

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF042219\
 Data File : BF113892.D
 Acq On : 22 Apr 2019 21:50
 Operator : JU/SJ
 Sample : K2515-19
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-13

Manual Integrations
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Quant Time: Apr 23 05:13:01 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 23 03:32:35 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	118492	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	413053	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	194057	20.00	ng	0.00
64) Phenanthrene-d10	11.41	188	327901	20.00	ng	0.00
76) Chrysene-d12	14.04	240	289750	20.00	ng	-0.02
87) Perylene-d12	15.53	264	371754	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	1304460	188.29	ng	0.00
7) Phenol-d6	6.53	99	1645728	189.34	ng	0.00
23) Nitrobenzene-d5	7.45	82	1011157	151.15	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	448446	189.70	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	1841618	148.43	ng	0.00
79) Terphenyl-d14	13.00	244	1745471	123.50	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.64	163	140924	10.041	ng	98
75) Fluoranthene	12.62	202	66084	3.676	ng	97
78) Pyrene	12.85	202	58421	2.883	ng	98
81) Benzo(a)anthracene	14.03	228	37126	2.175	ng	98
83) Chrysene	14.07	228	38054	2.289	ng	97
86) Indeno(1,2,3-cd)pyrene	17.00	276	36493	2.317	ng	95
88) Benzo(b)fluoranthene	15.09	252	63288m	2.691	ng	
90) Benzo(a)pyrene	15.46	252	44017	2.164	ng	96

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

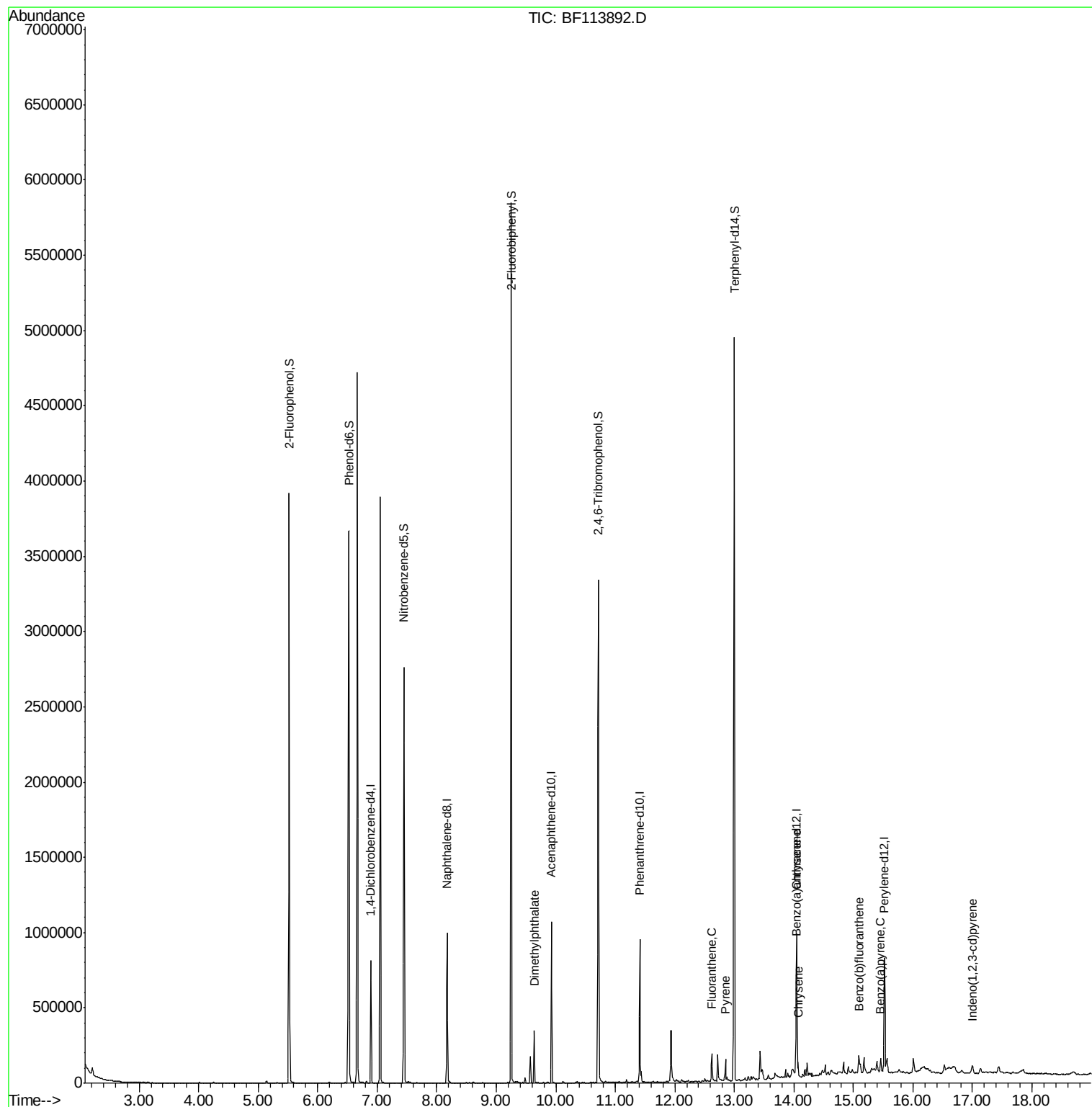
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF042219\
Data File : BF113892.D
Acq On : 22 Apr 2019 21:50
Operator : JU/SJ
Sample : K2515-19
Misc :
ALS Vial : 10 Sample Multiplier: 1

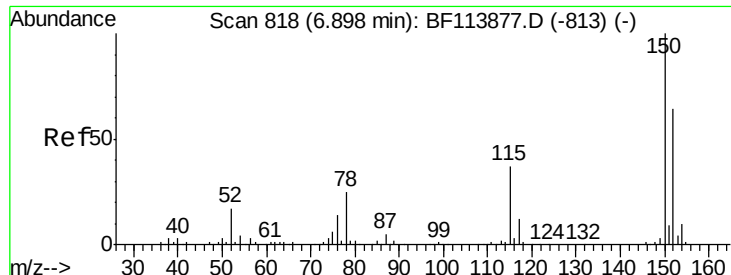
Instrument :
BNA_F
ClientSampleId :
TP-13

Quant Time: Apr 23 05:13:01 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 23 03:32:35 2019
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#1

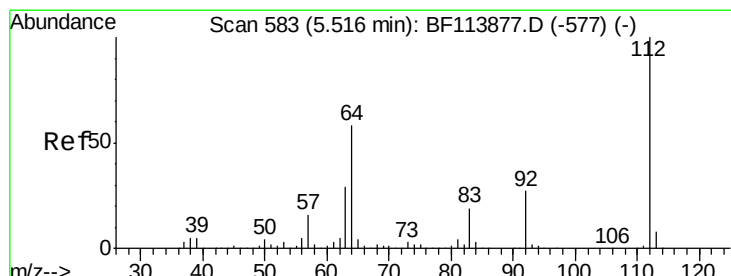
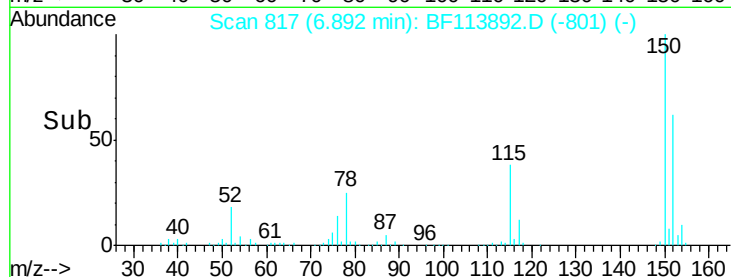
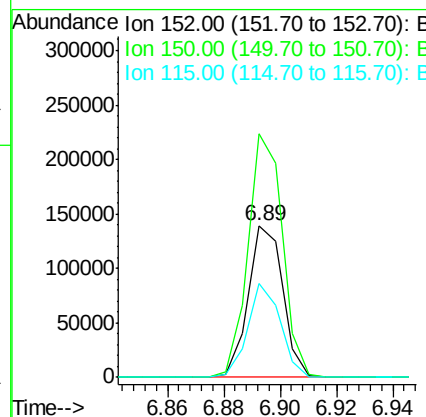
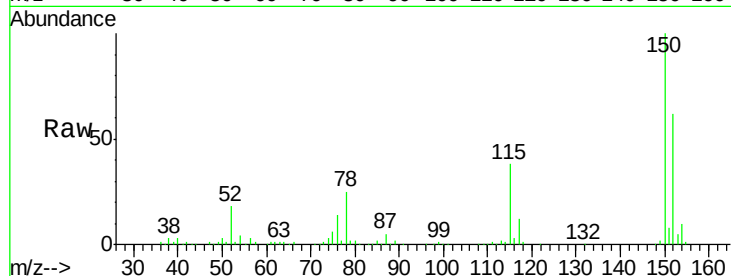
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 817
Delta R.T. -0.01 min
Lab File: BF113892.D
Acq: 22 Apr 2019 21:50

Instrument :
BNA_F
ClientSampled :
TP-13

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	118492		
150	160.5	125.9	188.9	
115	61.6	45.9	68.9	

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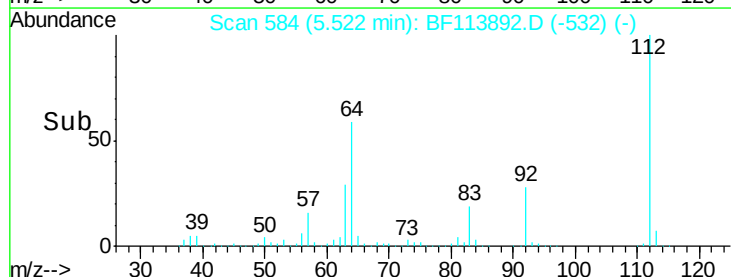
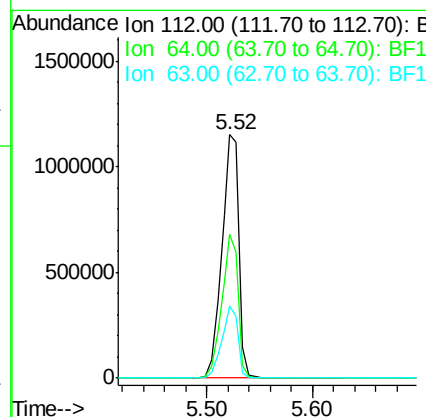
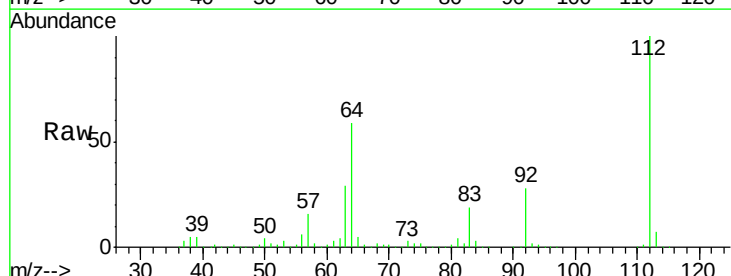
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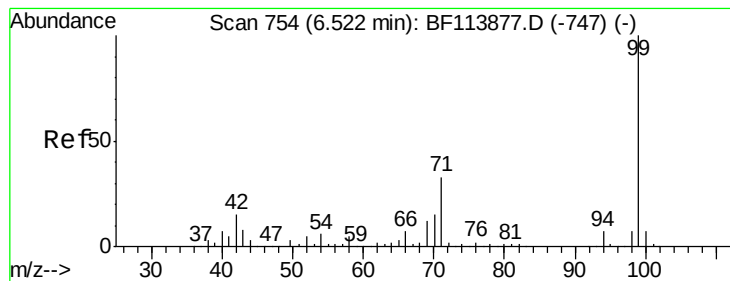


#5

2-Fluorophenol
Concen: 188.290 ng
RT: 5.52 min Scan# 584
Delta R.T. 0.01 min
Lab File: BF113892.D
Acq: 22 Apr 2019 21:50

Tgt Ion	Ratio	Resp	Lower	Upper
112	100	1304460		
64	58.9	46.6	69.8	
63	29.4	23.1	34.7	





#7

Phenol-d6

Concen: 189.341 ng

RT: 6.53 min Scan# 755

Delta R.T. 0.01 min

Lab File: BF113892.D

Acq: 22 Apr 2019 21:50

Instrument :

BNA_F

ClientSampled :

TP-13

Tgt Ion: 99 Resp: 1645728

Ion Ratio Lower Upper

99 100

42 14.7 12.5 18.7

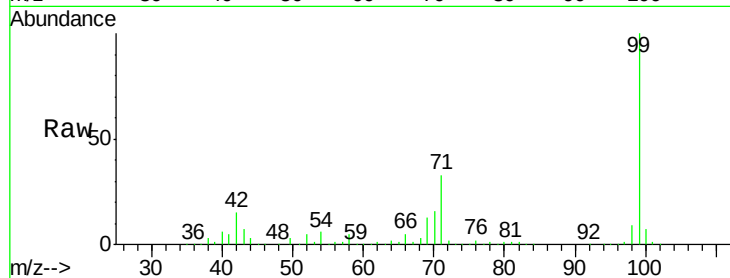
71 33.5 26.9 40.3

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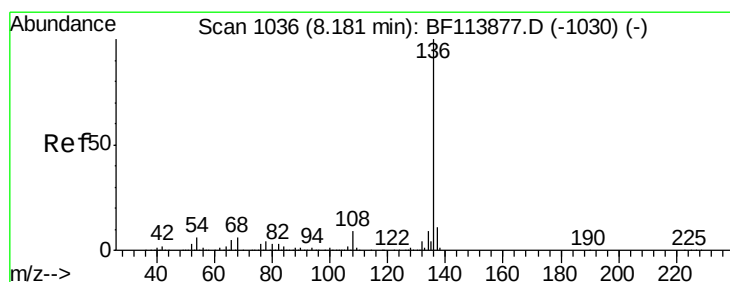
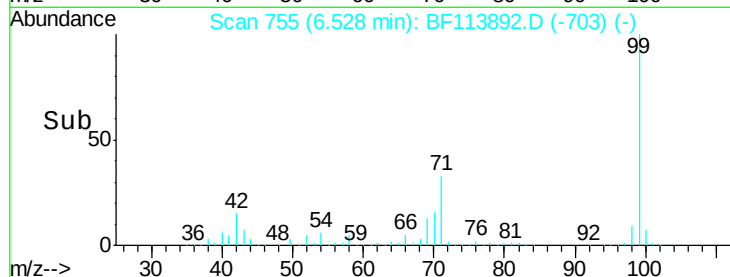
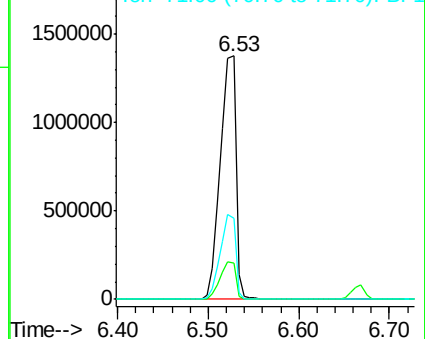
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Abundance Ion 99.00 (98.70 to 99.70): BF1

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: 8.17 min Scan# 1035

Delta R.T. -0.01 min

Lab File: BF113892.D

Acq: 22 Apr 2019 21:50

Tgt Ion: 136 Resp: 413053

Ion Ratio Lower Upper

136 100

137 11.1 8.6 12.8

54 6.1 5.0 7.6

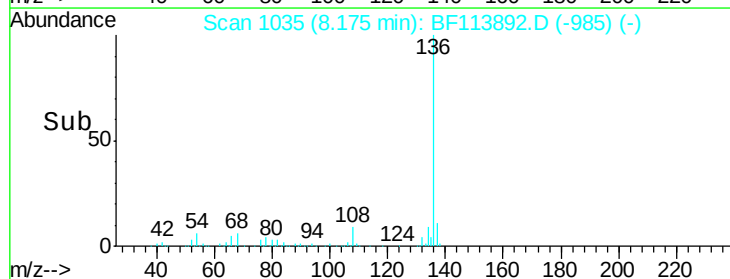
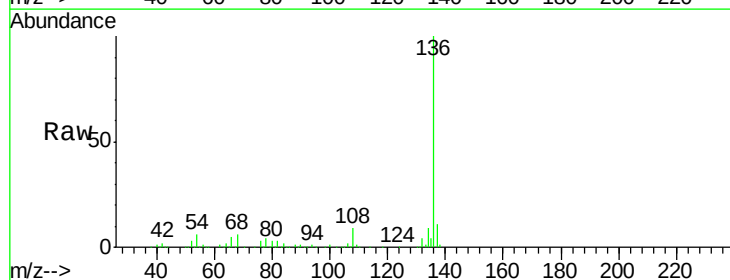
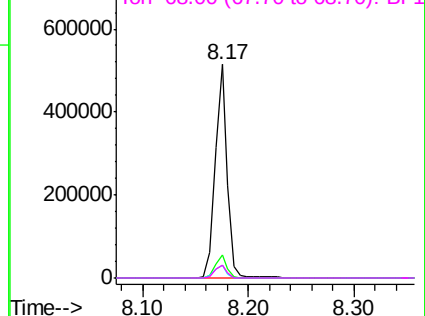
68 6.1 4.9 7.3

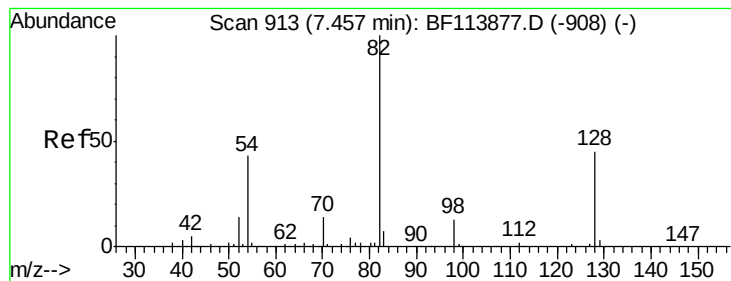
Abundance Ion 136.00 (135.70 to 136.70): E

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: 151.150 ng

RT: 7.45 min Scan# 912

Delta R.T. -0.01 min

Lab File: BF113892.D

Acq: 22 Apr 2019 21:50

Instrument :

BNA_F

ClientSampled :

TP-13

Tgt Ion: 82 Resp: 1011157
Ion Ratio Lower Upper

82 100

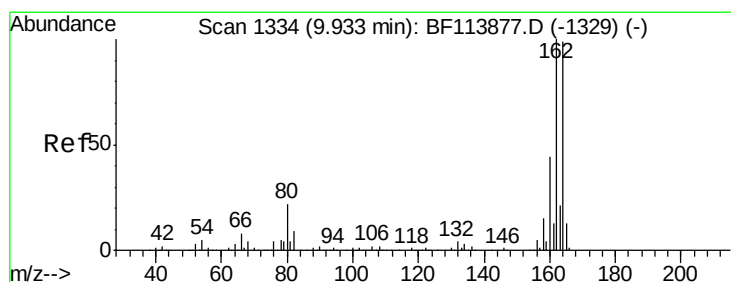
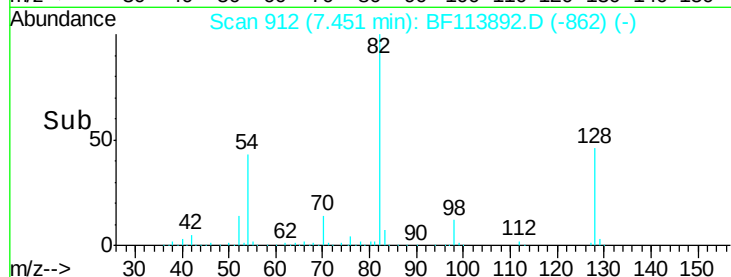
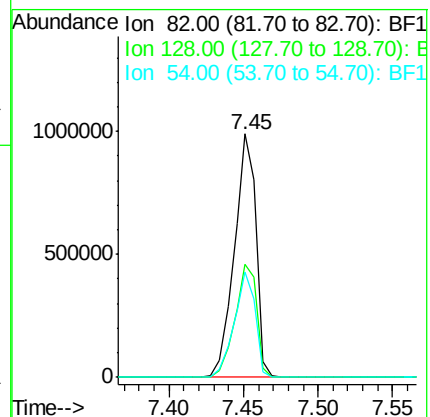
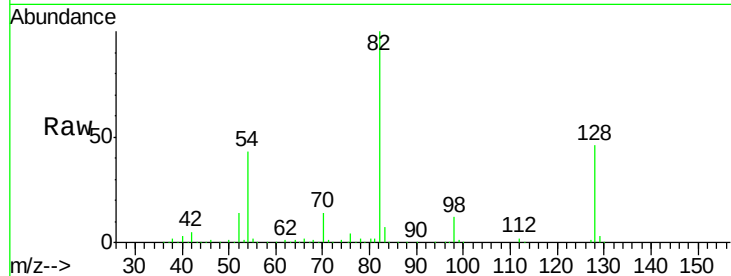
128 46.3 36.8 55.2

54 43.1 33.8 50.6

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#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.93 min Scan# 1333

Delta R.T. -0.01 min

Lab File: BF113892.D

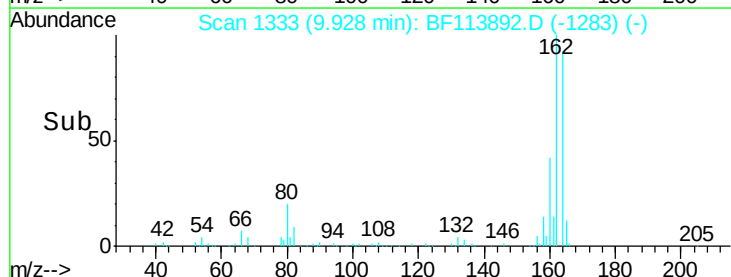
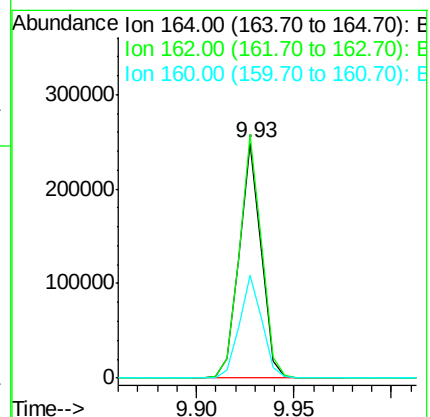
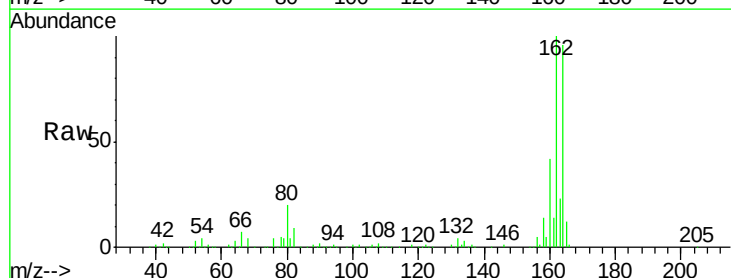
Acq: 22 Apr 2019 21:50

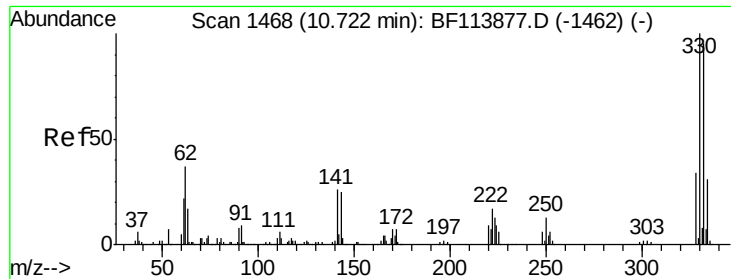
Tgt Ion: 164 Resp: 194057
Ion Ratio Lower Upper

164 100

162 103.7 81.1 121.7

160 43.8 35.8 53.6





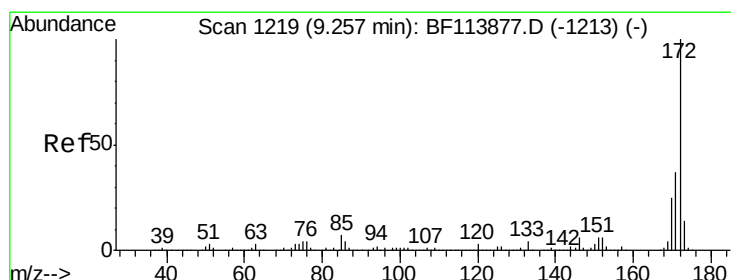
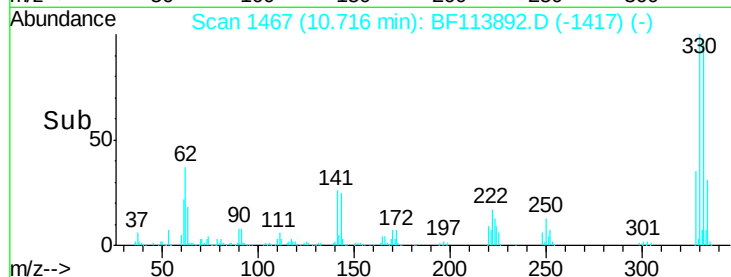
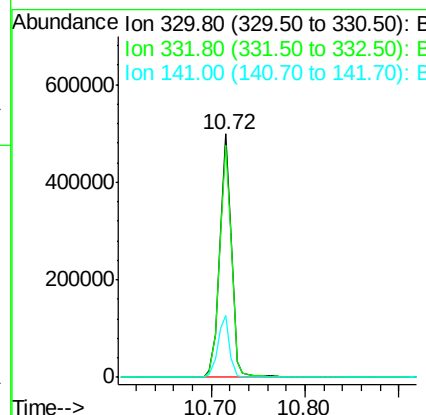
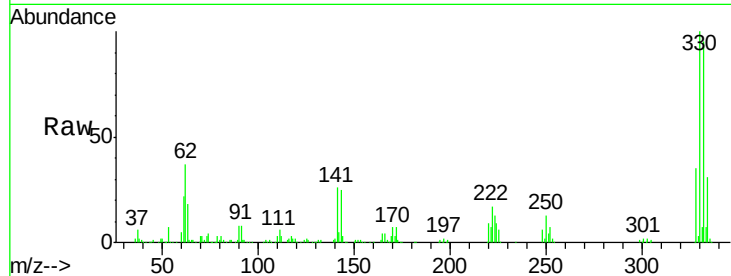
#42
 2,4,6-Tribromophenol
 Concen: 189.697 ng
 RT: 10.72 min Scan# 1467
 Delta R.T. -0.01 min
 Lab File: BF113892.D
 Acq: 22 Apr 2019 21:50

Instrument :
 BNA_F
 ClientSampleId :
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Tgt Ion	Ratio	Resp	Lower	Upper
330	100	448446		
332	97.1	77.5	116.3	
141	25.9	22.2	33.2	

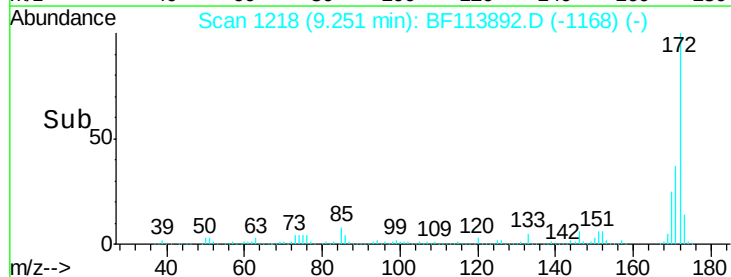
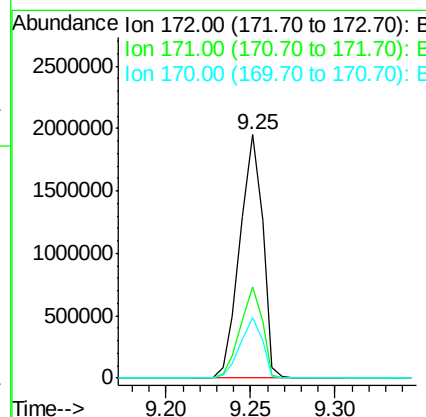
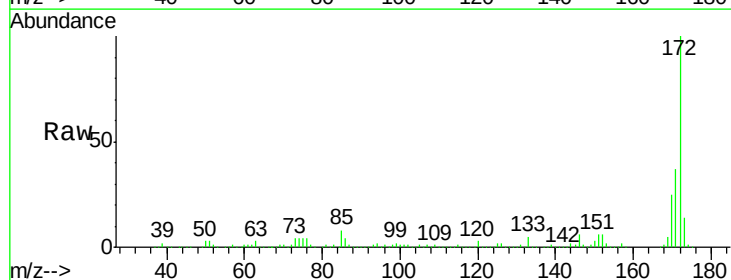
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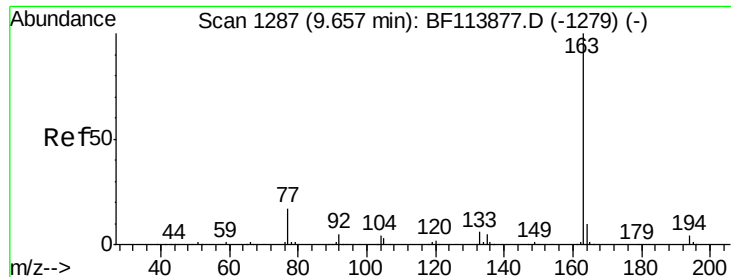
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#45
 2-Fluorobiphenyl
 Concen: 148.427 ng
 RT: 9.25 min Scan# 1218
 Delta R.T. -0.00 min
 Lab File: BF113892.D
 Acq: 22 Apr 2019 21:50

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1841618		
171	37.4	29.4	44.0	
170	25.0	19.9	29.9	





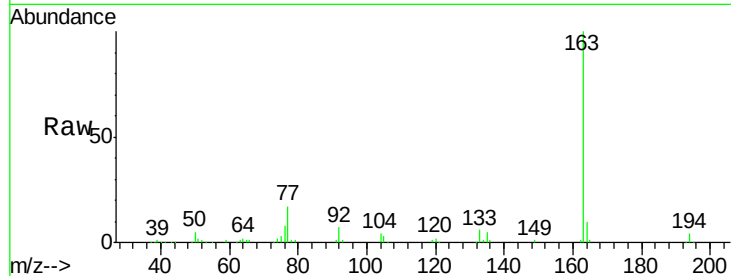
#50
Dimethylphthalate
Concen: 10.041 ng
RT: 9.64 min Scan# 1284
Delta R.T. -0.02 min
Lab File: BF113892.D
Acq: 22 Apr 2019 21:50

Instrument :
BNA_F
ClientSampleId :
TP-13

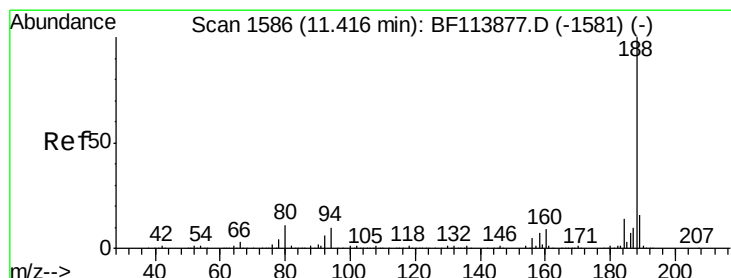
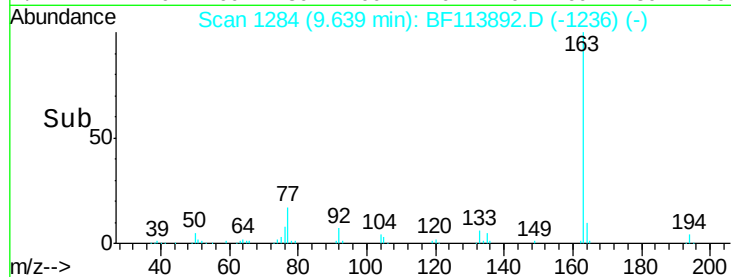
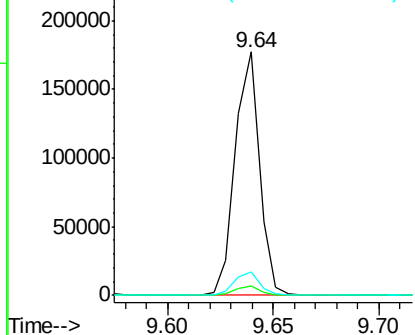
Tgt Ion	Ratio	Resp	Lower	Upper
163	100	140924		
194	4.0		3.4	5.2
164	9.6		8.5	12.7

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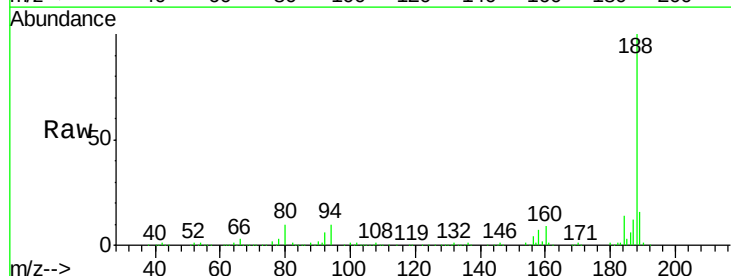


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

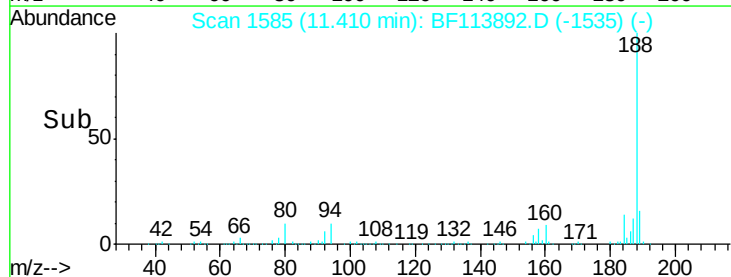
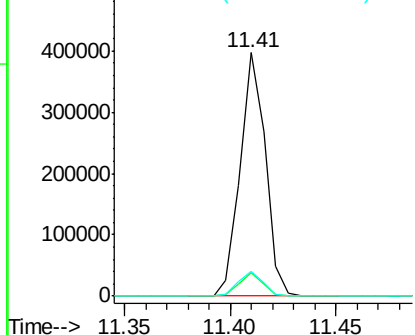


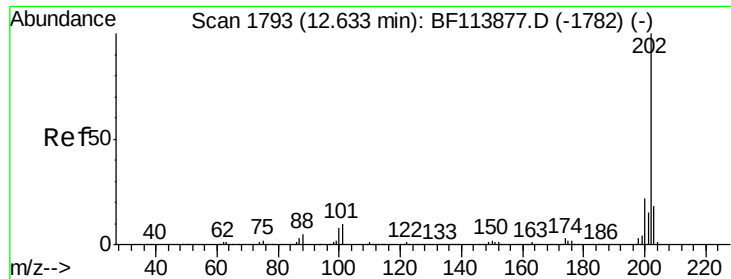
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.41 min Scan# 1585
Delta R.T. -0.01 min
Lab File: BF113892.D
Acq: 22 Apr 2019 21:50

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	327901		
94	9.6		8.2	12.4
80	10.3		9.0	13.6



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





#75

Fluoranthene

Concen: 3.676 ng

RT: 12.62 min Scan# 1791

Delta R.T. -0.01 min

Lab File: BF113892.D

Acq: 22 Apr 2019 21:50

Instrument :

BNA_F

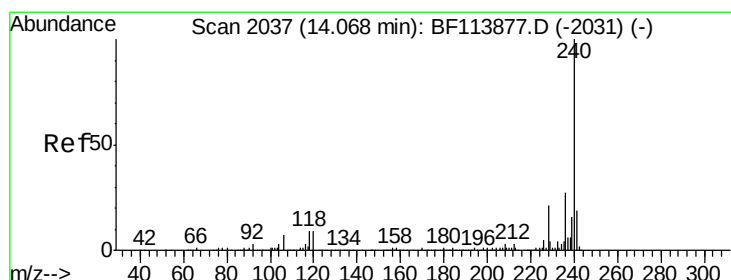
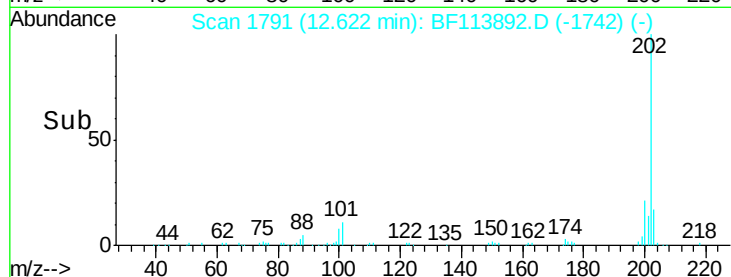
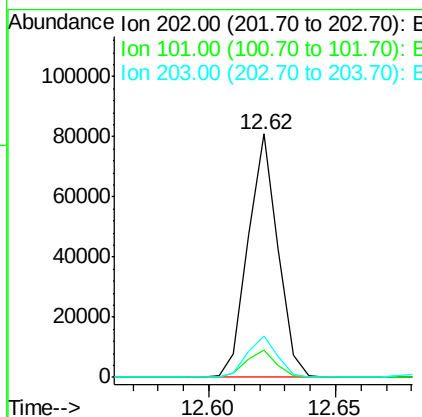
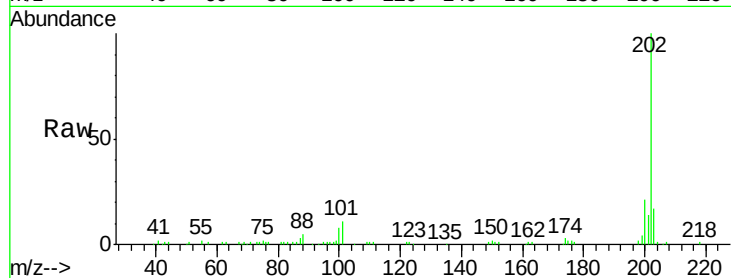
ClientSampled :

TP-13

Tgt Ion:	202	Resp:	66084
Ion Ratio	Lower	Upper	
202	100		
101	11.1	0.0	32.9
203	17.1	0.0	38.2

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#76

Chrysene-d12

Concen: 20.000 ng

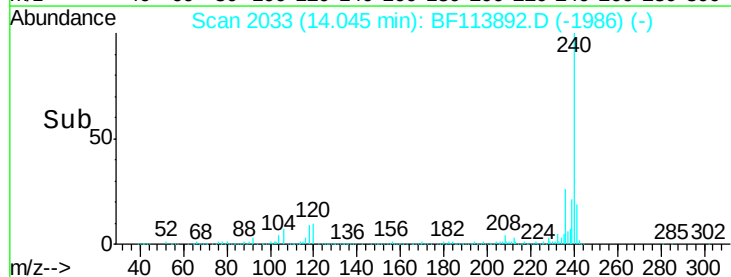
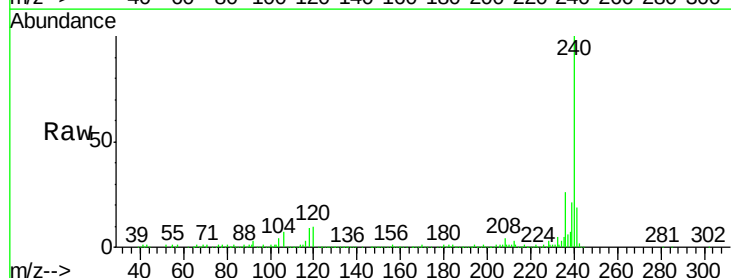
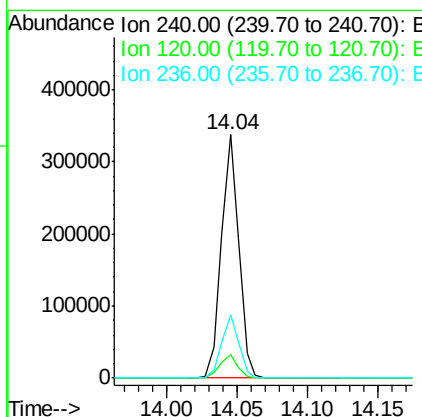
RT: 14.04 min Scan# 2033

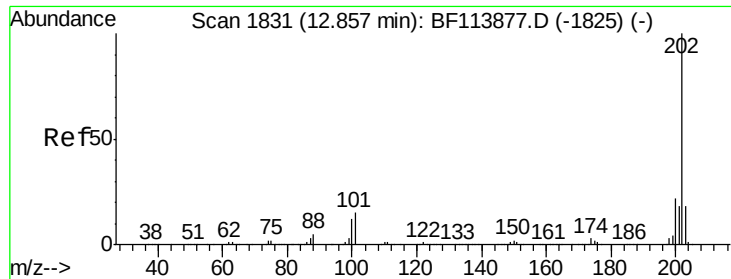
Delta R.T. -0.02 min

Lab File: BF113892.D

Acq: 22 Apr 2019 21:50

Tgt Ion:	240	Resp:	289750
Ion Ratio	Lower	Upper	
240	100		
120	9.7	9.3	13.9
236	26.0	21.2	31.8





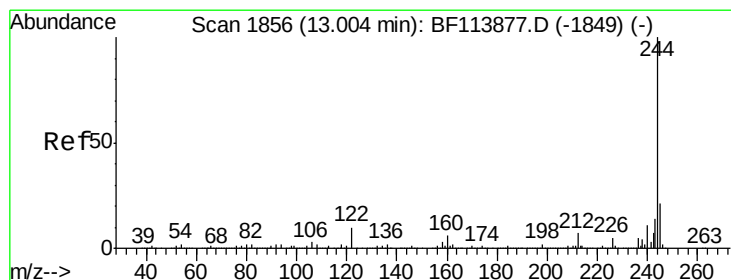
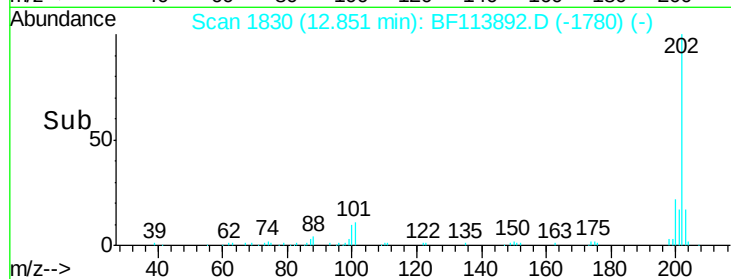
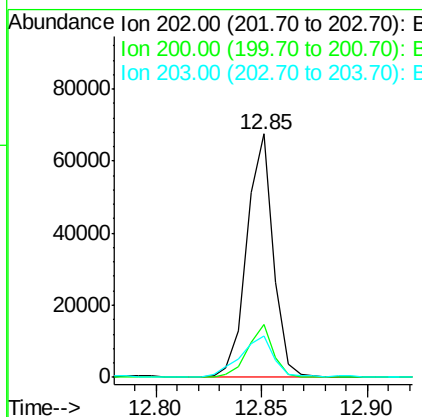
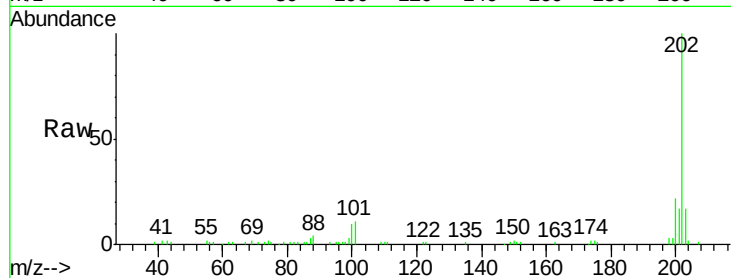
#78
 Pyrene
 Concen: 2.883 ng
 RT: 12.85 min Scan# 1830
 Delta R.T. -0.01 min
 Lab File: BF113892.D
 Acq: 22 Apr 2019 21:50

Instrument :
 BNA_F
 ClientSampleId :
 TP-13

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	58421		
200	21.7		17.7	26.5
203	16.8		15.0	22.6

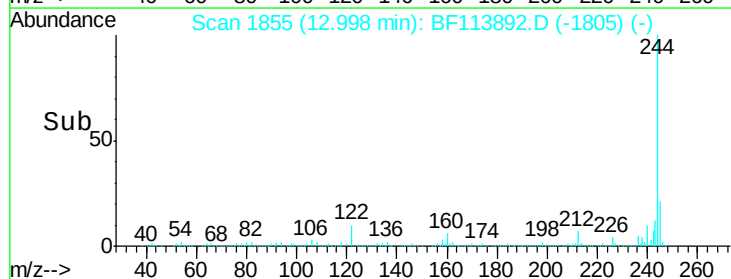
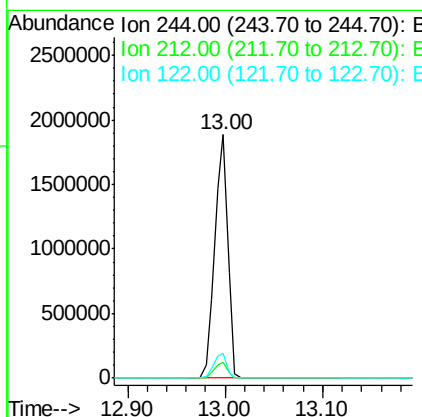
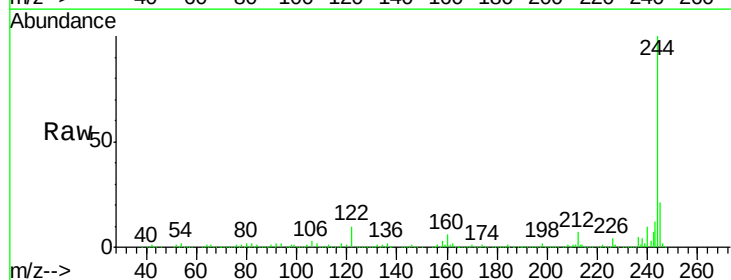
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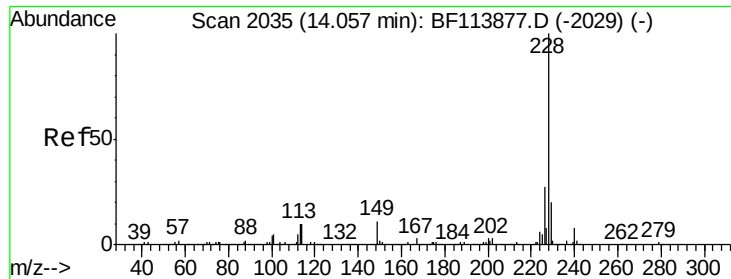
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#79
 Terphenyl-d14
 Concen: 123.501 ng
 RT: 13.00 min Scan# 1855
 Delta R.T. -0.01 min
 Lab File: BF113892.D
 Acq: 22 Apr 2019 21:50

Tgt Ion	Ratio	Resp	Lower	Upper
244	100	1745471		
212	6.7		5.4	8.2
122	10.2		7.6	11.4





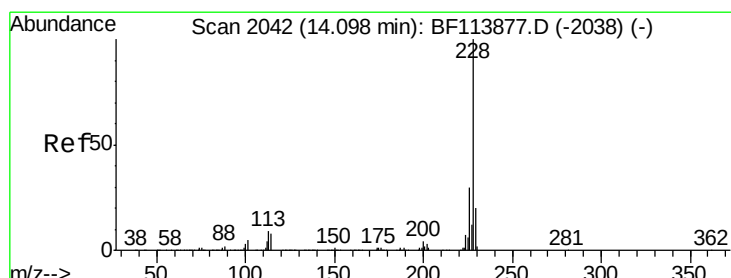
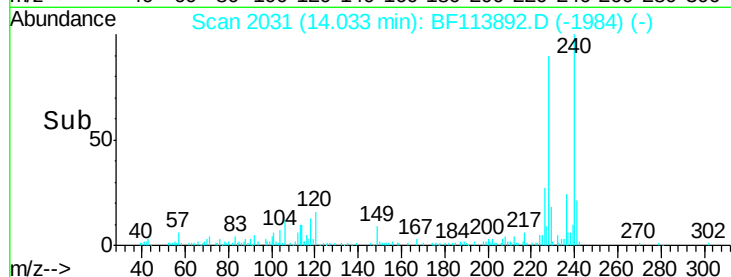
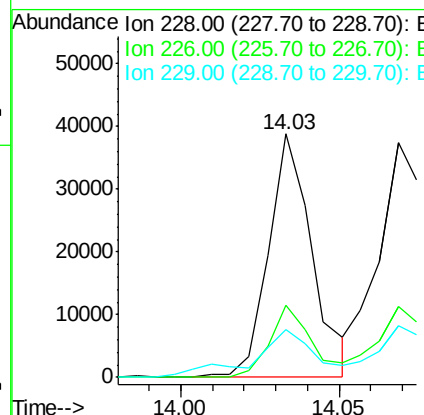
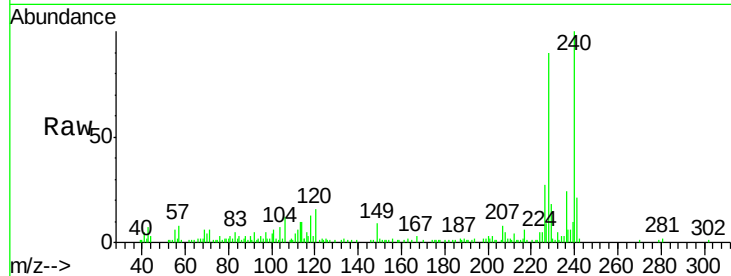
#81
Benzo(a)anthracene
Concen: 2.175 ng
RT: 14.03 min Scan# 2031
Delta R.T. -0.02 min
Lab File: BF113892.D
Acq: 22 Apr 2019 21:50

Instrument :
BNA_F
ClientSampled :
TP-13

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.6	22.2	33.2
229	19.9	16.0	24.0

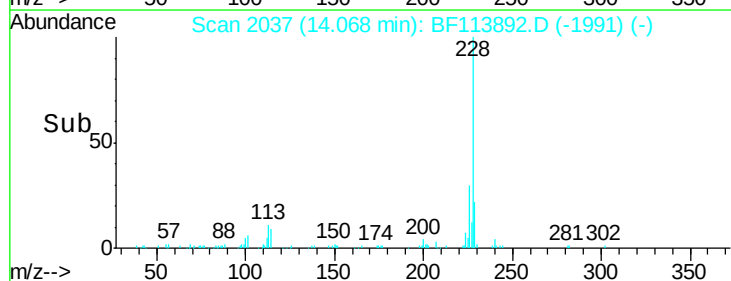
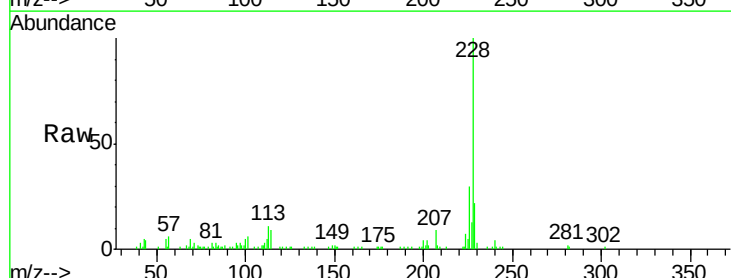
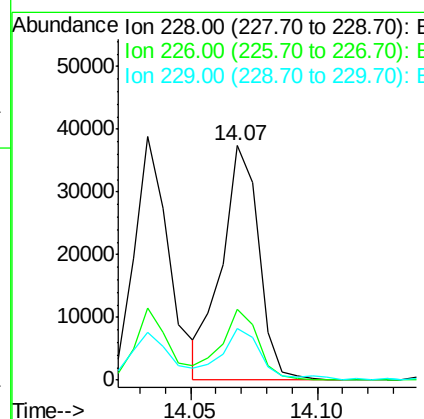
Manual Integrations
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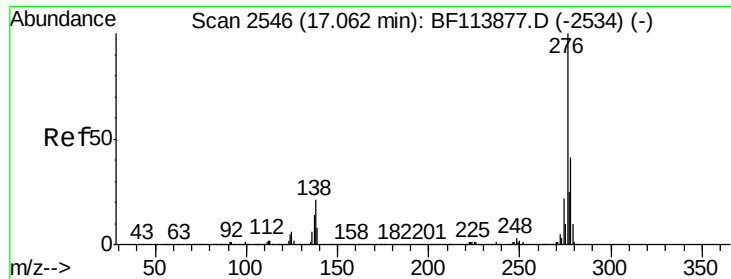
Sohil
4/23/2019 4:07:57 PM



#83
Chrysene
Concen: 2.289 ng
RT: 14.07 min Scan# 2037
Delta R.T. -0.03 min
Lab File: BF113892.D
Acq: 22 Apr 2019 21:50

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.1	25.2	37.8
229	22.3	16.7	25.1





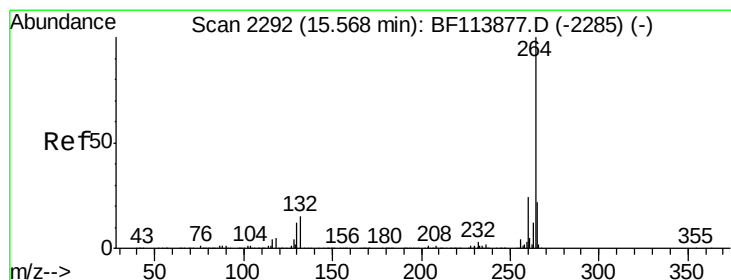
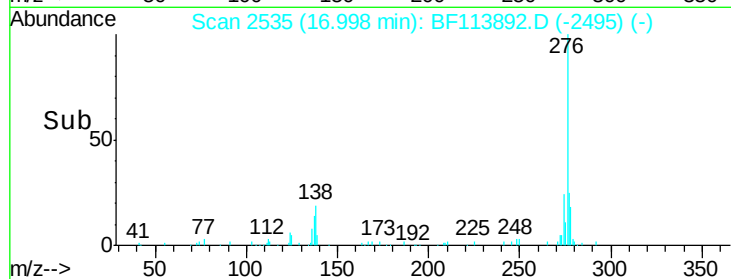
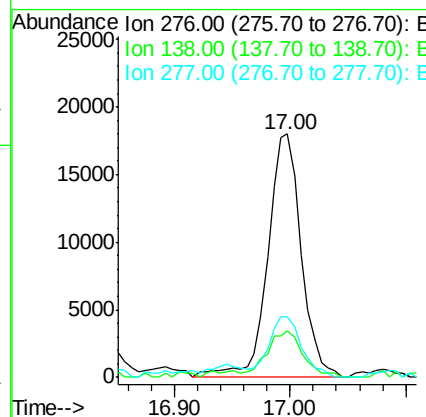
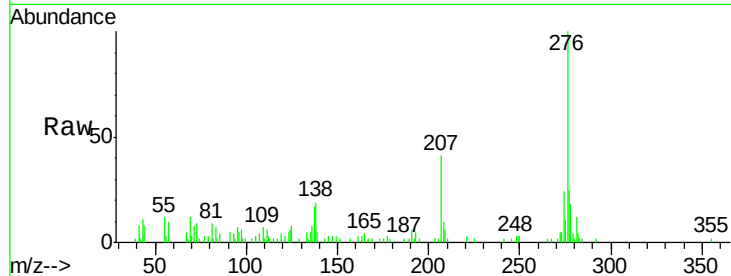
#86
 Indeno(1,2,3-cd)pyrene
 Concen: 2.317 ng
 RT: 17.00 min Scan# 2535
 Delta R.T. -0.06 min
 Lab File: BF113892.D
 Acq: 22 Apr 2019 21:50

Instrument :
 BNA_F
 ClientSampleId :
 TP-13

Tgt Ion	Ratio	Lower	Upper
276	100		
138	20.6	19.6	29.4
277	24.7	20.2	30.4

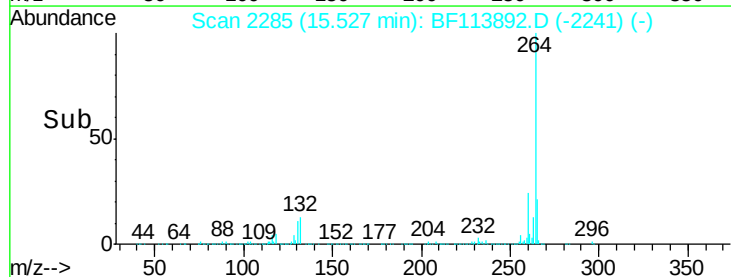
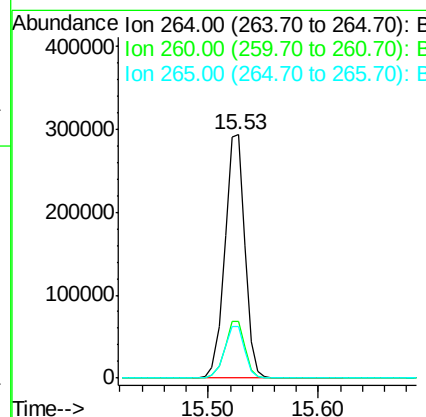
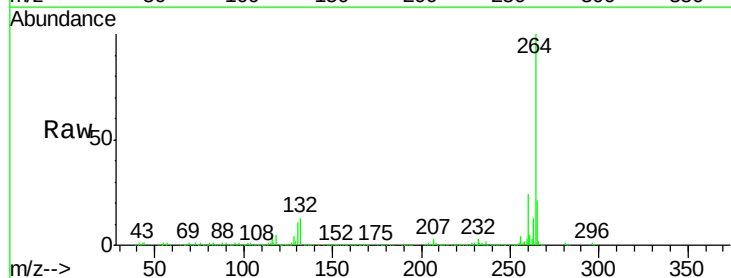
Manual Integrations
 APPROVED

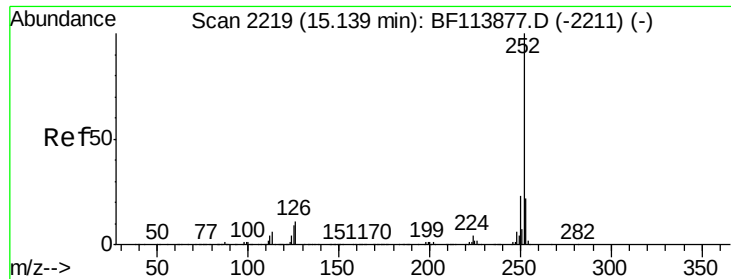
Sohil
 4/23/2019 4:07:57 PM



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.53 min Scan# 2285
 Delta R.T. -0.04 min
 Lab File: BF113892.D
 Acq: 22 Apr 2019 21:50

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.9	28.3
265	21.1	17.3	25.9





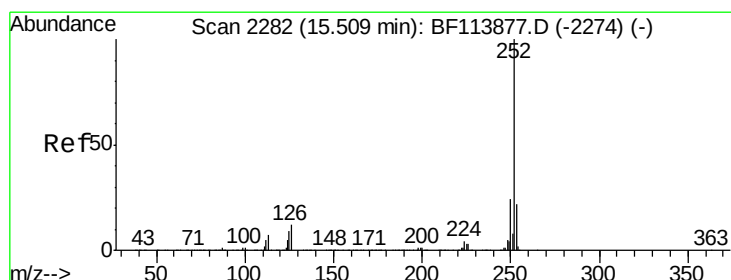
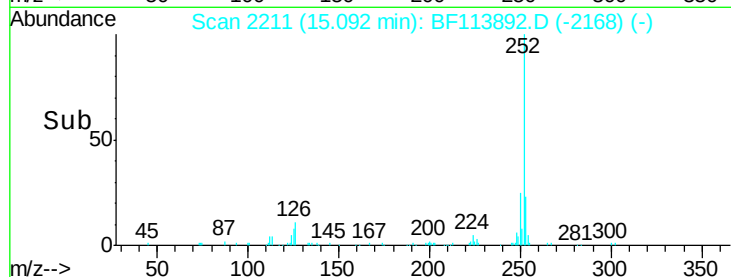
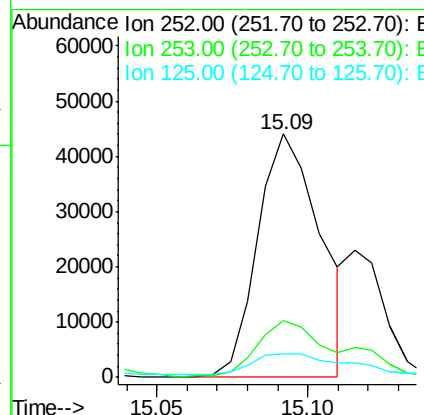
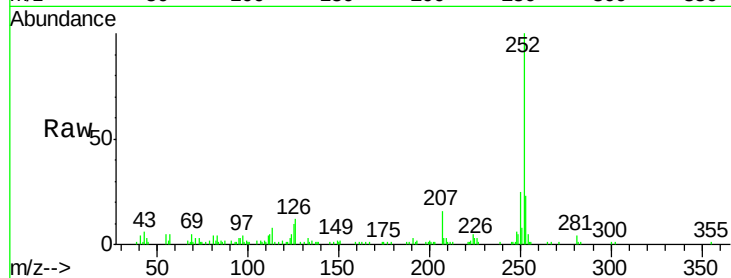
#88
Benzo(b)fluoranthene
Concen: 2.691 ng m
RT: 15.09 min Scan# 2211
Delta R.T. -0.05 min
Lab File: BF113892.D
Acq: 22 Apr 2019 21:50

Instrument :
BNA_F
ClientSampled :
TP-13

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.8	26.6
125	9.8	7.0	10.6

Manual Integrations
APPROVED

Sohil
4/23/2019 4:07:57 PM



#90
Benzo(a)pyrene
Concen: 2.164 ng
RT: 15.46 min Scan# 2273
Delta R.T. -0.05 min
Lab File: BF113892.D
Acq: 22 Apr 2019 21:50

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.5	26.3
125	12.1	8.5	12.7

