

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030119\
 Data File : BF112807.D
 Acq On : 1 Mar 2019 18:38
 Operator : JU/SJ
 Sample : K1675-01
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 Z-3-11-A

Manual Integrations
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Sohil
 3/4/2019 4:55:32 PM

Quant Time: Mar 01 23:33:04 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	6.75	152	192353	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	727721	20.00	ng	0.00
39) Acenaphthene-d10	9.77	164	320864	20.00	ng	0.00
64) Phenanthrene-d10	11.25	188	568371	20.00	ng	0.00
76) Chrysene-d12	13.87	240	497038	20.00	ng	0.00
87) Perylene-d12	15.29	264	411410	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	948789	76.73	ng	0.01
7) Phenol-d6	6.37	99	1222904	78.73	ng	0.00
23) Nitrobenzene-d5	7.30	82	730513	60.07	ng	0.00
42) 2,4,6-Tribromophenol	10.56	330	311299	91.39	ng	0.00
45) 2-Fluorobiphenyl	9.10	172	1328150	64.32	ng	0.00
79) Terphenyl-d14	12.83	244	1240392	48.38	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.49	163	96227	4.067	ng	99
71) Phenanthrene	11.27	178	96441	3.410	ng	97
75) Fluoranthene	12.46	202	148238	4.893	ng	96
78) Pyrene	12.68	202	126034	3.008	ng	97
88) Benzo(b)fluoranthene	14.89	252	63819m	2.398	ng	

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

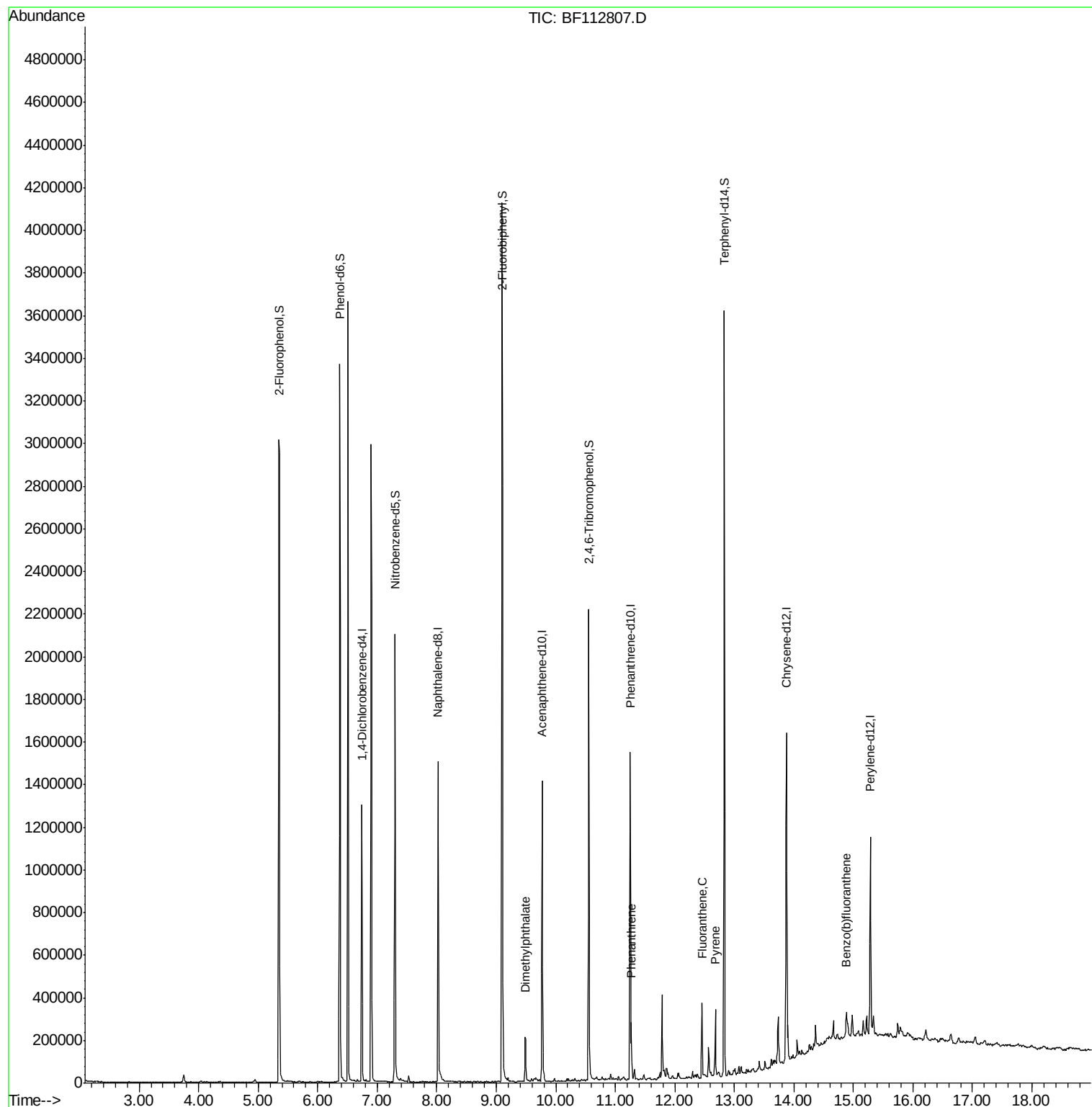
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030119\
Data File : BF112807.D
Acq On : 1 Mar 2019 18:38
Operator : JU/SJ
Sample : K1675-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

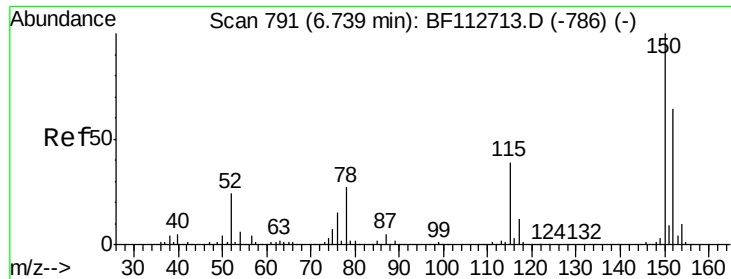
Instrument :
BNA_F
ClientSampleId :
Z-3-11-A

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Quant Time: Mar 01 23:33:04 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





#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.75 min Scan# 792
Delta R.T. 0.01 min
Lab File: BF112807.D
Acq: 1 Mar 2019 18:38

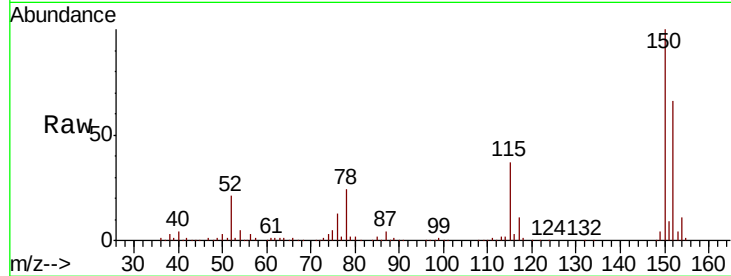
Instrument :
BNA_F
ClientSampled :
Z-3-11-A

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.2	124.2	186.2
115	57.0	48.2	72.4

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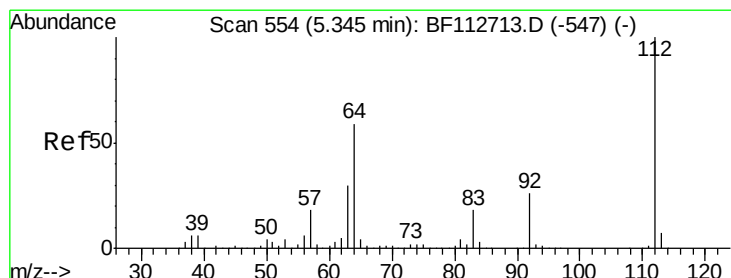
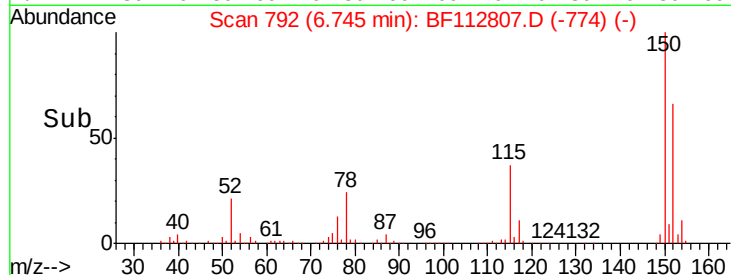
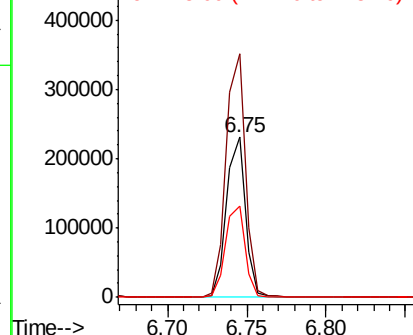


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

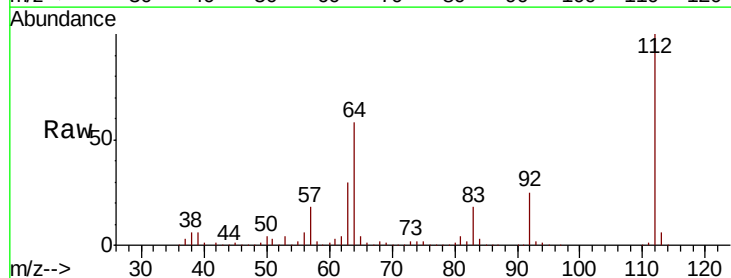
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 76.728 ng
RT: 5.36 min Scan# 556
Delta R.T. 0.01 min
Lab File: BF112807.D
Acq: 1 Mar 2019 18:38

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.7	47.6	71.4
63	29.7	24.4	36.6

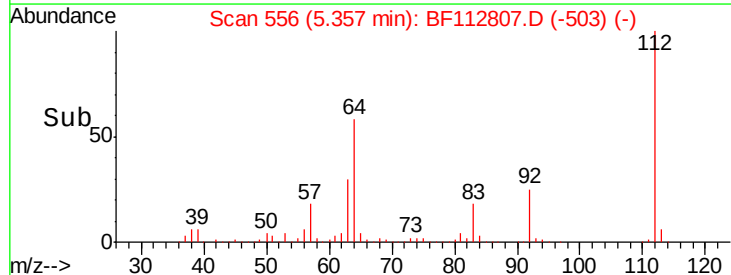
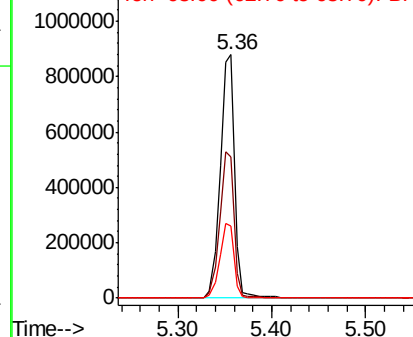


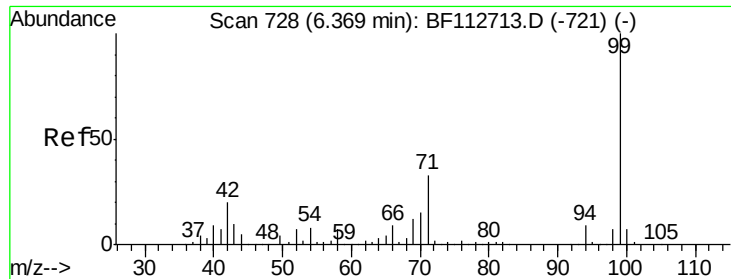
Abundance

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: 78.728 ng

RT: 6.37 min Scan# 729

Delta R.T. 0.01 min

Lab File: BF112807.D

Acq: 1 Mar 2019 18:38

Instrument :

BNA_F

ClientSampleId :

Z-3-11-A

Tot Ion: 99 Resp: 1222904

Ion Ratio Lower Upper

99 100

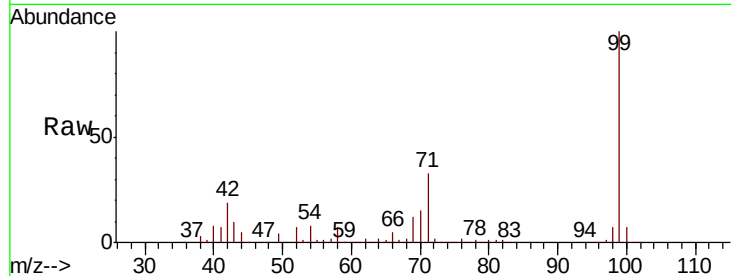
42 19.5 16.3 24.5

71 33.4 26.2 39.4

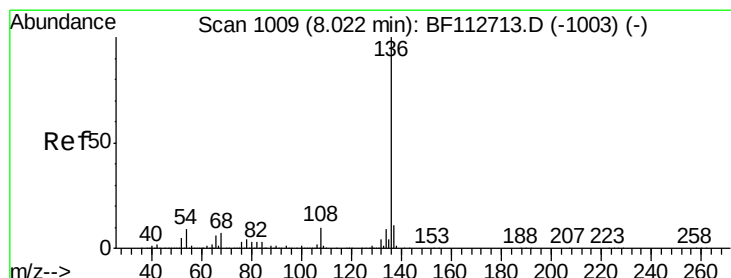
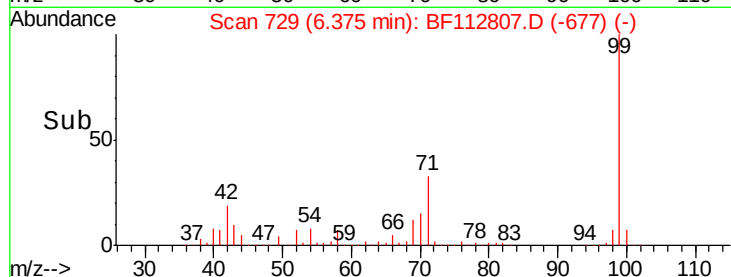
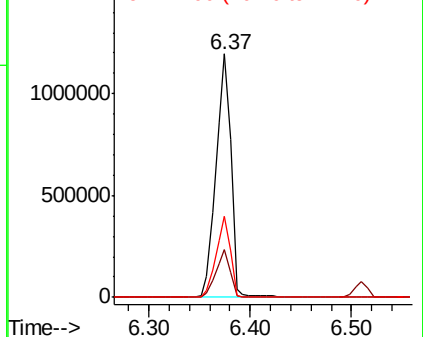
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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.02 min Scan# 1009

Delta R.T. -0.00 min

Lab File: BF112807.D

Acq: 1 Mar 2019 18:38

Tgt Ion: 136 Resp: 727721

Ion Ratio Lower Upper

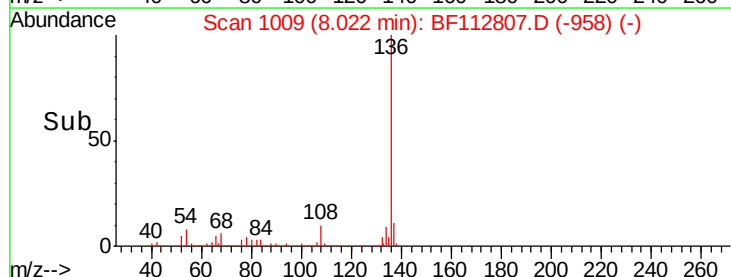
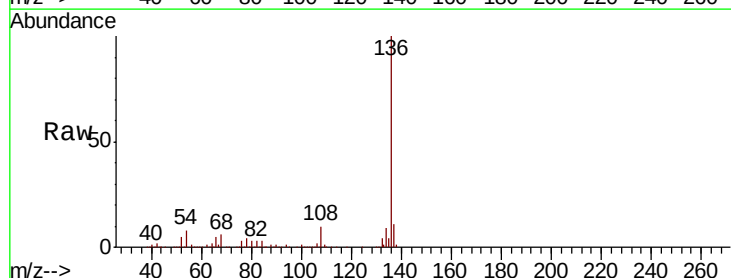
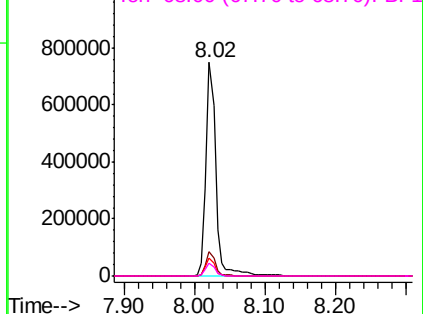
136 100

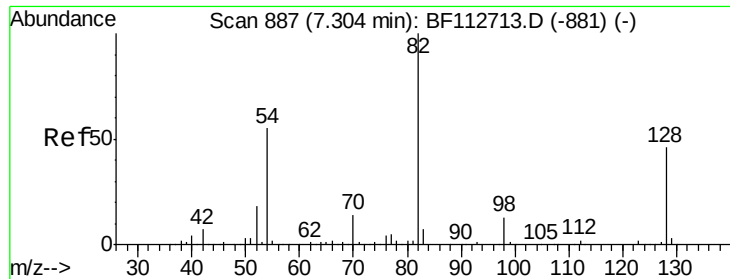
137 11.2 8.9 13.3

54 8.3 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





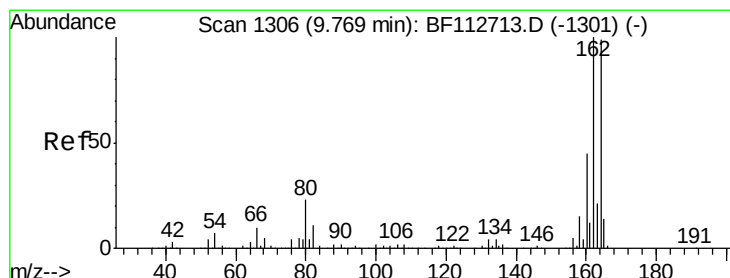
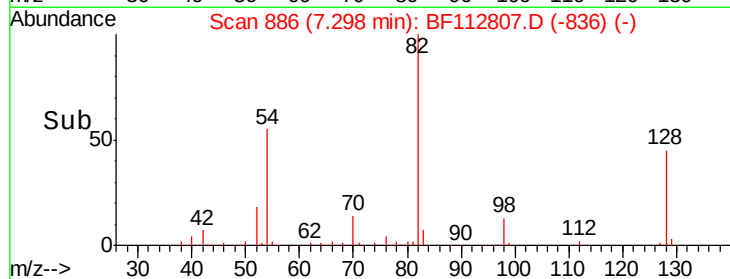
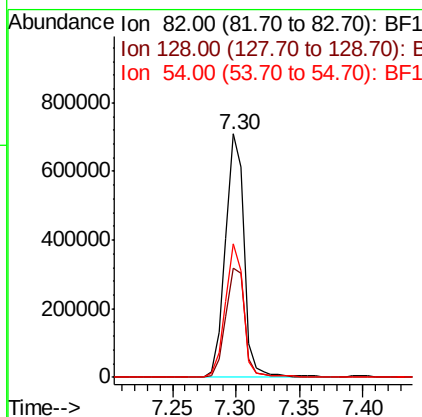
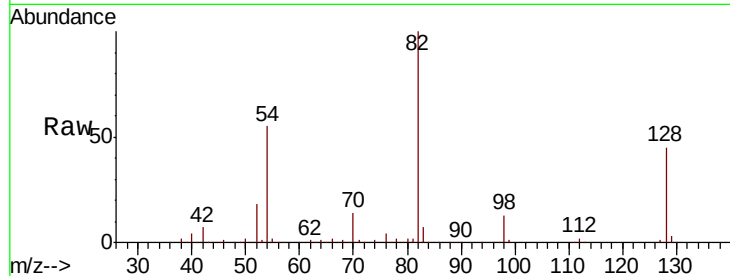
#23
Nitrobenzene-d5
Concen: 60.068 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.01 min
Lab File: BF112807.D
Acq: 1 Mar 2019 18:38

Instrument :
BNA_F
ClientSampled :
Z-3-11-A

Tot Ion	82	Resp	730513
Ion Ratio	100	Lower	Upper
128	44.8	36.3	54.5
54	54.9	43.7	65.5

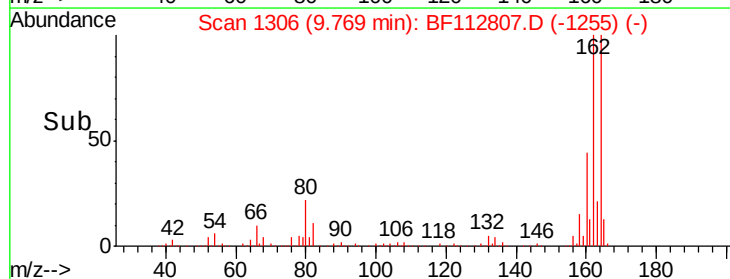
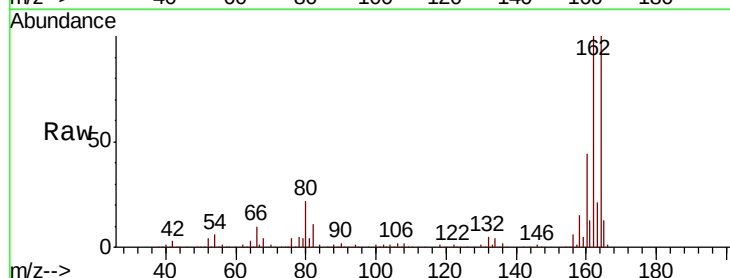
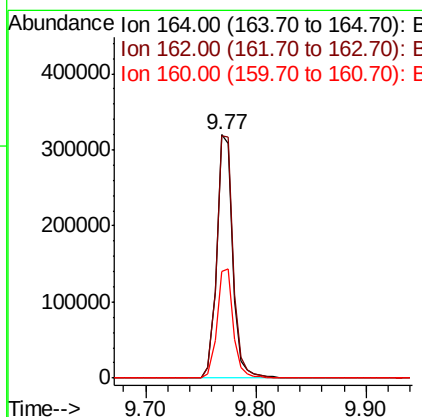
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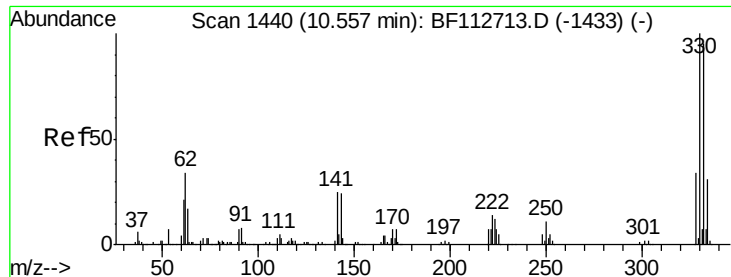
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.77 min Scan# 1306
Delta R.T. -0.00 min
Lab File: BF112807.D
Acq: 1 Mar 2019 18:38

Tgt Ion	164	Resp	320864
Ion Ratio <td>100</td> <td>Lower</td> <td>Upper</td>	100	Lower	Upper
162	99.6	80.6	120.8
160	43.8	36.0	54.0





#42

2,4,6-Tribromophenol

Concen: 91.387 ng

RT: 10.56 min Scan# 1440

Delta R.T. -0.00 min

Lab File: BF112807.D

Acq: 1 Mar 2019 18:38

Instrument :

BNA_F

ClientSampleId :

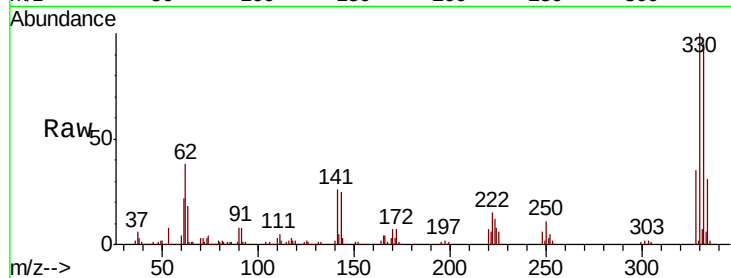
Z-3-11-A

Tot Ion:	330	Resp:	311299
Ion Ratio	Lower	Upper	
330	100		
332	95.6	76.2	114.4
141	29.3	27.0	40.6

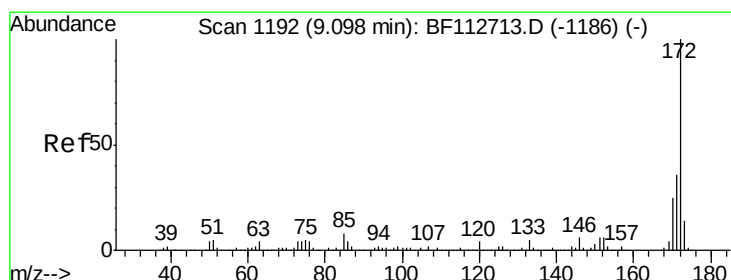
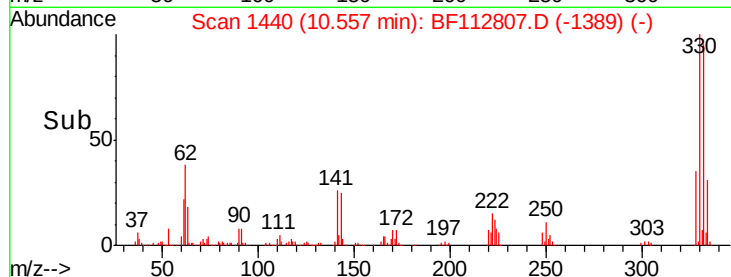
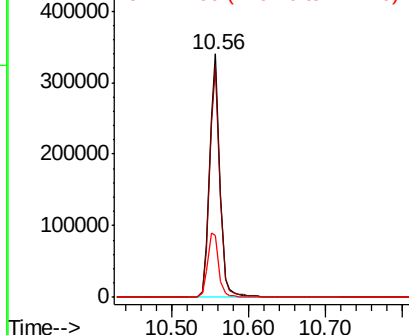
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Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E



#45

2-Fluorobiphenyl

Concen: 64.320 ng

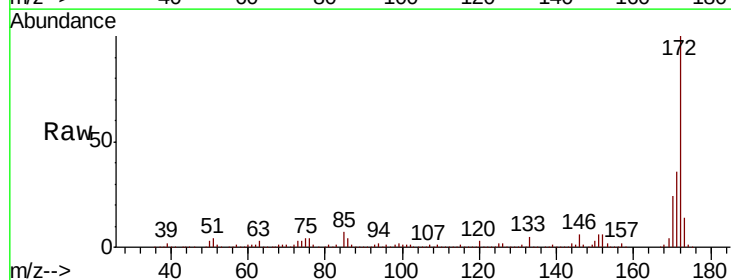
RT: 9.10 min Scan# 1192

Delta R.T. 0.00 min

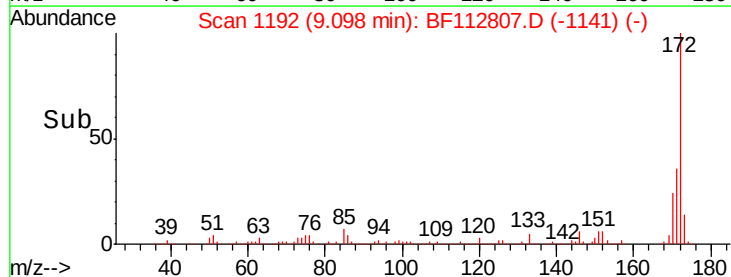
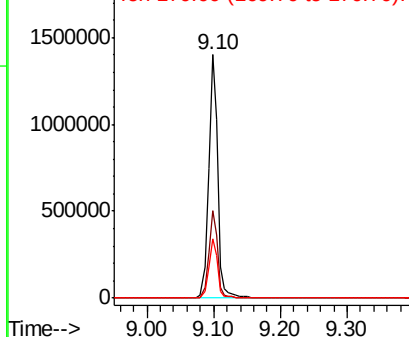
Lab File: BF112807.D

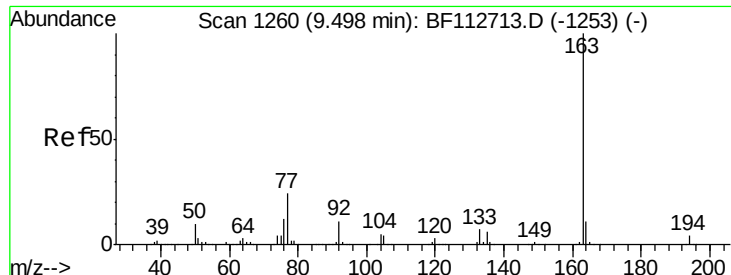
Acq: 1 Mar 2019 18:38

Tgt Ion:	172	Resp:	1328150
Ion Ratio	Lower	Upper	
172	100		
171	36.1	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





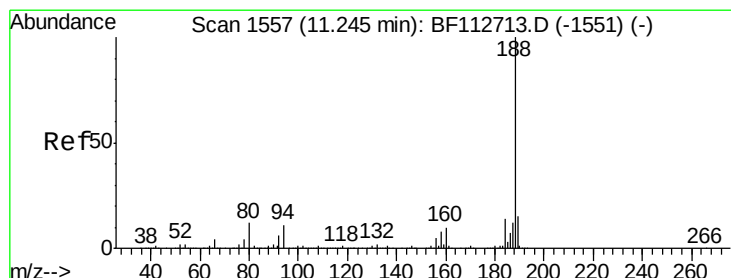
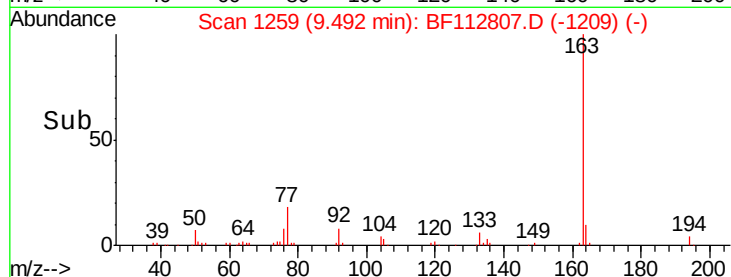
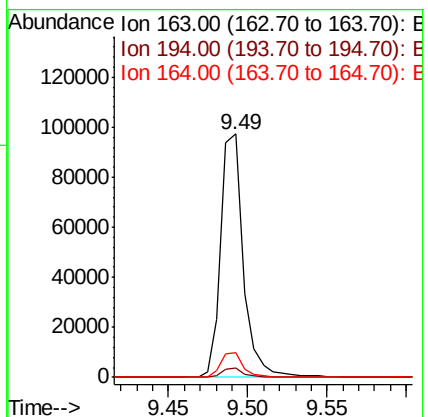
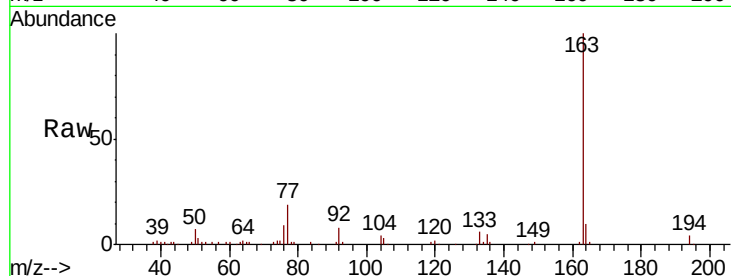
#50
Dimethylphthalate
Concen: 4.067 ng
RT: 9.49 min Scan# 1259
Delta R.T. -0.01 min
Lab File: BF112807.D
Acq: 1 Mar 2019 18:38

Instrument :
BNA_F
ClientSampleId :
Z-3-11-A

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.0	4.4
164	10.0	8.4	12.6

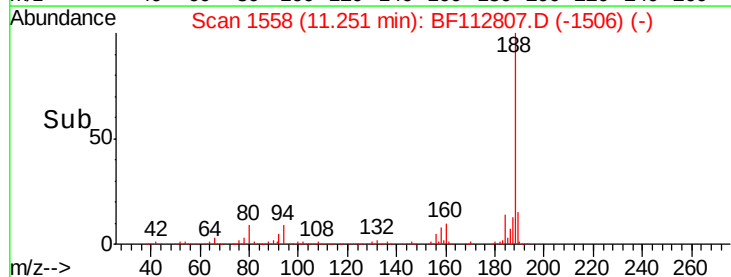
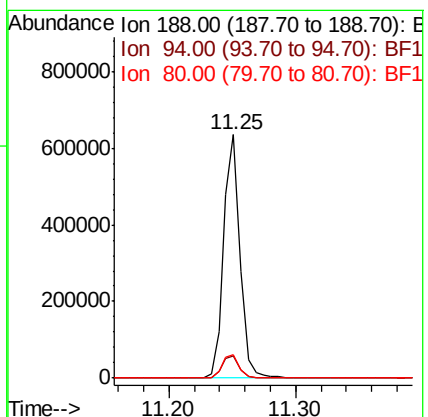
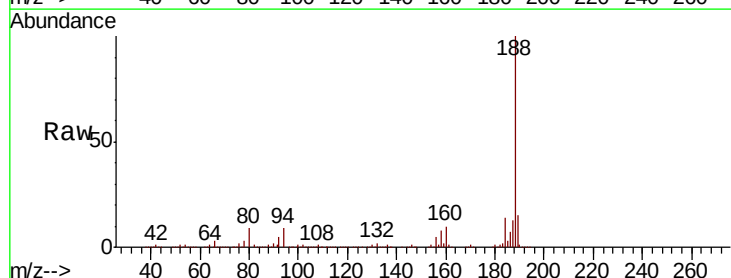
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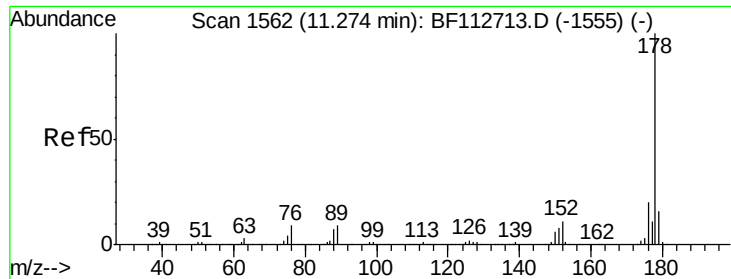
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1558
Delta R.T. 0.01 min
Lab File: BF112807.D
Acq: 1 Mar 2019 18:38

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.3	9.0	13.4
80	9.4	9.2	13.8





#71

Phenanthrene

Concen: 3.410 ng

RT: 11.27 min Scan# 1562

Delta R.T. -0.00 min

Lab File: BF112807.D

Acq: 1 Mar 2019 18:38

Instrument :

BNA_F

ClientSampled :

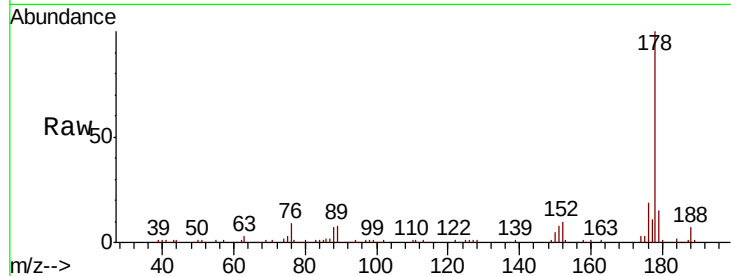
Z-3-11-A

Tot Ion:	178	Resp:	96441
Ion Ratio	Lower	Upper	
178	100		
176	18.7	16.3	24.5
179	14.7	12.7	19.1

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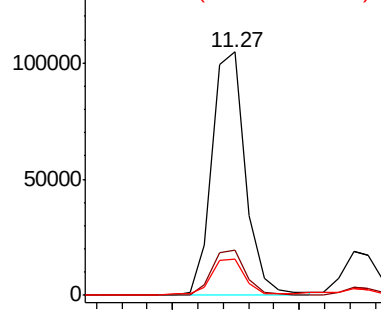
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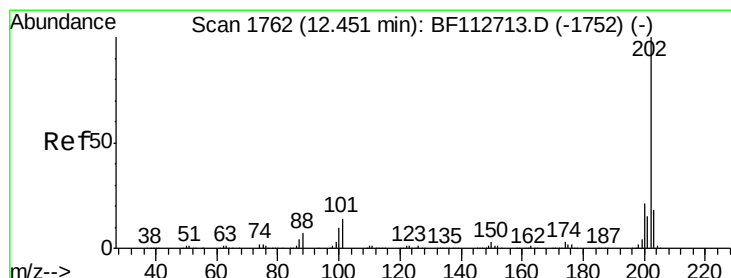
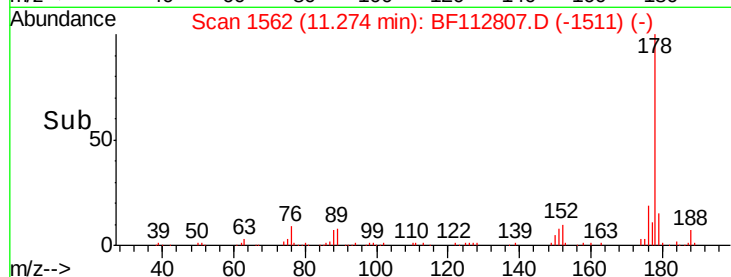
Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



Time-->



#75

Fluoranthene

Concen: 4.893 ng

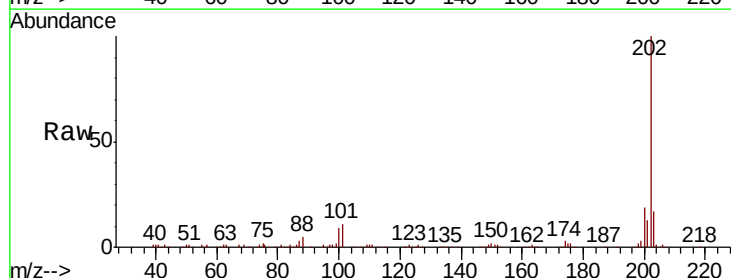
RT: 12.46 min Scan# 1763

Delta R.T. 0.01 min

Lab File: BF112807.D

Acq: 1 Mar 2019 18:38

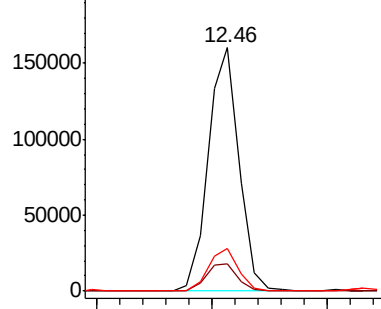
Tgt Ion:	202	Resp:	148238
Ion Ratio	Lower	Upper	
202	100		
101	11.1	0.0	33.8
203	17.4	0.0	38.4



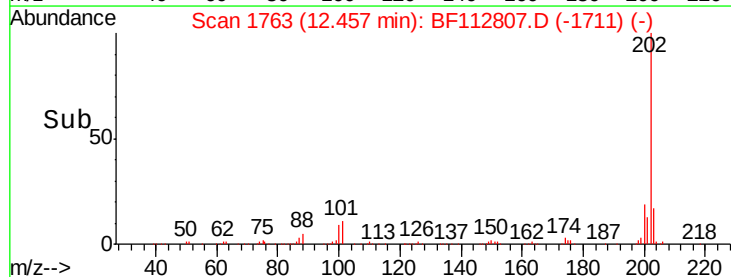
Abundance Ion 202.00 (201.70 to 202.70): E

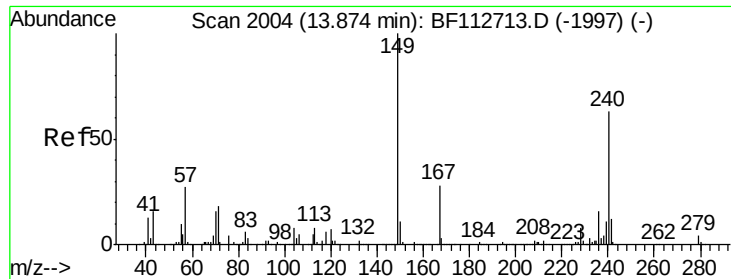
Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



Time-->





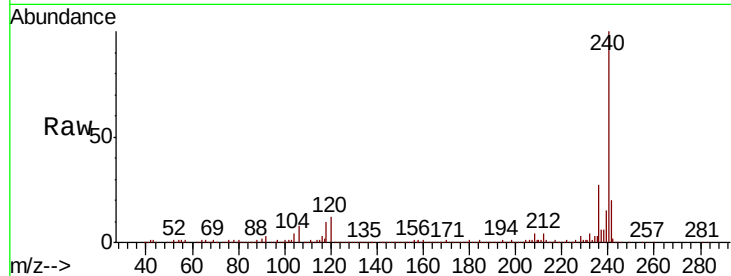
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.87 min Scan# 2004
Delta R.T. -0.00 min
Lab File: BF112807.D
Acq: 1 Mar 2019 18:38

Instrument :
BNA_F
ClientSampleId :
Z-3-11-A

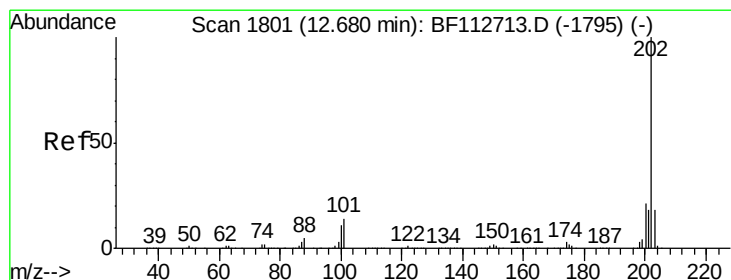
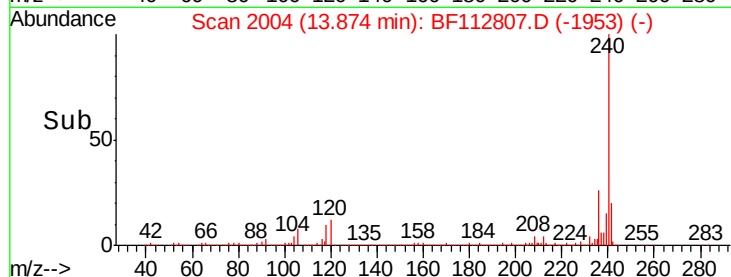
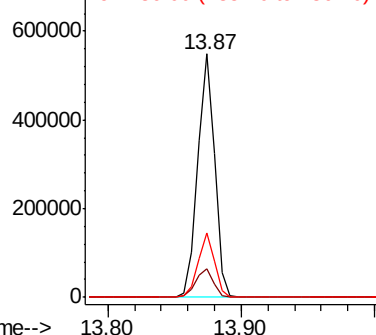
Tot Ion	Ratio	Resp	Lower	Upper
240	100	497038		
120	11.8	8.9	13.3	
236	26.5	20.7	31.1	

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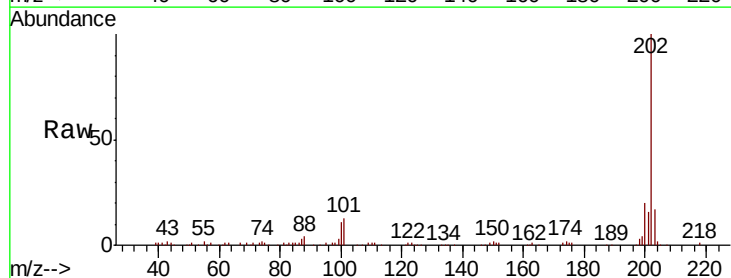


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

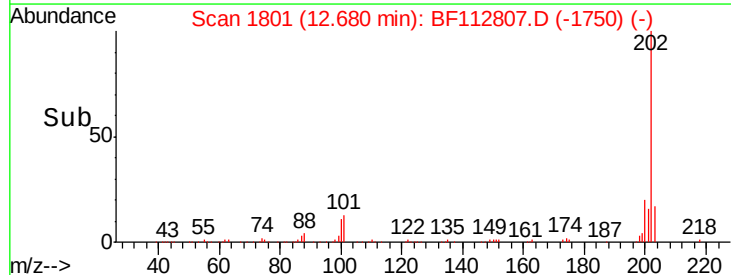
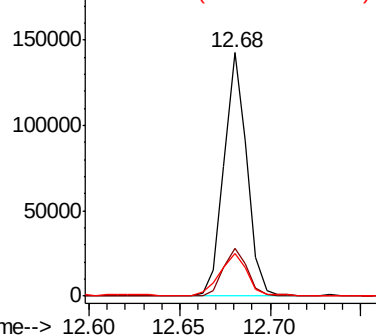


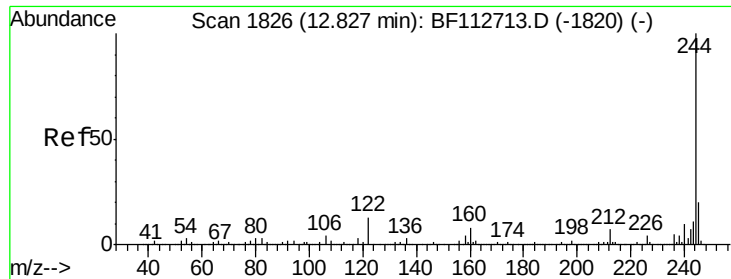
#78
Pyrene
Concen: 3.008 ng
RT: 12.68 min Scan# 1801
Delta R.T. -0.00 min
Lab File: BF112807.D
Acq: 1 Mar 2019 18:38

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	126034		
200	19.6	17.0	25.4	
203	17.3	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: 48.377 ng
 RT: 12.83 min Scan# 1827
 Delta R.T. 0.01 min
 Lab File: BF112807.D
 Acq: 1 Mar 2019 18:38

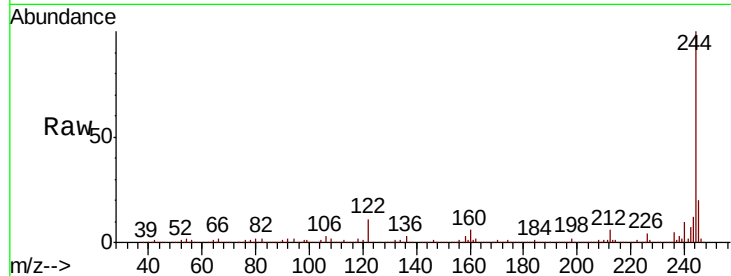
Instrument :
 BNA_F
 ClientSampleId :
 Z-3-11-A

Tot Ion	Ion	Ratio	Lower	Upper
244	100			
212	6.5	5.6	8.4	
122	10.9	10.5	15.7	

Manual Integrations
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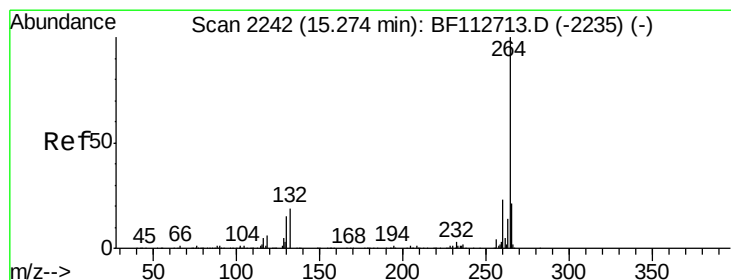
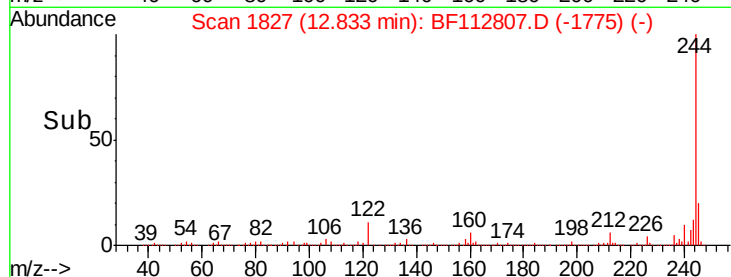
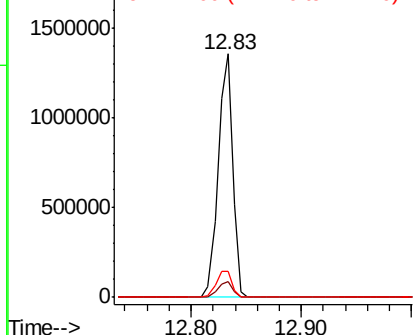


Abundance

Ion 244.00 (243.70 to 244.70): E

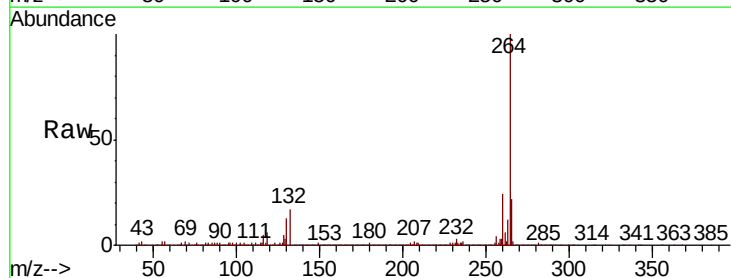
Ion 212.00 (211.70 to 212.70): E

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: BF112807.D
 Acq: 1 Mar 2019 18:38

Tgt Ion	Ion	Ratio	Lower	Upper
264	100			
260	23.9	18.7	28.1	
265	21.6	17.2	25.8	

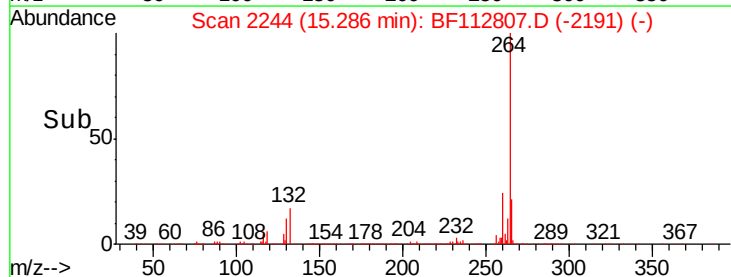
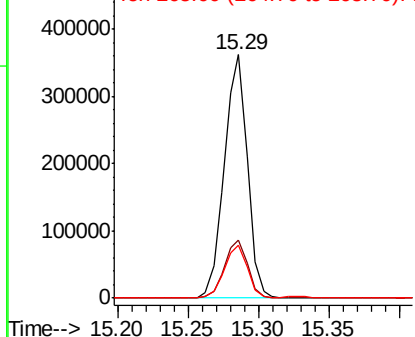


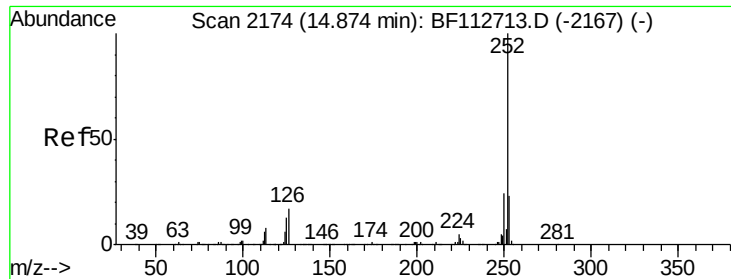
Abundance

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: 2.398 ng/ml
 RT: 14.89 min Scan# 2176
 Delta R.T. 0.01 min
 Lab File: BF112807.D
 Acq: 1 Mar 2019 18:38

Instrument :
 BNA_F
 ClientSampleId :
 Z-3-11-A

Tot Ion:	252	Resp:	63819
Ion Ratio	Lower	Upper	
252	100		
253	23.7	18.0	27.0
125	13.5	10.2	15.2

Manual Integrations
 APPROVED

Sohil

3/4/2019 4:55:32 PM

