

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022819\
 Data File : BF112755.D
 Acq On : 28 Feb 2019 11:59
 Operator : JU/SJ
 Sample : K1627-05
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-03-(0-2)

Manual Integrations
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Sohil
 3/1/2019 2:59:46 PM

Quant Time: Mar 01 05:46:39 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 27 16:08:50 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	185716	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	656565	20.00	ng	0.00
39) Acenaphthene-d10	9.77	164	261376	20.00	ng	0.00
64) Phenanthrene-d10	11.24	188	449851	20.00	ng	0.00
76) Chrysene-d12	13.87	240	483787	20.00	ng	0.00
87) Perylene-d12	15.29	264	529327	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	1157738	96.97	ng	0.01
7) Phenol-d6	6.37	99	1421070	94.75	ng	0.00
23) Nitrobenzene-d5	7.30	82	857319	78.13	ng	0.00
42) 2,4,6-Tribromophenol	10.56	330	296371	106.81	ng	0.00
45) 2-Fluorobiphenyl	9.10	172	1330686	87.80	ng	0.00
79) Terphenyl-d14	12.83	244	1242266	49.78	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.49	163	110240	5.720	ng	100
71) Phenanthrene	11.27	178	64822	2.896	ng	99
75) Fluoranthene	12.45	202	100521	4.192	ng	99
78) Pyrene	12.68	202	90863	2.228	ng	98
88) Benzo(b)fluoranthene	14.88	252	73924m	2.159	ng	

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

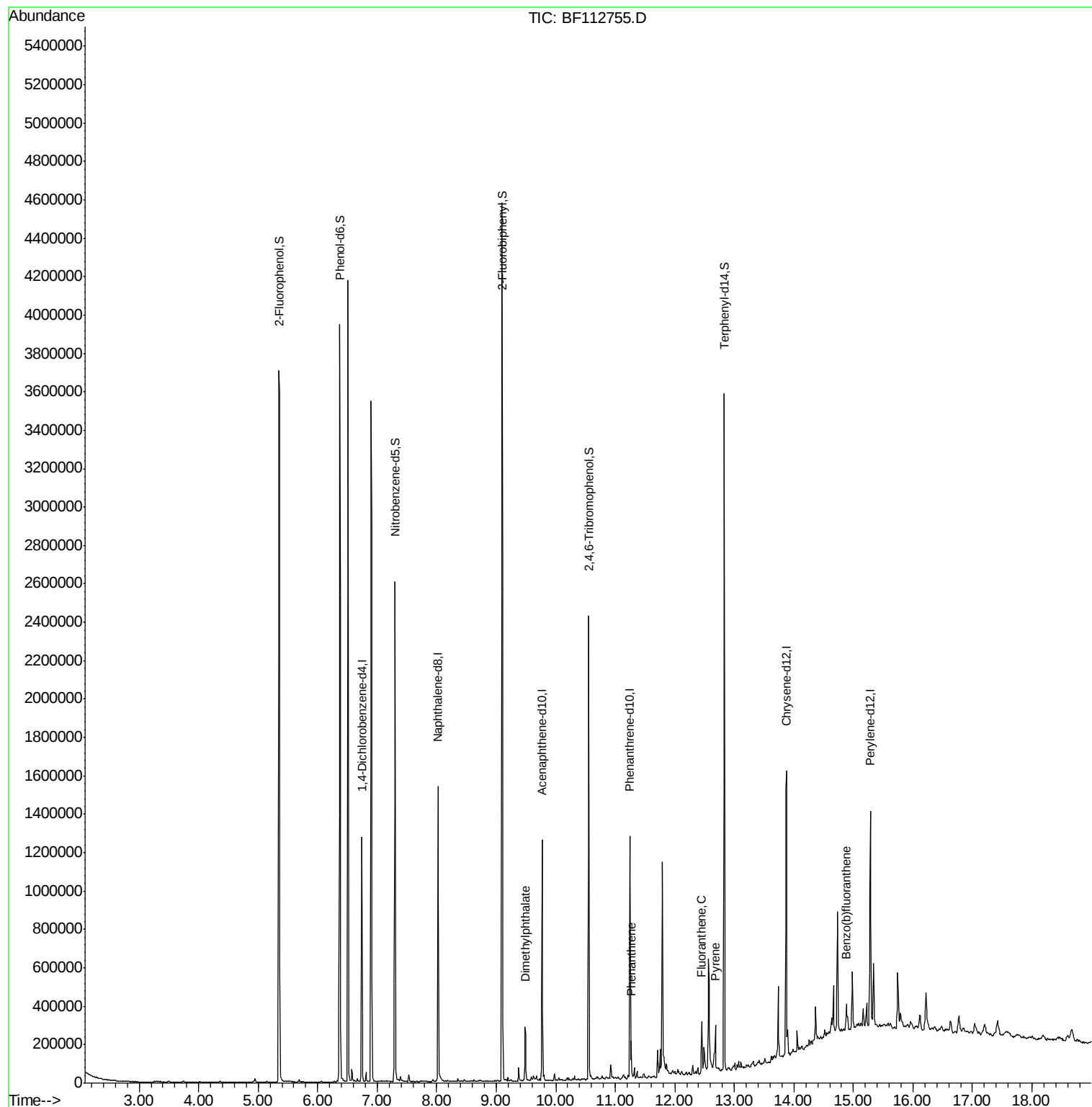
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022819\
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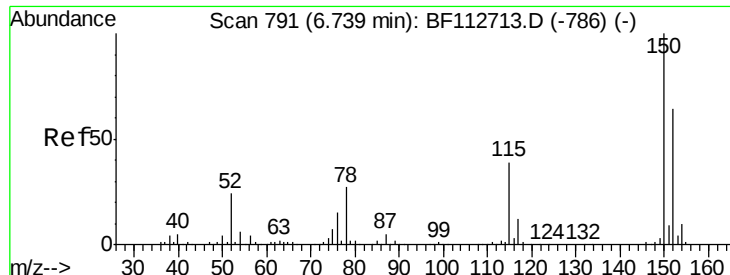
Instrument :
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SB-03-(0-2)

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#1

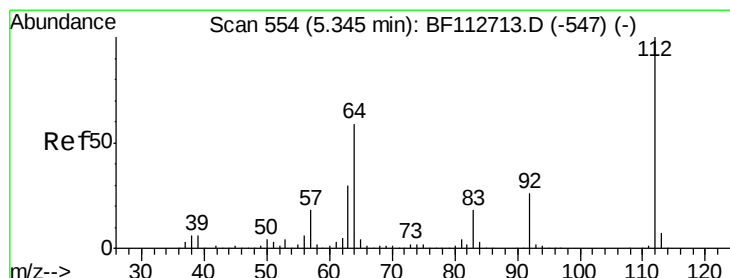
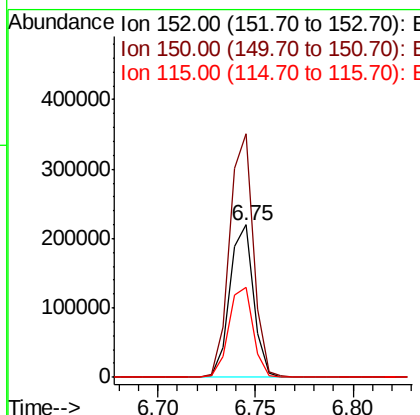
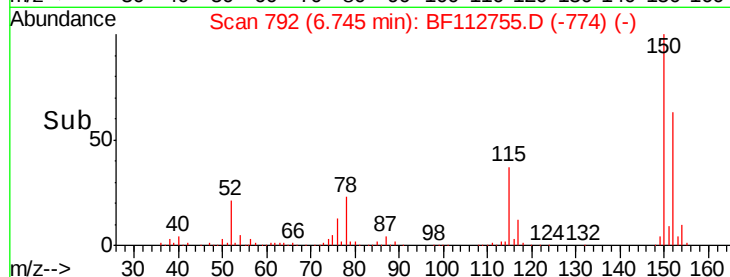
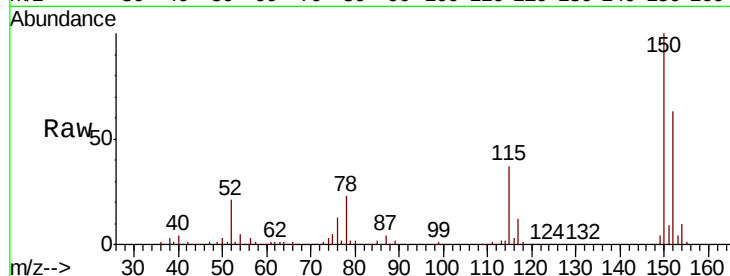
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.75 min Scan# 792
Delta R.T. 0.01 min
Lab File: BF112755.D
Acq: 28 Feb 2019 11:59

Instrument :
BNA_F
ClientSampleId :
SB-03-(0-2)

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.7	124.2	186.2
115	58.9	48.2	72.4

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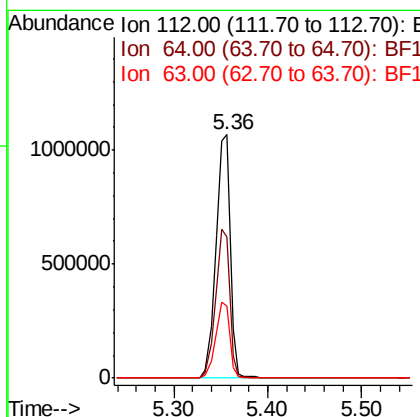
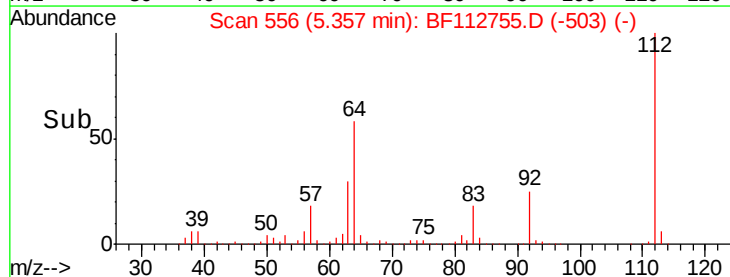
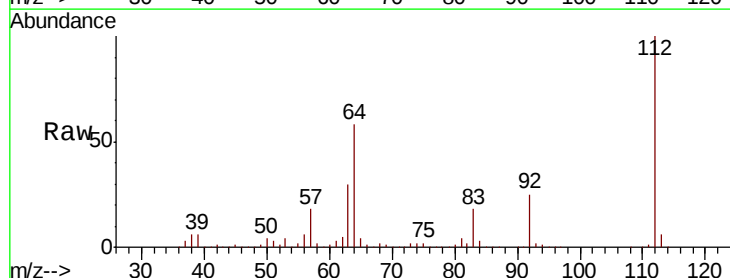
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#5

2-Fluorophenol
Concen: 96.971 ng
RT: 5.36 min Scan# 556
Delta R.T. 0.01 min
Lab File: BF112755.D
Acq: 28 Feb 2019 11:59

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.8	47.6	71.4
63	29.6	24.4	36.6





#7

Phenol-d6

Concen: 94.755 ng

RT: 6.37 min Scan# 729

Delta R.T. 0.01 min

Lab File: BF112755.D

Acq: 28 Feb 2019 11:59

Instrument :

BNA_F

ClientSampled :

SB-03-(0-2)

Tot Ion: 99 Resp: 1421070

Ion Ratio Lower Upper

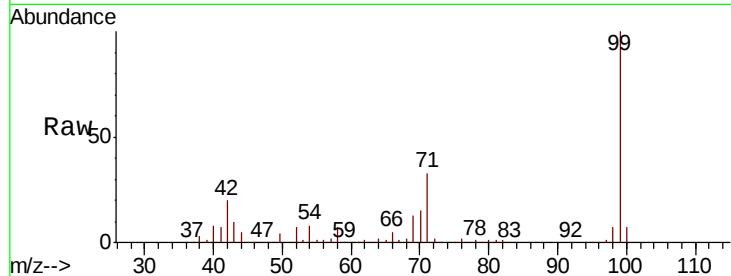
99 100

42 19.7 16.3 24.5

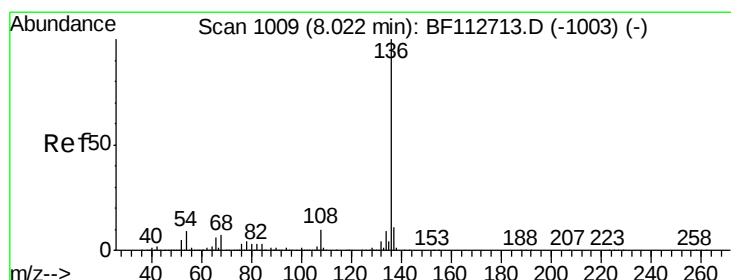
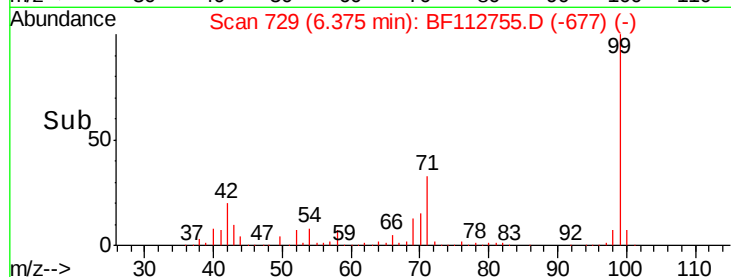
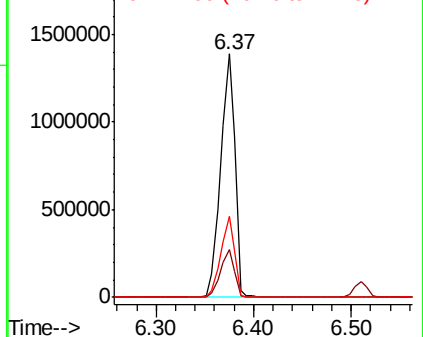
71 33.4 26.2 39.4

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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# 1009

Delta R.T. -0.00 min

Lab File: BF112755.D

Acq: 28 Feb 2019 11:59

Tgt Ion: 136 Resp: 656565

Ion Ratio Lower Upper

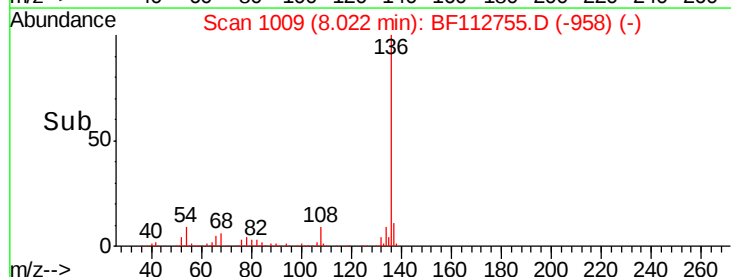
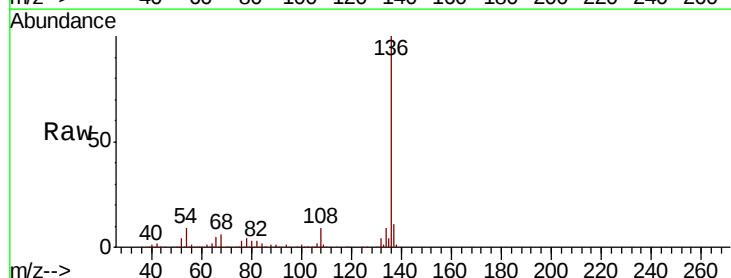
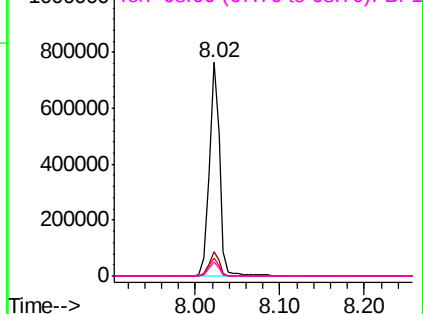
136 100

137 11.3 8.9 13.3

54 8.6 7.3 10.9

68 6.3 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





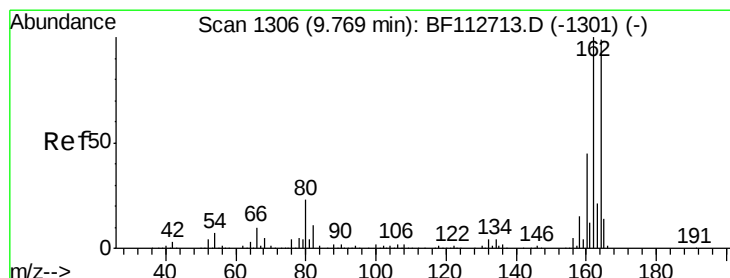
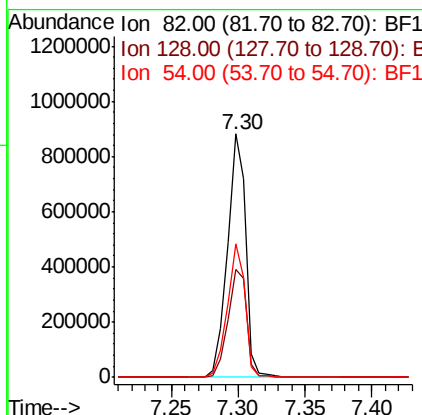
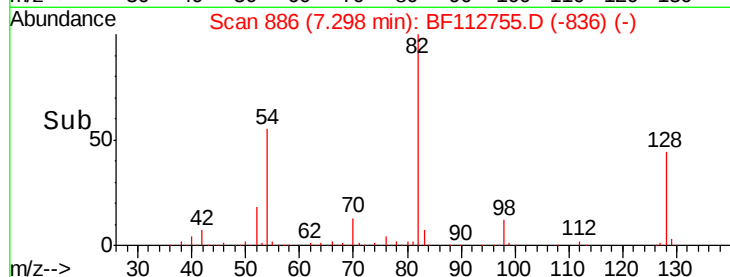
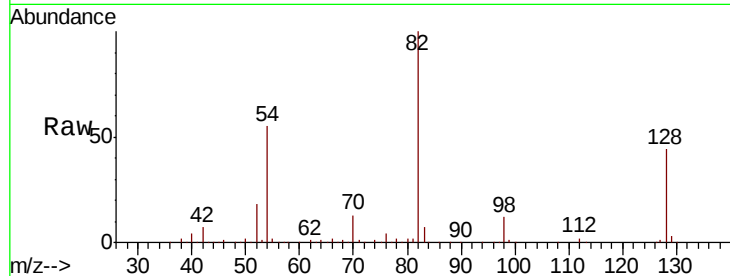
#23
Nitrobenzene-d5
Concen: 78.134 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.01 min
Lab File: BF112755.D
Acq: 28 Feb 2019 11:59

Instrument :
BNA_F
ClientSampled :
SB-03-(0-2)

Tot Ion	Ratio	Lower	Upper
82	100		
128	44.4	36.3	54.5
54	54.7	43.7	65.5

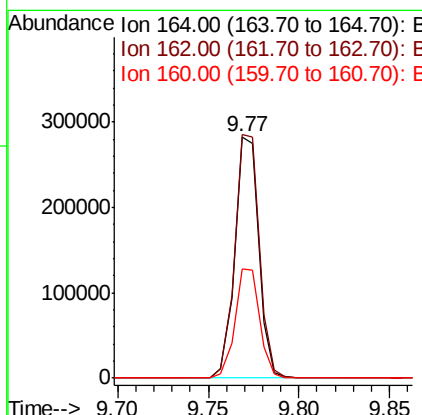
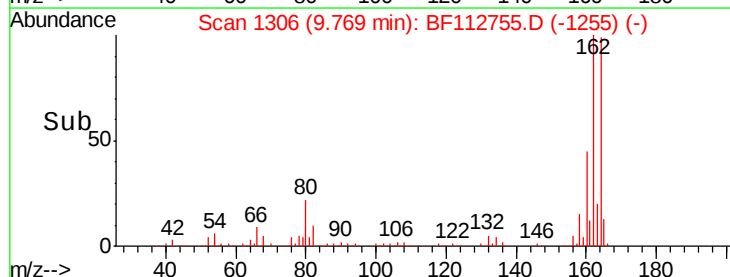
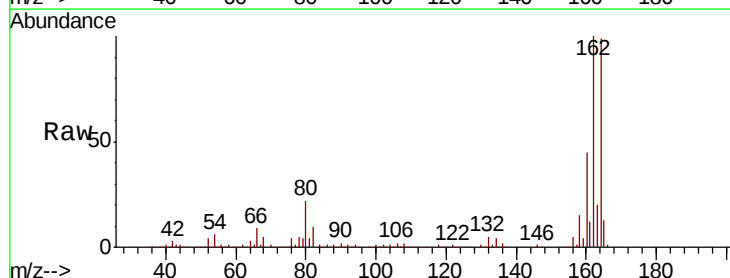
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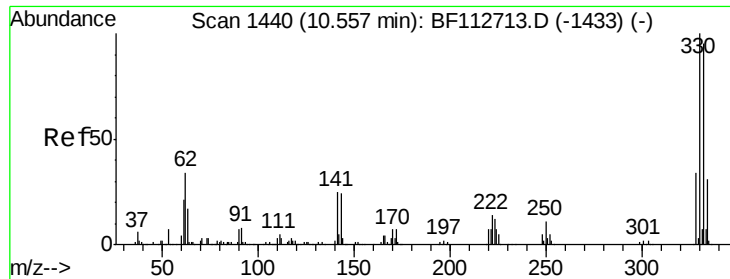
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.77 min Scan# 1306
Delta R.T. -0.00 min
Lab File: BF112755.D
Acq: 28 Feb 2019 11:59

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.9	80.6	120.8
160	45.4	36.0	54.0





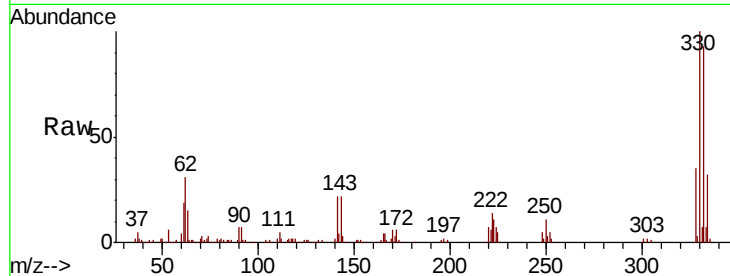
#42
 2,4,6-Tribromophenol
 Concen: 106.807 ng
 RT: 10.56 min Scan# 1440
 Delta R.T. -0.00 min
 Lab File: BF112755.D
 Acq: 28 Feb 2019 11:59

Instrument :
 BNA_F
 ClientSampleId :
 SB-03-(0-2)

Tot Ion	Ratio	Resp	Lower	Upper
330	100	296371		
332	94.8	76.2	114.4	
141	30.0	27.0	40.6	

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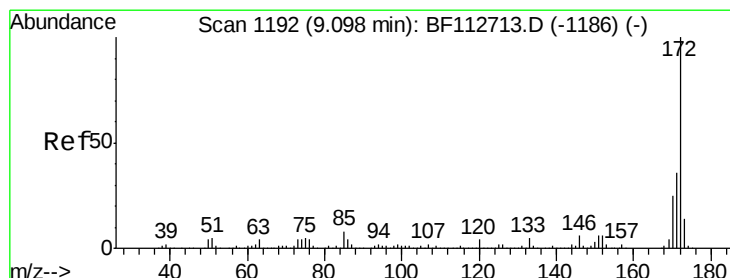
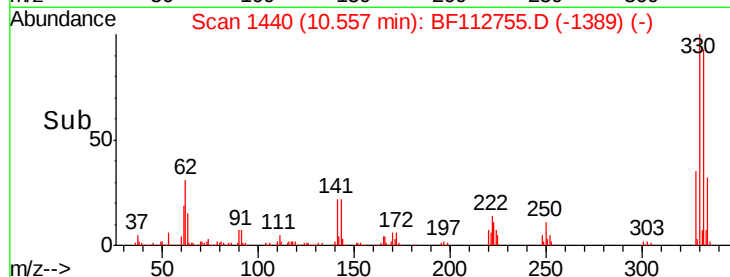
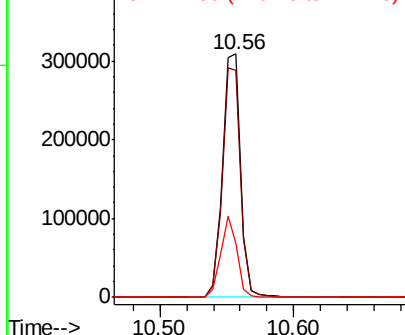


Abundance

Ion 329.80 (329.50 to 330.50): E

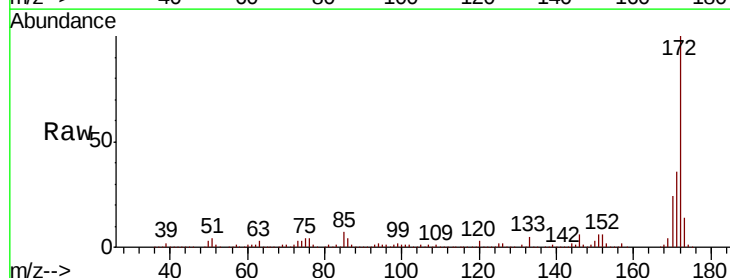
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 87.805 ng
 RT: 9.10 min Scan# 1192
 Delta R.T. 0.00 min
 Lab File: BF112755.D
 Acq: 28 Feb 2019 11:59

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1330686		
171	36.3	29.0	43.4	
170	24.4	20.0	30.0	

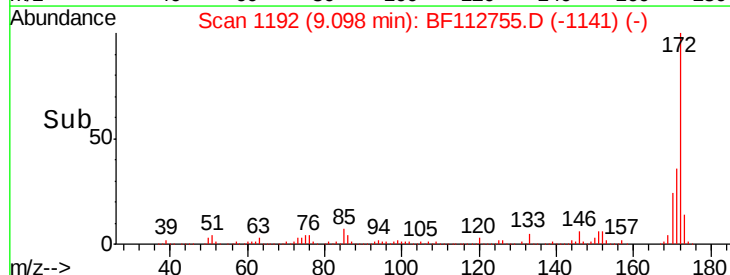
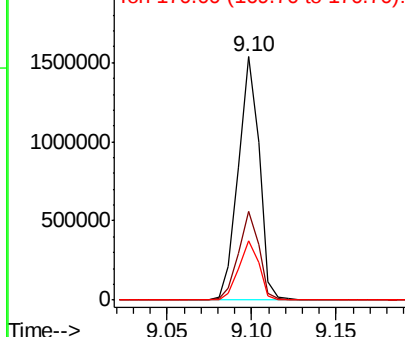


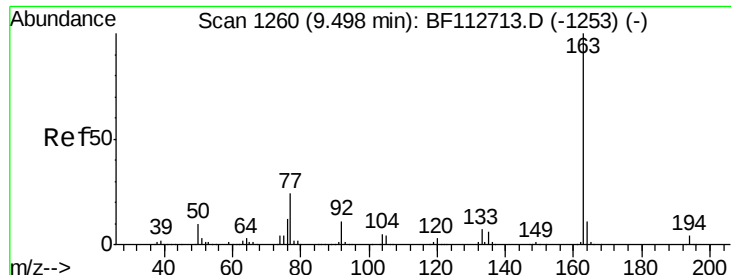
Abundance

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





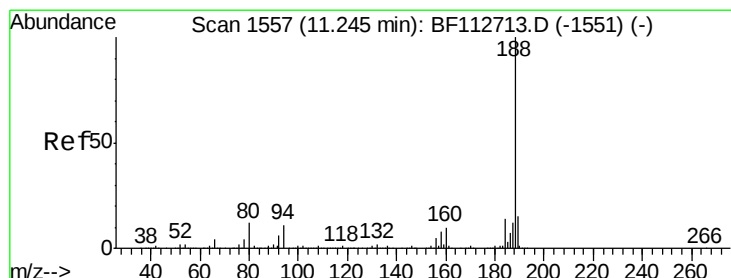
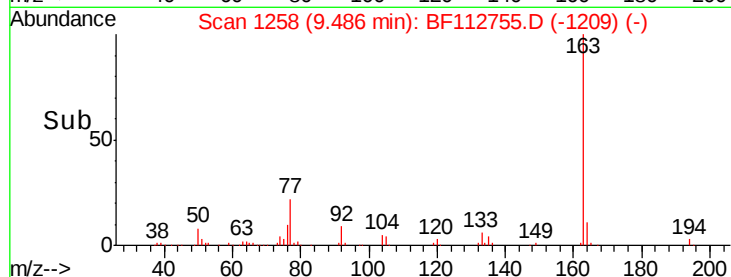
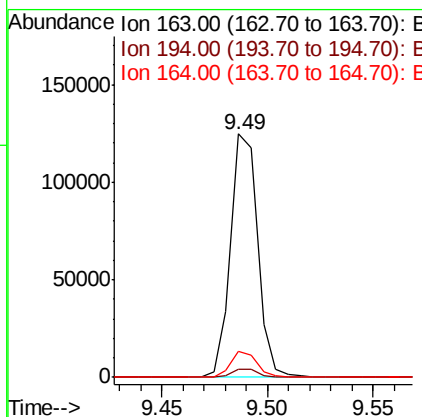
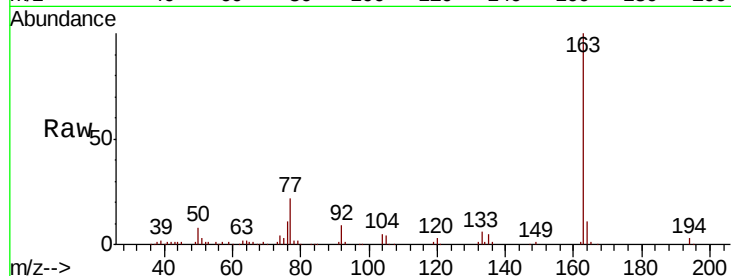
#50
Dimethylphthalate
Concen: 5.720 ng
RT: 9.49 min Scan# 1258
Delta R.T. -0.01 min
Lab File: BF112755.D
Acq: 28 Feb 2019 11:59

Instrument :
BNA_F
ClientSampleId :
SB-03-(0-2)

Tot Ion	Ratio	Resp	Lower	Upper
163	100	110240		
194	3.5		3.0	4.4
164	10.6		8.4	12.6

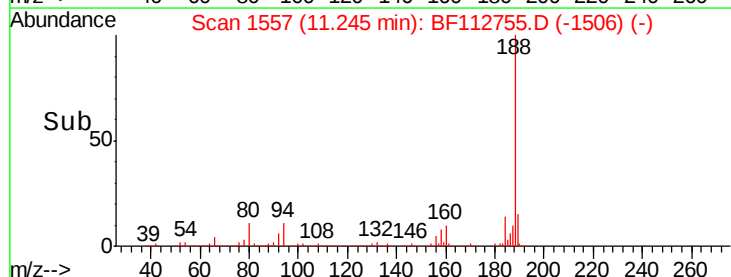
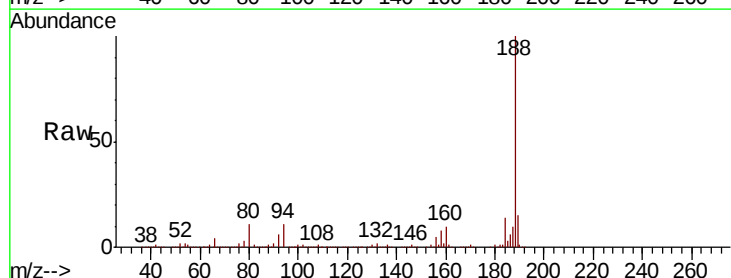
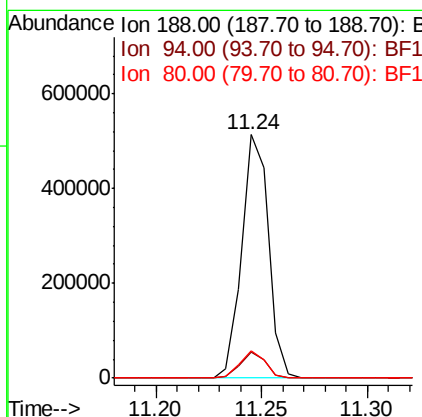
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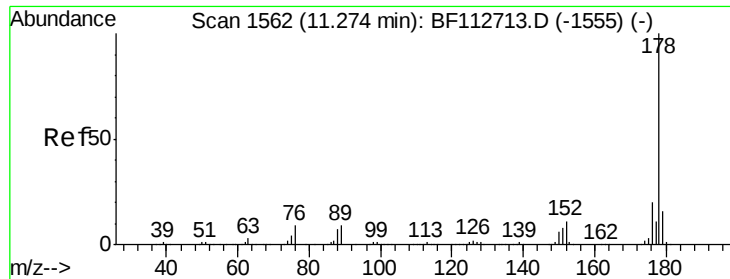
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1557
Delta R.T. -0.00 min
Lab File: BF112755.D
Acq: 28 Feb 2019 11:59

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	449851		
94	10.7		9.0	13.4
80	11.3		9.2	13.8





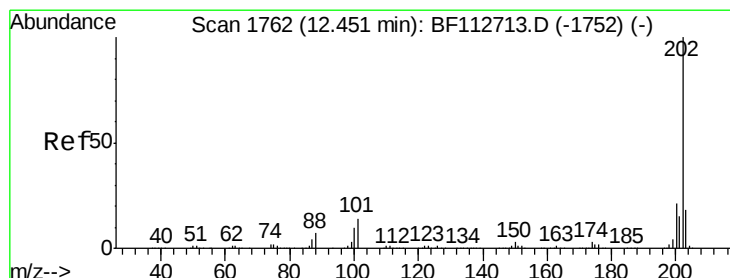
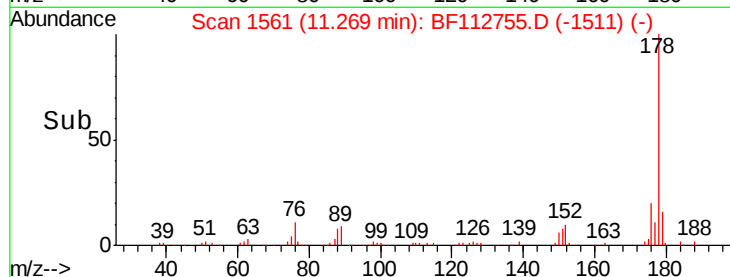
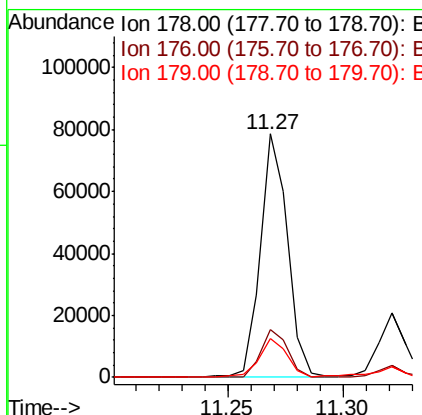
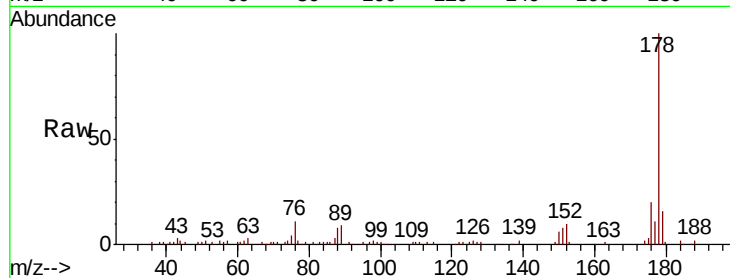
#71
Phenanthrene
Concen: 2.896 ng
RT: 11.27 min Scan# 1561
Delta R.T. -0.01 min
Lab File: BF112755.D
Acq: 28 Feb 2019 11:59

Instrument :
BNA_F
ClientSampled :
SB-03-(0-2)

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.7	16.3	24.5
179	15.7	12.7	19.1

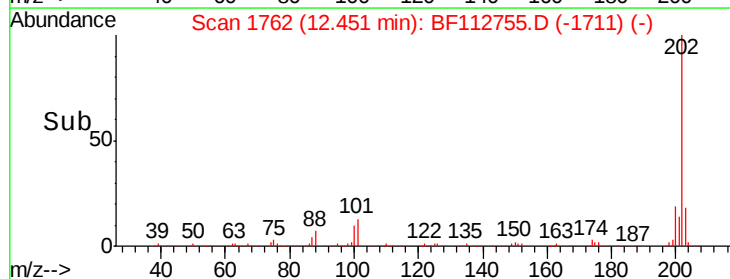
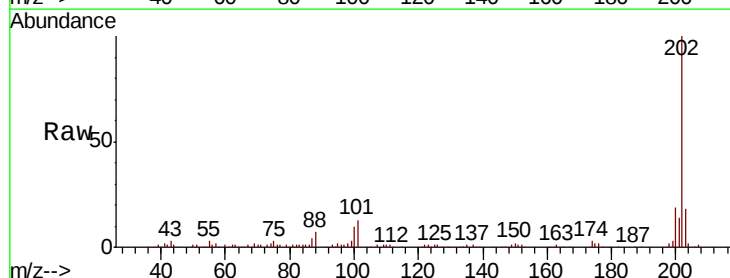
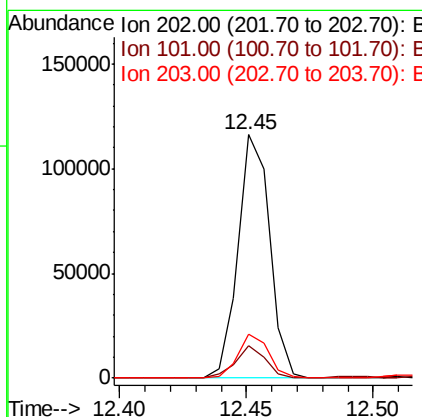
Manual Integrations
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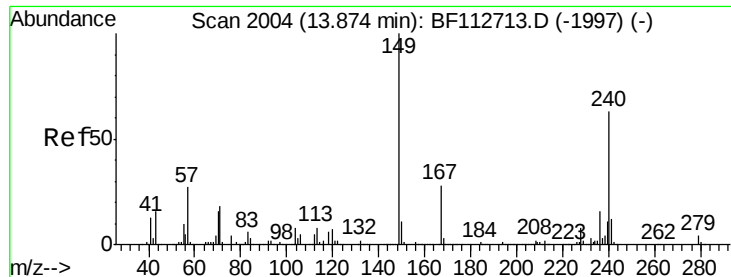
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#75
Fluoranthene
Concen: 4.192 ng
RT: 12.45 min Scan# 1762
Delta R.T. -0.00 min
Lab File: BF112755.D
Acq: 28 Feb 2019 11:59

Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.5	0.0	33.8
203	18.0	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: BF112755.D

Acq: 28 Feb 2019 11:59

Instrument :

BNA_F

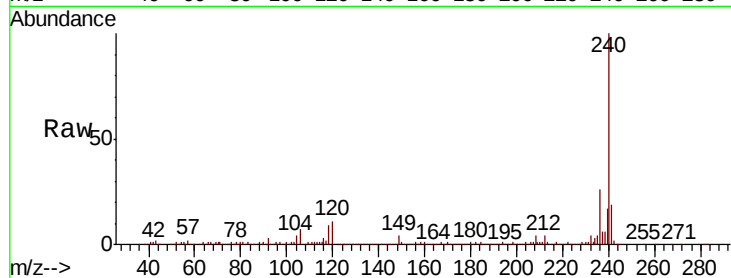
ClientSampled :

SB-03-(0-2)

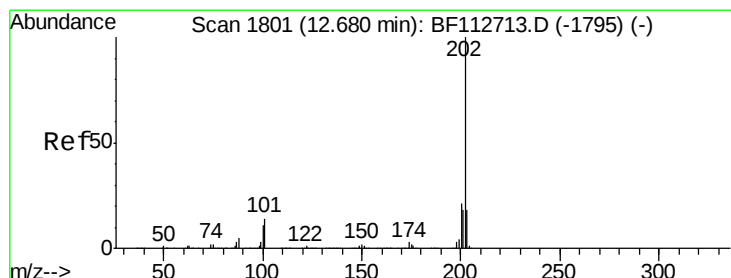
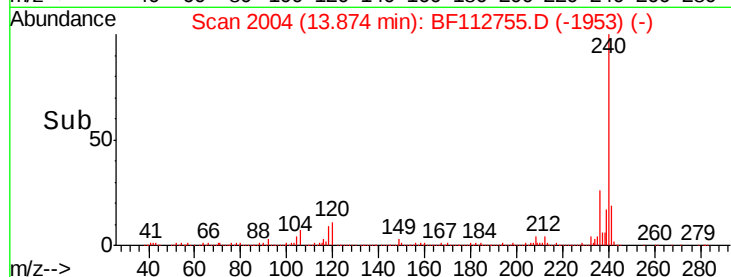
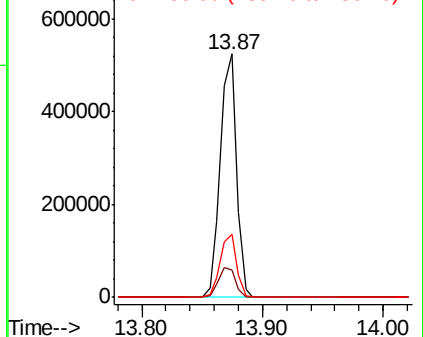
Tot Ion:	240	Resp:	483787
Ion Ratio	Lower	Upper	
240	100		
120	11.0	8.9	13.3
236	25.9	20.7	31.1

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: 2.228 ng

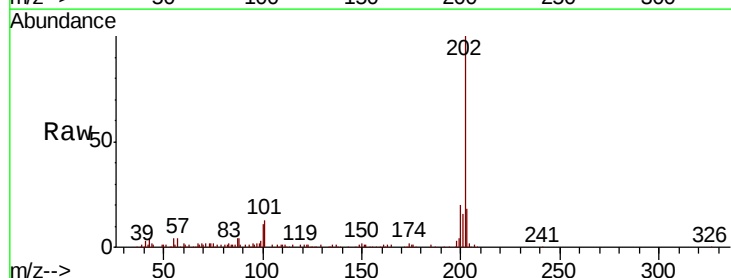
RT: 12.68 min Scan# 1801

Delta R.T. -0.00 min

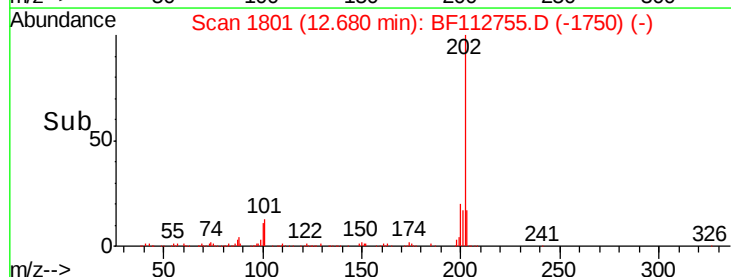
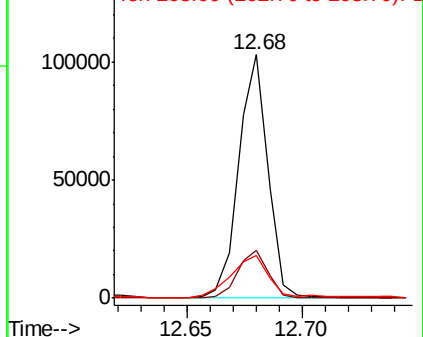
Lab File: BF112755.D

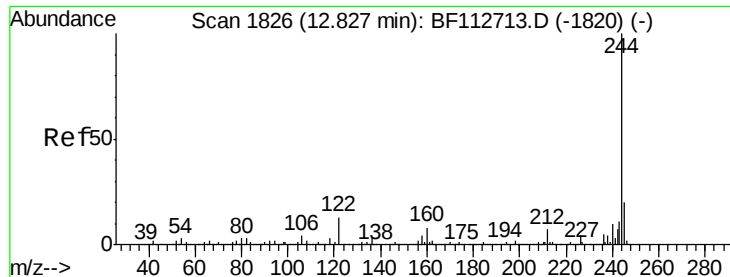
Acq: 28 Feb 2019 11:59

Tgt Ion:	202	Resp:	90863
Ion Ratio	Lower	Upper	
202	100		
200	19.6	17.0	25.4
203	17.7	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





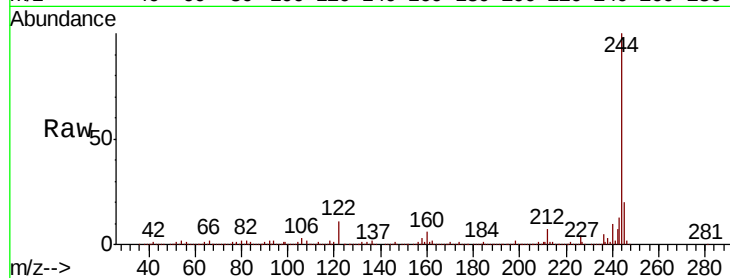
#79
 Terphenyl-d14
 Concen: 49.777 ng
 RT: 12.83 min Scan# 1827
 Delta R.T. 0.01 min
 Lab File: BF112755.D
 Acq: 28 Feb 2019 11:59

Instrument :
 BNA_F
 ClientSampleId :
 SB-03-(0-2)

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.6	8.4
122	10.5	10.5	15.7

Manual Integrations
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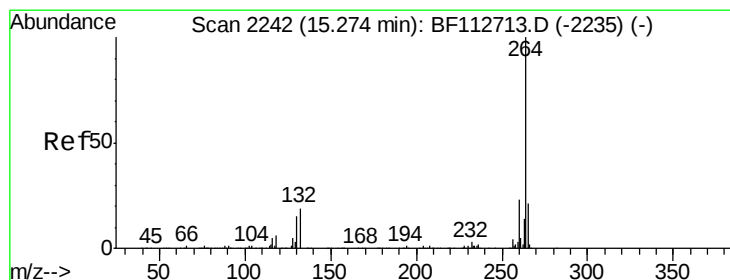
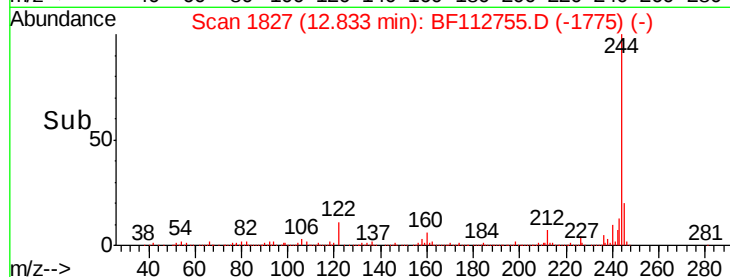
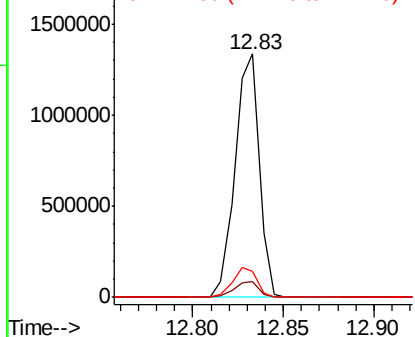


Abundance

Ion 244.00 (243.70 to 244.70): E

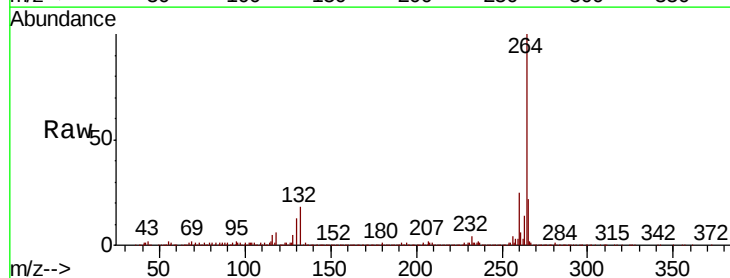
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.29 min Scan# 2244
 Delta R.T. 0.01 min
 Lab File: BF112755.D
 Acq: 28 Feb 2019 11:59

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.6	18.7	28.1
265	21.6	17.2	25.8

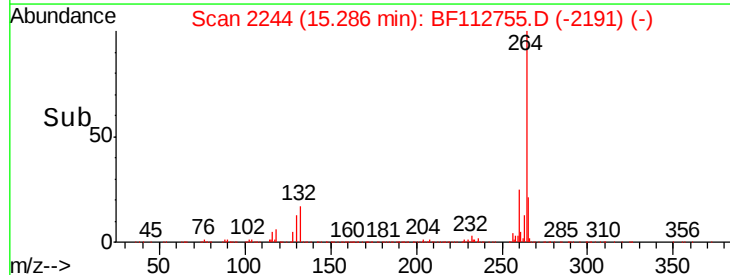
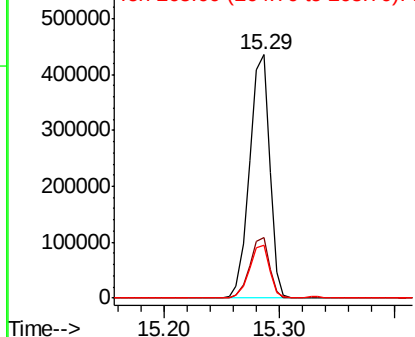


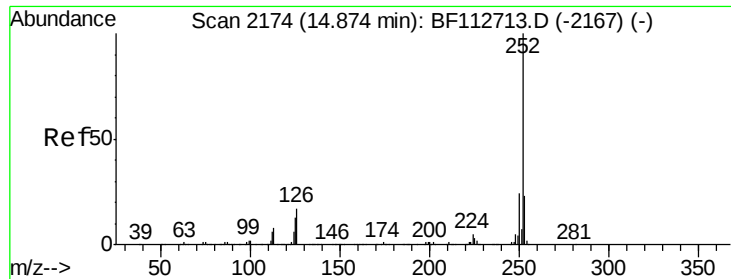
Abundance

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: 2.159 ng/ml
 RT: 14.88 min Scan# 2175
 Delta R.T. 0.01 min
 Lab File: BF112755.D
 Acq: 28 Feb 2019 11:59

Instrument :
 BNA_F
 ClientSampleId :
 SB-03-(0-2)

Tot Ion:	252	Resp:	73924
Ion Ratio	Lower	Upper	
252	100		
253	24.0	18.0	27.0
125	14.9	10.2	15.2

Manual Integrations
 APPROVED

Sohil
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