

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030519\
 Data File : BF112875.D
 Acq On : 6 Mar 2019 2:00
 Operator : JU/SJ
 Sample : K1705-06
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EXT-028-SW008-022719

Manual Integrations
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Sohil
 3/6/2019 12:24:48 PM

Quant Time: Mar 06 04:24:37 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	171265	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	627960	20.00	ng	0.00
39) Acenaphthene-d10	9.77	164	270687	20.00	ng	0.00
64) Phenanthrene-d10	11.25	188	493261	20.00	ng	0.00
76) Chrysene-d12	13.87	240	463751	20.00	ng	0.00
87) Perylene-d12	15.29	264	354102	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	1185612	107.69	ng	0.01
7) Phenol-d6	6.38	99	1526059	110.34	ng	0.01
23) Nitrobenzene-d5	7.30	82	930304	88.65	ng	0.00
42) 2,4,6-Tribromophenol	10.56	330	390507	135.89	ng	0.00
45) 2-Fluorobiphenyl	9.10	172	1452428	90.42	ng	0.00
79) Terphenyl-d14	12.83	244	1393105	58.23	ng	0.00
Target Compounds						
10) Phenol	6.39	94	104491	6.474	ng	87
50) Dimethylphthalate	9.49	163	123803	6.203	ng	99
71) Phenanthrene	11.27	178	109045	4.443	ng	97
75) Fluoranthene	12.46	202	170292	6.477	ng	95
78) Pyrene	12.68	202	157052	4.017	ng	98
81) Benzo(a)anthracene	13.86	228	84213	2.620	ng	99
83) Chrysene	13.90	228	82922	2.634	ng	95
84) Bis(2-ethylhexyl)phthalate	13.87	149	371456	18.351	ng	98
88) Benzo(b)fluoranthene	14.89	252	76626m	3.345	ng	
90) Benzo(a)pyrene	15.22	252	45861	2.264	ng	95

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

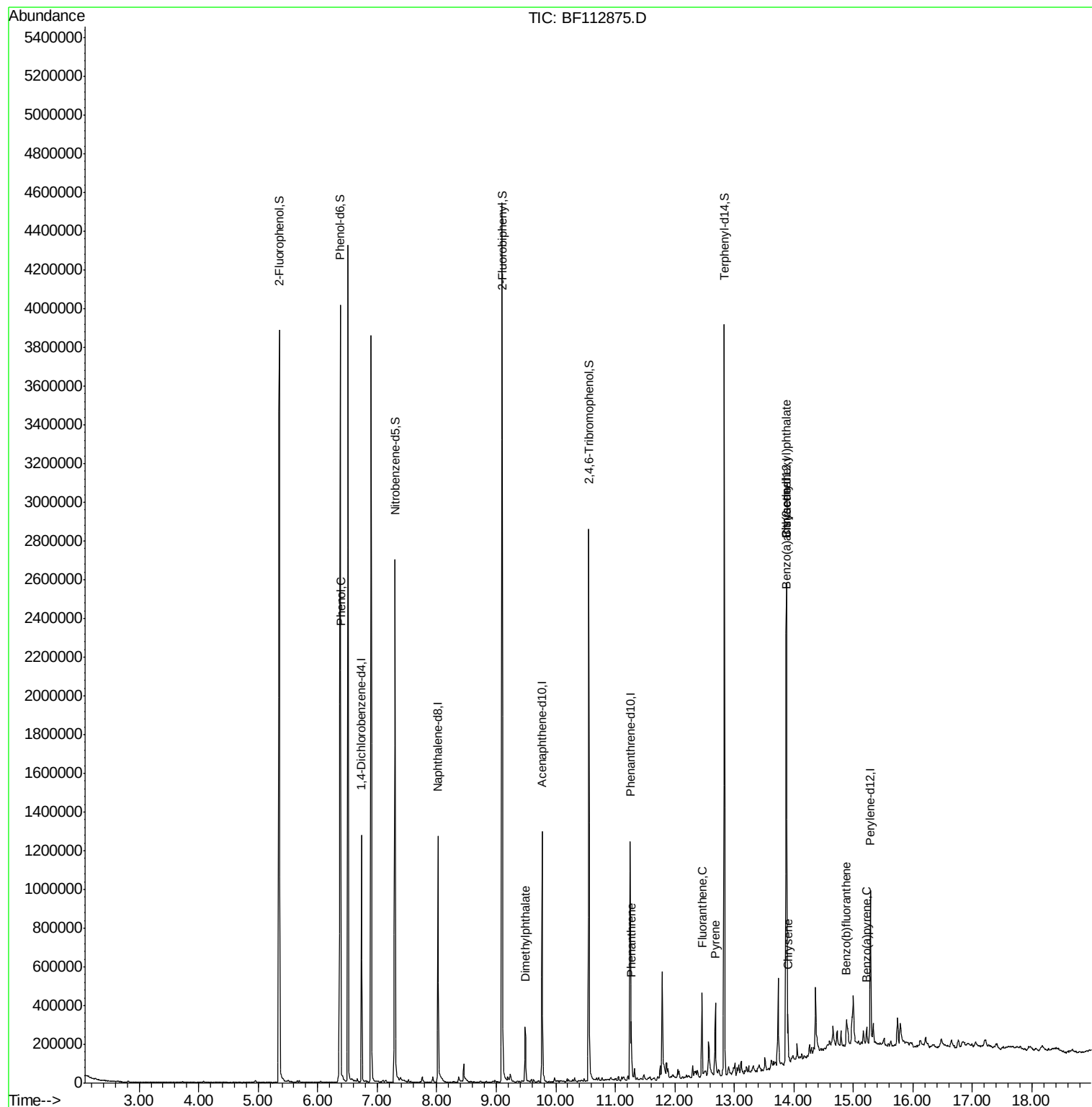
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030519\
Data File : BF112875.D
Acq On : 6 Mar 2019 2:00
Operator : JU/SJ
Sample : K1705-06
Misc :
ALS Vial : 20 Sample Multiplier: 1

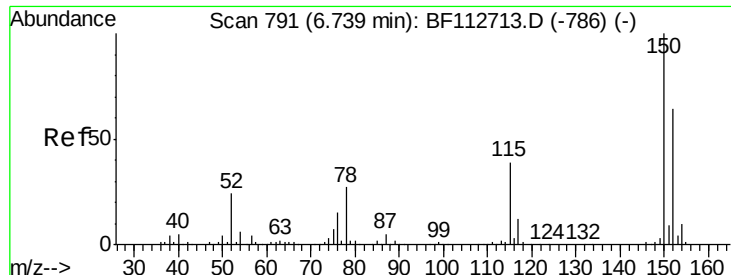
Instrument :
BNA_F
ClientSampleId :
EXT-028-SW008-022719

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

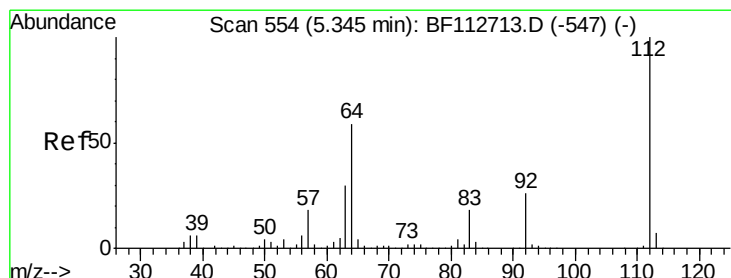
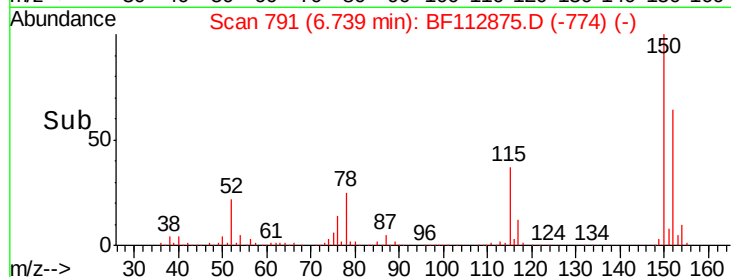
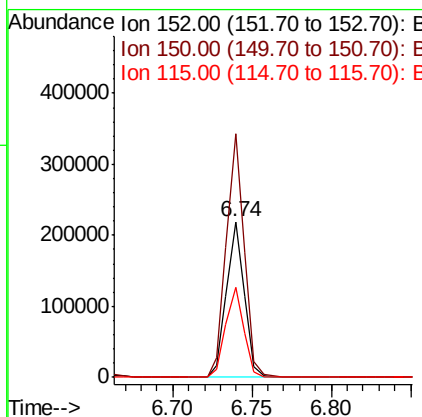
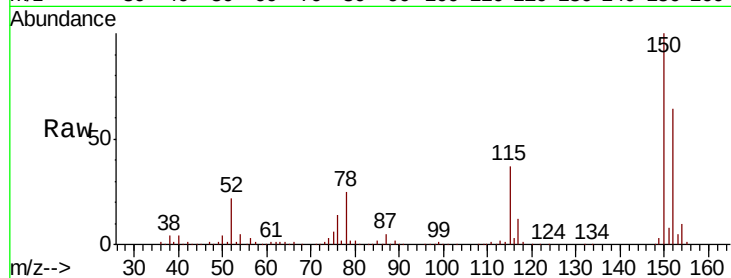
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.74 min Scan# 791
Delta R.T. 0.00 min
Lab File: BF112875.D
Acq: 6 Mar 2019 2:00

Instrument :
BNA_F
ClientSampleId :
EXT-028-SW008-022719

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.4	124.2	186.2
115	58.2	48.2	72.4

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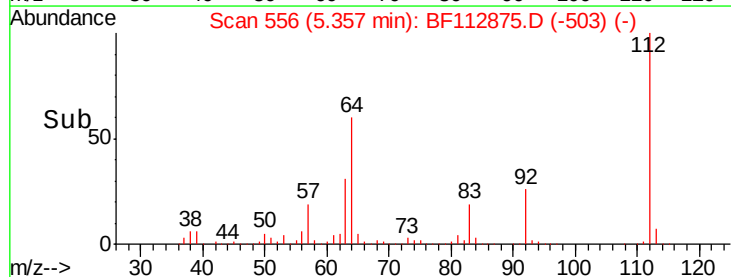
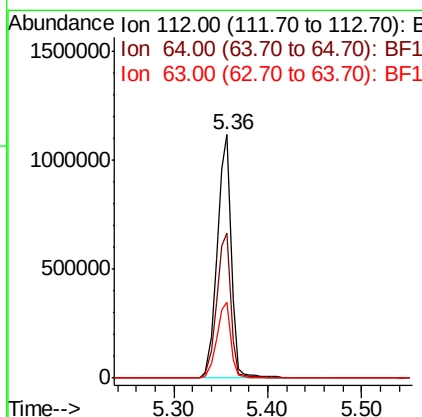
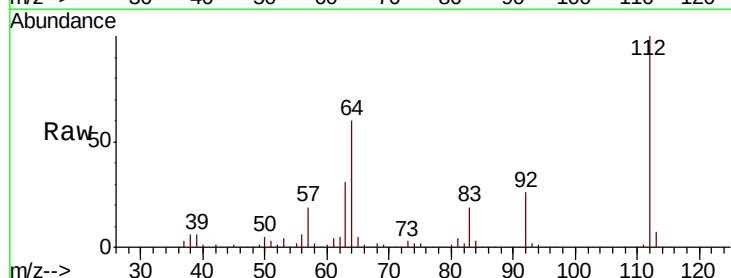
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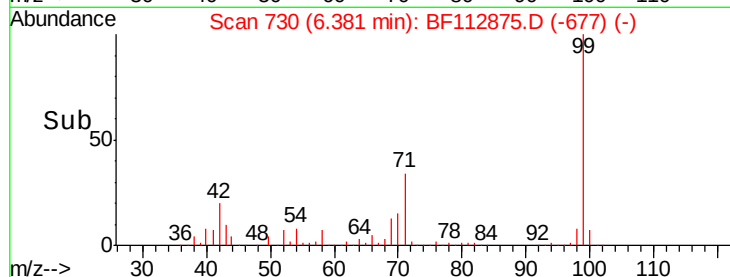
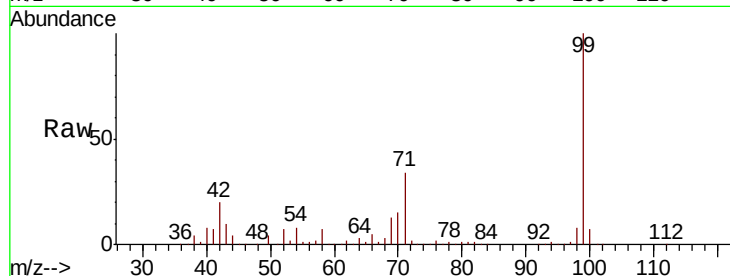
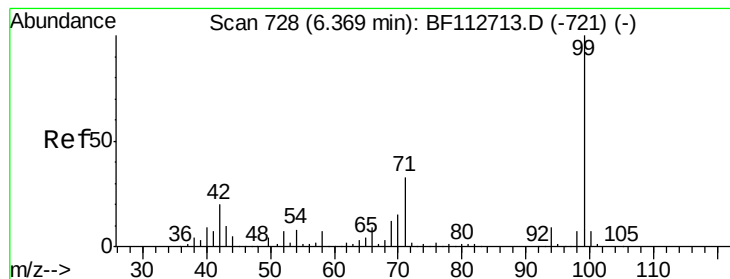


#5

2-Fluorophenol
Concen: 107.685 ng
RT: 5.36 min Scan# 556
Delta R.T. 0.01 min
Lab File: BF112875.D
Acq: 6 Mar 2019 2:00

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.5	47.6	71.4
63	31.3	24.4	36.6





#7

Phenol-d6

Concen: 110.341 ng

RT: 6.38 min Scan# 730

Delta R.T. 0.01 min

Lab File: BF112875.D

Acq: 6 Mar 2019 2:00

Tot Ion: 99 Resp: 1526059

Ion Ratio Lower Upper

99 100

42 19.8 16.3 24.5

71 33.5 26.2 39.4

Instrument :

BNA_F

ClientSampleId :

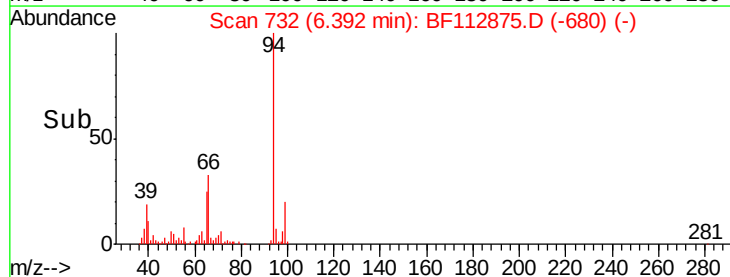
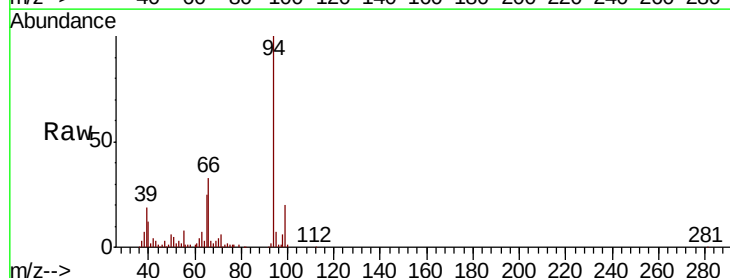
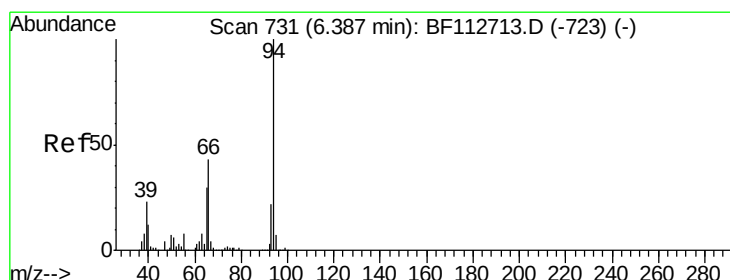
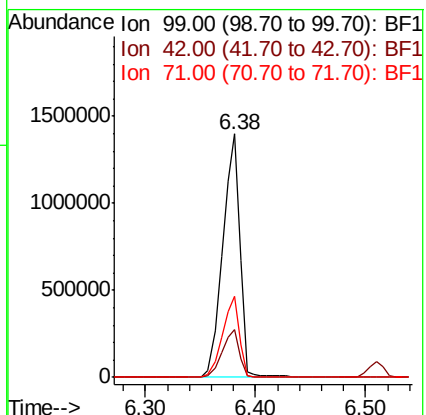
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#10

Phenol

Concen: 6.474 ng

RT: 6.39 min Scan# 732

Delta R.T. 0.01 min

Lab File: BF112875.D

Acq: 6 Mar 2019 2:00

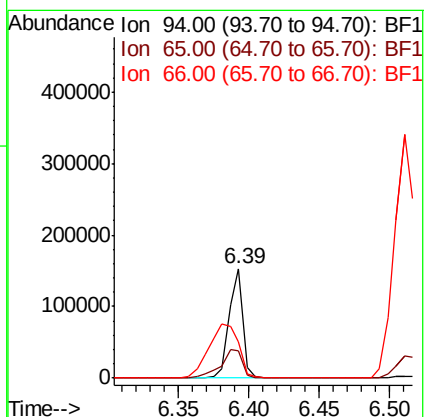
Tgt Ion: 94 Resp: 104491

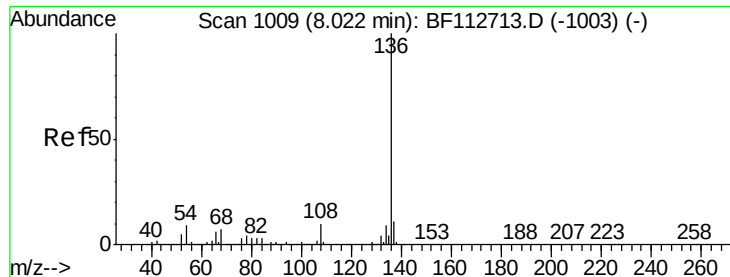
Ion Ratio Lower Upper

94 100

65 25.5 10.5 50.5

66 33.0 22.6 62.6





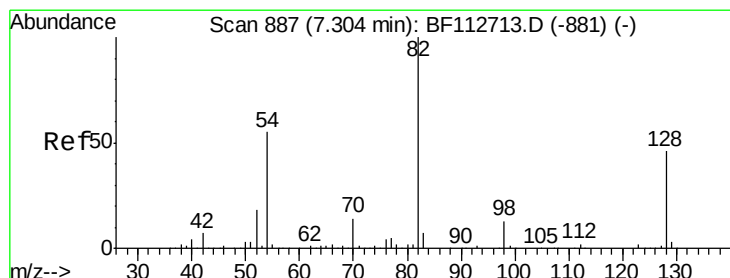
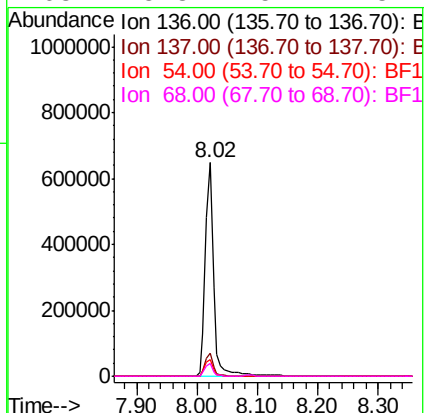
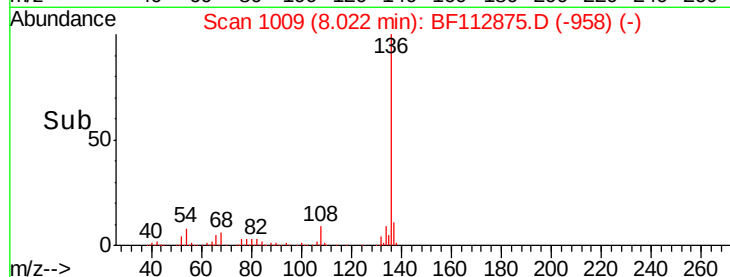
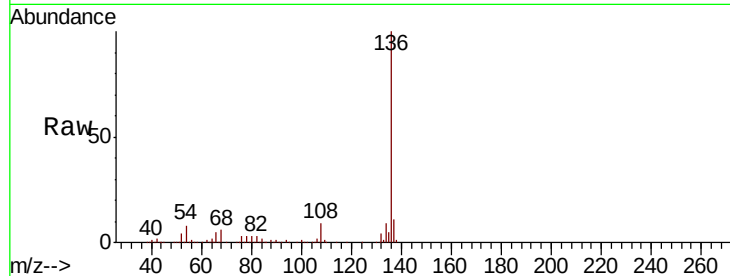
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.02 min Scan# 1009
Delta R.T. 0.00 min
Lab File: BF112875.D
Acq: 6 Mar 2019 2:00

Instrument :
BNA_F
ClientSampleId :
EXT-028-SW008-022719

Tot Ion	Ratio	Resp	Lower	Upper
136	100	627960		
137	10.9	8.9	13.3	
54	7.7	7.3	10.9	
68	5.8	5.4	8.2	

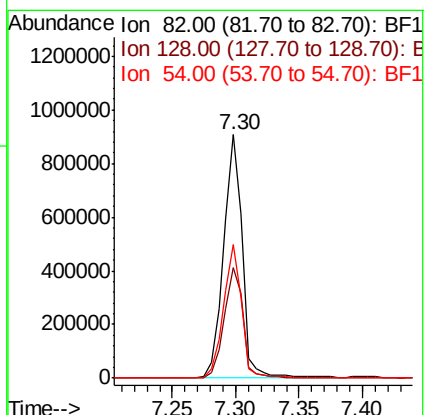
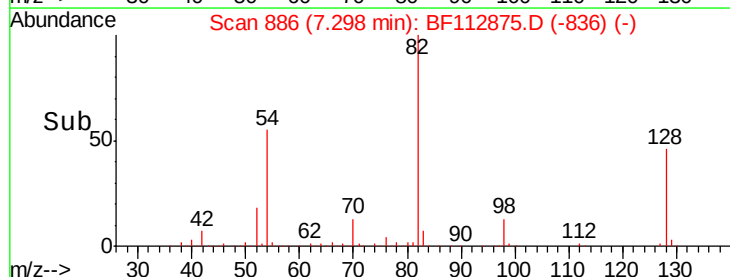
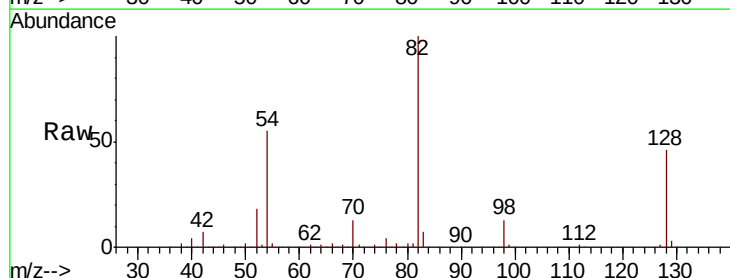
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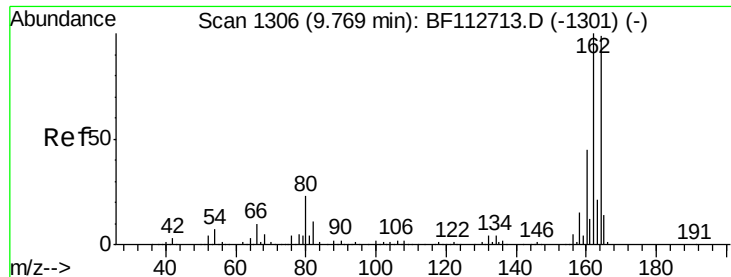
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#23
Nitrobenzene-d5
Concen: 88.648 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.01 min
Lab File: BF112875.D
Acq: 6 Mar 2019 2:00

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	930304		
128	45.5	36.3	54.5	
54	54.8	43.7	65.5	





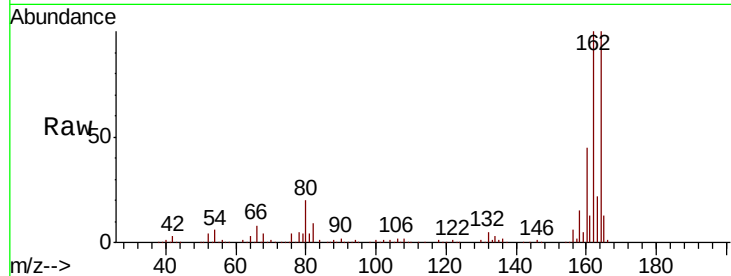
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.77 min Scan# 1306
Delta R.T. 0.00 min
Lab File: BF112875.D
Acq: 6 Mar 2019 2:00

Instrument :
BNA_F
ClientSampleId :
EXT-028-SW008-022719

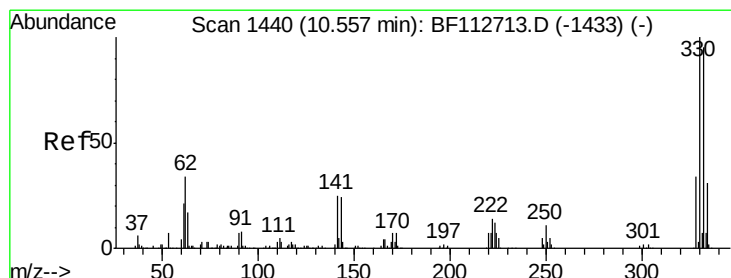
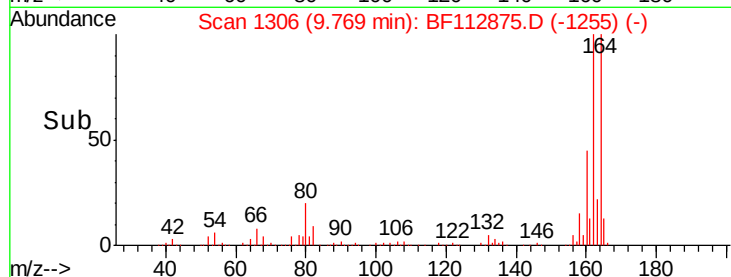
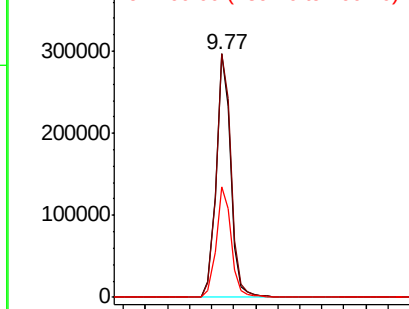
Tot Ion	Ratio	Resp	Lower	Upper
164	100	270687		
162	100.1	80.6	120.8	
160	45.4	36.0	54.0	

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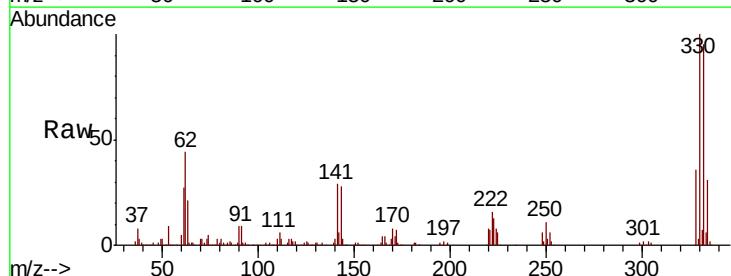


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

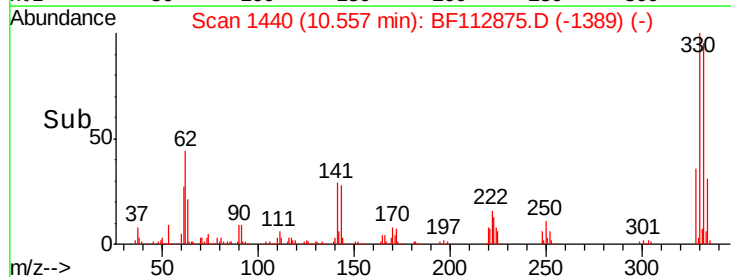
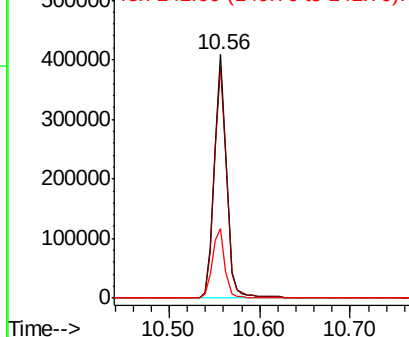


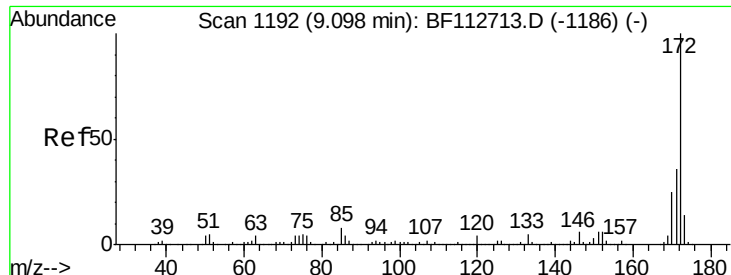
#42
2,4,6-Tribromophenol
Concen: 135.891 ng
RT: 10.56 min Scan# 1440
Delta R.T. 0.00 min
Lab File: BF112875.D
Acq: 6 Mar 2019 2:00

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	390507		
332	96.8	76.2	114.4	
141	29.5	27.0	40.6	



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





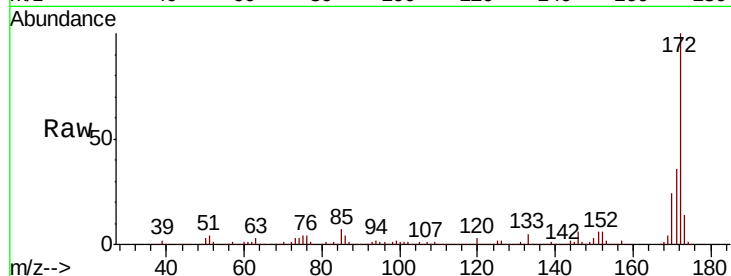
#45
2-Fluorobiphenyl
Concen: 90.424 ng
RT: 9.10 min Scan# 1192
Delta R.T. 0.00 min
Lab File: BF112875.D
Acq: 6 Mar 2019 2:00

Instrument :
BNA_F
ClientSampleId :
EXT-028-SW008-022719

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.0	43.4
170	24.3	20.0	30.0

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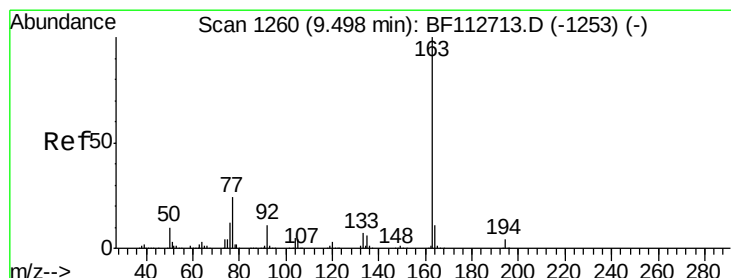
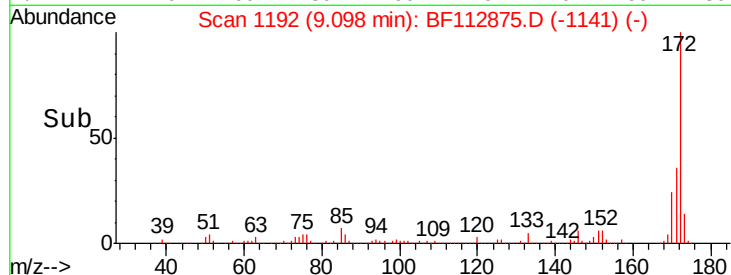
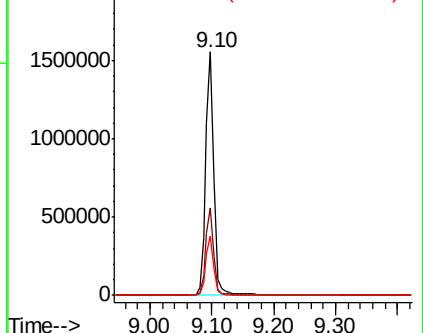


Abundance

Ion 172.00 (171.70 to 172.70): E

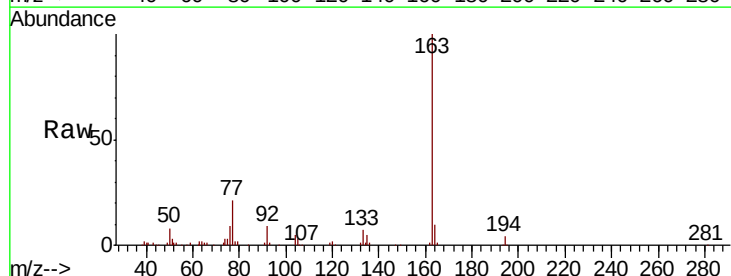
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#50
Dimethylphthalate
Concen: 6.203 ng
RT: 9.49 min Scan# 1258
Delta R.T. -0.01 min
Lab File: BF112875.D
Acq: 6 Mar 2019 2:00

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.0	4.4
164	10.3	8.4	12.6

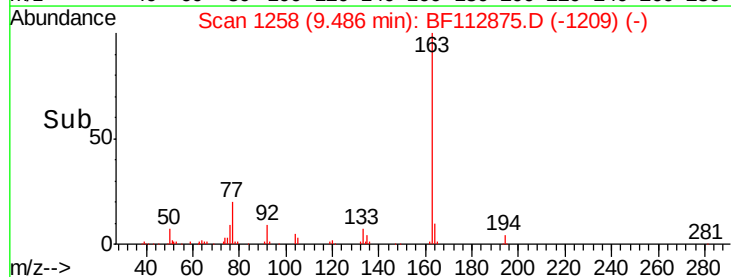
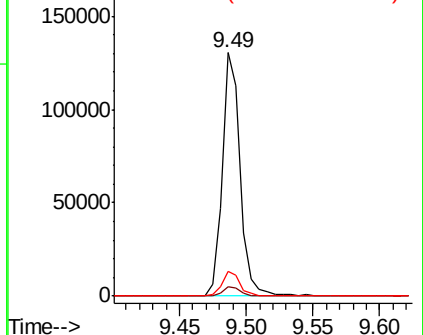


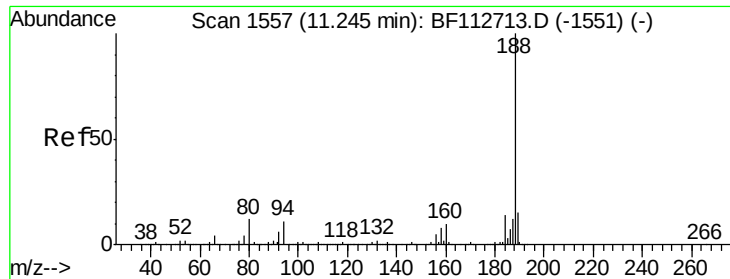
Abundance

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





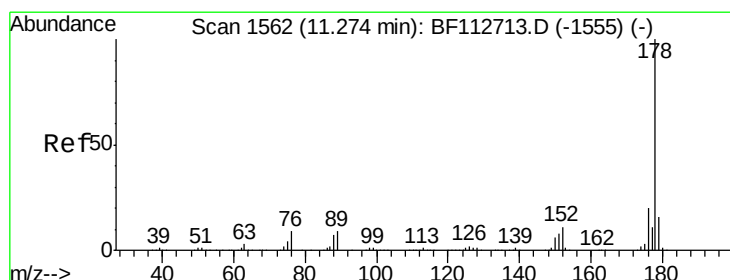
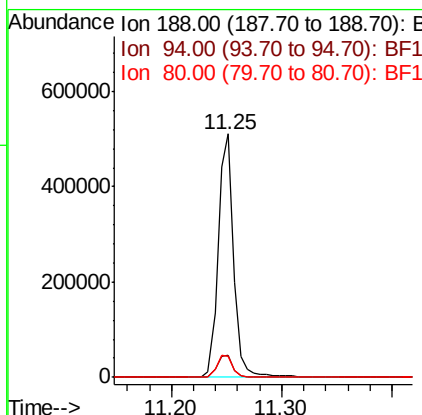
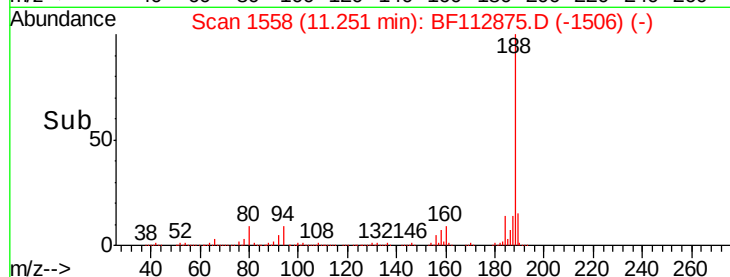
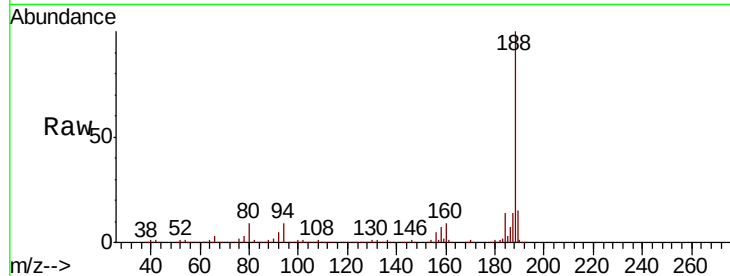
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1558
Delta R.T. 0.01 min
Lab File: BF112875.D
Acq: 6 Mar 2019 2:00

Instrument :
BNA_F
ClientSampleId :
EXT-028-SW008-022719

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	9.0	9.0	13.4
80	8.8	9.2	13.8#

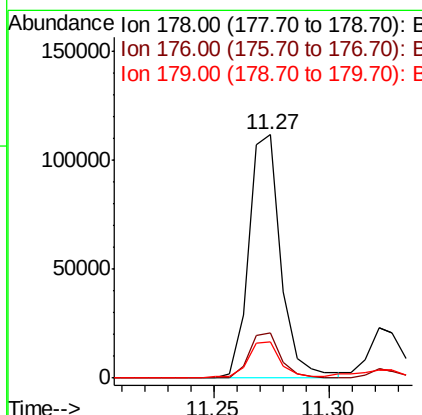
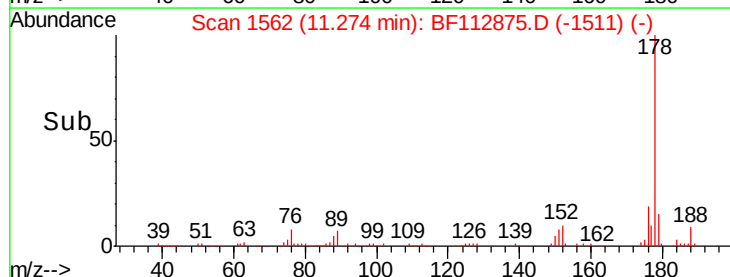
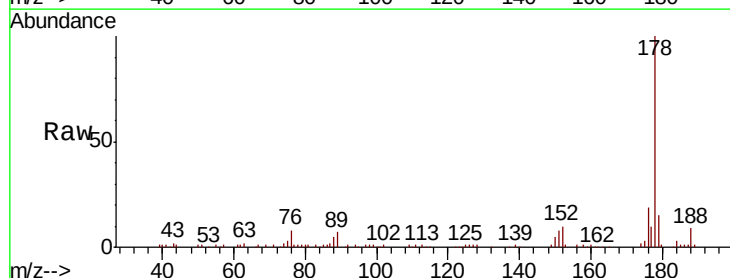
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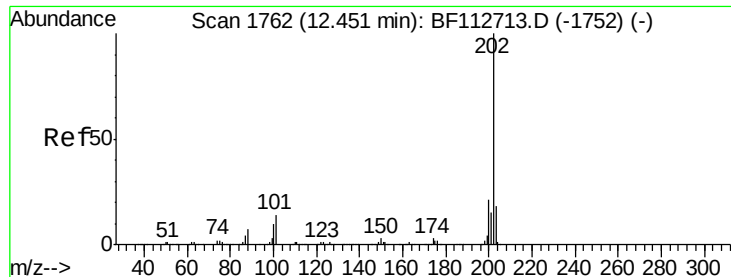
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#71
Phenanthrene
Concen: 4.443 ng
RT: 11.27 min Scan# 1562
Delta R.T. 0.00 min
Lab File: BF112875.D
Acq: 6 Mar 2019 2:00

Tgt Ion	Ratio	Resp Lower	Upper
178	100		
176	18.6	16.3	24.5
179	14.7	12.7	19.1





#75

Fluoranthene

Concen: 6.477 ng

RT: 12.46 min Scan# 1763

Delta R.T. 0.01 min

Lab File: BF112875.D

Acq: 6 Mar 2019 2:00

Instrument :

BNA_F

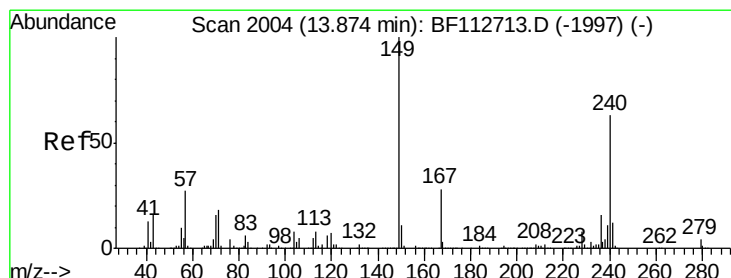
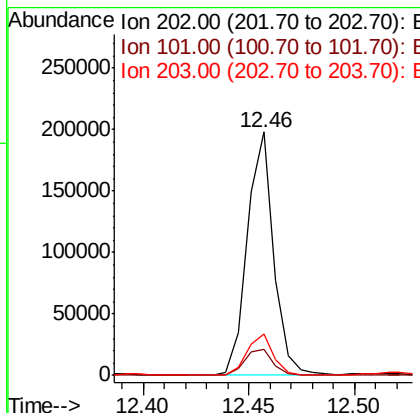
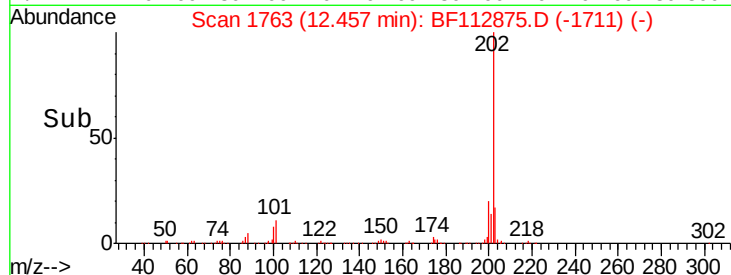
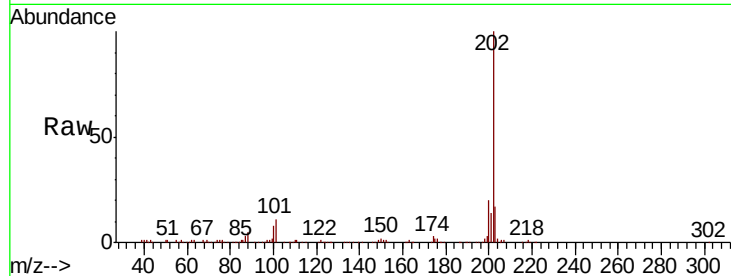
ClientSampleId :

EXT-028-SW008-022719

Tot Ion:	202	Resp:	170292
Ion Ratio		Lower	Upper
202	100		
101	10.9	0.0	33.8
203	17.1	0.0	38.4

Manual Integrations
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#76

Chrysene-d12

Concen: 20.000 ng

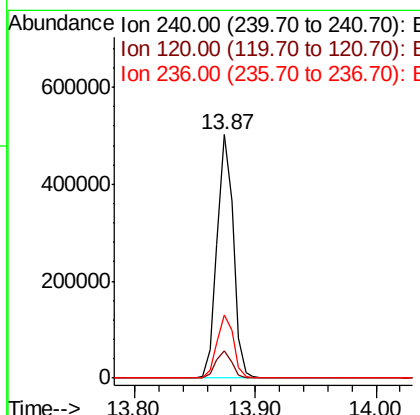
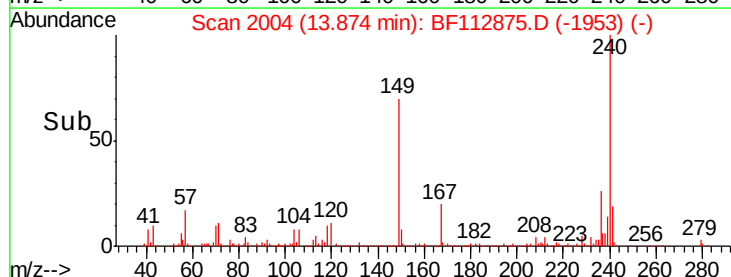
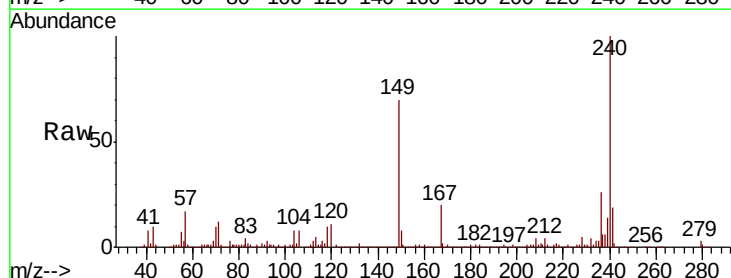
RT: 13.87 min Scan# 2004

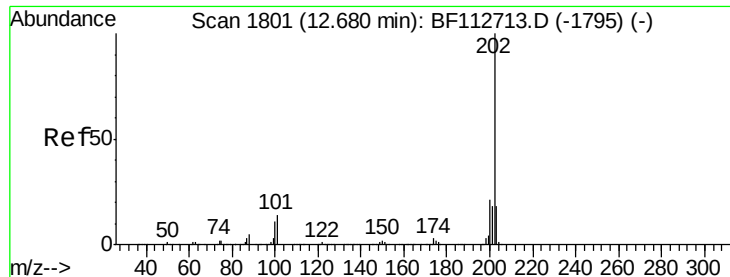
Delta R.T. 0.00 min

Lab File: BF112875.D

Acq: 6 Mar 2019 2:00

Tgt Ion:	240	Resp:	463751
Ion Ratio		Lower	Upper
240	100		
120	11.4	8.9	13.3
236	26.1	20.7	31.1





#78

Pvrene

Concen: 4.017 ng

RT: 12.68 min Scan# 1801

Delta R.T. 0.00 min

Lab File: BF112875.D

Acq: 6 Mar 2019 2:00

Instrument :

BNA_F

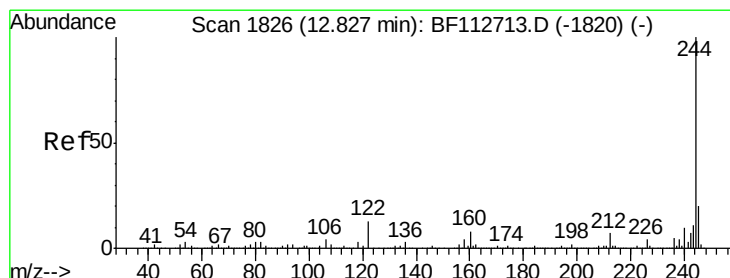
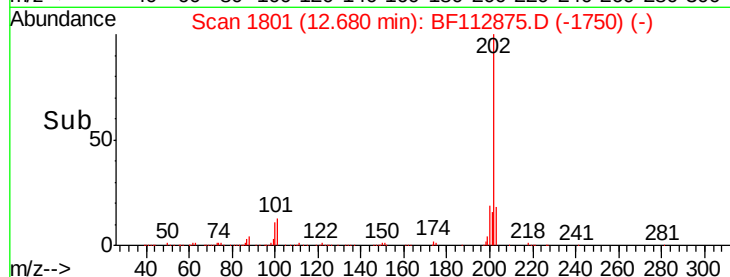
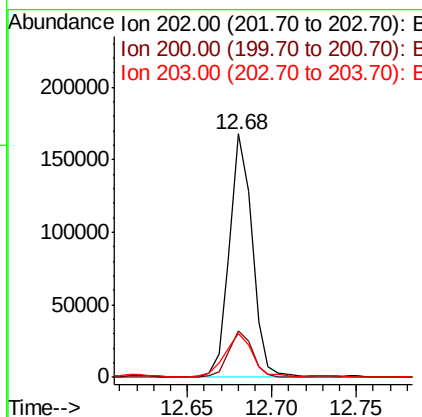
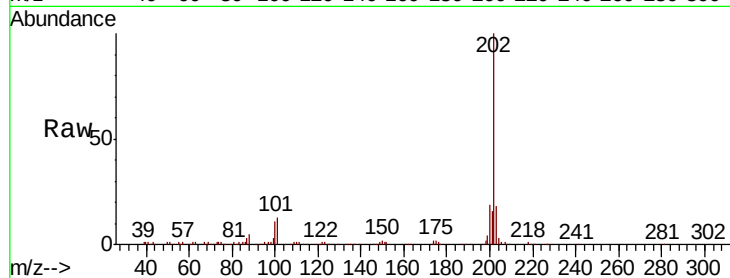
ClientSampleId :

EXT-028-SW008-022719

Tot Ion:	202	Resp:	157052
Ion Ratio	Lower	Upper	
202	100		
200	19.3	17.0	25.4
203	18.1	14.4	21.6

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#79

Terphenyl-d14

Concen: 58.232 ng

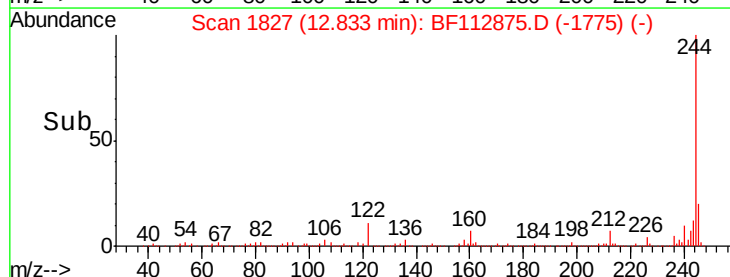
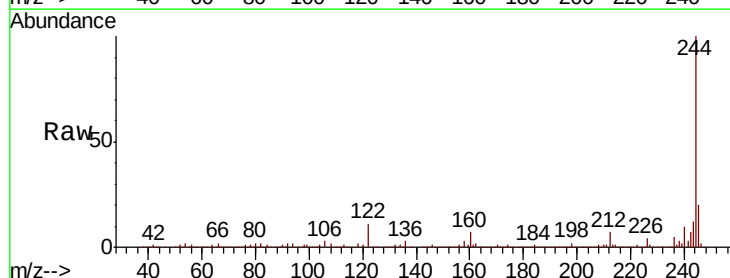
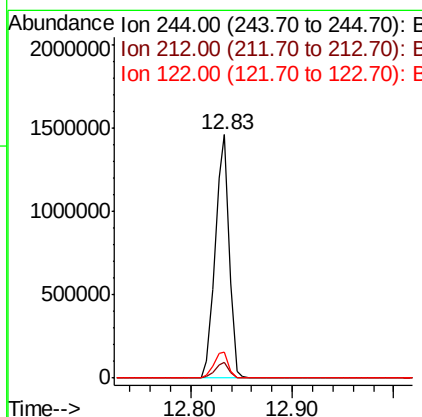
RT: 12.83 min Scan# 1827

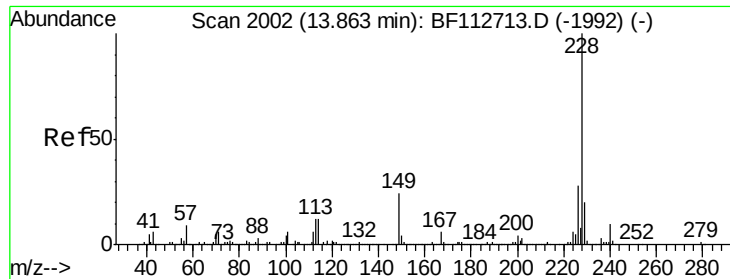
Delta R.T. 0.01 min

Lab File: BF112875.D

Acq: 6 Mar 2019 2:00

Tgt Ion:	244	Resp:	1393105
Ion Ratio	Lower	Upper	
244	100		
212	6.7	5.6	8.4
122	10.7	10.5	15.7





#81

Benzo(a)anthracene

Concen: 2.620 ng

RT: 13.86 min Scan# 2002

Delta R.T. 0.00 min

Lab File: BF112875.D

Acq: 6 Mar 2019 2:00

Instrument :

BNA_F

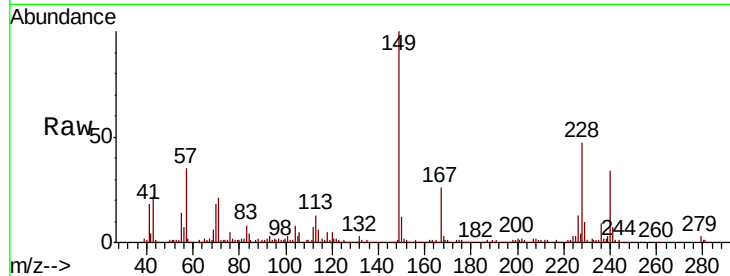
ClientSampleId :

EXT-028-SW008-022719

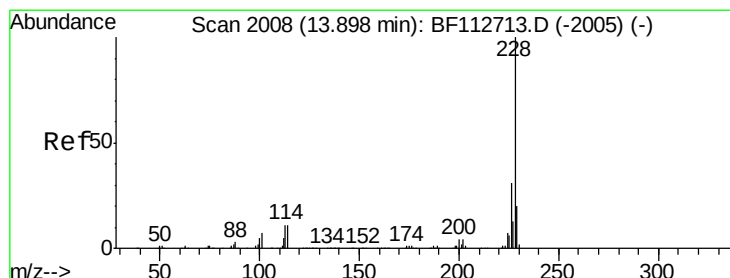
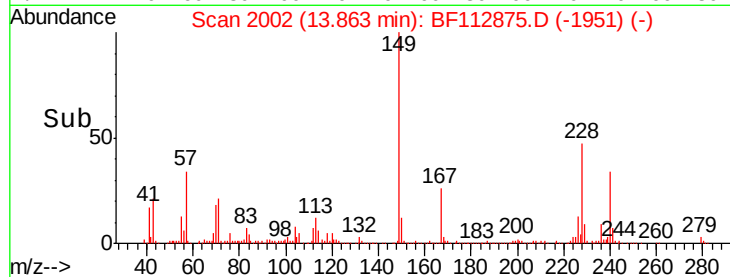
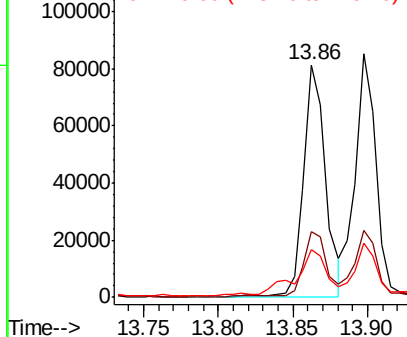
Tot Ion:	228	Resp:	84213
Ion Ratio	Lower	Upper	
228	100		
226	28.5	22.2	33.4
229	20.5	16.0	24.0

Manual Integrations
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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: 2.634 ng

RT: 13.90 min Scan# 2008

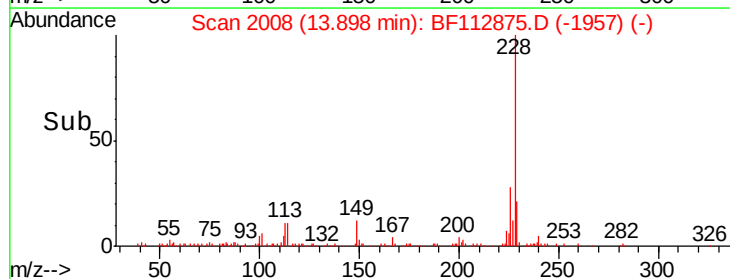
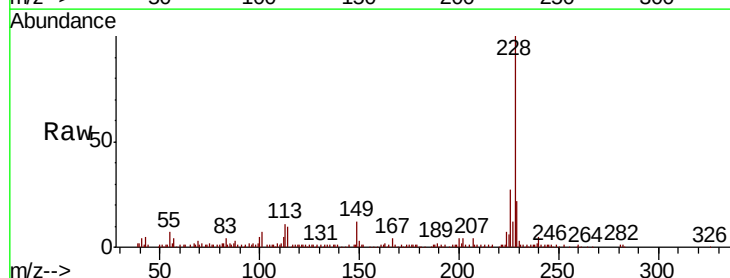
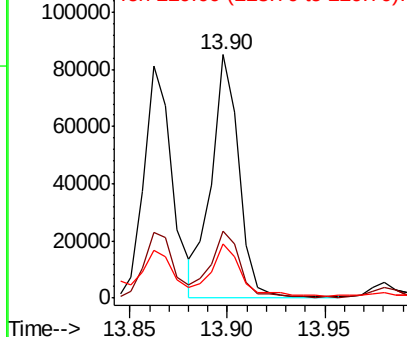
Delta R.T. 0.00 min

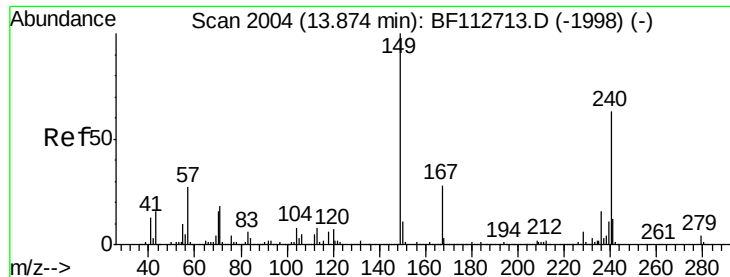
Lab File: BF112875.D

Acq: 6 Mar 2019 2:00

Tgt Ion:	228	Resp:	82922
Ion Ratio	Lower	Upper	
228	100		
226	27.4	24.9	37.3
229	22.0	16.3	24.5

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





#84

Bis(2-ethylhexyl)phthalate

Concen: 18.351 ng

RT: 13.87 min Scan# 2003

Delta R.T. -0.01 min

Lab File: BF112875.D

Acq: 6 Mar 2019 2:00

Instrument :

BNA_F

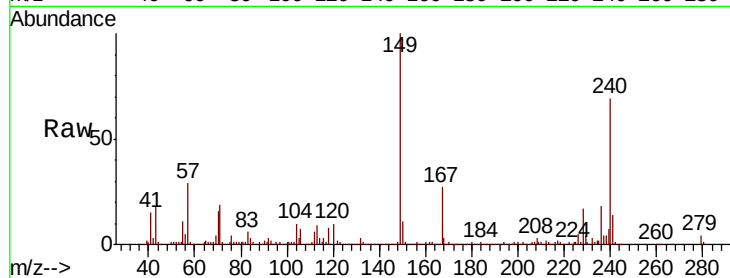
ClientSampleId :

EXT-028-SW008-022719

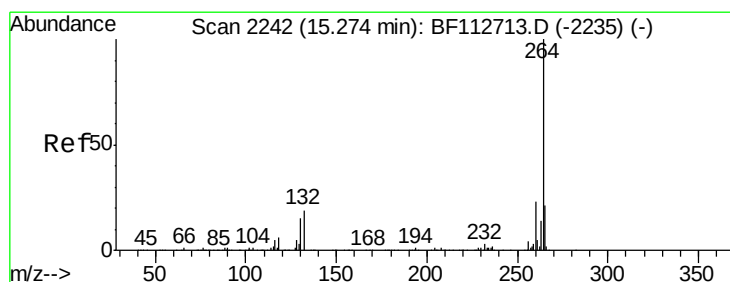
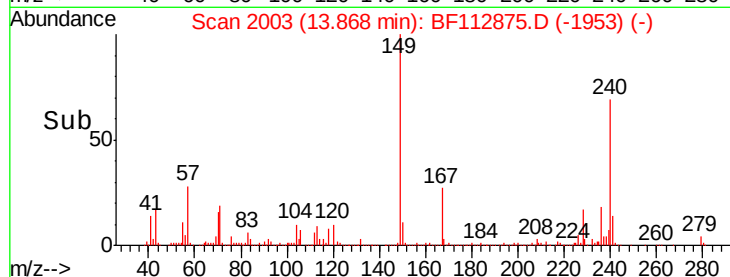
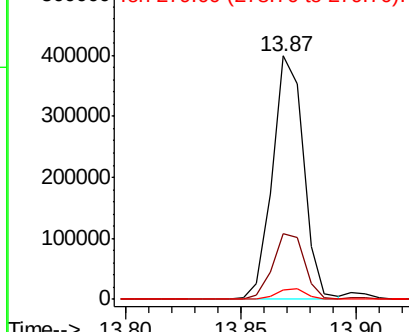
Tot Ion:	149	Resp:	371456
Ion Ratio	Lower	Upper	
149	100		
167	26.8	22.4	33.6
279	3.9	3.3	4.9

Manual Integrations
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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E



#87

Perylene-d12

Concen: 20.000 ng

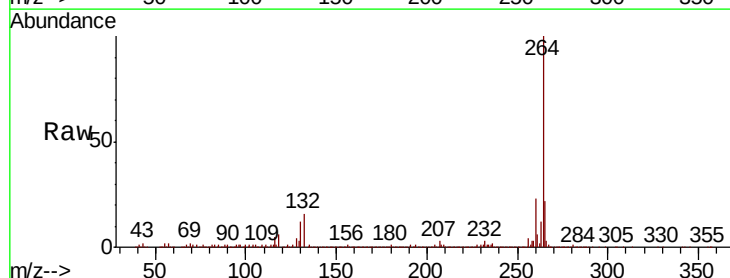
RT: 15.29 min Scan# 2244

Delta R.T. 0.01 min

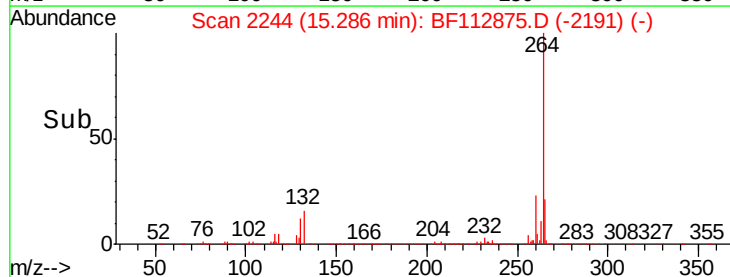
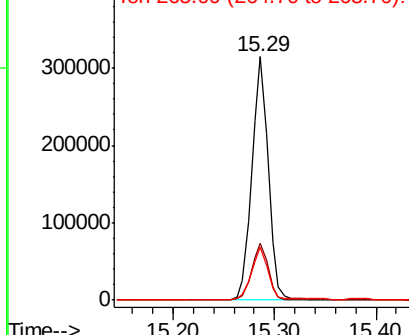
Lab File: BF112875.D

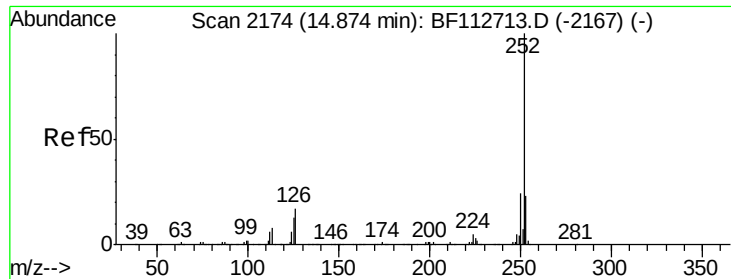
Acq: 6 Mar 2019 2:00

Tgt Ion:	264	Resp:	354102
Ion Ratio	Lower	Upper	
264	100		
260	23.3	18.7	28.1
265	21.7	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





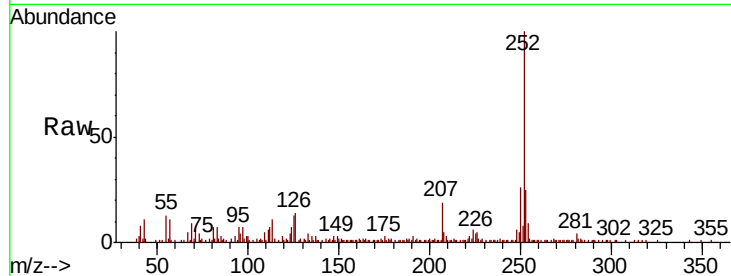
#88
Benzo(b)fluoranthene
Concen: 3.345 ng m
RT: 14.89 min Scan# 2176
Delta R.T. 0.01 min
Lab File: BF112875.D
Acq: 6 Mar 2019 2:00

Instrument :
BNA_F
ClientSampleId :
EXT-028-SW008-022719

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.6	18.0	27.0
125	13.5	10.2	15.2

Manual Integrations
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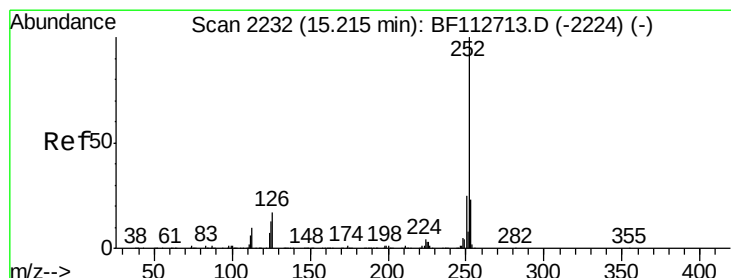
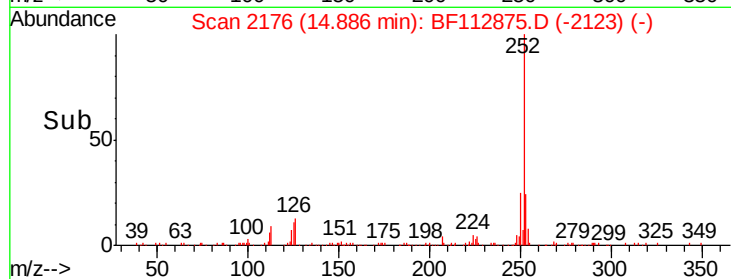
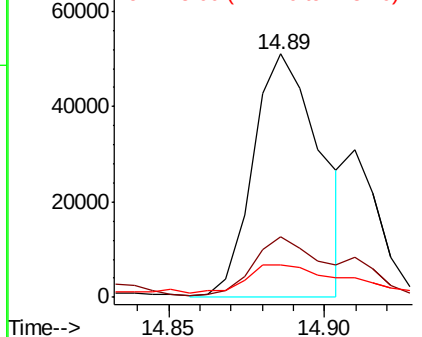


Abundance

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: 2.264 ng
RT: 15.22 min Scan# 2233
Delta R.T. 0.01 min
Lab File: BF112875.D
Acq: 6 Mar 2019 2:00

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.7	18.0	27.0
125	15.7	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

