

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030519\
 Data File : BF112874.D
 Acq On : 6 Mar 2019 1:32
 Operator : JU/SJ
 Sample : K1705-04
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EXT-028-SW005-022719

Manual Integrations
 APPROVED

Sohil
 3/6/2019 12:24:45 PM

Quant Time: Mar 06 04:21:00 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	164838	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	623620	20.00	ng	0.00
39) Acenaphthene-d10	9.77	164	275563	20.00	ng	0.00
64) Phenanthrene-d10	11.25	188	502585	20.00	ng	0.00
76) Chrysene-d12	13.87	240	465058	20.00	ng	0.00
87) Perylene-d12	15.29	264	346466	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	896858	84.63	ng	0.00
7) Phenol-d6	6.38	99	1186379	89.13	ng	0.01
23) Nitrobenzene-d5	7.30	82	707328	67.87	ng	0.00
42) 2,4,6-Tribromophenol	10.56	330	300573	102.74	ng	0.00
45) 2-Fluorobiphenyl	9.10	172	1115082	62.53	ng	0.00
79) Terphenyl-d14	12.83	244	1013626	42.25	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.49	163	87313	4.297	ng	99
75) Fluoranthene	12.46	202	136129	5.081	ng	94
78) Pyrene	12.68	202	114917	2.931	ng	98
83) Chrysene	13.90	228	74494	2.360	ng	97
84) Bis(2-ethylhexyl)phthalate	13.87	149	53056	2.614	ng	99
88) Benzo(b)fluoranthene	14.89	252	82293m	3.672	ng	
90) Benzo(a)pyrene	15.23	252	43557	2.197	ng	99

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

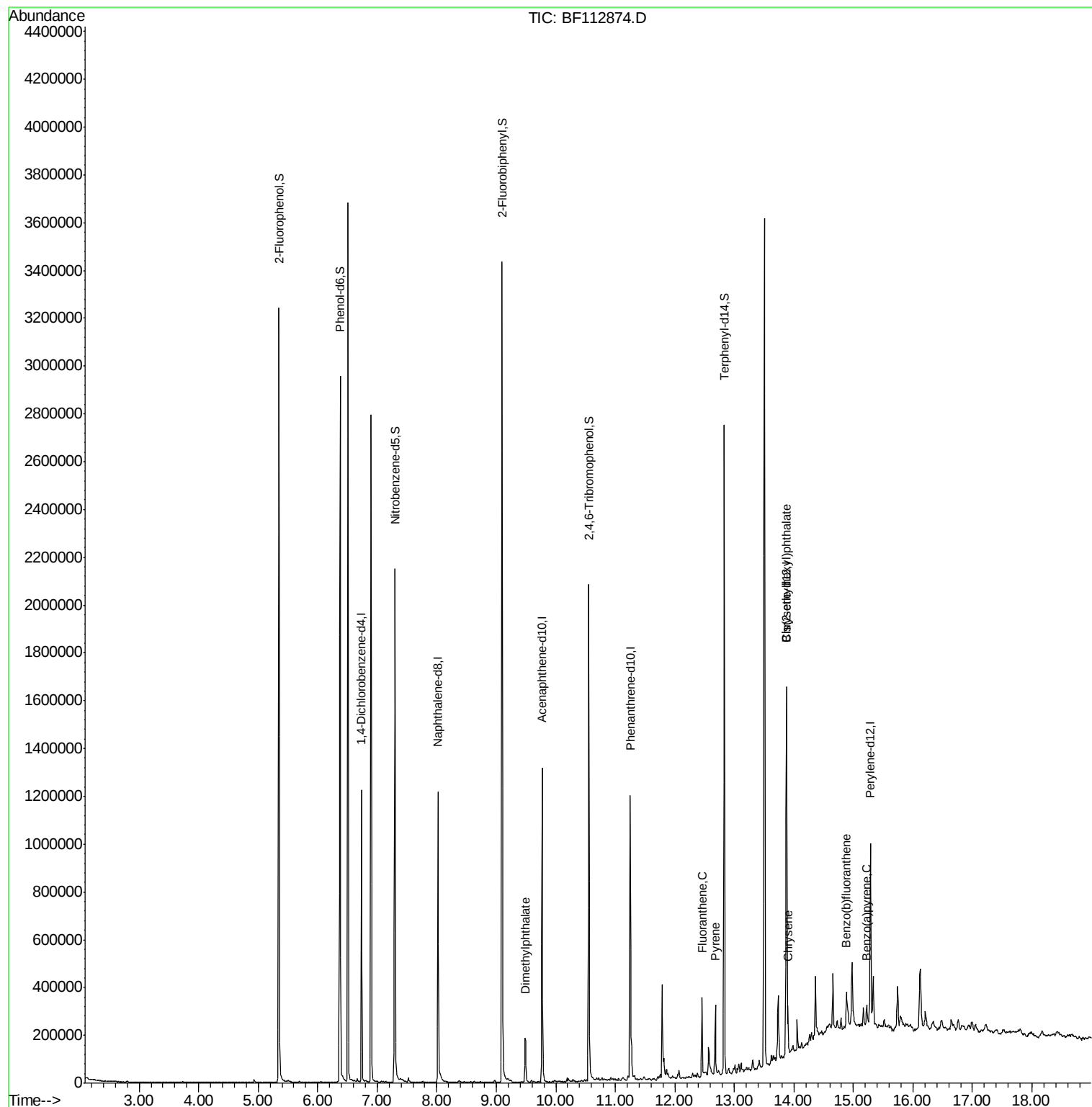
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030519\
Data File : BF112874.D
Acq On : 6 Mar 2019 1:32
Operator : JU/SJ
Sample : K1705-04
Misc :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 01 15:40:43 2019
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#1

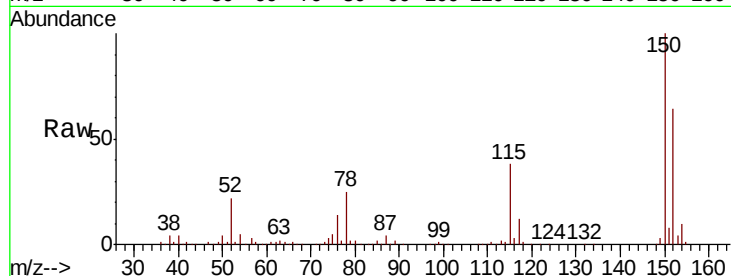
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.74 min Scan# 791
Delta R.T. 0.00 min
Lab File: BF112874.D
Acq: 6 Mar 2019 1:32

Instrument :
BNA_F
ClientSampleId :
EXT-028-SW005-022719

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.8	124.2	186.2
115	59.0	48.2	72.4

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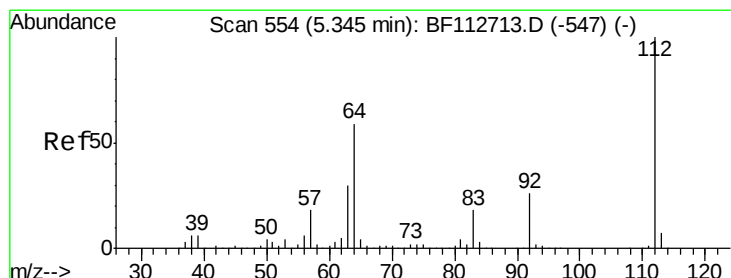
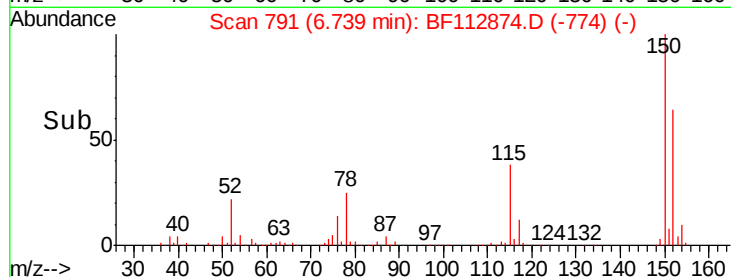
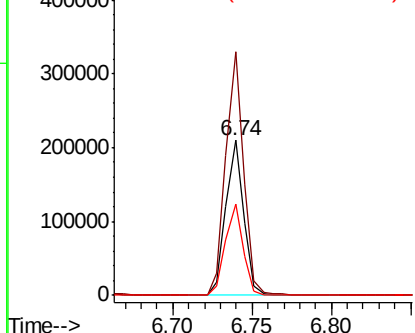


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

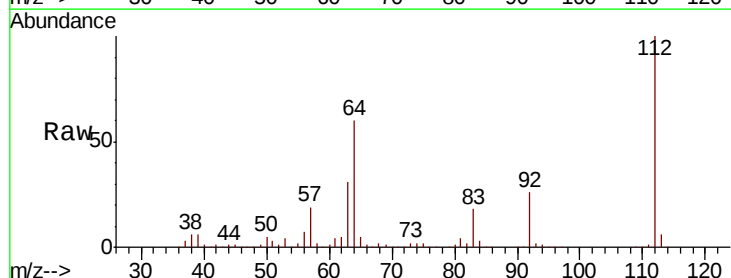
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 84.635 ng
RT: 5.35 min Scan# 555
Delta R.T. 0.01 min
Lab File: BF112874.D
Acq: 6 Mar 2019 1:32

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.9	47.6	71.4
63	31.2	24.4	36.6

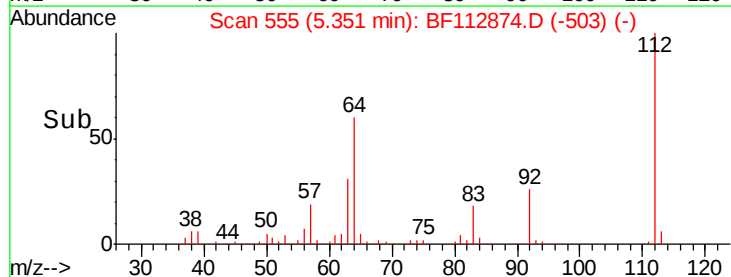
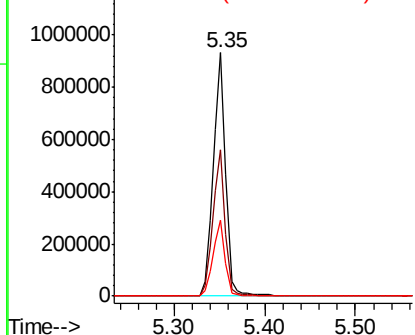


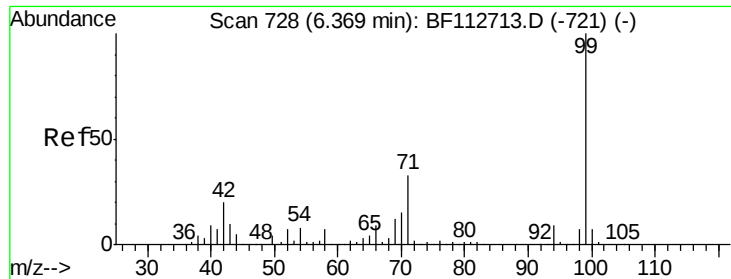
Abundance

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: 89.125 ng

RT: 6.38 min Scan# 730

Delta R.T. 0.01 min

Lab File: BF112874.D

Acq: 6 Mar 2019 1:32

Instrument :

BNA_F

ClientSampleId :

EXT-028-SW005-022719

Tot Ion: 99 Resp: 1186379

Ion Ratio Lower Upper

99 100

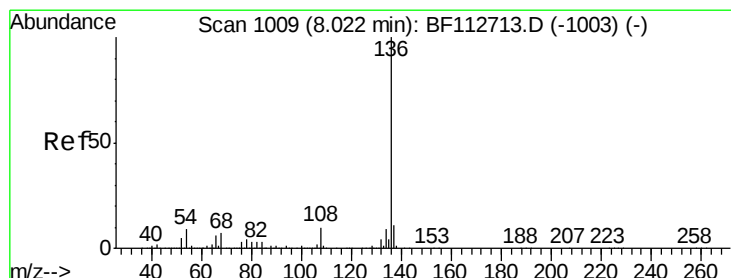
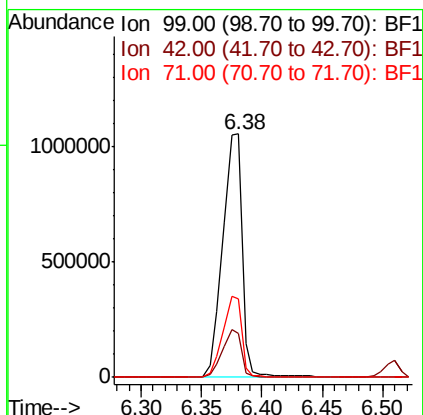
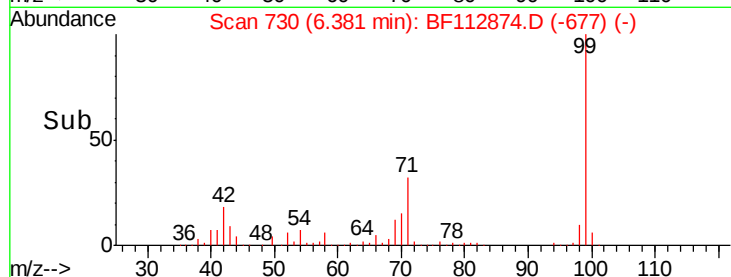
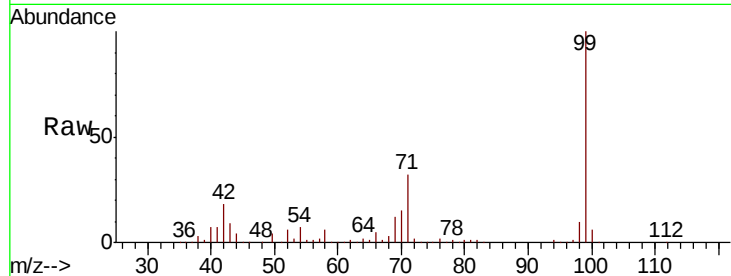
42 18.2 16.3 24.5

71 32.0 26.2 39.4

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#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.02 min Scan# 1009

Delta R.T. 0.00 min

Lab File: BF112874.D

Acq: 6 Mar 2019 1:32

Tgt Ion: 136 Resp: 623620

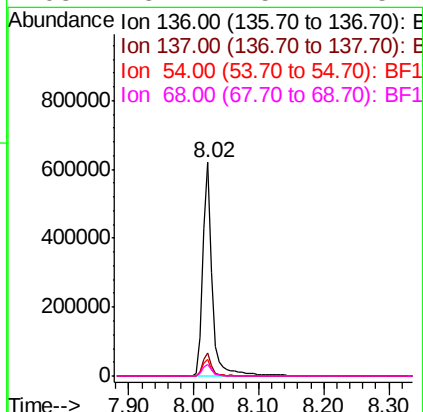
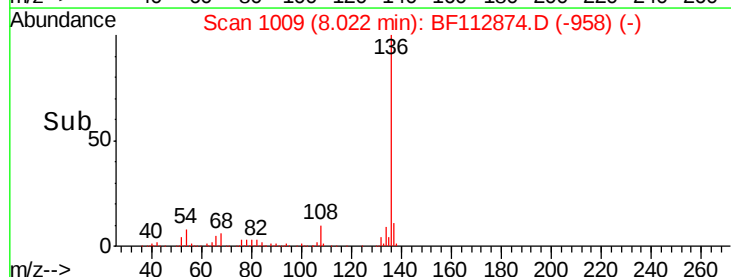
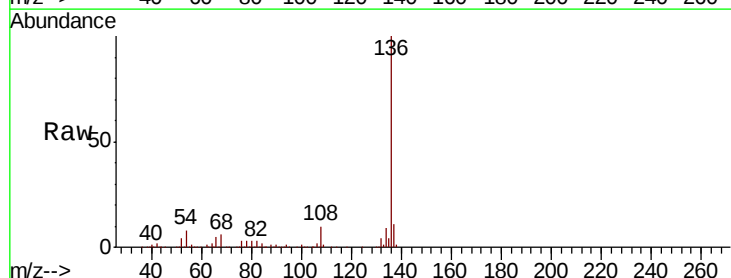
Ion Ratio Lower Upper

136 100

137 10.8 8.9 13.3

54 7.7 7.3 10.9

68 5.7 5.4 8.2





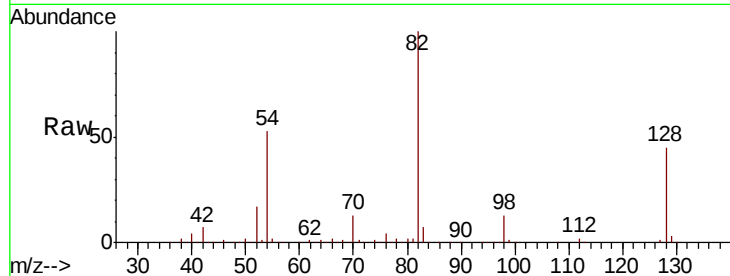
#23
Nitrobenzene-d5
Concen: 67.870 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.01 min
Lab File: BF112874.D
Acq: 6 Mar 2019 1:32

Instrument :
BNA_F
ClientSampleId :
EXT-028-SW005-022719

Tot Ion	Ratio	Lower	Upper
82	100		
128	45.5	36.3	54.5
54	53.1	43.7	65.5

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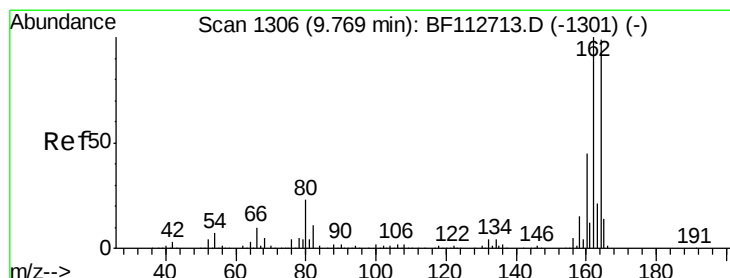
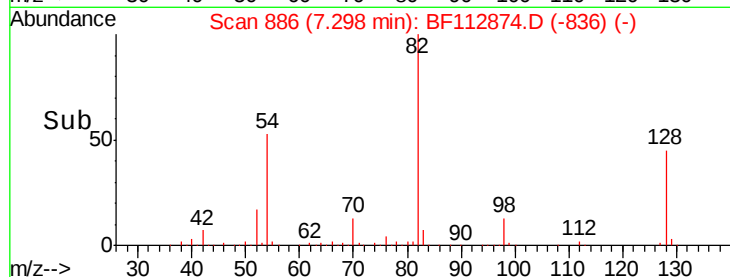
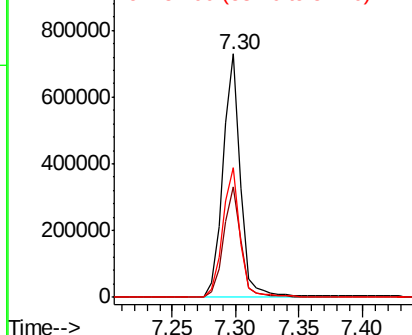


Abundance

Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.77 min Scan# 1306
Delta R.T. 0.00 min
Lab File: BF112874.D
Acq: 6 Mar 2019 1:32

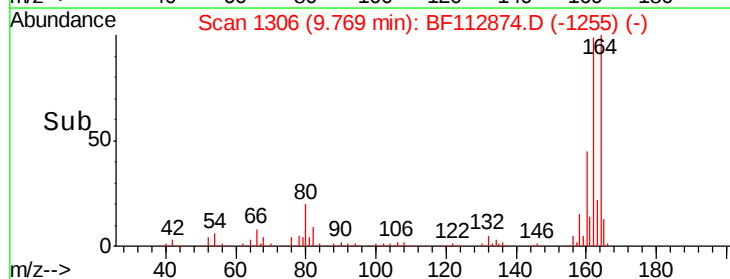
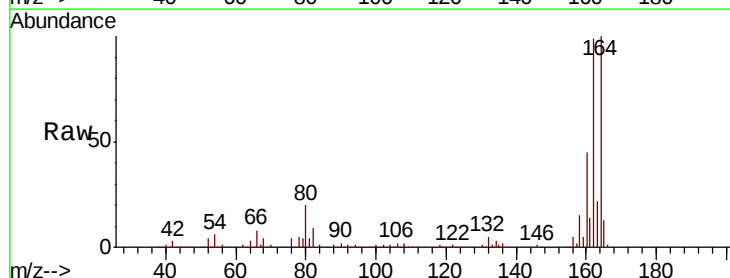
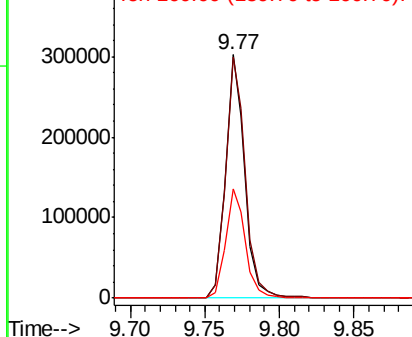
Tgt Ion	Ratio	Lower	Upper
164	100		
162	99.0	80.6	120.8
160	45.1	36.0	54.0

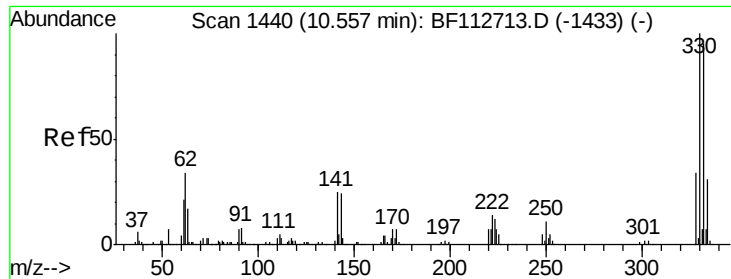
Abundance

Ion 164.00 (163.70 to 164.70): BF1

Ion 162.00 (161.70 to 162.70): BF1

Ion 160.00 (159.70 to 160.70): BF1





#42

2,4,6-Tribromophenol

Concen: 102.744 ng

RT: 10.56 min Scan# 1440

Delta R.T. 0.00 min

Lab File: BF112874.D

Acq: 6 Mar 2019 1:32

Instrument :

BNA_F

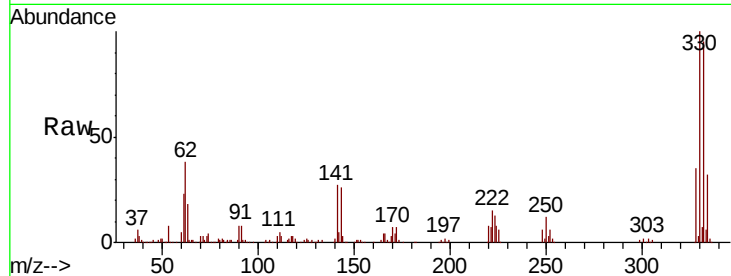
ClientSampleId :

EXT-028-SW005-022719

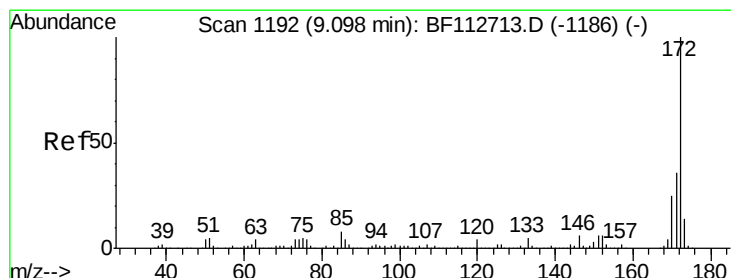
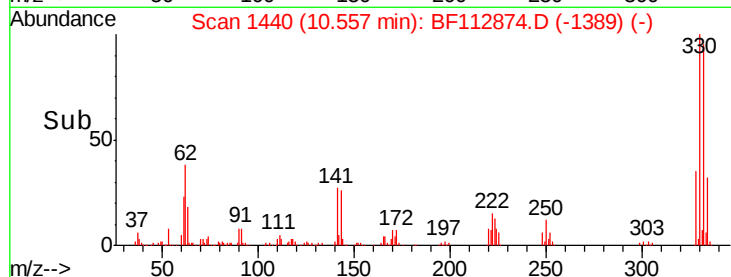
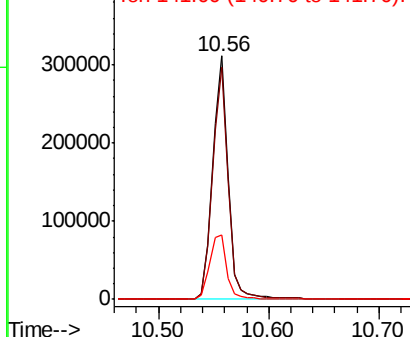
Tot Ion:	330	Resp:	300573
Ion Ratio	Lower	Upper	
330	100		
332	96.3	76.2	114.4
141	28.9	27.0	40.6

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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: 62.530 ng

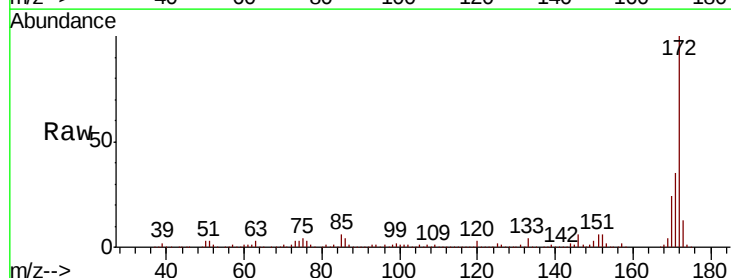
RT: 9.10 min Scan# 1192

Delta R.T. 0.00 min

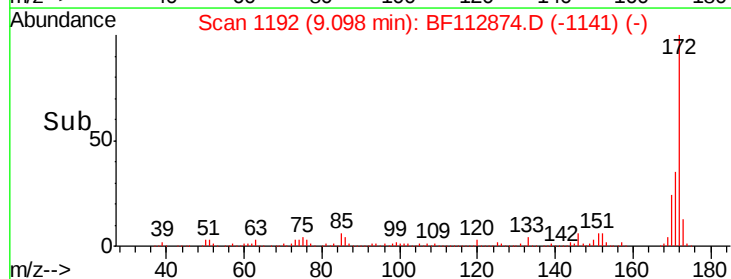
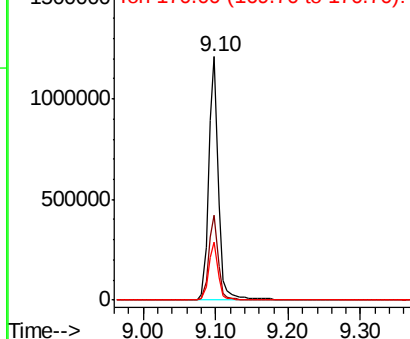
Lab File: BF112874.D

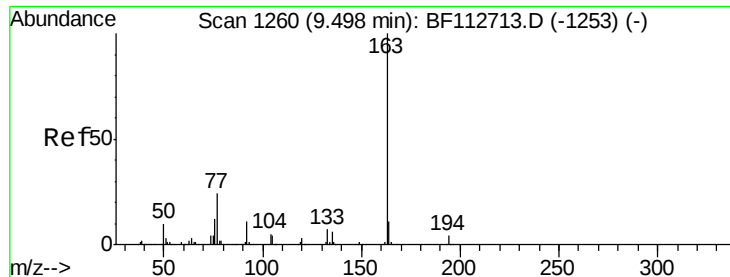
Acq: 6 Mar 2019 1:32

Tgt Ion:	172	Resp:	1115082
Ion Ratio	Lower	Upper	
172	100		
171	35.0	29.0	43.4
170	23.9	20.0	30.0



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





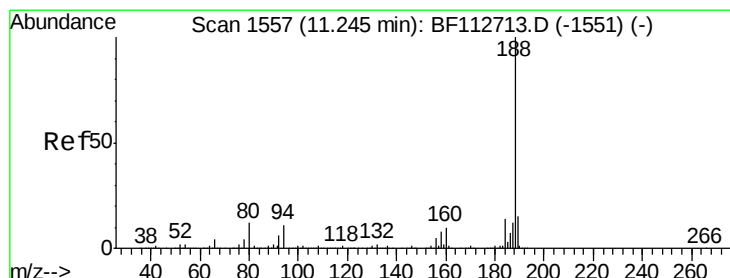
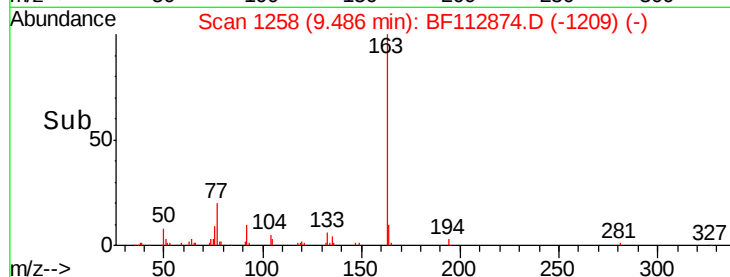
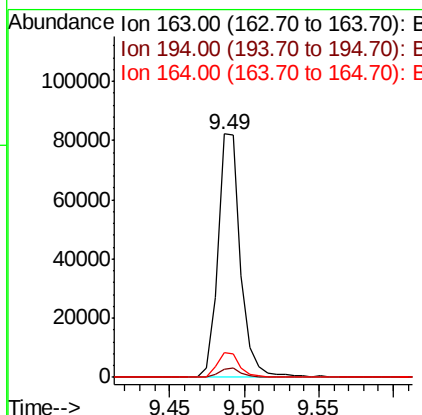
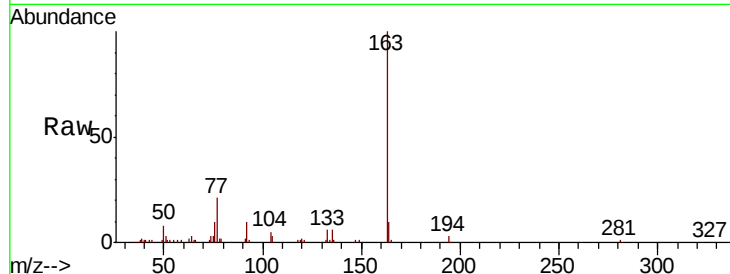
#50
Dimethylphthalate
Concen: 4.297 ng
RT: 9.49 min Scan# 1258
Delta R.T. -0.01 min
Lab File: BF112874.D
Acq: 6 Mar 2019 1:32

Instrument :
BNA_F
ClientSampleId :
EXT-028-SW005-022719

Tot Ion	Ratio	Resp	Lower	Upper
163	100	87313		
194	3.3		3.0	4.4
164	10.2		8.4	12.6

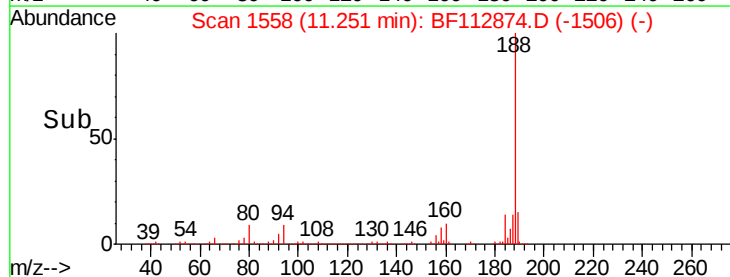
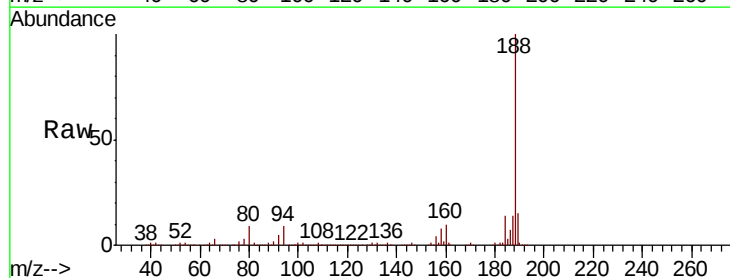
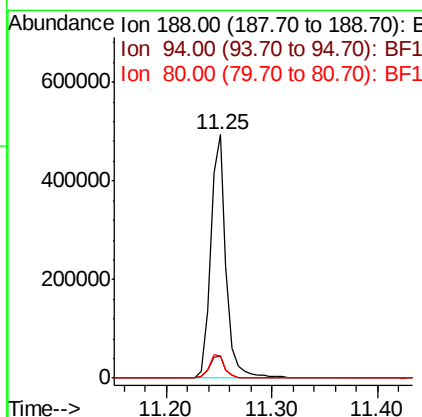
Manual Integrations
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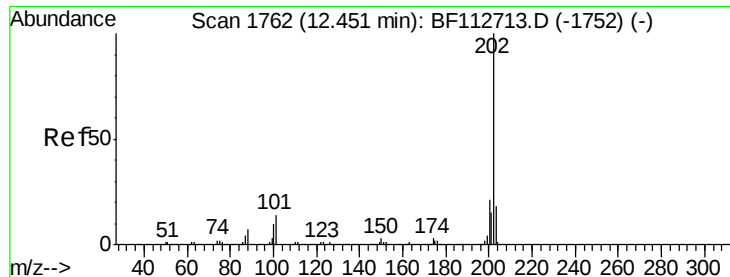
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1558
Delta R.T. 0.01 min
Lab File: BF112874.D
Acq: 6 Mar 2019 1:32

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	502585		
94	9.3		9.0	13.4
80	9.3		9.2	13.8





#75

Fluoranthene

Concen: 5.081 ng

RT: 12.46 min Scan# 1763

Delta R.T. 0.01 min

Lab File: BF112874.D

Acq: 6 Mar 2019 1:32

Instrument :

BNA_F

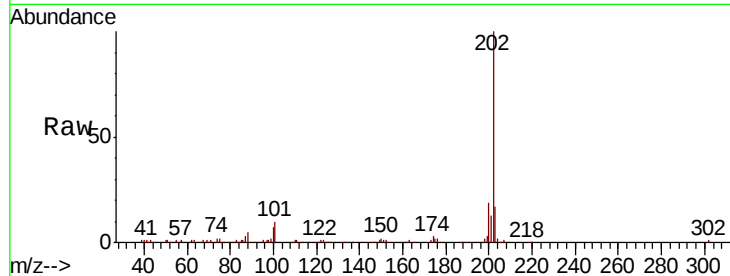
ClientSampleId :

EXT-028-SW005-022719

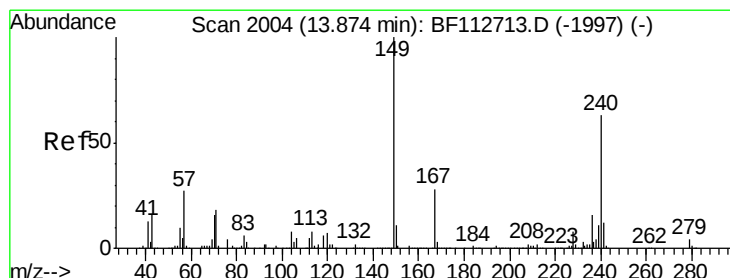
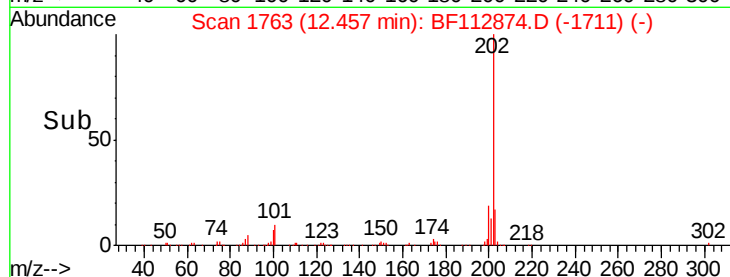
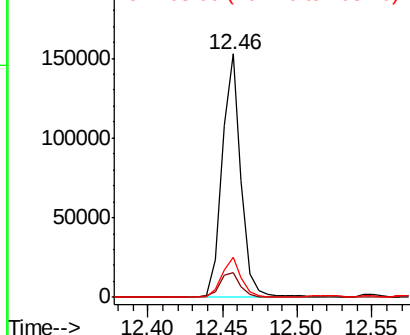
Tot Ion:	202	Resp:	136129
Ion Ratio	Lower	Upper	
202	100		
101	10.2	0.0	33.8
203	16.7	0.0	38.4

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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

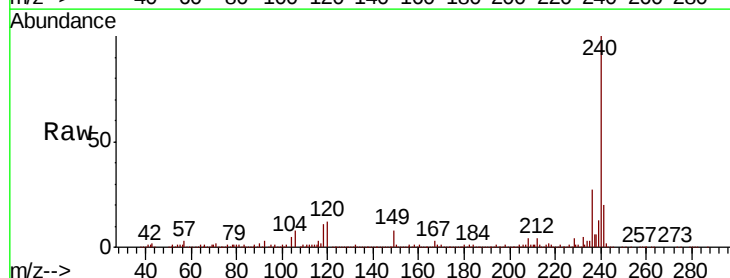
RT: 13.87 min Scan# 2004

Delta R.T. 0.00 min

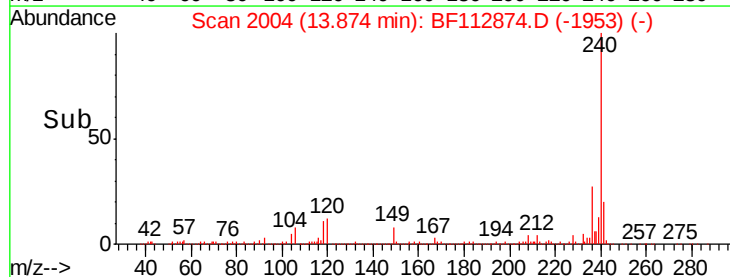
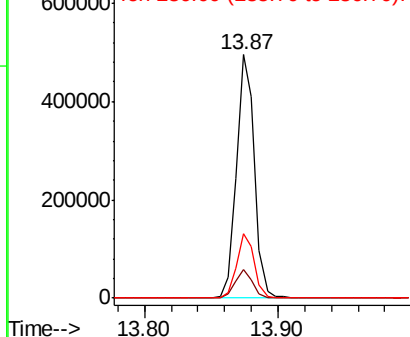
Lab File: BF112874.D

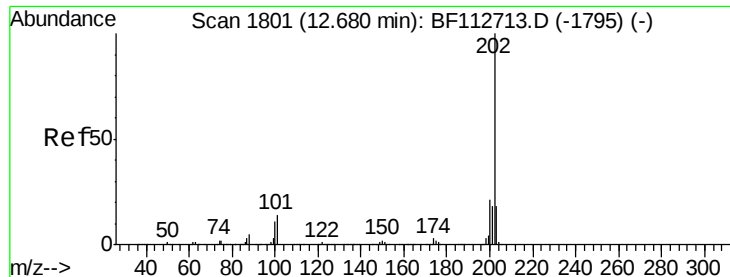
Acq: 6 Mar 2019 1:32

Tgt Ion:	240	Resp:	465058
Ion Ratio	Lower	Upper	
240	100		
120	12.0	8.9	13.3
236	26.7	20.7	31.1



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#78

Pvrene

Concen: 2.931 ng

RT: 12.68 min Scan# 1801

Delta R.T. 0.00 min

Lab File: BF112874.D

Acq: 6 Mar 2019 1:32

Instrument :

BNA_F

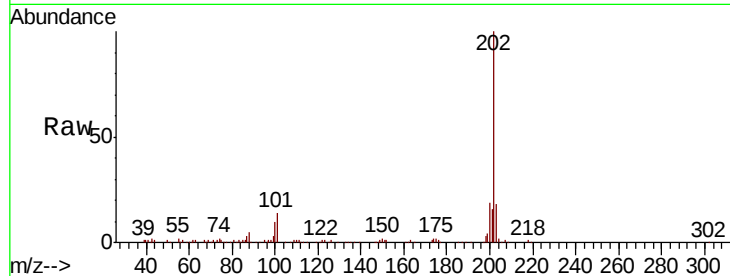
ClientSampleId :

EXT-028-SW005-022719

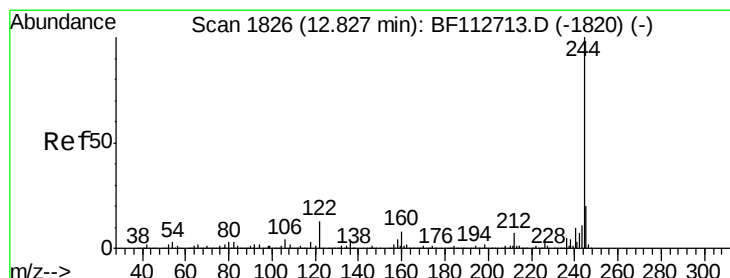
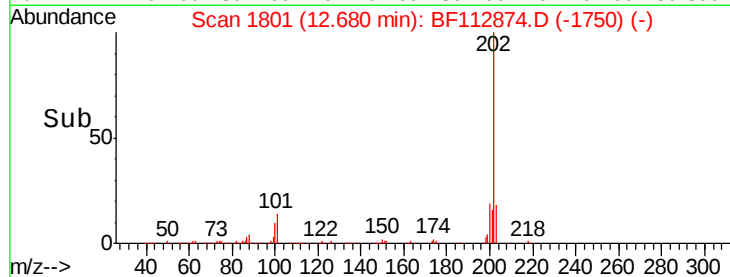
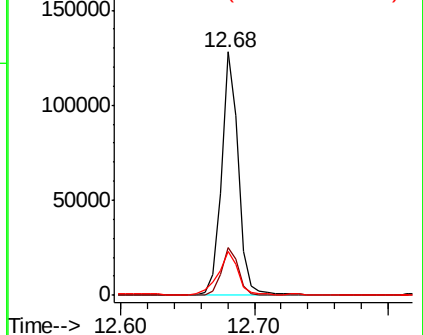
Tot Ion:	202	Resp:	114917
Ion Ratio		Lower	Upper
202	100		
200	19.4	17.0	25.4
203	17.9	14.4	21.6

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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: 42.251 ng

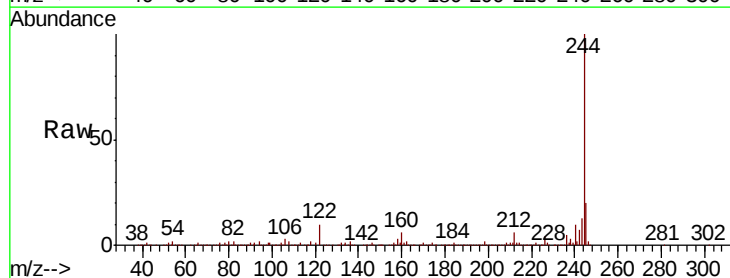
RT: 12.83 min Scan# 1827

Delta R.T. 0.01 min

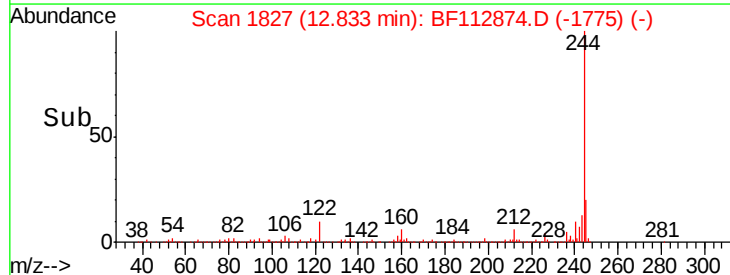
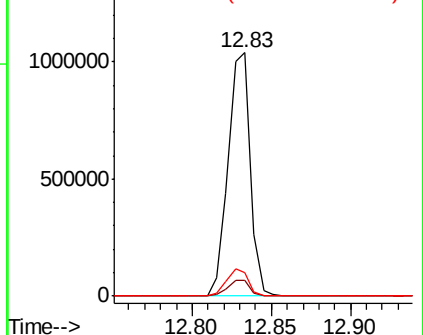
Lab File: BF112874.D

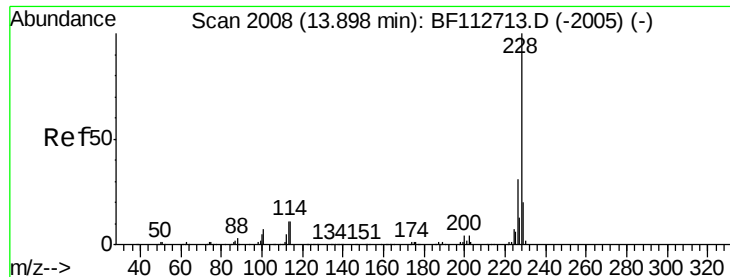
Acq: 6 Mar 2019 1:32

Tgt Ion:	244	Resp:	1013626
Ion Ratio		Lower	Upper
244	100		
212	6.4	5.6	8.4
122	9.6	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





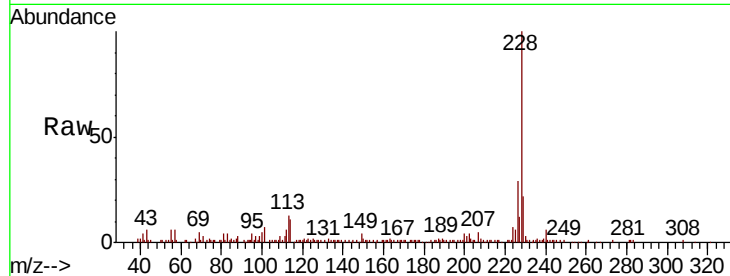
#83
Chrysene
Concen: 2.360 ng
RT: 13.90 min Scan# 2008
Delta R.T. 0.00 min
Lab File: BF112874.D
Acq: 6 Mar 2019 1:32

Instrument :
BNA_F
ClientSampleId :
EXT-028-SW005-022719

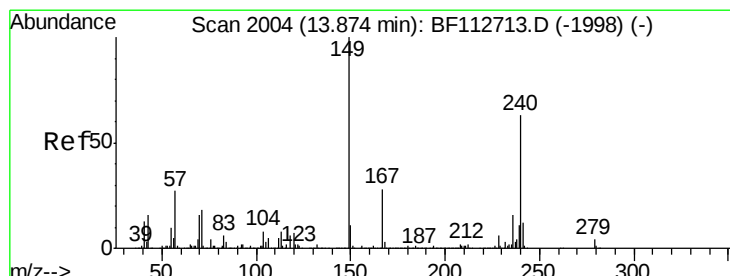
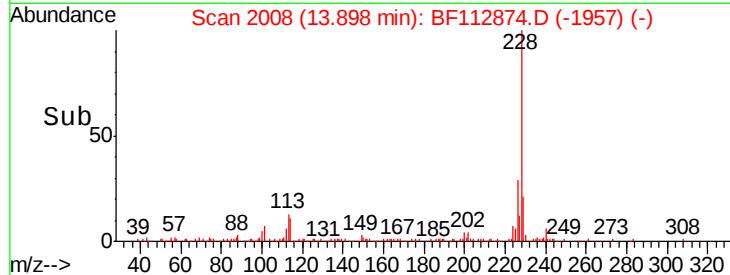
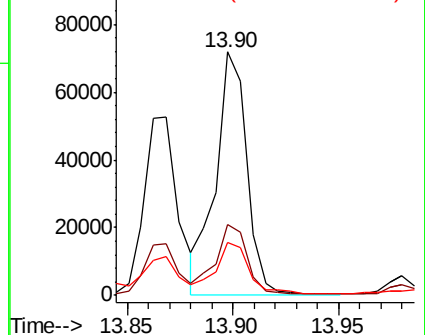
Tot Ion:	228	Resp:	74494
Ion Ratio	Lower	Upper	
228	100		
226	29.2	24.9	37.3
229	21.6	16.3	24.5

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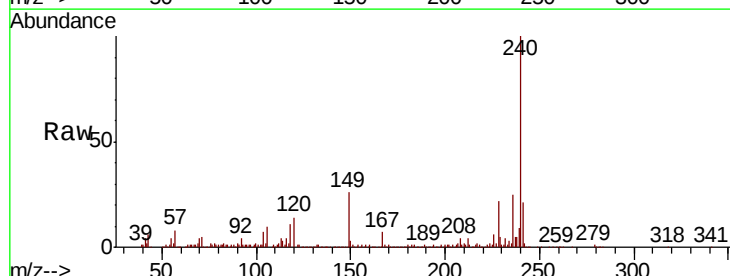


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

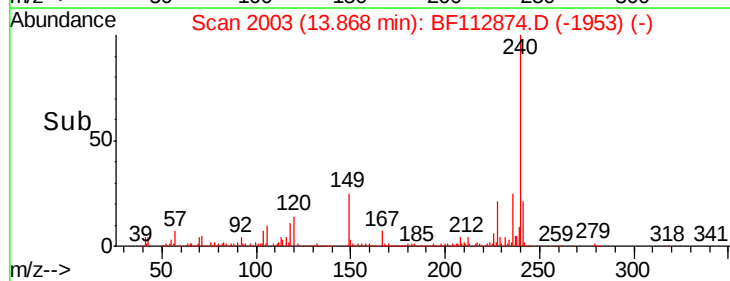
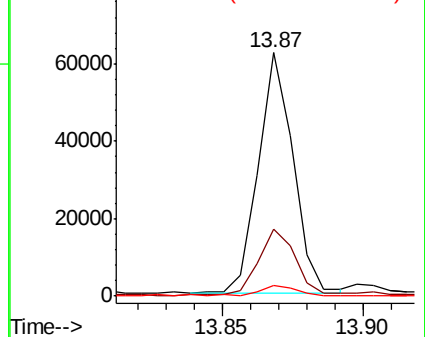


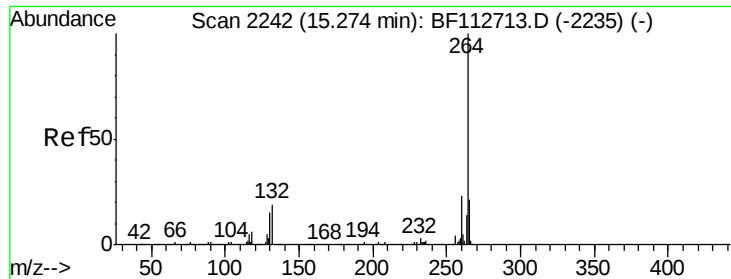
#84
Bis(2-ethylhexyl)phthalate
Concen: 2.614 ng
RT: 13.87 min Scan# 2003
Delta R.T. -0.01 min
Lab File: BF112874.D
Acq: 6 Mar 2019 1:32

Tgt Ion:	149	Resp:	53056
Ion Ratio	Lower	Upper	
149	100		
167	27.5	22.4	33.6
279	4.5	3.3	4.9



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





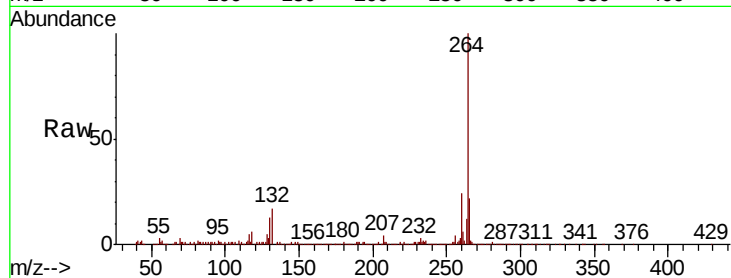
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.29 min Scan# 2244
Delta R.T. 0.01 min
Lab File: BF112874.D
Acq: 6 Mar 2019 1:32

Instrument :
BNA_F
ClientSampleId :
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Tot Ion	Ratio	Resp	Lower	Upper
264	100			
260	23.6	18.7	28.1	
265	21.5	17.2	25.8	

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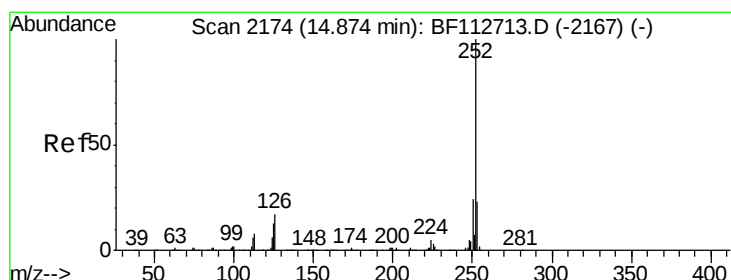
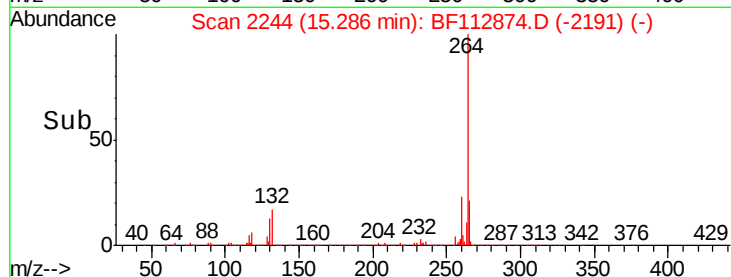
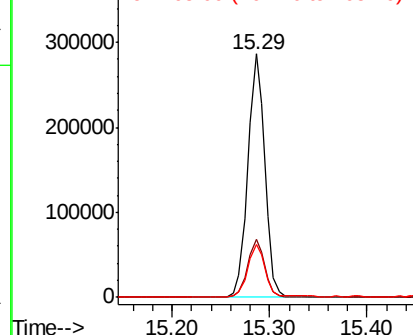


Abundance

Ion 264.00 (263.70 to 264.70): E

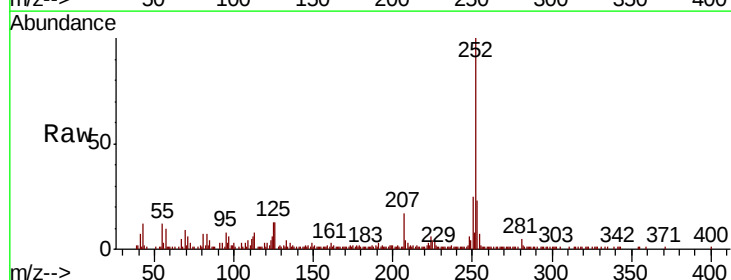
Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88
Benzo(b)fluoranthene
Concen: 3.672 ng m
RT: 14.89 min Scan# 2176
Delta R.T. 0.01 min
Lab File: BF112874.D
Acq: 6 Mar 2019 1:32

Tgt Ion	Ratio	Resp	Lower	Upper
252	100			
253	22.7	18.0	27.0	
125	13.0	10.2	15.2	

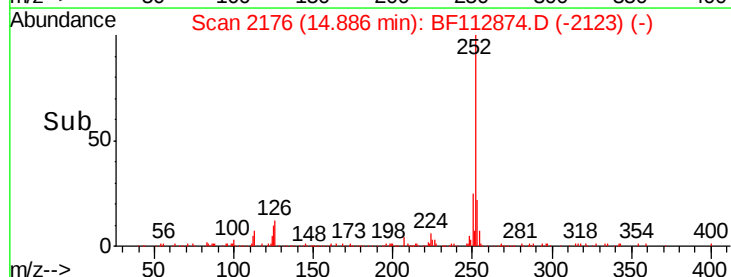
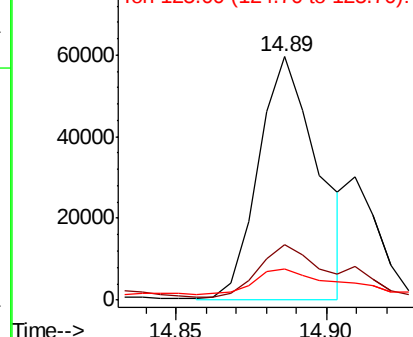


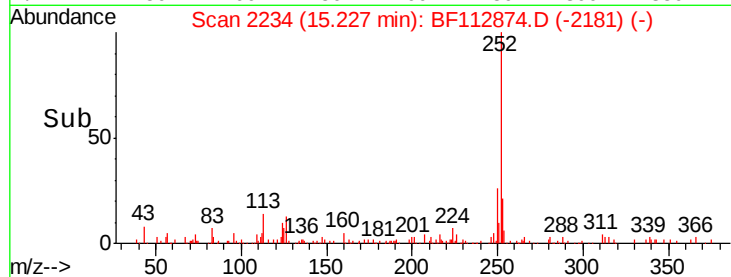
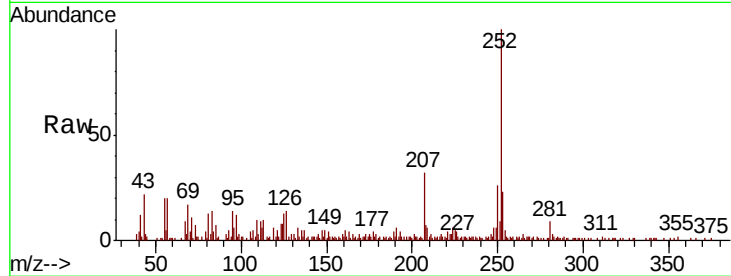
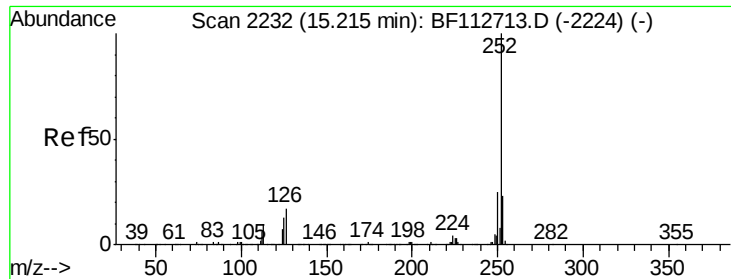
Abundance

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: 2.197 ng

RT: 15.23 min Scan# 2234

Delta R.T. 0.01 min

Lab File: BF112874.D

Acq: 6 Mar 2019 1:32

Tot Ion:	252	Resp:	43557
Ion Ratio	Lower	Upper	
252	100		
253	23.2	18.0	27.0
125	13.2	10.7	16.1

Instrument :

BNA_F

ClientSampleId :

EXT-028-SW005-022719

Manual Integrations
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