

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121718\
 Data File : BF111552.D
 Acq On : 17 Dec 2018 21:21
 Operator : JU/SJ
 Sample : J6403-13
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-2-B

Manual Integrations
 APPROVED

Sohil
 12/18/2018 12:49:29 PM

Quant Time: Dec 18 06:34:48 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121418.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 14 13:26:17 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	134014	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	809196	20.00	ng	-0.01
39) Acenaphthene-d10	9.82	164	364049	20.00	ng	-0.01
64) Phenanthrene-d10	11.31	188	566223	20.00	ng	0.00
76) Chrysene-d12	13.94	240	374802	20.00	ng	0.00
87) Perylene-d12	15.39	264	390806	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	961330	119.37	ng	0.00
7) Phenol-d6	6.44	99	1064014	99.32	ng	0.00
23) Nitrobenzene-d5	7.35	82	702630	51.71	ng	0.00
42) 2,4,6-Tribromophenol	10.62	330	297382	91.19	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	1582184	67.13	ng	-0.01
79) Terphenyl-d14	12.89	244	1083744	67.90	ng	0.00
Target Compounds						
10) Phenol	6.45	94	68671	5.755	ng	95
50) Dimethylphthalate	9.54	163	191700	7.312	ng	97
71) Phenanthrene	11.33	178	448914	15.386	ng	93
72) Anthracene	11.38	178	128457m	4.305	ng	
75) Fluoranthene	12.52	202	504087	17.660	ng	97
78) Pyrene	12.75	202	446733	16.906	ng	94
81) Benzo(a)anthracene	13.93	228	212169	10.411	ng	99
83) Chrysene	13.97	228	193382	9.008	ng	96
86) Indeno(1,2,3-cd)pyrene	16.80	276	89595	5.782	ng	92
88) Benzo(b)fluoranthene	14.97	252	242322m	10.635	ng	
89) Benzo(k)fluoranthene	14.99	252	87226m	4.007	ng	
90) Benzo(a)pyrene	15.32	252	180421	8.781	ng	97
92) Benzo(a,h,i)perylene	17.22	276	82517	5.187	ng	98

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

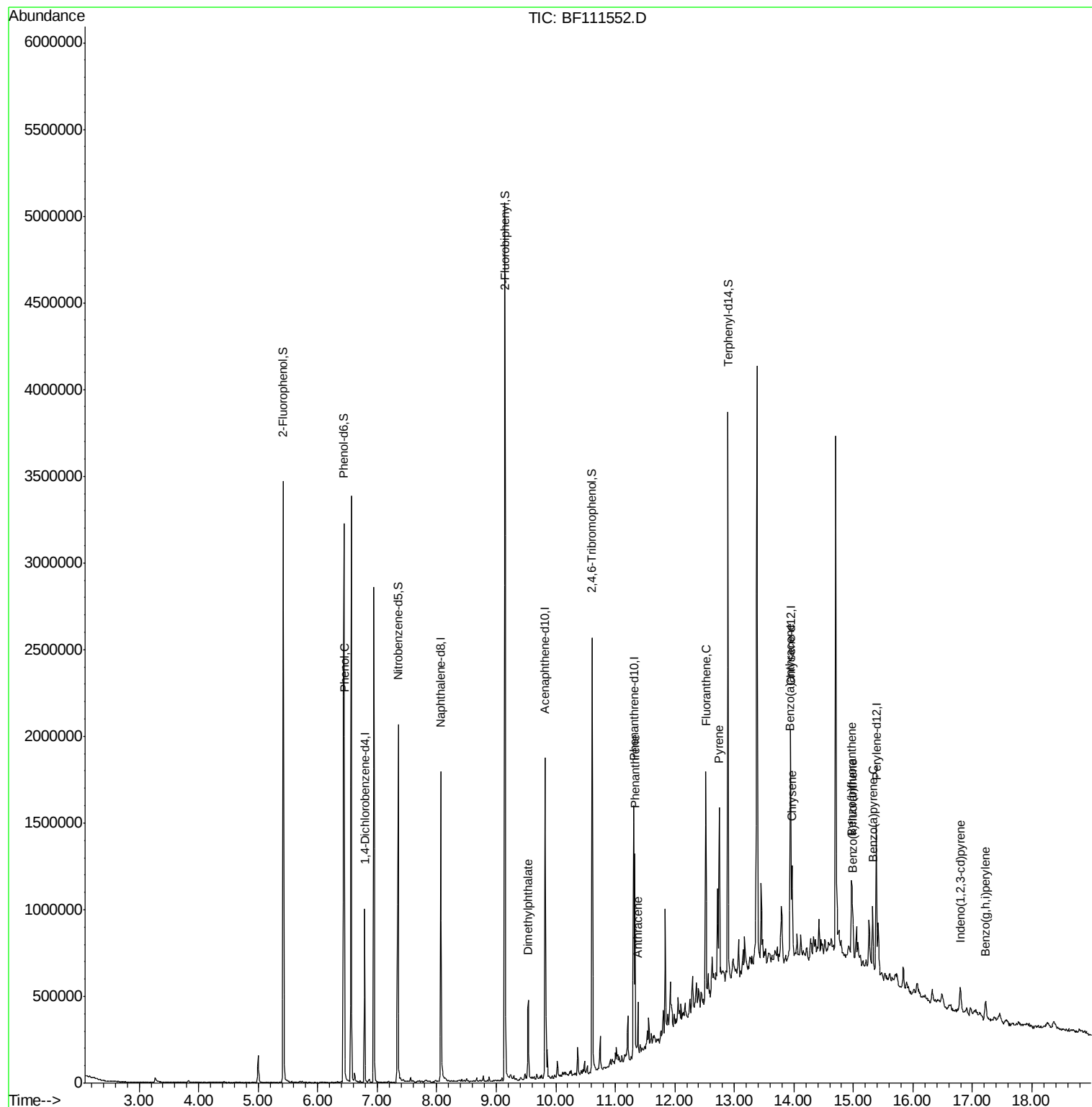
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121718\
Data File : BF111552.D
Acq On : 17 Dec 2018 21:21
Operator : JU/SJ
Sample : J6403-13
Misc :
ALS Vial : 13 Sample Multiplier: 1

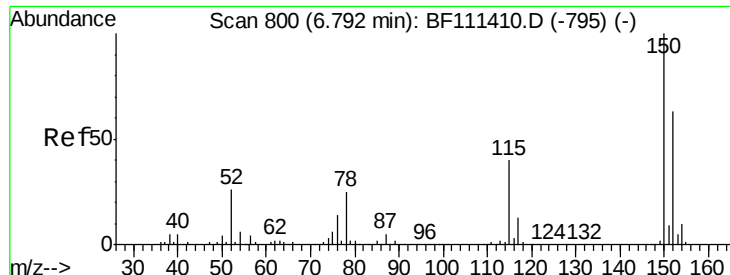
Instrument :
BNA_F
ClientSampleId :
TP-2-B

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Quant Time: Dec 18 06:34:48 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

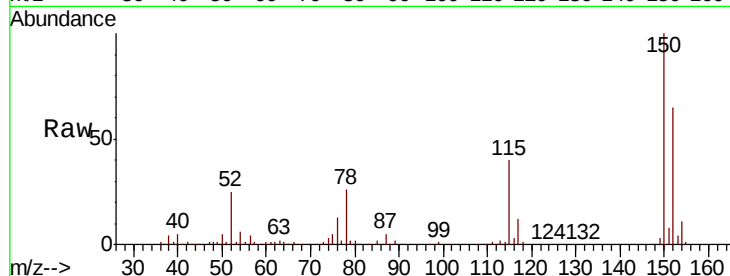
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 799
Delta R.T. -0.01 min
Lab File: BF111552.D
Acq: 17 Dec 2018 21:21

Instrument :
BNA_F
ClientSampleId :
TP-2-B

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.5	126.6	189.8
115	61.5	50.7	76.1

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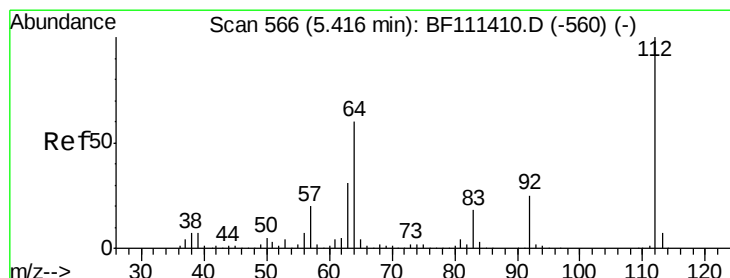
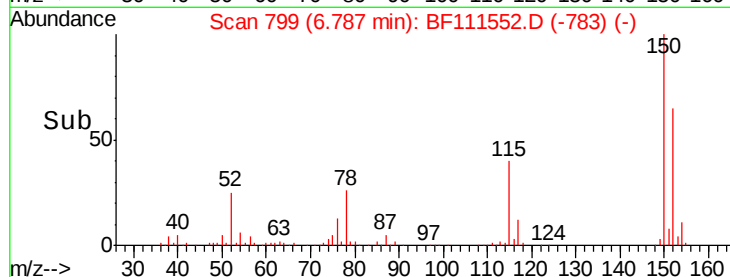
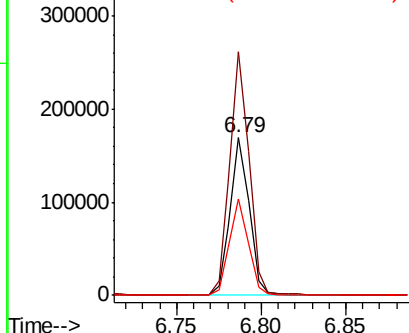


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

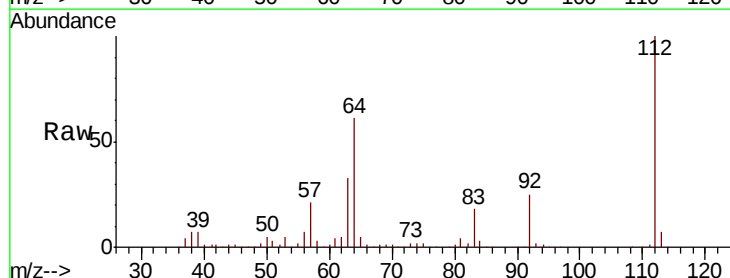
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 119.369 ng
RT: 5.42 min Scan# 567
Delta R.T. 0.01 min
Lab File: BF111552.D
Acq: 17 Dec 2018 21:21

Tgt Ion	Ratio	Lower	Upper
112	100		
64	61.4	51.8	77.6
63	32.7	26.8	40.2

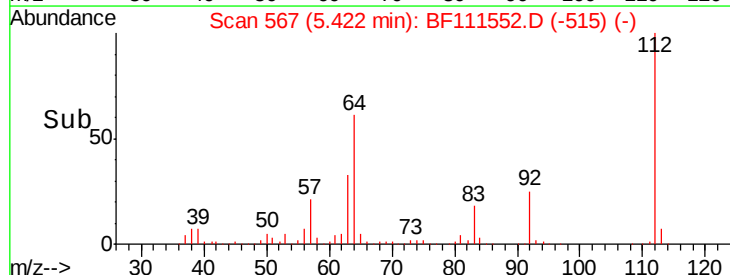
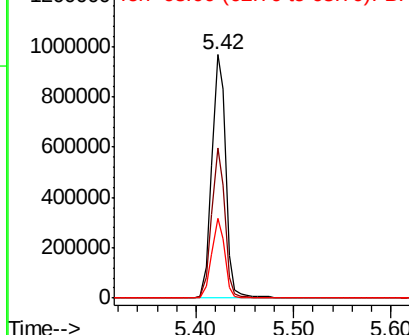


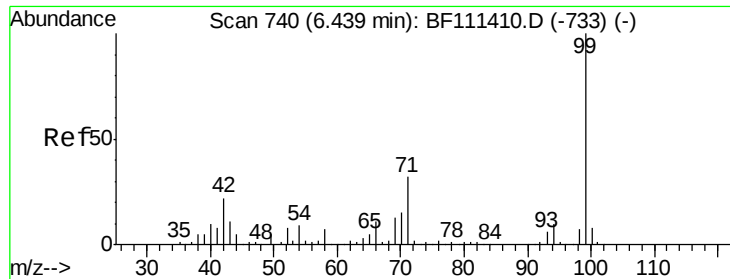
Abundance

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: 99.325 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.00 min

Lab File: BF111552.D

Acq: 17 Dec 2018 21:21

Instrument :

BNA_F

ClientSampled :

TP-2-B

Tot Ion: 99 Resp: 1064014

Ion Ratio Lower Upper

99 100

42 22.9 17.4 26.0

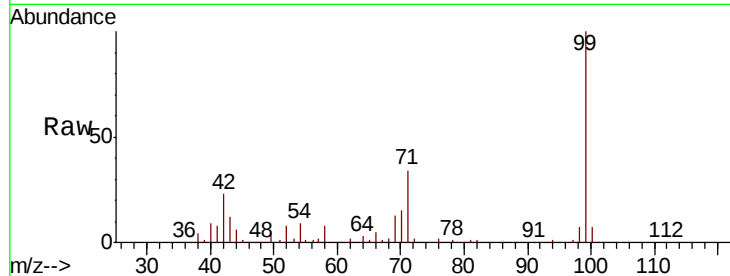
71 34.4 26.1 39.1

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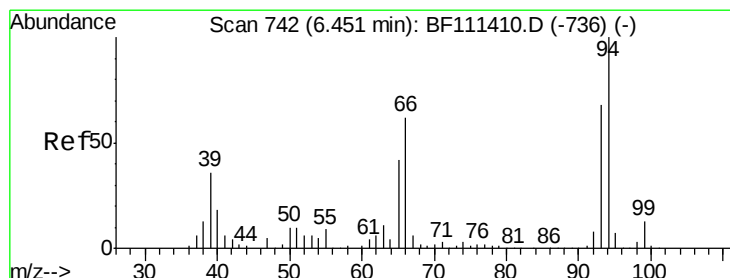
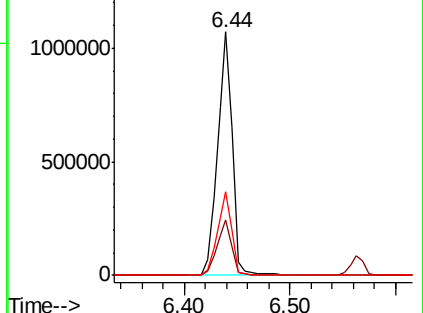
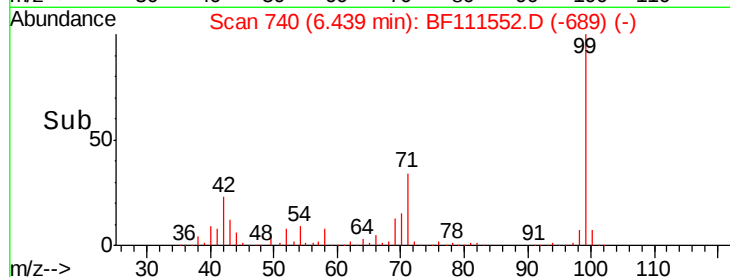
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Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#10

Phenol

Concen: 5.755 ng

RT: 6.45 min Scan# 742

Delta R.T. 0.00 min

Lab File: BF111552.D

Acq: 17 Dec 2018 21:21

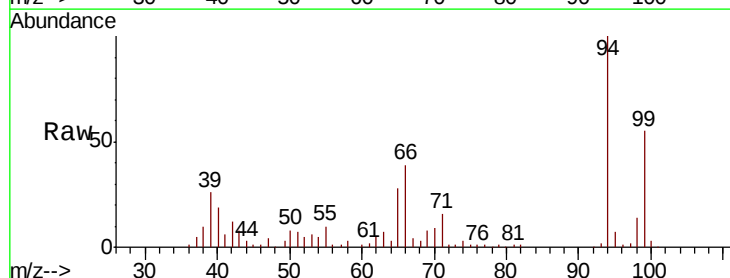
Tgt Ion: 94 Resp: 68671

Ion Ratio Lower Upper

94 100

65 28.2 11.7 51.7

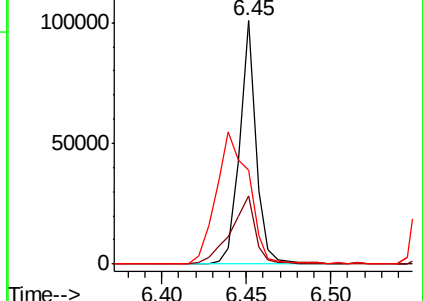
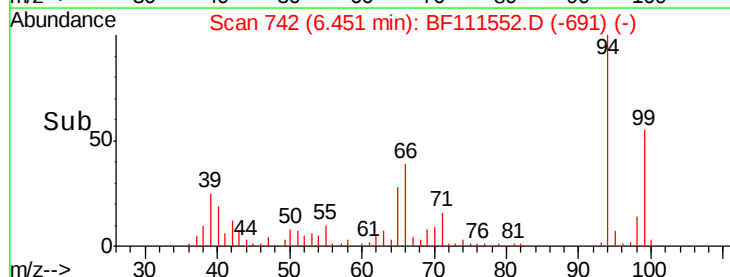
66 38.7 21.0 61.0

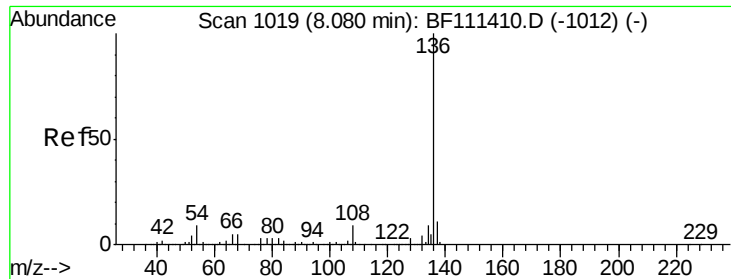


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.07 min Scan# 1017

Delta R.T. -0.01 min

Lab File: BF111552.D

Acq: 17 Dec 2018 21:21

Instrument :

BNA_F

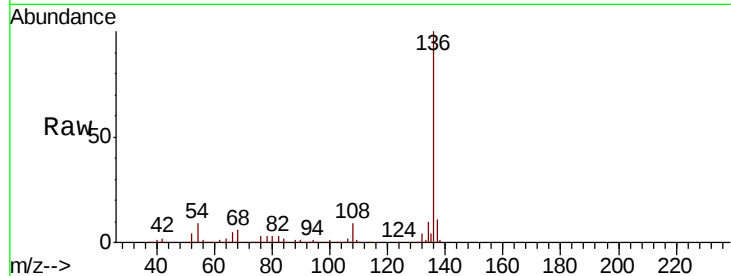
ClientSampleId :

TP-2-B

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		809196		
137	11.1	9.1	13.7		
54	8.8	7.7	11.5		
68	5.8	4.9	7.3		

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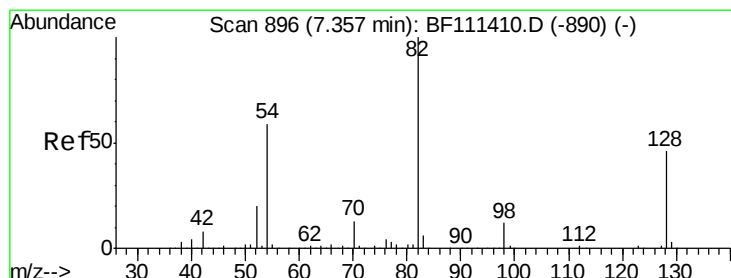
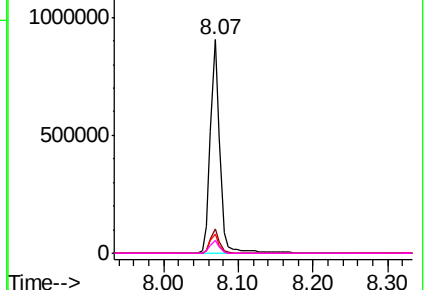
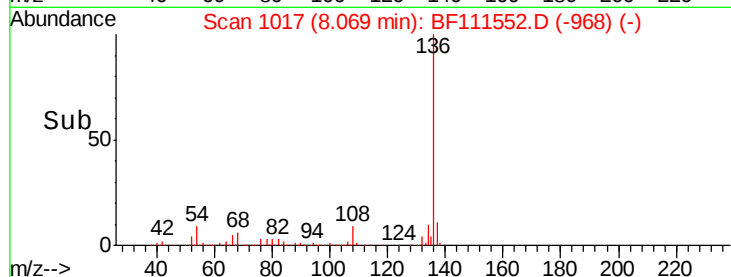


Abundance Ion 136.00 (135.70 to 136.70): E

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: 51.706 ng

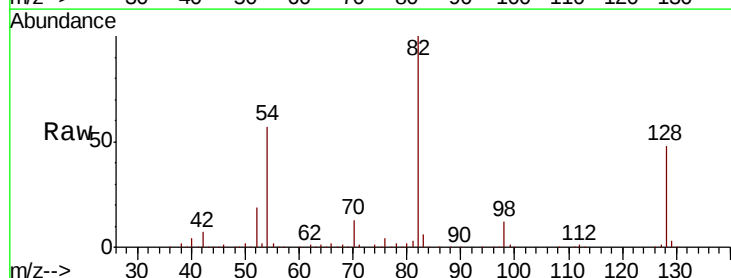
RT: 7.35 min Scan# 895

Delta R.T. -0.01 min

Lab File: BF111552.D

Acq: 17 Dec 2018 21:21

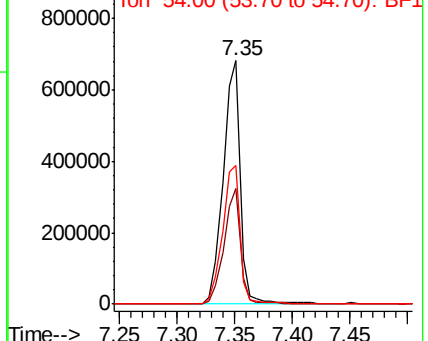
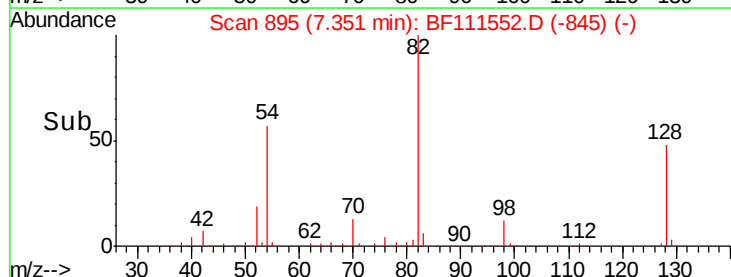
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
82	100		702630		
128	47.6	37.4	56.2		
54	57.2	47.6	71.4		

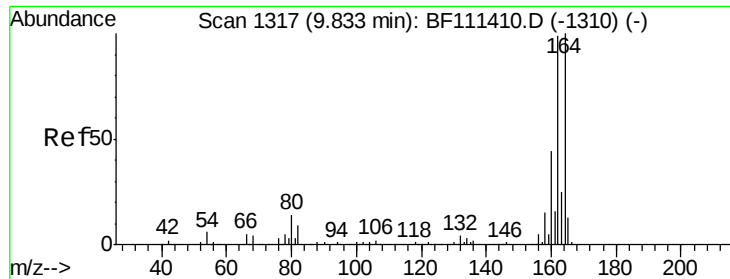


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





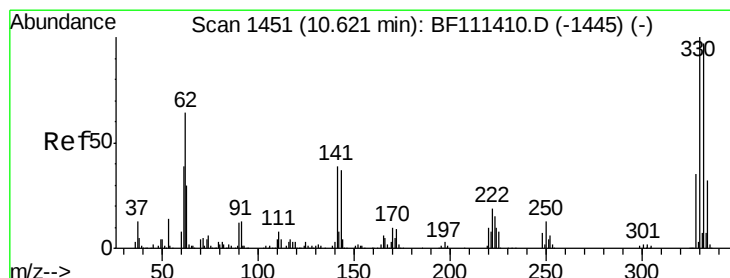
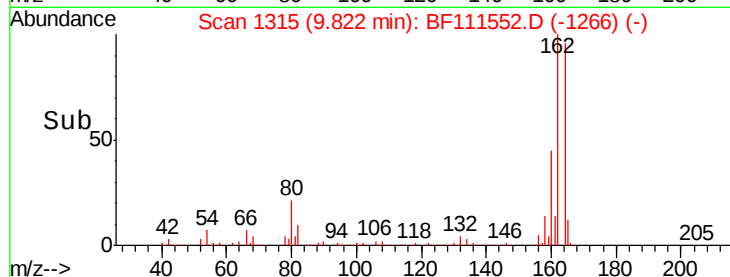
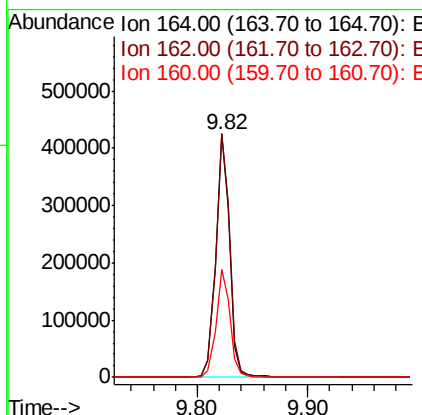
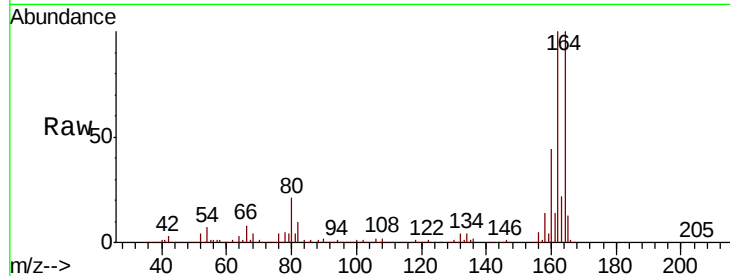
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.82 min Scan# 1315
Delta R.T. -0.01 min
Lab File: BF111552.D
Acq: 17 Dec 2018 21:21

Instrument :
BNA_F
ClientSampled :
TP-2-B

Tot Ion	Ratio	Lower	Upper
164	100		
162	99.8	81.4	122.0
160	44.4	35.7	53.5

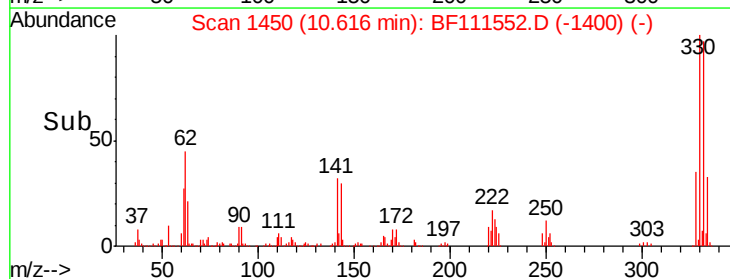
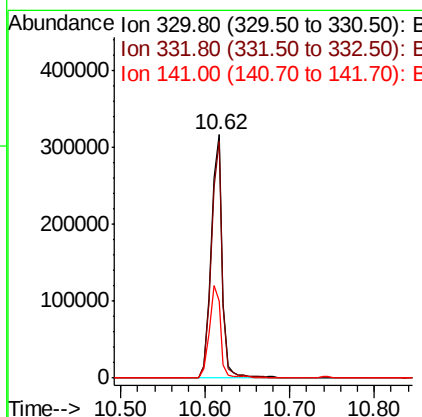
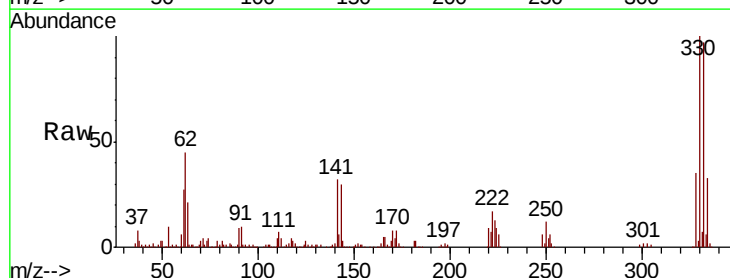
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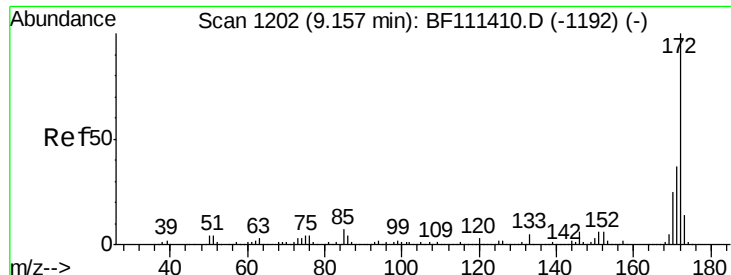
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#42
2,4,6-Tribromophenol
Concen: 91.191 ng
RT: 10.62 min Scan# 1450
Delta R.T. -0.01 min
Lab File: BF111552.D
Acq: 17 Dec 2018 21:21

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.6	76.0	114.0
141	38.7	31.0	46.6





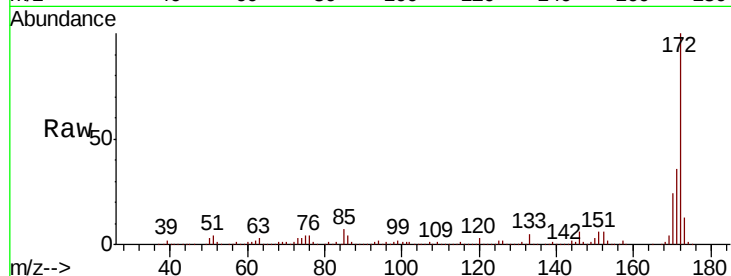
#45
2-Fluorobiphenyl
Concen: 67.131 ng
RT: 9.15 min Scan# 1200
Delta R.T. -0.01 min
Lab File: BF111552.D
Acq: 17 Dec 2018 21:21

Instrument :
BNA_F
ClientSampleId :
TP-2-B

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.0	33.0	49.4
170	23.9	22.3	33.5

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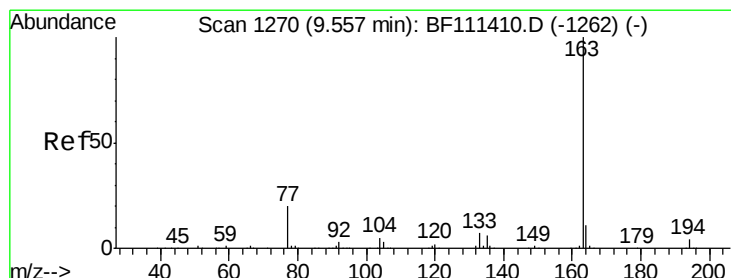
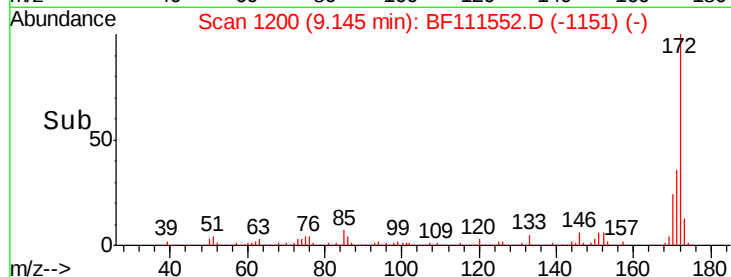
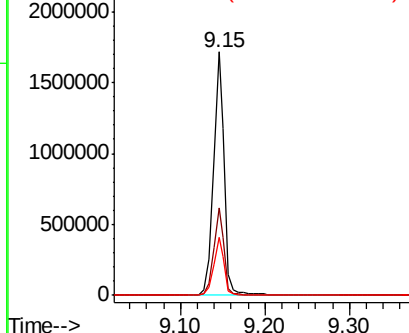


Abundance

Ion 172.00 (171.70 to 172.70): E

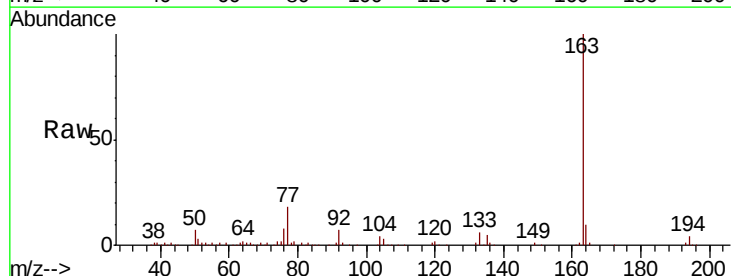
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#50
Dimethylphthalate
Concen: 7.312 ng
RT: 9.54 min Scan# 1267
Delta R.T. -0.02 min
Lab File: BF111552.D
Acq: 17 Dec 2018 21:21

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.0	4.6
164	9.6	8.9	13.3

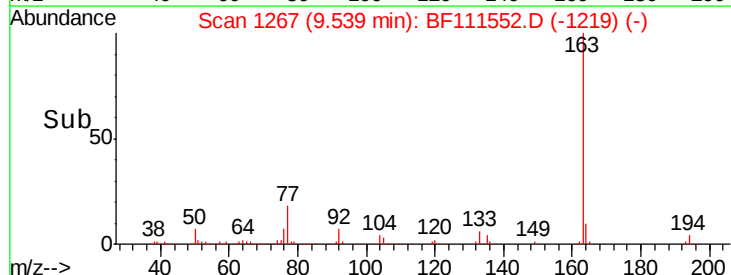
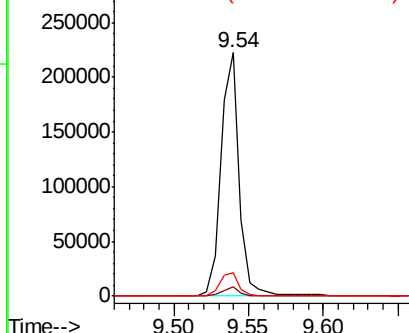


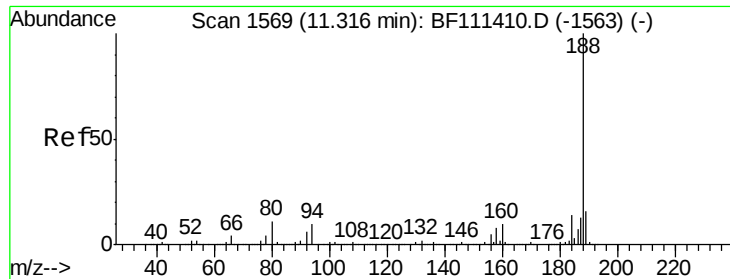
Abundance

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: 11.31 min Scan# 1568

Delta R.T. -0.01 min

Lab File: BF111552.D

Acq: 17 Dec 2018 21:21

Instrument :

BNA_F

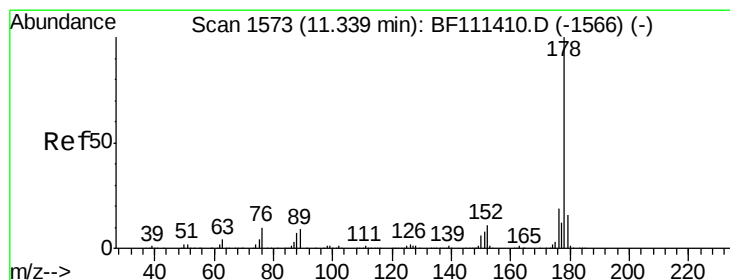
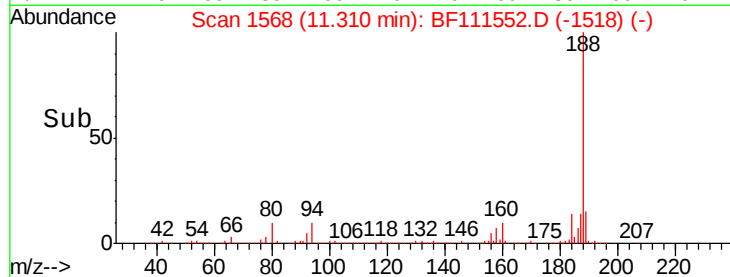
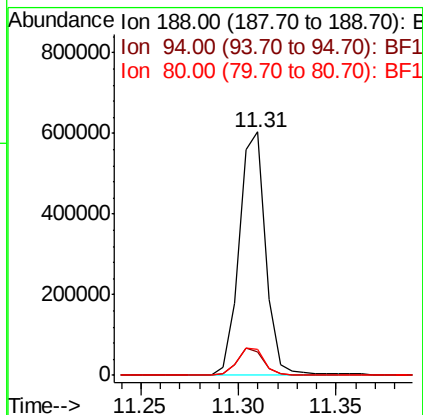
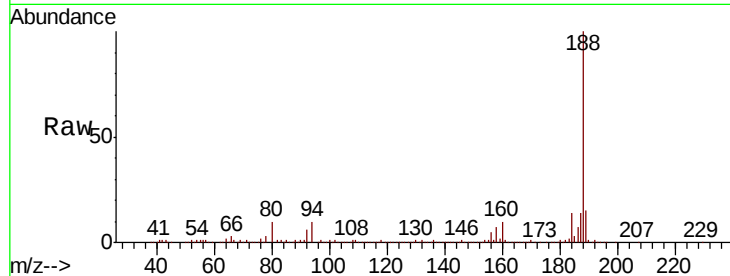
ClientSampleId :

TP-2-B

Tot Ion:	188	Resp:	566223
Ion Ratio	Lower	Upper	
188	100		
94	9.8	9.6	14.4
80	10.5	9.8	14.6

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#71

Phenanthrene

Concen: 15.386 ng

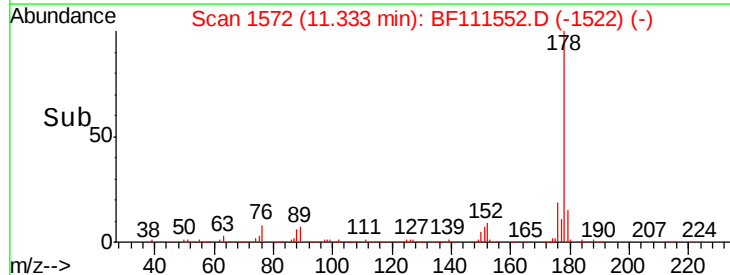
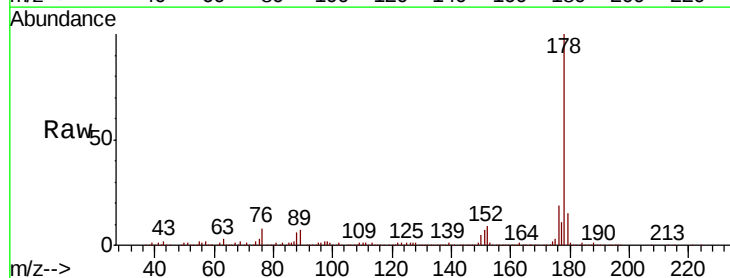
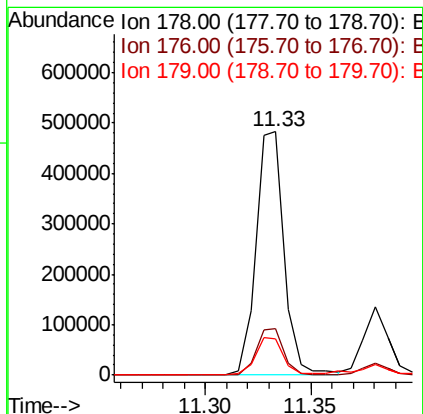
RT: 11.33 min Scan# 1572

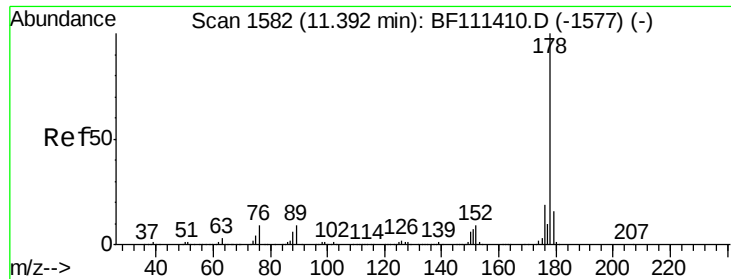
Delta R.T. -0.01 min

Lab File: BF111552.D

Acq: 17 Dec 2018 21:21

Tgt Ion:	178	Resp:	448914
Ion Ratio	Lower	Upper	
178	100		
176	19.1	18.1	27.1
179	15.0	14.0	21.0





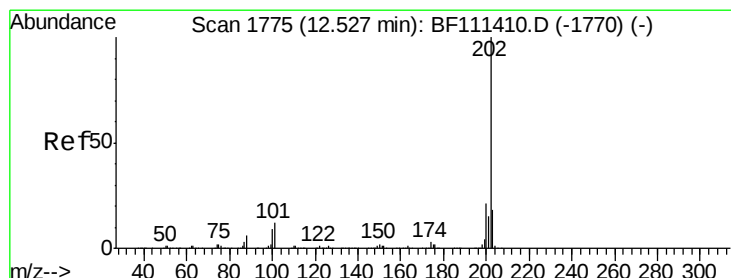
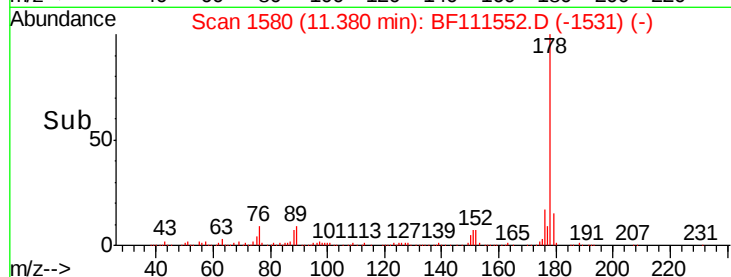
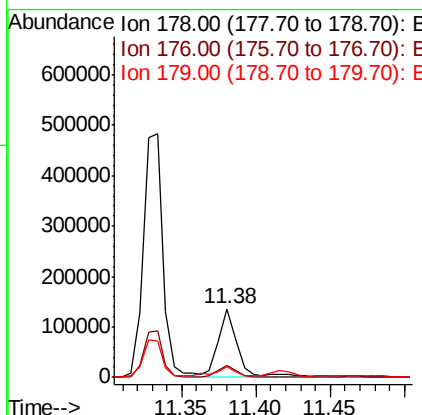
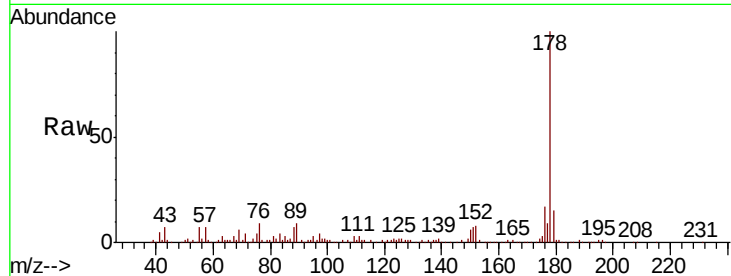
#72
 Anthracene
 Concen: 4.305 ng/mL
 RT: 11.38 min Scan# 1580
 Delta R.T. -0.01 min
 Lab File: BF111552.D
 Acq: 17 Dec 2018 21:21

Instrument :
 BNA_F
 ClientSampleId :
 TP-2-B

Tot Ion	Ratio	Lower	Upper
178	100		
176	17.2	17.2	25.8#
179	15.0	13.8	20.8

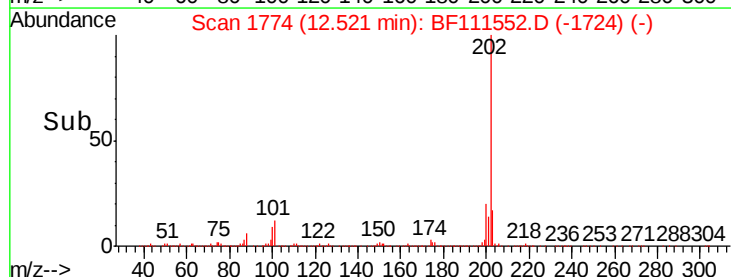
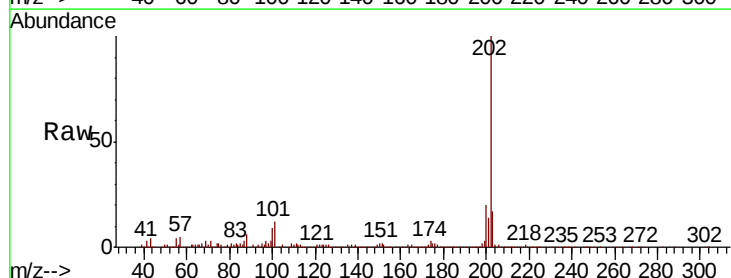
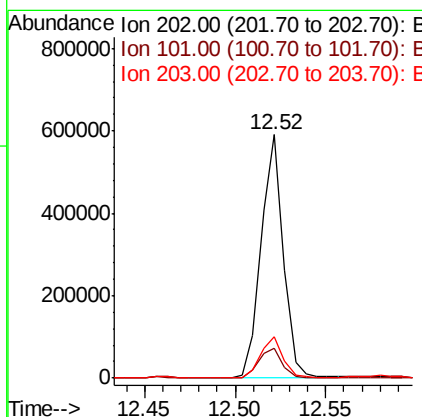
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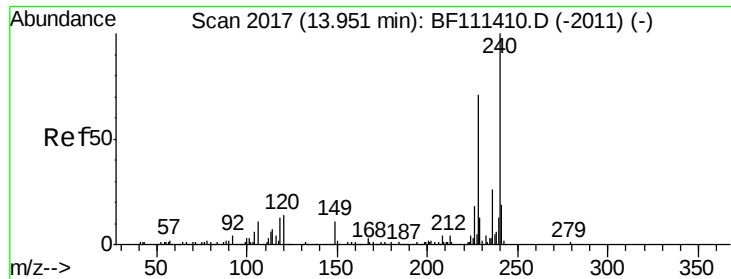
Sohil
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#75
 Fluoranthene
 Concen: 17.660 ng/mL
 RT: 12.52 min Scan# 1774
 Delta R.T. -0.01 min
 Lab File: BF111552.D
 Acq: 17 Dec 2018 21:21

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.4	0.0	33.8
203	17.2	0.0	38.6





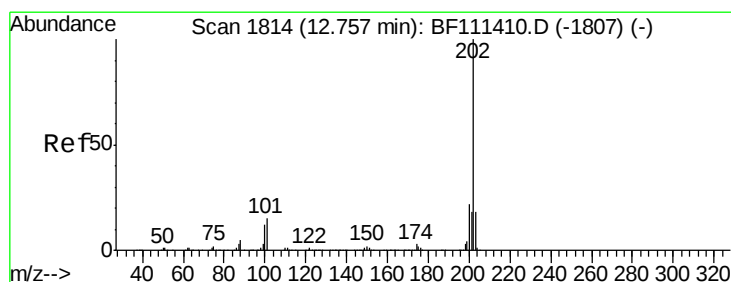
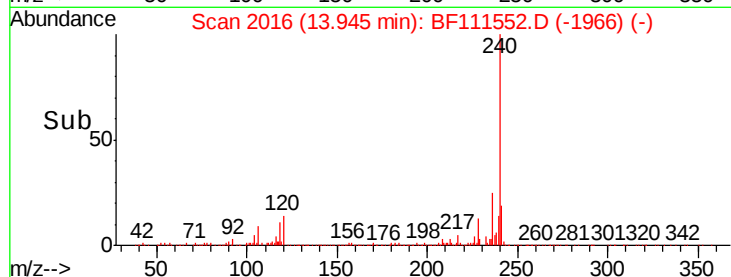
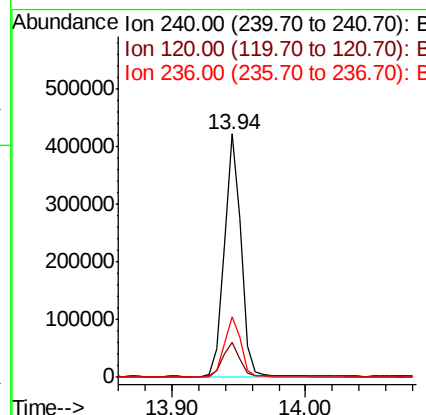
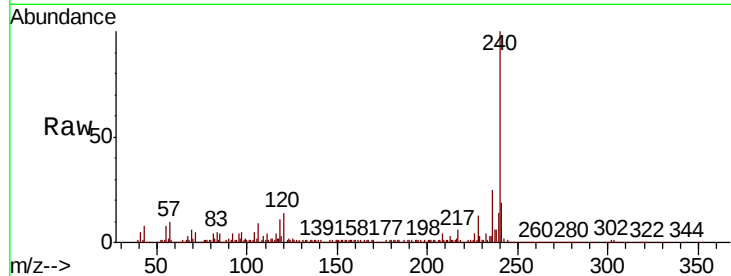
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.94 min Scan# 2016
 Delta R.T. -0.01 min
 Lab File: BF111552.D
 Acq: 17 Dec 2018 21:21

Instrument :
 BNA_F
 ClientSampled :
 TP-2-B

Tot Ion	Ratio	Lower	Upper
240	100		
120	14.1	12.2	18.2
236	24.7	20.2	30.2

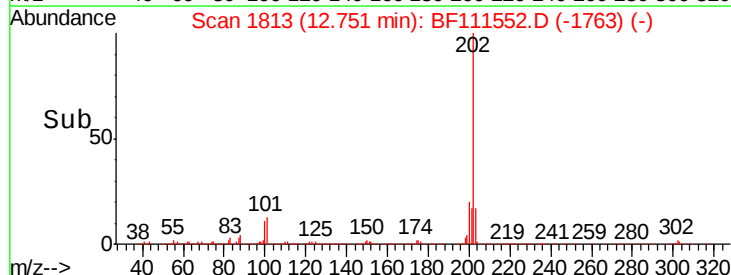
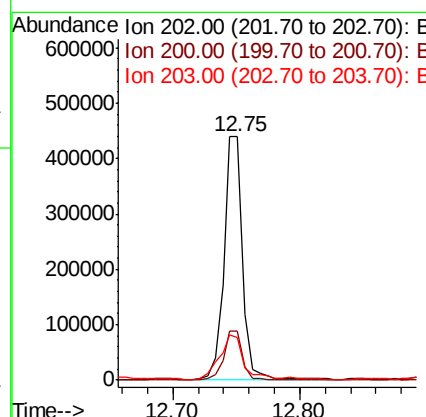
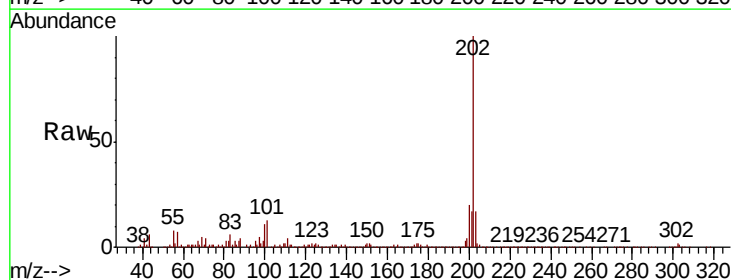
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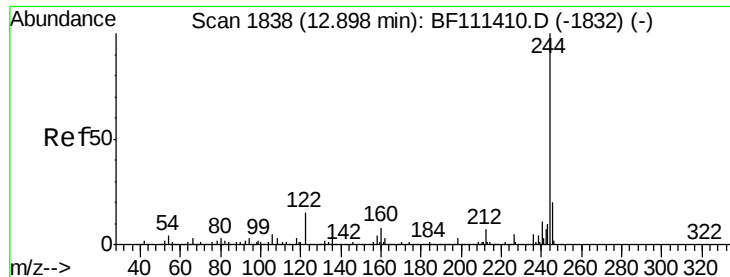
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#78
 Pyrene
 Concen: 16.906 ng
 RT: 12.75 min Scan# 1813
 Delta R.T. -0.01 min
 Lab File: BF111552.D
 Acq: 17 Dec 2018 21:21

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.1	19.0	28.4
203	17.4	15.2	22.8





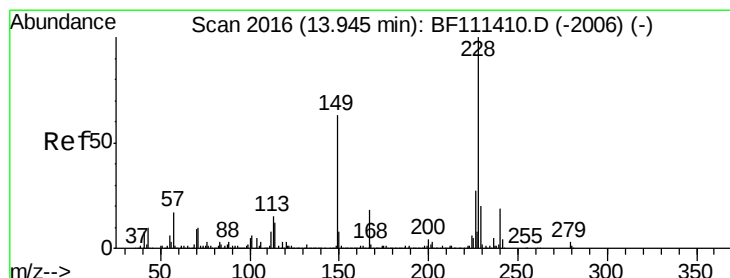
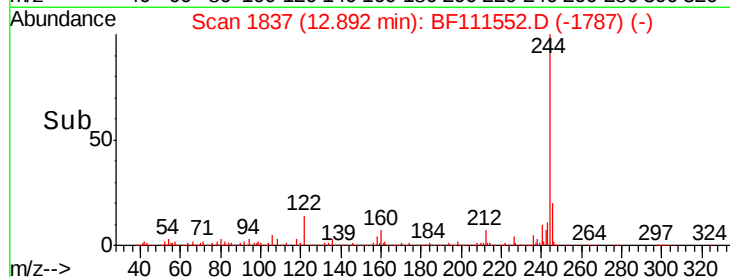
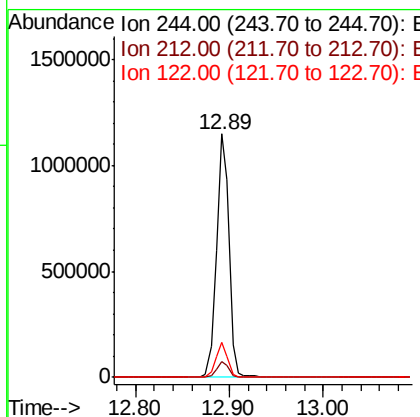
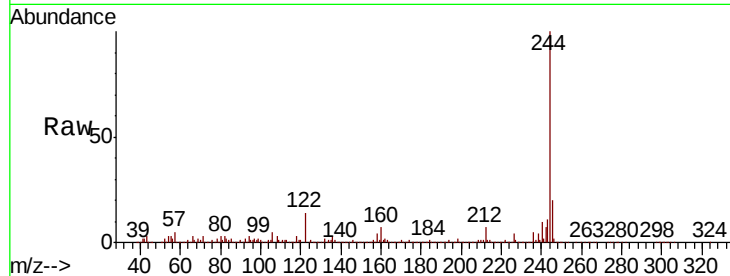
#79
 Terphenyl-d14
 Concen: 67.900 ng
 RT: 12.89 min Scan# 1837
 Delta R.T. -0.01 min
 Lab File: BF111552.D
 Acq: 17 Dec 2018 21:21

Instrument :
 BNA_F
 ClientSampleId :
 TP-2-B

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.7	8.5
122	14.4	13.1	19.7

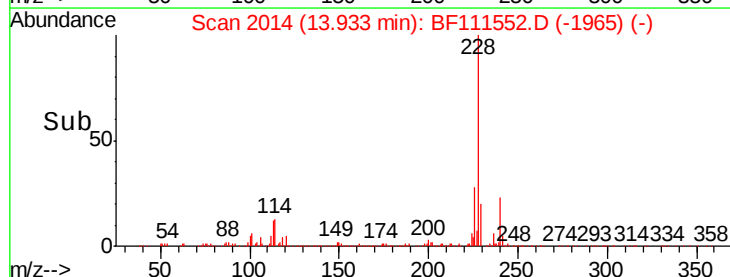
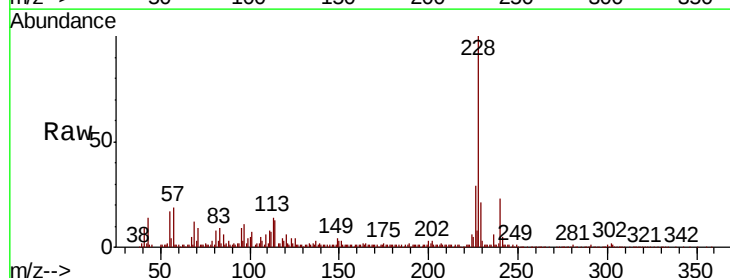
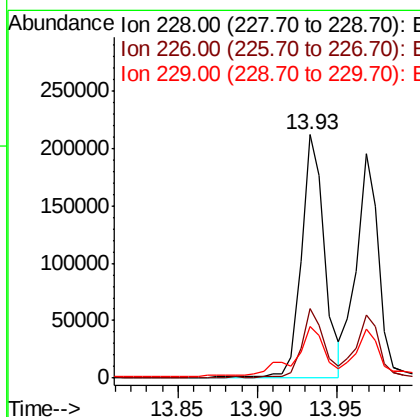
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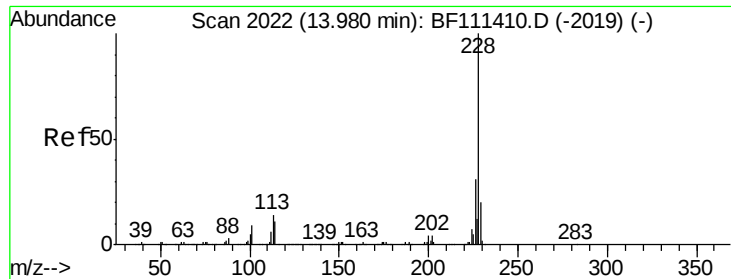
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#81
 Benzo(a)anthracene
 Concen: 10.411 ng
 RT: 13.93 min Scan# 2014
 Delta R.T. -0.01 min
 Lab File: BF111552.D
 Acq: 17 Dec 2018 21:21

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.7	22.6	34.0
229	21.0	16.3	24.5





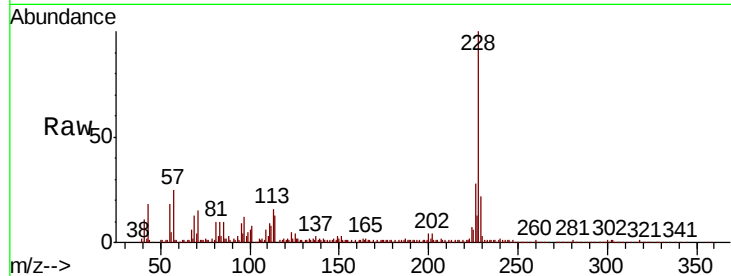
#83
Chrysene
Concen: 9.008 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BF111552.D
Acq: 17 Dec 2018 21:21

Instrument :
BNA_F
ClientSampleId :
TP-2-B

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.9	25.3	37.9
229	21.8	17.2	25.8

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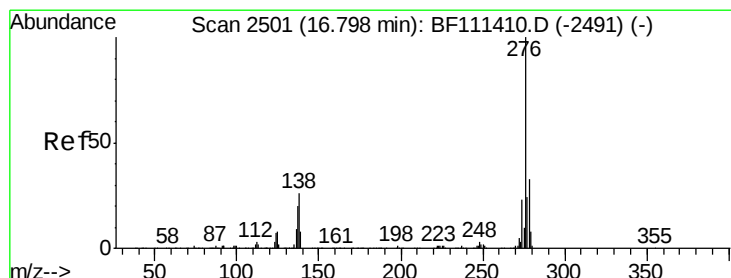
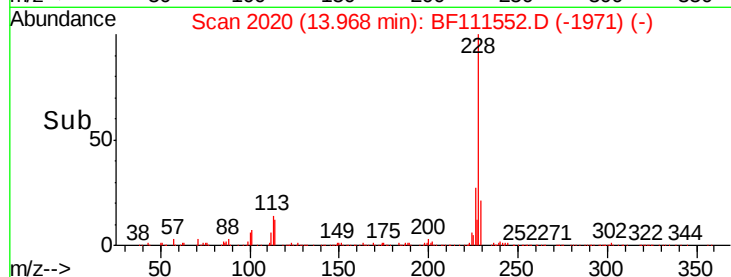
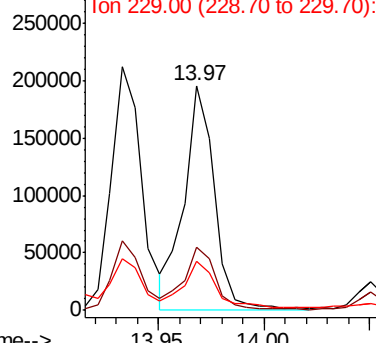


Abundance

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



#86
Indeno(1,2,3-cd)pyrene
Concen: 5.782 ng
RT: 16.80 min Scan# 2501
Delta R.T. 0.00 min
Lab File: BF111552.D
Acq: 17 Dec 2018 21:21

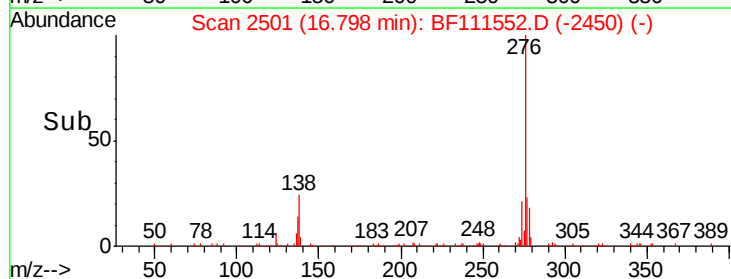
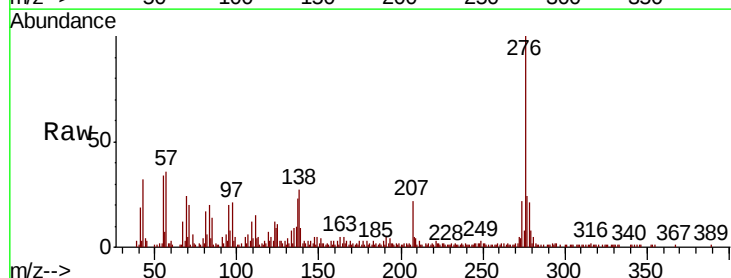
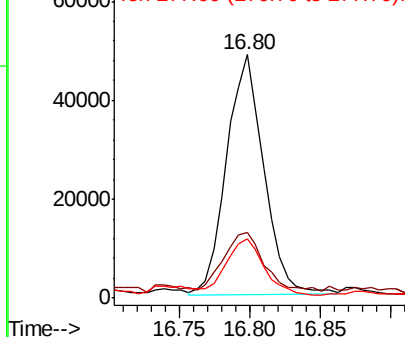
Tgt Ion	Ratio	Lower	Upper
276	100		
138	28.1	27.8	41.6
277	23.4	20.1	30.1

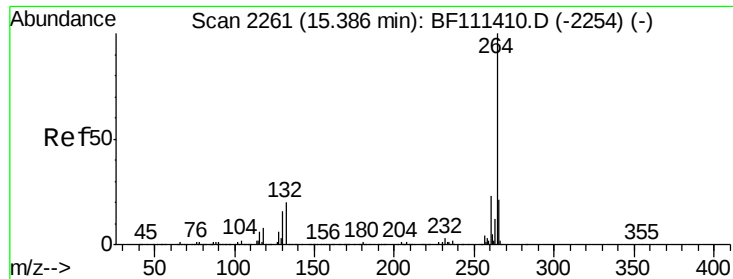
Abundance

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





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.39 min Scan# 2261

Delta R.T. 0.00 min

Lab File: BF111552.D

Acq: 17 Dec 2018 21:21

Instrument :

BNA_F

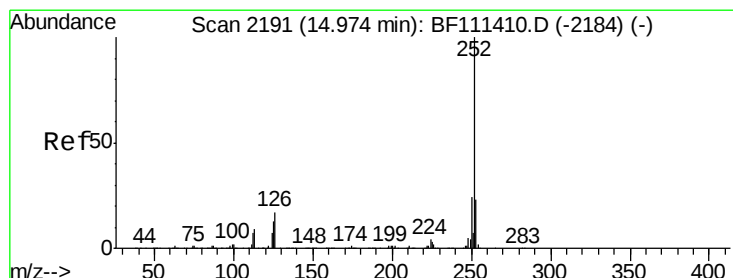
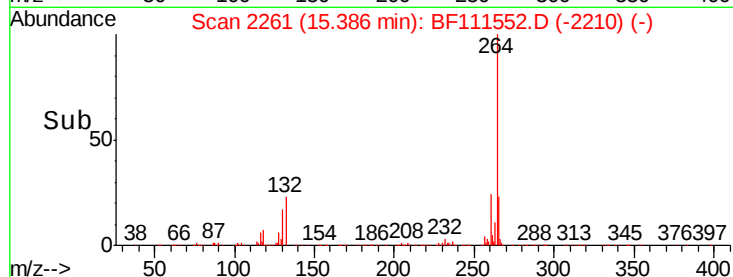
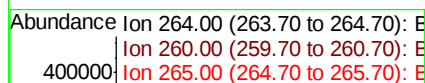
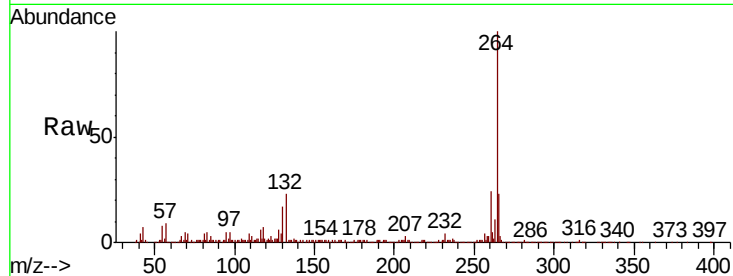
ClientSampleId :

TP-2-B

Tot Ion:	264	Resp:	390806
Ion Ratio	Lower	Upper	
264	100		
260	23.9	18.3	27.5
265	23.0	17.7	26.5

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#88

Benzo(b)fluoranthene

Concen: 10.635 ng m

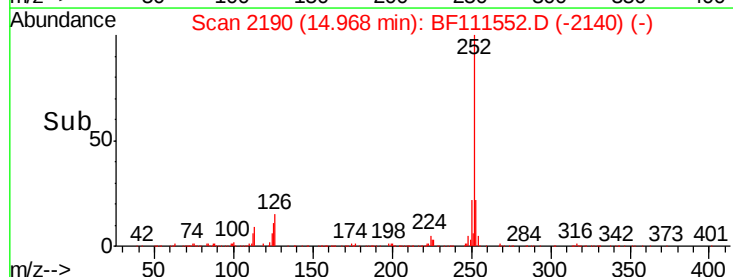
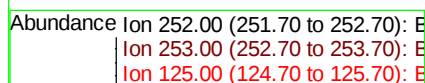
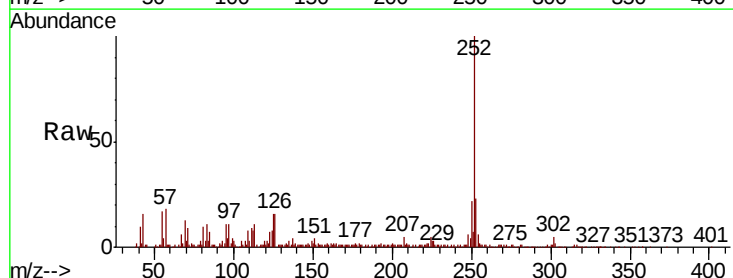
RT: 14.97 min Scan# 2190

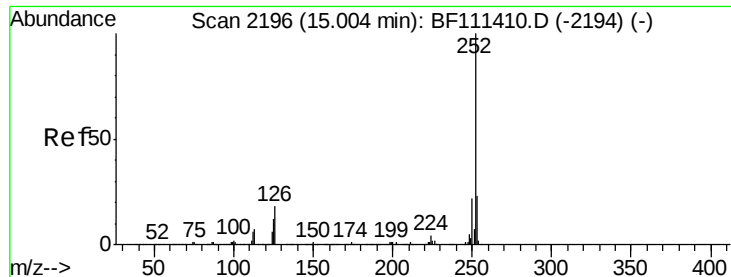
Delta R.T. -0.01 min

Lab File: BF111552.D

Acq: 17 Dec 2018 21:21

Tgt Ion:	252	Resp:	242322
Ion Ratio	Lower	Upper	
252	100		
253	22.5	18.2	27.2
125	16.2	10.4	15.6#





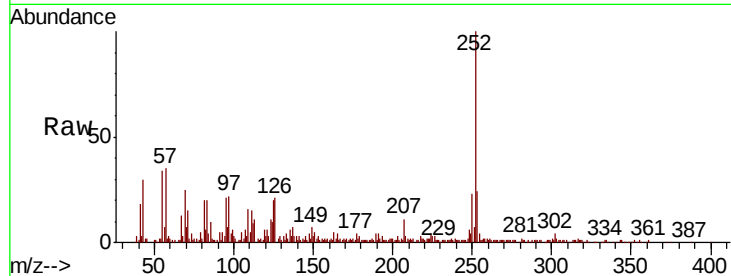
#89
Benzo(k)fluoranthene
Concen: 4.007 ng m
RT: 14.99 min Scan# 2194
Delta R.T. -0.01 min
Lab File: BF111552.D
Acq: 17 Dec 2018 21:21

Instrument :
BNA_F
ClientSampled :
TP-2-B

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.4	18.1	27.1
125	19.8	9.8	14.8

Manual Integrations
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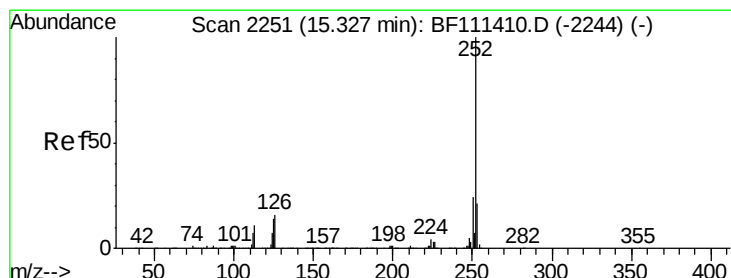
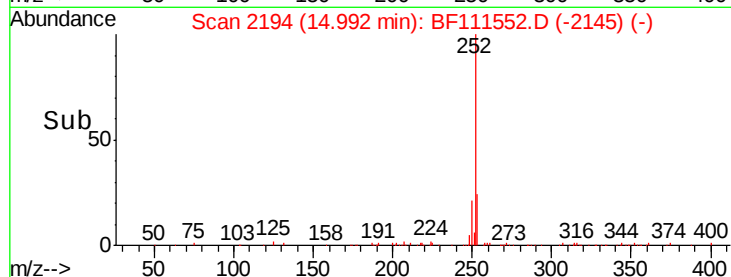
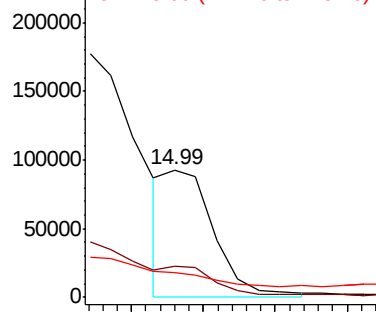


Abundance

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: 8.781 ng
RT: 15.32 min Scan# 2250
Delta R.T. -0.01 min
Lab File: BF111552.D
Acq: 17 Dec 2018 21:21

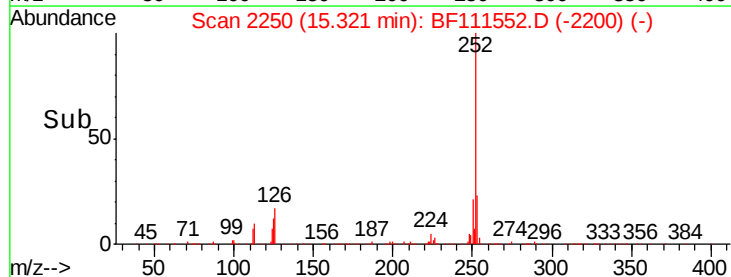
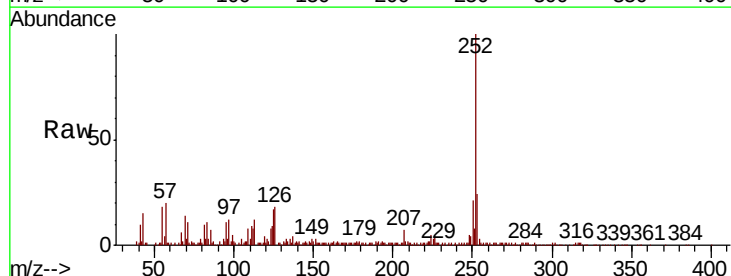
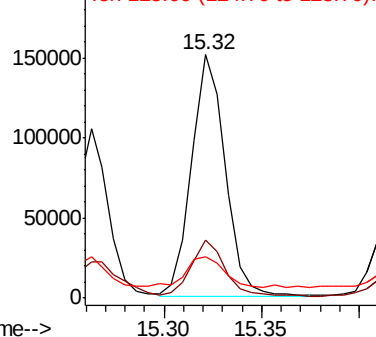
Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.8	26.8
125	16.8	12.3	18.5

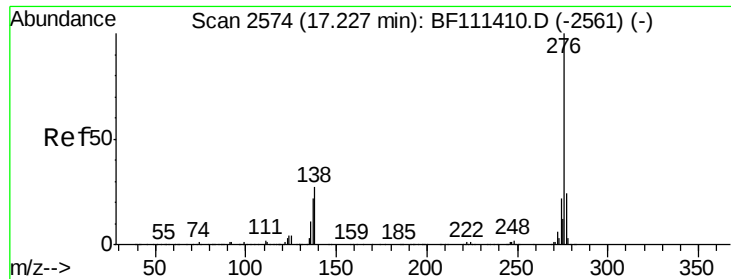
Abundance

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





#92
 Benzo(a,h,i)perylene
 Concen: 5.187 ng
 RT: 17.22 min Scan# 2573
 Delta R.T. -0.01 min
 Lab File: BF111552.D
 Acq: 17 Dec 2018 21:21

Instrument :
 BNA_F
 ClientSampleId :
 TP-2-B

Tot Ion:	276	Resp:	82517
Ion Ratio	Lower	Upper	
276	100		
277	26.3	19.2	28.8
138	31.3	24.9	37.3

Manual Integrations
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