

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030119\
 Data File : BF112812.D
 Acq On : 1 Mar 2019 20:53
 Operator : JU/SJ
 Sample : K1675-37
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 Z-3-14-A

Manual Integrations
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 3/4/2019 4:55:37 PM

Quant Time: Mar 02 00:35:21 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	157604	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	542637	20.00	ng	0.00
39) Acenaphthene-d10	9.77	164	218483	20.00	ng	0.00
64) Phenanthrene-d10	11.25	188	416121	20.00	ng	0.00
76) Chrysene-d12	13.87	240	445215	20.00	ng	0.00
87) Perylene-d12	15.29	264	337631	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	875210	86.38	ng	0.01
7) Phenol-d6	6.37	99	1085471	85.29	ng	0.00
23) Nitrobenzene-d5	7.30	82	628207	69.27	ng	0.00
42) 2,4,6-Tribromophenol	10.56	330	250121	107.84	ng	0.00
45) 2-Fluorobiphenyl	9.10	172	1047586	77.65	ng	0.00
79) Terphenyl-d14	12.83	244	1128717	49.15	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.49	163	71149	4.416	ng	99
71) Phenanthrene	11.27	178	77934	3.764	ng	97
75) Fluoranthene	12.46	202	174926	7.886	ng	95
78) Pyrene	12.68	202	163324	4.352	ng	98
81) Benzo(a)anthracene	13.86	228	94468	3.062	ng	99
83) Chrysene	13.90	228	84230	2.787	ng	95
88) Benzo(b)fluoranthene	14.89	252	97460m	4.463	ng	
90) Benzo(a)pyrene	15.22	252	55576	2.877	ng	94

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

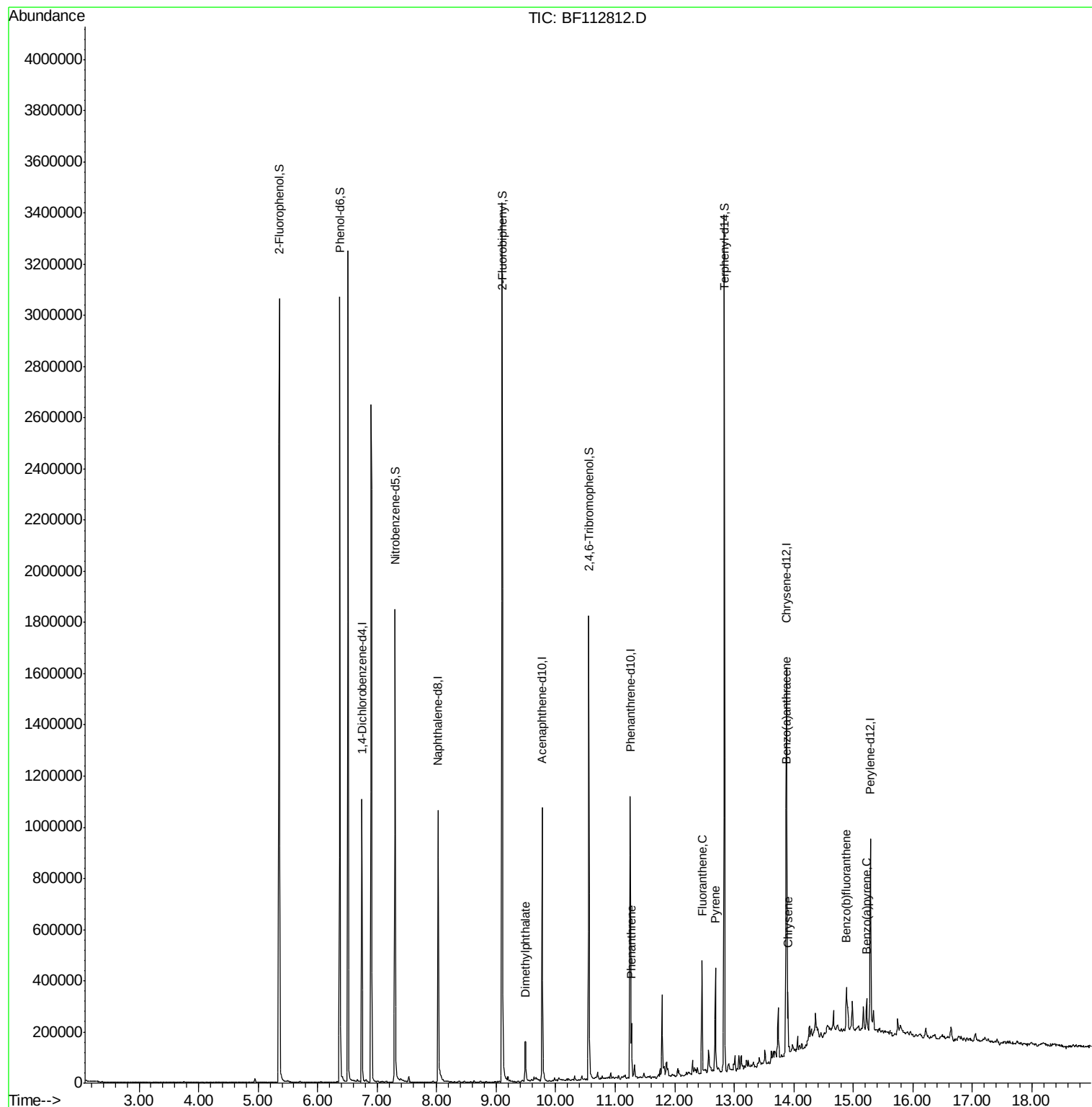
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030119\
Data File : BF112812.D
Acq On : 1 Mar 2019 20:53
Operator : JU/SJ
Sample : K1675-37
Misc :
ALS Vial : 23 Sample Multiplier: 1

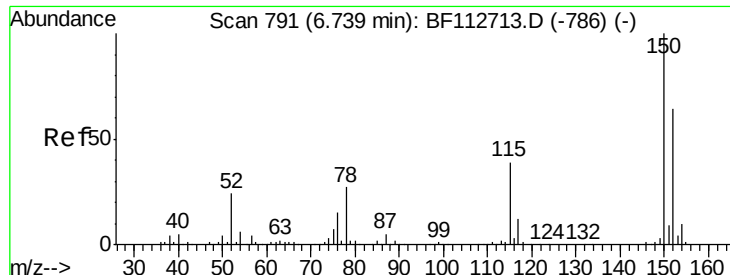
Instrument :
BNA_F
ClientSampleId :
Z-3-14-A

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Quant Time: Mar 02 00:35:21 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

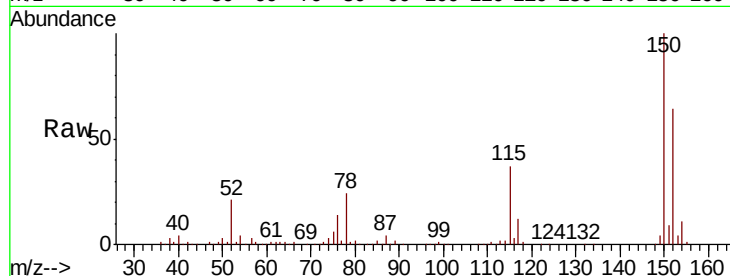
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.75 min Scan# 792
Delta R.T. 0.01 min
Lab File: BF112812.D
Acq: 1 Mar 2019 20:53

Instrument :
BNA_F
ClientSampleId :
Z-3-14-A

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.6	124.2	186.2
115	57.4	48.2	72.4

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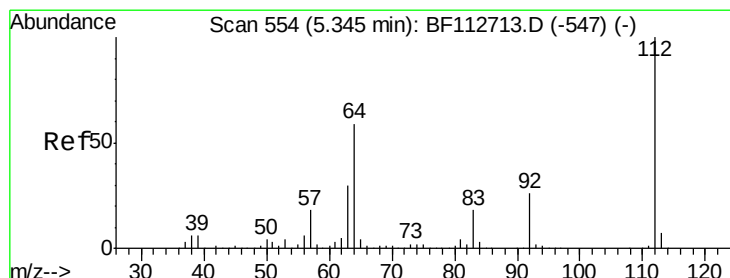
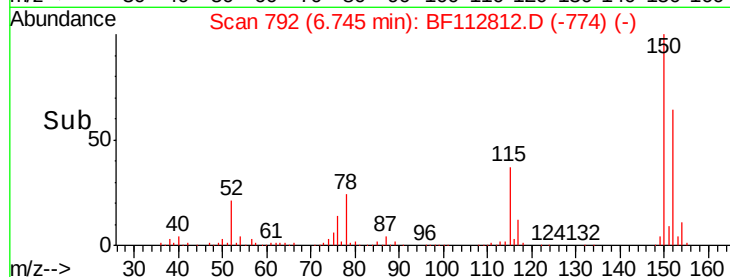
Abundance

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

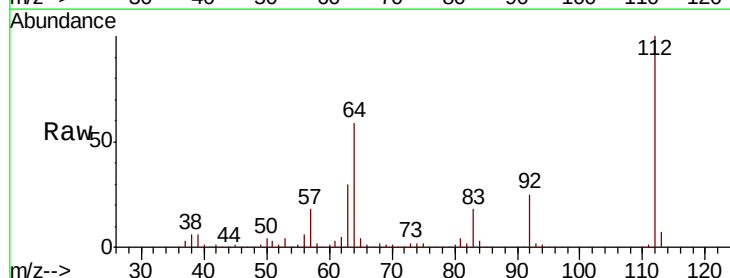
Time-->



#5

2-Fluorophenol
Concen: 86.383 ng
RT: 5.36 min Scan# 556
Delta R.T. 0.01 min
Lab File: BF112812.D
Acq: 1 Mar 2019 20:53

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.3	47.6	71.4
63	30.4	24.4	36.6



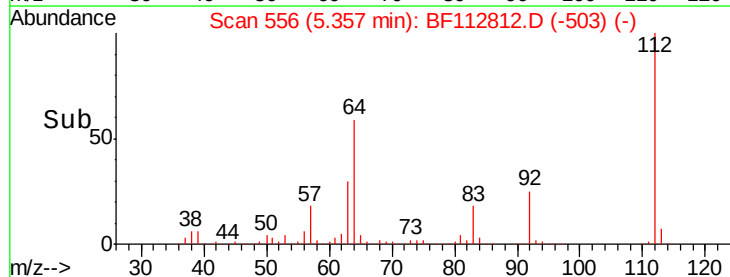
Abundance

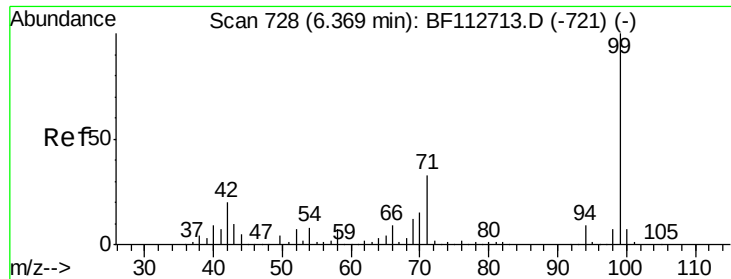
Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1

Time-->





#7

Phenol-d6

Concen: 85.288 ng

RT: 6.37 min Scan# 729

Delta R.T. 0.01 min

Lab File: BF112812.D

Acq: 1 Mar 2019 20:53

Instrument :

BNA_F

ClientSampled :

Z-3-14-A

Tot Ion: 99 Resp: 1085471

Ion Ratio Lower Upper

99 100

42 19.5 16.3 24.5

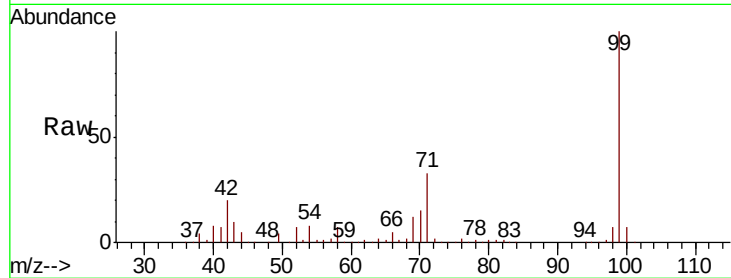
71 33.1 26.2 39.4

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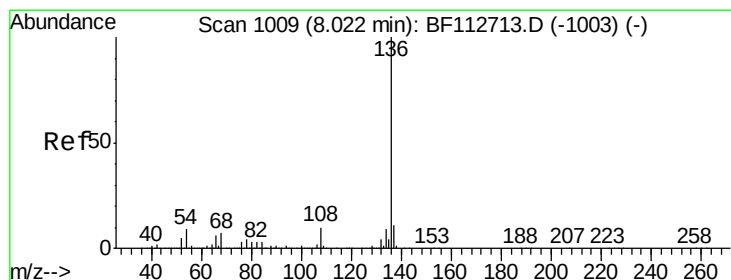
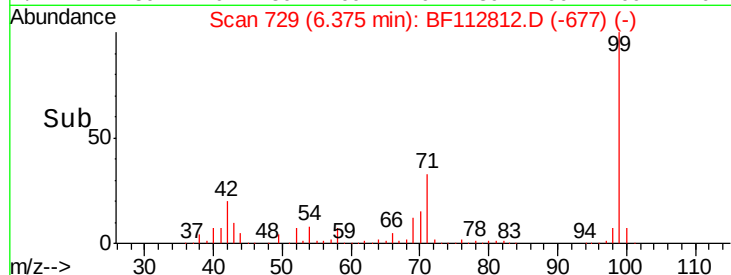
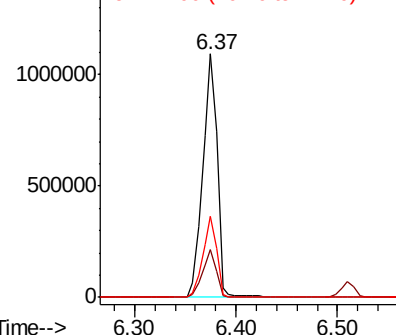
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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.02 min Scan# 1009

Delta R.T. 0.00 min

Lab File: BF112812.D

Acq: 1 Mar 2019 20:53

Tgt Ion: 136 Resp: 542637

Ion Ratio Lower Upper

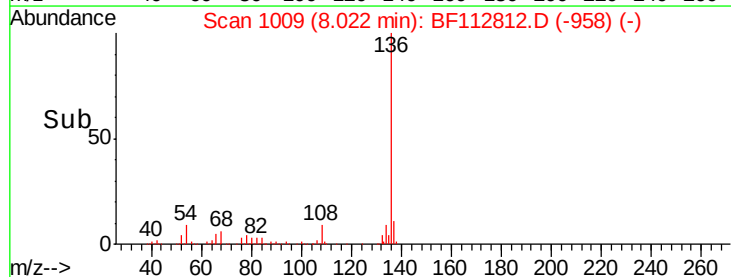
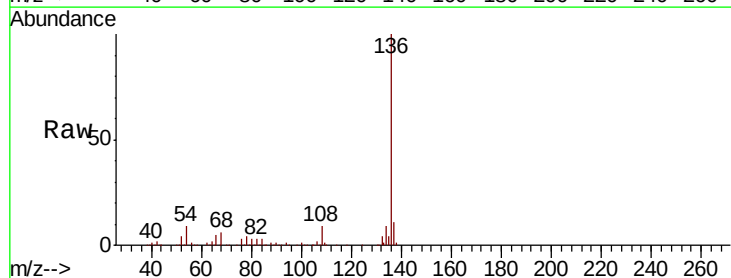
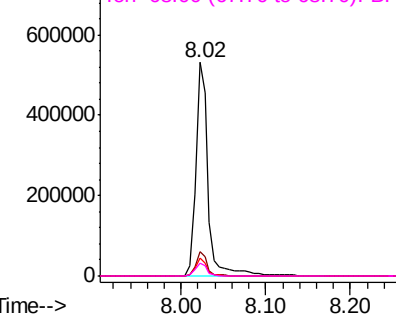
136 100

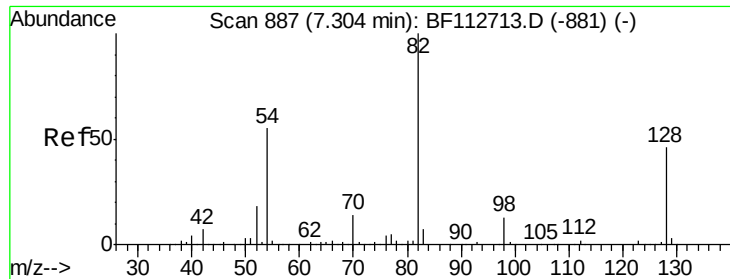
137 11.4 8.9 13.3

54 8.6 7.3 10.9

68 6.2 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





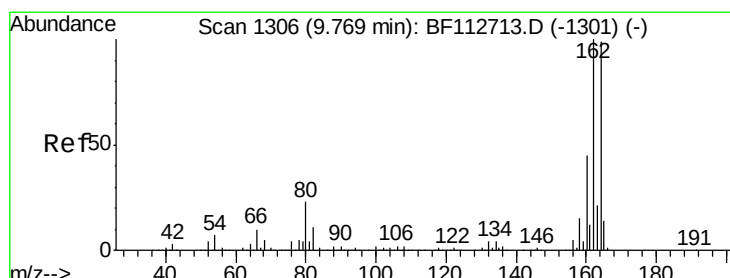
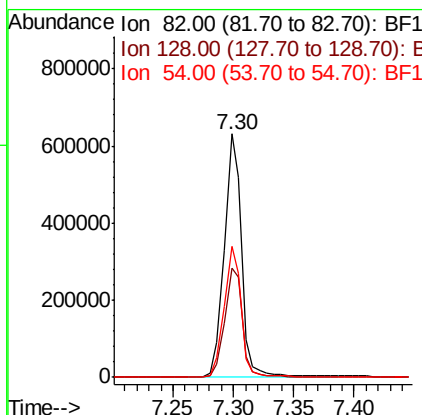
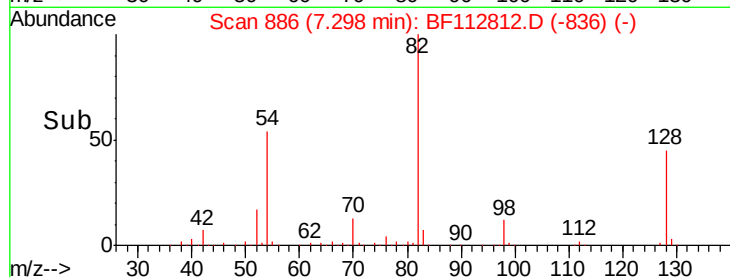
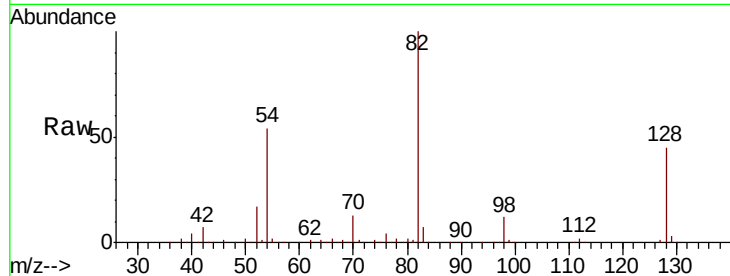
#23
Nitrobenzene-d5
Concen: 69.274 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.01 min
Lab File: BF112812.D
Acq: 1 Mar 2019 20:53

Instrument :
BNA_F
ClientSampleId :
Z-3-14-A

Tot Ion	Ratio	Lower	Upper
82	100		
128	44.8	36.3	54.5
54	53.8	43.7	65.5

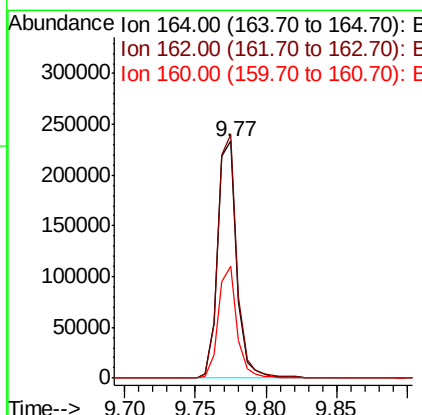
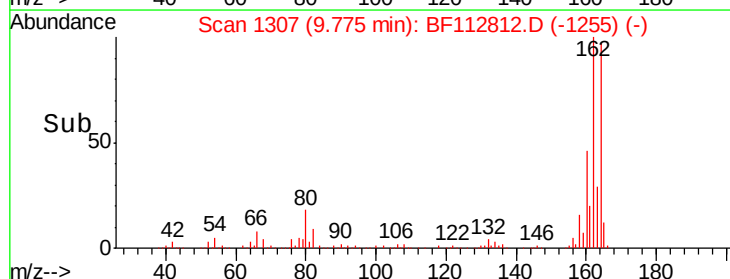
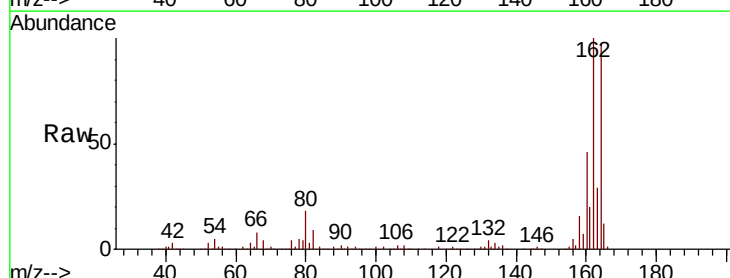
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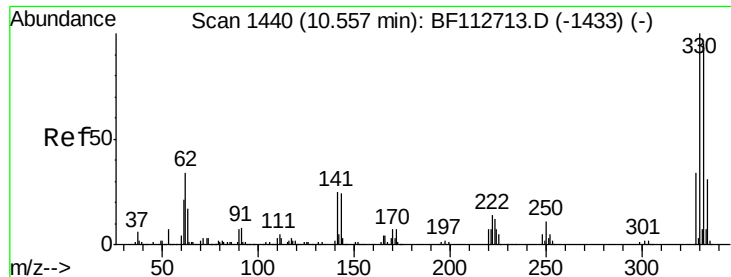
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.77 min Scan# 1307
Delta R.T. 0.01 min
Lab File: BF112812.D
Acq: 1 Mar 2019 20:53

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.7	80.6	120.8
160	47.3	36.0	54.0





#42

2,4,6-Tribromophenol

Concen: 107.835 ng

RT: 10.56 min Scan# 1440

Delta R.T. 0.00 min

Lab File: BF112812.D

Acq: 1 Mar 2019 20:53

Instrument :

BNA_F

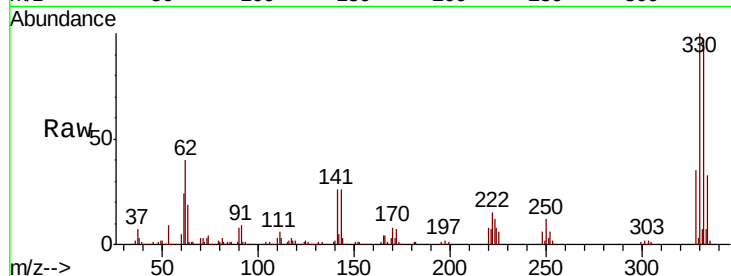
ClientSampled :

Z-3-14-A

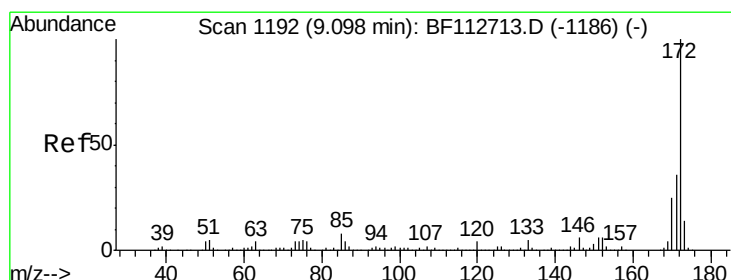
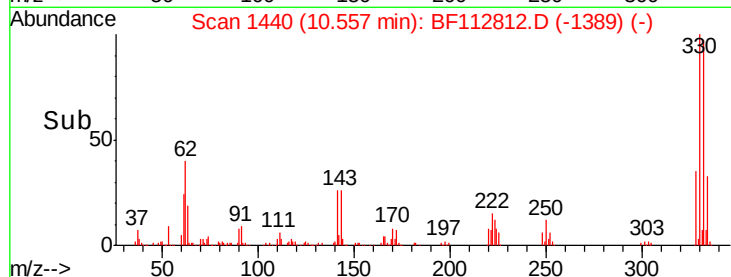
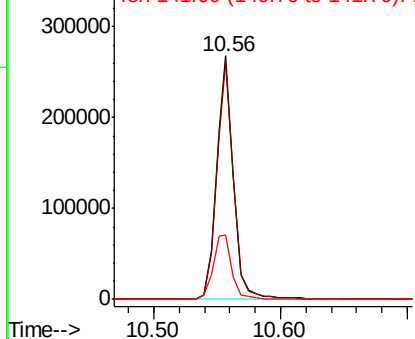
Tot Ion:	330	Resp:	250121
Ion Ratio	Lower	Upper	
330	100		
332	97.4	76.2	114.4
141	29.6	27.0	40.6

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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: 77.647 ng

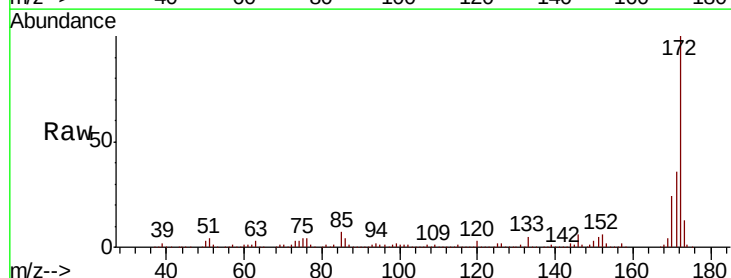
RT: 9.10 min Scan# 1192

Delta R.T. 0.00 min

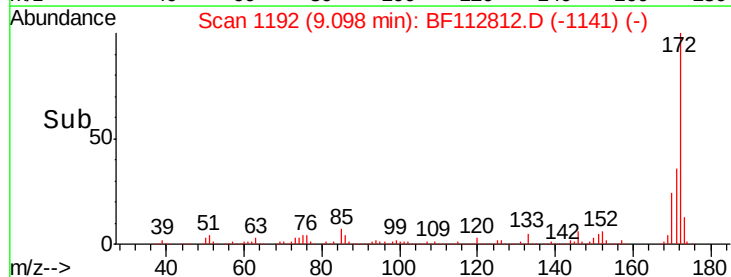
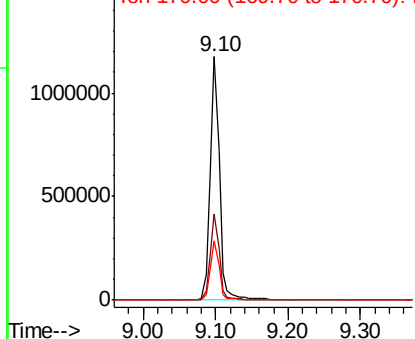
Lab File: BF112812.D

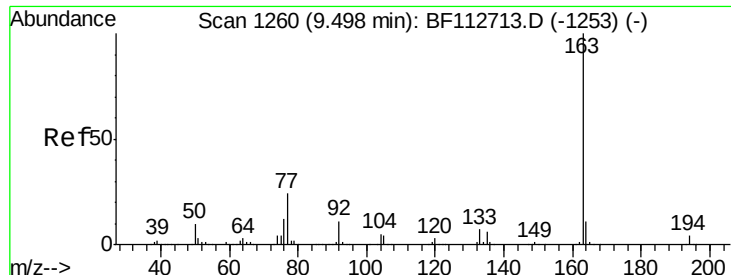
Acq: 1 Mar 2019 20:53

Tgt Ion:	172	Resp:	1047586
Ion Ratio	Lower	Upper	
172	100		
171	35.6	29.0	43.4
170	24.1	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





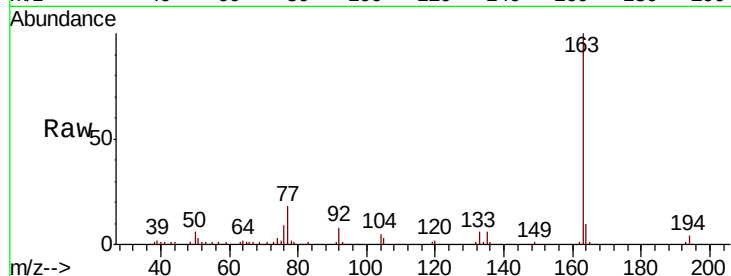
#50
Dimethylphthalate
Concen: 4.416 ng
RT: 9.49 min Scan# 1259
Delta R.T. -0.01 min
Lab File: BF112812.D
Acq: 1 Mar 2019 20:53

Instrument :
BNA_F
ClientSampled :
Z-3-14-A

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.0	4.4
164	9.9	8.4	12.6

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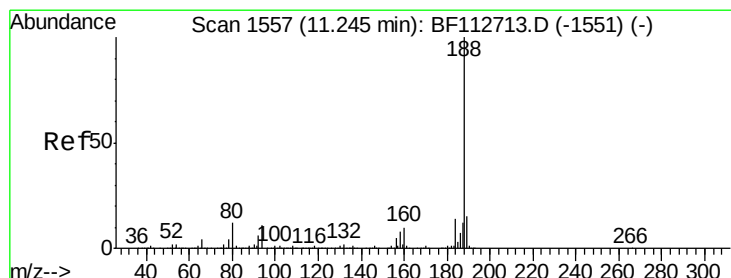
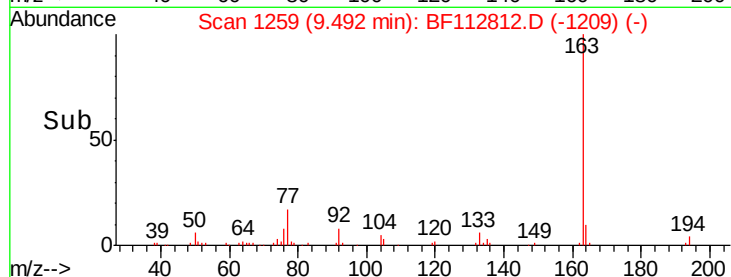
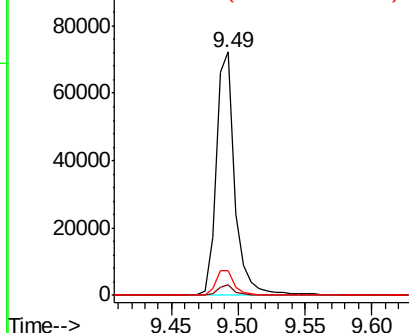


Abundance

Ion 163.00 (162.70 to 163.70): E

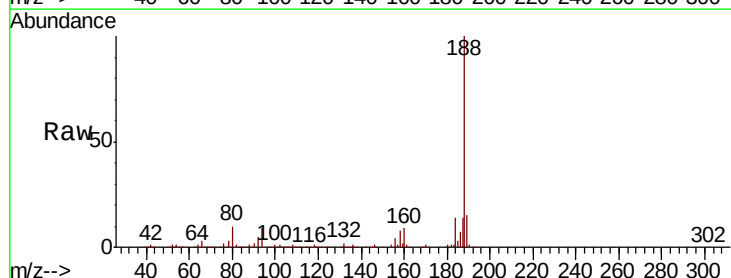
Ion 194.00 (193.70 to 194.70): E

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: BF112812.D
Acq: 1 Mar 2019 20:53

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.4	9.0	13.4
80	9.5	9.2	13.8

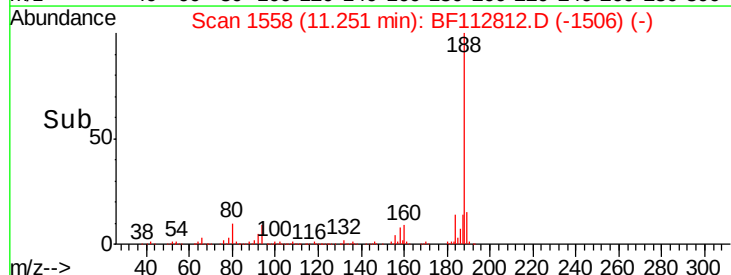
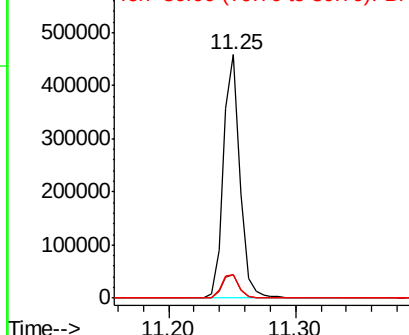


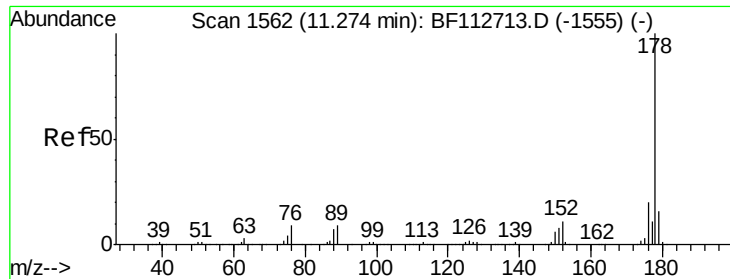
Abundance

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





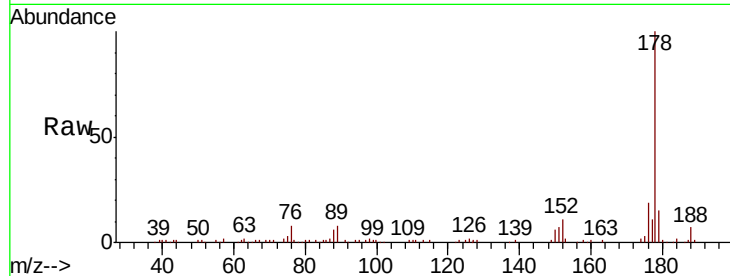
#71
Phenanthrene
Concen: 3.764 ng
RT: 11.27 min Scan# 1562
Delta R.T. 0.00 min
Lab File: BF112812.D
Acq: 1 Mar 2019 20:53

Instrument :
BNA_F
ClientSampleId :
Z-3-14-A

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.5	16.3	24.5
179	15.2	12.7	19.1

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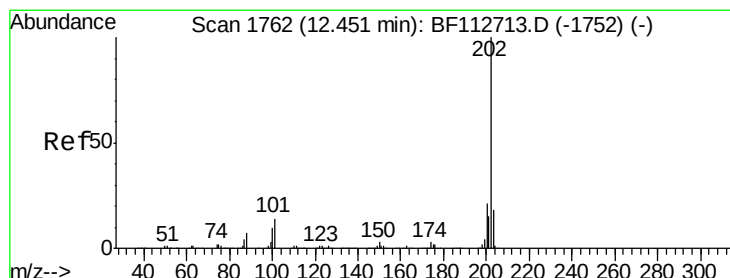
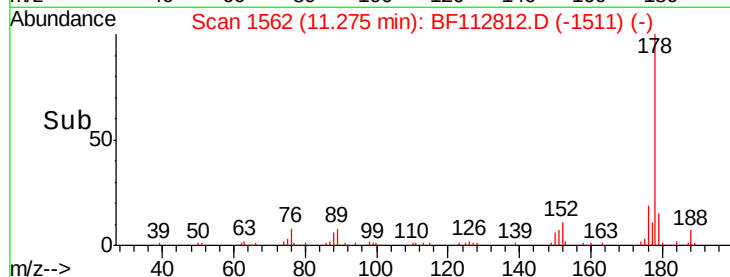
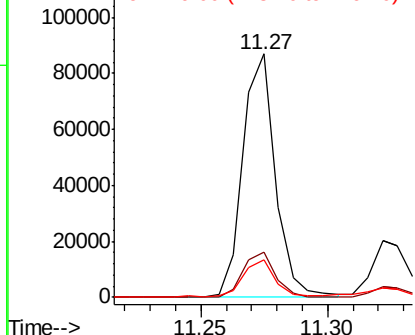


Abundance

Ion 178.00 (177.70 to 178.70): E

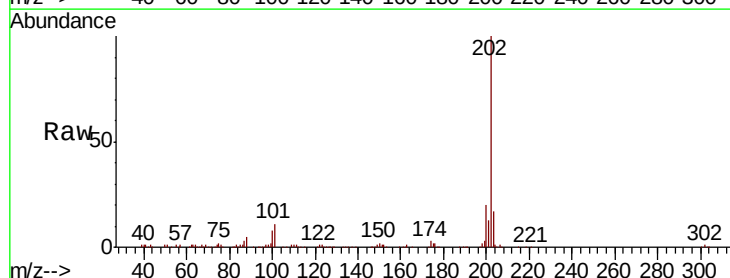
Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#75
Fluoranthene
Concen: 7.886 ng
RT: 12.46 min Scan# 1763
Delta R.T. 0.01 min
Lab File: BF112812.D
Acq: 1 Mar 2019 20:53

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.7	0.0	33.8
203	16.9	0.0	38.4

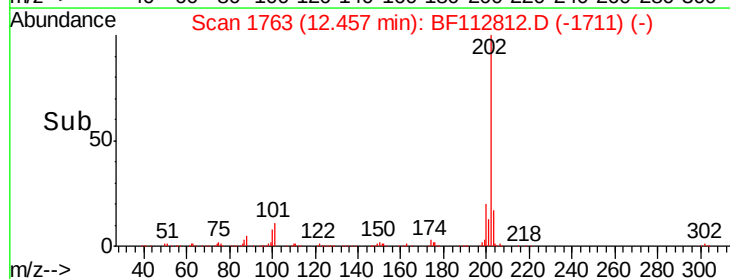
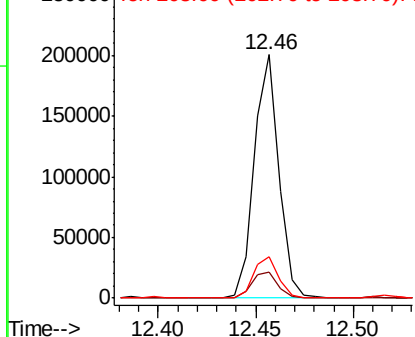


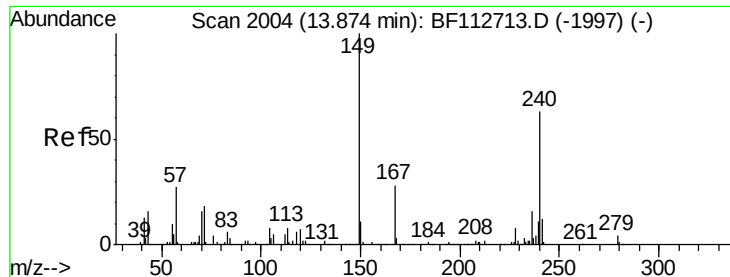
Abundance

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: BF112812.D

Acq: 1 Mar 2019 20:53

Instrument :

BNA_F

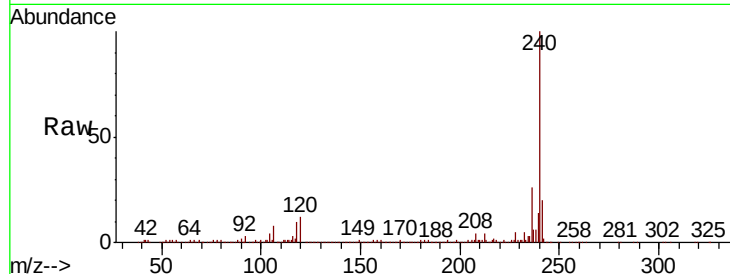
ClientSampleId :

Z-3-14-A

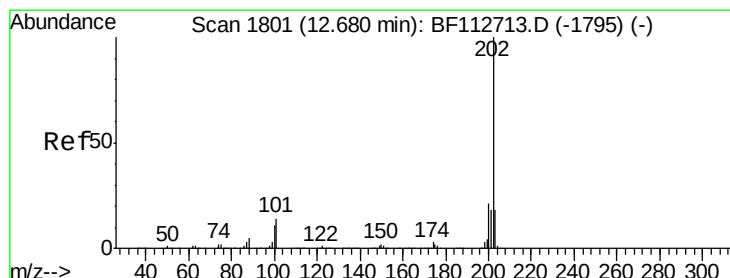
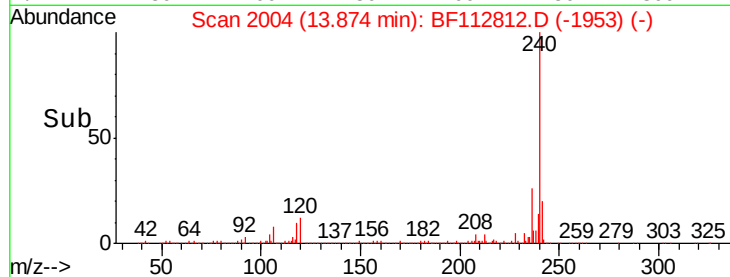
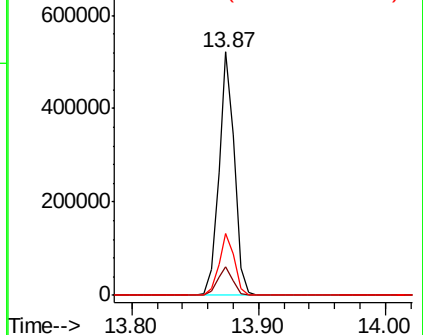
Tot Ion:	240	Resp:	445215
Ion Ratio		Lower	Upper
240	100		
120	11.7	8.9	13.3
236	25.7	20.7	31.1

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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: 4.352 ng

RT: 12.68 min Scan# 1801

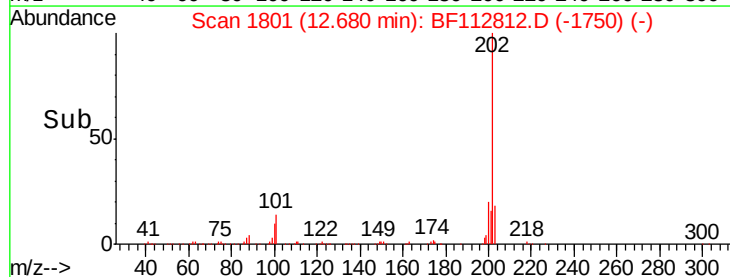
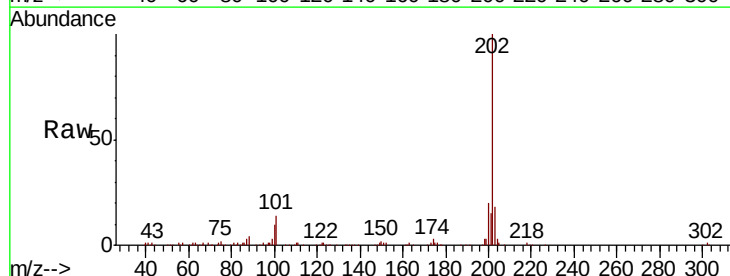
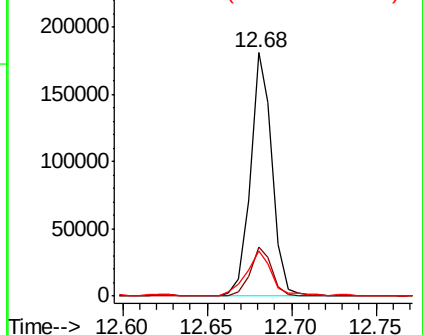
Delta R.T. 0.00 min

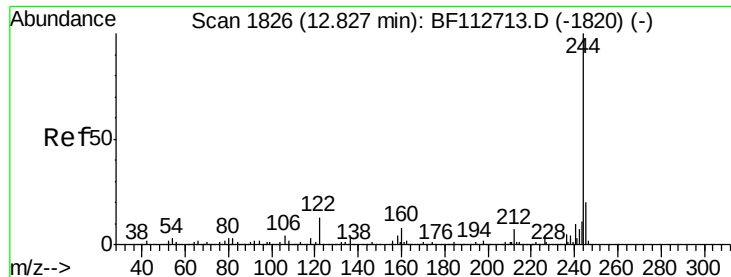
Lab File: BF112812.D

Acq: 1 Mar 2019 20:53

Tgt Ion:	202	Resp:	163324
Ion Ratio		Lower	Upper
202	100		
200	20.2	17.0	25.4
203	18.4	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





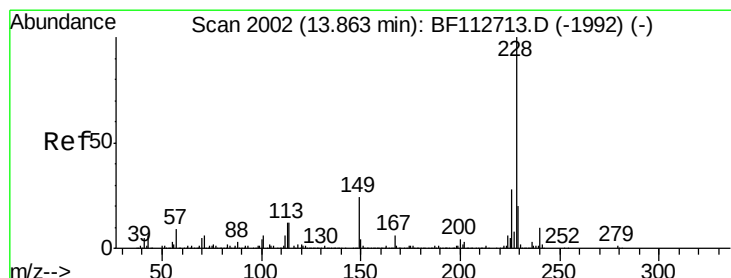
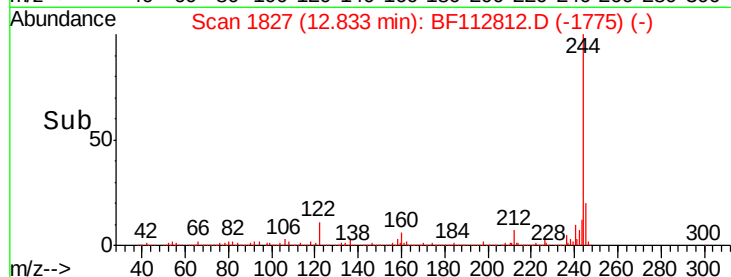
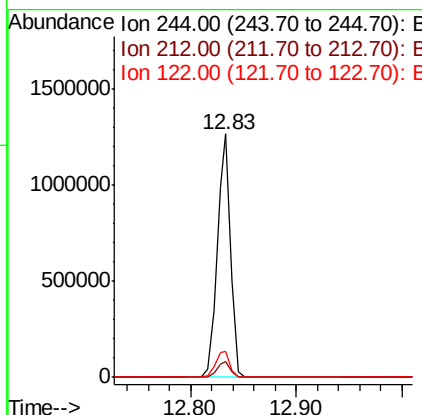
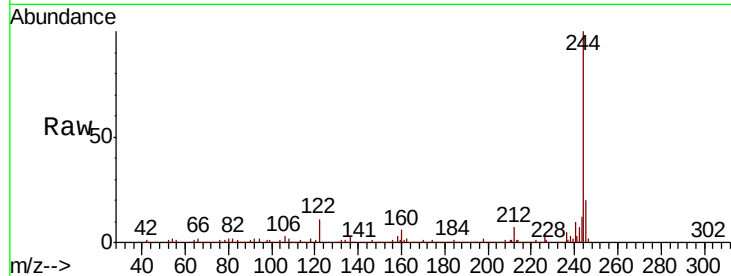
#79
 Terphenyl-d14
 Concen: 49.145 ng
 RT: 12.83 min Scan# 1827
 Delta R.T. 0.01 min
 Lab File: BF112812.D
 Acq: 1 Mar 2019 20:53

Instrument :
 BNA_F
 ClientSampleId :
 Z-3-14-A

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.6	8.4
122	10.8	10.5	15.7

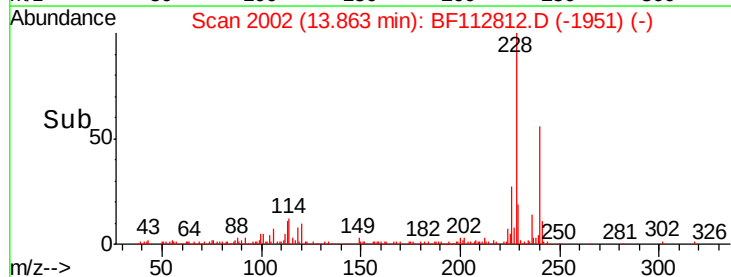
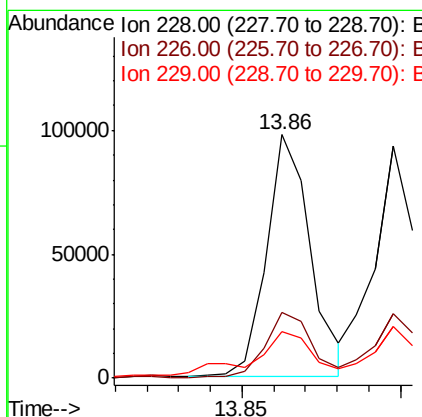
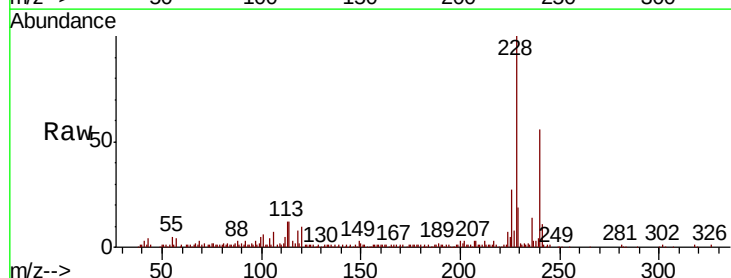
Manual Integrations
 APPROVED

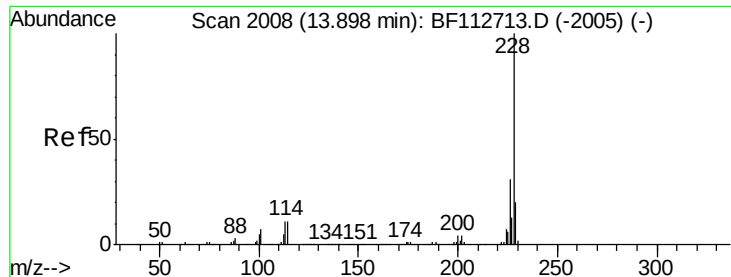
Sohil
 3/4/2019 4:55:37 PM



#81
 Benzo(a)anthracene
 Concen: 3.062 ng
 RT: 13.86 min Scan# 2002
 Delta R.T. 0.00 min
 Lab File: BF112812.D
 Acq: 1 Mar 2019 20:53

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.1	22.2	33.4
229	19.4	16.0	24.0





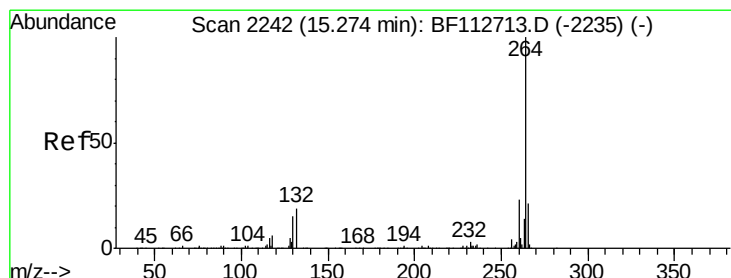
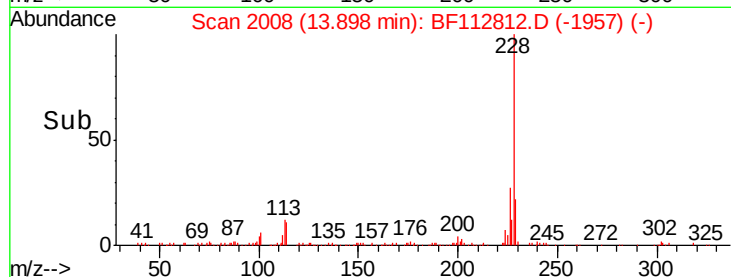
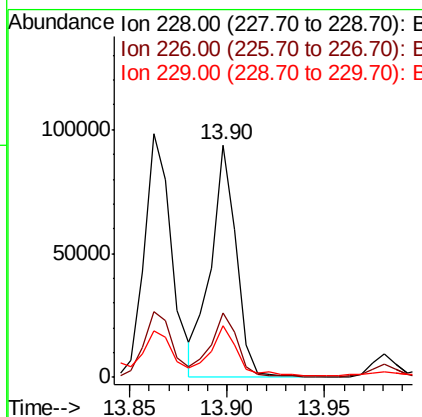
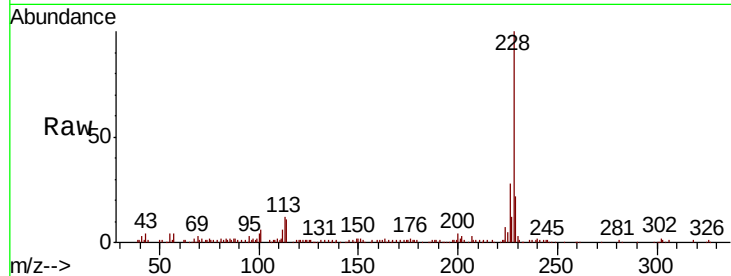
#83
Chrysene
Concen: 2.787 ng
RT: 13.90 min Scan# 2008
Delta R.T. 0.00 min
Lab File: BF112812.D
Acq: 1 Mar 2019 20:53

Instrument :
BNA_F
ClientSampled :
Z-3-14-A

Tot Ion:	228	Resp:	84230
Ion	Ratio	Lower	Upper
228	100		
226	27.7	24.9	37.3
229	22.2	16.3	24.5

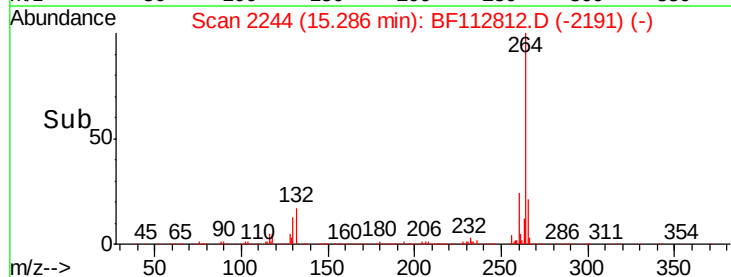
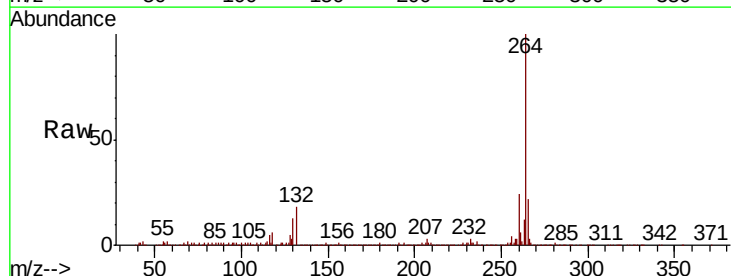
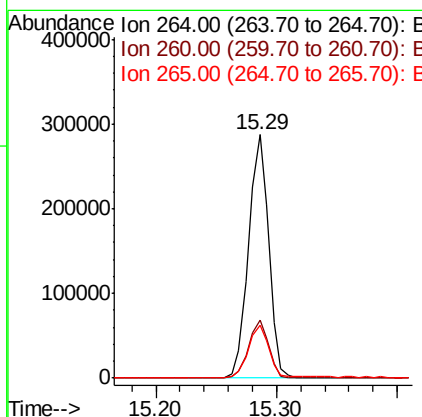
Manual Integrations
APPROVED

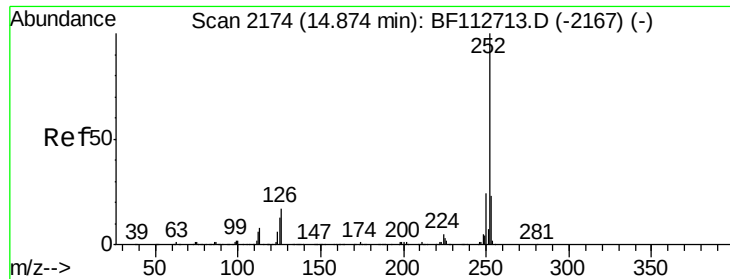
Sohil
3/4/2019 4:55:37 PM



#87
Perylene-d12
Concen: 20.000 ng
RT: 15.29 min Scan# 2244
Delta R.T. 0.01 min
Lab File: BF112812.D
Acq: 1 Mar 2019 20:53

Tgt Ion:	264	Resp:	337631
Ion	Ratio	Lower	Upper
264	100		
260	24.1	18.7	28.1
265	21.7	17.2	25.8





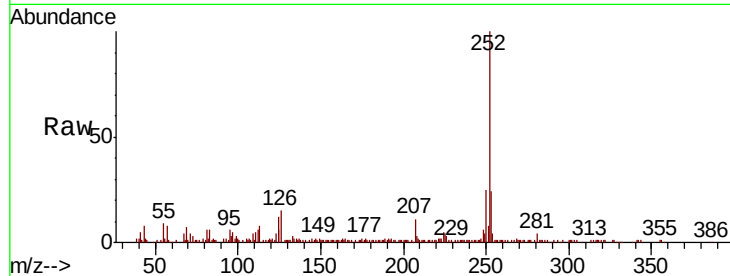
#88
Benzo(b)fluoranthene
Concen: 4.463 ng m
RT: 14.89 min Scan# 2176
Delta R.T. 0.01 min
Lab File: BF112812.D
Acq: 1 Mar 2019 20:53

Instrument :
BNA_F
ClientSampleId :
Z-3-14-A

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.8	18.0	27.0
125	11.8	10.2	15.2

Manual Integrations
APPROVED

Sohil
3/4/2019 4:55:37 PM

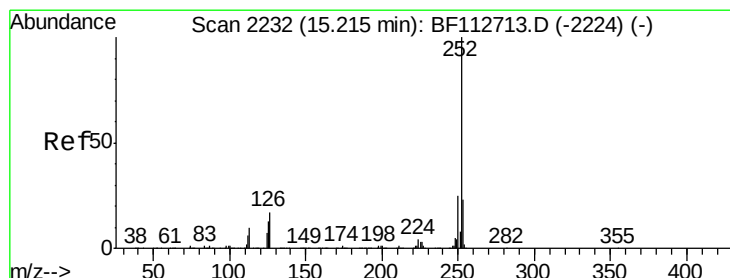
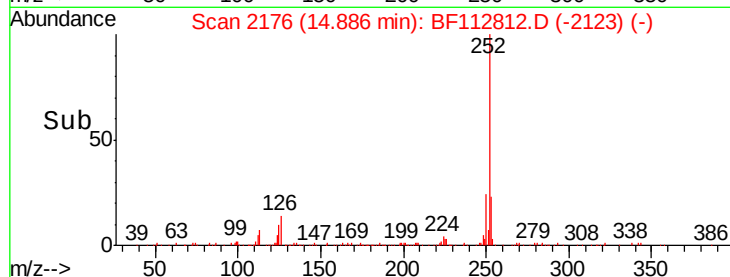
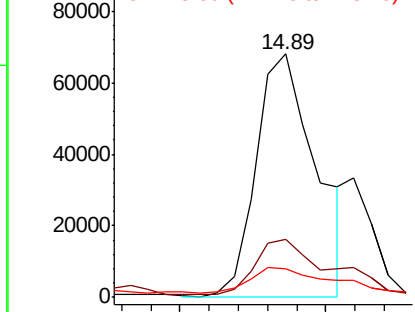


Abundance

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: 2.877 ng
RT: 15.22 min Scan# 2233
Delta R.T. 0.01 min
Lab File: BF112812.D
Acq: 1 Mar 2019 20:53

Tgt Ion	Ratio	Lower	Upper
252	100		
253	26.0	18.0	27.0
125	15.2	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

