

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030119\
 Data File : BF112808.D
 Acq On : 1 Mar 2019 19:05
 Operator : JU/SJ
 Sample : K1675-09
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 Z-3-1-A

Manual Integrations
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Quant Time: Mar 01 23:34:45 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	186900	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	675669	20.00	ng	0.00
39) Acenaphthene-d10	9.77	164	268158	20.00	ng	0.00
64) Phenanthrene-d10	11.25	188	437109	20.00	ng	0.00
76) Chrysene-d12	13.87	240	438840	20.00	ng	0.00
87) Perylene-d12	15.29	264	368865	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	1067732	88.87	ng	0.01
7) Phenol-d6	6.38	99	1358998	90.04	ng	0.01
23) Nitrobenzene-d5	7.30	82	797384	70.62	ng	0.00
42) 2,4,6-Tribromophenol	10.56	330	279802	98.29	ng	0.00
45) 2-Fluorobiphenyl	9.10	172	1277125	76.96	ng	0.00
79) Terphenyl-d14	12.83	244	1046632	46.23	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.49	163	90402	4.572	ng	97
71) Phenanthrene	11.27	178	72416	3.330	ng	97
75) Fluoranthene	12.46	202	130628	5.606	ng	94
78) Pyrene	12.68	202	135728	3.669	ng	98
81) Benzo(a)anthracene	13.86	228	79863	2.626	ng	99
83) Chrysene	13.90	228	72588	2.436	ng	96
88) Benzo(b)fluoranthene	14.89	252	79238m	3.321	ng	
90) Benzo(a)pyrene	15.22	252	54664	2.590	ng	97

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

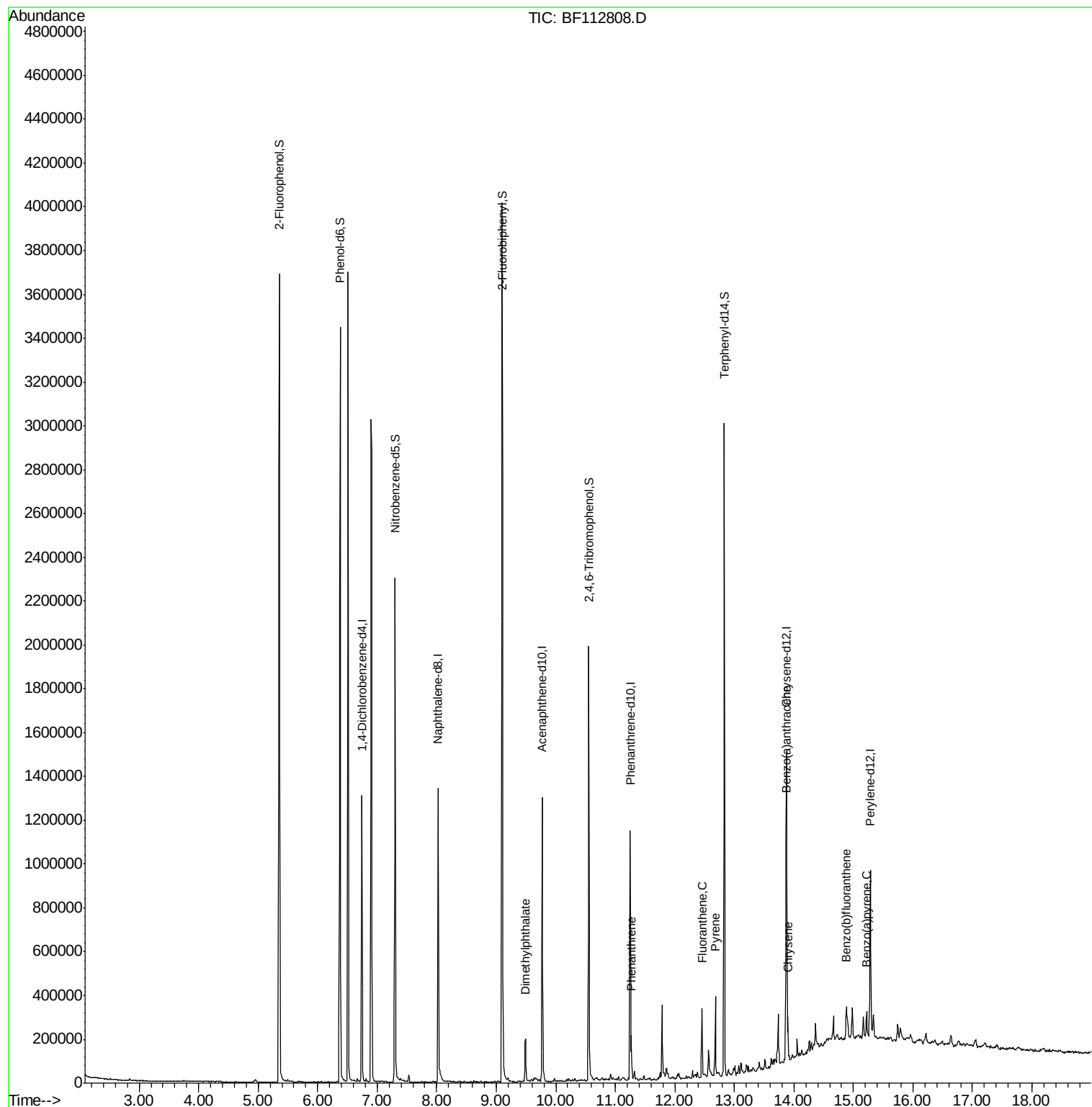
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030119\
Data File : BF112808.D
Acq On : 1 Mar 2019 19:05
Operator : JU/SJ
Sample : K1675-09
Misc :
ALS Vial : 19 Sample Multiplier: 1

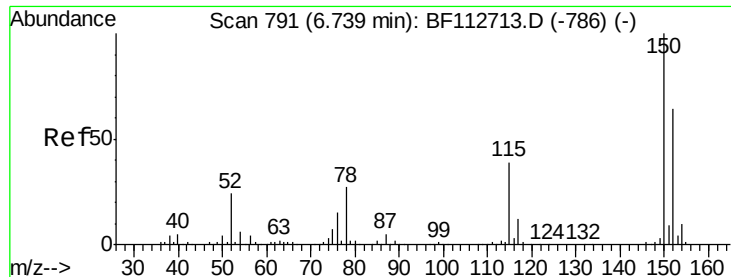
Instrument :
BNA_F
ClientSampleId :
Z-3-1-A

Manual Integrations
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration





#1

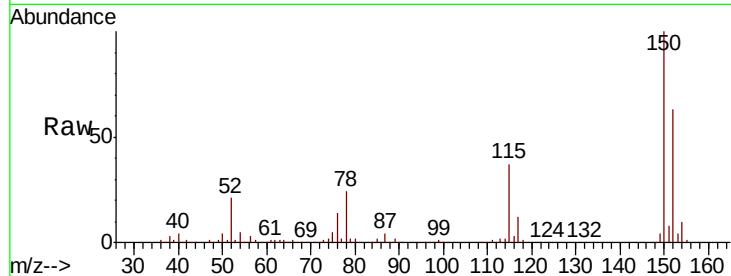
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.75 min Scan# 792
Delta R.T. 0.01 min
Lab File: BF112808.D
Acq: 1 Mar 2019 19:05

Instrument :
BNA_F
ClientSampled :
Z-3-1-A

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.1	124.2	186.2
115	58.8	48.2	72.4

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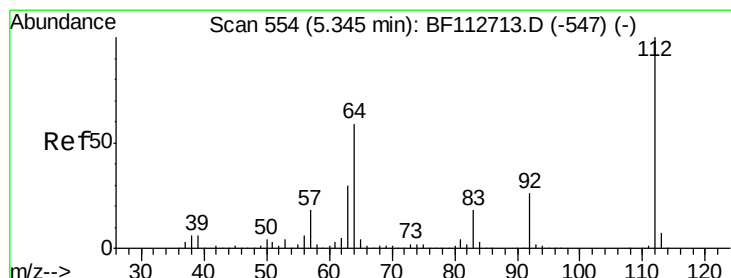
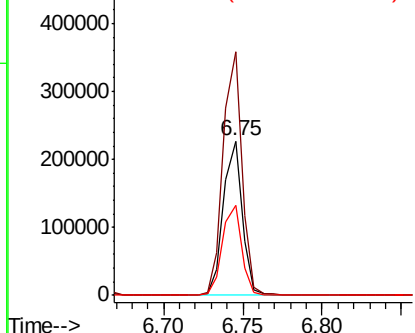
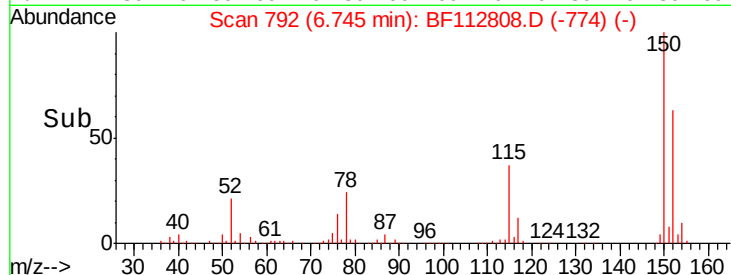


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

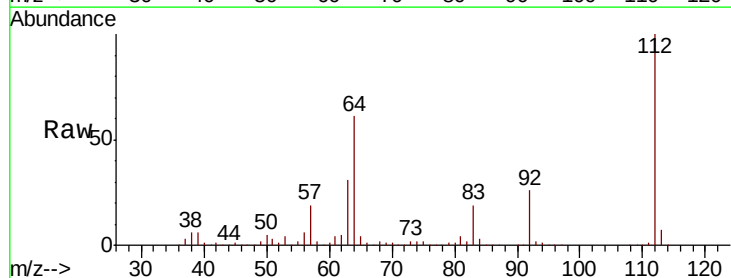
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 88.866 ng
RT: 5.36 min Scan# 556
Delta R.T. 0.01 min
Lab File: BF112808.D
Acq: 1 Mar 2019 19:05

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.6	47.6	71.4
63	31.0	24.4	36.6

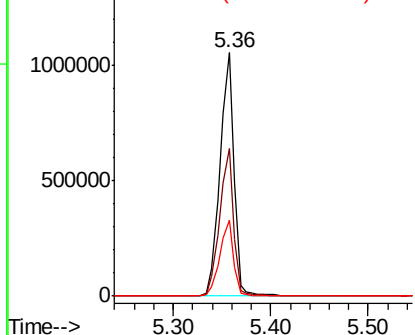
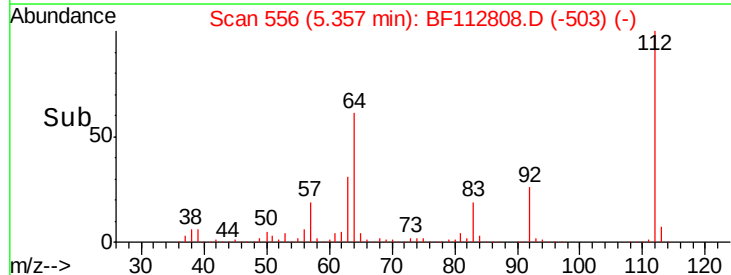


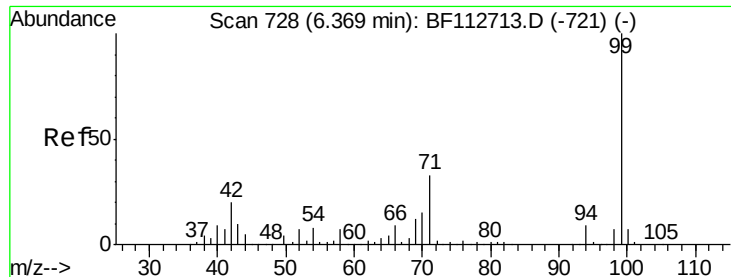
Abundance

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: 90.042 ng

RT: 6.38 min Scan# 730

Delta R.T. 0.01 min

Lab File: BF112808.D

Acq: 1 Mar 2019 19:05

Instrument :

BNA_F

ClientSampled :

Z-3-1-A

Tot Ion: 99 Resp: 1358998

Ion Ratio Lower Upper

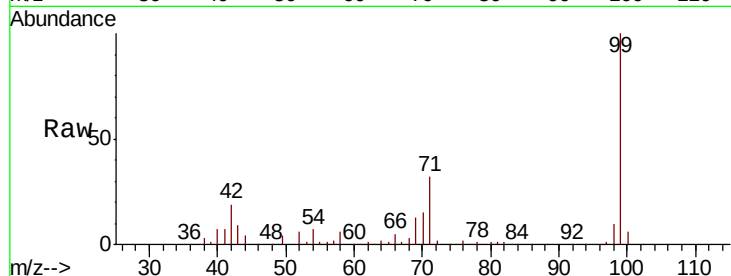
99 100

42 18.5 16.3 24.5

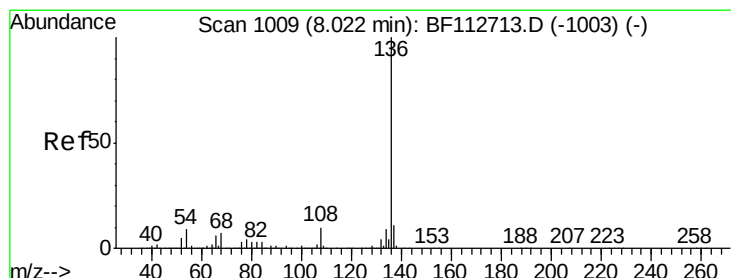
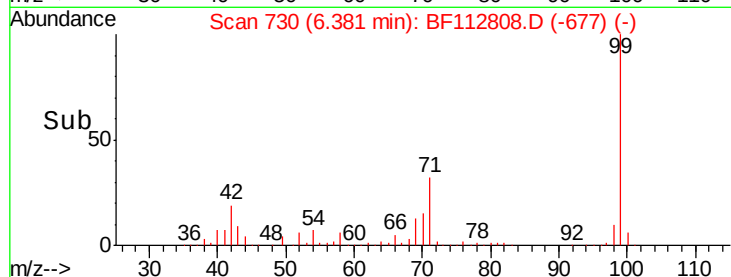
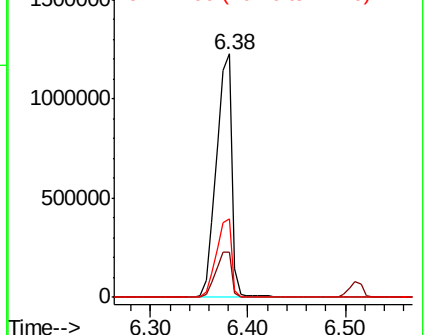
71 32.4 26.2 39.4

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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: BF112808.D

Acq: 1 Mar 2019 19:05

Tgt Ion: 136 Resp: 675669

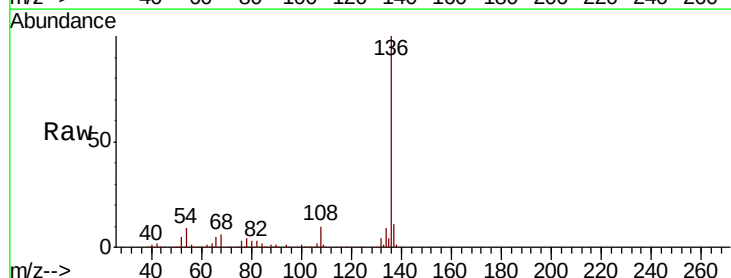
Ion Ratio Lower Upper

136 100

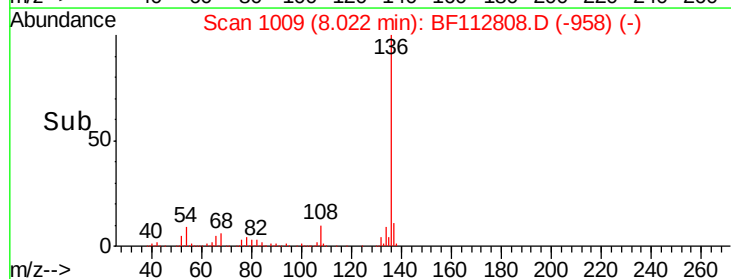
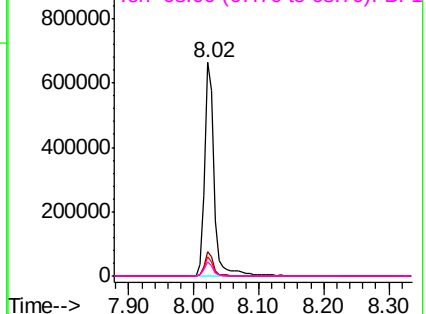
137 11.2 8.9 13.3

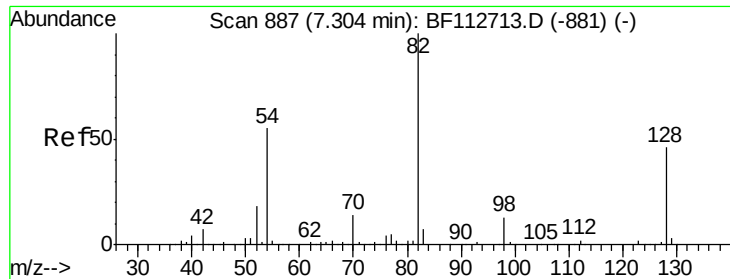
54 9.0 7.3 10.9

68 6.4 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





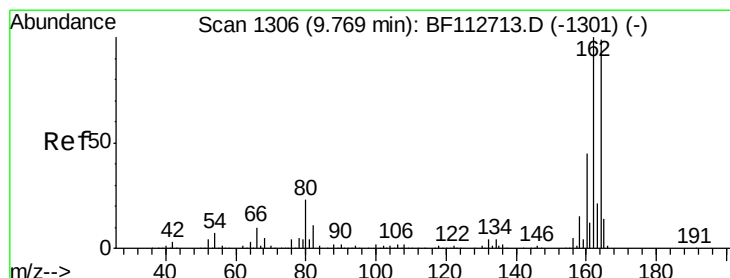
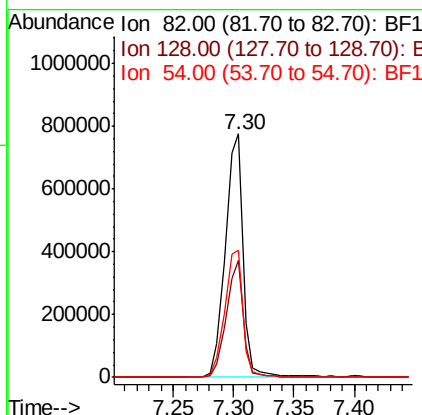
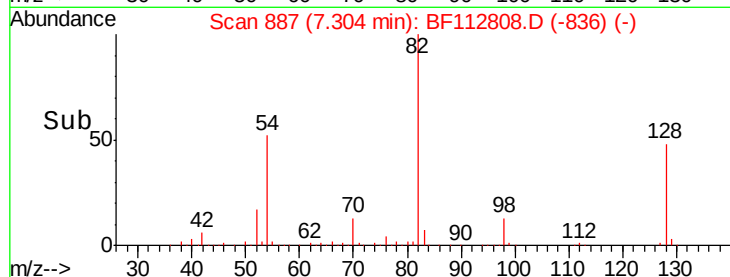
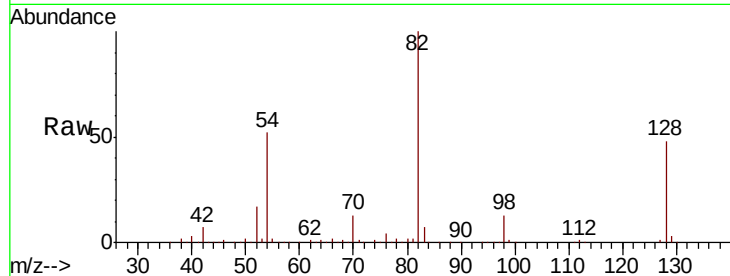
#23
Nitrobenzene-d5
Concen: 70.617 ng
RT: 7.30 min Scan# 887
Delta R.T. -0.00 min
Lab File: BF112808.D
Acq: 1 Mar 2019 19:05

Instrument :
BNA_F
ClientSampled :
Z-3-1-A

Tot Ion	Ratio	Lower	Upper
82	100		
128	48.3	36.3	54.5
54	52.3	43.7	65.5

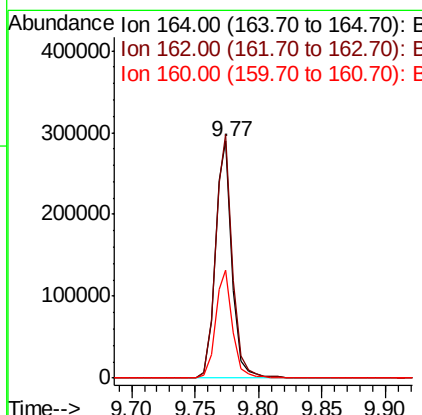
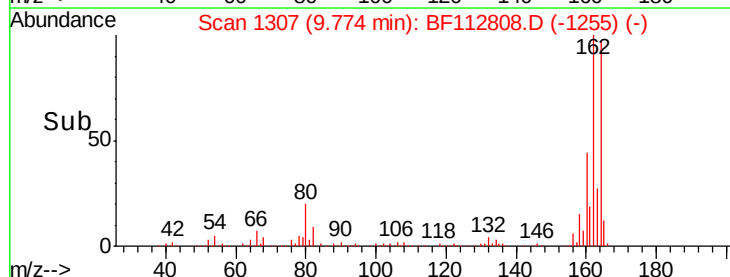
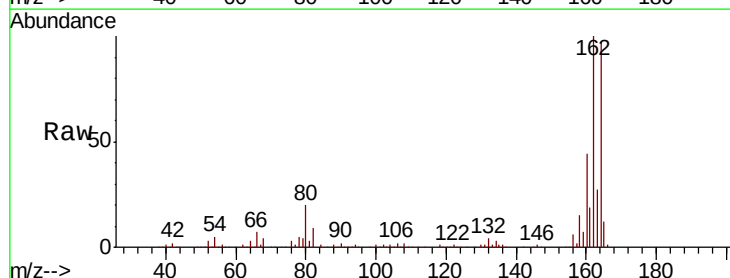
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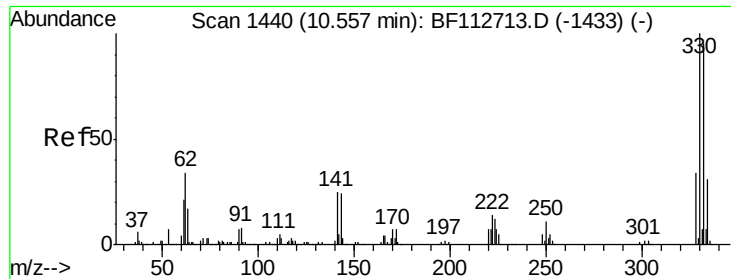
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.77 min Scan# 1307
Delta R.T. 0.01 min
Lab File: BF112808.D
Acq: 1 Mar 2019 19:05

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.9	80.6	120.8
160	45.4	36.0	54.0





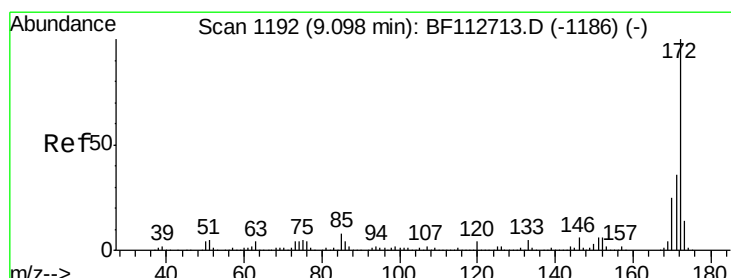
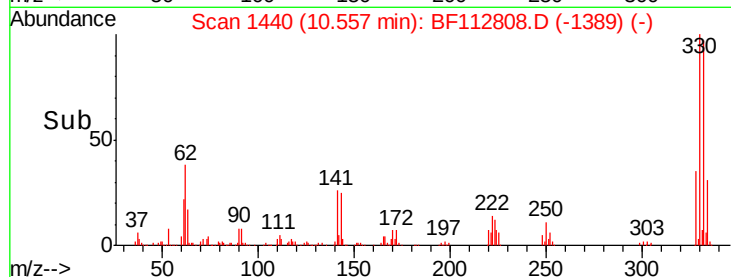
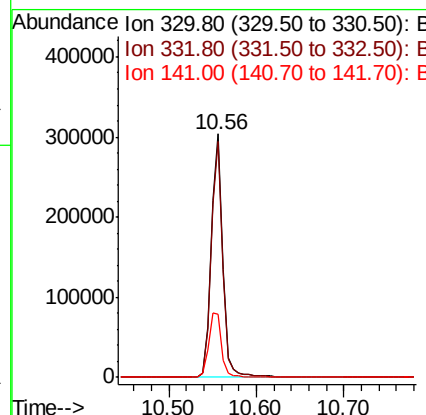
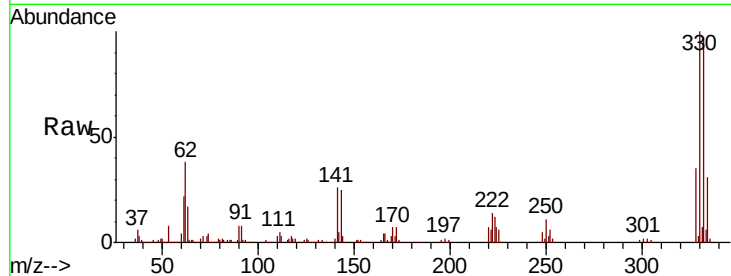
#42
 2,4,6-Tribromophenol
 Concen: 98.285 ng
 RT: 10.56 min Scan# 1440
 Delta R.T. -0.00 min
 Lab File: BF112808.D
 Acq: 1 Mar 2019 19:05

Instrument :
 BNA_F
 ClientSampled :
 Z-3-1-A

Tot Ion	Ratio	Resp	Lower	Upper
330	100	279802		
332	96.6	76.2	114.4	
141	29.6	27.0	40.6	

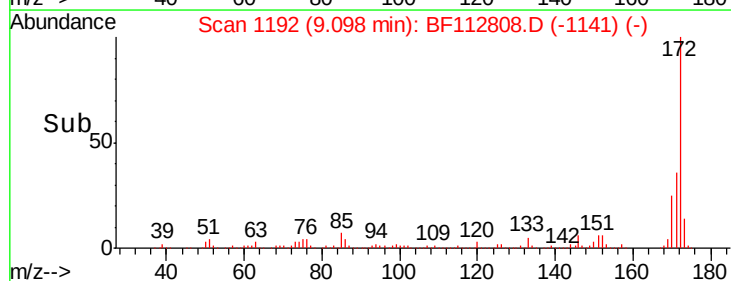
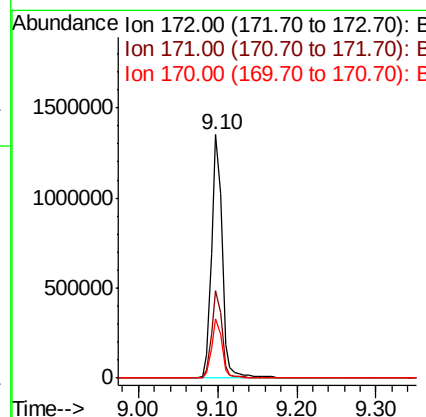
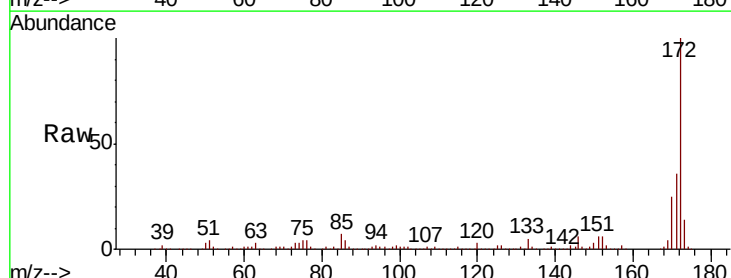
Manual Integrations
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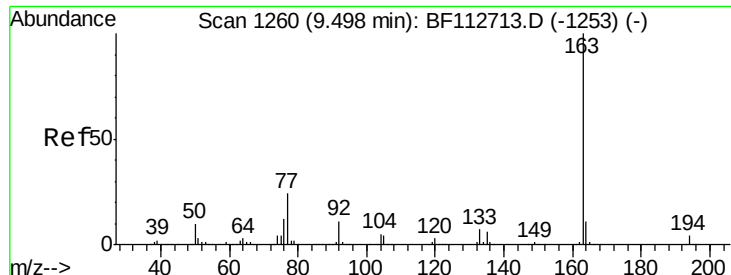
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#45
 2-Fluorobiphenyl
 Concen: 76.961 ng
 RT: 9.10 min Scan# 1192
 Delta R.T. 0.00 min
 Lab File: BF112808.D
 Acq: 1 Mar 2019 19:05

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1277125		
171	35.8	29.0	43.4	
170	24.6	20.0	30.0	





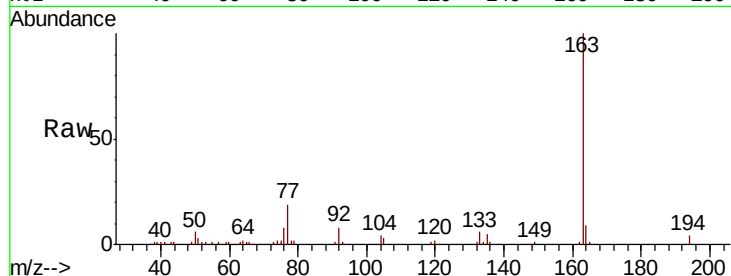
#50
Dimethylphthalate
Concen: 4.572 ng
RT: 9.49 min Scan# 1259
Delta R.T. -0.01 min
Lab File: BF112808.D
Acq: 1 Mar 2019 19:05

Instrument :
BNA_F
ClientSampleId :
Z-3-1-A

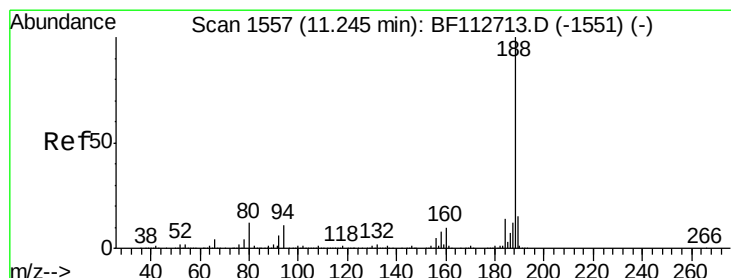
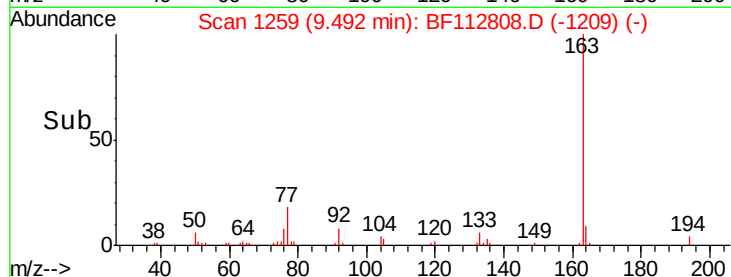
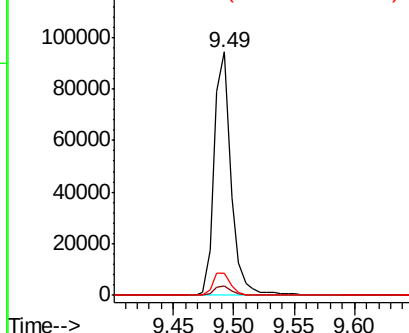
Tot Ion:	163	Resp:	90402
Ion Ratio	Lower	Upper	
163	100		
194	3.9	3.0	4.4
164	9.2	8.4	12.6

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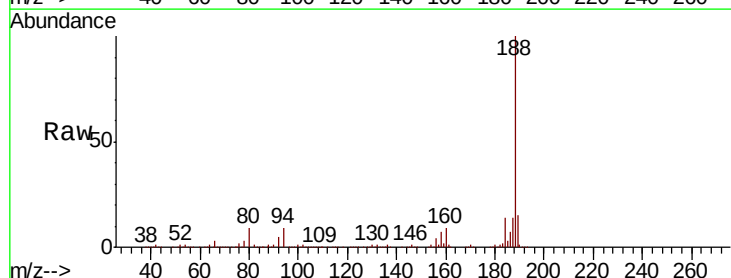


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

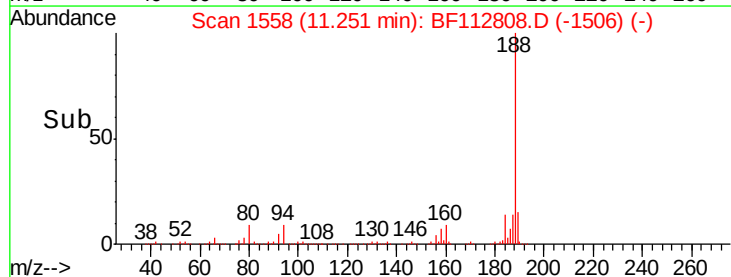
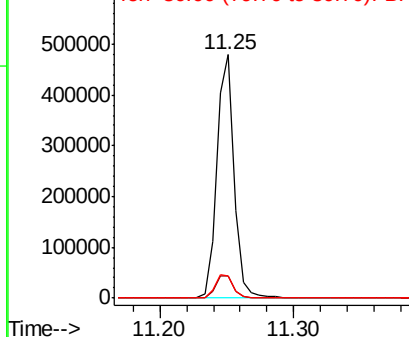


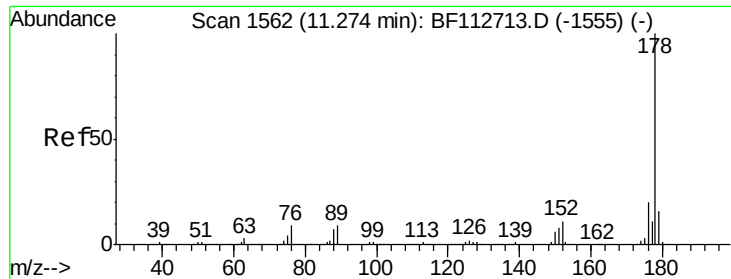
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1558
Delta R.T. 0.01 min
Lab File: BF112808.D
Acq: 1 Mar 2019 19:05

Tgt Ion:	188	Resp:	437109
Ion Ratio	Lower	Upper	
188	100		
94	9.1	9.0	13.4
80	9.1	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





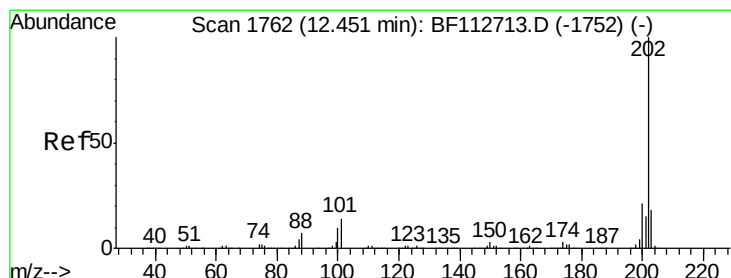
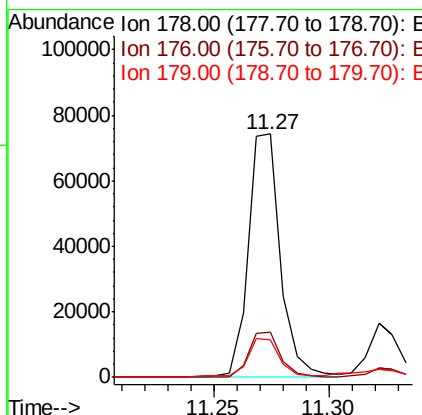
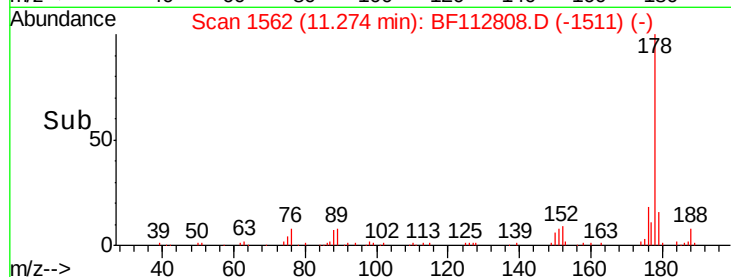
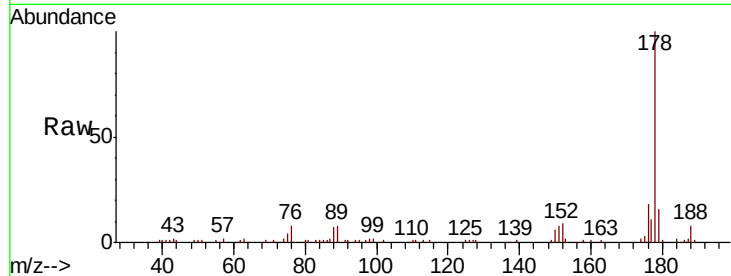
#71
Phenanthrene
Concen: 3.330 ng
RT: 11.27 min Scan# 1562
Delta R.T. -0.00 min
Lab File: BF112808.D
Acq: 1 Mar 2019 19:05

Instrument :
BNA_F
ClientSampleId :
Z-3-1-A

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.5	16.3	24.5
179	15.6	12.7	19.1

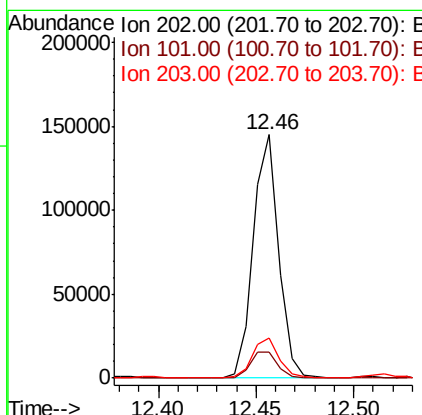
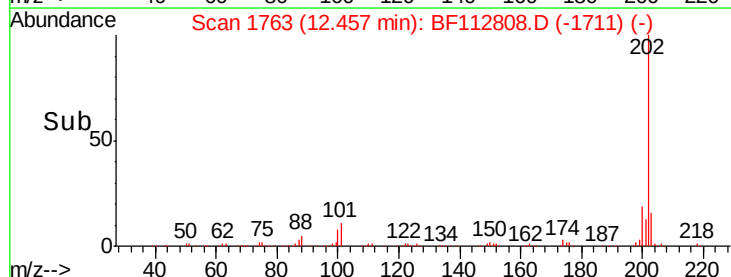
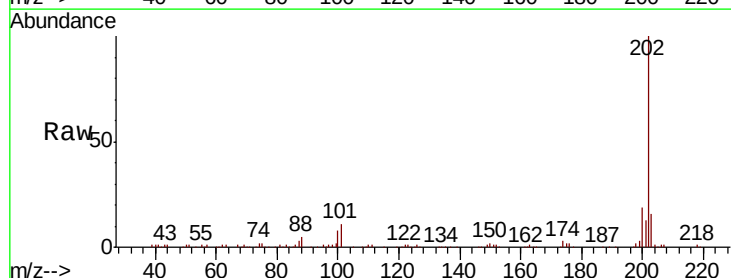
Manual Integrations
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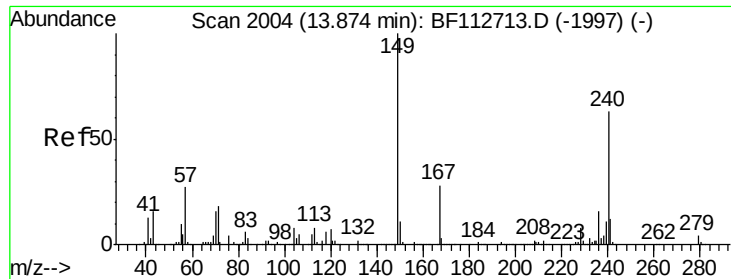
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#75
Fluoranthene
Concen: 5.606 ng
RT: 12.46 min Scan# 1763
Delta R.T. 0.01 min
Lab File: BF112808.D
Acq: 1 Mar 2019 19:05

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.9	0.0	33.8
203	16.3	0.0	38.4





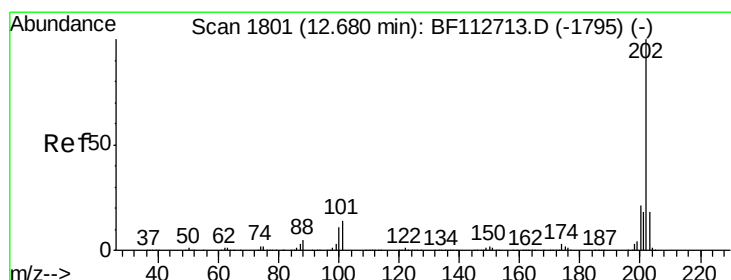
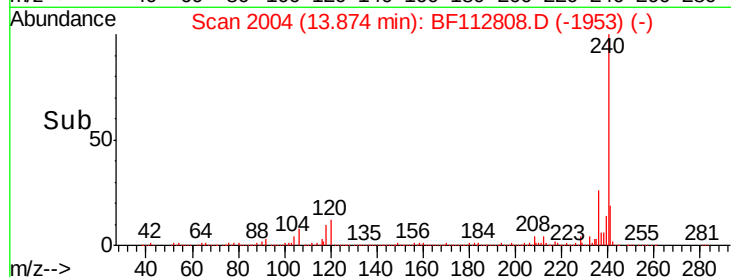
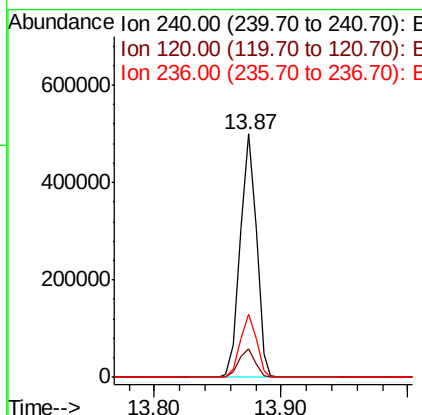
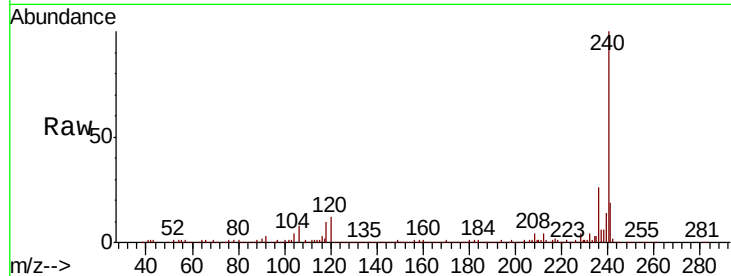
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.87 min Scan# 2004
Delta R.T. -0.00 min
Lab File: BF112808.D
Acq: 1 Mar 2019 19:05

Instrument :
BNA_F
ClientSampleId :
Z-3-1-A

Tot Ion	Ratio	Lower	Upper
240	100		
120	11.6	8.9	13.3
236	26.0	20.7	31.1

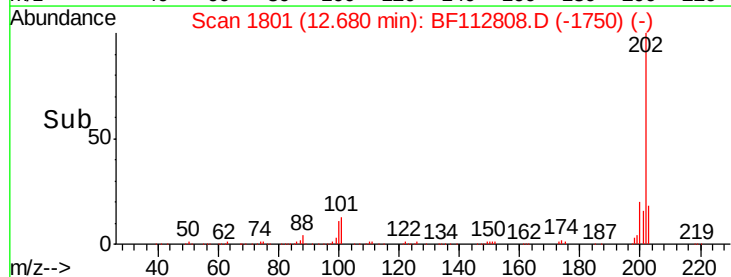
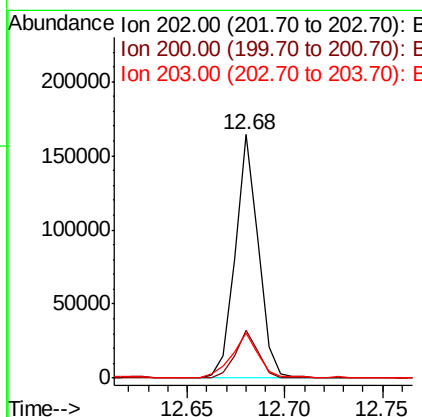
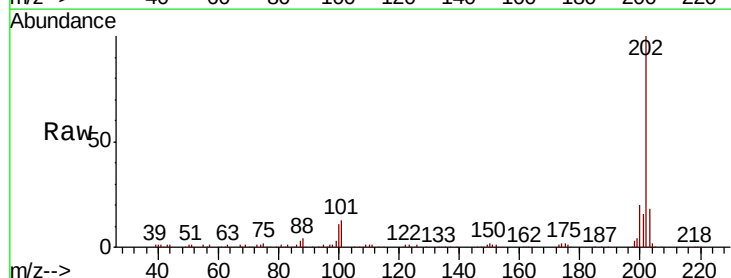
Manual Integrations
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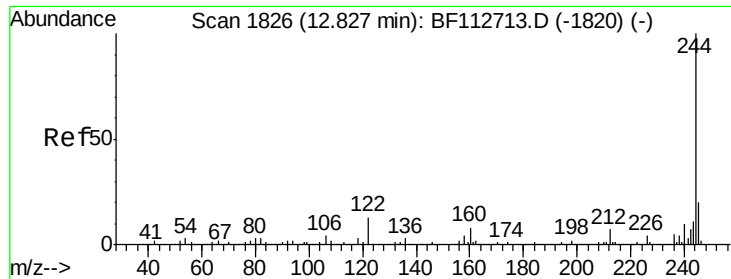
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#78
Pyrene
Concen: 3.669 ng
RT: 12.68 min Scan# 1801
Delta R.T. -0.00 min
Lab File: BF112808.D
Acq: 1 Mar 2019 19:05

Tgt Ion	Ratio	Lower	Upper
202	100		
200	19.9	17.0	25.4
203	18.5	14.4	21.6





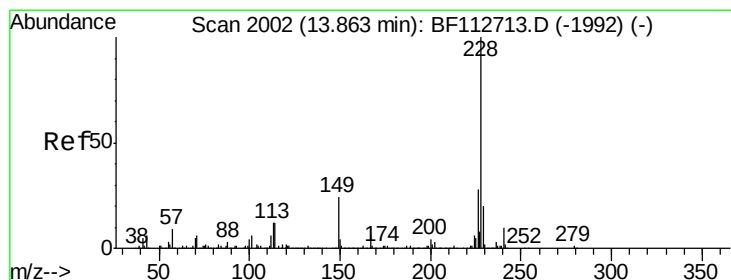
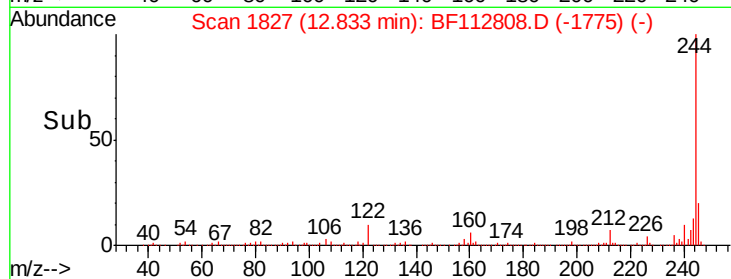
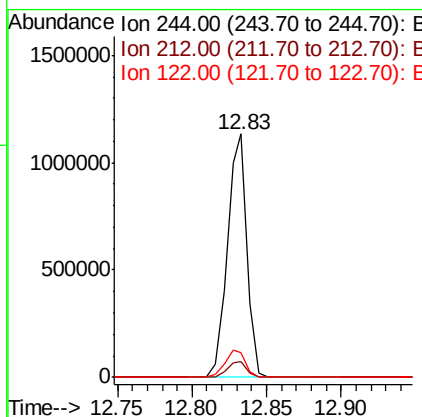
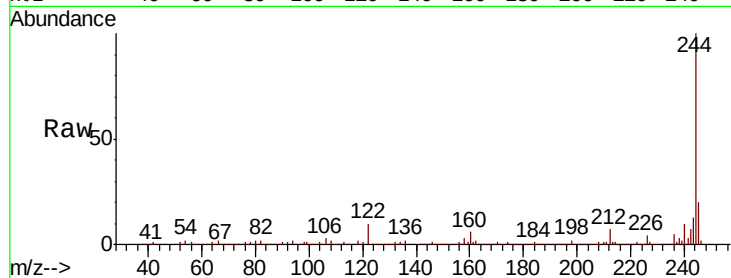
#79
 Terphenyl-d14
 Concen: 46.233 ng
 RT: 12.83 min Scan# 1827
 Delta R.T. 0.01 min
 Lab File: BF112808.D
 Acq: 1 Mar 2019 19:05

Instrument :
 BNA_F
 ClientSampleId :
 Z-3-1-A

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.6	8.4
122	10.4	10.5	15.7

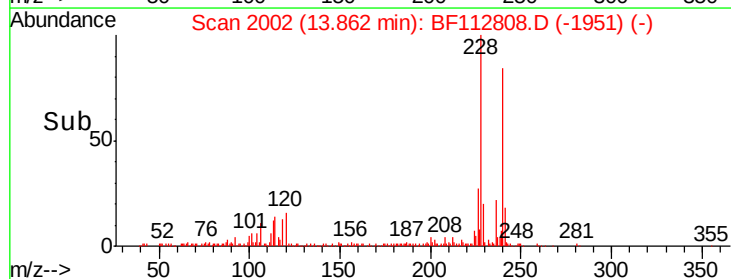
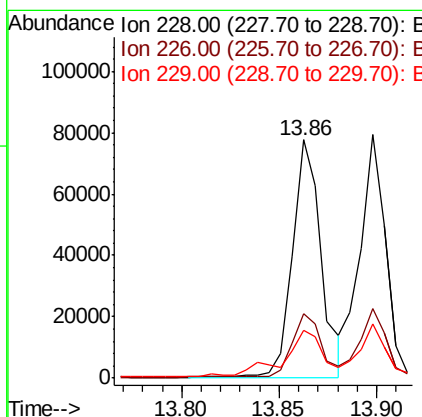
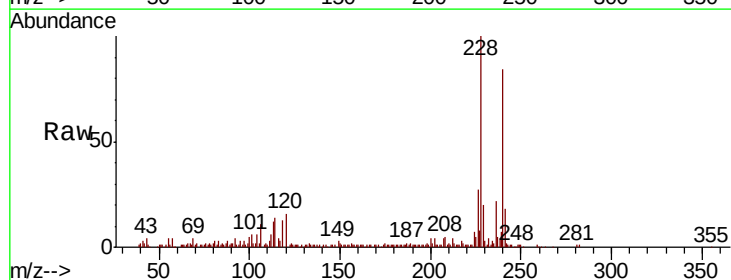
Manual Integrations
 APPROVED

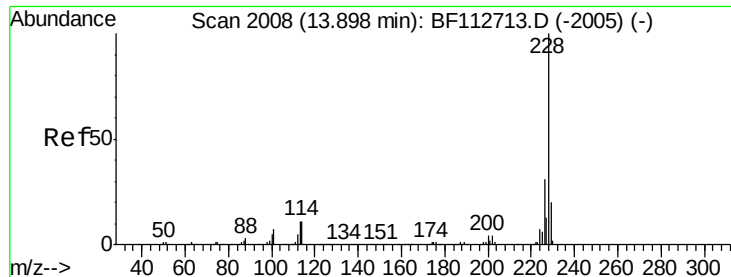
Sohil
 3/4/2019 4:55:33 PM



#81
 Benzo(a)anthracene
 Concen: 2.626 ng
 RT: 13.86 min Scan# 2002
 Delta R.T. -0.00 min
 Lab File: BF112808.D
 Acq: 1 Mar 2019 19:05

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.0	22.2	33.4
229	19.9	16.0	24.0





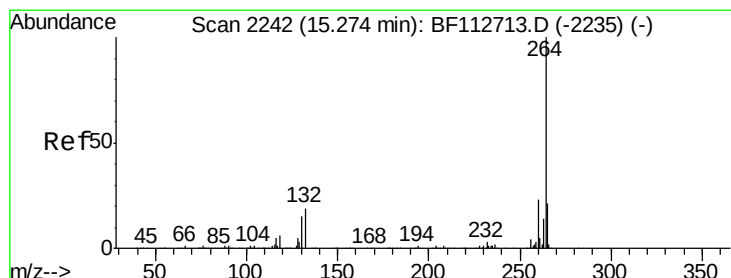
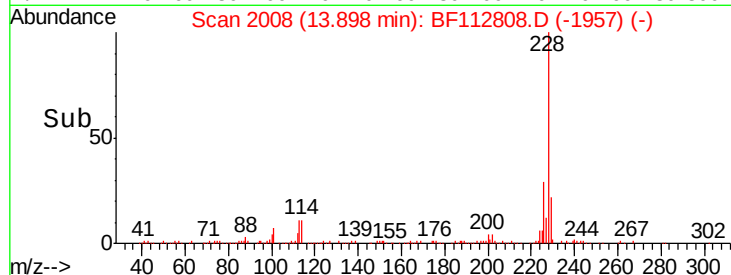
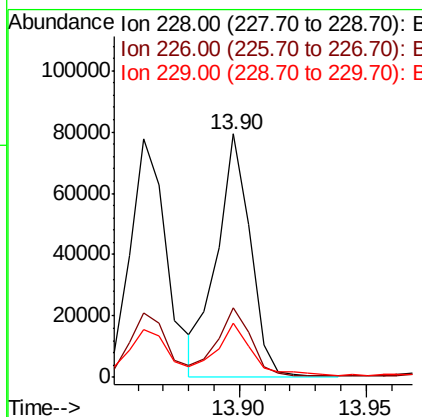
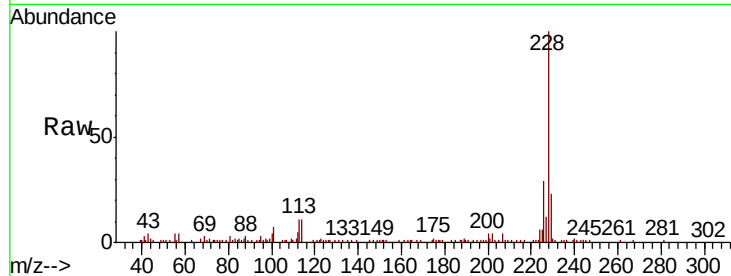
#83
Chrysene
Concen: 2.436 ng
RT: 13.90 min Scan# 2008
Delta R.T. -0.00 min
Lab File: BF112808.D
Acq: 1 Mar 2019 19:05

Instrument :
BNA_F
ClientSampled :
Z-3-1-A

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.7	24.9	37.3
229	22.5	16.3	24.5

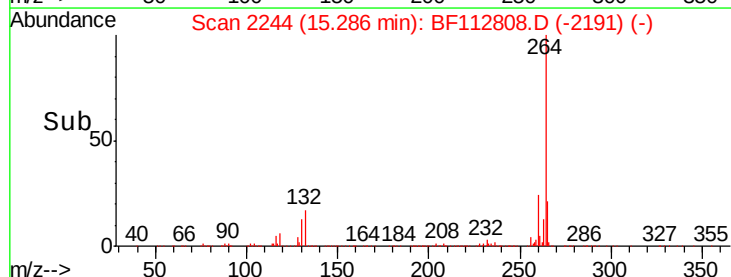
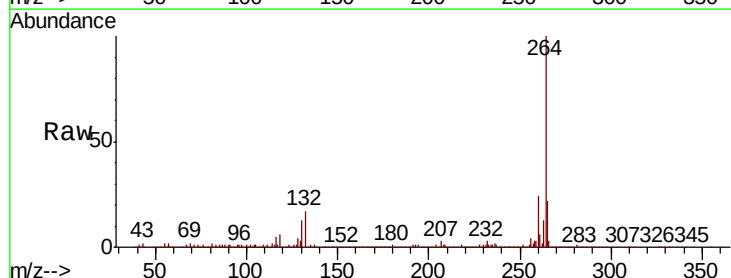
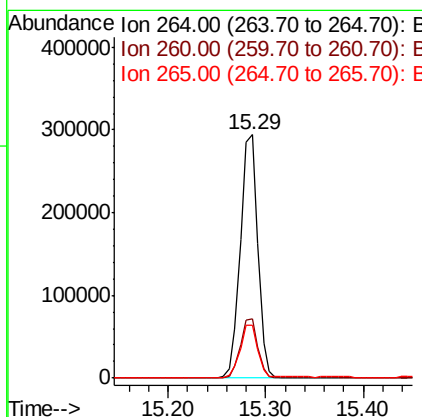
Manual Integrations
APPROVED

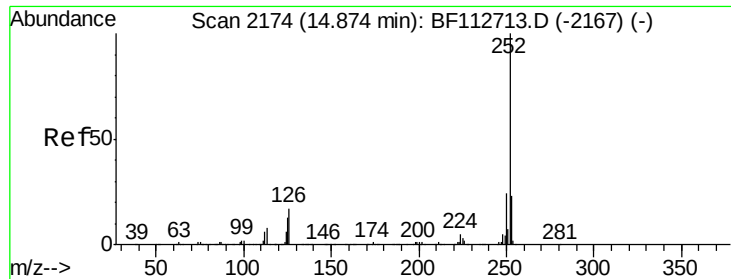
Sohil
3/4/2019 4:55:33 PM



#87
Perylene-d12
Concen: 20.000 ng
RT: 15.29 min Scan# 2244
Delta R.T. 0.01 min
Lab File: BF112808.D
Acq: 1 Mar 2019 19:05

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.4	18.7	28.1
265	21.5	17.2	25.8





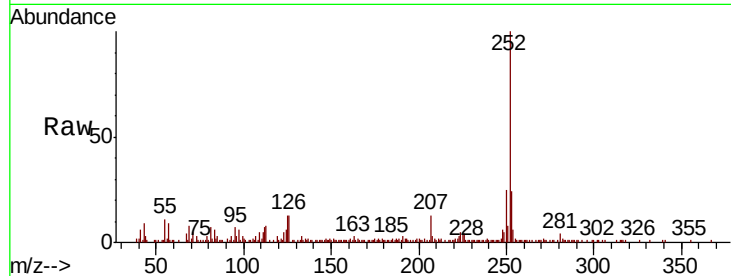
#88
Benzo(b)fluoranthene
Concen: 3.321 ng m
RT: 14.89 min Scan# 2176
Delta R.T. 0.01 min
Lab File: BF112808.D
Acq: 1 Mar 2019 19:05

Instrument :
BNA_F
ClientSampled :
Z-3-1-A

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.7	18.0	27.0
125	13.2	10.2	15.2

Manual Integrations
APPROVED

Sohil
3/4/2019 4:55:33 PM

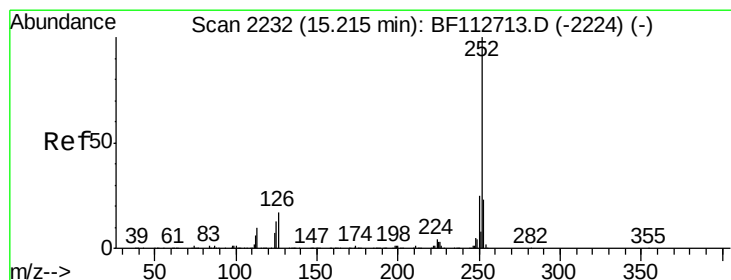
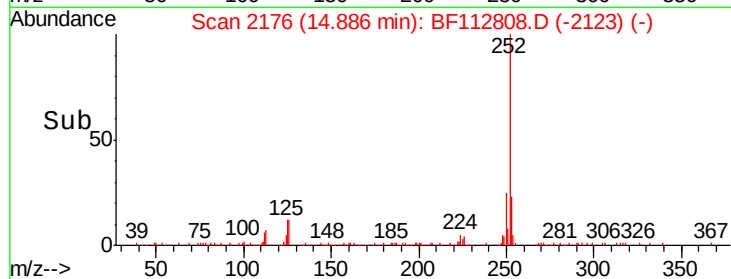
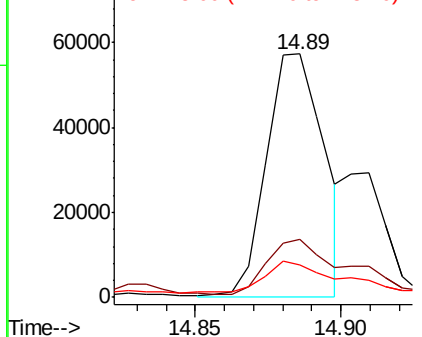


Abundance

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: 2.590 ng
RT: 15.22 min Scan# 2233
Delta R.T. 0.01 min
Lab File: BF112808.D
Acq: 1 Mar 2019 19:05

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.6	18.0	27.0
125	12.2	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

