

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030519\
 Data File : BF112879.D
 Acq On : 6 Mar 2019 3:52
 Operator : JU/SJ
 Sample : K1705-18
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PST-028-B004-022719

Manual Integrations
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 3/6/2019 12:24:57 PM

Quant Time: Mar 06 04:49:10 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	149398	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	520928	20.00	ng	0.00
39) Acenaphthene-d10	9.77	164	221709	20.00	ng	0.00
64) Phenanthrene-d10	11.25	188	420290	20.00	ng	0.00
76) Chrysene-d12	13.87	240	436399	20.00	ng	0.00
87) Perylene-d12	15.29	264	288404	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	1095063	114.02	ng	0.01
7) Phenol-d6	6.38	99	1368684	113.45	ng	0.01
23) Nitrobenzene-d5	7.30	82	829572	95.29	ng	0.00
42) 2,4,6-Tribromophenol	10.56	330	329624	140.04	ng	0.00
45) 2-Fluorobiphenyl	9.10	172	1207012	92.28	ng	0.00
79) Terphenyl-d14	12.83	244	1205781	53.56	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.49	163	92733	5.673	ng	100
71) Phenanthrene	11.27	178	56740	2.713	ng	95
75) Fluoranthene	12.46	202	95463	4.261	ng	94
78) Pyrene	12.68	202	95353	2.592	ng	99
88) Benzo(b)fluoranthene	14.89	252	41969m	2.250	ng	

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

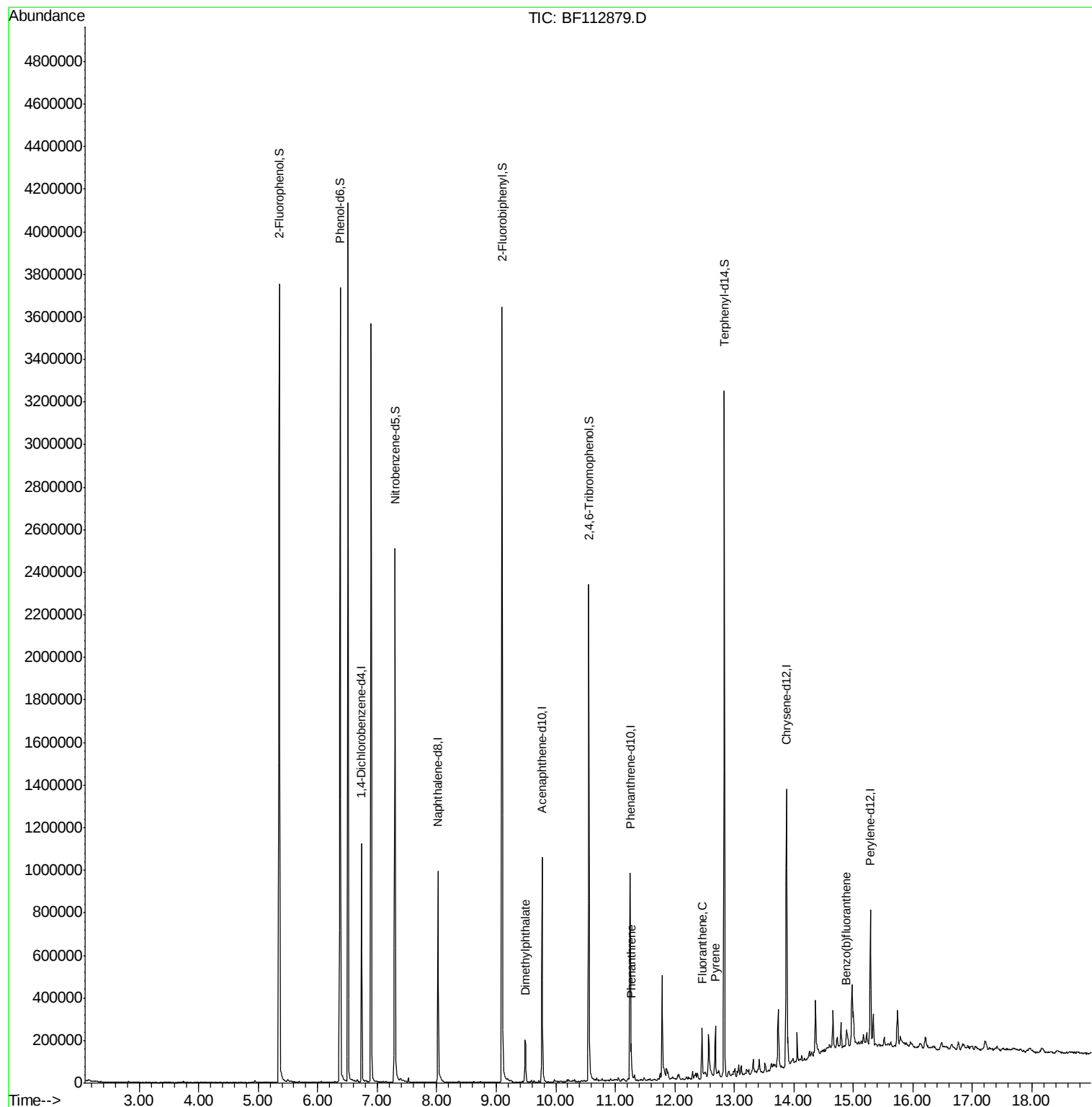
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030519\
Data File : BF112879.D
Acq On : 6 Mar 2019 3:52
Operator : JU/SJ
Sample : K1705-18
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ALS Vial : 24 Sample Multiplier: 1

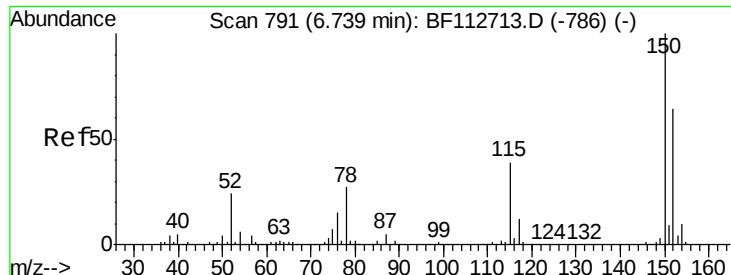
Instrument :
BNA_F
ClientSampleId :
PST-028-B004-022719

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#1

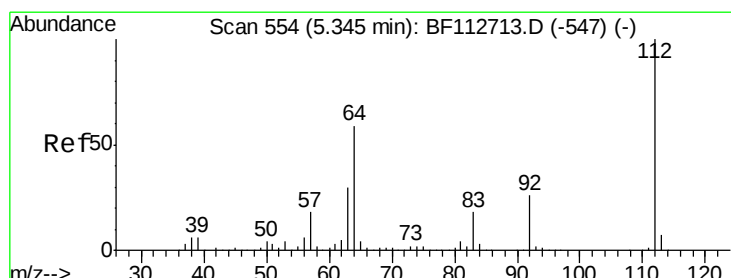
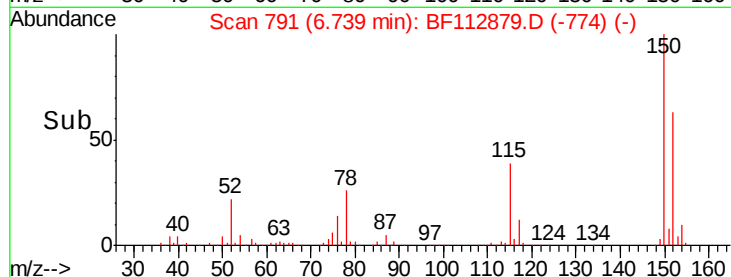
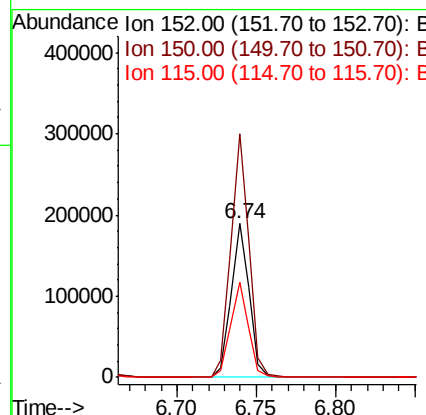
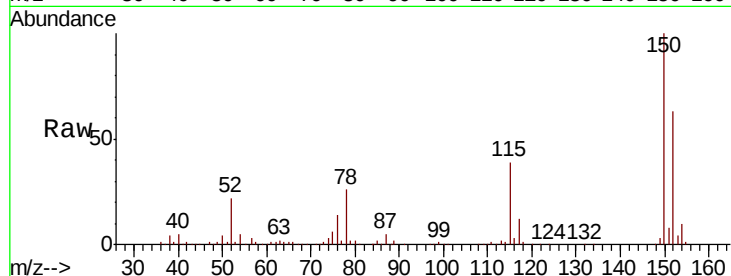
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.74 min Scan# 791
Delta R.T. -0.00 min
Lab File: BF112879.D
Acq: 6 Mar 2019 3:52

Instrument :
BNA_F
ClientSampleId :
PST-028-B004-022719

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.6	124.2	186.2
115	62.0	48.2	72.4

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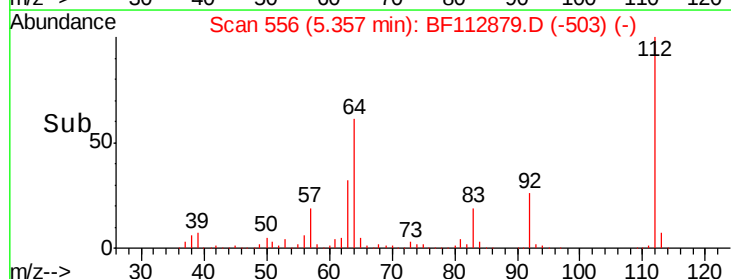
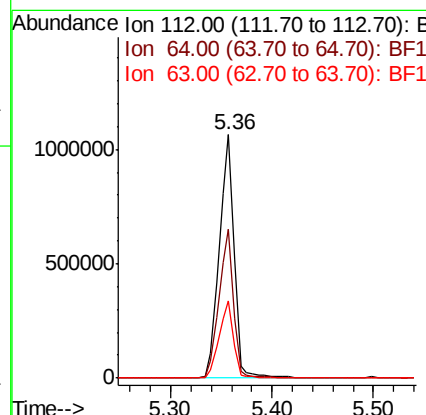
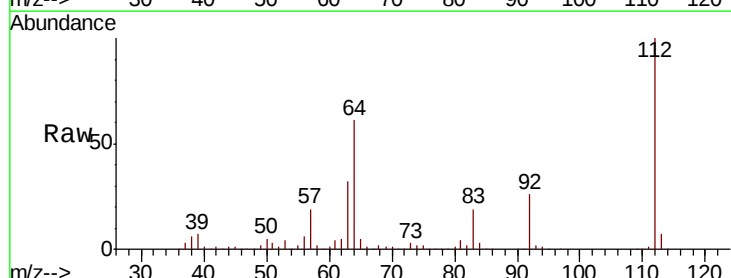
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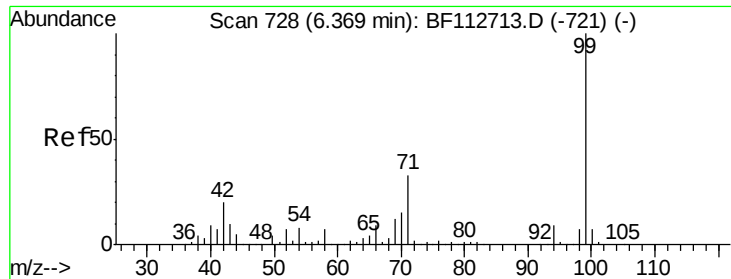


#5

2-Fluorophenol
Concen: 114.019 ng
RT: 5.36 min Scan# 556
Delta R.T. 0.01 min
Lab File: BF112879.D
Acq: 6 Mar 2019 3:52

Tgt Ion	Ratio	Lower	Upper
112	100		
64	61.0	47.6	71.4
63	31.6	24.4	36.6





#7

Phenol-d6

Concen: 113.447 ng

RT: 6.38 min Scan# 730

Delta R.T. 0.01 min

Lab File: BF112879.D

Acq: 6 Mar 2019 3:52

Instrument :

BNA_F

ClientSampleId :

PST-028-B004-022719

Tot Ion: 99 Resp: 1368684

Ion Ratio Lower Upper

99 100

42 19.9 16.3 24.5

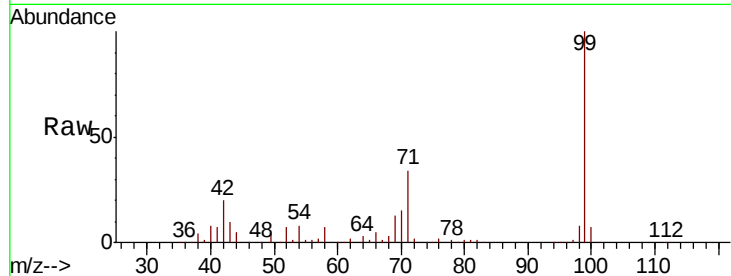
71 34.0 26.2 39.4

Manual Integrations

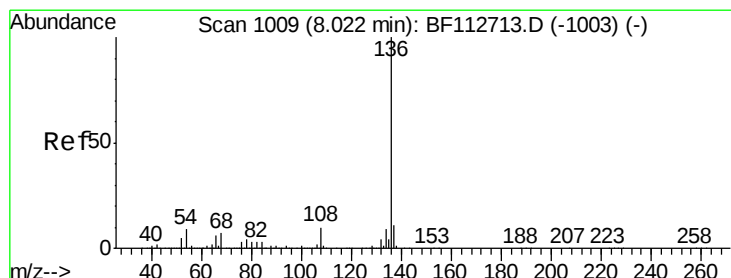
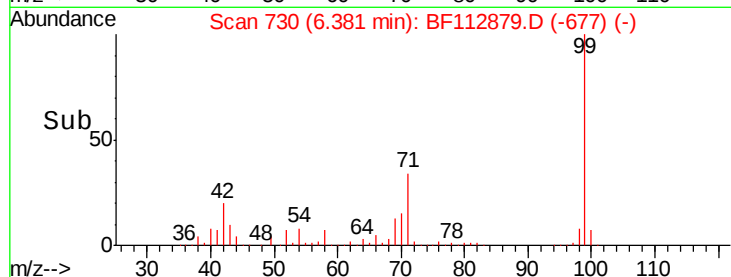
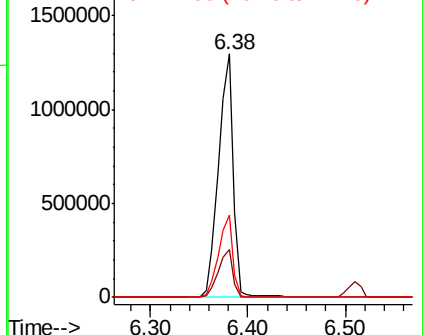
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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.02 min Scan# 1009

Delta R.T. -0.00 min

Lab File: BF112879.D

Acq: 6 Mar 2019 3:52

Tgt Ion: 136 Resp: 520928

Ion Ratio Lower Upper

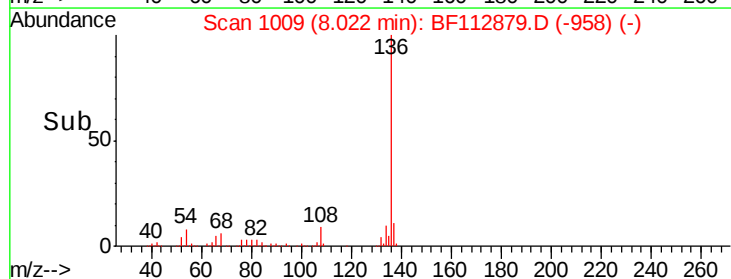
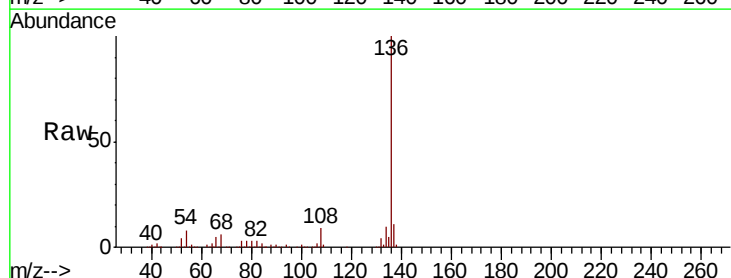
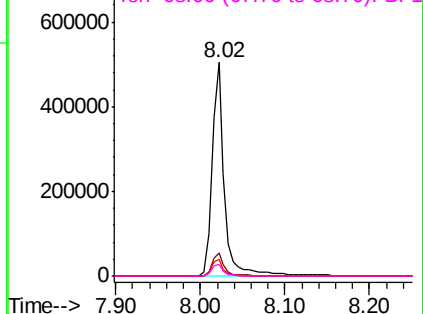
136 100

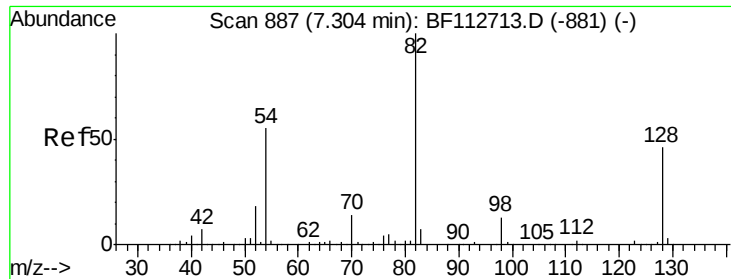
137 10.8 8.9 13.3

54 7.6 7.3 10.9

68 5.6 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





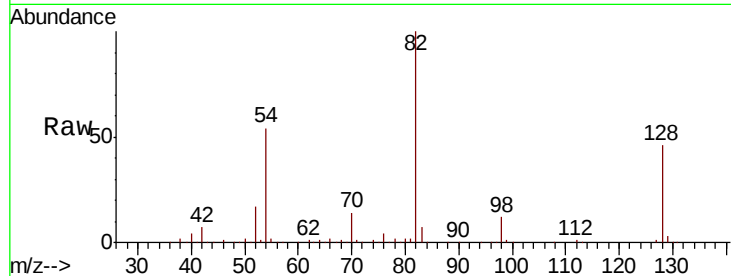
#23
 Nitrobenzene-d5
 Concen: 95.291 ng
 RT: 7.30 min Scan# 886
 Delta R.T. -0.01 min
 Lab File: BF112879.D
 Acq: 6 Mar 2019 3:52

Instrument :
 BNA_F
 ClientSampleId :
 PST-028-B004-022719

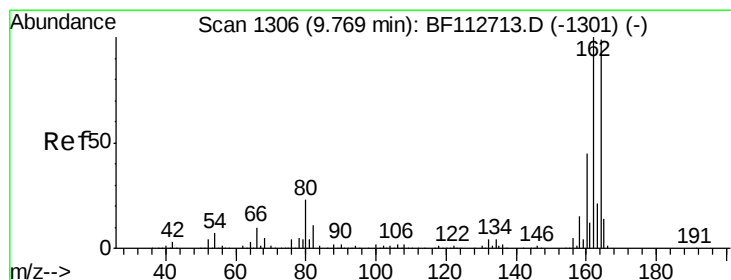
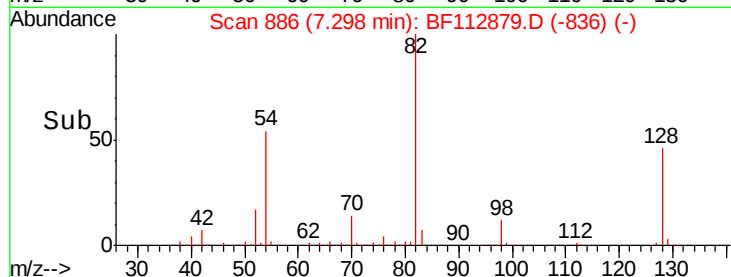
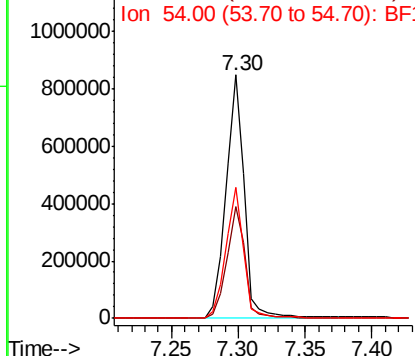
Tot Ion	Ratio	Lower	Upper
82	100		
128	45.8	36.3	54.5
54	53.9	43.7	65.5

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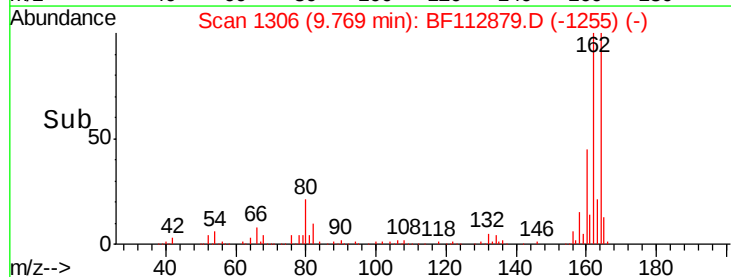
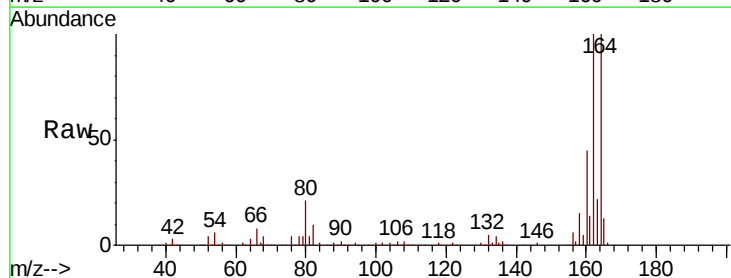
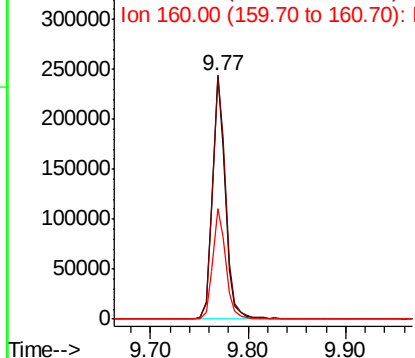
Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF1

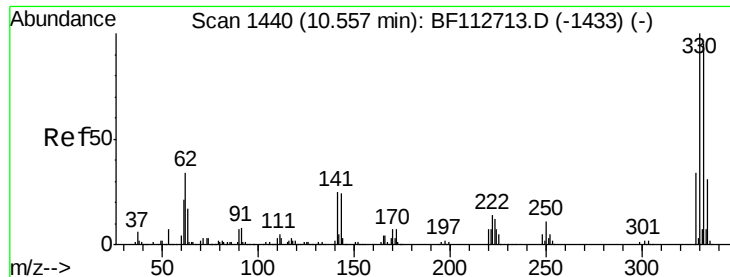


#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.77 min Scan# 1306
 Delta R.T. -0.00 min
 Lab File: BF112879.D
 Acq: 6 Mar 2019 3:52

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.2	80.6	120.8
160	45.5	36.0	54.0

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





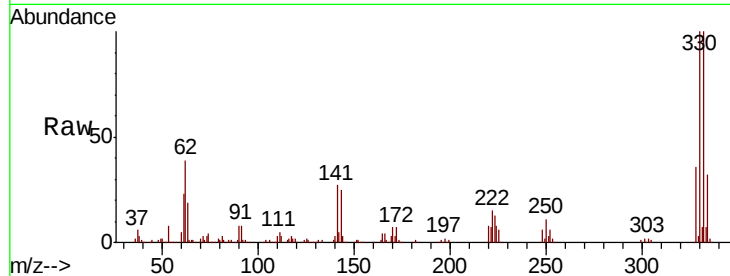
#42
 2,4,6-Tribromophenol
 Concen: 140.044 ng
 RT: 10.56 min Scan# 1440
 Delta R.T. -0.00 min
 Lab File: BF112879.D
 Acq: 6 Mar 2019 3:52

Instrument :
 BNA_F
 ClientSampleId :
 PST-028-B004-022719

Tot Ion	Ratio	Resp	Lower	Upper
330	100	329624		
332	97.9	76.2	114.4	
141	29.8	27.0	40.6	

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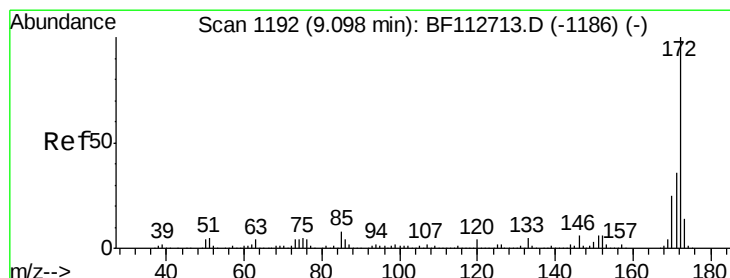
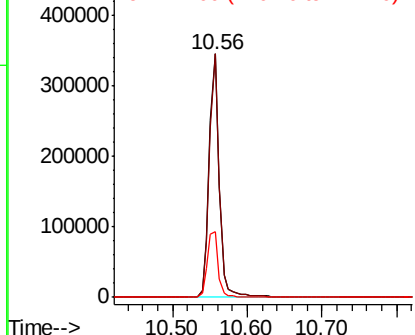
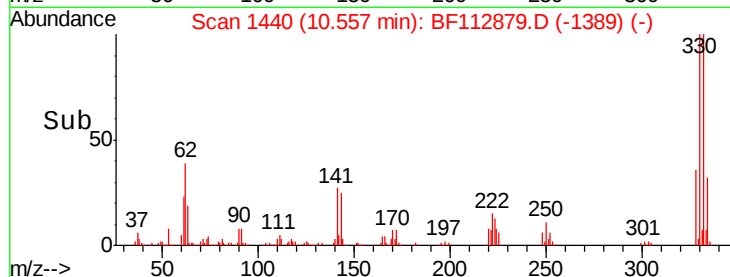


Abundance

Ion 329.80 (329.50 to 330.50): E

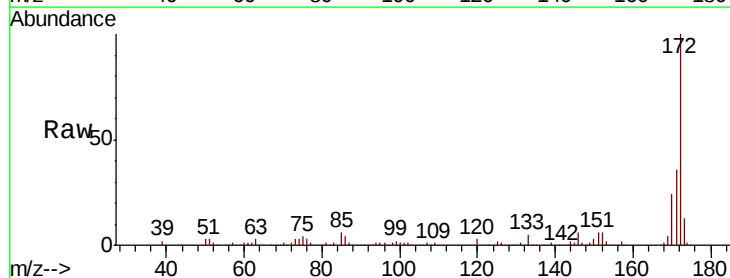
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 92.285 ng
 RT: 9.10 min Scan# 1192
 Delta R.T. 0.00 min
 Lab File: BF112879.D
 Acq: 6 Mar 2019 3:52

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1207012		
171	35.6	29.0	43.4	
170	24.5	20.0	30.0	

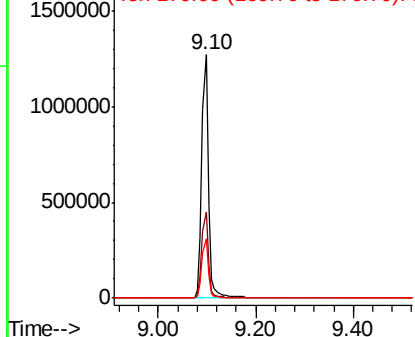
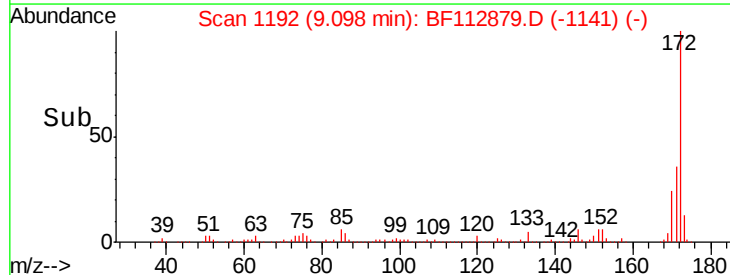


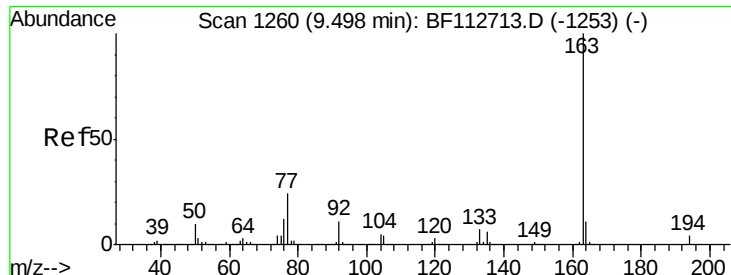
Abundance

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





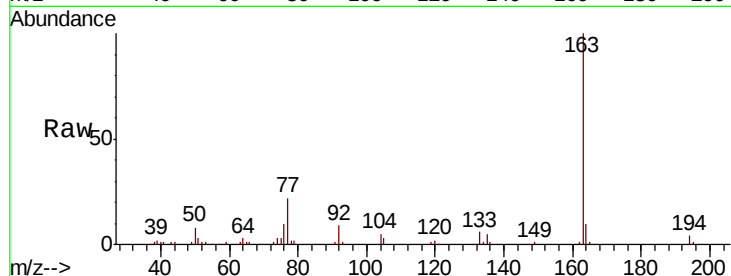
#50
Dimethylphthalate
Concen: 5.673 ng
RT: 9.49 min Scan# 1258
Delta R.T. -0.01 min
Lab File: BF112879.D
Acq: 6 Mar 2019 3:52

Instrument :
BNA_F
ClientSampleId :
PST-028-B004-022719

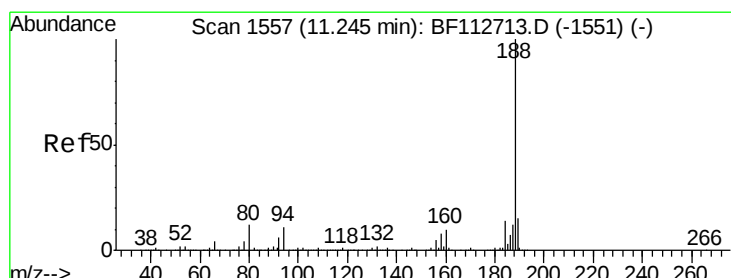
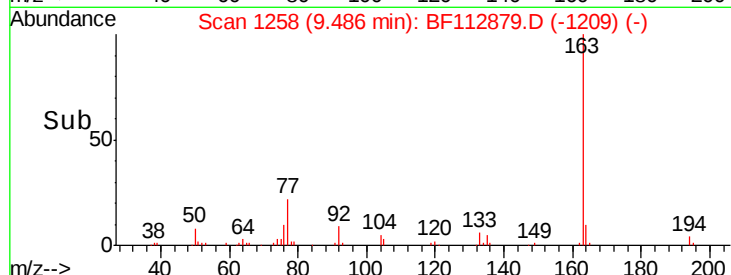
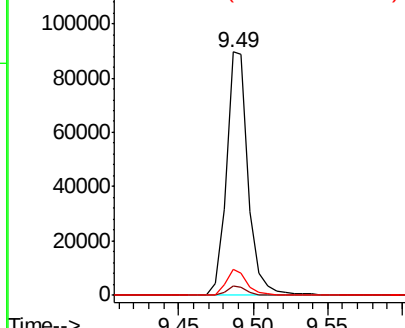
Tot Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.0	4.4
164	10.5	8.4	12.6

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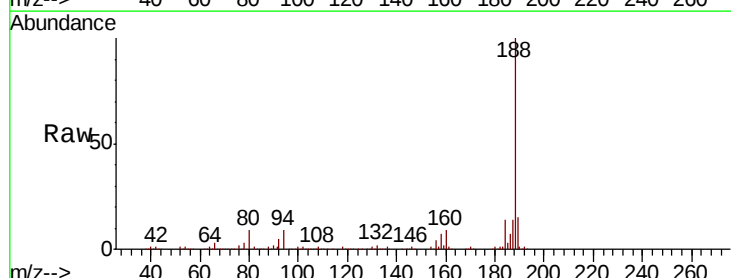


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

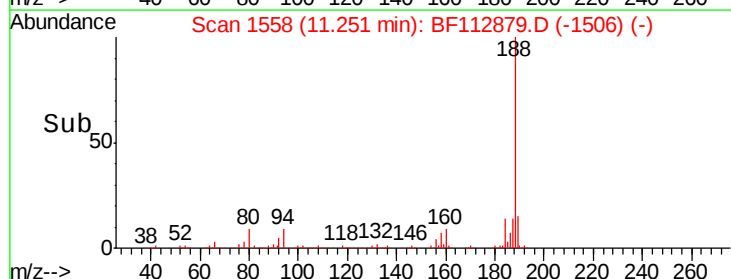
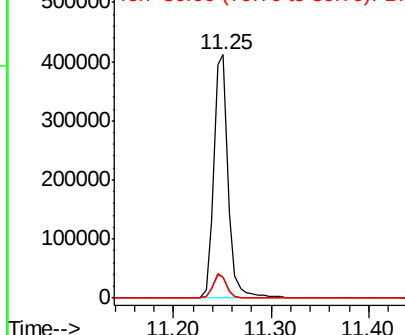


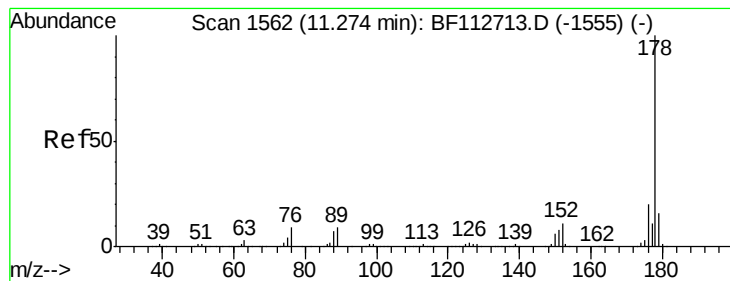
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1558
Delta R.T. 0.01 min
Lab File: BF112879.D
Acq: 6 Mar 2019 3:52

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.6	9.0	13.4#
80	8.8	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: 2.713 ng

RT: 11.27 min Scan# 1561

Delta R.T. -0.01 min

Lab File: BF112879.D

Acq: 6 Mar 2019 3:52

Instrument :

BNA_F

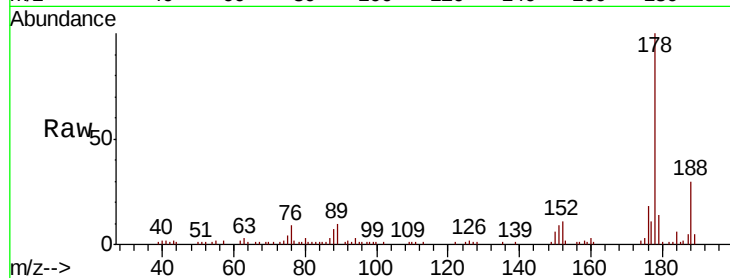
ClientSampleId :

PST-028-B004-022719

Tot Ion:	178	Resp:	56740
Ion Ratio	Lower	Upper	
178	100		
176	17.5	16.3	24.5
179	14.1	12.7	19.1

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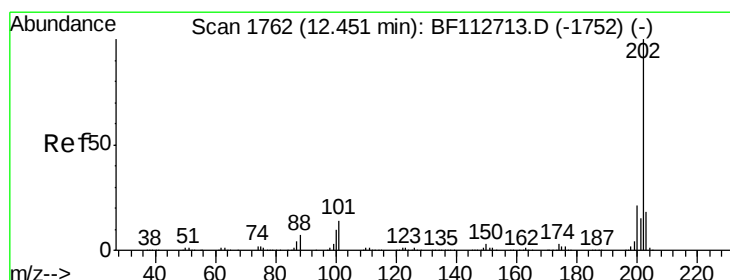
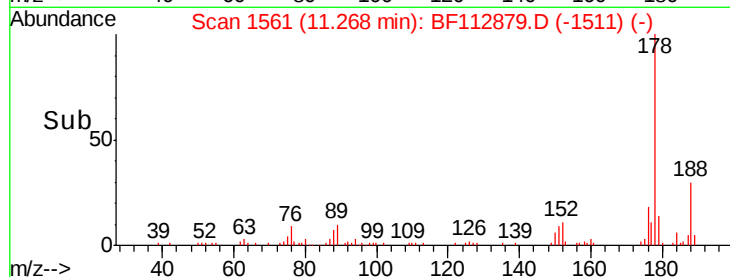
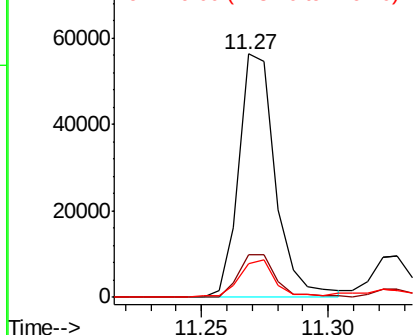


Abundance

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



#75

Fluoranthene

Concen: 4.261 ng

RT: 12.46 min Scan# 1763

Delta R.T. 0.01 min

Lab File: BF112879.D

Acq: 6 Mar 2019 3:52

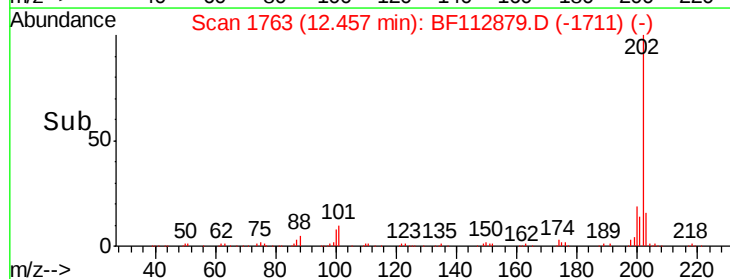
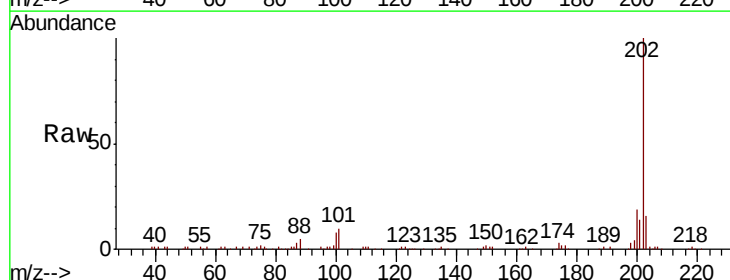
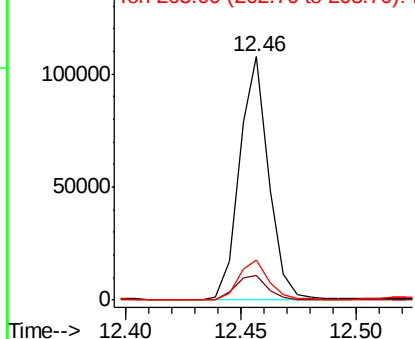
Tgt Ion:	202	Resp:	95463
Ion Ratio	Lower	Upper	
202	100		
101	10.2	0.0	33.8
203	16.4	0.0	38.4

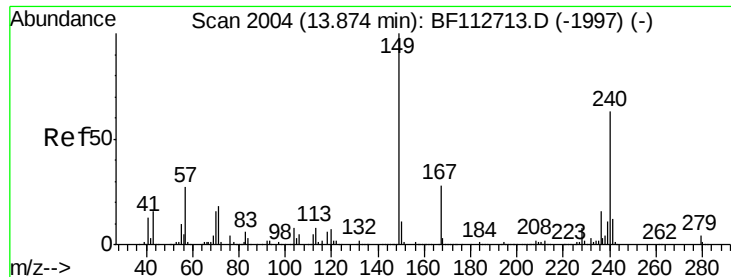
Abundance

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





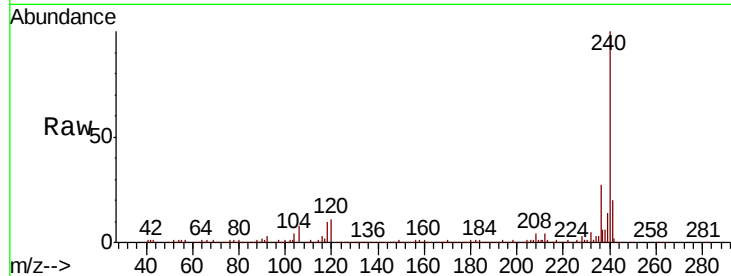
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.87 min Scan# 2004
Delta R.T. -0.00 min
Lab File: BF112879.D
Acq: 6 Mar 2019 3:52

Instrument :
BNA_F
ClientSampleId :
PST-028-B004-022719

Tot Ion	Ratio	Resp	Lower	Upper
240	100	436399		
120	11.2	8.9	13.3	
236	26.6	20.7	31.1	

Manual Integrations
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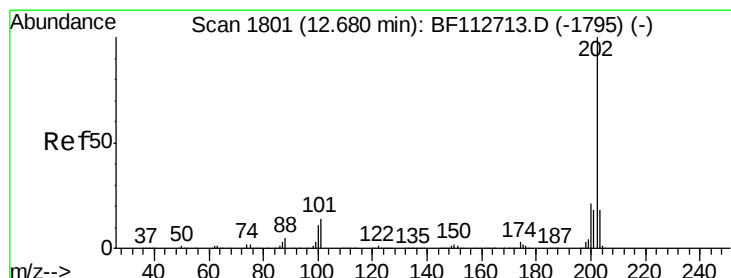
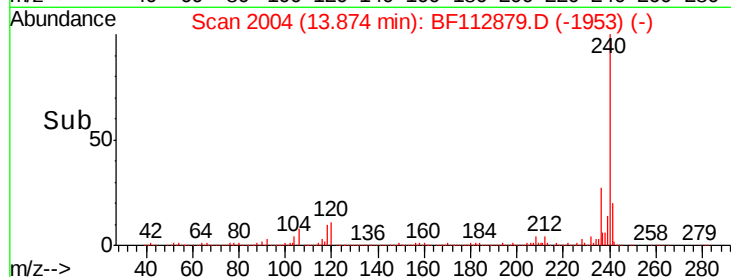
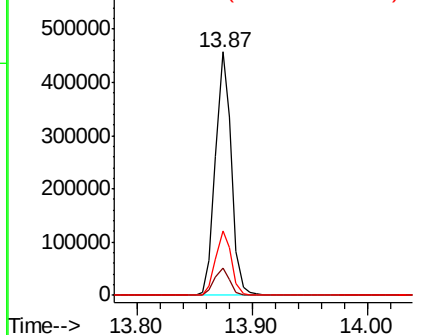


Abundance

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
Pyrene
Concen: 2.592 ng
RT: 12.68 min Scan# 1801
Delta R.T. -0.00 min
Lab File: BF112879.D
Acq: 6 Mar 2019 3:52

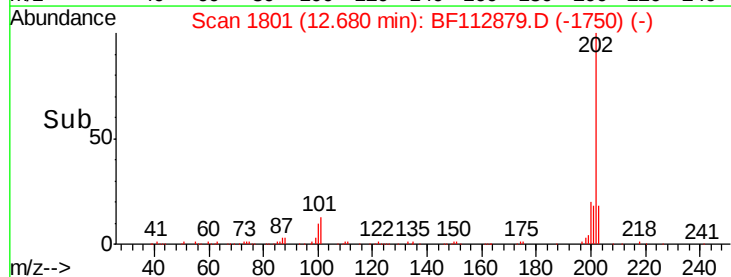
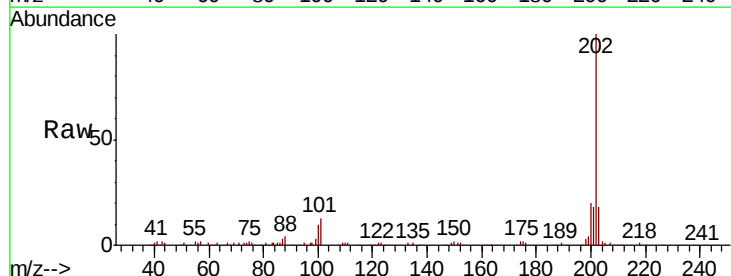
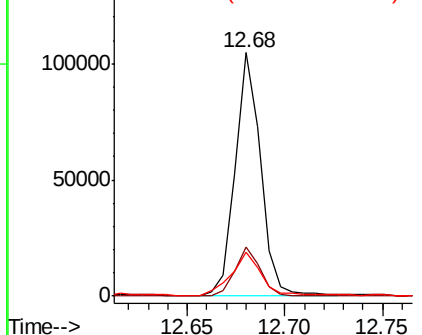
Tgt Ion	Ratio	Resp	Lower	Upper
202	100	95353		
200	20.2	17.0	25.4	
203	18.1	14.4	21.6	

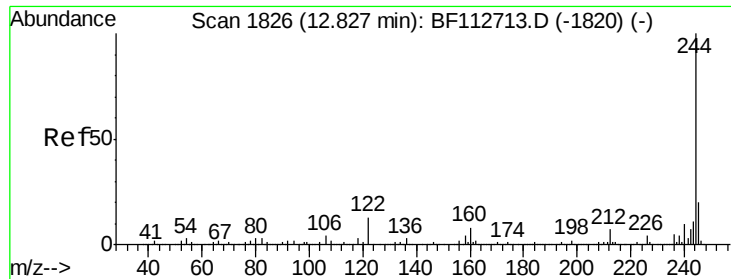
Abundance

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





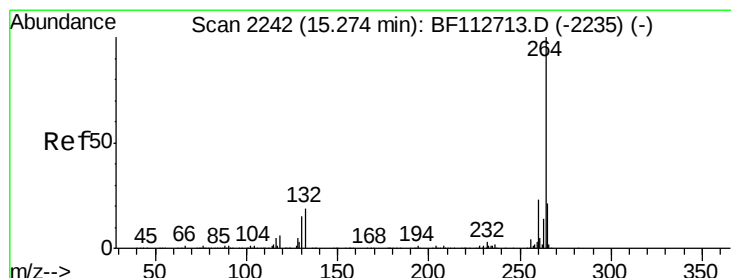
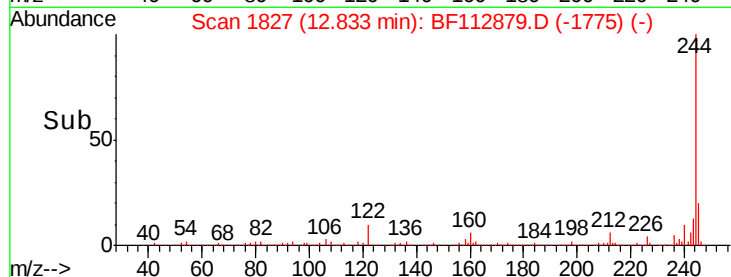
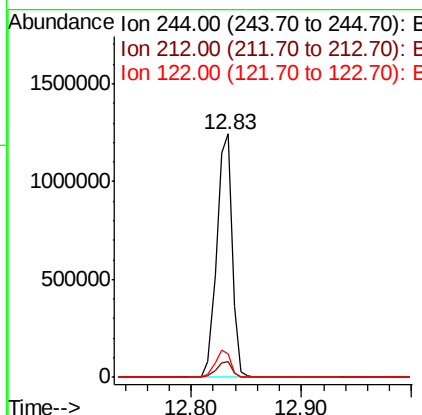
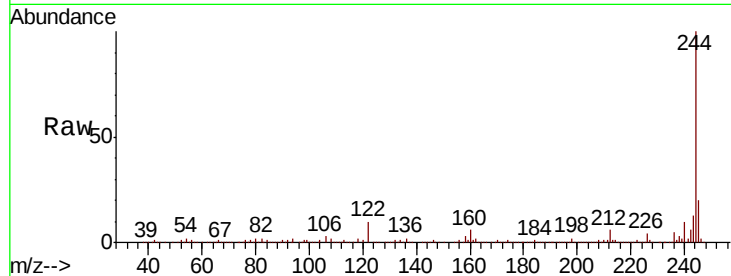
#79
 Terphenyl-d14
 Concen: 53.561 ng
 RT: 12.83 min Scan# 1827
 Delta R.T. 0.01 min
 Lab File: BF112879.D
 Acq: 6 Mar 2019 3:52

Instrument :
 BNA_F
 ClientSampleId :
 PST-028-B004-022719

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.3	5.6	8.4
122	9.6	10.5	15.7

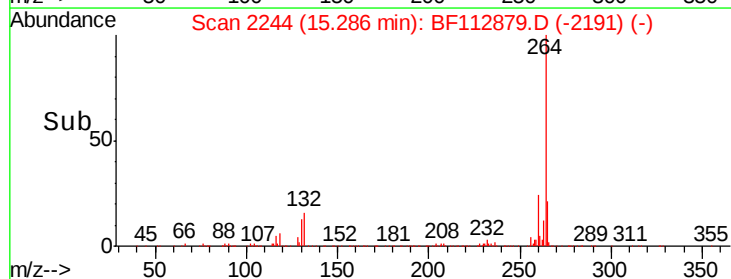
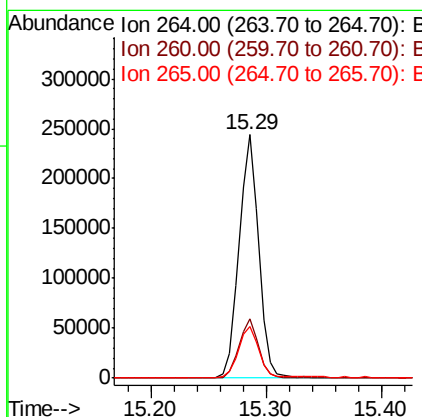
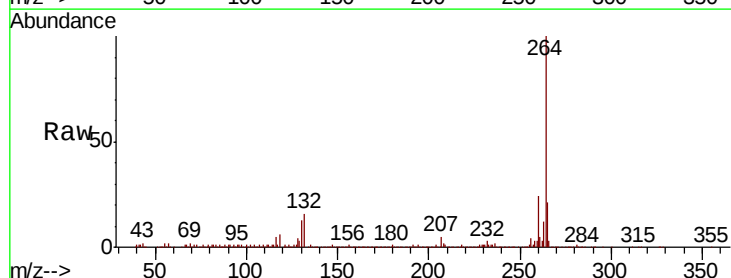
Manual Integrations
 APPROVED

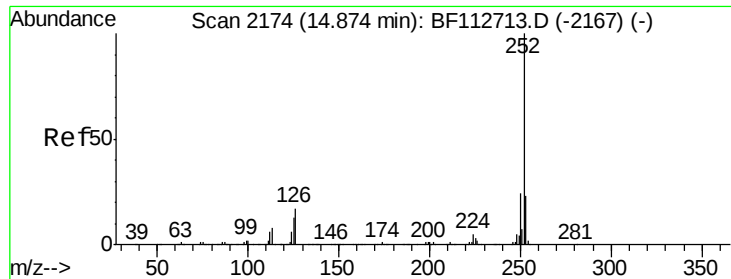
Sohil
 3/6/2019 12:24:57 PM



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.29 min Scan# 2244
 Delta R.T. 0.01 min
 Lab File: BF112879.D
 Acq: 6 Mar 2019 3:52

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.2	18.7	28.1
265	21.4	17.2	25.8





#88
 Benzo(b)fluoranthene
 Concen: 2.250 ng/ml
 RT: 14.89 min Scan# 2176
 Delta R.T. 0.01 min
 Lab File: BF112879.D
 Acq: 6 Mar 2019 3:52

Instrument :
 BNA_F
 ClientSampleId :
 PST-028-B004-022719

Tot Ion:	252	Resp:	41969
Ion Ratio	Lower	Upper	
252	100		
253	23.0	18.0	27.0
125	15.0	10.2	15.2

Manual Integrations
 APPROVED

Sohil
 3/6/2019 12:24:57 PM

