

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030719\
 Data File : BF112934.D
 Acq On : 7 Mar 2019 21:07
 Operator : JU/SJ
 Sample : K1757-11
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-6AB-S

Manual Integrations
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Sohil
 3/8/2019 9:26:13 AM

Quant Time: Mar 08 01:16:49 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	6.73	152	155658	20.00	ng	-0.01
21) Naphthalene-d8	8.01	136	567983	20.00	ng	-0.01
39) Acenaphthene-d10	9.76	164	293216	20.00	ng	-0.01
64) Phenanthrene-d10	11.23	188	586525	20.00	ng	-0.01
76) Chrysene-d12	13.86	240	394514	20.00	ng	-0.02
87) Perylene-d12	15.26	264	416060	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	878722	87.81	ng	-0.01
7) Phenol-d6	6.36	99	1163335	92.55	ng	0.00
23) Nitrobenzene-d5	7.29	82	684440	72.11	ng	-0.02
42) 2,4,6-Tribromophenol	10.55	330	354830	113.99	ng	-0.01
45) 2-Fluorobiphenyl	9.09	172	1265125	67.77	ng	-0.01
79) Terphenyl-d14	12.82	244	1241063	60.98	ng	-0.01
Target Compounds						
50) Dimethylphthalate	9.47	163	95270	4.407	ng	99
71) Phenanthrene	11.26	178	97530	3.342	ng	98
75) Fluoranthene	12.44	202	262956	8.411	ng	98
78) Pyrene	12.67	202	214593	6.452	ng	97
81) Benzo(a)anthracene	13.85	228	101662m	3.718	ng	
83) Chrysene	13.89	228	124095	4.633	ng	99
86) Indeno(1,2,3-cd)pyrene	16.61	276	73456m	3.217	ng	
88) Benzo(b)fluoranthene	14.87	252	176126m	6.545	ng	
89) Benzo(k)fluoranthene	14.89	252	66847m	2.742	ng	
90) Benzo(a)pyrene	15.20	252	96552	4.056	ng	99
92) Benzo(g,h,i)perylene	17.02	276	55345	2.713	ng	96

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

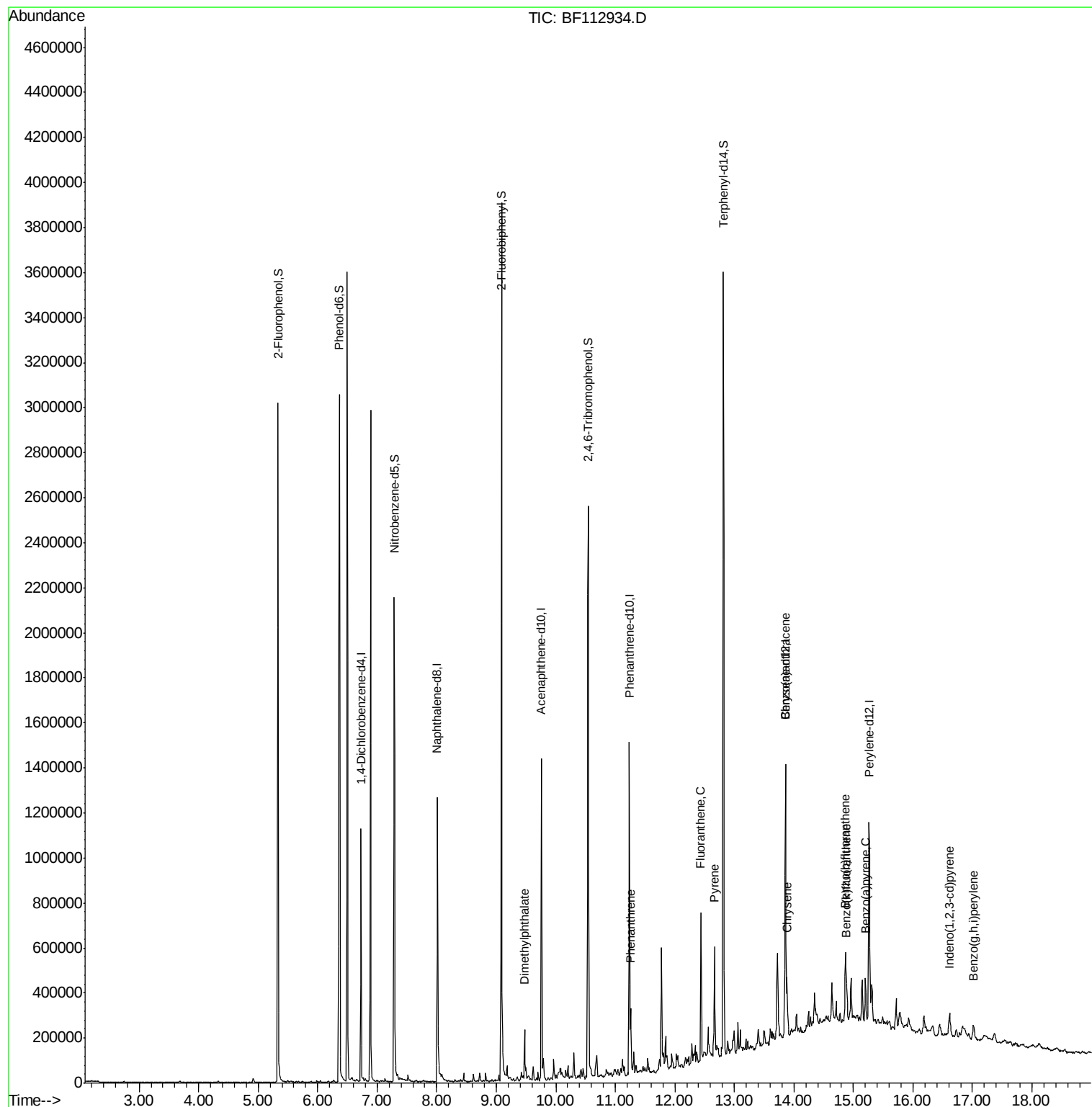
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030719\
Data File : BF112934.D
Acq On : 7 Mar 2019 21:07
Operator : JU/SJ
Sample : K1757-11
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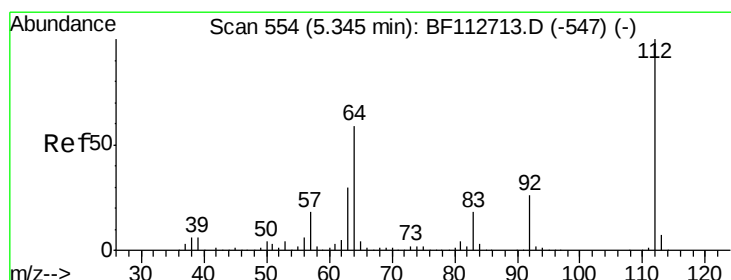
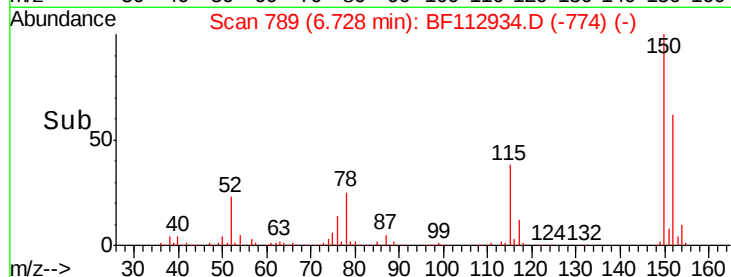
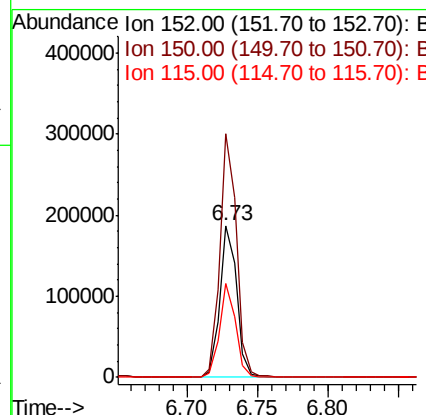
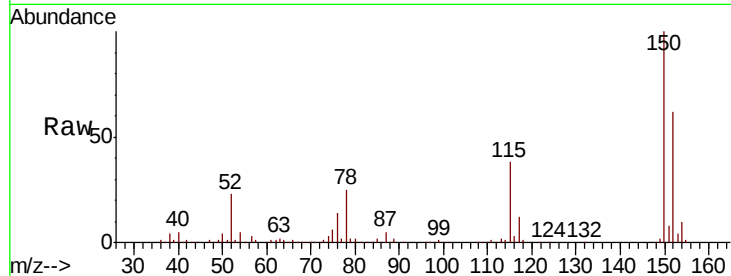
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.73 min Scan# 789
 Delta R.T. -0.01 min
 Lab File: BF112934.D
 Acq: 7 Mar 2019 21:07

Instrument :
 BNA_F
 ClientSampleId :
 TP-6AB-S

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.2	124.2	186.2
115	61.5	48.2	72.4

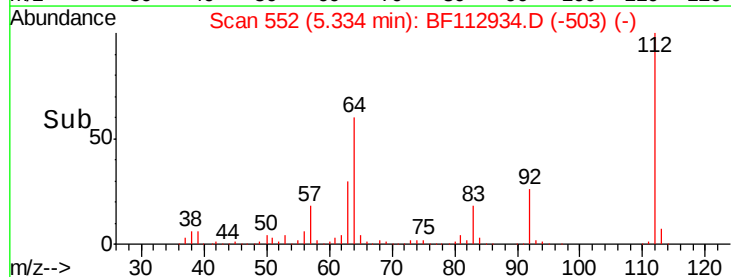
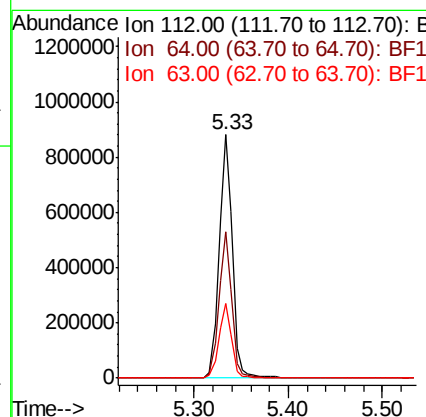
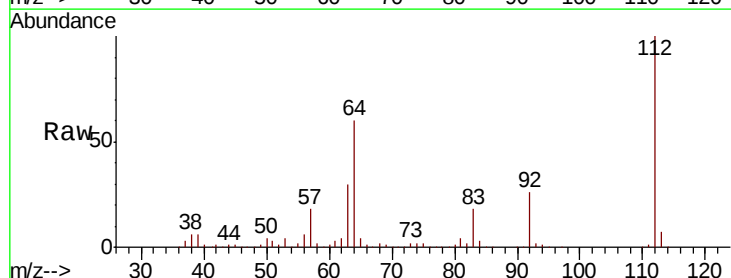
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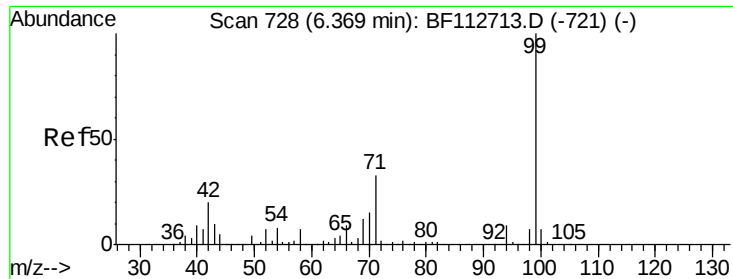
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#5
 2-Fluorophenol
 Concen: 87.814 ng
 RT: 5.33 min Scan# 552
 Delta R.T. -0.01 min
 Lab File: BF112934.D
 Acq: 7 Mar 2019 21:07

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.1	47.6	71.4
63	30.4	24.4	36.6





#7

Phenol-d6

Concen: 92.548 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF112934.D

Acq: 7 Mar 2019 21:07

Instrument :

BNA_F

ClientSampled :

TP-6AB-S

Tot Ion: 99 Resp: 1163335

Ion Ratio Lower Upper

99 100

42 18.6 16.3 24.5

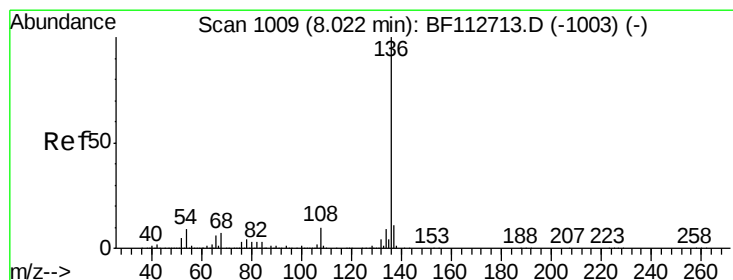
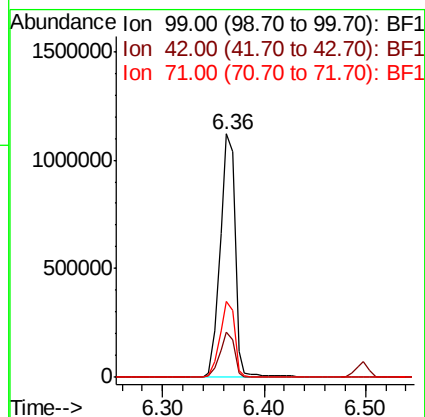
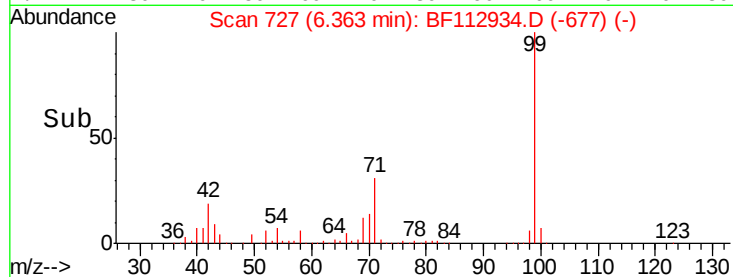
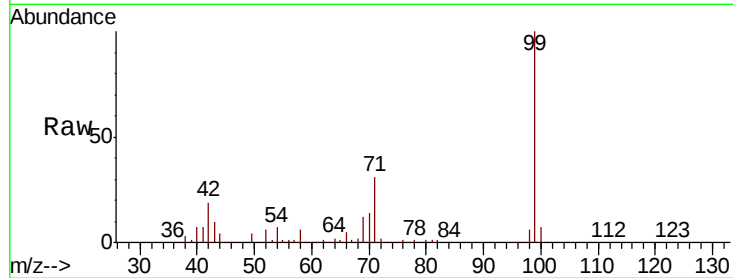
71 31.3 26.2 39.4

Manual Integrations

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#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.01 min Scan# 1007

Delta R.T. -0.01 min

Lab File: BF112934.D

Acq: 7 Mar 2019 21:07

Tgt Ion: 136 Resp: 567983

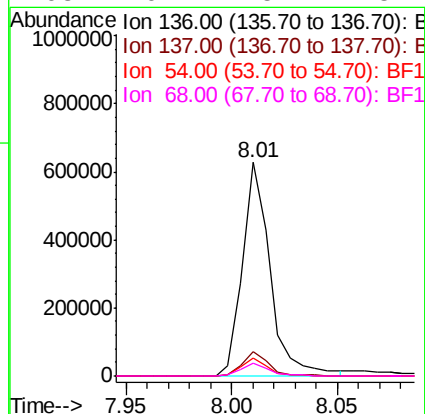
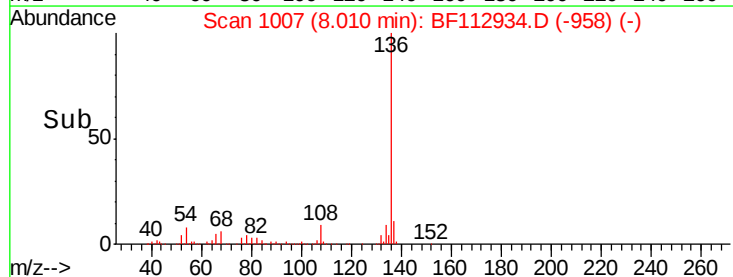
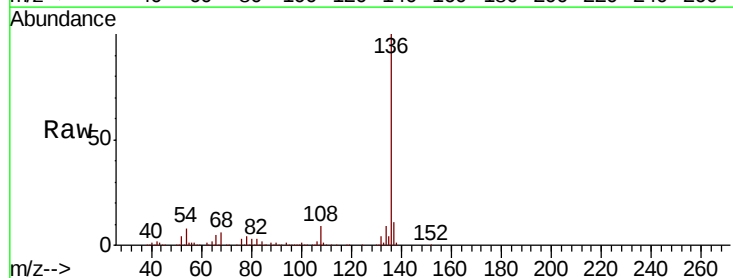
Ion Ratio Lower Upper

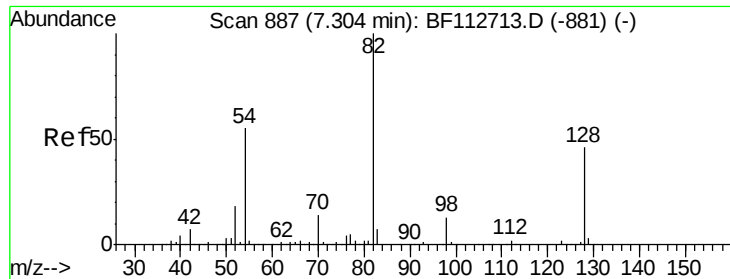
136 100

137 11.2 8.9 13.3

54 8.4 7.3 10.9

68 6.2 5.4 8.2





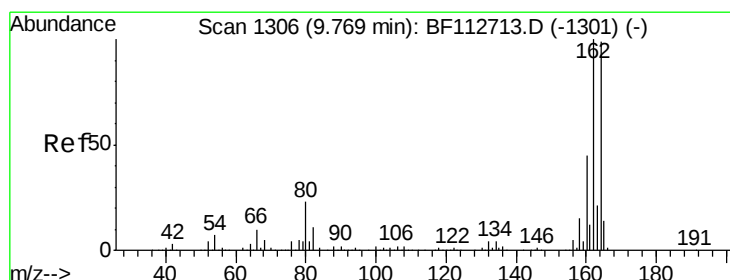
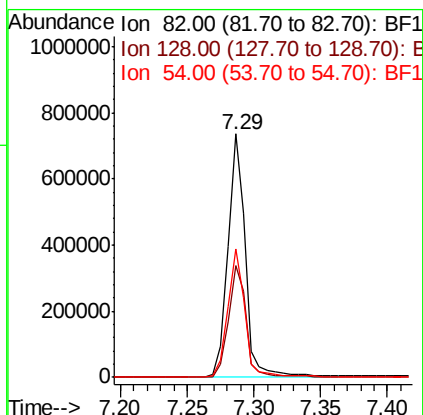
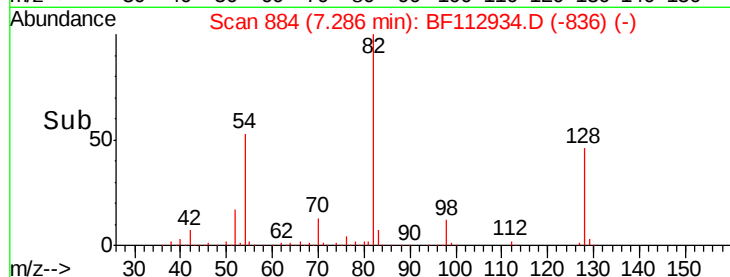
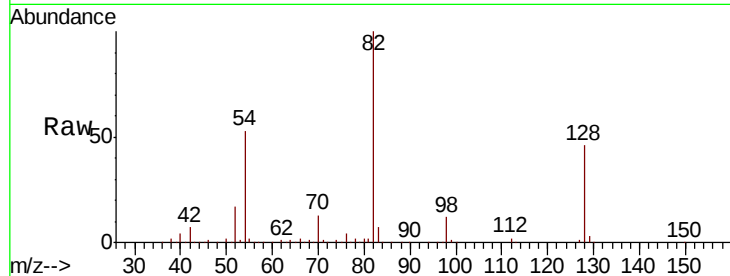
#23
Nitrobenzene-d5
Concen: 72.107 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.02 min
Lab File: BF112934.D
Acq: 7 Mar 2019 21:07

Instrument :
BNA_F
ClientSampled :
TP-6AB-S

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.1	36.3	54.5
54	52.6	43.7	65.5

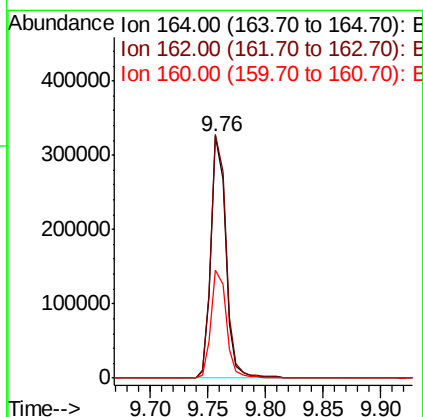
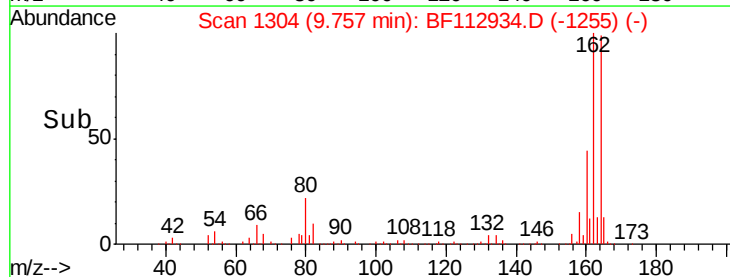
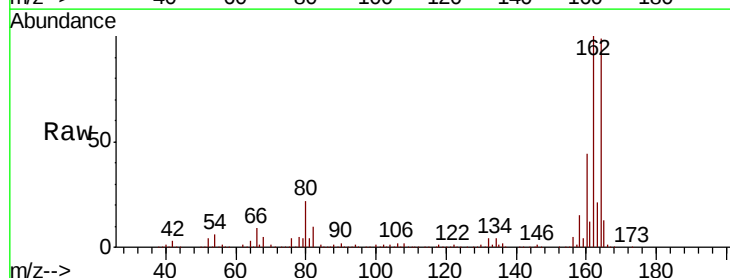
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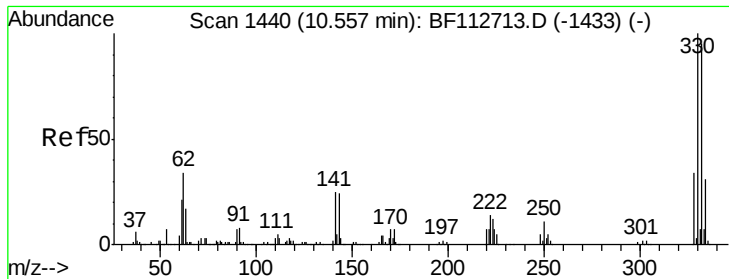
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1304
Delta R.T. -0.01 min
Lab File: BF112934.D
Acq: 7 Mar 2019 21:07

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.5	80.6	120.8
160	44.4	36.0	54.0





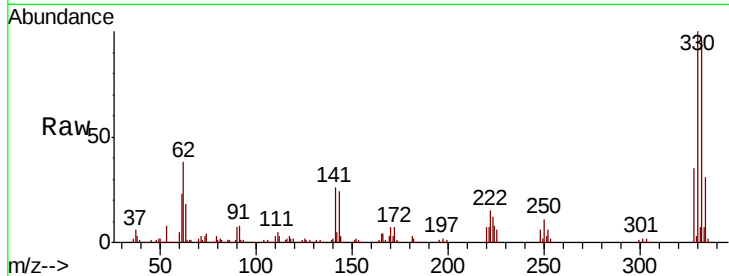
#42
 2,4,6-Tribromophenol
 Concen: 113.989 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: BF112934.D
 Acq: 7 Mar 2019 21:07

Instrument :
 BNA_F
 ClientSampled :
 TP-6AB-S

Tot Ion	Ratio	Resp	Lower	Upper
330	100	354830		
332	96.9	76.2	114.4	
141	28.2	27.0	40.6	

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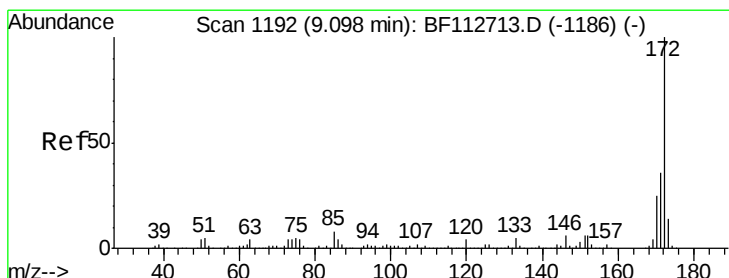
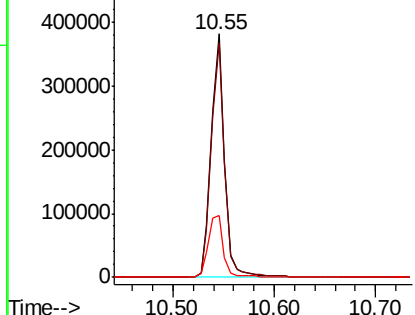
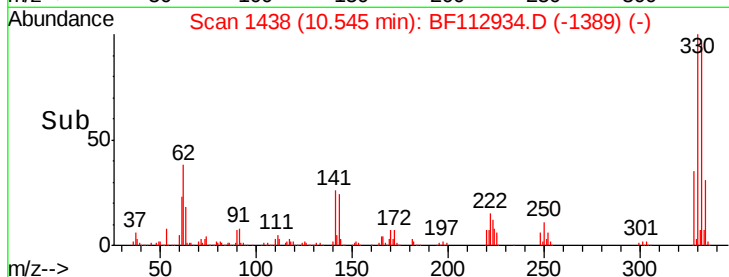


Abundance

Ion 329.80 (329.50 to 330.50): E

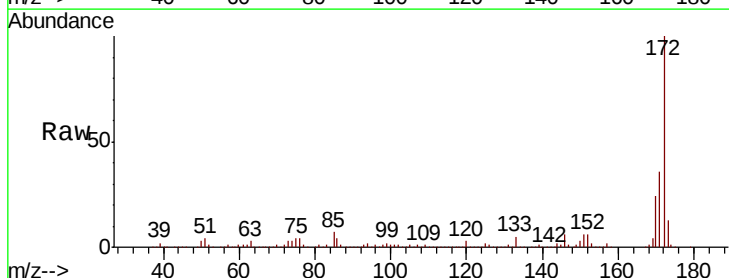
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 67.766 ng
 RT: 9.09 min Scan# 1190
 Delta R.T. -0.01 min
 Lab File: BF112934.D
 Acq: 7 Mar 2019 21:07

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1265125		
171	35.7	29.0	43.4	
170	24.4	20.0	30.0	

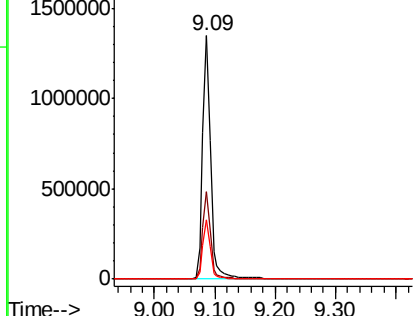
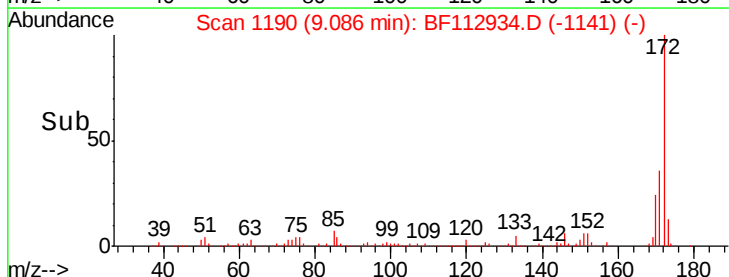


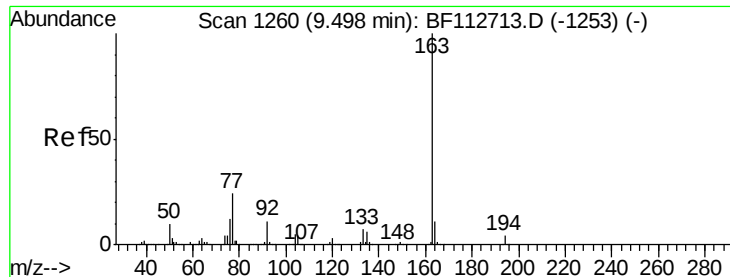
Abundance

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





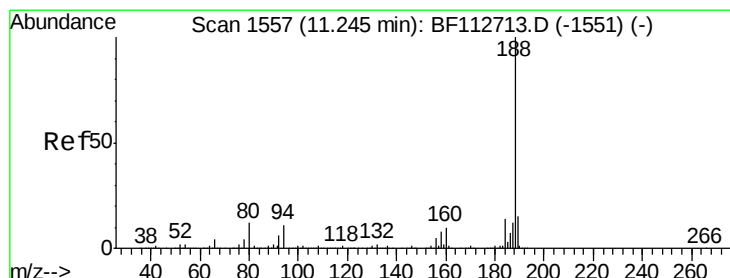
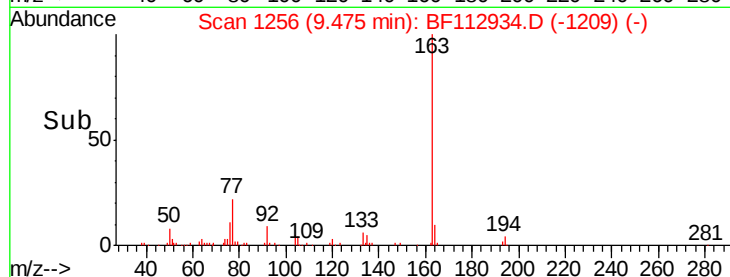
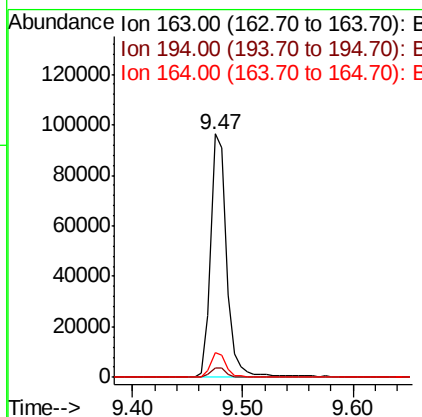
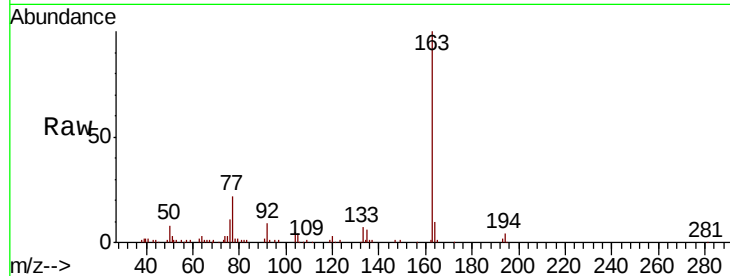
#50
Dimethylphthalate
Concen: 4.407 ng
RT: 9.47 min Scan# 1256
Delta R.T. -0.02 min
Lab File: BF112934.D
Acq: 7 Mar 2019 21:07

Instrument :
BNA_F
ClientSampleId :
TP-6AB-S

Tot Ion	Ion	Ratio	Resp	Lower	Upper
163	100		95270		
194	3.9			3.0	4.4
164	10.3			8.4	12.6

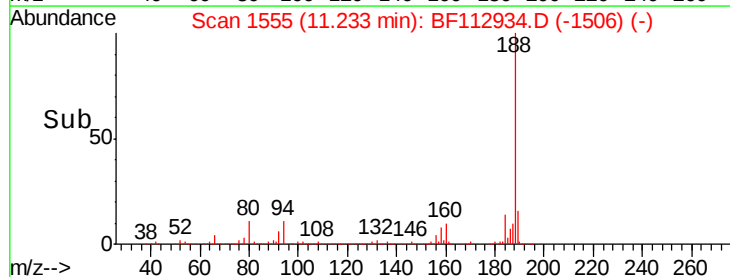
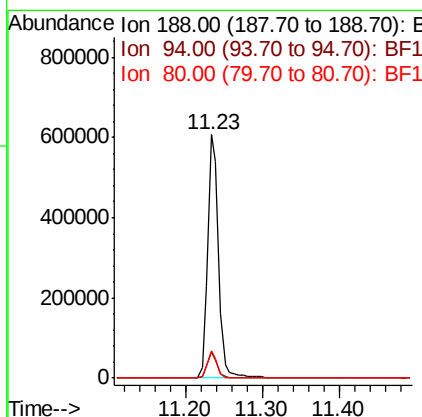
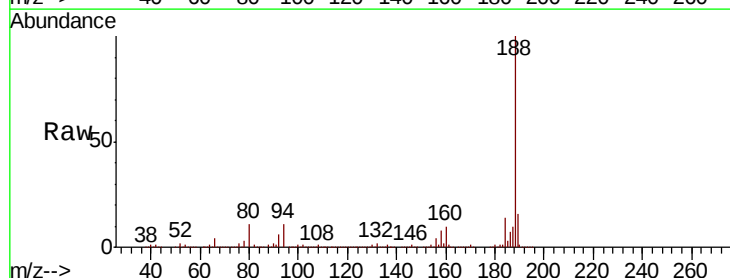
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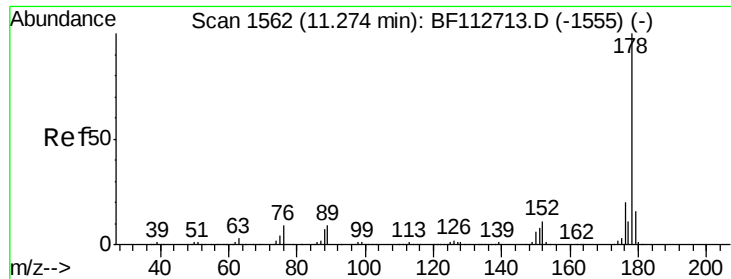
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1555
Delta R.T. -0.01 min
Lab File: BF112934.D
Acq: 7 Mar 2019 21:07

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		586525		
94	10.8			9.0	13.4
80	11.3			9.2	13.8





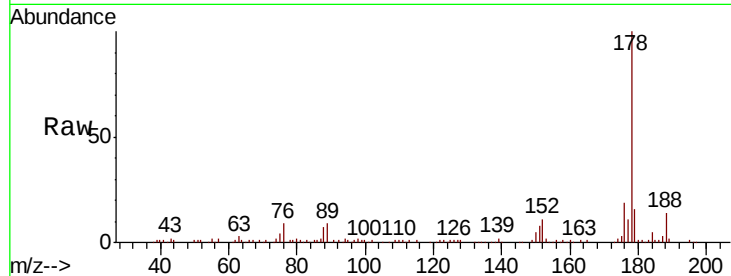
#71
Phenanthrene
Concen: 3.342 ng
RT: 11.26 min Scan# 1559
Delta R.T. -0.02 min
Lab File: BF112934.D
Acq: 7 Mar 2019 21:07

Instrument :
BNA_F
ClientSampleId :
TP-6AB-S

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.7	16.3	24.5
179	15.9	12.7	19.1

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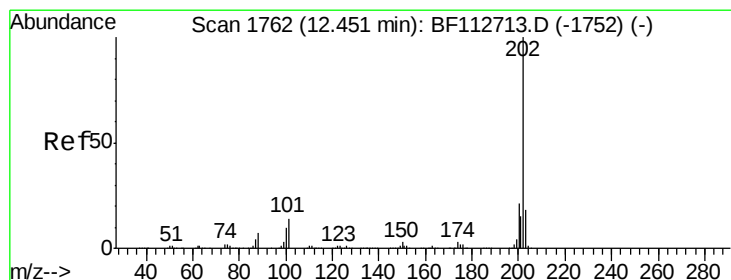
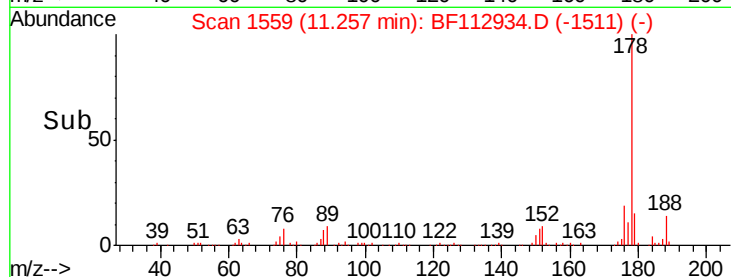
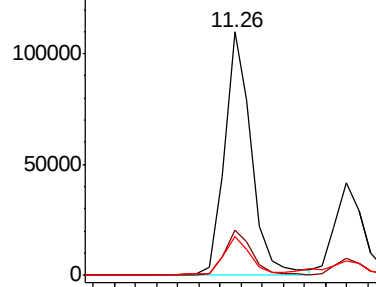


Abundance

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: 8.411 ng
RT: 12.44 min Scan# 1760
Delta R.T. -0.01 min
Lab File: BF112934.D
Acq: 7 Mar 2019 21:07

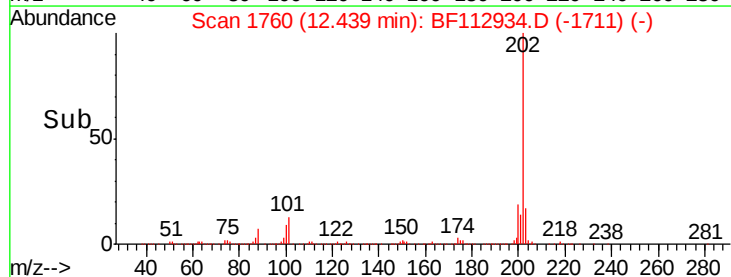
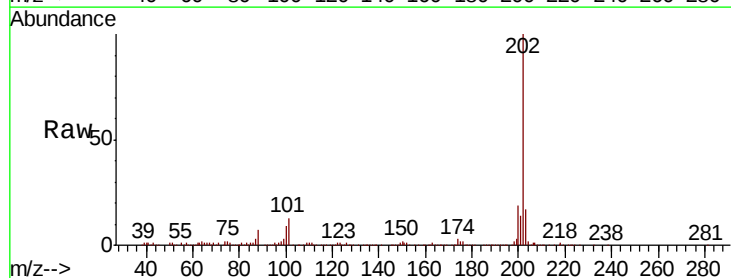
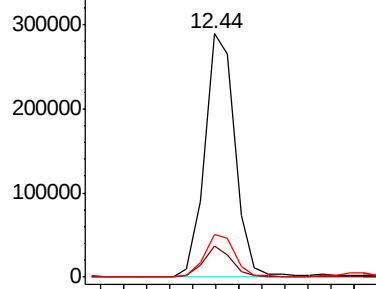
Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.9	0.0	33.8
203	17.3	0.0	38.4

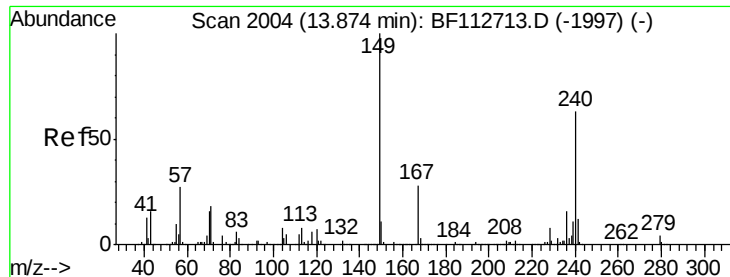
Abundance

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





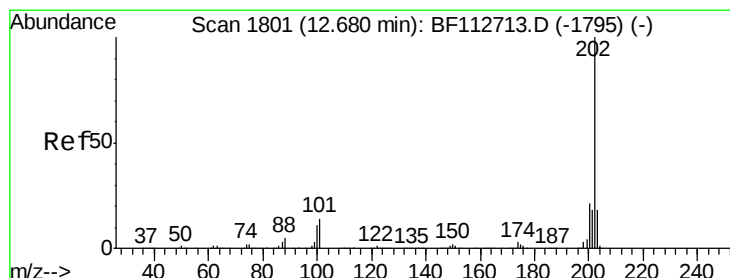
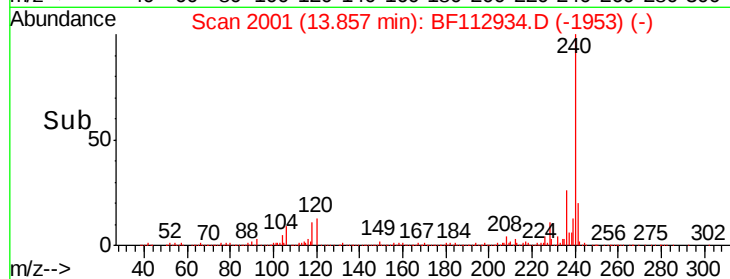
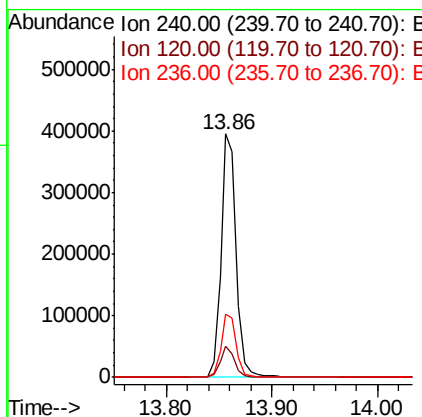
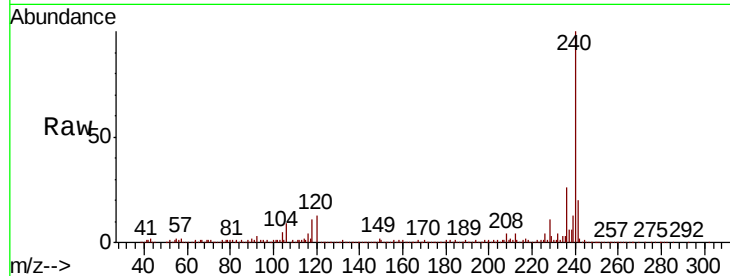
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.86 min Scan# 2001
Delta R.T. -0.02 min
Lab File: BF112934.D
Acq: 7 Mar 2019 21:07

Instrument :
BNA_F
ClientSampled :
TP-6AB-S

Tot Ion	Ratio	Resp	Lower	Upper
240	100	394514		
120	13.0	8.9	13.3	
236	26.0	20.7	31.1	

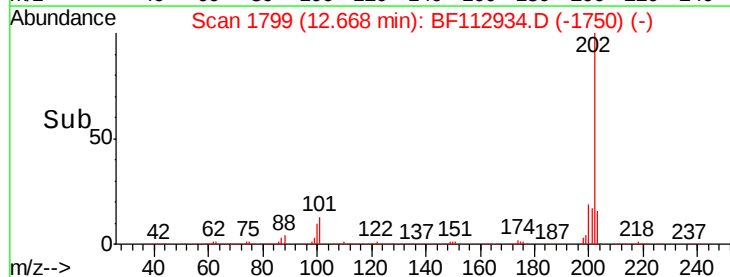
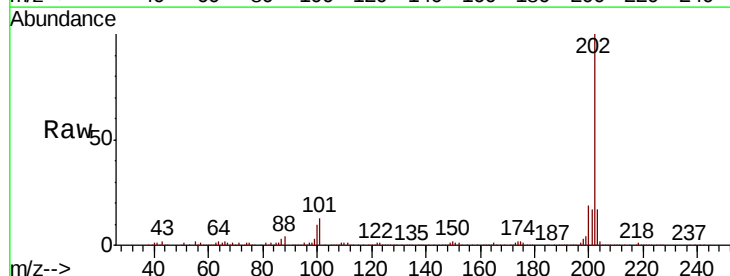
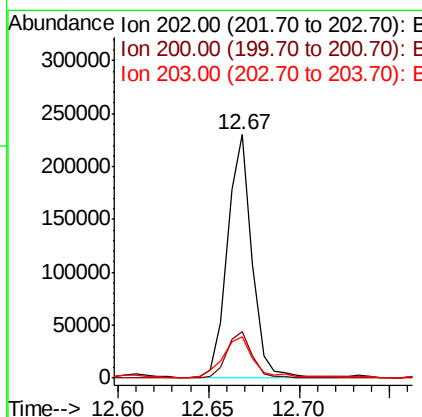
Manual Integrations
APPROVED

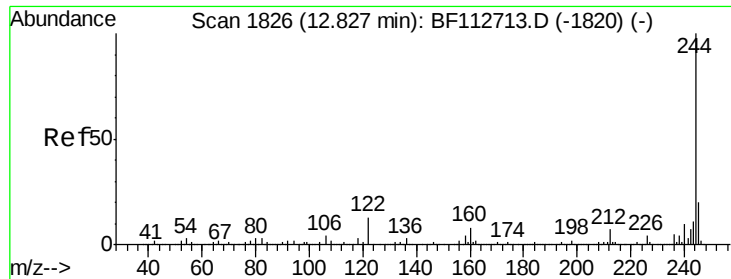
Sohil
3/8/2019 9:26:13 AM



#78
Pyrene
Concen: 6.452 ng
RT: 12.67 min Scan# 1799
Delta R.T. -0.01 min
Lab File: BF112934.D
Acq: 7 Mar 2019 21:07

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	214593		
200	19.2	17.0	25.4	
203	17.2	14.4	21.6	





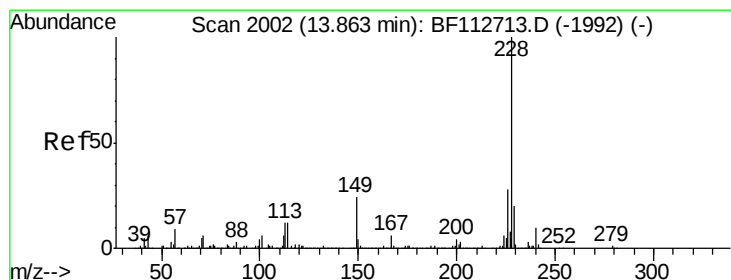
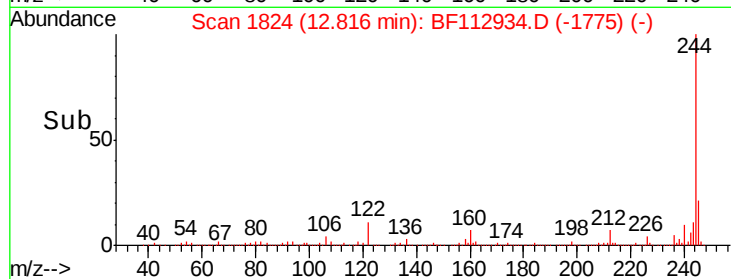
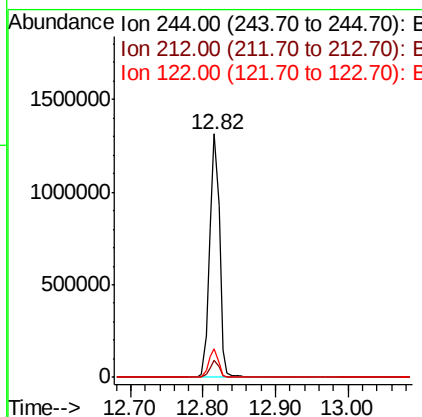
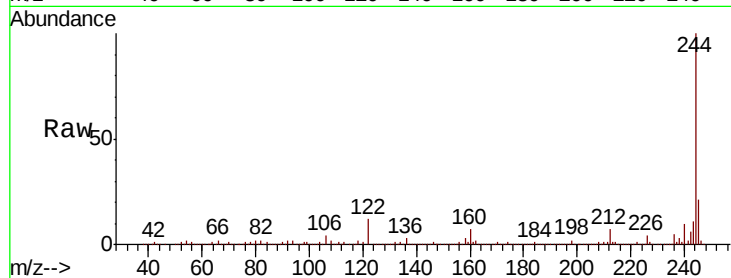
#79
 Terphenyl-d14
 Concen: 60.981 ng
 RT: 12.82 min Scan# 1824
 Delta R.T. -0.01 min
 Lab File: BF112934.D
 Acq: 7 Mar 2019 21:07

Instrument :
 BNA_F
 ClientSampled :
 TP-6AB-S

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.6	8.4
122	11.5	10.5	15.7

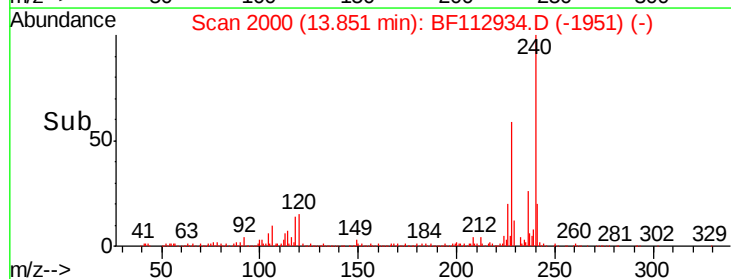
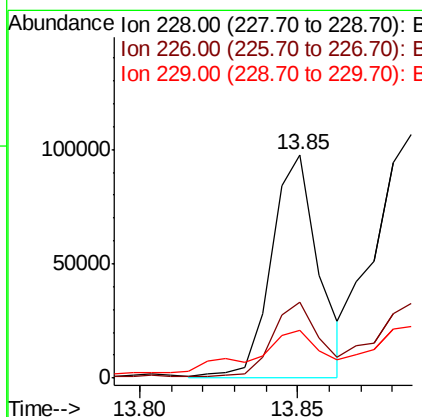
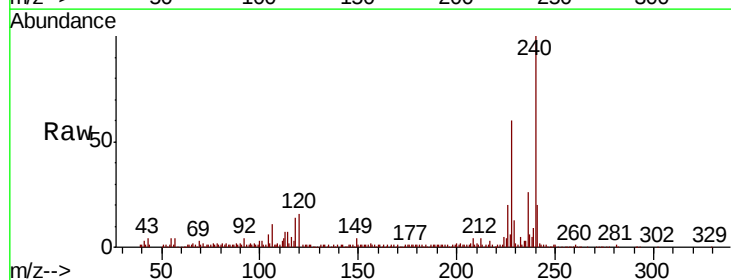
Manual Integrations
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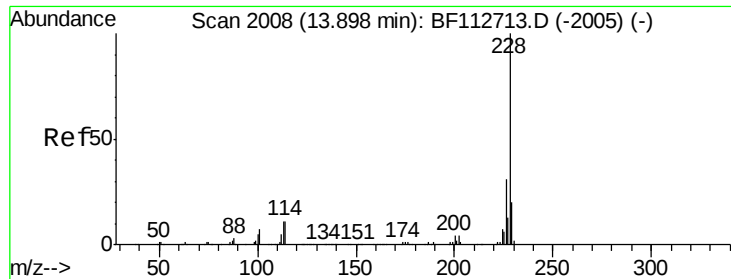
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#81
 Benzo(a)anthracene
 Concen: 3.718 ng m
 RT: 13.85 min Scan# 2000
 Delta R.T. -0.01 min
 Lab File: BF112934.D
 Acq: 7 Mar 2019 21:07

Tgt Ion	Ratio	Lower	Upper
228	100		
226	34.2	22.2	33.4#
229	21.7	16.0	24.0





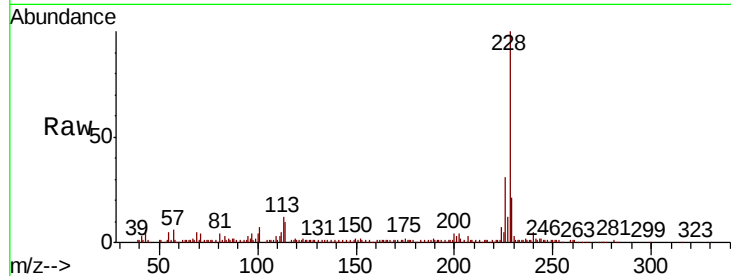
#83
Chrysene
Concen: 4.633 ng
RT: 13.89 min Scan# 2006
Delta R.T. -0.01 min
Lab File: BF112934.D
Acq: 7 Mar 2019 21:07

Instrument :
BNA_F
ClientSampleId :
TP-6AB-S

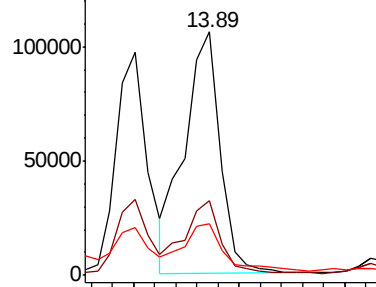
Tot Ion:	228	Resp:	124095
Ion Ratio		Lower	Upper
228	100		
226	30.8	24.9	37.3
229	21.3	16.3	24.5

Manual Integrations
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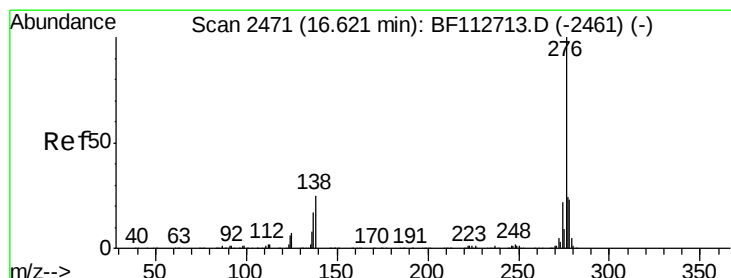
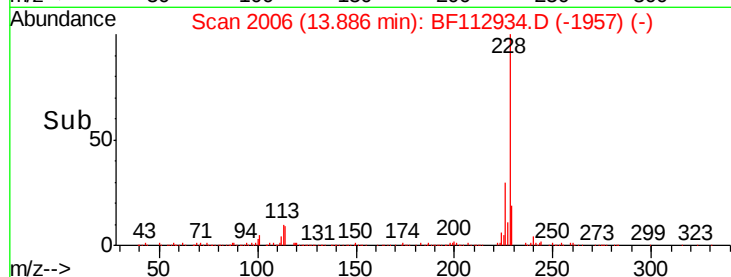
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Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



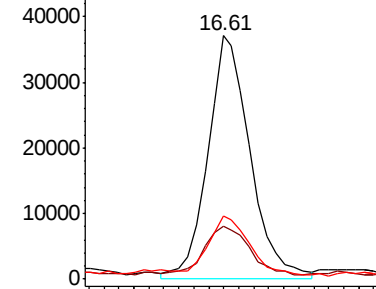
Time-->



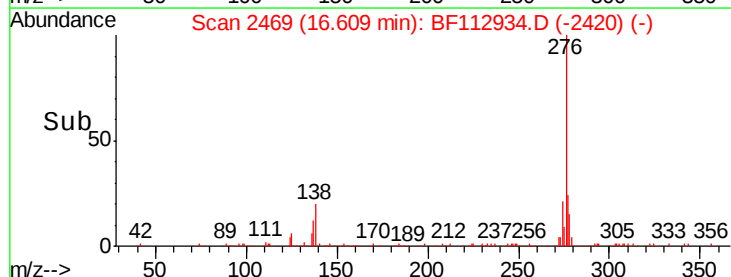
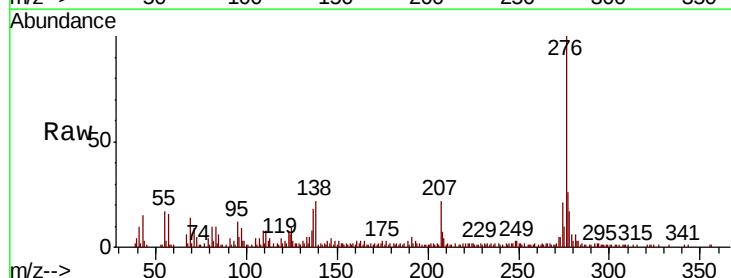
#86
Indeno(1,2,3-cd)pyrene
Concen: 3.217 ng m
RT: 16.61 min Scan# 2469
Delta R.T. -0.01 min
Lab File: BF112934.D
Acq: 7 Mar 2019 21:07

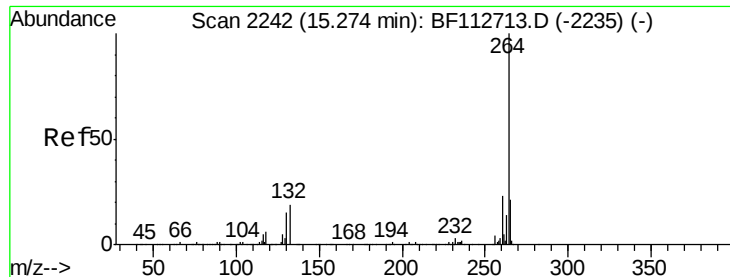
Tgt Ion:	276	Resp:	73456
Ion Ratio		Lower	Upper
276	100		
138	5.0	23.2	34.8#
277	4.5	19.9	29.9#

Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E



Time-->





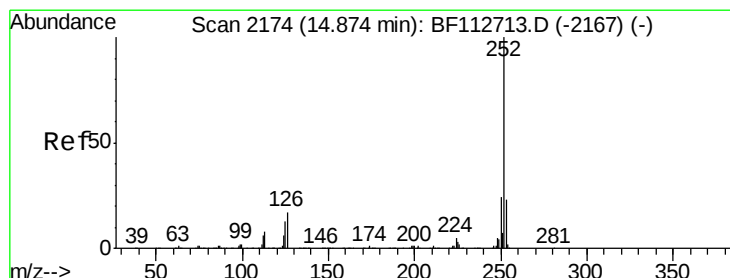
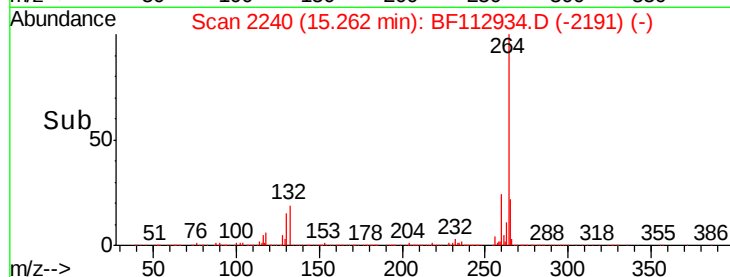
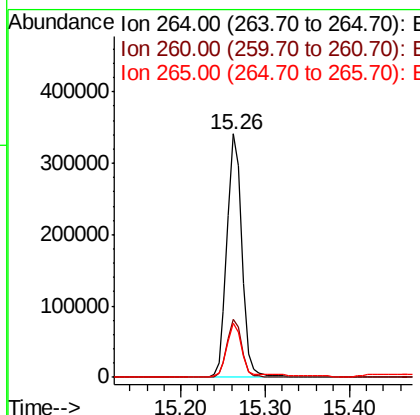
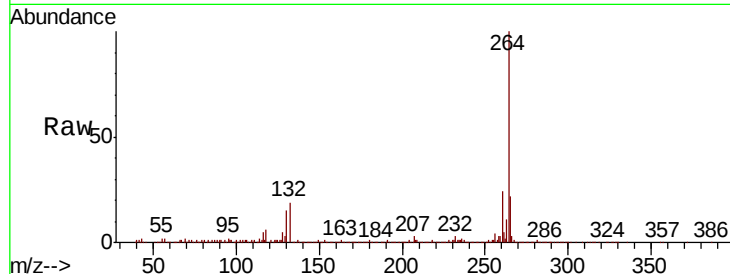
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.26 min Scan# 2240
Delta R.T. -0.01 min
Lab File: BF112934.D
Acq: 7 Mar 2019 21:07

Instrument :
BNA_F
ClientSampleId :
TP-6AB-S

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.0	18.7	28.1
265	22.0	17.2	25.8

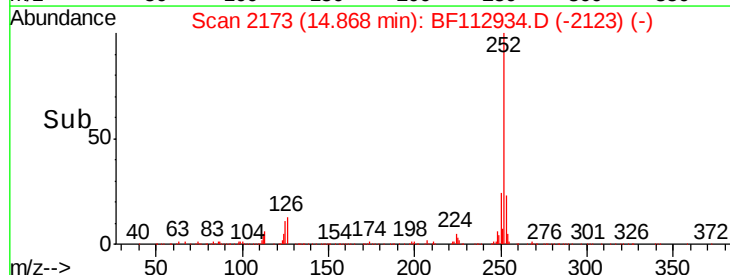
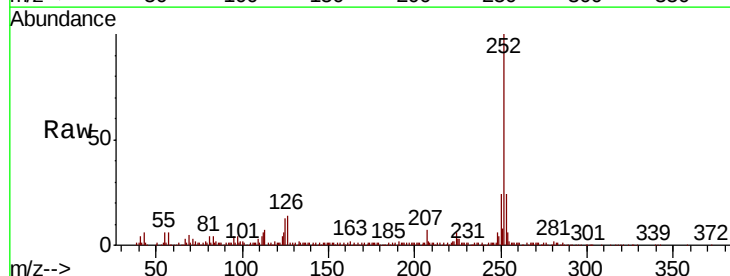
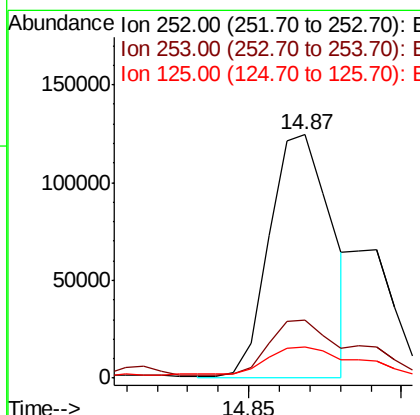
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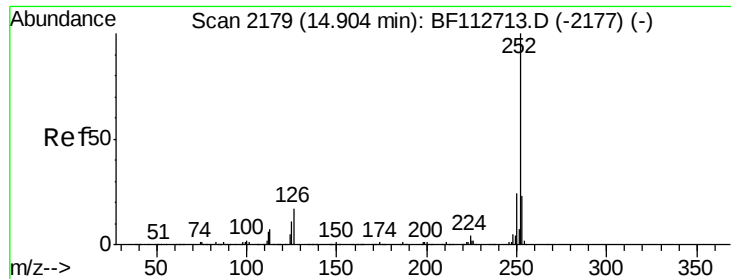
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#88
Benzo(b)fluoranthene
Concen: 6.545 ng m
RT: 14.87 min Scan# 2173
Delta R.T. -0.01 min
Lab File: BF112934.D
Acq: 7 Mar 2019 21:07

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.7	18.0	27.0
125	12.9	10.2	15.2





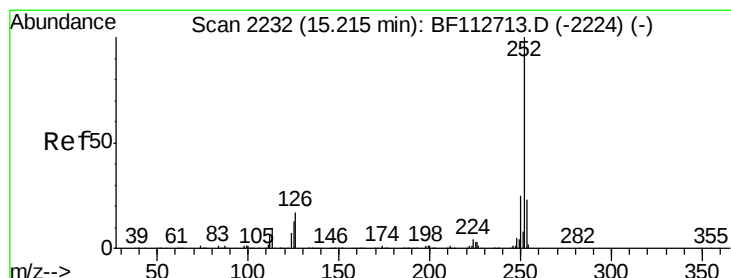
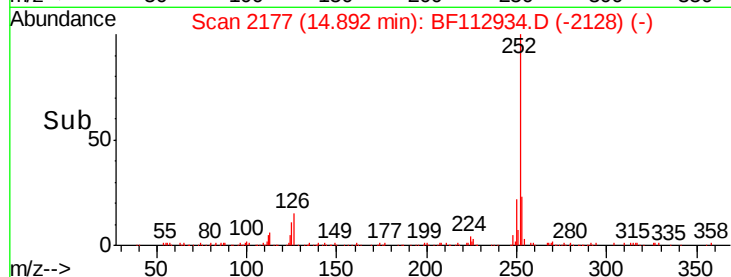
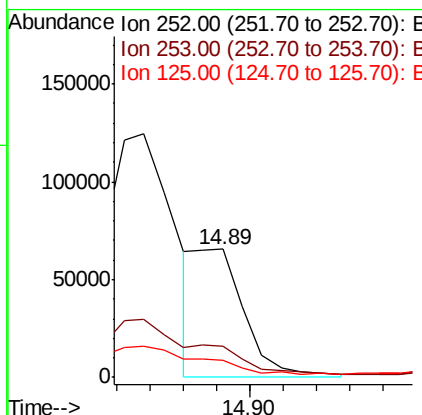
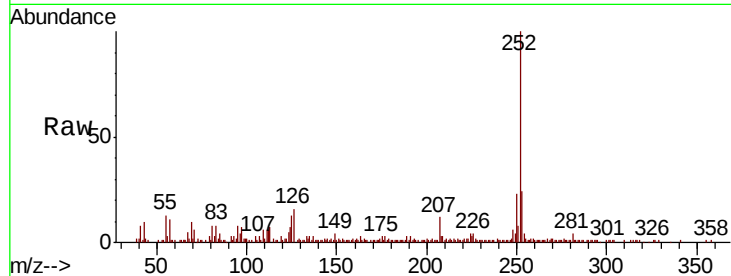
#89
Benzo(k)fluoranthene
Concen: 2.742 ng
RT: 14.89 min Scan# 2177
Delta R.T. -0.01 min
Lab File: BF112934.D
Acq: 7 Mar 2019 21:07

Instrument :
BNA_F
ClientSampleId :
TP-6AB-S

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.1	18.2	27.2
125	13.4	9.8	14.6

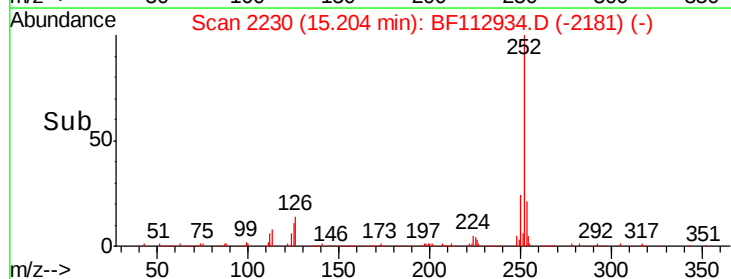
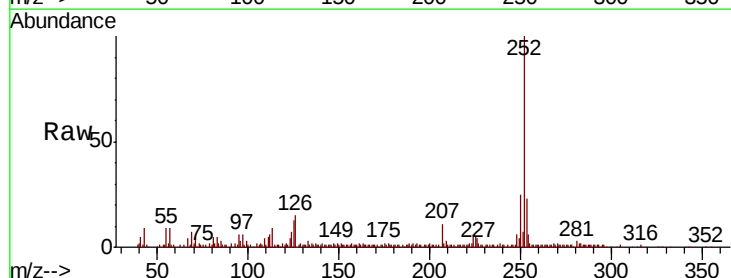
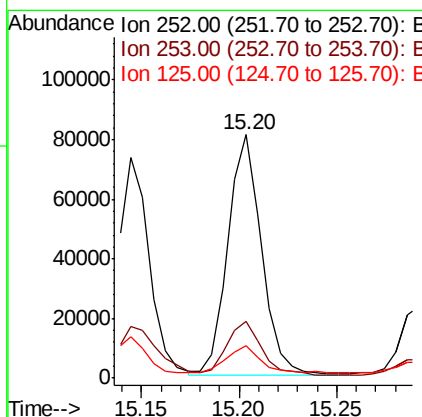
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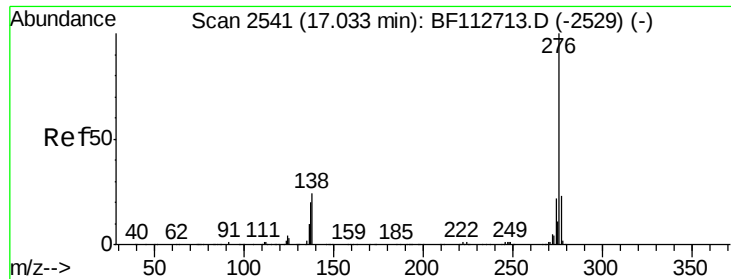
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#90
Benzo(a)pyrene
Concen: 4.056 ng
RT: 15.20 min Scan# 2230
Delta R.T. -0.01 min
Lab File: BF112934.D
Acq: 7 Mar 2019 21:07

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.4	18.0	27.0
125	13.2	10.7	16.1





#92
 Benzo(a,h,i)perylene
 Concen: 2.713 ng
 RT: 17.02 min Scan# 2539
 Delta R.T. -0.01 min
 Lab File: BF112934.D
 Acq: 7 Mar 2019 21:07

Instrument :
 BNA_F
 ClientSampleId :
 TP-6AB-S

Tot Ion	Ratio	Lower	Upper
276	100		
277	26.7	18.6	27.8
138	24.8	19.4	29.0

Manual Integrations
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