

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121918\
 Data File : BF111602.D
 Acq On : 19 Dec 2018 20:48
 Operator : JU/SJ
 Sample : J6403-57
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-8-A

Manual Integrations
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Sohil
 12/20/2018 12:42:08 PM

Quant Time: Dec 20 03:56:23 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 19 17:39:39 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	192179	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	725622	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	369242	20.00	ng	0.00
64) Phenanthrene-d10	11.41	188	687169	20.00	ng	0.00
76) Chrysene-d12	14.04	240	520472	20.00	ng	-0.01
87) Perylene-d12	15.52	264	528821	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	920682	81.66	ng	0.00
7) Phenol-d6	6.52	99	1196790	83.41	ng	0.00
23) Nitrobenzene-d5	7.45	82	718344	57.62	ng	0.00
42) 2,4,6-Tribromophenol	10.71	330	347907	79.74	ng	-0.01
45) 2-Fluorobiphenyl	9.25	172	1298041	51.24	ng	0.00
79) Terphenyl-d14	12.99	244	1320981	48.13	ng	0.00
Target Compounds						
10) Phenol	6.53	94	64588	3.989	ng	93
50) Dimethylphthalate	9.64	163	134514	4.982	ng	98
75) Fluoranthene	12.62	202	151102	4.094	ng	94
78) Pyrene	12.84	202	143388	3.901	ng	95
81) Benzo(a)anthracene	14.03	228	72031	2.425	ng	98
83) Chrysene	14.06	228	66671	2.284	ng	96
88) Benzo(b)fluoranthene	15.08	252	86436m	2.797	ng	
90) Benzo(a)pyrene	15.44	252	64224m	2.287	ng	

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

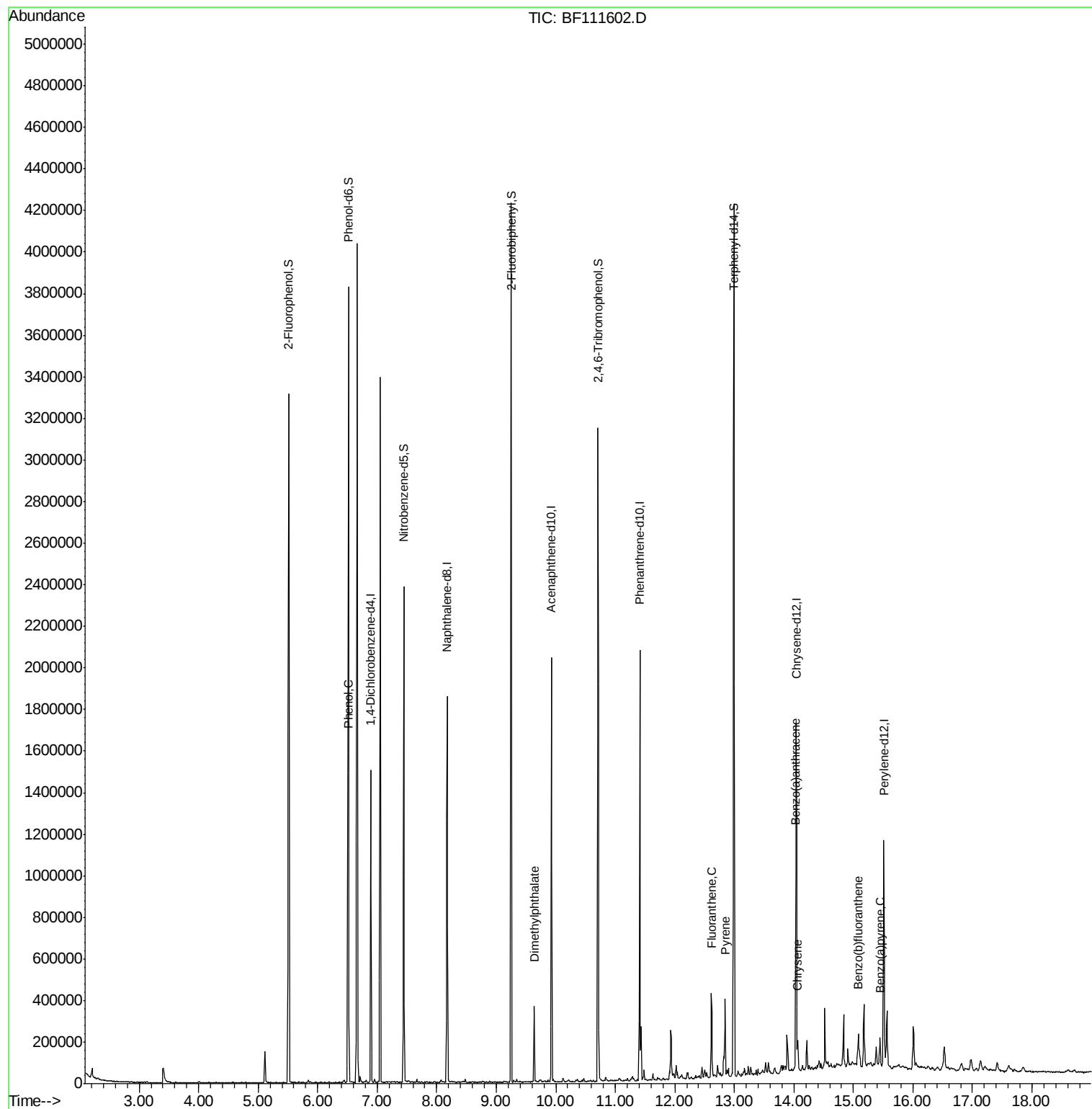
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121918\
Data File : BF111602.D
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Operator : JU/SJ
Sample : J6403-57
Misc :
ALS Vial : 6 Sample Multiplier: 1

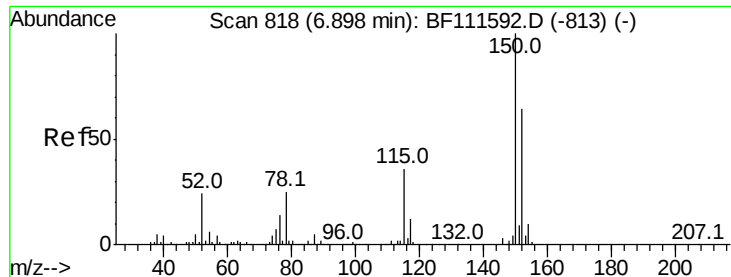
Instrument :
BNA_F
ClientSampleId :
TP-8-A

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Quant Time: Dec 20 03:56:23 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121918.M
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#1

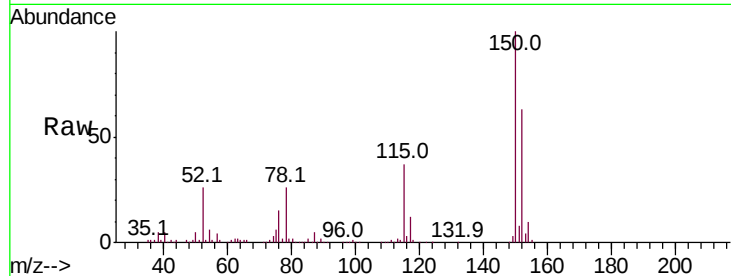
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 817
Delta R.T. -0.01 min
Lab File: BF111602.D
Acq: 19 Dec 2018 20:48

Instrument :
BNA_F
ClientSampled :
TP-8-A

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.2	126.6	189.8
115	59.2	50.7	76.1

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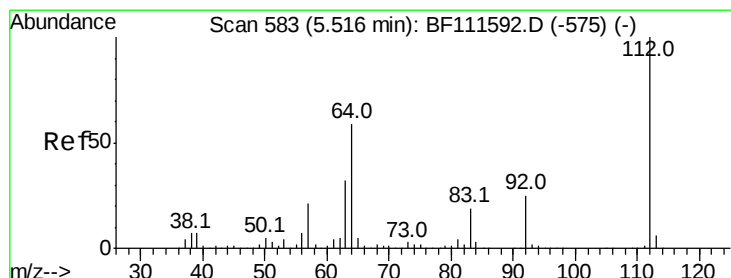
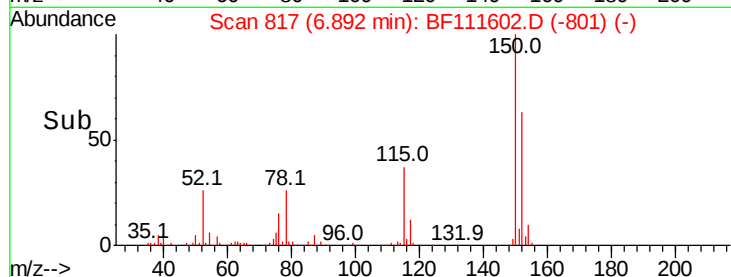
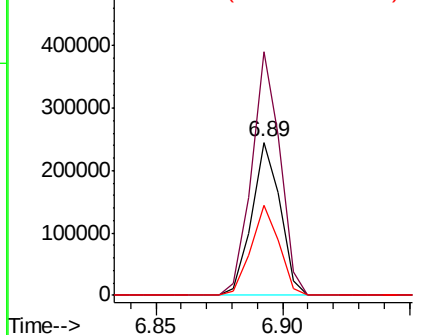


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

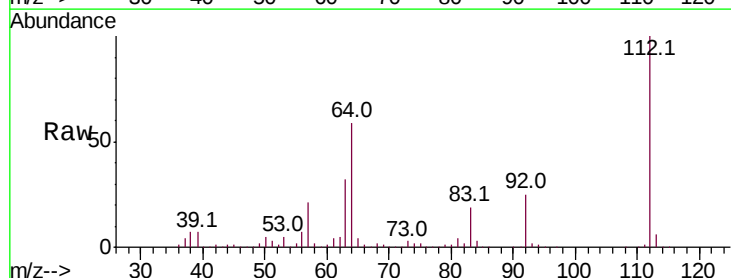
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 81.660 ng
RT: 5.52 min Scan# 583
Delta R.T. -0.00 min
Lab File: BF111602.D
Acq: 19 Dec 2018 20:48

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.4	51.8	77.6
63	32.2	26.8	40.2

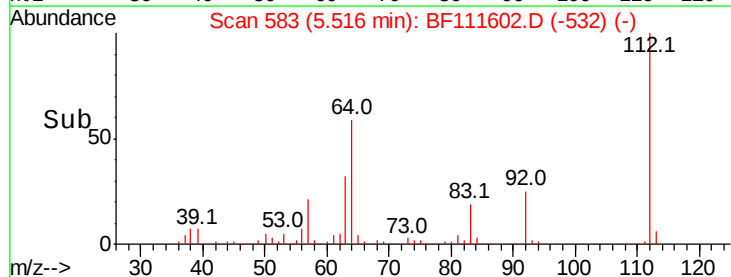
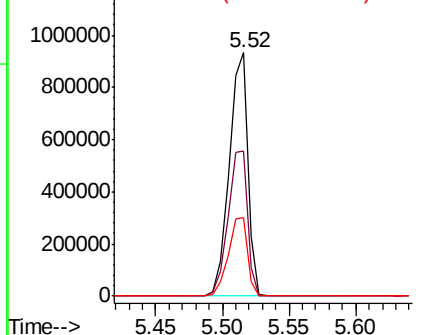


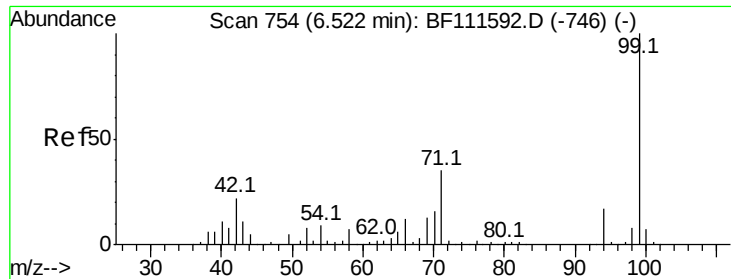
Abundance

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: 83.408 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.01 min

Lab File: BF111602.D

Acq: 19 Dec 2018 20:48

Instrument :

BNA_F

ClientSampled :

TP-8-A

Tot Ion: 99 Resp: 1196790

Ion Ratio Lower Upper

99 100

42 23.1 17.4 26.0

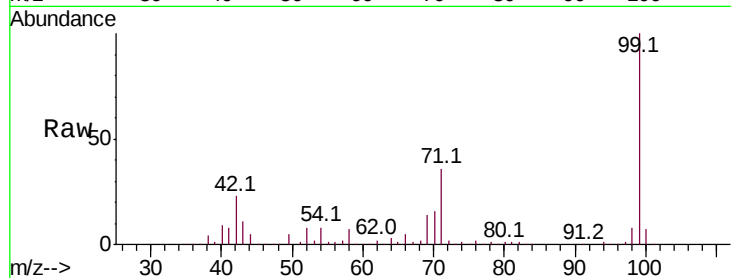
71 35.9 26.1 39.1

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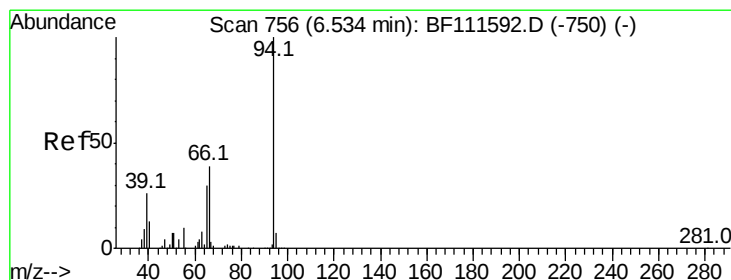
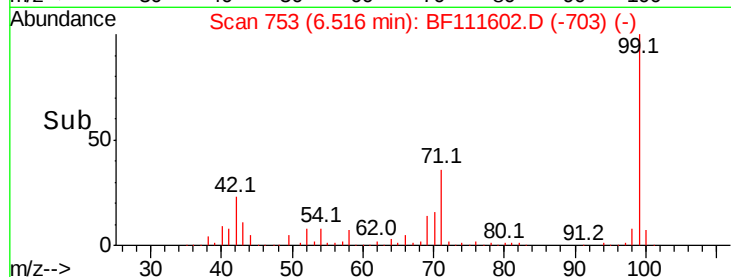
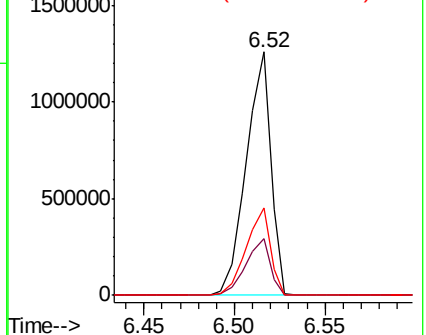
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Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#10

Phenol

Concen: 3.989 ng

RT: 6.53 min Scan# 755

Delta R.T. -0.01 min

Lab File: BF111602.D

Acq: 19 Dec 2018 20:48

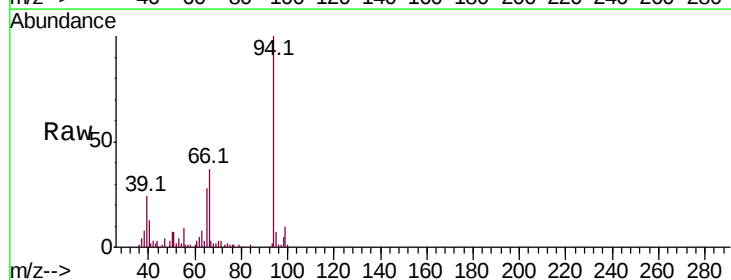
Tgt Ion: 94 Resp: 64588

Ion Ratio Lower Upper

94 100

65 27.8 11.7 51.7

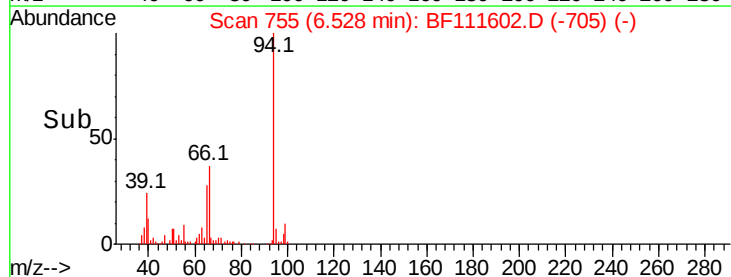
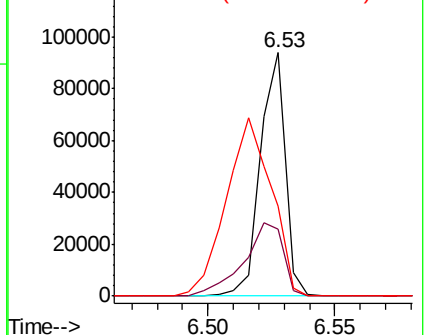
66 37.0 21.0 61.0

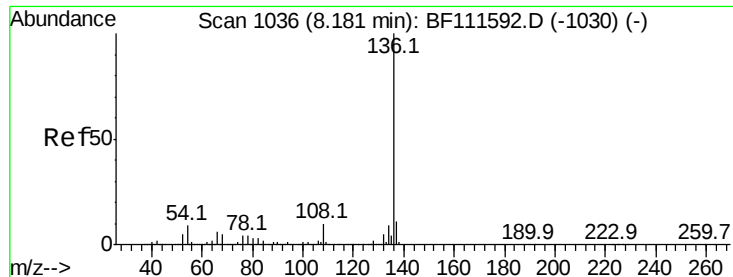


Abundance Ion 94.00 (93.70 to 94.70): BF1

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: 8.17 min Scan# 1035

Delta R.T. -0.01 min

Lab File: BF111602.D

Acq: 19 Dec 2018 20:48

Instrument :

BNA_F

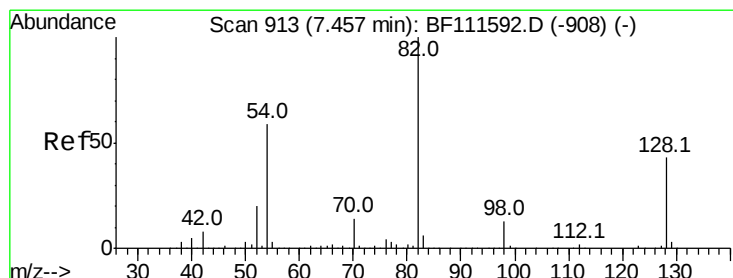
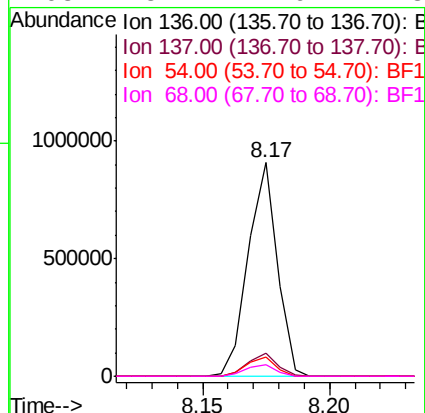
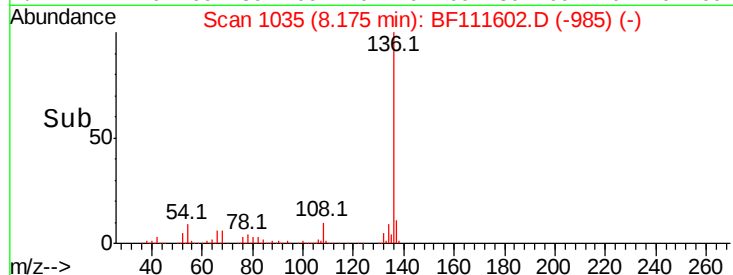
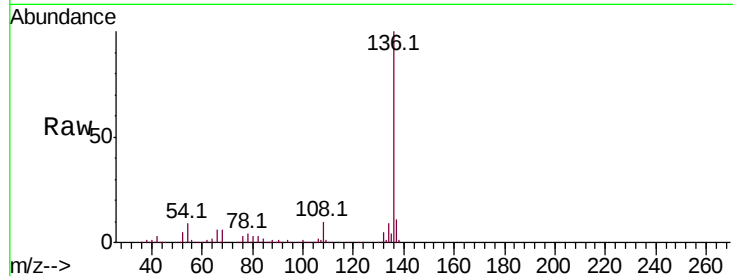
ClientSampleId :

TP-8-A

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.8	9.1	13.7	
54	9.1	7.7	11.5	
68	5.7	4.9	7.3	

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#23

Nitrobenzene-d5

Concen: 57.624 ng

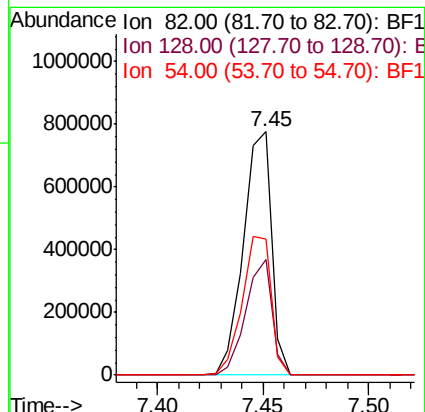
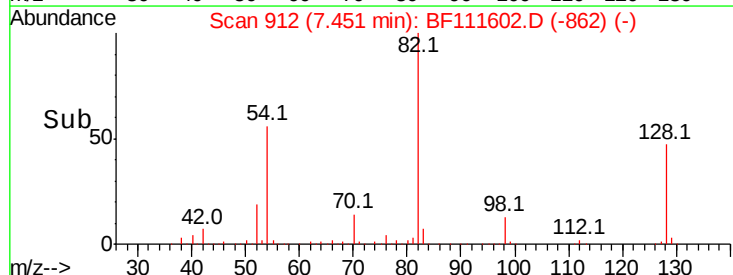
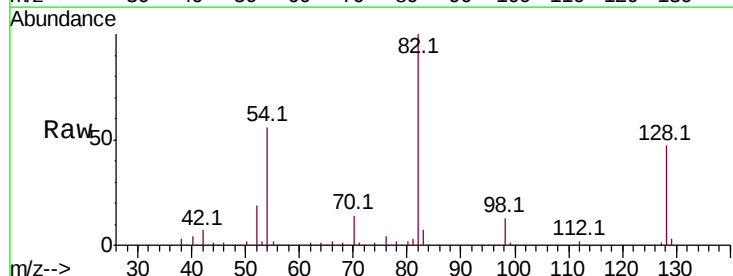
RT: 7.45 min Scan# 912

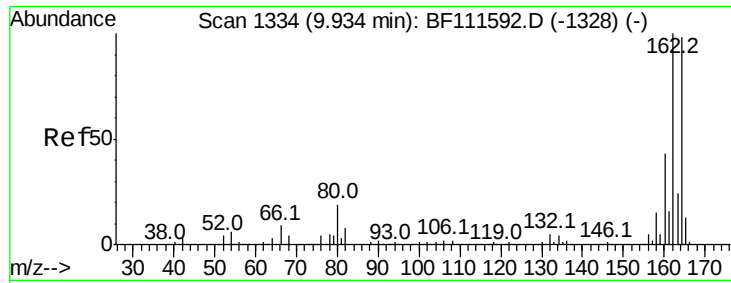
Delta R.T. -0.01 min

Lab File: BF111602.D

Acq: 19 Dec 2018 20:48

Tgt Ion	Ratio	Resp	Lower	Upper
82	100			
128	47.2	37.4	56.2	
54	56.0	47.6	71.4	





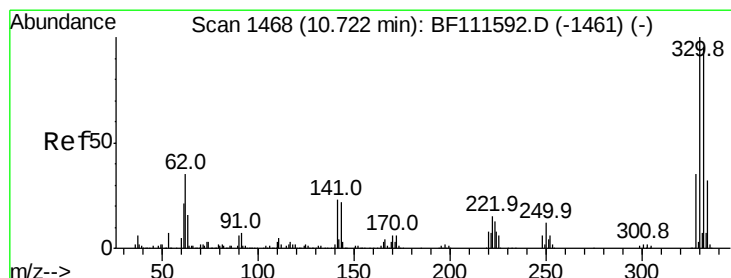
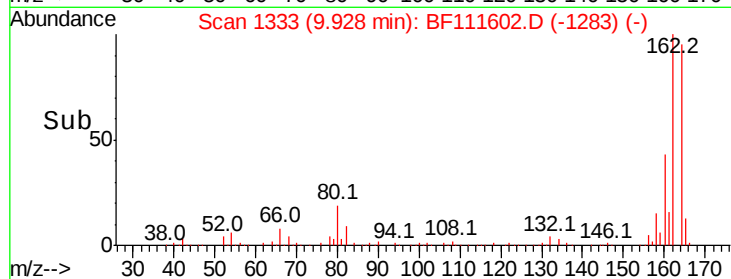
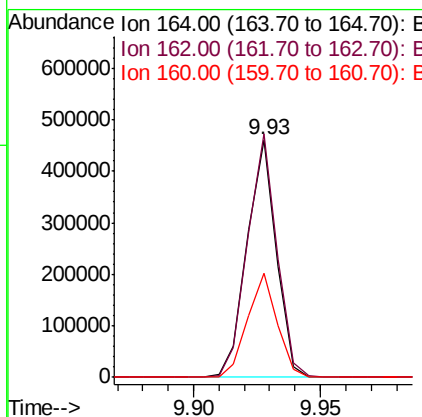
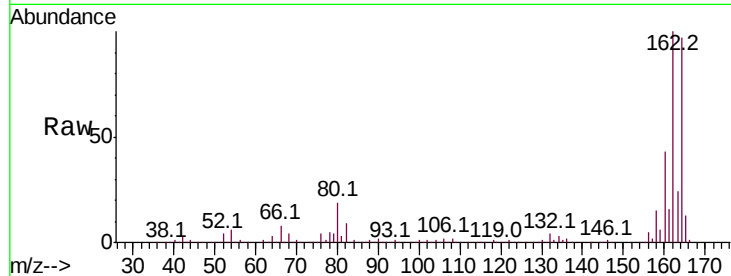
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.93 min Scan# 1333
Delta R.T. -0.01 min
Lab File: BF111602.D
Acq: 19 Dec 2018 20:48

Instrument :
BNA_F
ClientSampleId :
TP-8-A

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	102.6	81.4	122.0	
160	44.1	35.7	53.5	

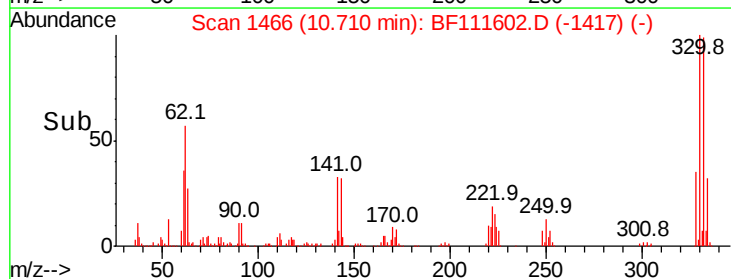
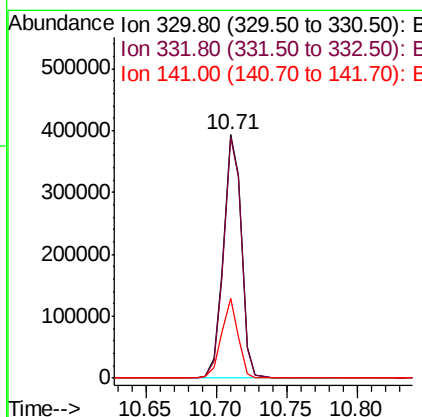
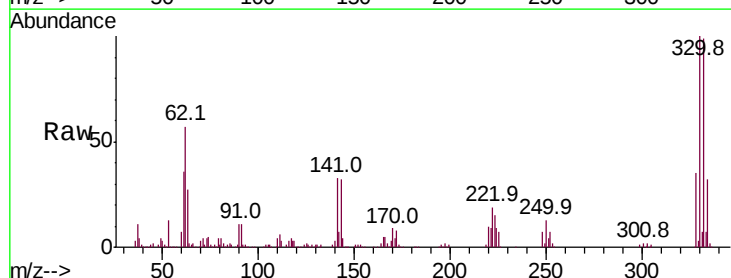
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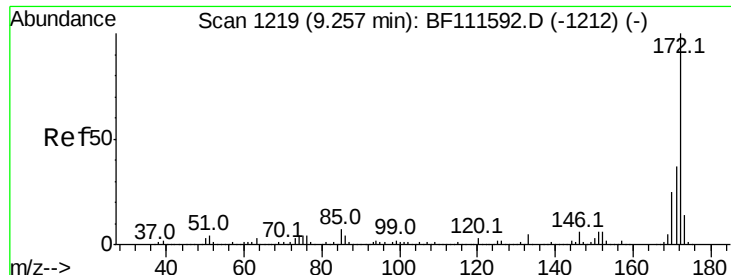
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#42
2,4,6-Tribromophenol
Concen: 79.743 ng
RT: 10.71 min Scan# 1466
Delta R.T. -0.01 min
Lab File: BF111602.D
Acq: 19 Dec 2018 20:48

Tgt Ion	Ratio	Resp	Lower	Upper
330	100			
332	97.9	76.0	114.0	
141	30.1	31.0	46.6	





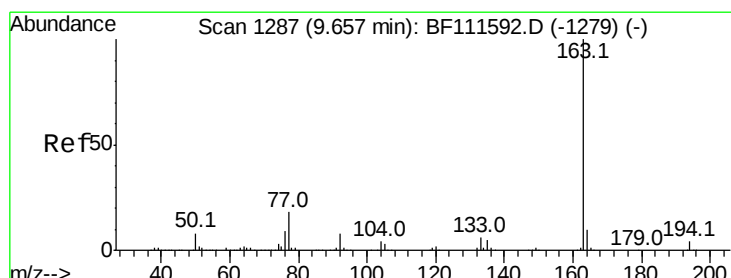
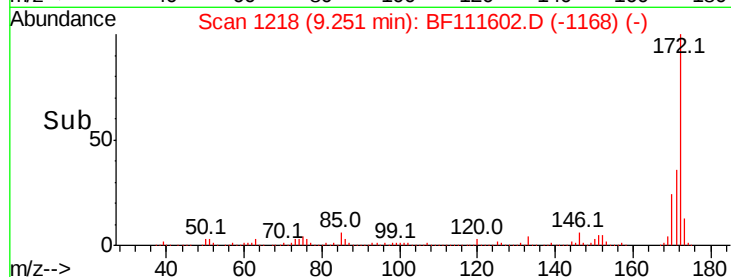
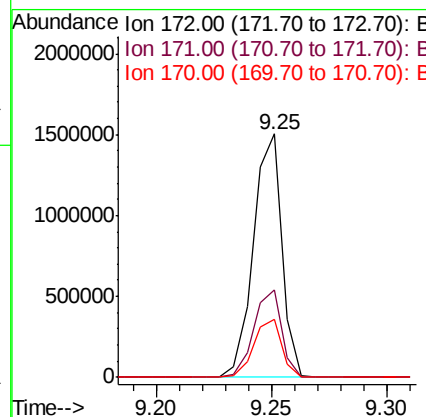
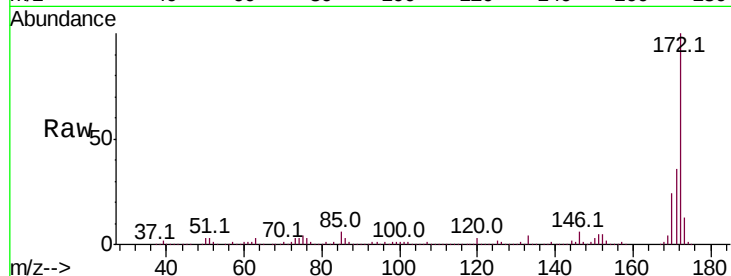
#45
2-Fluorobiphenyl
Concen: 51.240 ng
RT: 9.25 min Scan# 1218
Delta R.T. -0.01 min
Lab File: BF111602.D
Acq: 19 Dec 2018 20:48

Instrument :
BNA_F
ClientSampleId :
TP-8-A

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.9	33.0	49.4
170	23.6	22.3	33.5

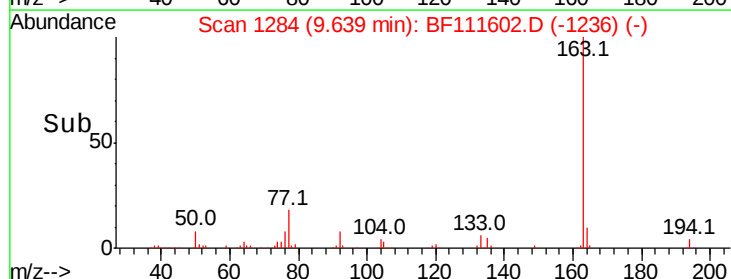
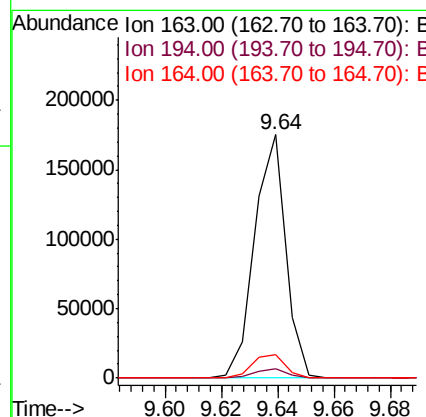
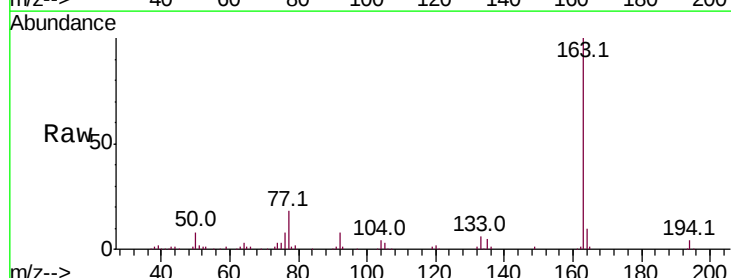
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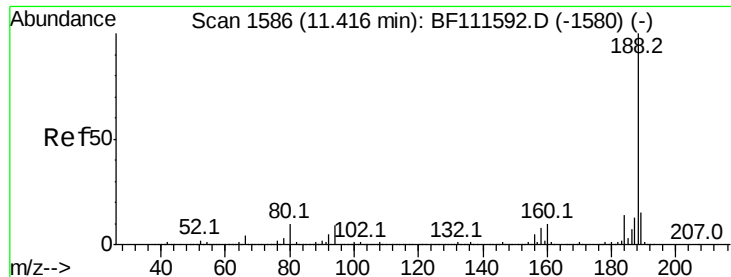
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#50
Dimethylphthalate
Concen: 4.982 ng
RT: 9.64 min Scan# 1284
Delta R.T. -0.02 min
Lab File: BF111602.D
Acq: 19 Dec 2018 20:48

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.0	4.6
164	9.9	8.9	13.3





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.41 min Scan# 1585

Delta R.T. -0.01 min

Lab File: BF111602.D

Acq: 19 Dec 2018 20:48

Instrument :

BNA_F

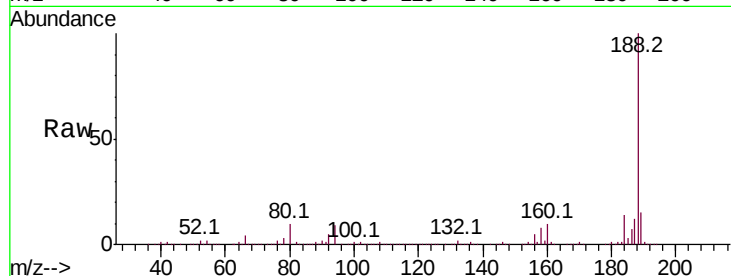
ClientSampled :

TP-8-A

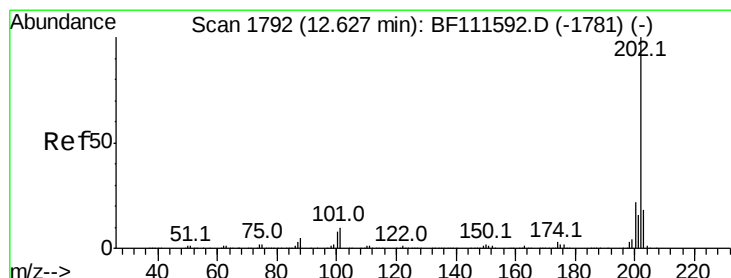
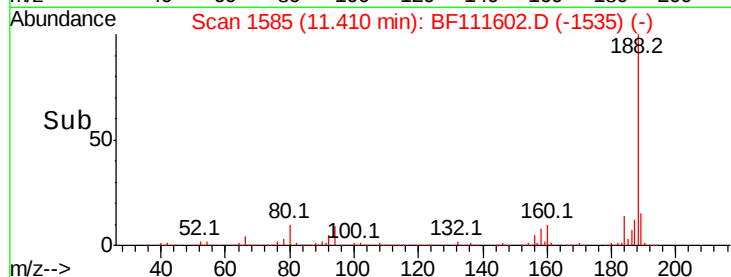
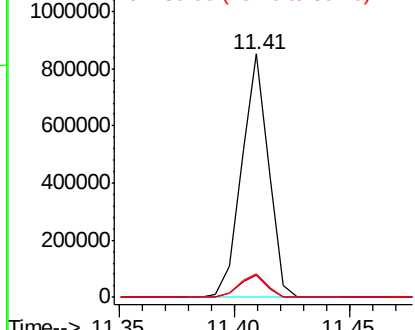
Tot Ion	Ratio	Resp	Lower	Upper
188	100	687169		
94	9.3		9.6	14.4#
80	9.7		9.8	14.6#

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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: 4.094 ng

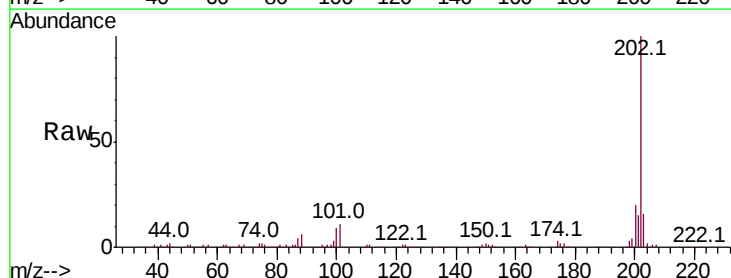
RT: 12.62 min Scan# 1790

Delta R.T. -0.01 min

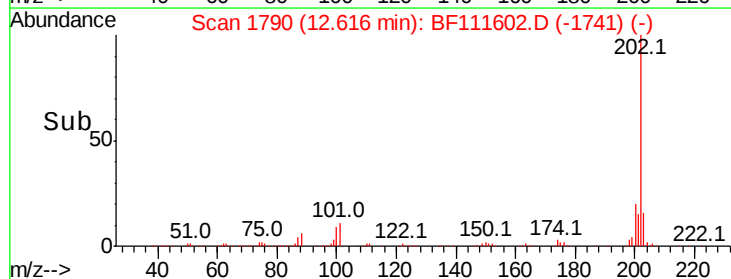
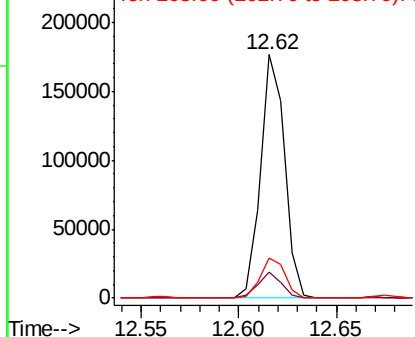
Lab File: BF111602.D

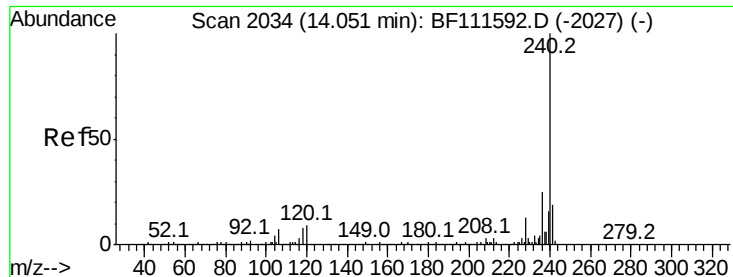
Acq: 19 Dec 2018 20:48

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	151102		
101	10.9		0.0	33.8
203	16.5		0.0	38.6



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





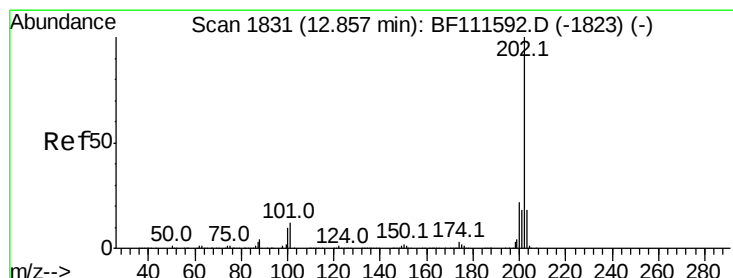
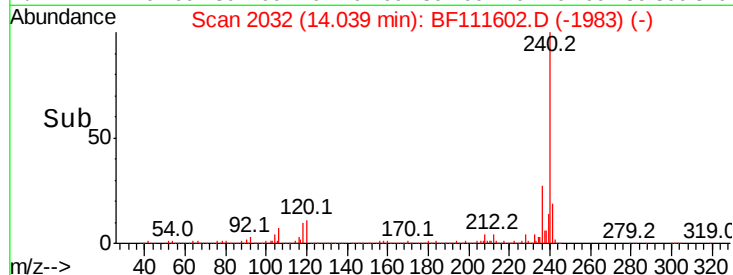
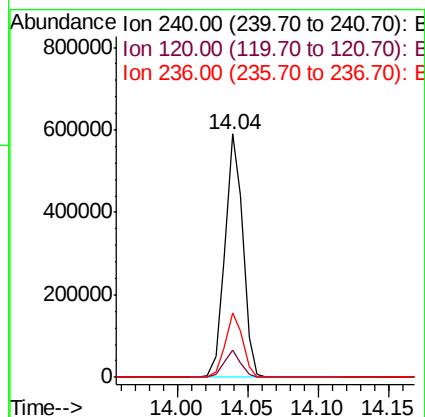
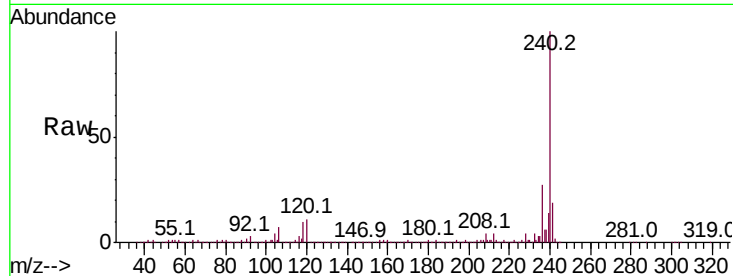
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.04 min Scan# 2032
Delta R.T. -0.01 min
Lab File: BF111602.D
Acq: 19 Dec 2018 20:48

Instrument :
BNA_F
ClientSampleId :
TP-8-A

Tot Ion	Ratio	Resp	Lower	Upper
240	100	520472		
120	11.0	12.2	18.2	#
236	26.5	20.2	30.2	

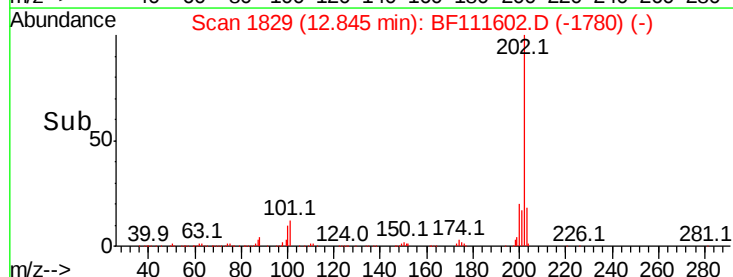
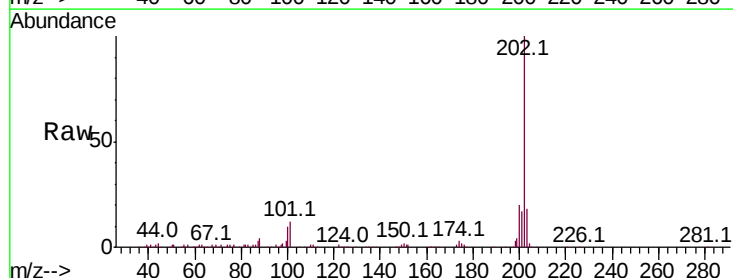
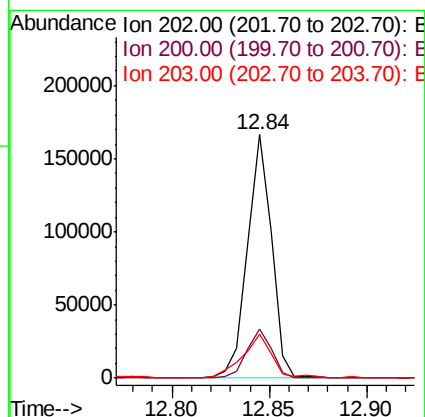
Manual Integrations
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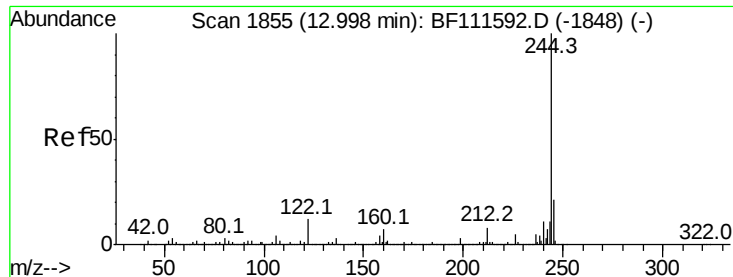
Sohil
12/20/2018 12:42:08 PM



#78
Pyrene
Concen: 3.901 ng
RT: 12.84 min Scan# 1829
Delta R.T. -0.01 min
Lab File: BF111602.D
Acq: 19 Dec 2018 20:48

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	143388		
200	20.0	19.0	28.4	
203	18.1	15.2	22.8	





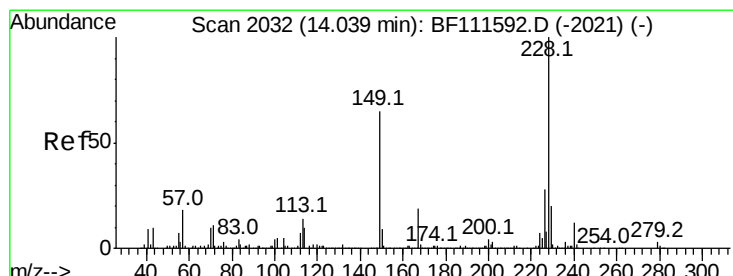
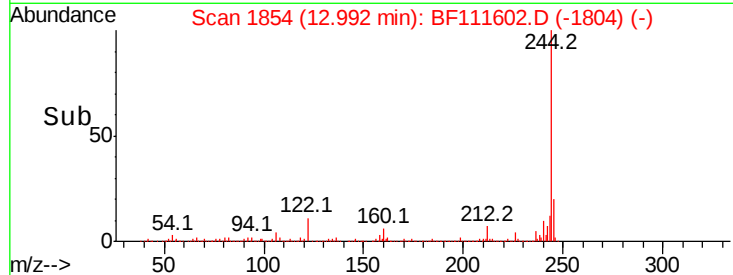
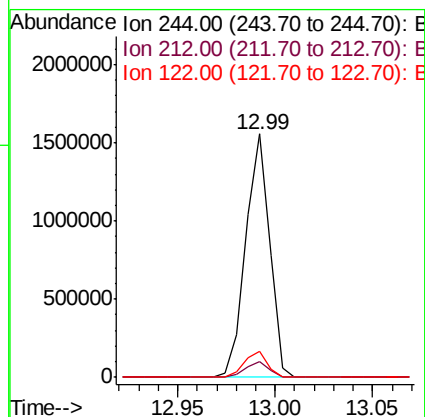
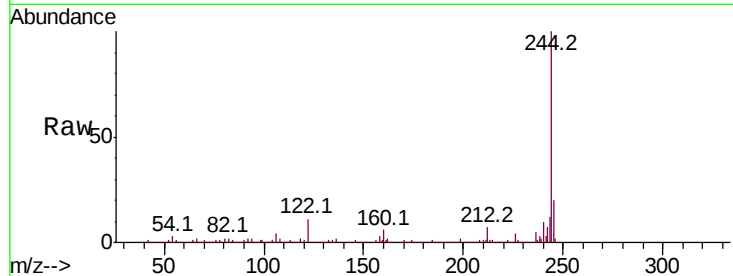
#79
 Terphenyl-d14
 Concen: 48.132 ng
 RT: 12.99 min Scan# 1854
 Delta R.T. -0.01 min
 Lab File: BF111602.D
 Acq: 19 Dec 2018 20:48

Instrument :
 BNA_F
 ClientSampled :
 TP-8-A

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.7	8.5
122	10.6	13.1	19.7

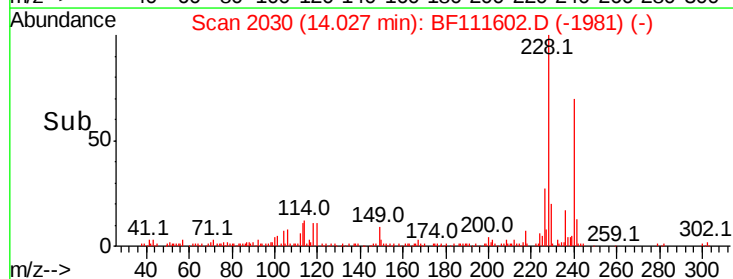
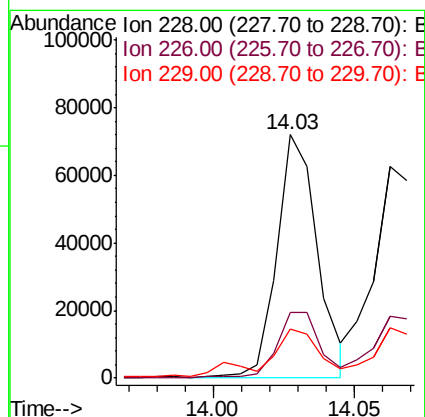
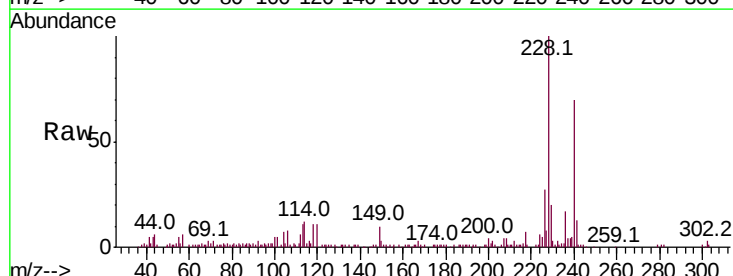
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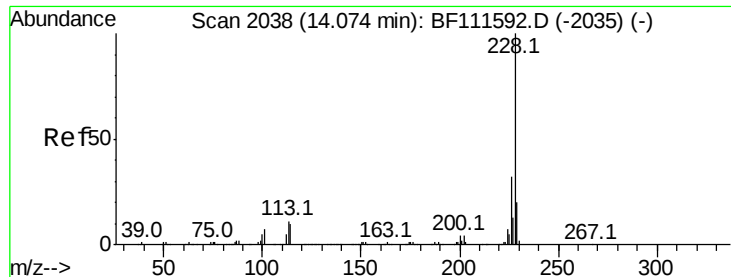
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#81
 Benzo(a)anthracene
 Concen: 2.425 ng
 RT: 14.03 min Scan# 2030
 Delta R.T. -0.01 min
 Lab File: BF111602.D
 Acq: 19 Dec 2018 20:48

Tgt Ion	Ratio	Lower	Upper
228	100		
226	26.8	22.6	34.0
229	20.2	16.3	24.5





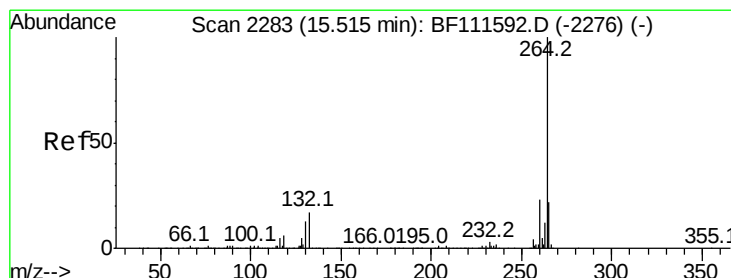
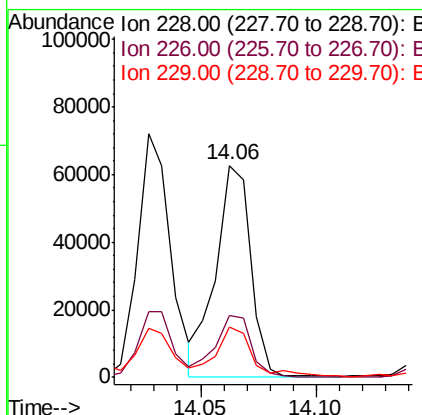
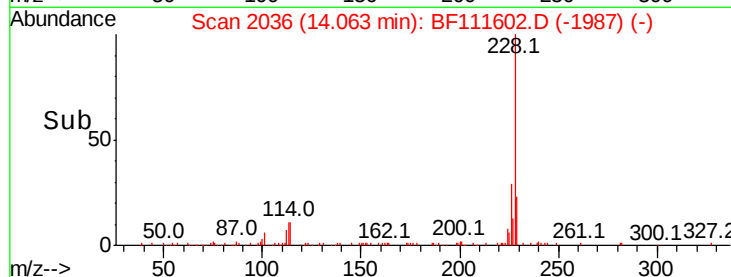
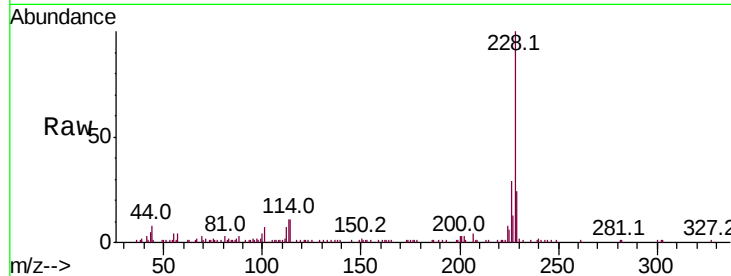
#83
Chrysene
Concen: 2.284 ng
RT: 14.06 min Scan# 2036
Delta R.T. -0.01 min
Lab File: BF111602.D
Acq: 19 Dec 2018 20:48

Instrument :
BNA_F
ClientSampled :
TP-8-A

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.0	25.3	37.9
229	23.5	17.2	25.8

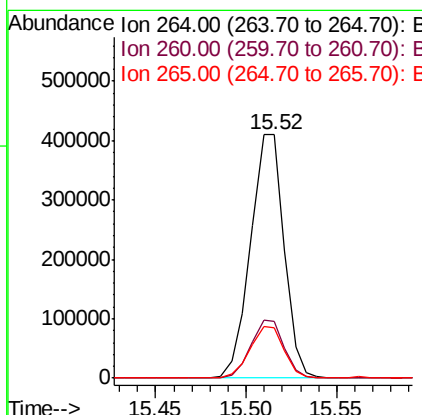
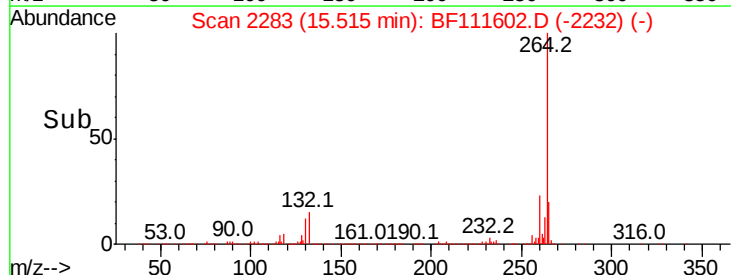
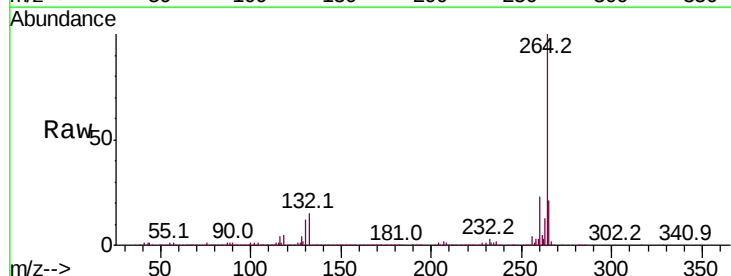
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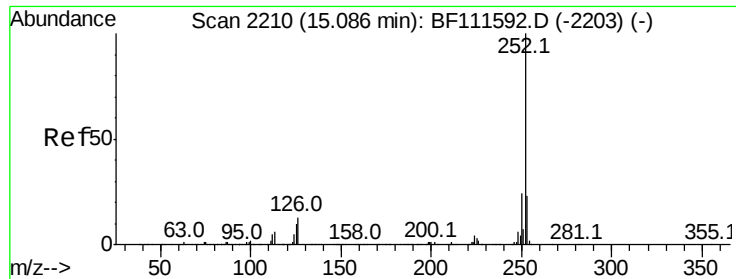
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#87
Perylene-d12
Concen: 20.000 ng
RT: 15.52 min Scan# 2283
Delta R.T. -0.00 min
Lab File: BF111602.D
Acq: 19 Dec 2018 20:48

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.3	27.5
265	20.5	17.7	26.5





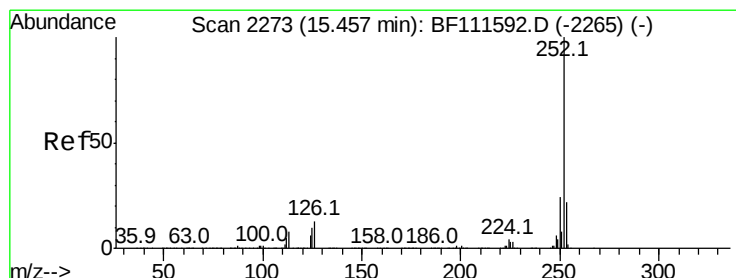
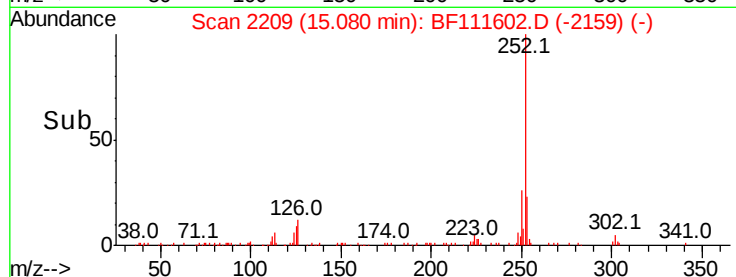
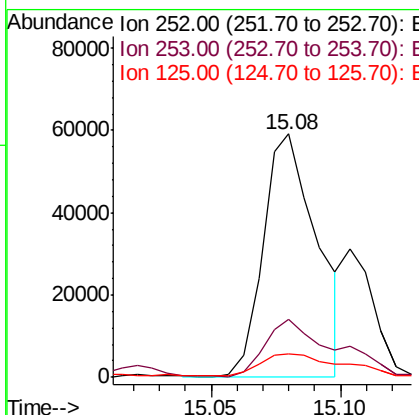
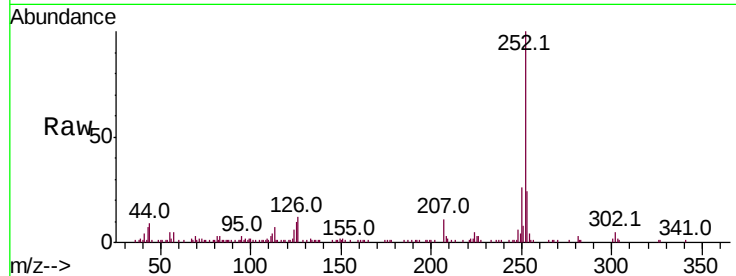
#88
Benzo(b)fluoranthene
Concen: 2.797 ng m
RT: 15.08 min Scan# 2209
Delta R.T. -0.01 min
Lab File: BF111602.D
Acq: 19 Dec 2018 20:48

Instrument :
BNA_F
ClientSampled :
TP-8-A

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.0	18.2	27.2
125	9.9	10.4	15.6

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#90
Benzo(a)pyrene
Concen: 2.287 ng m
RT: 15.44 min Scan# 2271
Delta R.T. -0.01 min
Lab File: BF111602.D
Acq: 19 Dec 2018 20:48

Tgt Ion	Ratio	Lower	Upper
252	100		
253	20.9	17.8	26.8
125	11.6	12.3	18.5

