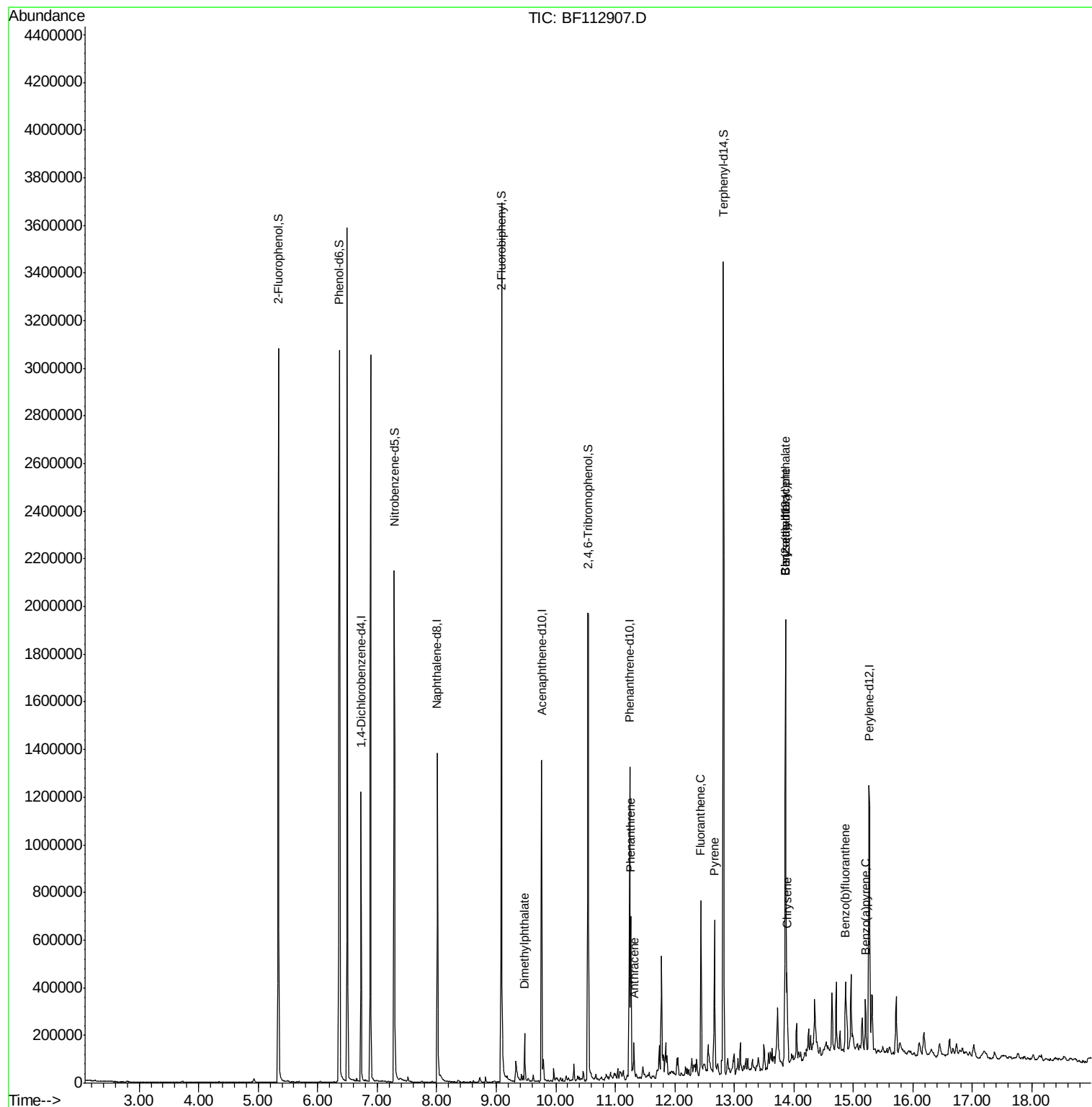
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030619\
Data File : BF112907.D
Acq On : 7 Mar 2019 3:27
Operator : JU/SJ
Sample : K1705-11
Misc :
ALS Vial : 25 Sample Multiplier: 1

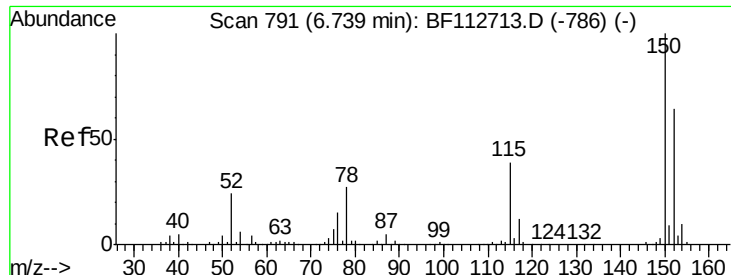
Instrument :
BNA_F
ClientSampleId :
EXT-027-SW013-022719

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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

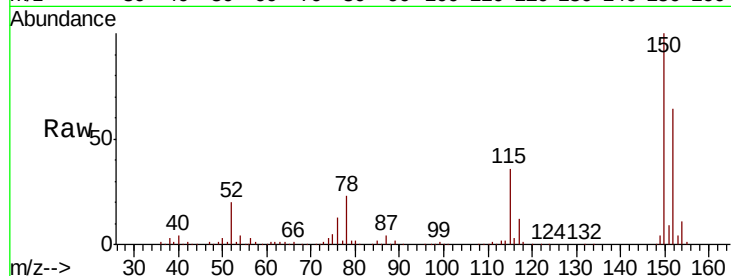
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 790
Delta R.T. -0.01 min
Lab File: BF112907.D
Acq: 7 Mar 2019 3:27

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

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.5	124.2	186.2
115	55.9	48.2	72.4

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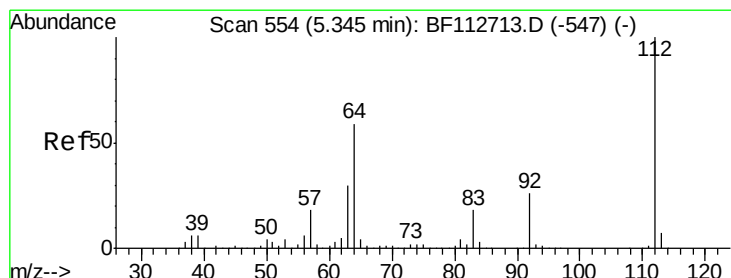
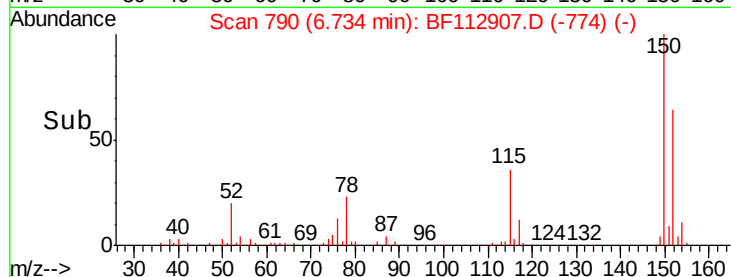
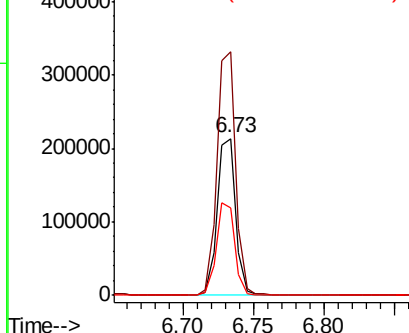


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

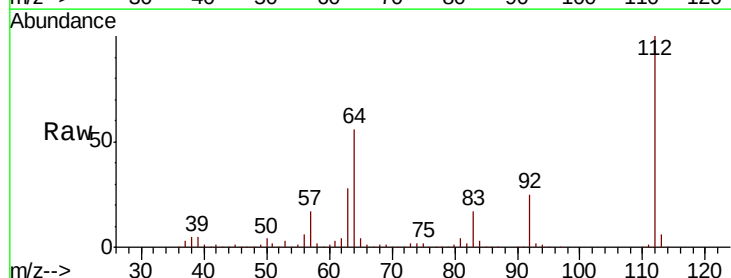
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 76.394 ng
RT: 5.35 min Scan# 554
Delta R.T. -0.00 min
Lab File: BF112907.D
Acq: 7 Mar 2019 3:27

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.2	47.6	71.4
63	28.3	24.4	36.6

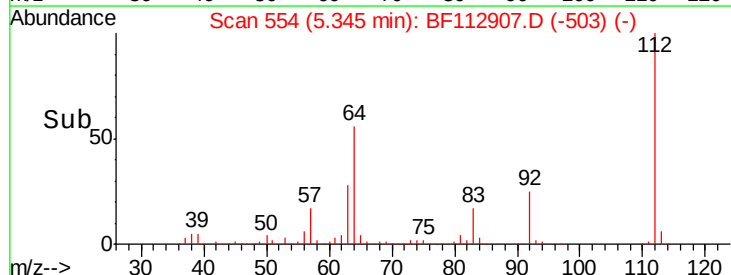
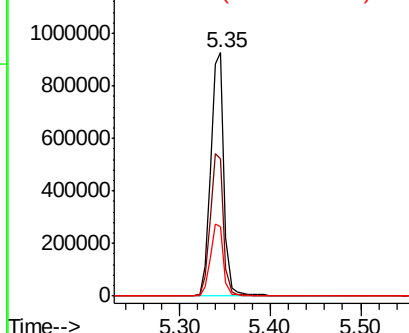


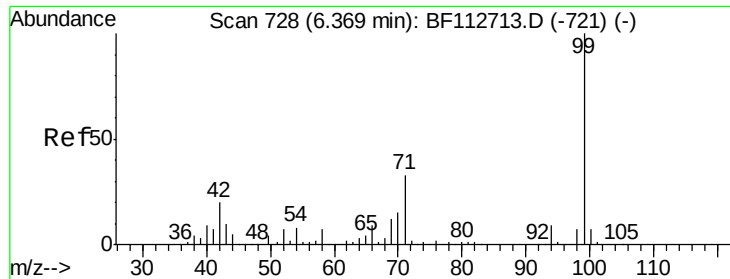
Abundance

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: 75.953 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF112907.D

Acq: 7 Mar 2019 3:27

Instrument :

BNA_F

ClientSampleId :

EXT-027-SW013-022719

Tot Ion: 99 Resp: 1195335

Ion Ratio Lower Upper

99 100

42 18.3 16.3 24.5

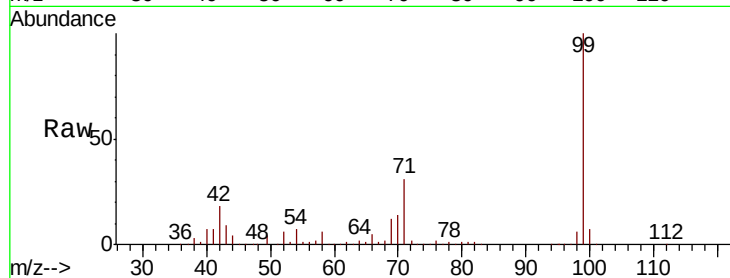
71 31.3 26.2 39.4

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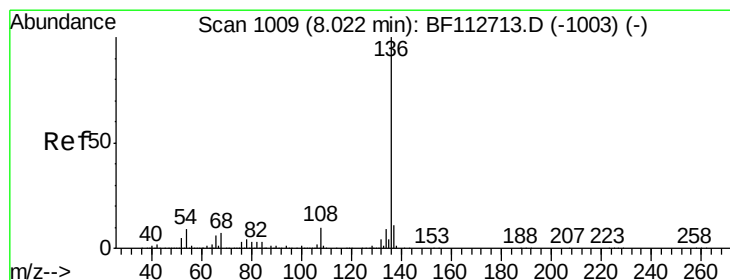
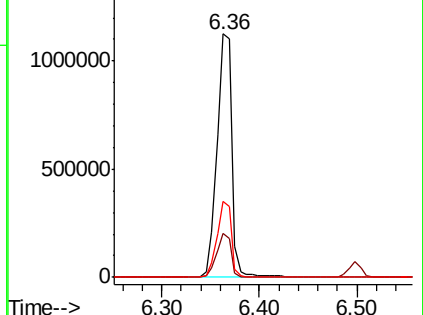
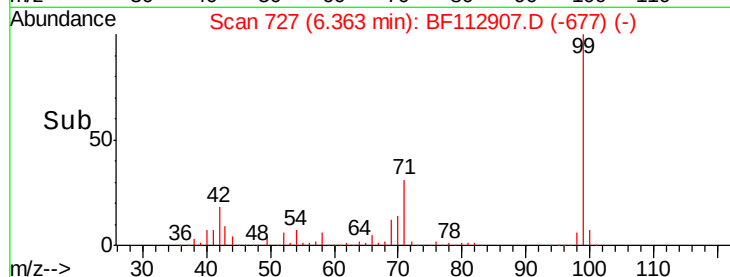
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Abundance Ion 99.00 (98.70 to 99.70): BF1

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: 8.01 min Scan# 1007

Delta R.T. -0.01 min

Lab File: BF112907.D

Acq: 7 Mar 2019 3:27

Tgt Ion: 136 Resp: 712098

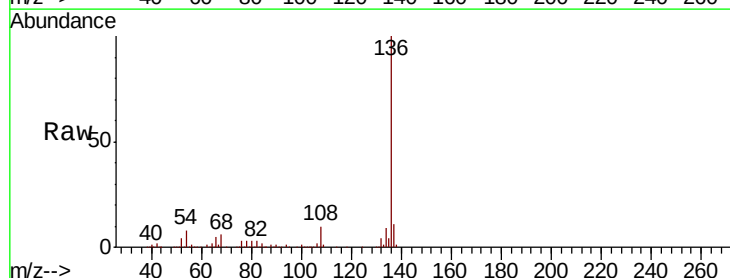
Ion Ratio Lower Upper

136 100

137 11.4 8.9 13.3

54 8.4 7.3 10.9

68 6.0 5.4 8.2

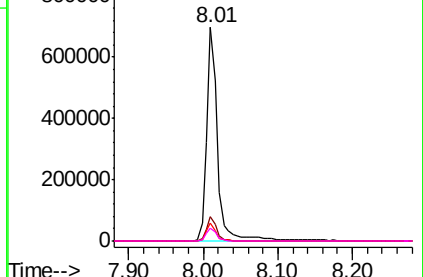
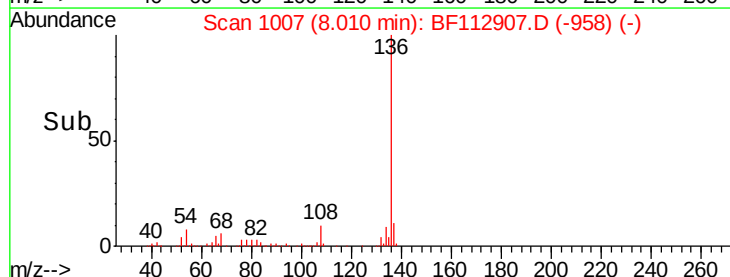


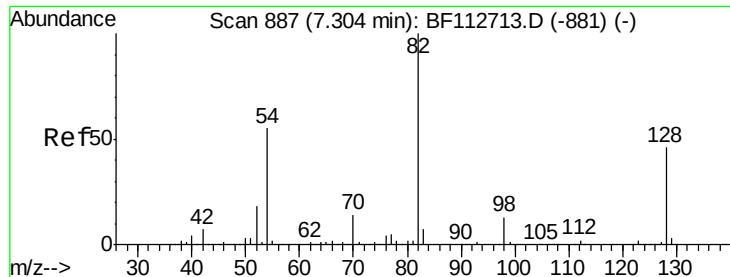
Abundance Ion 136.00 (135.70 to 136.70): E

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





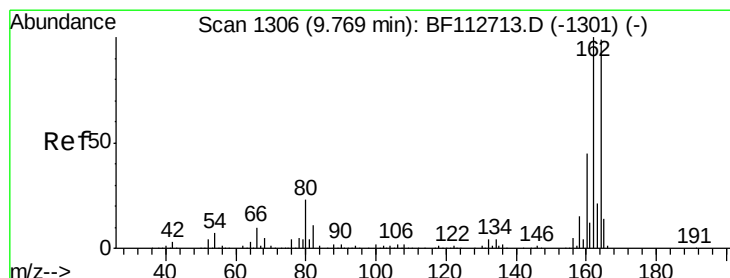
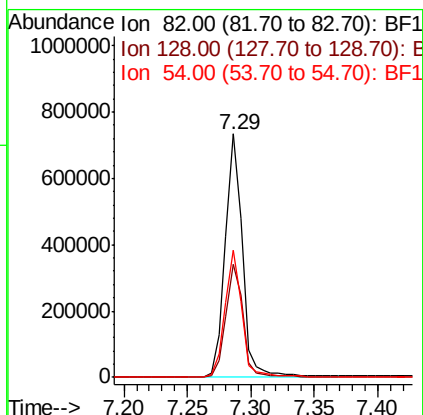
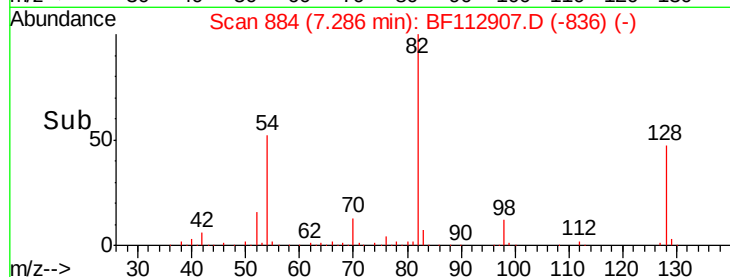
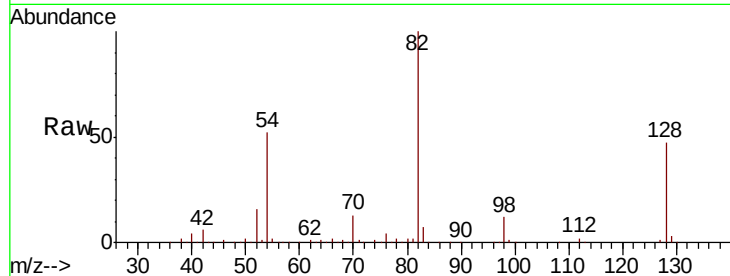
#23
Nitrobenzene-d5
Concen: 58.987 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.02 min
Lab File: BF112907.D
Acq: 7 Mar 2019 3:27

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

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.7	36.3	54.5
54	52.4	43.7	65.5

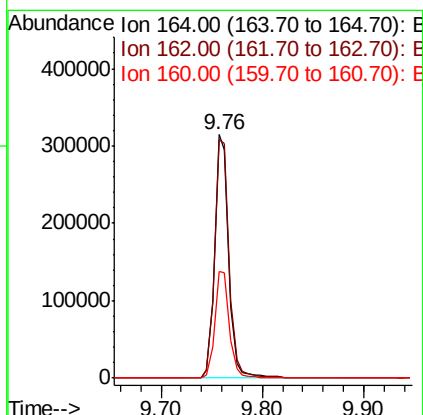
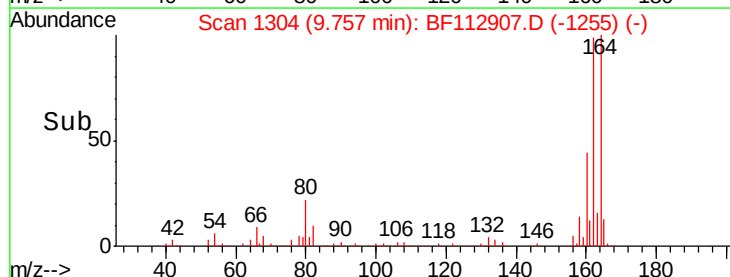
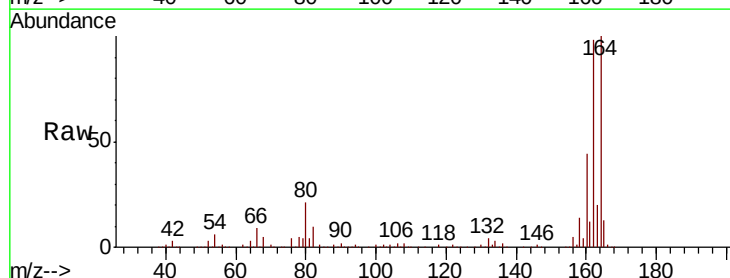
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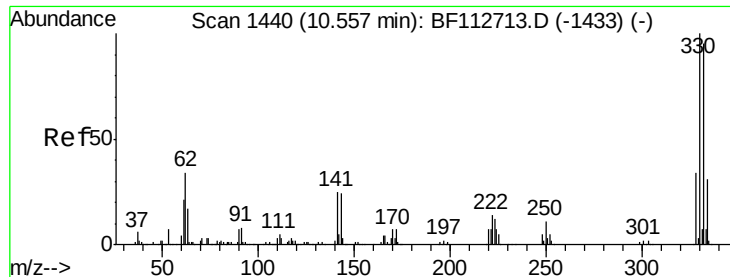
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1304
Delta R.T. -0.01 min
Lab File: BF112907.D
Acq: 7 Mar 2019 3:27

Tgt Ion	Ratio	Lower	Upper
164	100		
162	98.0	80.6	120.8
160	43.7	36.0	54.0





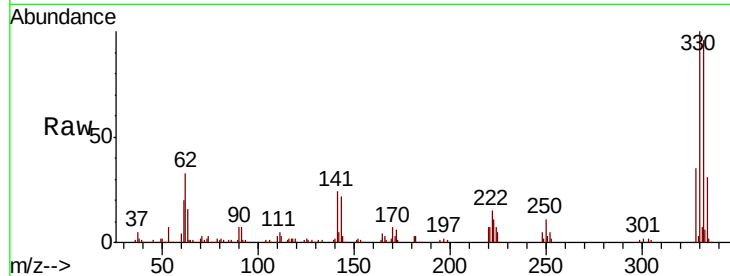
#42
 2,4,6-Tribromophenol
 Concen: 90.879 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: BF112907.D
 Acq: 7 Mar 2019 3:27

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

Tot Ion	Ratio	Resp	Lower	Upper
330	100	293466		
332	95.4	76.2	114.4	
141	28.1	27.0	40.6	

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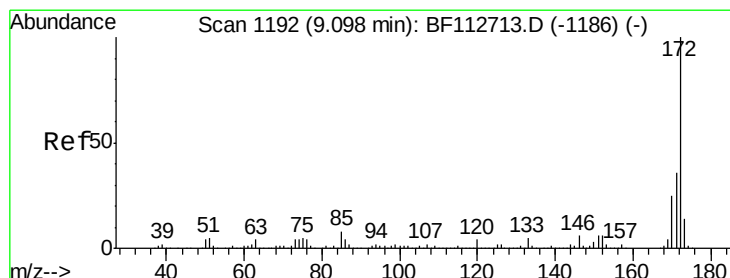
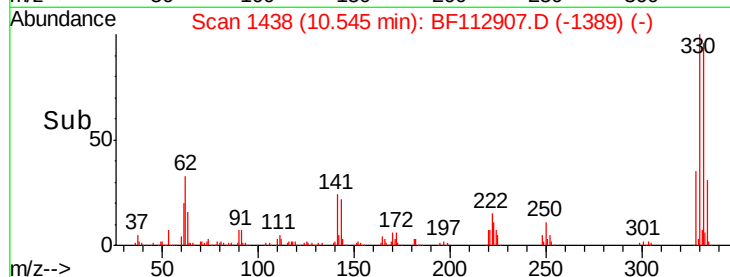
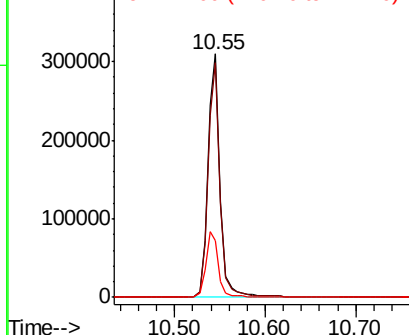


Abundance

Ion 329.80 (329.50 to 330.50): E

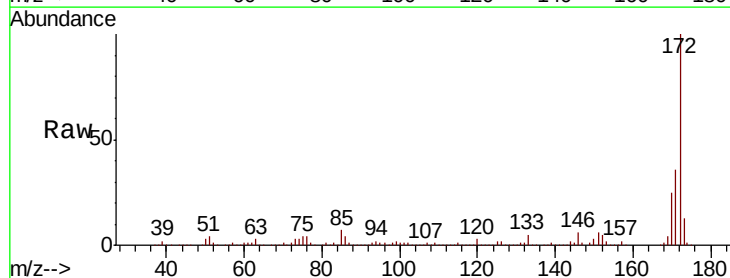
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 60.128 ng
 RT: 9.09 min Scan# 1190
 Delta R.T. -0.01 min
 Lab File: BF112907.D
 Acq: 7 Mar 2019 3:27

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1192482		
171	36.2	29.0	43.4	
170	24.6	20.0	30.0	

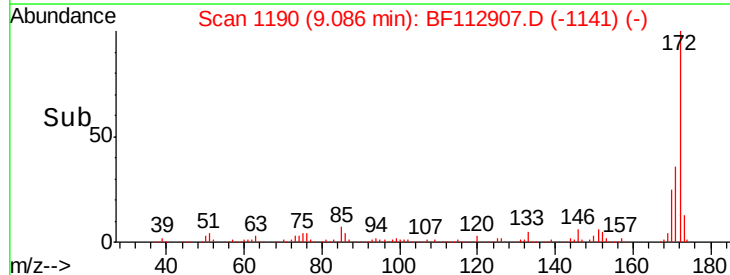
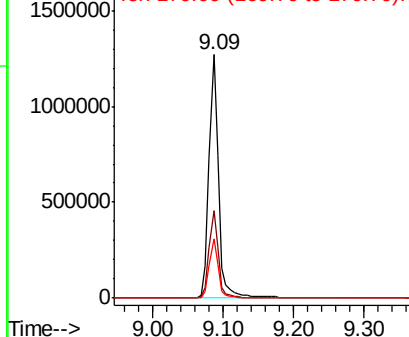


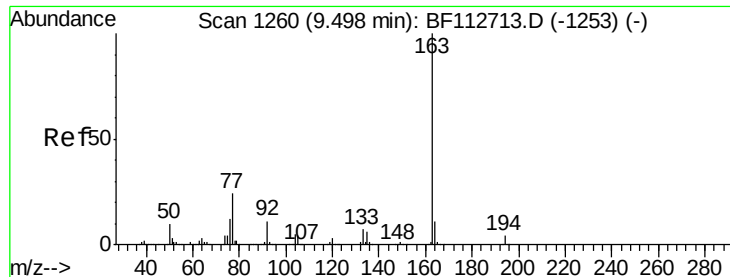
Abundance

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





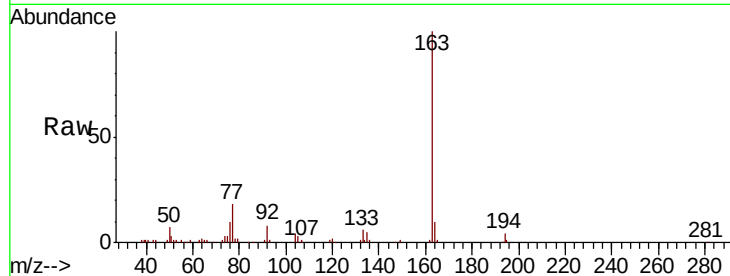
#50
Dimethylphthalate
Concen: 3.782 ng
RT: 9.48 min Scan# 1257
Delta R.T. -0.02 min
Lab File: BF112907.D
Acq: 7 Mar 2019 3:27

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

Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	4.5	3.0	4.4#	
164	9.6	8.4	12.6	

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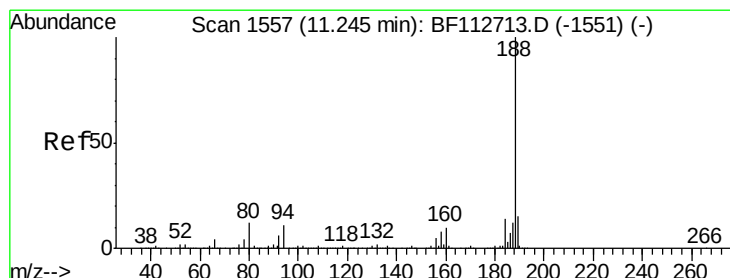
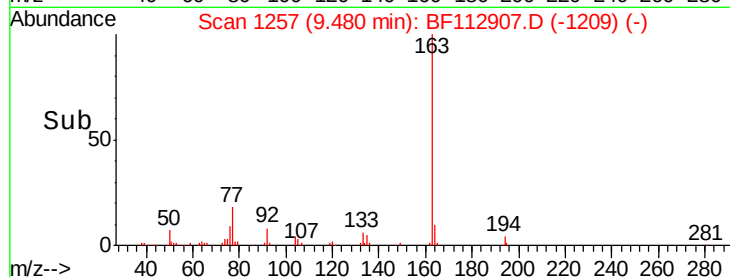
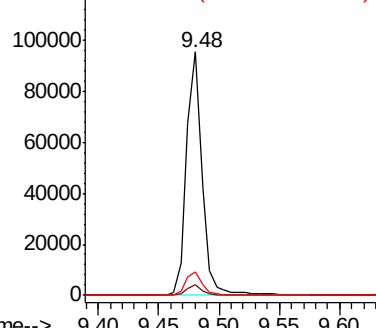


Abundance

Ion 163.00 (162.70 to 163.70): E

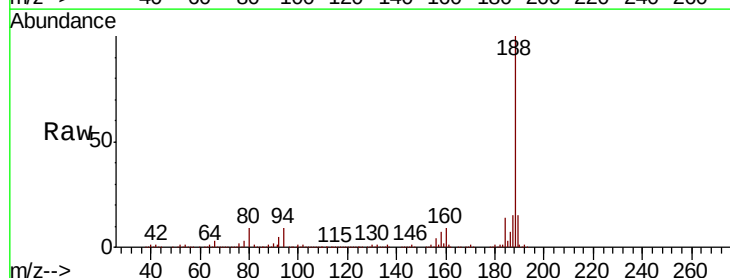
Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BF112907.D
Acq: 7 Mar 2019 3:27

Tgt Ion	Ratio	Resp	Lower	Upper
188	100			
94	9.3	9.0	13.4	
80	9.2	9.2	13.8	

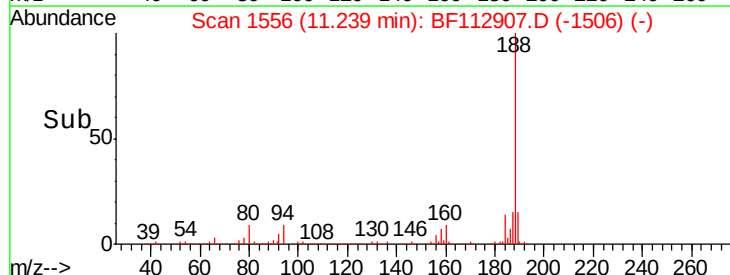
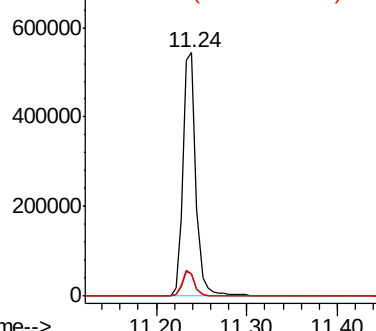


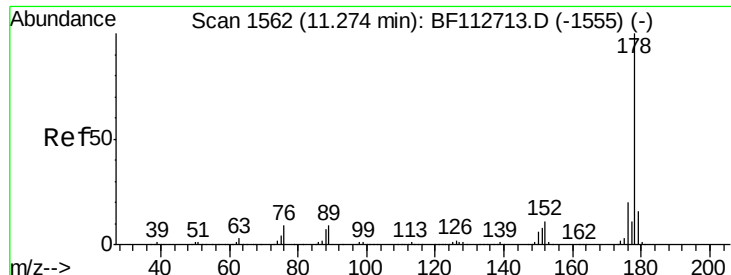
Abundance

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





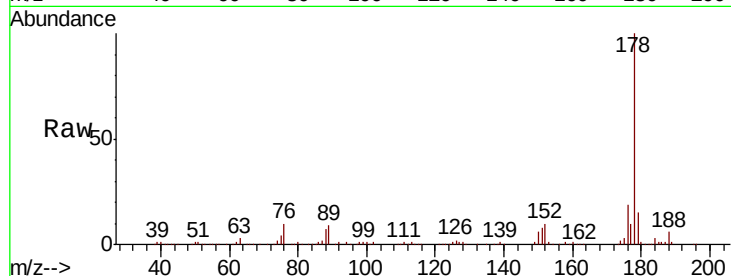
#71
Phenanthrene
Concen: 9.370 ng
RT: 11.26 min Scan# 1559
Delta R.T. -0.02 min
Lab File: BF112907.D
Acq: 7 Mar 2019 3:27

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

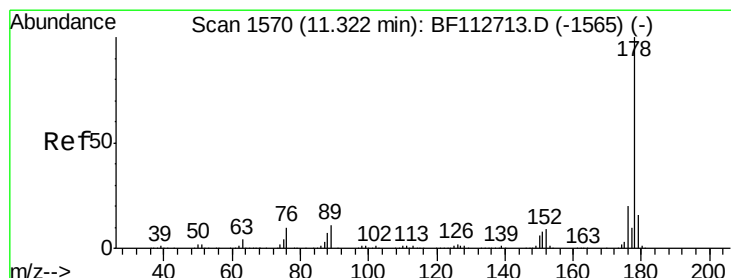
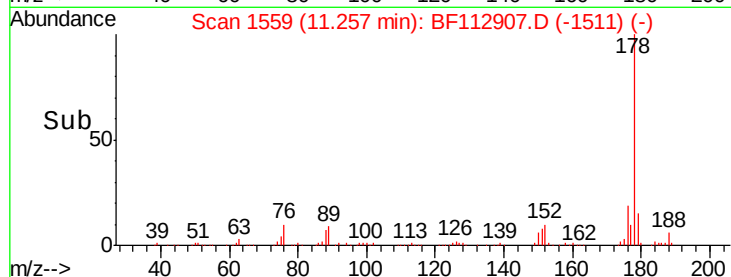
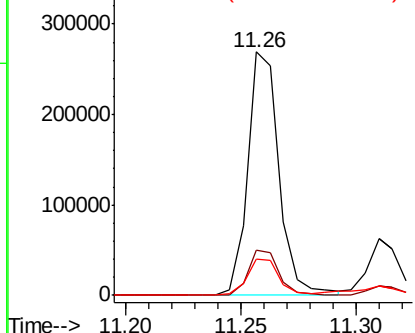
Tot Ion	Ratio	Lower	Upper
178	100		
176	18.7	16.3	24.5
179	14.9	12.7	19.1

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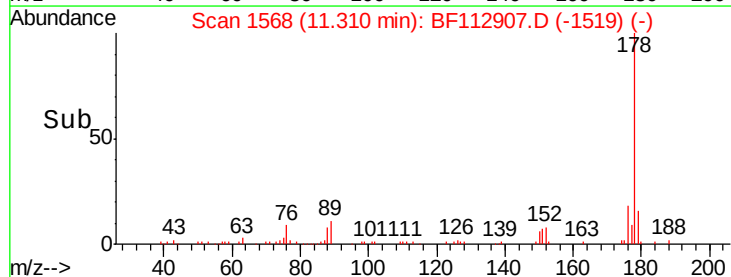
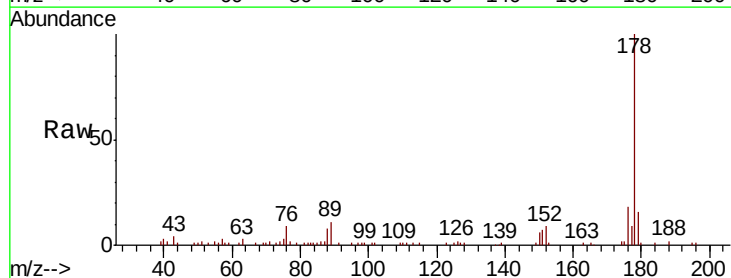
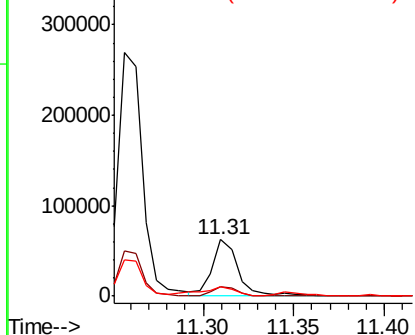
Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

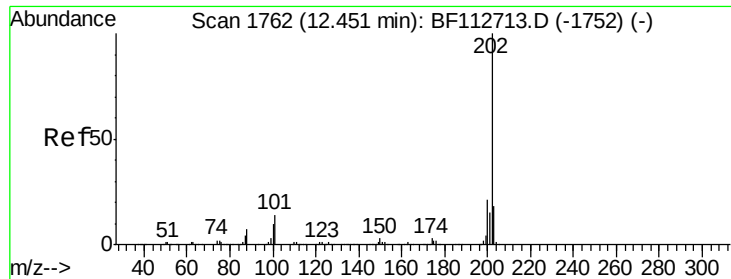


#72
Anthracene
Concen: 2.161 ng
RT: 11.31 min Scan# 1568
Delta R.T. -0.01 min
Lab File: BF112907.D
Acq: 7 Mar 2019 3:27

Tgt Ion	Ratio	Lower	Upper
178	100		
176	17.7	15.8	23.6
179	15.7	13.0	19.6

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





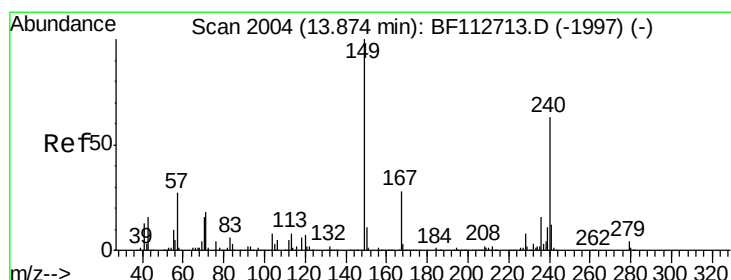
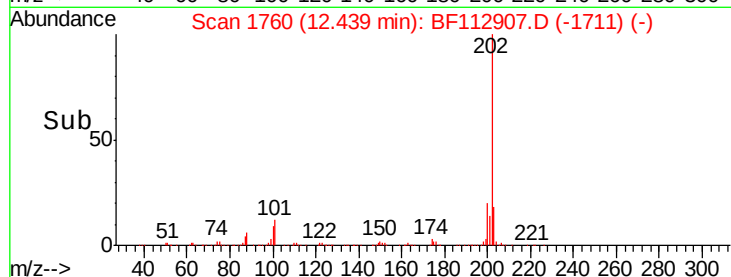
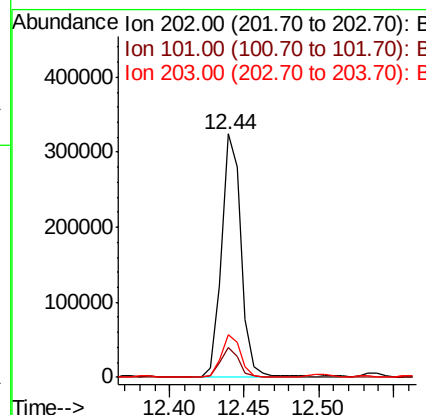
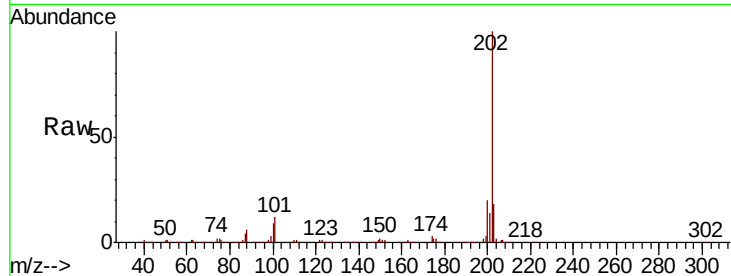
#75
Fluoranthene
Concen: 10.205 ng
RT: 12.44 min Scan# 1760
Delta R.T. -0.01 min
Lab File: BF112907.D
Acq: 7 Mar 2019 3:27

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

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	12.1	0.0	33.8
203	17.7	0.0	38.4

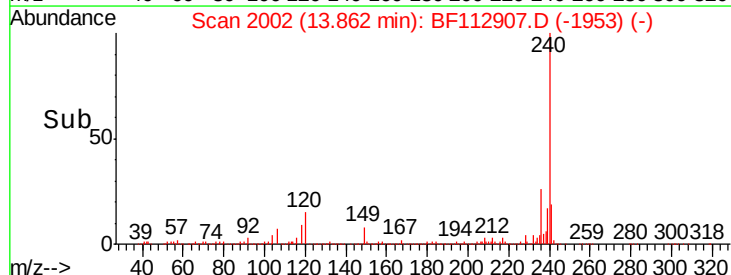
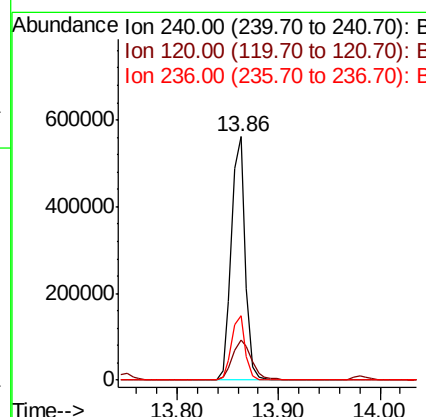
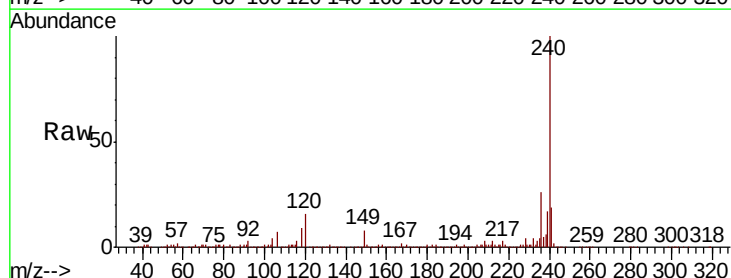
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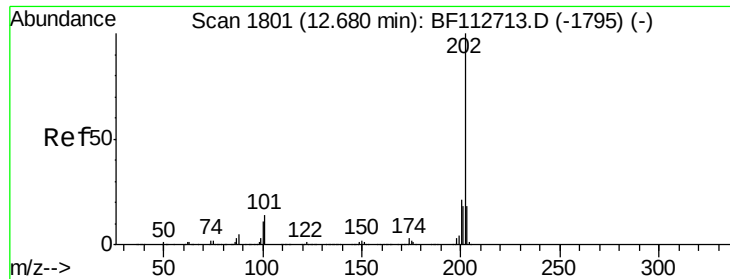
Sohil
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#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.86 min Scan# 2002
Delta R.T. -0.01 min
Lab File: BF112907.D
Acq: 7 Mar 2019 3:27

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	16.4	8.9	13.3#
236	26.4	20.7	31.1





#78

Pvrene

Concen: 5.737 ng

RT: 12.67 min Scan# 1799

Delta R.T. -0.01 min

Lab File: BF112907.D

Acq: 7 Mar 2019 3:27

Instrument :

BNA_F

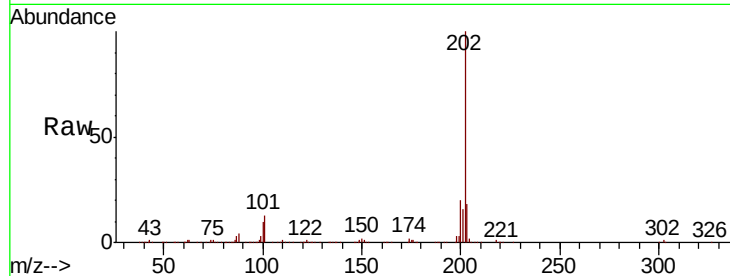
ClientSampleId :

EXT-027-SW013-022719

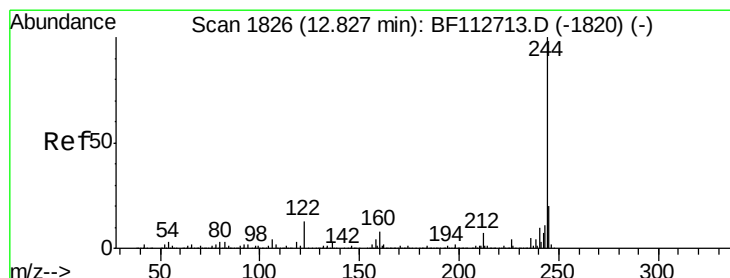
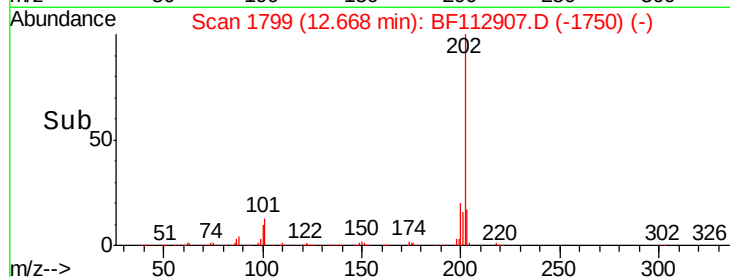
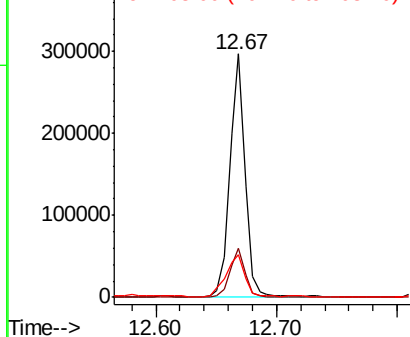
Tot Ion:	202	Resp:	259101
Ion Ratio		Lower	Upper
202	100		
200	19.9	17.0	25.4
203	17.6	14.4	21.6

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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E



#79

Terphenyl-d14

Concen: 40.966 ng

RT: 12.82 min Scan# 1824

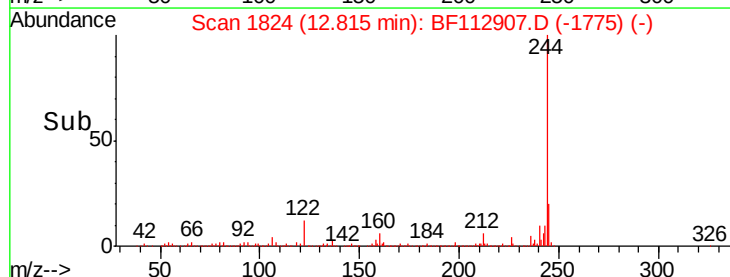
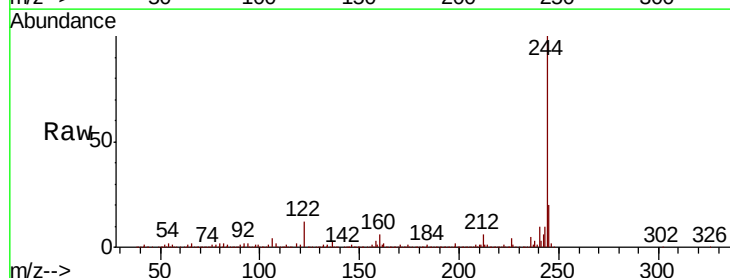
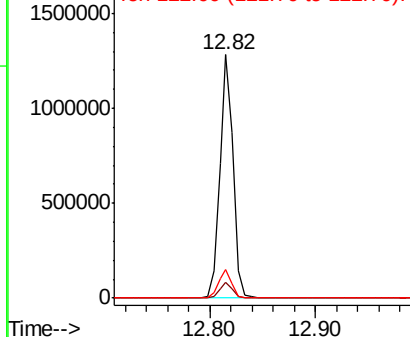
Delta R.T. -0.01 min

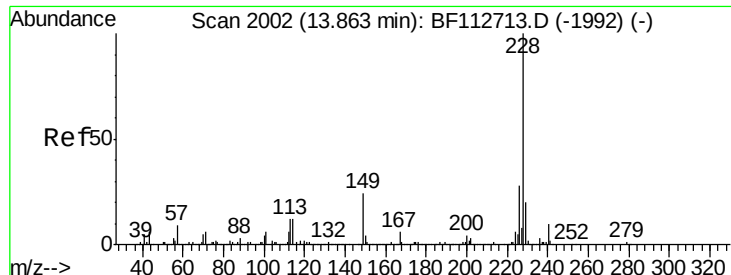
Lab File: BF112907.D

Acq: 7 Mar 2019 3:27

Tgt Ion:	244	Resp:	1132169
Ion Ratio		Lower	Upper
244	100		
212	6.4	5.6	8.4
122	11.8	10.5	15.7

Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E





#81

Benzo(a)anthracene

Concen: 3.865 ng

RT: 13.85 min Scan# 2000

Delta R.T. -0.01 min

Lab File: BF112907.D

Acq: 7 Mar 2019 3:27

Instrument :

BNA_F

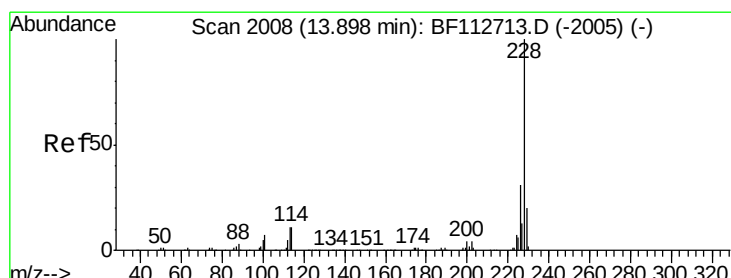
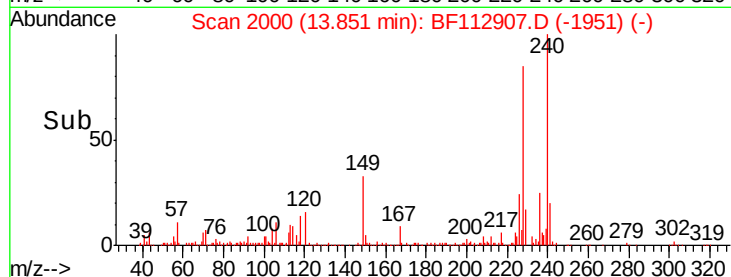
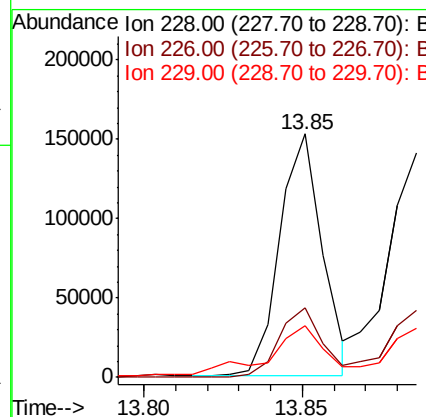
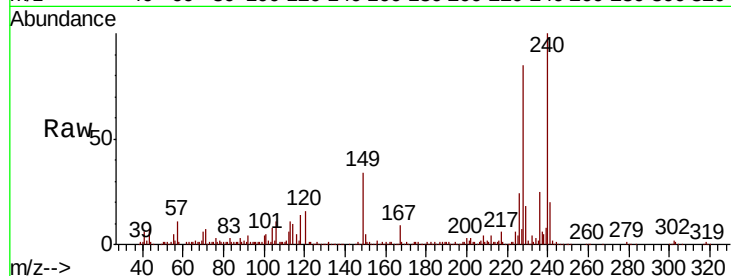
ClientSampleId :

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Tot Ion:	228	Resp:	143513
Ion Ratio		Lower	Upper
228	100		
226	28.3	22.2	33.4
229	21.2	16.0	24.0

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#83

Chrysene

Concen: 3.821 ng

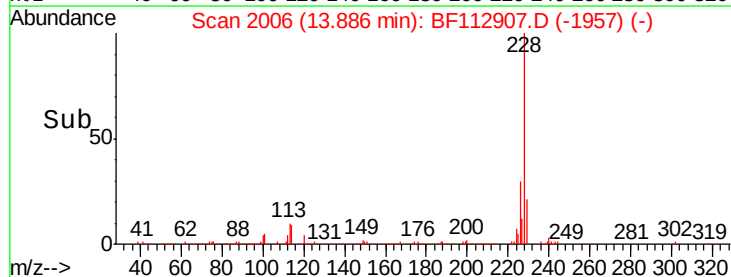
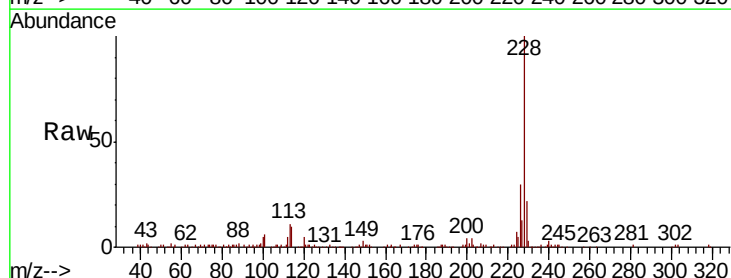
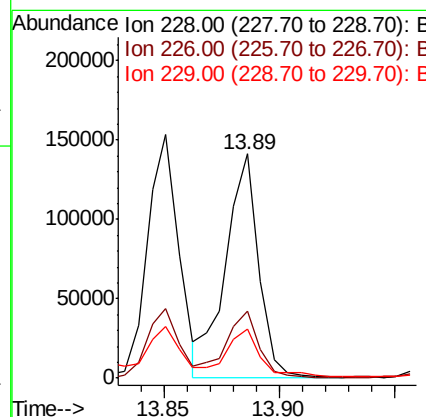
RT: 13.89 min Scan# 2006

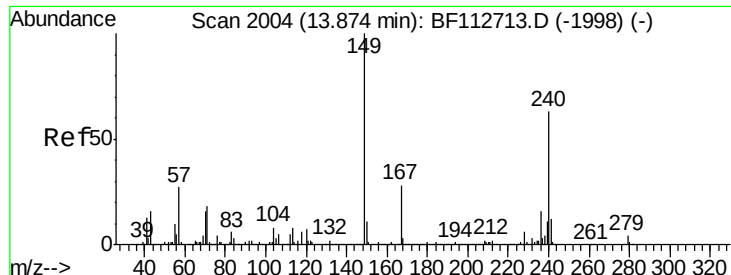
Delta R.T. -0.01 min

Lab File: BF112907.D

Acq: 7 Mar 2019 3:27

Tgt Ion:	228	Resp:	138977
Ion Ratio		Lower	Upper
228	100		
226	30.0	24.9	37.3
229	22.0	16.3	24.5





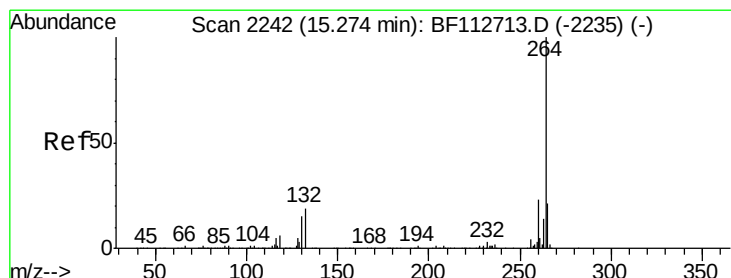
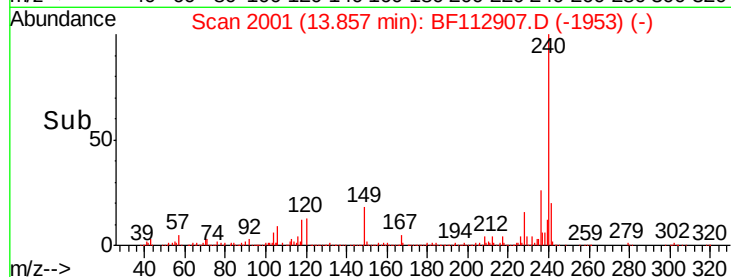
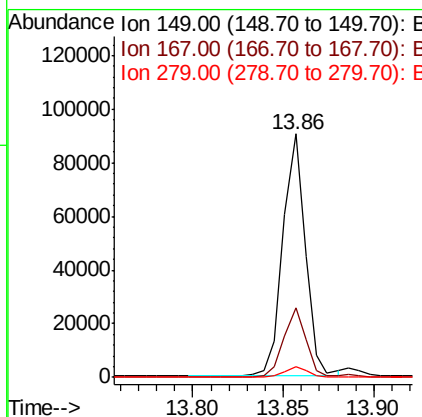
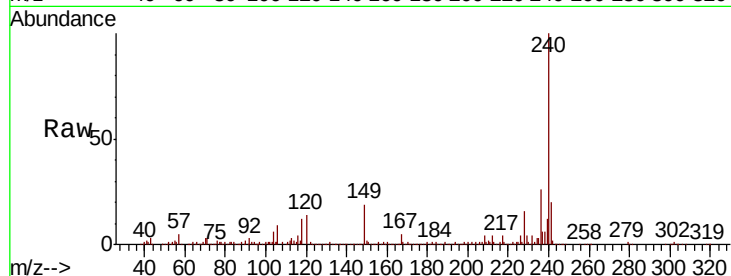
#84
 Bis(2-ethylhexyl)phthalate
 Concen: 3.352 ng
 RT: 13.86 min Scan# 2001
 Delta R.T. -0.02 min
 Lab File: BF112907.D
 Acq: 7 Mar 2019 3:27

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

Tot Ion:	149	Resp:	78379
Ion Ratio	Lower	Upper	
149	100		
167	28.4	22.4	33.6
279	4.3	3.3	4.9

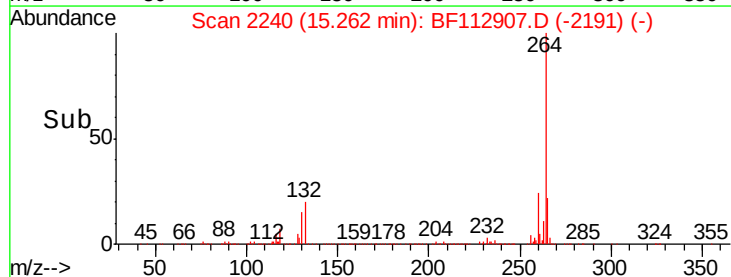
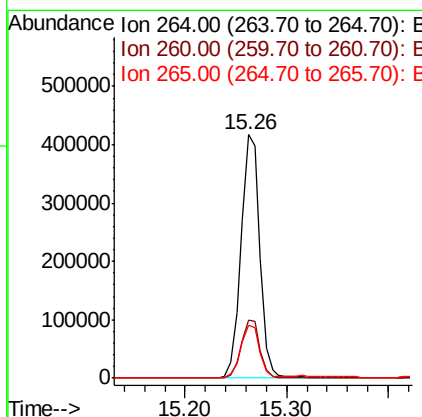
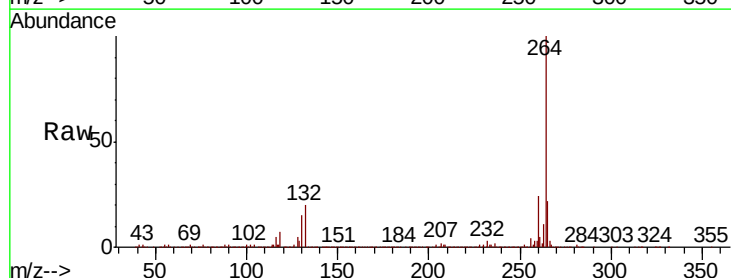
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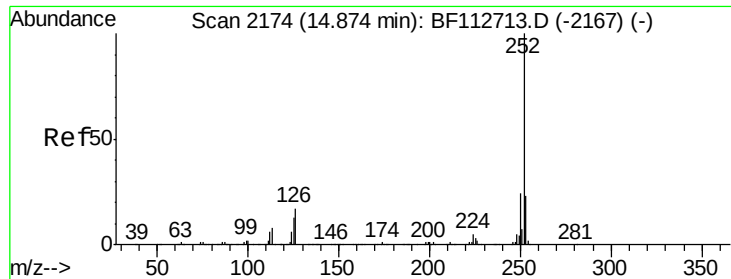
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#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.26 min Scan# 2240
 Delta R.T. -0.01 min
 Lab File: BF112907.D
 Acq: 7 Mar 2019 3:27

Tgt Ion:	264	Resp:	536567
Ion Ratio	Lower	Upper	
264	100		
260	23.9	18.7	28.1
265	21.9	17.2	25.8





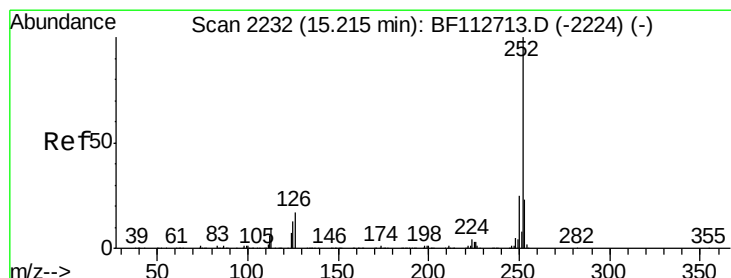
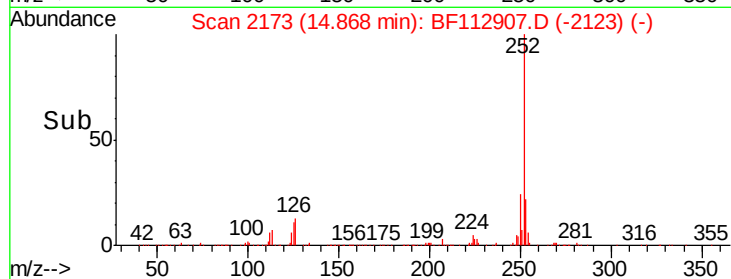
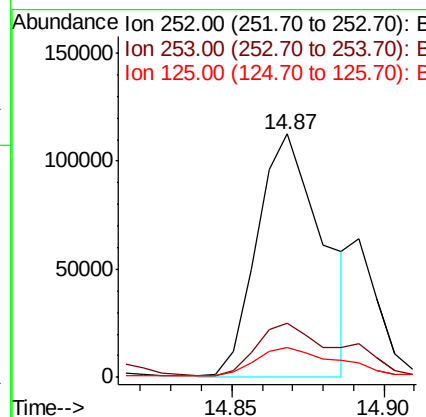
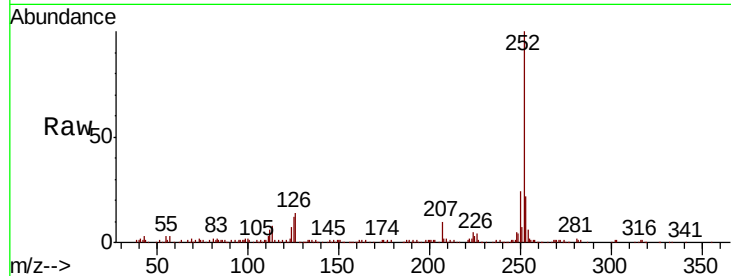
#88
Benzo(b)fluoranthene
Concen: 4.869 ng m
RT: 14.87 min Scan# 2173
Delta R.T. -0.01 min
Lab File: BF112907.D
Acq: 7 Mar 2019 3:27

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

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.0	27.0
125	12.1	10.2	15.2

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#90
Benzo(a)pyrene
Concen: 3.344 ng
RT: 15.20 min Scan# 2230
Delta R.T. -0.01 min
Lab File: BF112907.D
Acq: 7 Mar 2019 3:27

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	18.0	27.0
125	12.3	10.7	16.1

