

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030619\
 Data File : BF112912.D
 Acq On : 7 Mar 2019 5:44
 Operator : JU/SJ
 Sample : K1705-13
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EXT-027-SW024-022719

Manual Integrations
 APPROVED

Sohil
 3/7/2019 11:03:09 AM

Quant Time: Mar 07 06:43:34 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	217264	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	686057	20.00	ng	-0.01
39) Acenaphthene-d10	9.76	164	302770	20.00	ng	-0.01
64) Phenanthrene-d10	11.24	188	591929	20.00	ng	0.00
76) Chrysene-d12	13.86	240	597401	20.00	ng	-0.01
87) Perylene-d12	15.27	264	439518	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	1159183	82.99	ng	0.00
7) Phenol-d6	6.37	99	1427147	81.34	ng	0.00
23) Nitrobenzene-d5	7.29	82	846673	73.85	ng	-0.02
42) 2,4,6-Tribromophenol	10.55	330	346305	107.74	ng	-0.01
45) 2-Fluorobiphenyl	9.09	172	1321062	68.74	ng	-0.01
79) Terphenyl-d14	12.82	244	1349897	43.80	ng	-0.01
Target Compounds						
10) Phenol	6.38	94	48308	2.360	ng	88
50) Dimethylphthalate	9.48	163	88694	3.973	ng	98
71) Phenanthrene	11.26	178	222303	7.548	ng	99
72) Anthracene	11.31	178	62418	2.025	ng	96
75) Fluoranthene	12.44	202	325624	10.320	ng	95
78) Pyrene	12.67	202	293060	5.819	ng	98
81) Benzo(a)anthracene	13.85	228	165252	3.991	ng	98
83) Chrysene	13.89	228	149761	3.693	ng	96
88) Benzo(b)fluoranthene	14.87	252	143996m	5.065	ng	
90) Benzo(a)pyrene	15.21	252	88340	3.513	ng	98
92) Benzo(g,h,i)perylene	17.03	276	60529	2.809	ng	97

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

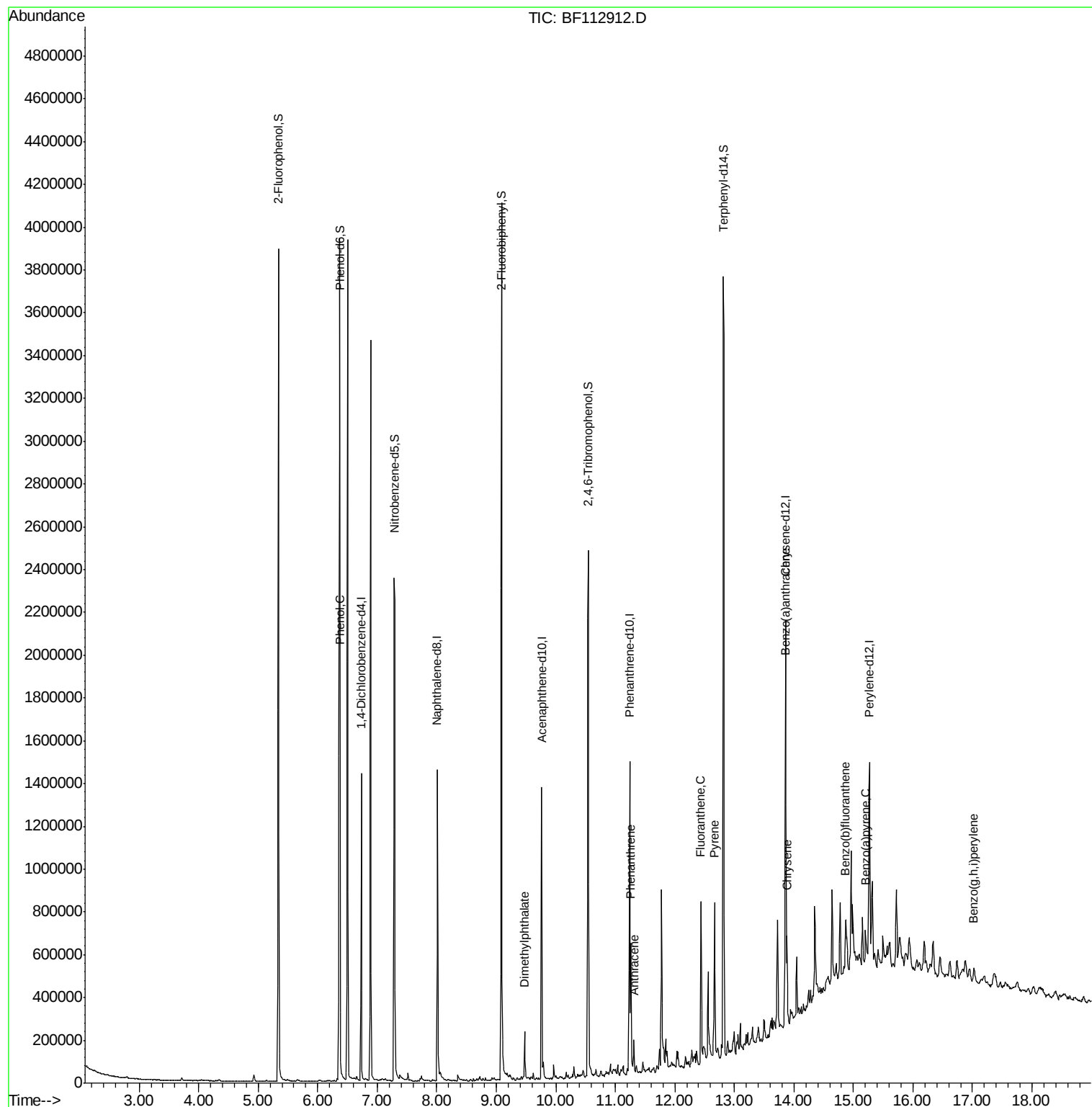
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030619\
Data File : BF112912.D
Acq On : 7 Mar 2019 5:44
Operator : JU/SJ
Sample : K1705-13
Misc :
ALS Vial : 30 Sample Multiplier: 1

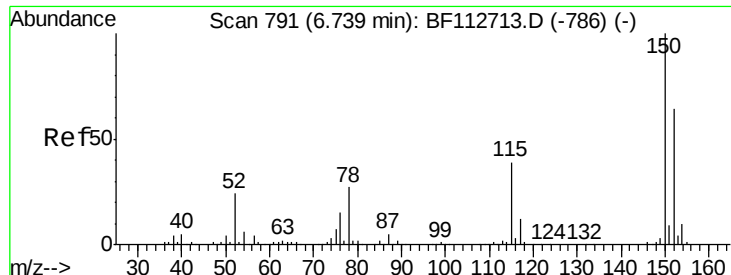
Instrument :
BNA_F
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EXT-027-SW024-022719

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Quant Time: Mar 07 06:43:34 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

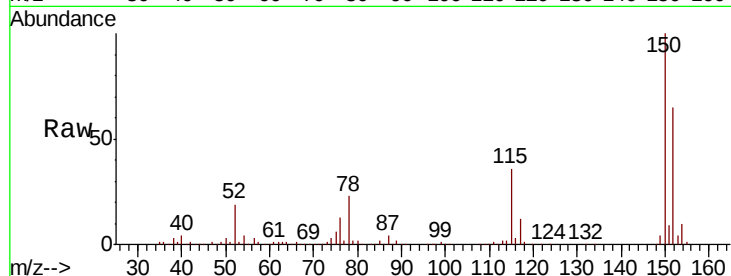
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 790
Delta R.T. -0.01 min
Lab File: BF112912.D
Acq: 7 Mar 2019 5:44

Instrument :
BNA_F
ClientSampleId :
EXT-027-SW024-022719

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.4	124.2	186.2
115	55.6	48.2	72.4

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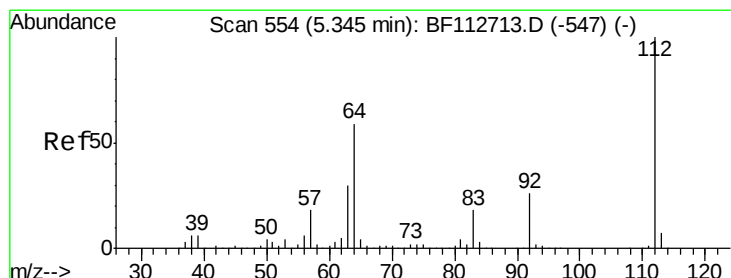
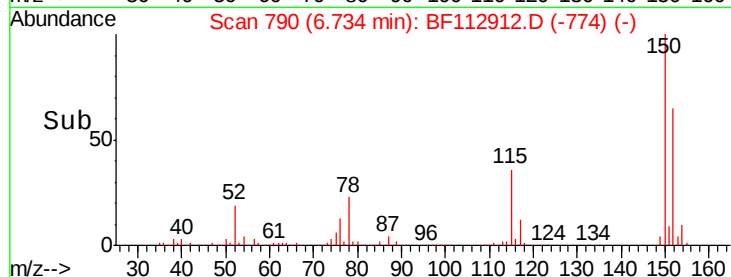
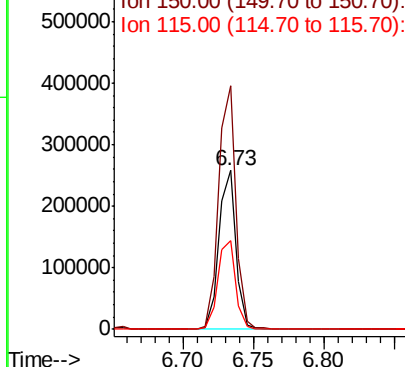


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

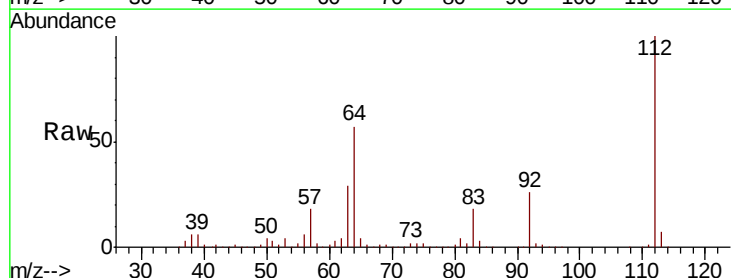
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 82.994 ng
RT: 5.35 min Scan# 554
Delta R.T. -0.00 min
Lab File: BF112912.D
Acq: 7 Mar 2019 5:44

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.3	47.6	71.4
63	29.5	24.4	36.6

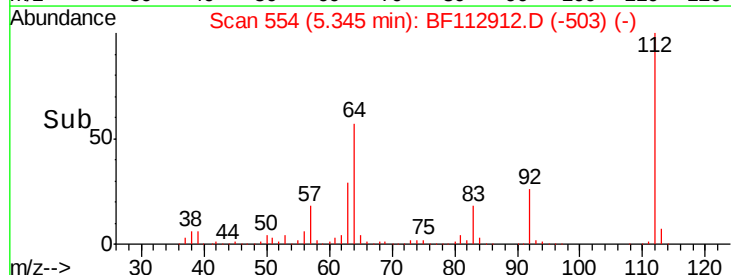
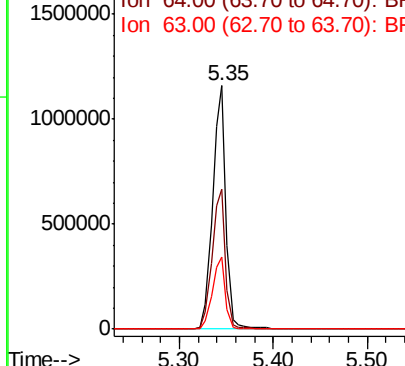


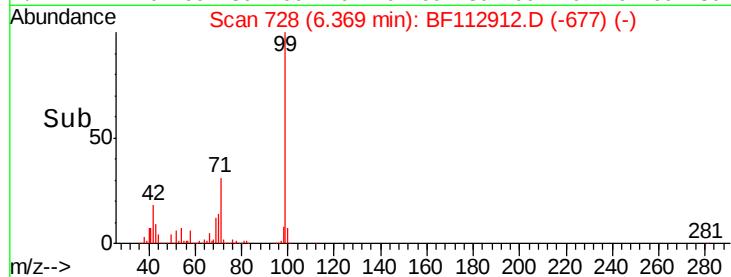
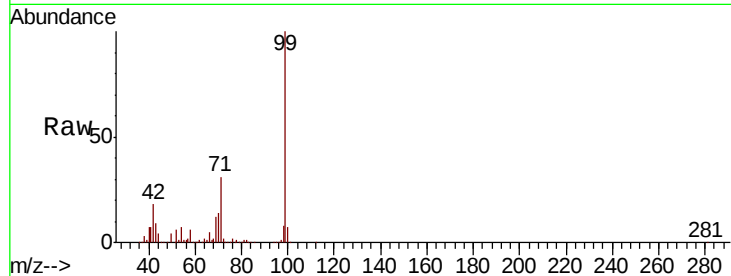
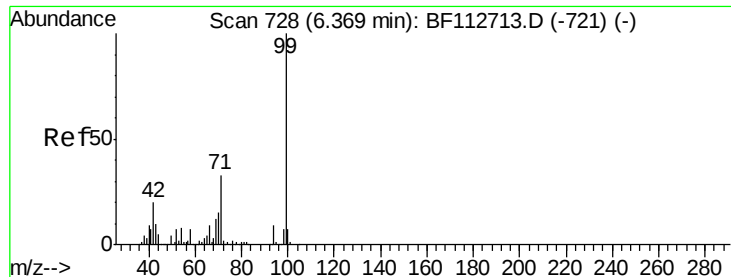
Abundance

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: 81.342 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.00 min

Lab File: BF112912.D

Acq: 7 Mar 2019 5:44

Tot Ion:	99	Resp:	1427147
Ion	Ratio	Lower	Upper
99	100		
42	18.1	16.3	24.5
71	31.3	26.2	39.4

Instrument :

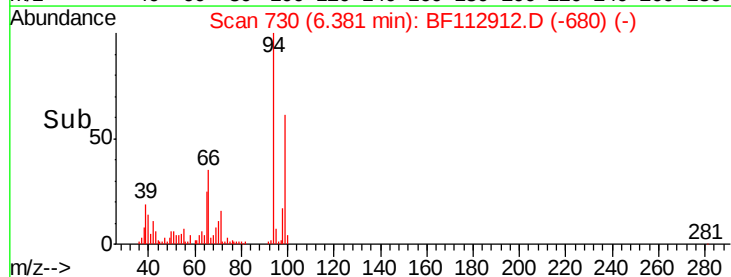
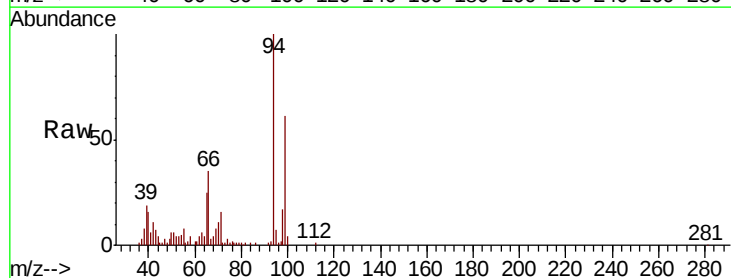
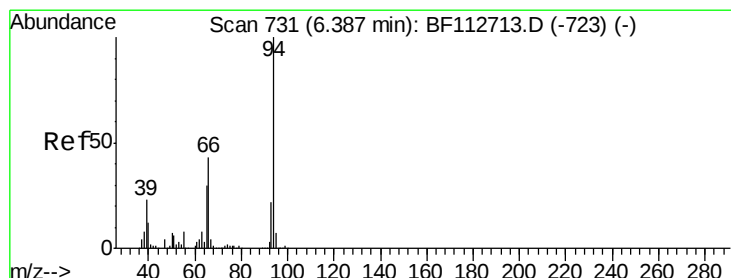
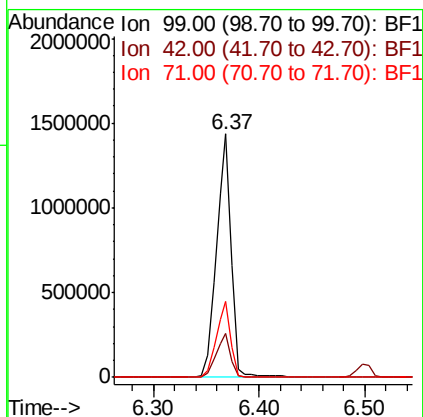
BNA_F

ClientSampleId :

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#10

Phenol

Concen: 2.360 ng

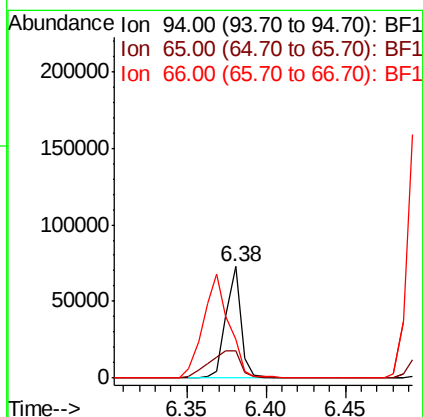
RT: 6.38 min Scan# 730

Delta R.T. -0.01 min

Lab File: BF112912.D

Acq: 7 Mar 2019 5:44

Tgt Ion:	94	Resp:	48308
Ion	Ratio	Lower	Upper
94	100		
65	24.6	10.5	50.5
66	35.0	22.6	62.6





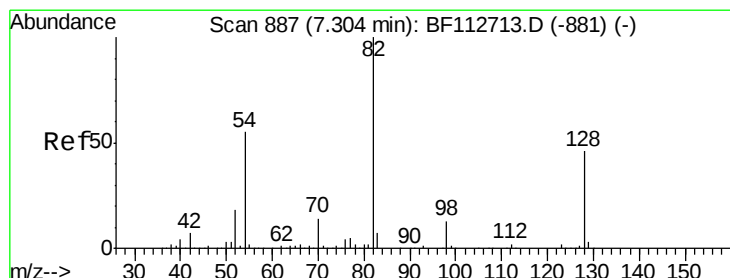
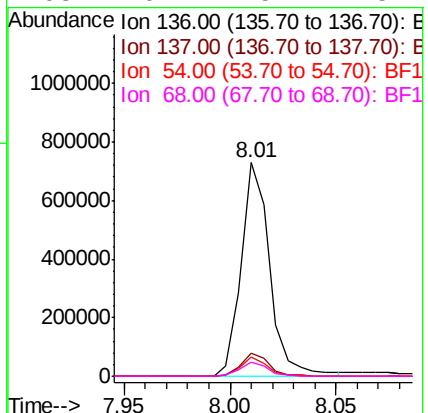
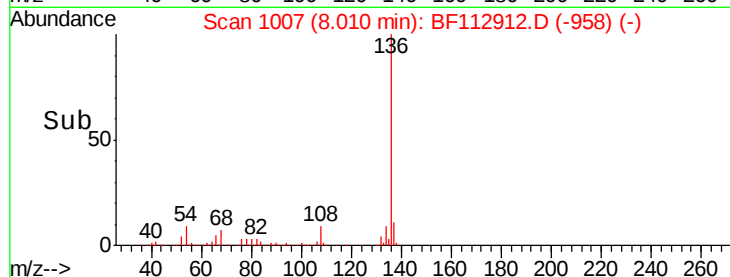
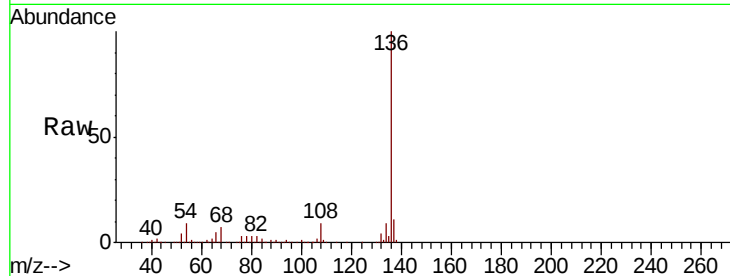
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BF112912.D
Acq: 7 Mar 2019 5:44

Instrument :
BNA_F
ClientSampleId :
EXT-027-SW024-022719

Tot Ion	Ratio	Resp Lower	Upper
136	100		
137	10.8	8.9	13.3
54	8.8	7.3	10.9
68	6.7	5.4	8.2

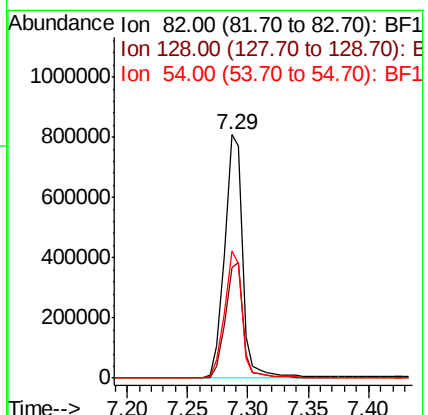
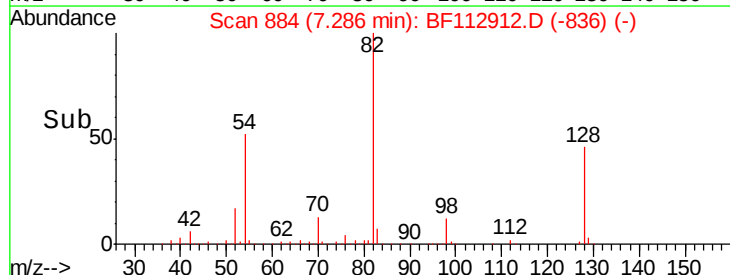
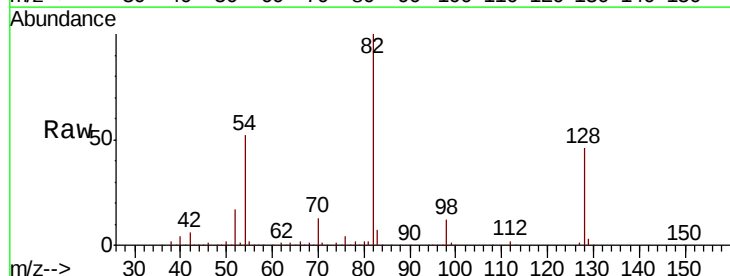
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#23
Nitrobenzene-d5
Concen: 73.847 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.02 min
Lab File: BF112912.D
Acq: 7 Mar 2019 5:44

Tgt Ion	Ratio	Resp Lower	Upper
82	100		
128	45.6	36.3	54.5
54	52.3	43.7	65.5





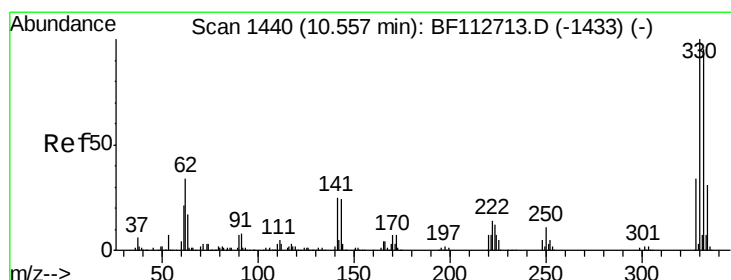
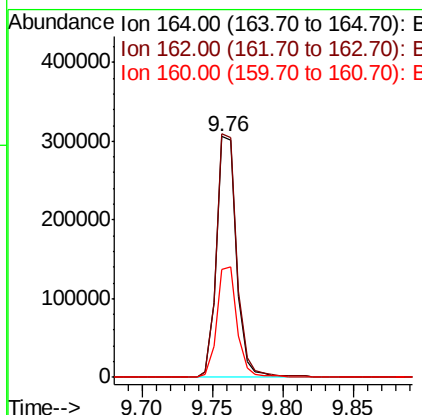
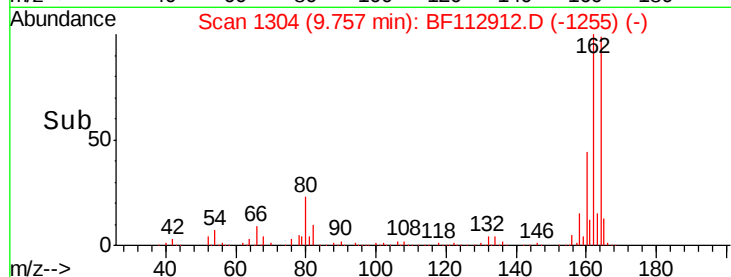
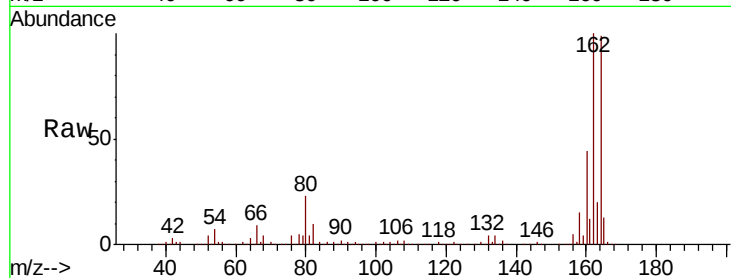
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1304
Delta R.T. -0.01 min
Lab File: BF112912.D
Acq: 7 Mar 2019 5:44

Instrument :
BNA_F
ClientSampleId :
EXT-027-SW024-022719

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	101.0	80.6	120.8	
160	44.7	36.0	54.0	

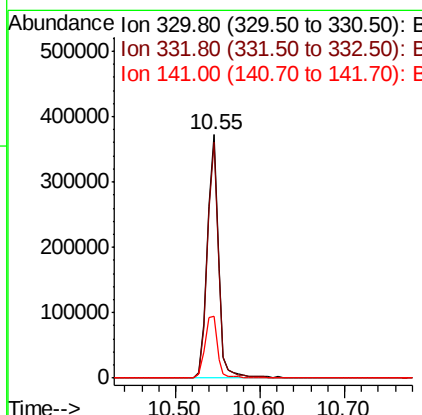
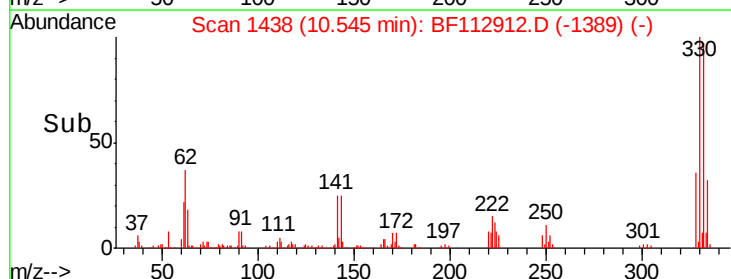
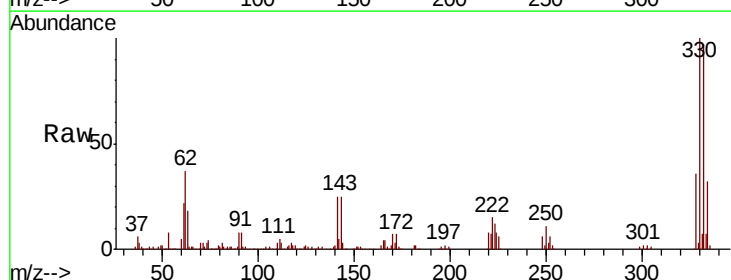
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#42
2,4,6-Tribromophenol
Concen: 107.739 ng
RT: 10.55 min Scan# 1438
Delta R.T. -0.01 min
Lab File: BF112912.D
Acq: 7 Mar 2019 5:44

Tgt Ion	Ratio	Resp	Lower	Upper
330	100			
332	96.9	76.2	114.4	
141	29.0	27.0	40.6	





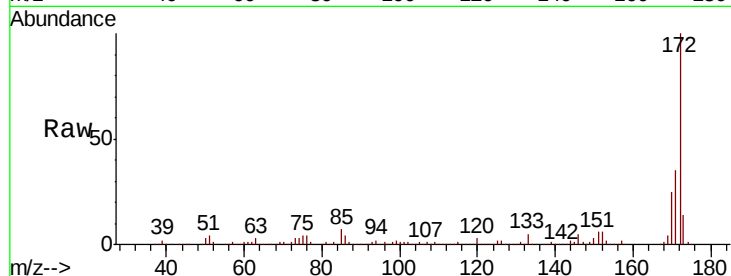
#45
2-Fluorobiphenyl
Concen: 68.735 ng
RT: 9.09 min Scan# 1190
Delta R.T. -0.01 min
Lab File: BF112912.D
Acq: 7 Mar 2019 5:44

Instrument :
BNA_F
ClientSampleId :
EXT-027-SW024-022719

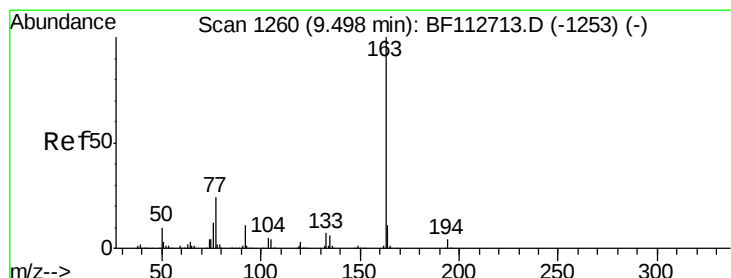
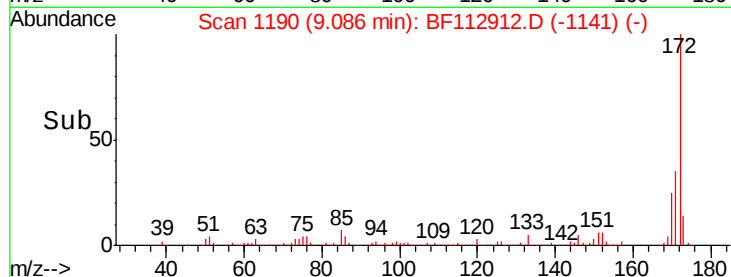
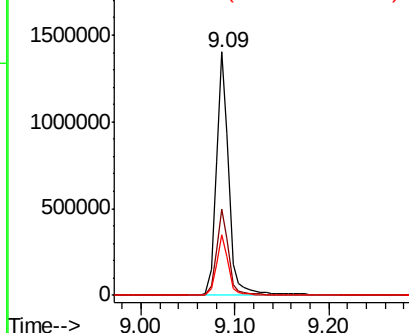
Tot Ion	Ratio	Lower	Upper
172	100		
171	35.4	29.0	43.4
170	24.6	20.0	30.0

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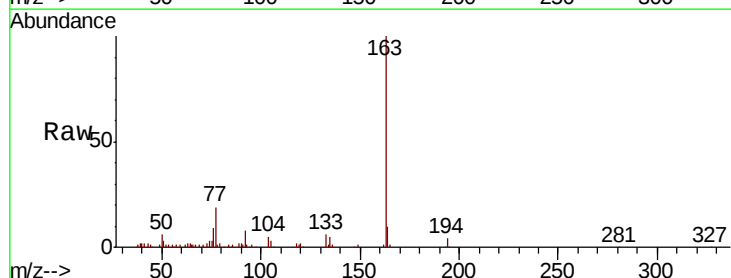


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

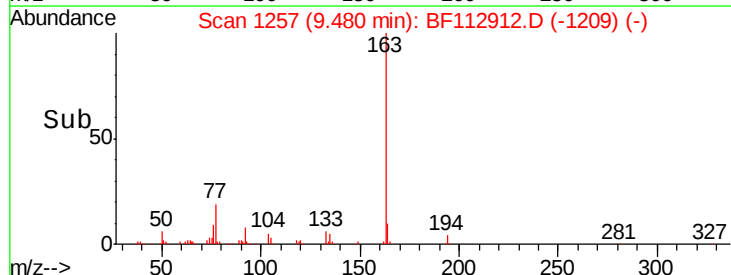
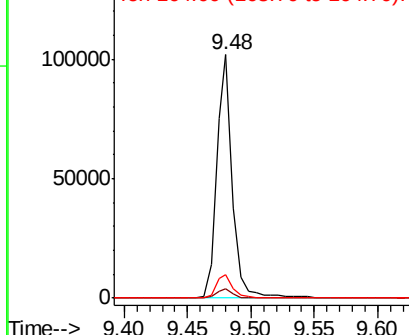


#50
Dimethylphthalate
Concen: 3.973 ng
RT: 9.48 min Scan# 1257
Delta R.T. -0.02 min
Lab File: BF112912.D
Acq: 7 Mar 2019 5:44

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.0	4.4
164	9.7	8.4	12.6



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





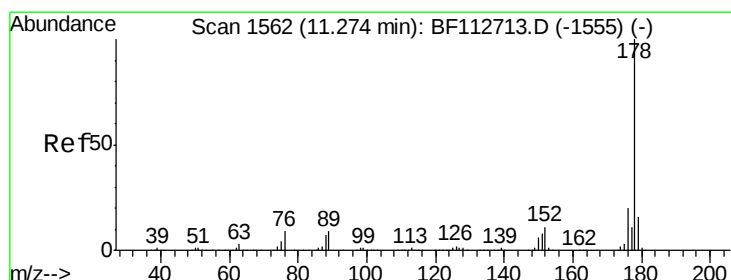
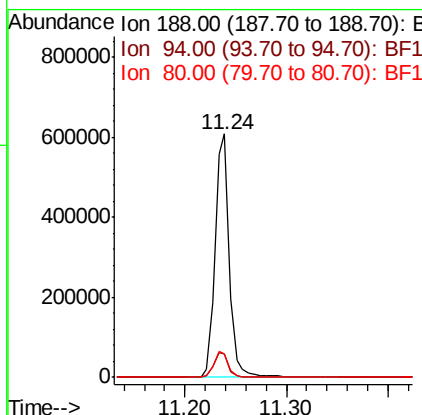
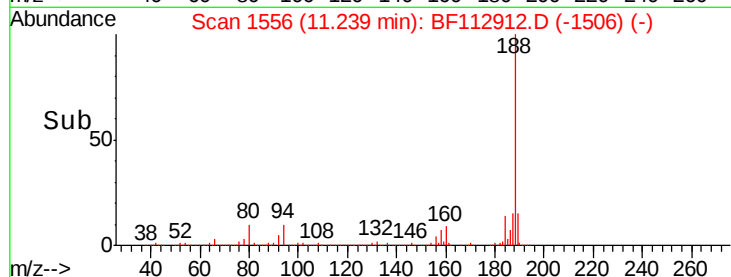
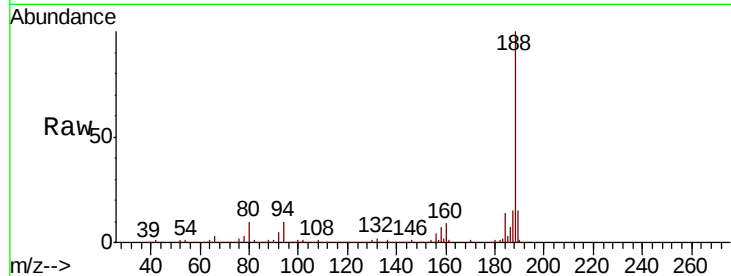
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BF112912.D
Acq: 7 Mar 2019 5:44

Instrument :
BNA_F
ClientSampleId :
EXT-027-SW024-022719

Tot Ion	Ratio	Resp	Lower	Upper
188	100	591929		
94	9.5		9.0	13.4
80	9.5		9.2	13.8

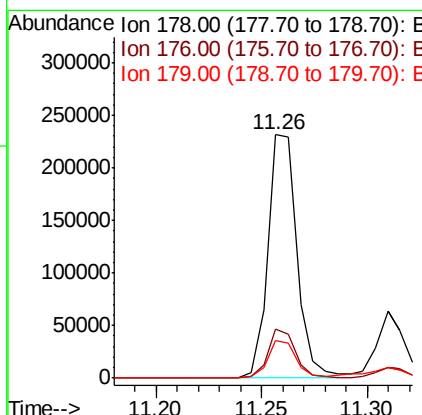
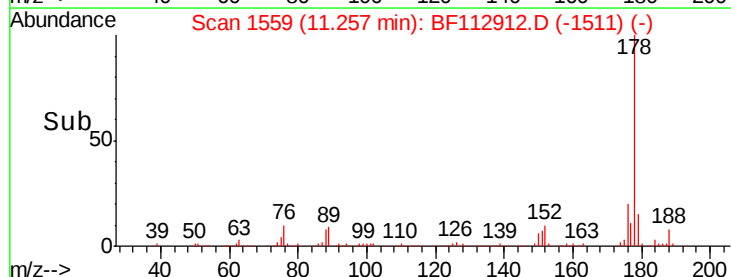
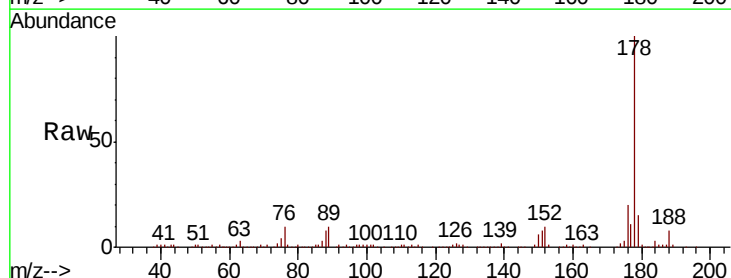
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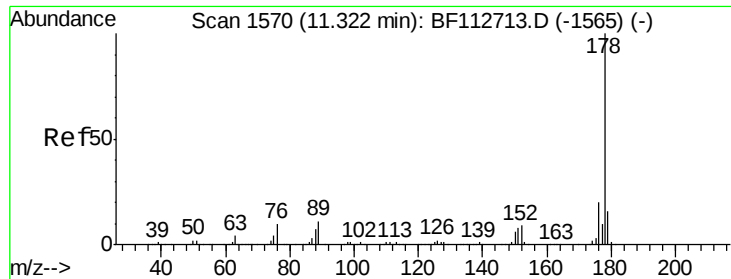
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#71
Phenanthrene
Concen: 7.548 ng
RT: 11.26 min Scan# 1559
Delta R.T. -0.02 min
Lab File: BF112912.D
Acq: 7 Mar 2019 5:44

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	222303		
176	20.0		16.3	24.5
179	15.4		12.7	19.1





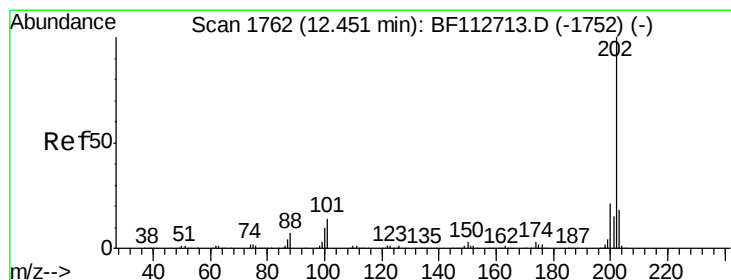
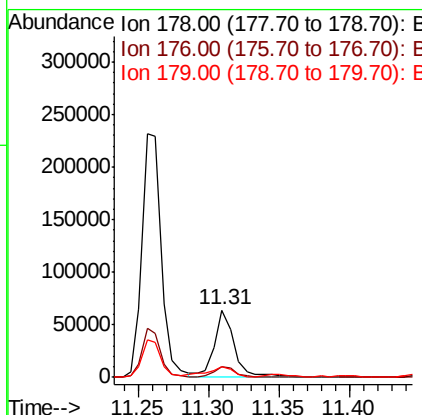
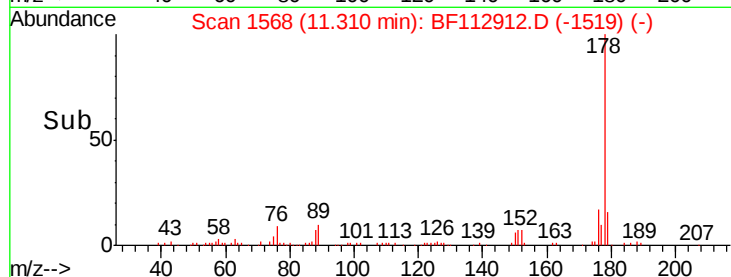
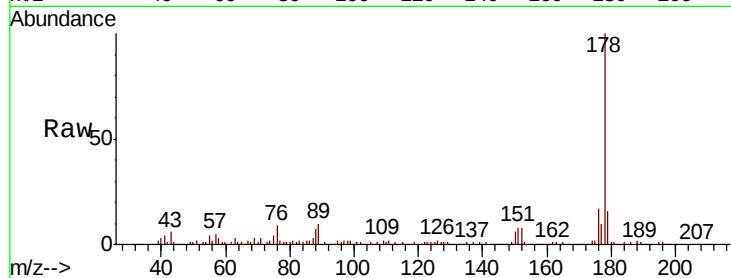
#72
 Anthracene
 Concen: 2.025 ng
 RT: 11.31 min Scan# 1568
 Delta R.T. -0.01 min
 Lab File: BF112912.D
 Acq: 7 Mar 2019 5:44

Instrument :
 BNA_F
 ClientSampleId :
 EXT-027-SW024-022719

Tot Ion	Ratio	Lower	Upper
178	100		
176	16.8	15.8	23.6
179	16.2	13.0	19.6

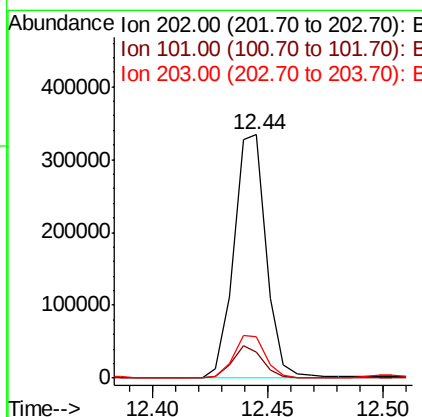
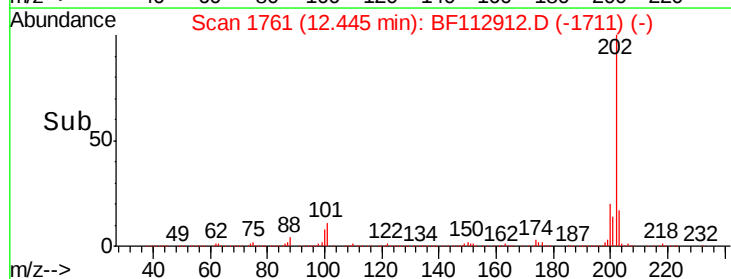
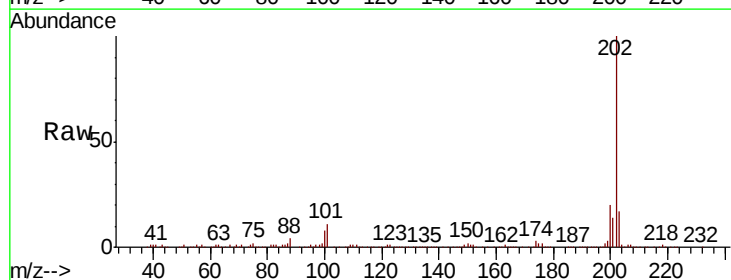
Manual Integrations
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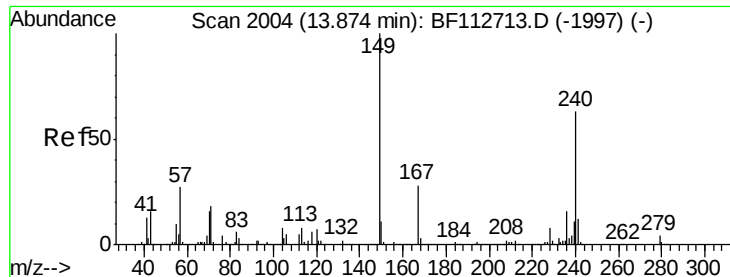
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 3/7/2019 11:03:09 AM



#75
 Fluoranthene
 Concen: 10.320 ng
 RT: 12.44 min Scan# 1761
 Delta R.T. -0.01 min
 Lab File: BF112912.D
 Acq: 7 Mar 2019 5:44

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.6	0.0	33.8
203	16.8	0.0	38.4





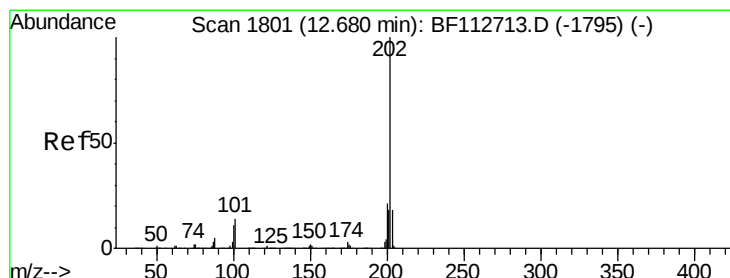
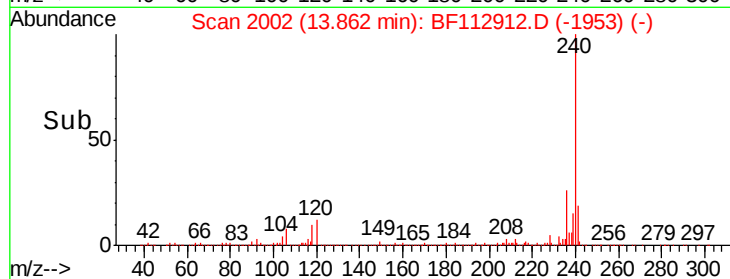
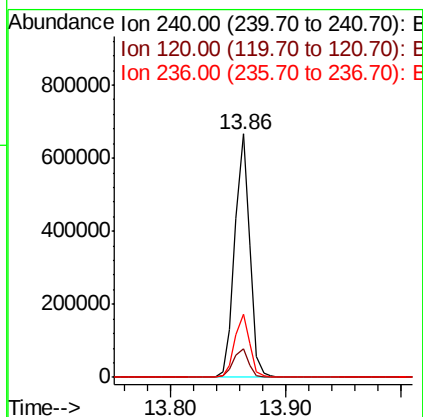
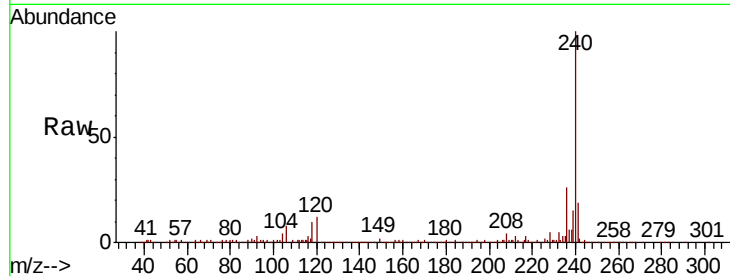
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.86 min Scan# 2002
Delta R.T. -0.01 min
Lab File: BF112912.D
Acq: 7 Mar 2019 5:44

Instrument :
BNA_F
ClientSampleId :
EXT-027-SW024-022719

Tot Ion	Ratio	Resp	Lower	Upper
240	100	597401		
120	11.9	8.9	13.3	
236	26.1	20.7	31.1	

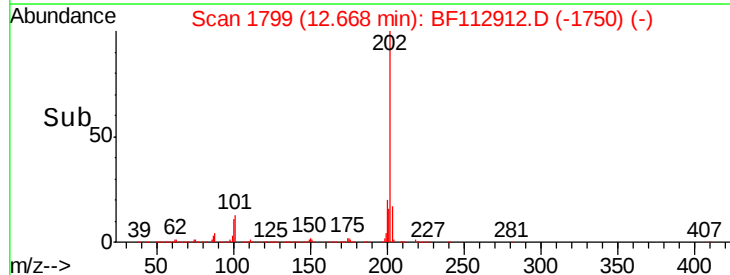
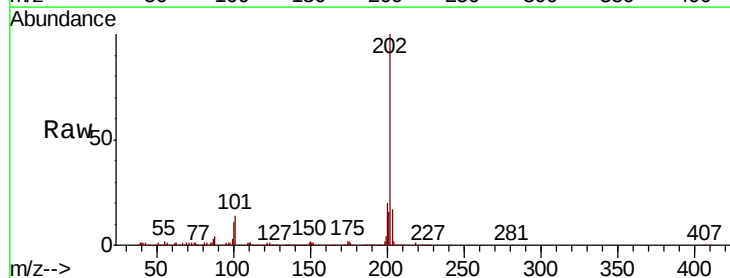
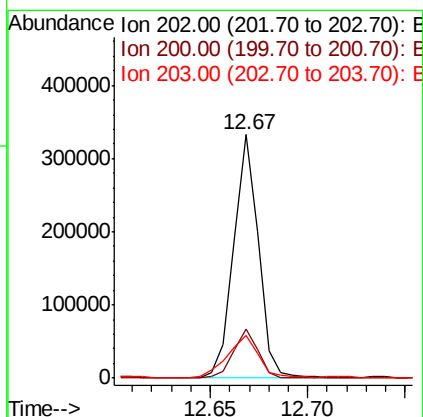
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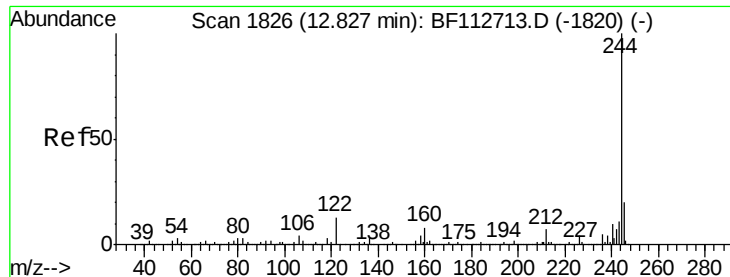
Sohil
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#78
Pyrene
Concen: 5.819 ng
RT: 12.67 min Scan# 1799
Delta R.T. -0.01 min
Lab File: BF112912.D
Acq: 7 Mar 2019 5:44

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	293060		
200	20.1	17.0	25.4	
203	17.5	14.4	21.6	





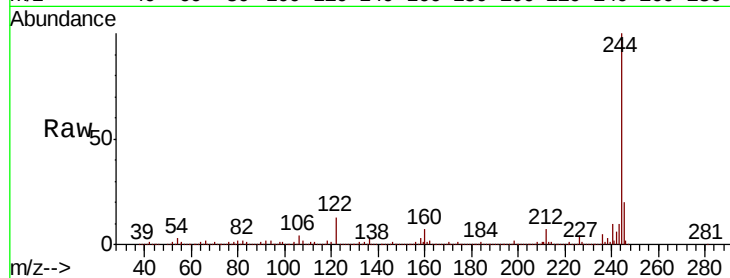
#79
 Terphenyl-d14
 Concen: 43.803 ng
 RT: 12.82 min Scan# 1824
 Delta R.T. -0.01 min
 Lab File: BF112912.D
 Acq: 7 Mar 2019 5:44

Instrument :
 BNA_F
 ClientSampleId :
 EXT-027-SW024-022719

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.6	8.4
122	12.5	10.5	15.7

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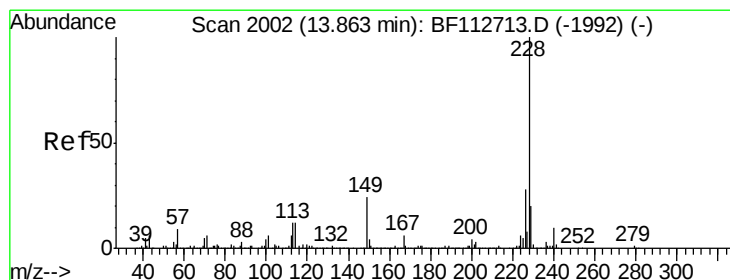
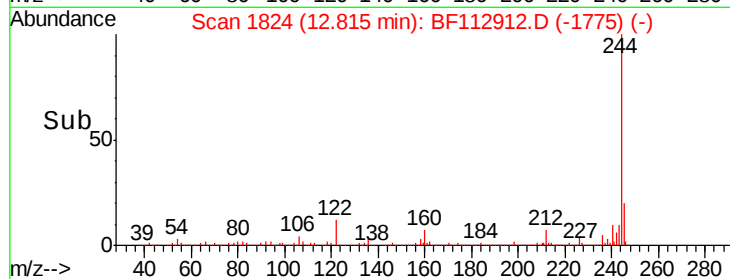
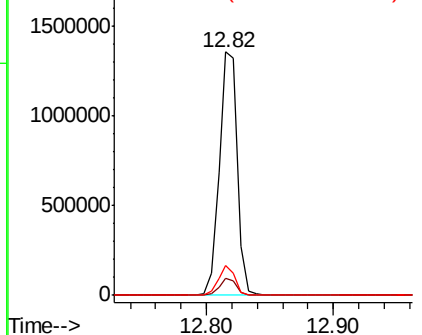


Abundance

Ion 244.00 (243.70 to 244.70): E

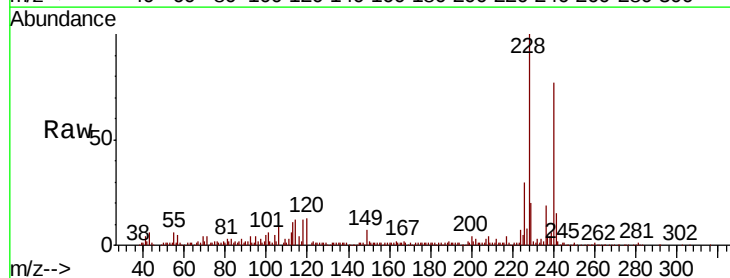
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#81
 Benzo(a)anthracene
 Concen: 3.991 ng
 RT: 13.85 min Scan# 2000
 Delta R.T. -0.01 min
 Lab File: BF112912.D
 Acq: 7 Mar 2019 5:44

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.5	22.2	33.4
229	19.9	16.0	24.0

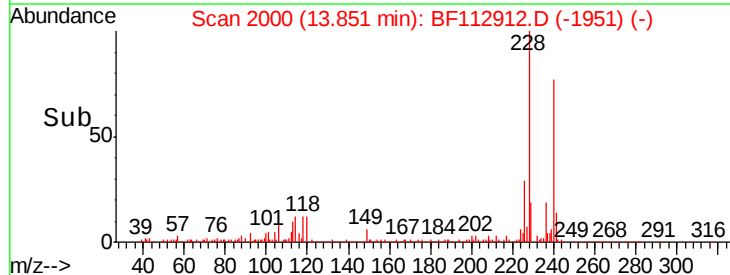
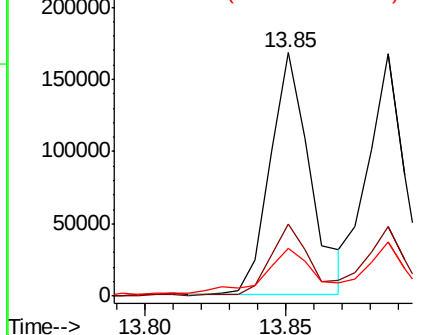


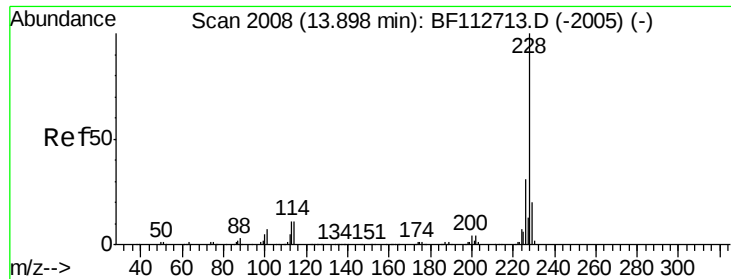
Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





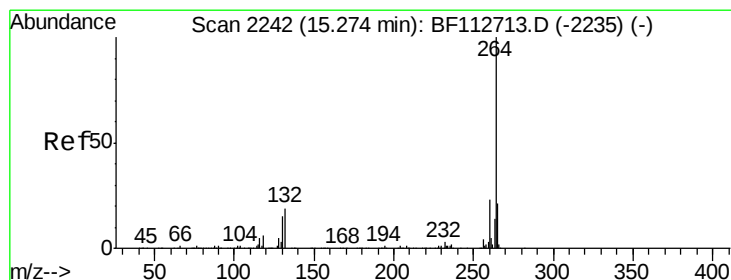
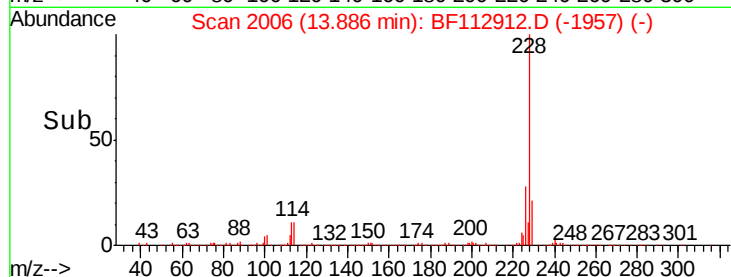
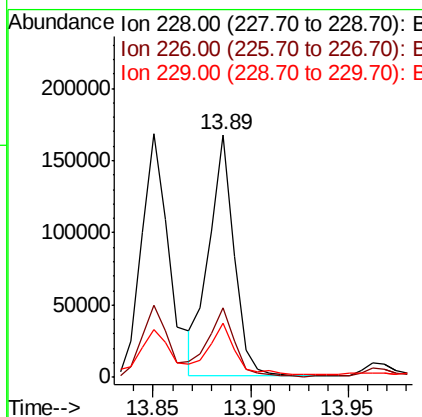
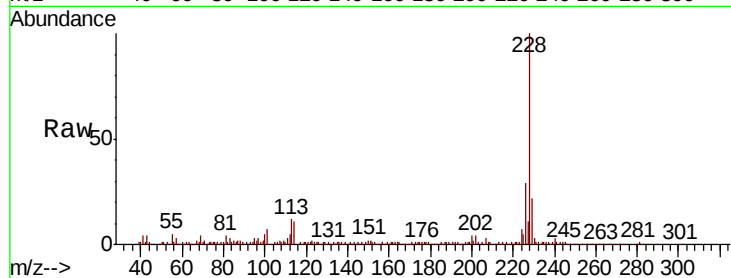
#83
Chrysene
Concen: 3.693 ng
RT: 13.89 min Scan# 2006
Delta R.T. -0.01 min
Lab File: BF112912.D
Acq: 7 Mar 2019 5:44

Instrument :
BNA_F
ClientSampleId :
EXT-027-SW024-022719

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.9	24.9	37.3
229	22.5	16.3	24.5

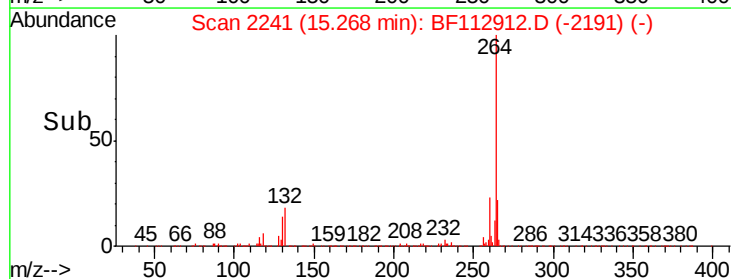
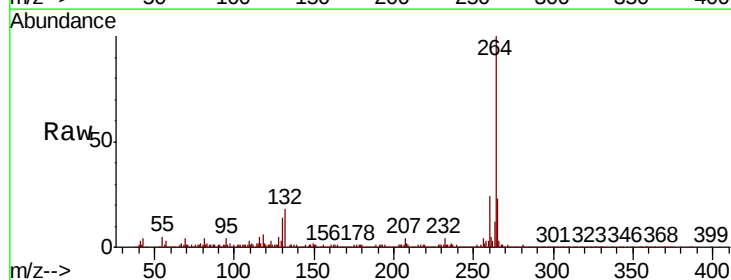
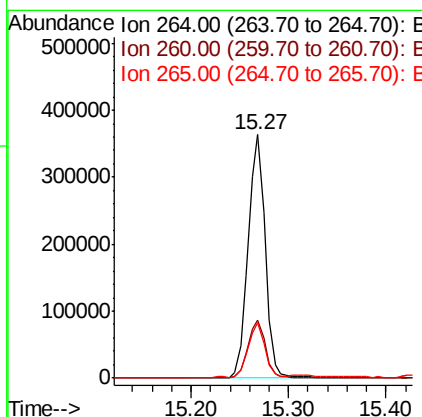
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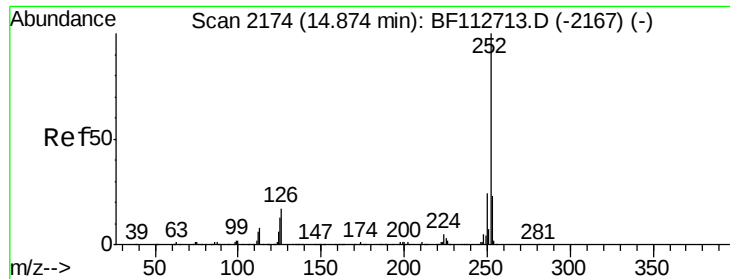
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#87
Perylene-d12
Concen: 20.000 ng
RT: 15.27 min Scan# 2241
Delta R.T. -0.01 min
Lab File: BF112912.D
Acq: 7 Mar 2019 5:44

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.7	28.1
265	22.7	17.2	25.8





#88

Benzo(b)fluoranthene

Concen: 5.065 ng m

RT: 14.87 min Scan# 2173

Delta R.T. -0.01 min

Lab File: BF112912.D

Acq: 7 Mar 2019 5:44

Instrument :

BNA_F

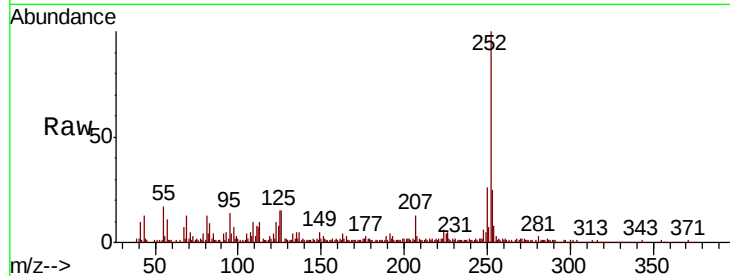
ClientSampleId :

EXT-027-SW024-022719

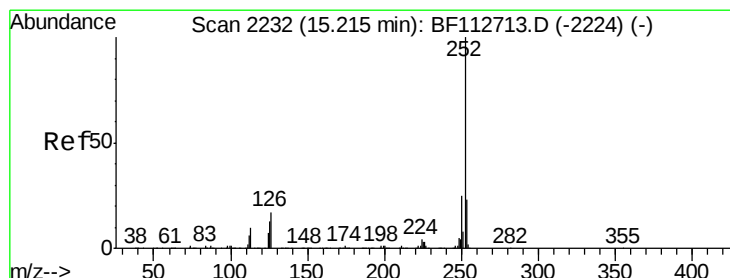
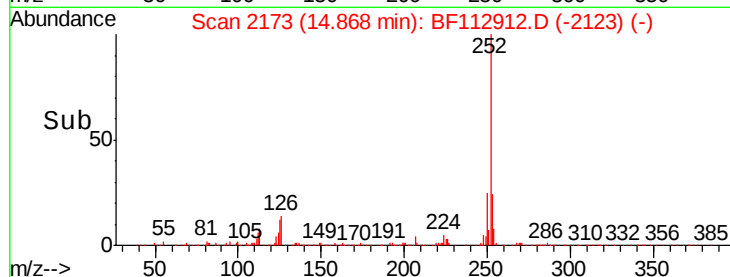
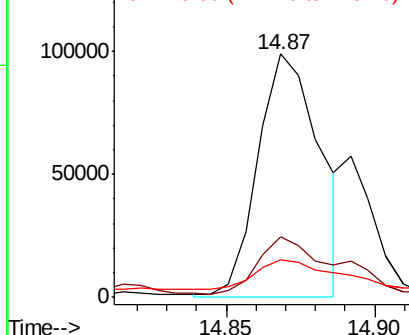
Tot Ion	Ratio	Lower	Upper
252	100		
253	25.0	18.0	27.0
125	15.3	10.2	15.2#

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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



#90

Benzo(a)pyrene

Concen: 3.513 ng

RT: 15.21 min Scan# 2231

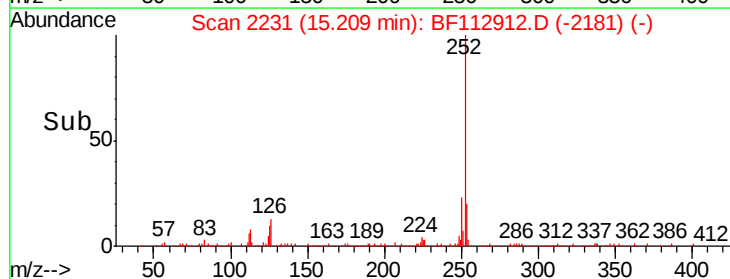
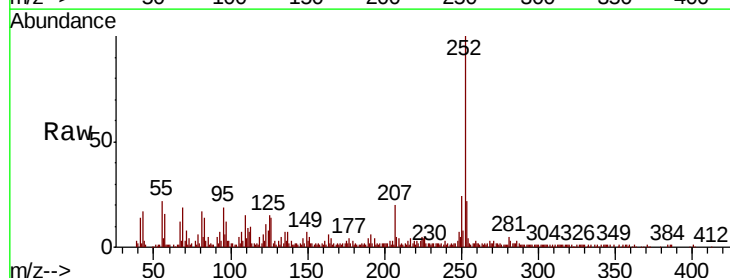
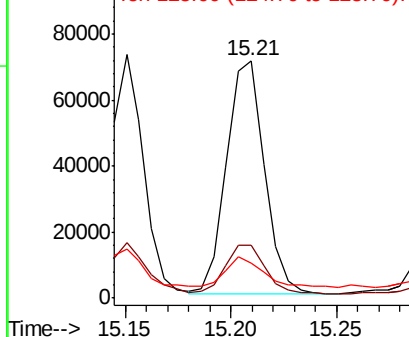
Delta R.T. -0.01 min

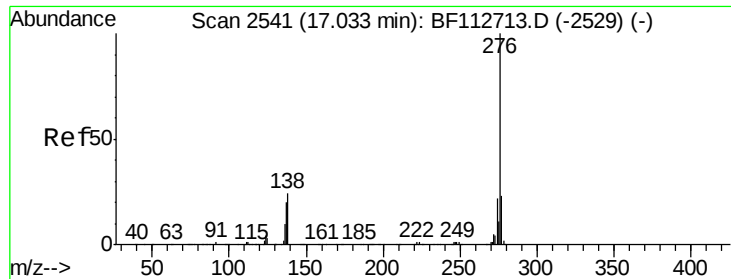
Lab File: BF112912.D

Acq: 7 Mar 2019 5:44

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.0	27.0
125	14.8	10.7	16.1

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





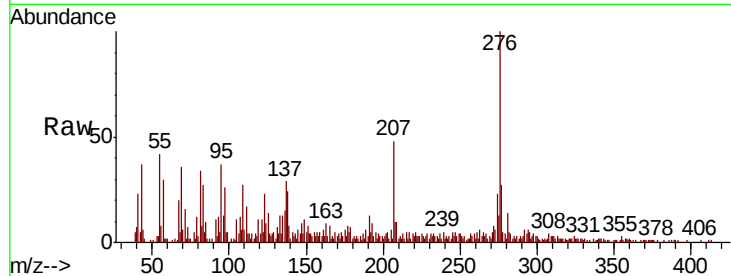
#92
 Benzo(a,h,i)perylene
 Concen: 2.809 ng
 RT: 17.03 min Scan# 2540
 Delta R.T. -0.01 min
 Lab File: BF112912.D
 Acq: 7 Mar 2019 5:44

Instrument :
 BNA_F
 ClientSampleId :
 EXT-027-SW024-022719

Tot Ion	Ion	Ratio	Resp	Lower	Upper
276	100				
277	26.5	18.6	27.8		
138	24.3	19.4	29.0		

Manual Integrations
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Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

