

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030519\
 Data File : BF112863.D
 Acq On : 5 Mar 2019 20:19
 Operator : JU/SJ
 Sample : K1705-08
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EXT-028-SW010-022719

Manual Integrations
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Sohil
 3/6/2019 12:24:32 PM

Quant Time: Mar 06 03:59:05 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	169753	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	670305	20.00	ng	0.00
39) Acenaphthene-d10	9.77	164	323195	20.00	ng	0.00
64) Phenanthrene-d10	11.25	188	633603	20.00	ng	0.00
76) Chrysene-d12	13.87	240	448780	20.00	ng	0.00
87) Perylene-d12	15.28	264	469645	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	802292	73.52	ng	0.00
7) Phenol-d6	6.37	99	1074161	78.36	ng	0.00
23) Nitrobenzene-d5	7.29	82	644882	57.57	ng	-0.01
42) 2,4,6-Tribromophenol	10.55	330	332363	96.87	ng	0.00
45) 2-Fluorobiphenyl	9.09	172	1129392	52.28	ng	0.00
79) Terphenyl-d14	12.83	244	1012673	43.74	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.49	163	96309	4.041	ng	98
71) Phenanthrene	11.27	178	226612	7.189	ng	98
75) Fluoranthene	12.45	202	266495	7.890	ng	96
78) Pyrene	12.68	202	210974	5.576	ng	99
81) Benzo(a)anthracene	13.86	228	95828	3.081	ng	96
83) Chrysene	13.90	228	85985	2.822	ng	98
88) Benzo(b)fluoranthene	14.88	252	108323m	3.566	ng	
90) Benzo(a)pyrene	15.22	252	72901	2.713	ng	97

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

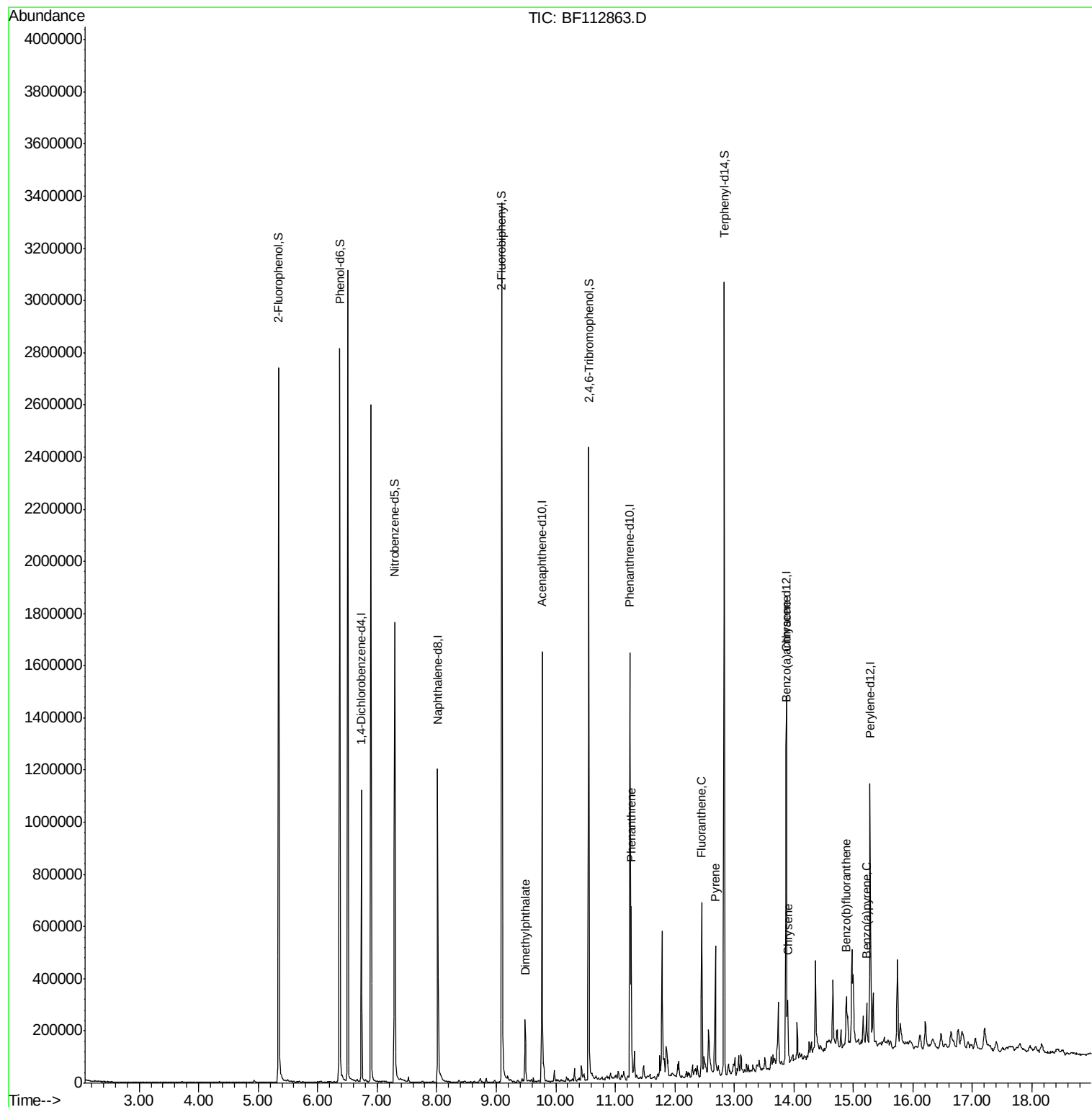
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030519\
Data File : BF112863.D
Acq On : 5 Mar 2019 20:19
Operator : JU/SJ
Sample : K1705-08
Misc :
ALS Vial : 8 Sample Multiplier: 1

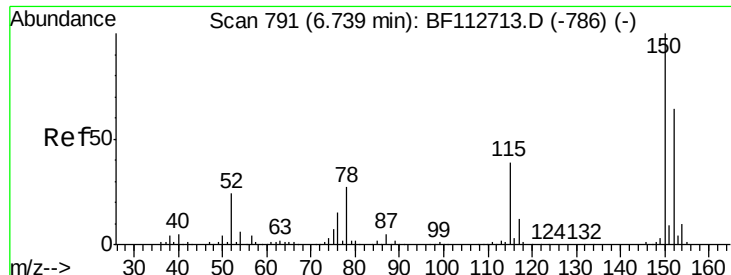
Instrument :
BNA_F
ClientSampleId :
EXT-028-SW010-022719

Manual Integrations
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3/6/2019 12:24:32 PM

Quant Time: Mar 06 03:59:05 2019
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

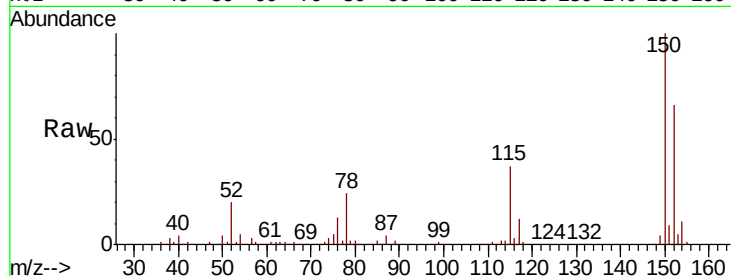
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.74 min Scan# 791
Delta R.T. 0.00 min
Lab File: BF112863.D
Acq: 5 Mar 2019 20:19

Instrument :
BNA_F
ClientSampleId :
EXT-028-SW010-022719

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.7	124.2	186.2
115	57.0	48.2	72.4

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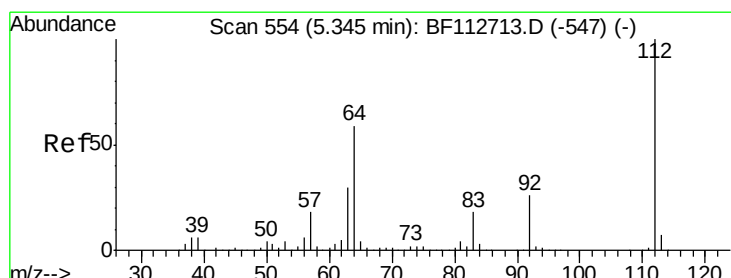
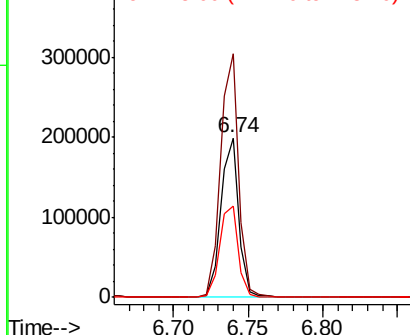
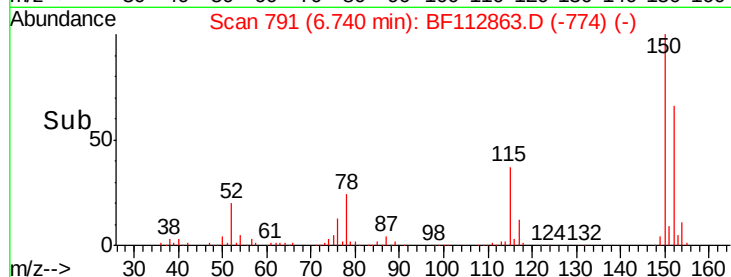


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

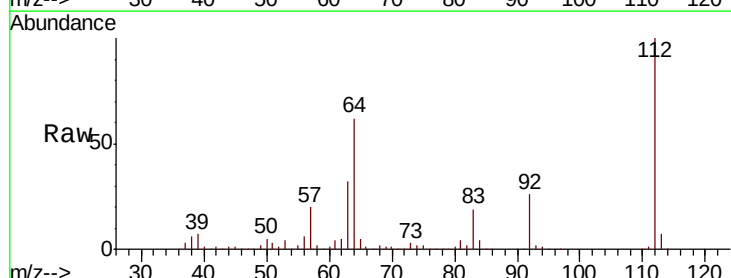
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 73.519 ng
RT: 5.35 min Scan# 554
Delta R.T. 0.00 min
Lab File: BF112863.D
Acq: 5 Mar 2019 20:19

Tgt Ion	Ratio	Lower	Upper
112	100		
64	62.2	47.6	71.4
63	32.1	24.4	36.6

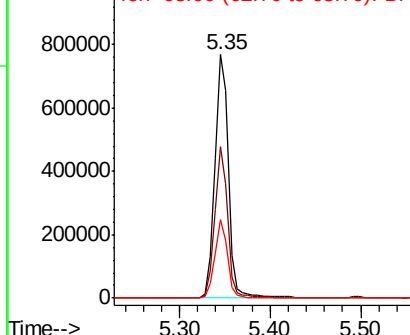
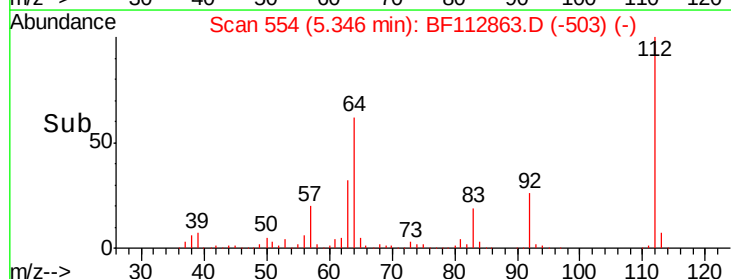


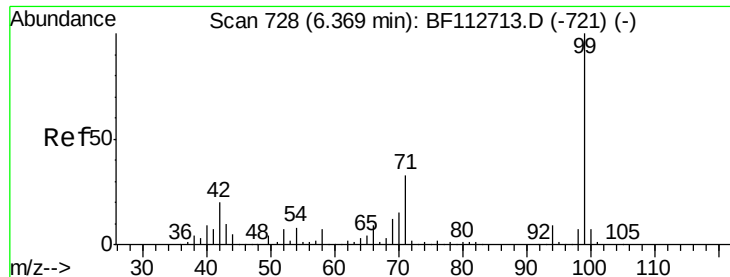
Abundance

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: 78.359 ng

RT: 6.37 min Scan# 728

Delta R.T. 0.00 min

Lab File: BF112863.D

Acq: 5 Mar 2019 20:19

Instrument :

BNA_F

ClientSampleId :

EXT-028-SW010-022719

Tot Ion: 99 Resp: 1074161

Ion Ratio Lower Upper

99 100

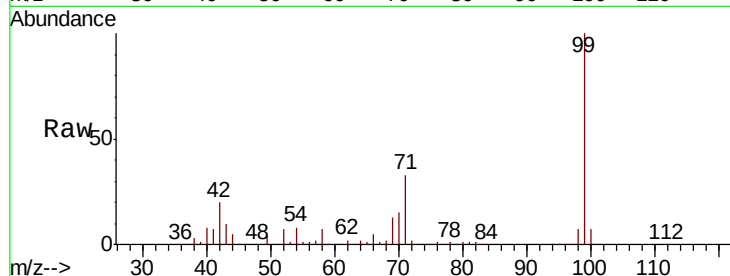
42 19.9 16.3 24.5

71 33.3 26.2 39.4

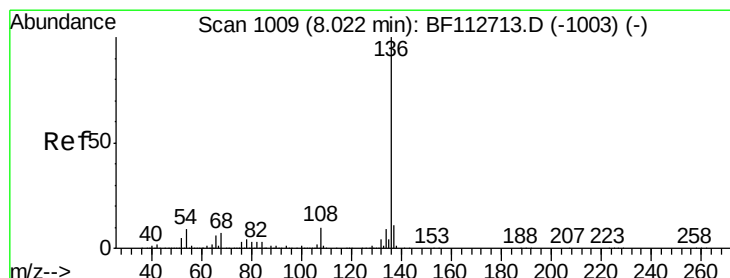
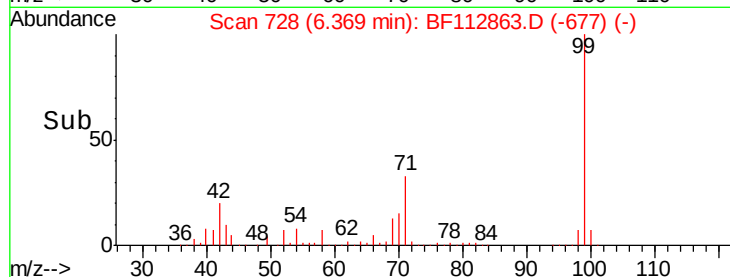
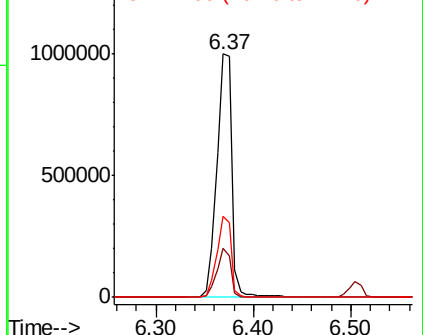
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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.02 min Scan# 1008

Delta R.T. -0.01 min

Lab File: BF112863.D

Acq: 5 Mar 2019 20:19

Tgt Ion: 136 Resp: 670305

Ion Ratio Lower Upper

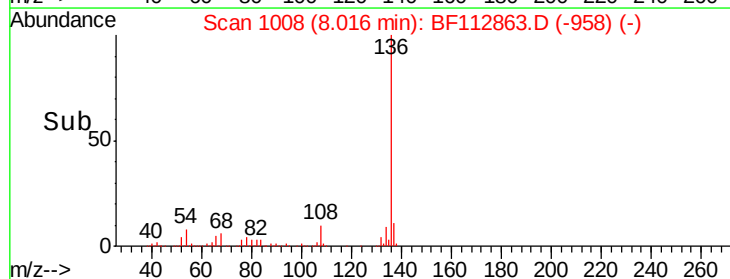
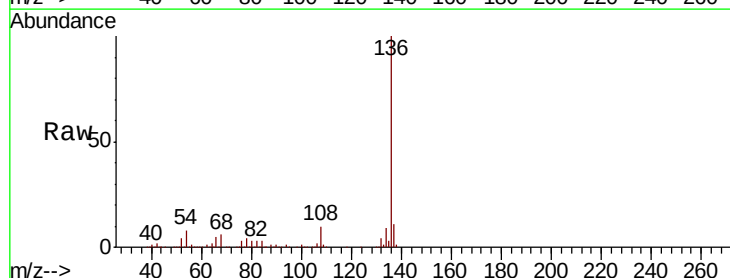
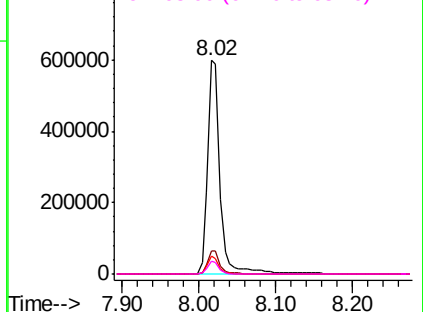
136 100

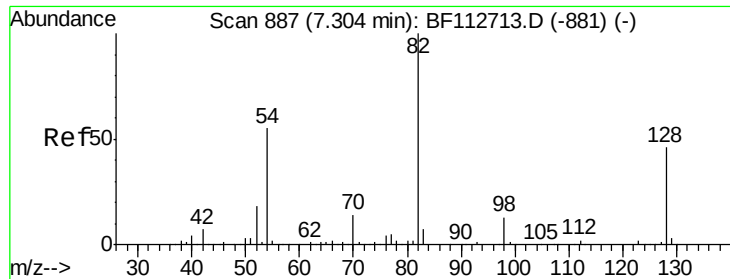
137 11.1 8.9 13.3

54 8.5 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





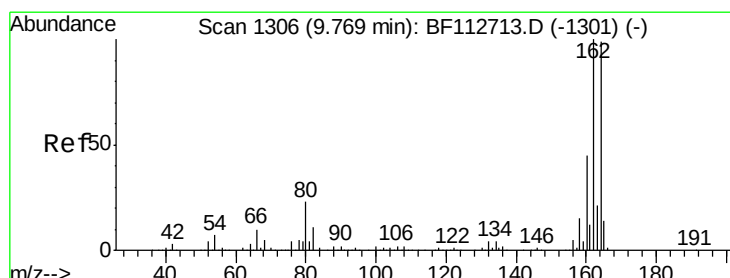
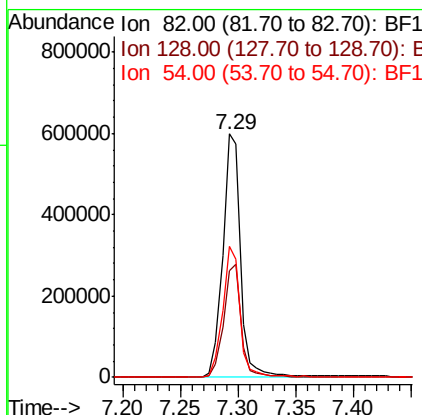
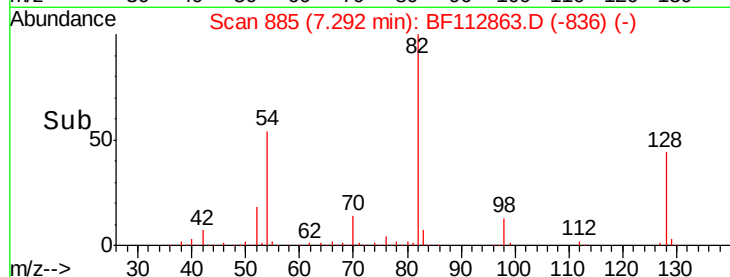
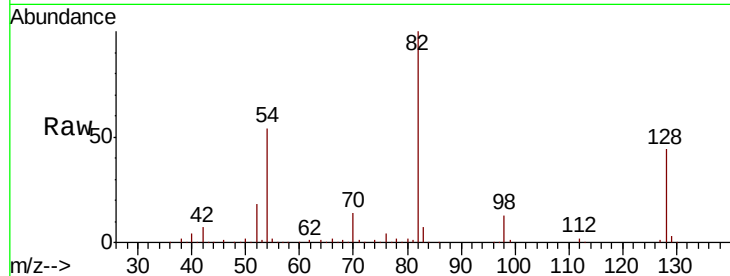
#23
Nitrobenzene-d5
Concen: 57.568 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.01 min
Lab File: BF112863.D
Acq: 5 Mar 2019 20:19

Instrument :
BNA_F
ClientSampleId :
EXT-028-SW010-022719

Tot Ion	Ratio	Lower	Upper
82	100		
128	44.0	36.3	54.5
54	53.9	43.7	65.5

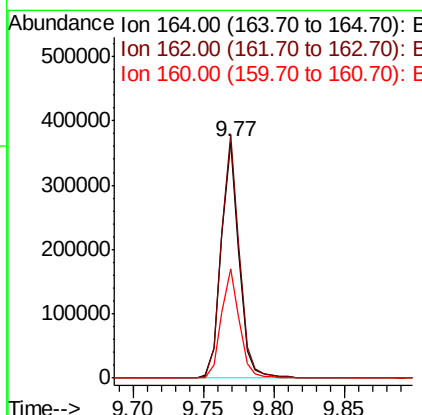
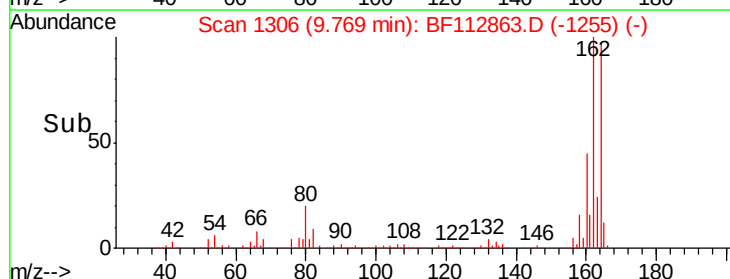
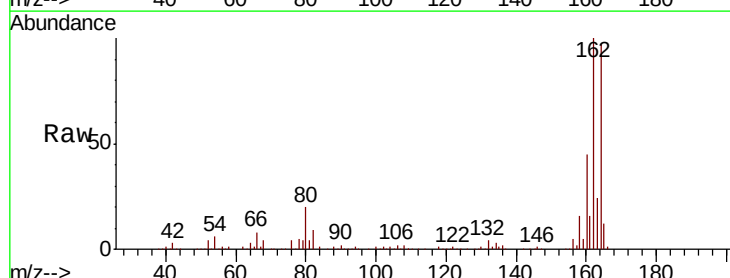
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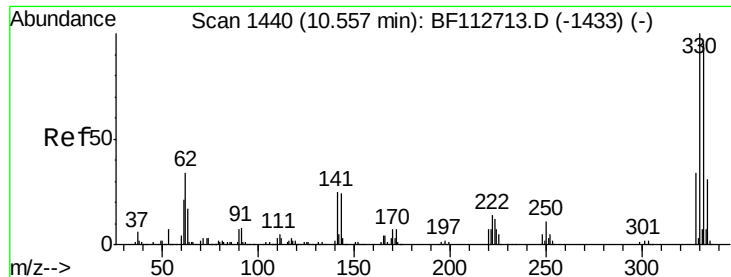
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.77 min Scan# 1306
Delta R.T. 0.00 min
Lab File: BF112863.D
Acq: 5 Mar 2019 20:19

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.0	80.6	120.8
160	46.1	36.0	54.0





#42

2,4,6-Tribromophenol

Concen: 96.867 ng

RT: 10.55 min Scan# 1439

Delta R.T. -0.01 min

Lab File: BF112863.D

Acq: 5 Mar 2019 20:19

Instrument :

BNA_F

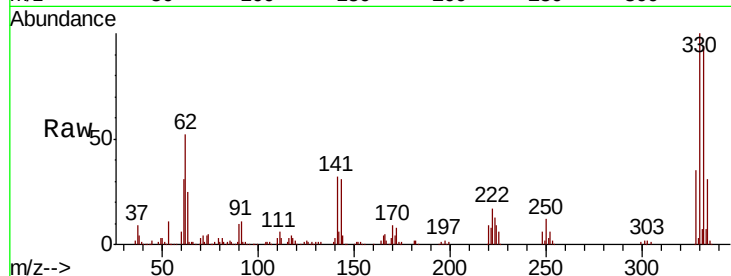
ClientSampleId :

EXT-028-SW010-022719

Tot Ion:	330	Resp:	332363
Ion Ratio	Lower	Upper	
330	100		
332	95.2	76.2	114.4
141	28.9	27.0	40.6

Manual Integrations
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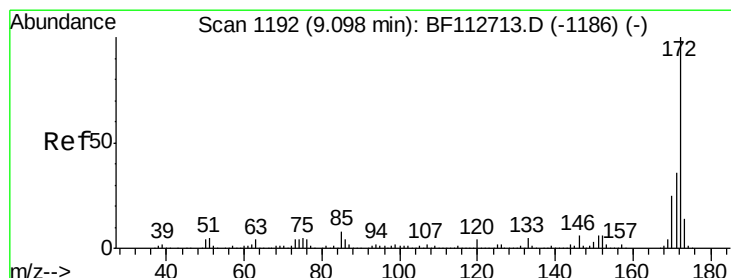
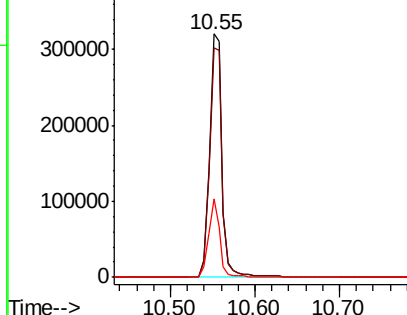
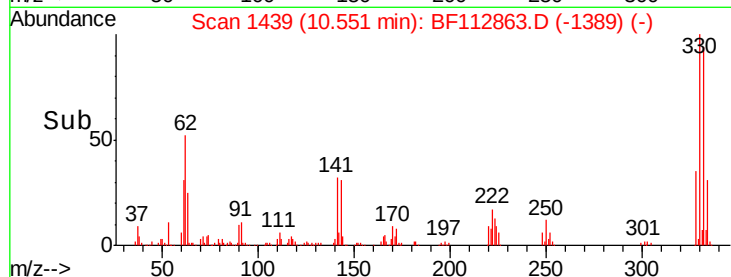


Abundance

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: 52.283 ng

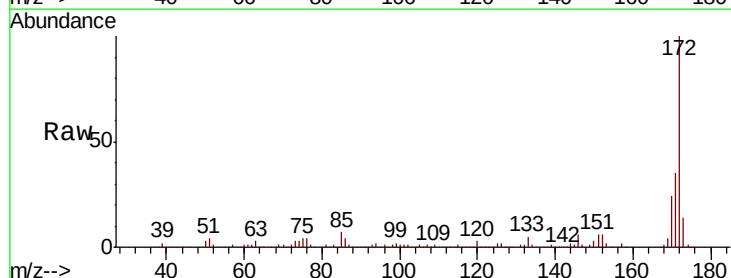
RT: 9.09 min Scan# 1191

Delta R.T. -0.01 min

Lab File: BF112863.D

Acq: 5 Mar 2019 20:19

Tgt Ion:	172	Resp:	1129392
Ion Ratio	Lower	Upper	
172	100		
171	35.2	29.0	43.4
170	24.3	20.0	30.0

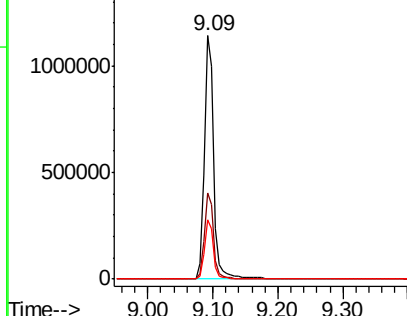
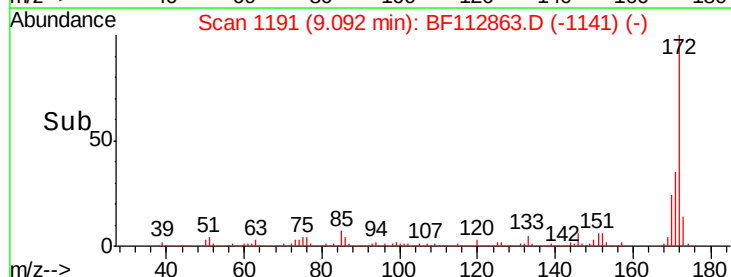


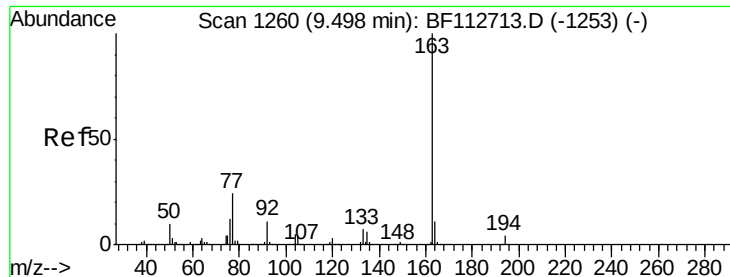
Abundance

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: 4.041 ng

RT: 9.49 min Scan# 1258

Delta R.T. -0.01 min

Lab File: BF112863.D

Acq: 5 Mar 2019 20:19

Instrument :

BNA_F

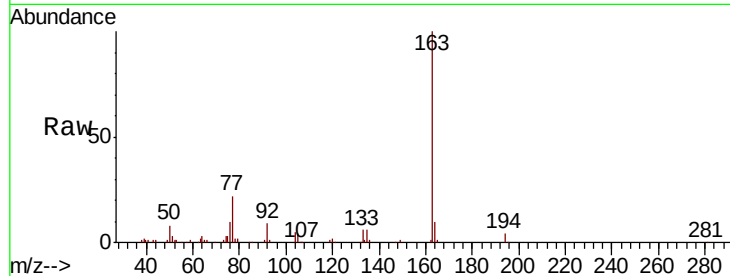
ClientSampleId :

EXT-028-SW010-022719

Tot Ion:	163	Resp:	96309
Ion Ratio	Lower	Upper	
163	100		
194	4.0	3.0	4.4
164	9.8	8.4	12.6

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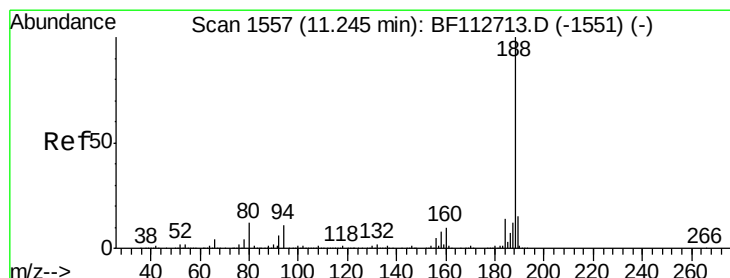
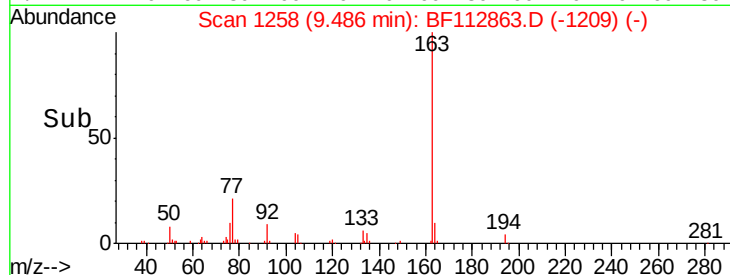
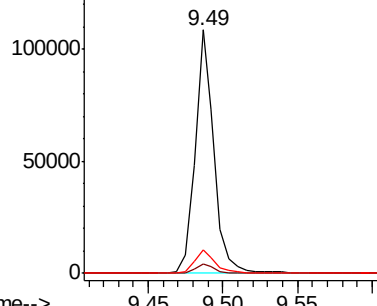


Abundance

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

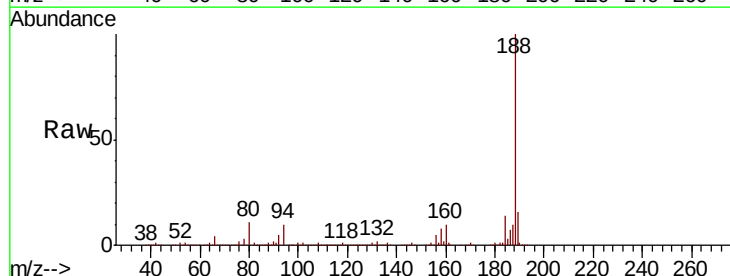
RT: 11.25 min Scan# 1557

Delta R.T. 0.00 min

Lab File: BF112863.D

Acq: 5 Mar 2019 20:19

Tgt Ion:	188	Resp:	633603
Ion Ratio	Lower	Upper	
188	100		
94	9.9	9.0	13.4
80	10.9	9.2	13.8

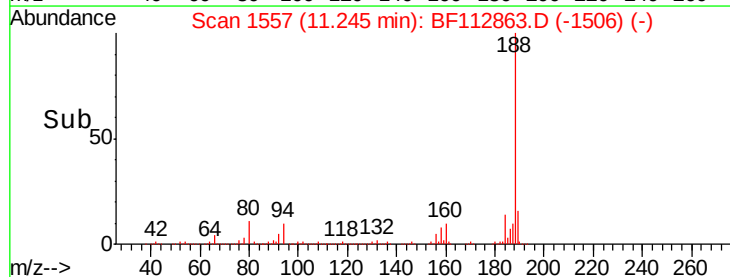
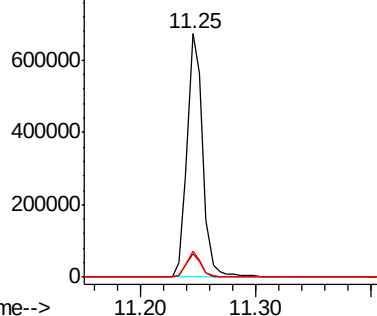


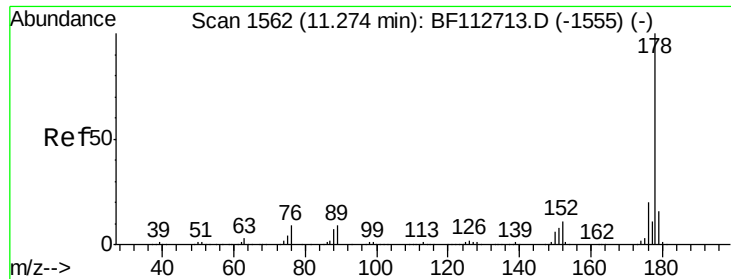
Abundance

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





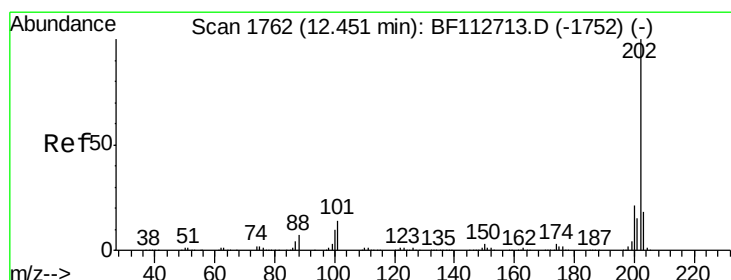
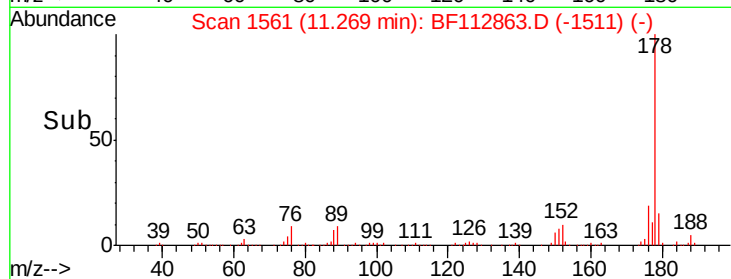
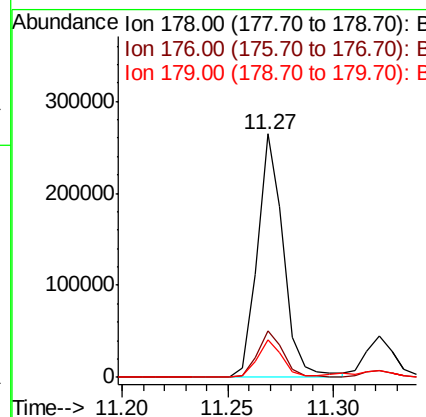
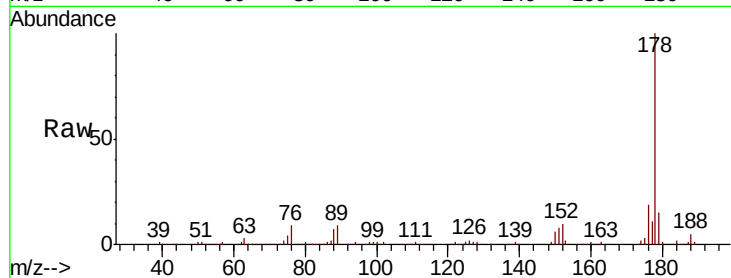
#71
Phenanthrene
Concen: 7.189 ng
RT: 11.27 min Scan# 1561
Delta R.T. -0.01 min
Lab File: BF112863.D
Acq: 5 Mar 2019 20:19

Instrument :
BNA_F
ClientSampleId :
EXT-028-SW010-022719

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.9	16.3	24.5
179	15.3	12.7	19.1

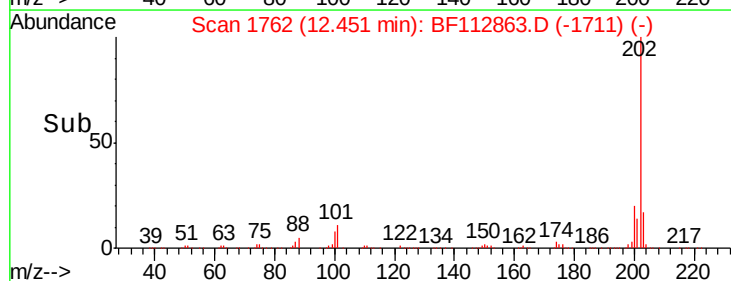
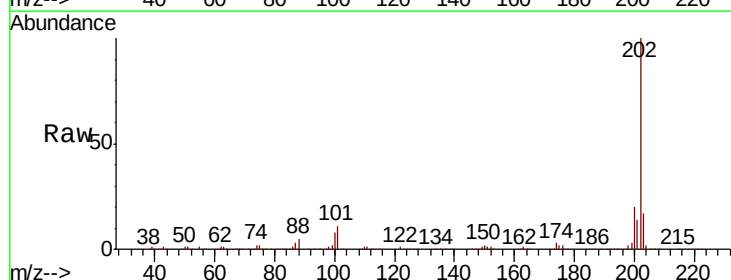
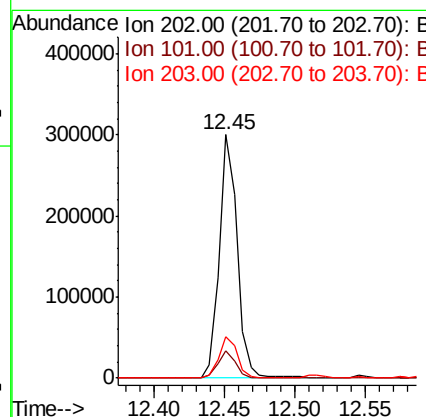
Manual Integrations
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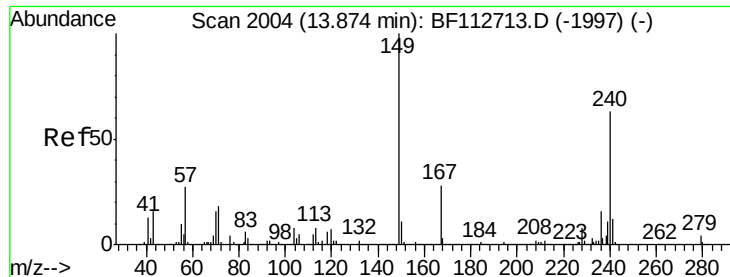
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#75
Fluoranthene
Concen: 7.890 ng
RT: 12.45 min Scan# 1762
Delta R.T. 0.00 min
Lab File: BF112863.D
Acq: 5 Mar 2019 20:19

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.4	0.0	33.8
203	17.2	0.0	38.4





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.87 min Scan# 2004

Delta R.T. 0.00 min

Lab File: BF112863.D

Acq: 5 Mar 2019 20:19

Instrument :

BNA_F

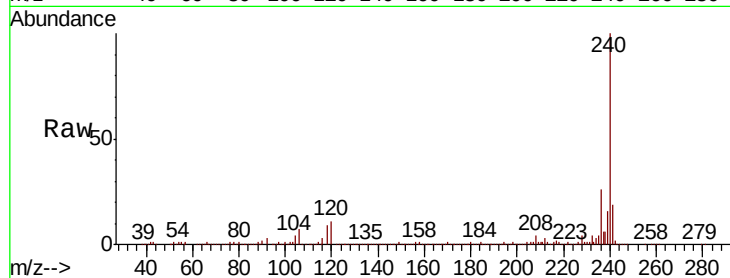
ClientSampleId :

EXT-028-SW010-022719

Tot Ion:	240	Resp:	448780
Ion Ratio	Lower	Upper	
240	100		
120	10.6	8.9	13.3
236	25.8	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

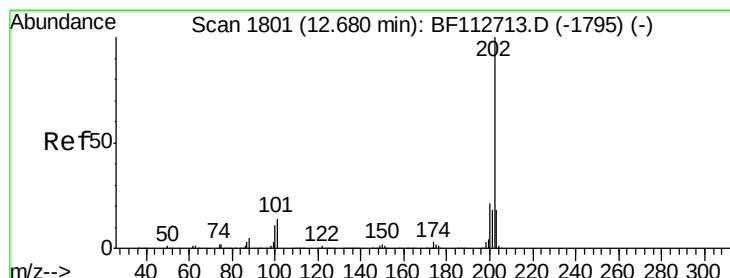
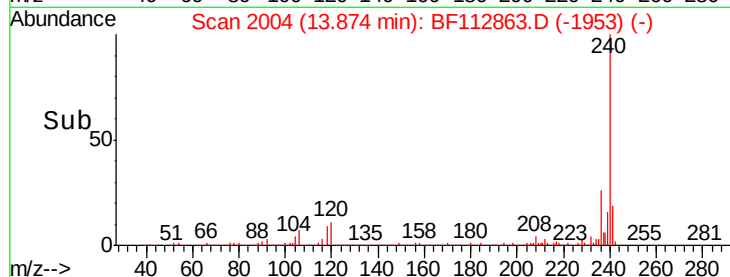
13.87

400000

200000

0

Time-->



#78

Pyrene

Concen: 5.576 ng

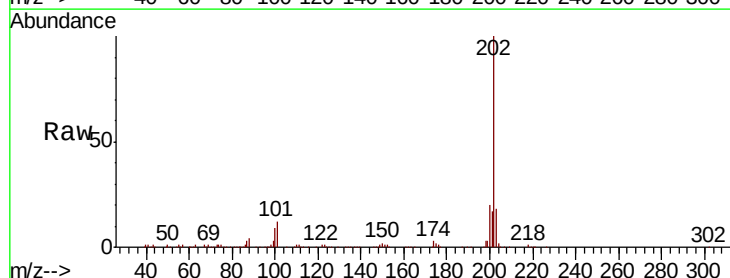
RT: 12.68 min Scan# 1801

Delta R.T. 0.00 min

Lab File: BF112863.D

Acq: 5 Mar 2019 20:19

Tgt Ion:	202	Resp:	210974
Ion Ratio	Lower	Upper	
202	100		
200	20.4	17.0	25.4
203	17.6	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

12.68

300000

250000

200000

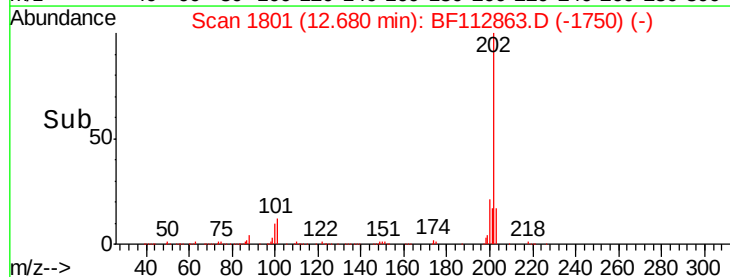
150000

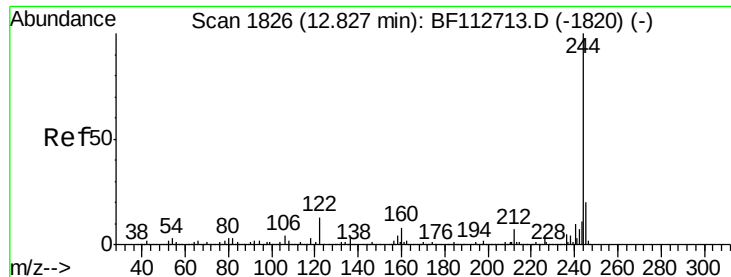
100000

50000

0

Time-->





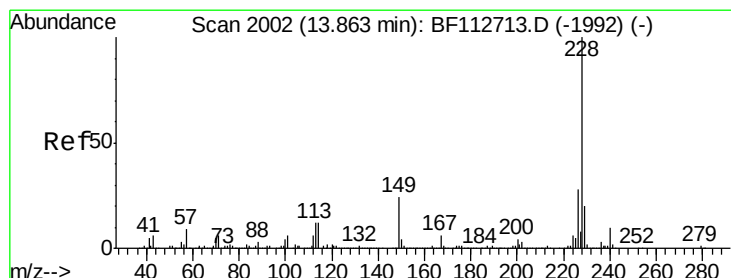
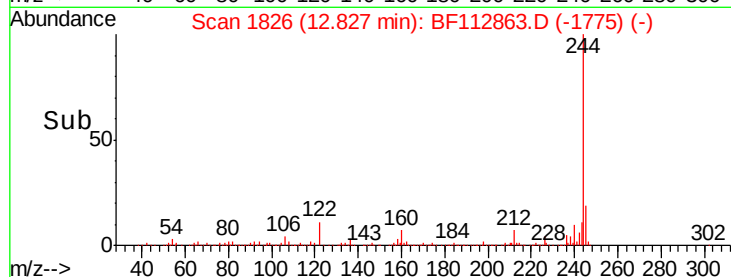
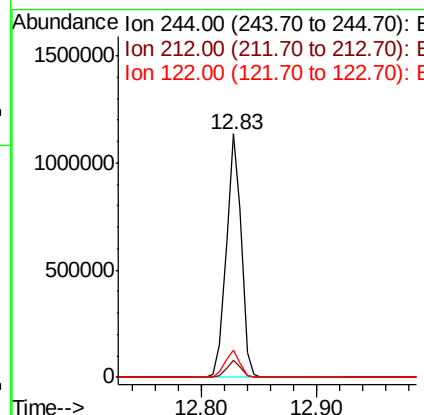
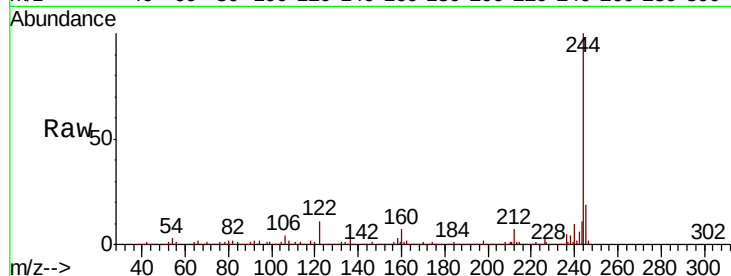
#79
 Terphenyl-d14
 Concen: 43.742 ng
 RT: 12.83 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: BF112863.D
 Acq: 5 Mar 2019 20:19

Instrument :
 BNA_F
 ClientSampleId :
 EXT-028-SW010-022719

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.6	8.4
122	11.3	10.5	15.7

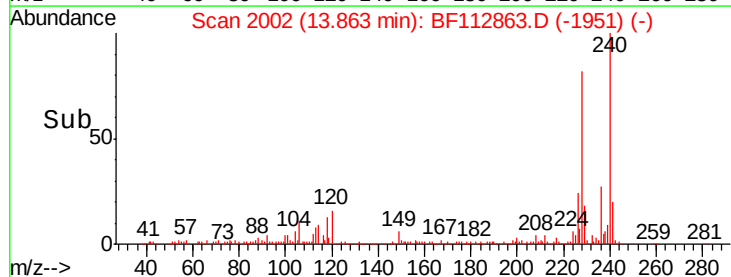
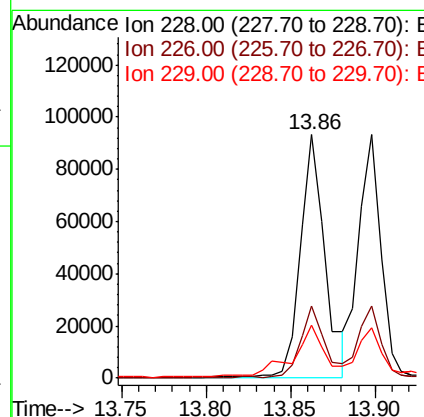
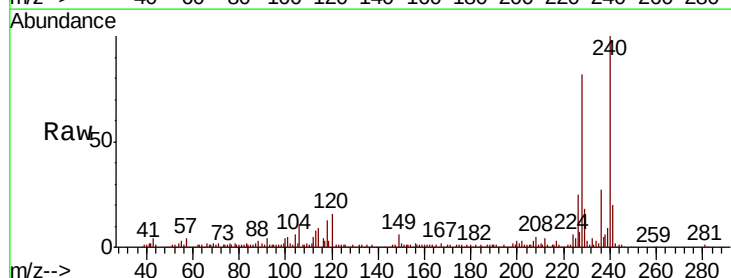
Manual Integrations
 APPROVED

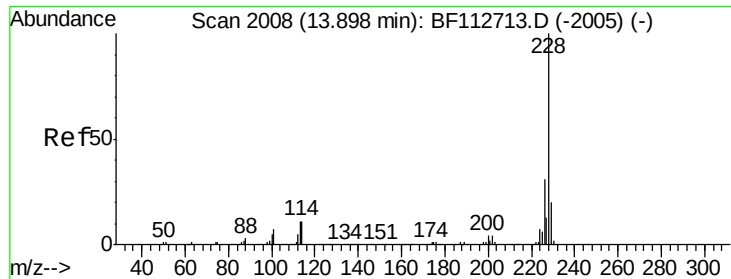
Sohil
 3/6/2019 12:24:32 PM



#81
 Benzo(a)anthracene
 Concen: 3.081 ng
 RT: 13.86 min Scan# 2002
 Delta R.T. 0.00 min
 Lab File: BF112863.D
 Acq: 5 Mar 2019 20:19

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.8	22.2	33.4
229	21.6	16.0	24.0





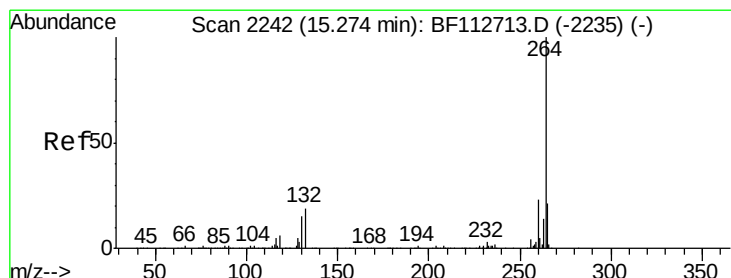
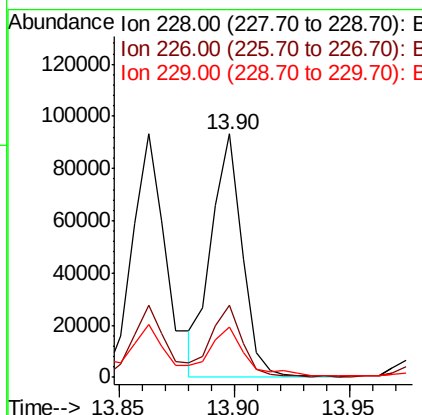
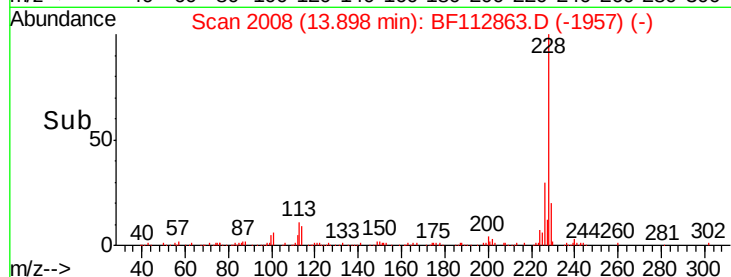
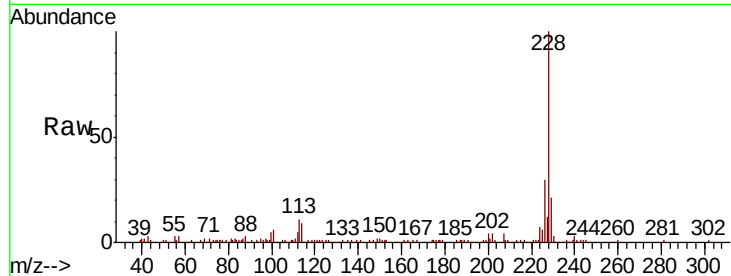
#83
Chrysene
Concen: 2.822 ng
RT: 13.90 min Scan# 2008
Delta R.T. 0.00 min
Lab File: BF112863.D
Acq: 5 Mar 2019 20:19

Instrument :
BNA_F
ClientSampleId :
EXT-028-SW010-022719

Tot Ion:	228	Resp:	85985
Ion Ratio	Lower	Upper	
228	100		
226	29.5	24.9	37.3
229	20.8	16.3	24.5

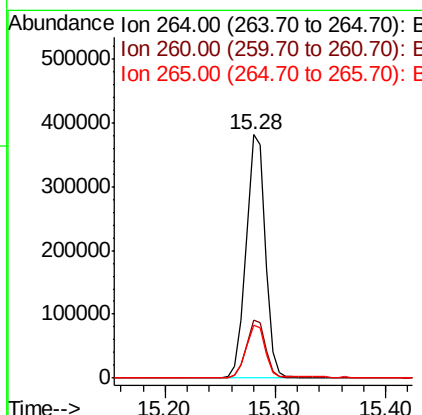
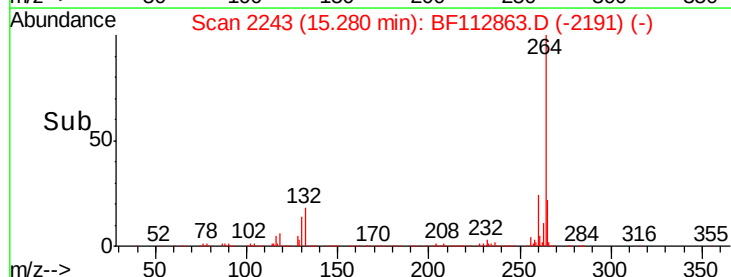
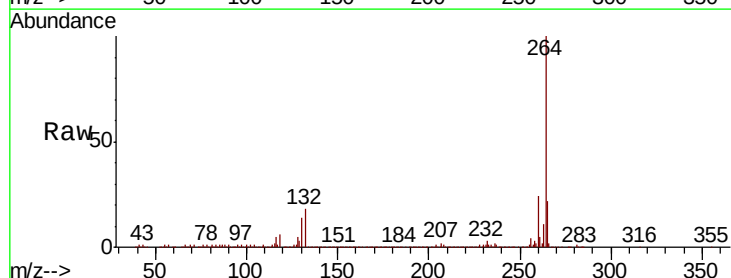
Manual Integrations
APPROVED

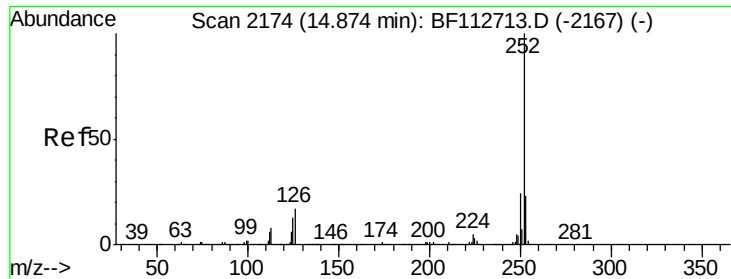
Sohil
3/6/2019 12:24:32 PM



#87
Perylene-d12
Concen: 20.000 ng
RT: 15.28 min Scan# 2243
Delta R.T. 0.01 min
Lab File: BF112863.D
Acq: 5 Mar 2019 20:19

Tgt Ion:	264	Resp:	469645
Ion Ratio	Lower	Upper	
264	100		
260	23.8	18.7	28.1
265	21.7	17.2	25.8





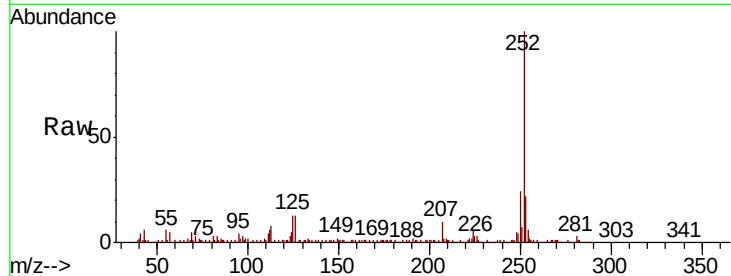
#88
Benzo(b)fluoranthene
Concen: 3.566 ng m
RT: 14.88 min Scan# 2175
Delta R.T. 0.01 min
Lab File: BF112863.D
Acq: 5 Mar 2019 20:19

Instrument :
BNA_F
ClientSampleId :
EXT-028-SW010-022719

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.6	18.0	27.0
125	12.8	10.2	15.2

Manual Integrations
APPROVED

Sohil
3/6/2019 12:24:32 PM

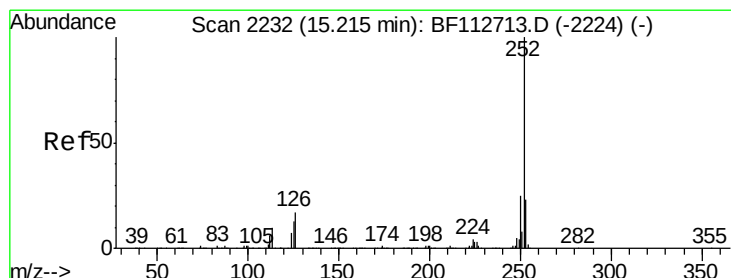
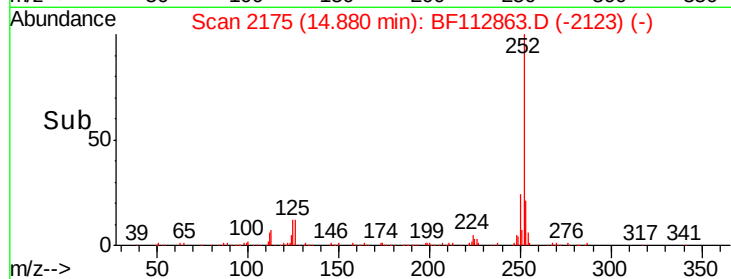
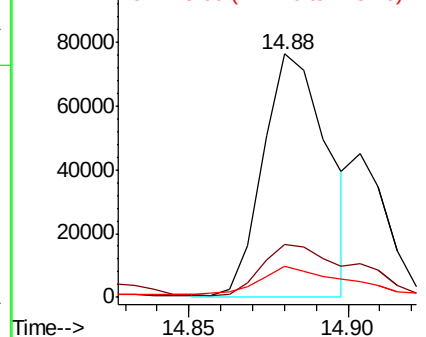


Abundance

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: 2.713 ng
RT: 15.22 min Scan# 2233
Delta R.T. 0.01 min
Lab File: BF112863.D
Acq: 5 Mar 2019 20:19

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.5	18.0	27.0
125	11.7	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

