

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112718\
 Data File : BF111012.D
 Acq On : 27 Nov 2018 16:24
 Operator : JU/SJ
 Sample : J6060-04
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20180945-COMPOSITE-4

Manual Integrations
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Quant Time: Nov 27 17:37:50 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF112618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 27 15:32:10 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	44692	20.00	ng	0.00
21) Naphthalene-d8	8.22	136	161536	20.00	ng	0.00
39) Acenaphthene-d10	9.98	164	65184	20.00	ng	0.00
64) Phenanthrene-d10	11.48	188	126304	20.00	ng	0.00
76) Chrysene-d12	14.14	240	102483	20.00	ng	0.00
87) Perylene-d12	15.67	264	67306	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	347871	129.08	ng	0.01
7) Phenol-d6	6.57	99	405514	115.46	ng	0.00
23) Nitrobenzene-d5	7.50	82	243395	86.23	ng	0.00
42) 2,4,6-Tribromophenol	10.78	330	75271	116.27	ng	0.00
45) 2-Fluorobiphenyl	9.29	172	368612	81.93	ng	0.00
79) Terphenyl-d14	13.06	244	348422	66.18	ng	0.00
Target Compounds						
10) Phenol	6.58	94	21686	5.483	ng	87
50) Dimethylphthalate	9.69	163	50506	10.565	ng	99
71) Phenanthrene	11.50	178	26635	3.982	ng	98
75) Fluoranthene	12.70	202	33156	4.822	ng	98
78) Pyrene	12.93	202	37530	5.014	ng	98
81) Benzo(a)anthracene	14.13	228	13662m	2.258	ng	
83) Chrysene	14.16	228	13475	2.262	ng	99
88) Benzo(b)fluoranthene	15.22	252	8340m	2.109	ng	
90) Benzo(a)pyrene	15.62	252	7527	2.045	ng	# 74

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

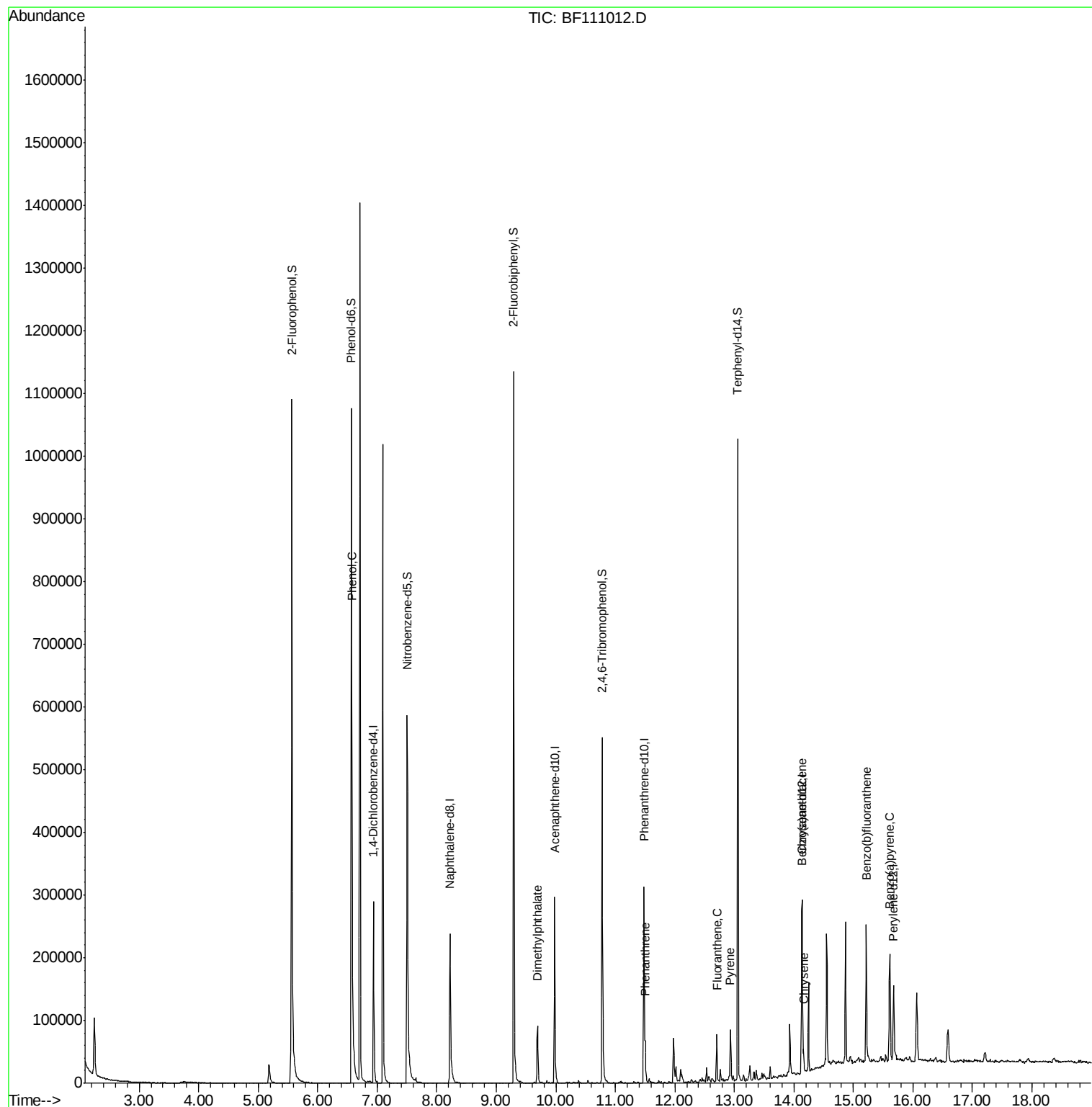
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112718\
Data File : BF111012.D
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Operator : JU/SJ
Sample : J6060-04
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#1

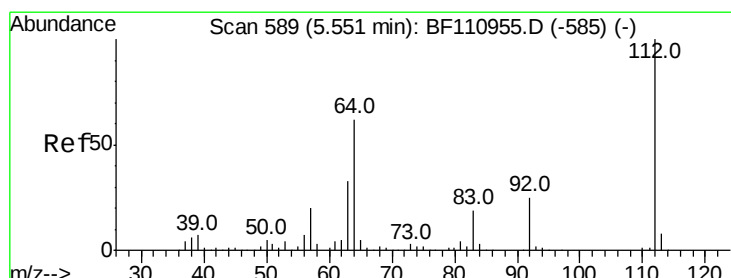
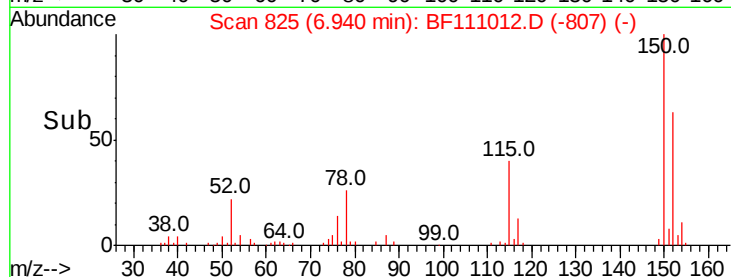
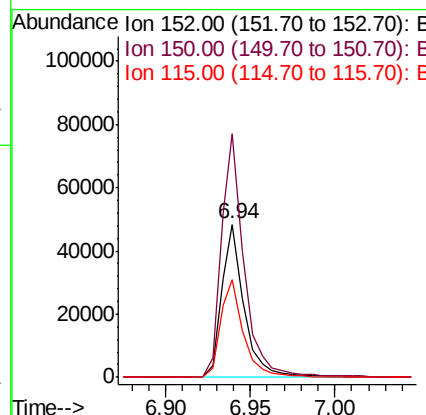
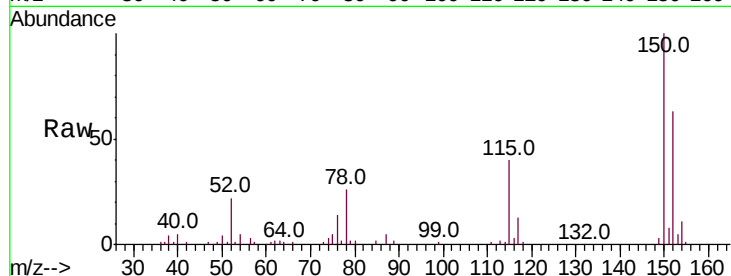
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.94 min Scan# 825
Delta R.T. 0.01 min
Lab File: BF111012.D
Acq: 27 Nov 2018 16:24

Instrument :
BNA_F
ClientSampleId :
20180945-COMPOSITE-4

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.2	122.7	184.1
115	63.8	49.1	73.7

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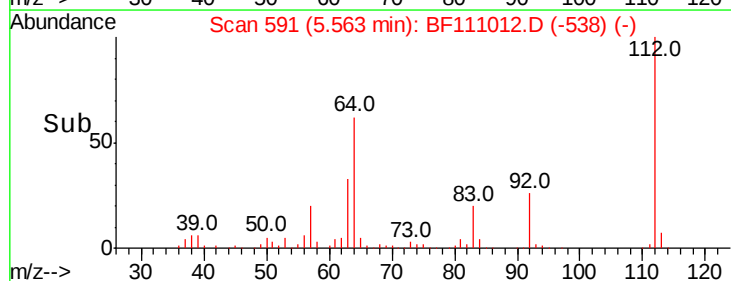
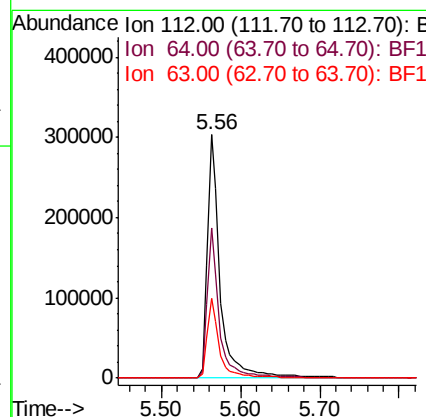
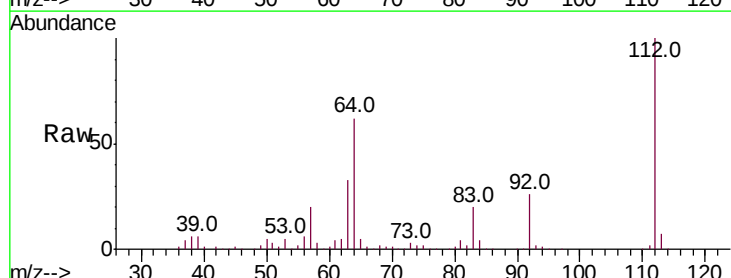
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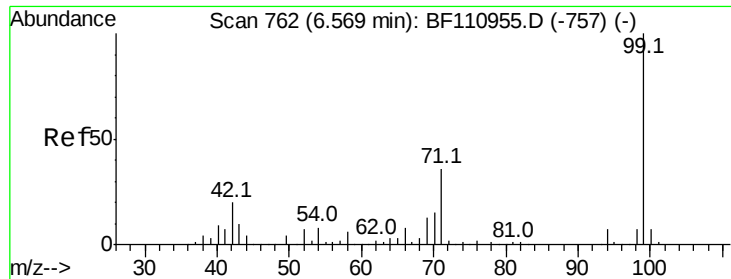


#5

2-Fluorophenol
Concen: 129.079 ng
RT: 5.56 min Scan# 591
Delta R.T. 0.01 min
Lab File: BF111012.D
Acq: 27 Nov 2018 16:24

Tgt Ion	Ratio	Lower	Upper
112	100		
64	61.6	44.1	66.1
63	32.7	23.7	35.5





#7

Phenol-d6

Concen: 115.463 ng

RT: 6.57 min Scan# 762

Delta R.T. -0.00 min

Lab File: BF111012.D

Acq: 27 Nov 2018 16:24

Instrument :

BNA_F

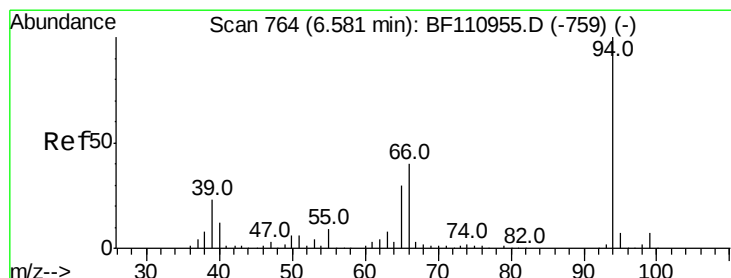
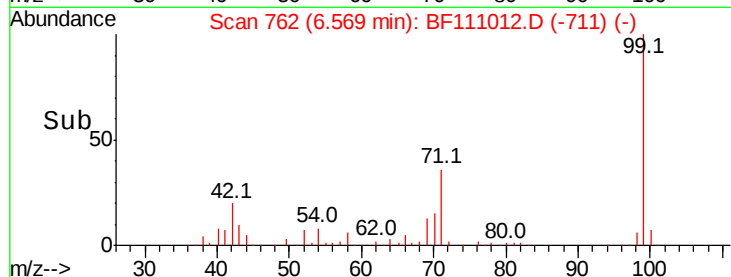
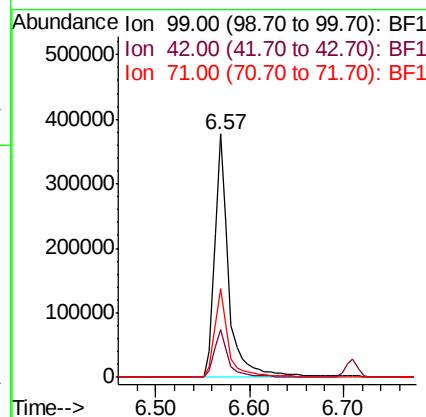
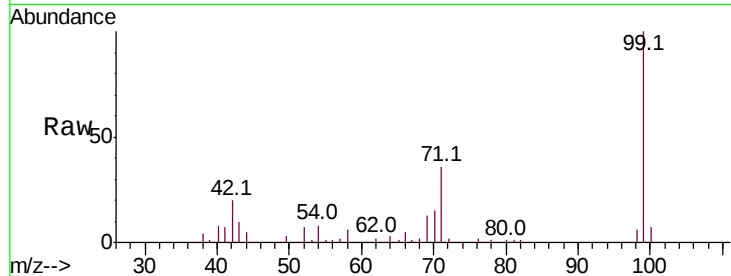
ClientSampleId :

20180945-COMPOSITE-4

Tot Ion:	99	Resp:	405514
Ion	Ratio	Lower	Upper
99	100		
42	19.8	15.8	23.6
71	36.3	28.0	42.0

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#10

Phenol

Concen: 5.483 ng

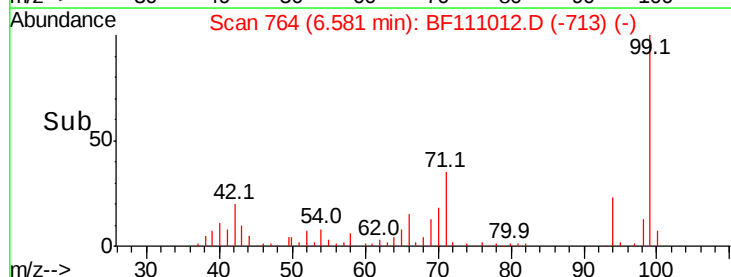
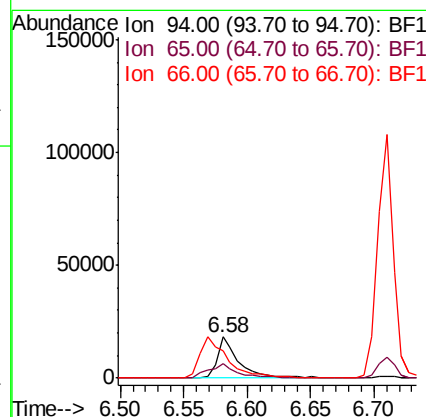
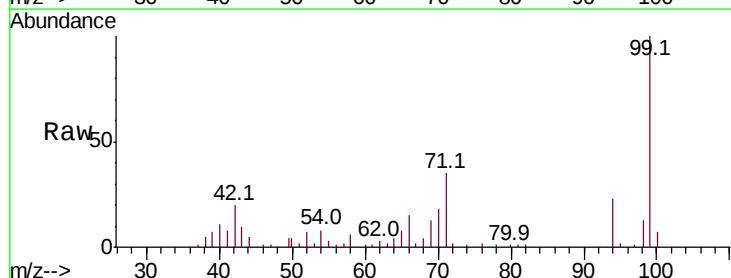
RT: 6.58 min Scan# 764

Delta R.T. -0.00 min

Lab File: BF111012.D

Acq: 27 Nov 2018 16:24

Tgt Ion:	94	Resp:	21686
Ion	Ratio	Lower	Upper
94	100		
65	34.9	25.3	65.3
66	65.1	54.5	94.5





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.22 min Scan# 1043

Delta R.T. -0.00 min

Lab File: BF111012.D

Acq: 27 Nov 2018 16:24

Instrument :

BNA_F

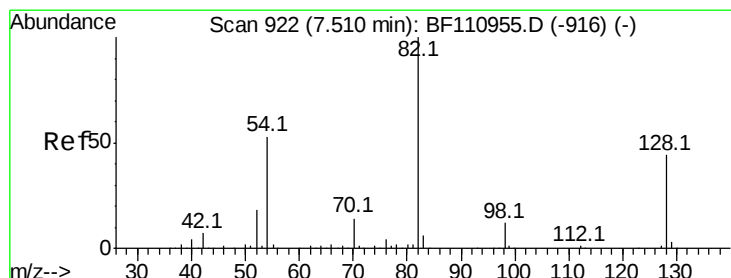
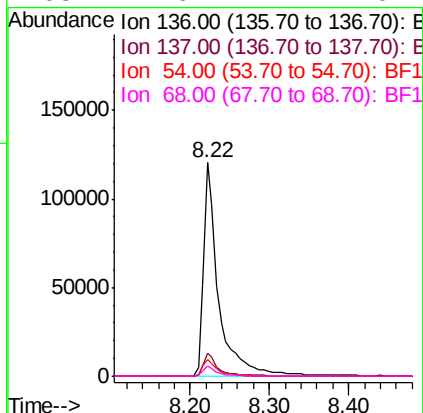
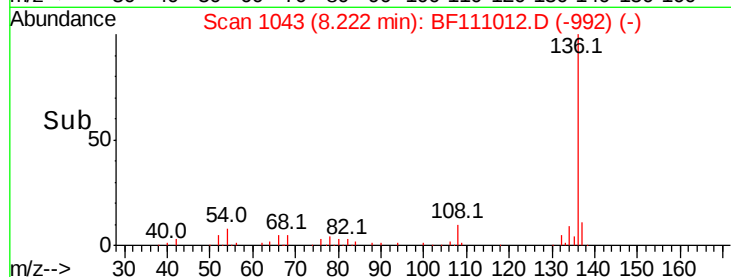
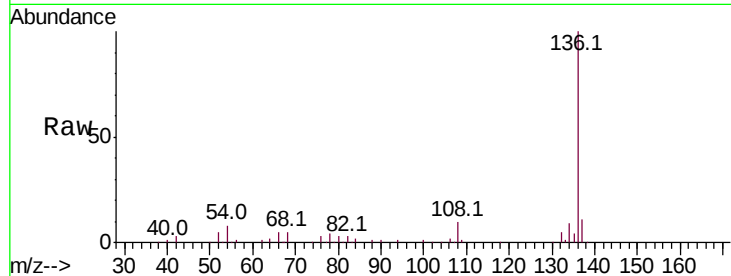
ClientSampleId :

20180945-COMPOSITE-4

Tot Ion	Ratio	Resp	Lower	Upper
136	100	161536		
137	11.0		8.8	13.2
54	8.1		5.4	8.2
68	4.6		4.2	6.2

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#23

Nitrobenzene-d5

Concen: 86.233 ng

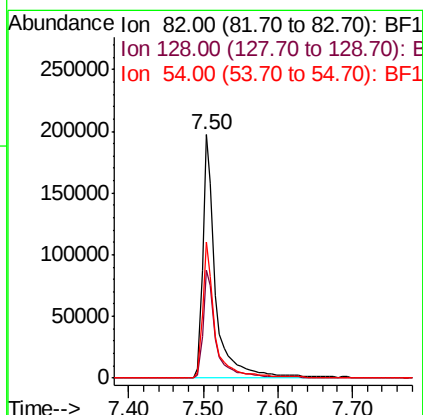
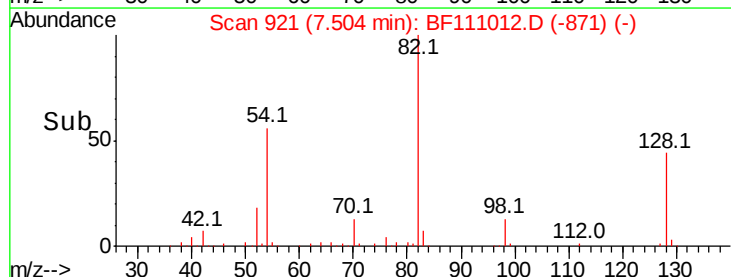
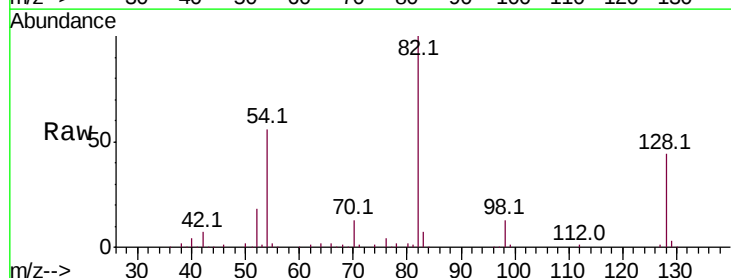
RT: 7.50 min Scan# 921

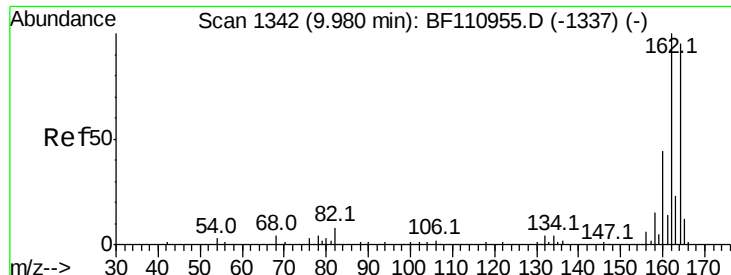
Delta R.T. -0.01 min

Lab File: BF111012.D

Acq: 27 Nov 2018 16:24

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	243395		
128	44.2		34.2	51.2
54	55.8		38.6	58.0





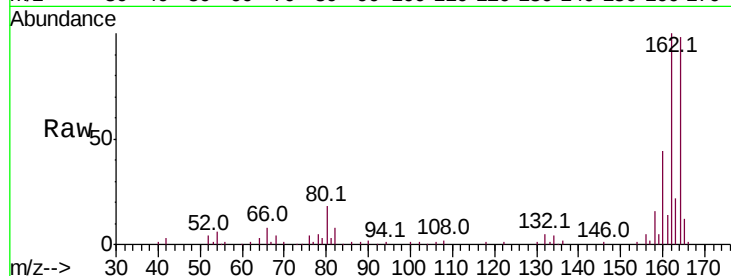
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.98 min Scan# 1342
Delta R.T. -0.00 min
Lab File: BF111012.D
Acq: 27 Nov 2018 16:24

Instrument :
BNA_F
ClientSampleId :
20180945-COMPOSITE-4

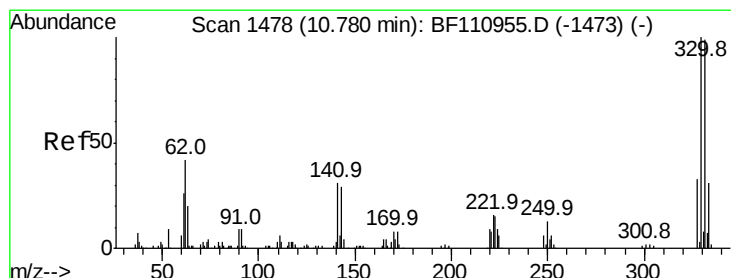
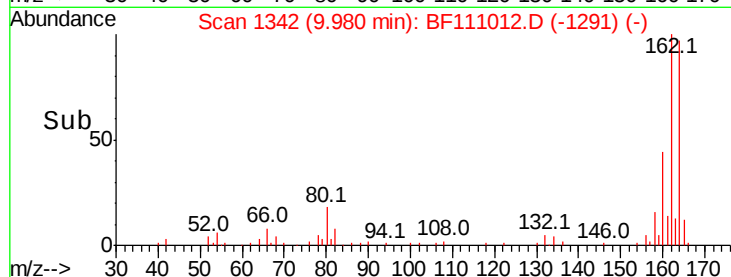
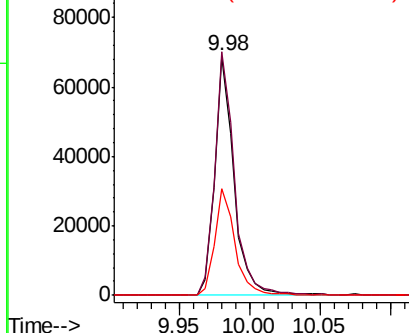
Tot Ion	Ratio	Lower	Upper
164	100		
162	102.0	83.0	124.6
160	44.6	37.0	55.6

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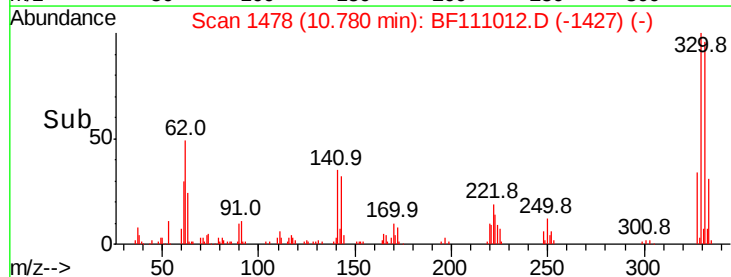
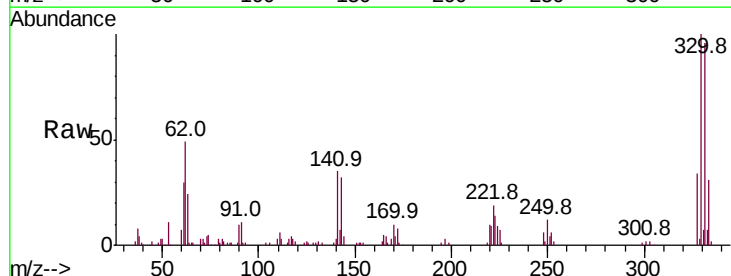
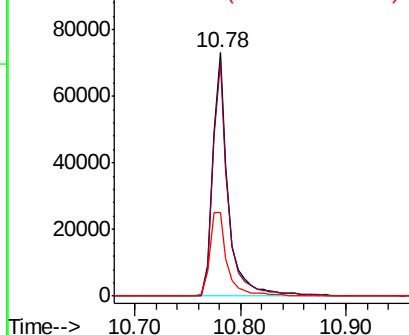
Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E



#42
2,4,6-Tribromophenol
Concen: 116.273 ng
RT: 10.78 min Scan# 1478
Delta R.T. -0.00 min
Lab File: BF111012.D
Acq: 27 Nov 2018 16:24

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.1	77.1	115.7
141	38.8	27.0	40.4

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





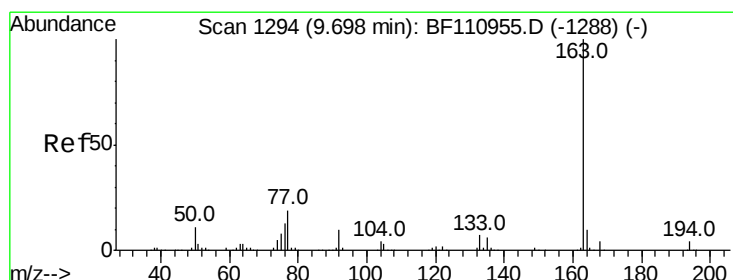
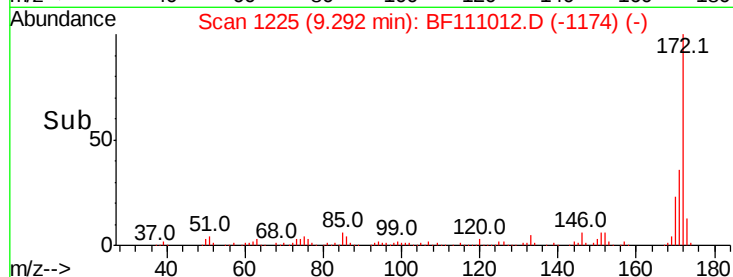
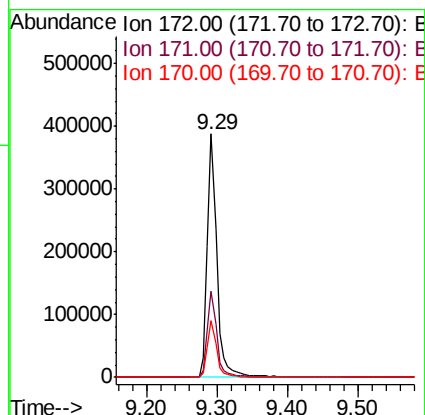
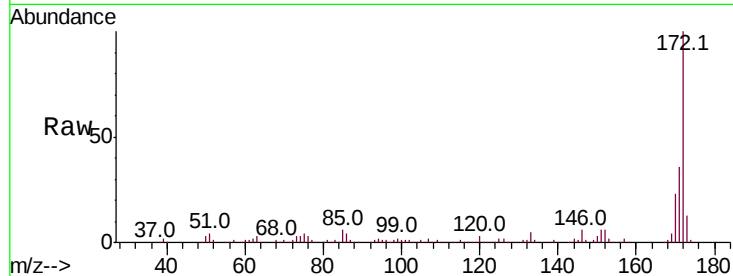
#45
2-Fluorobiphenyl
Concen: 81.927 ng
RT: 9.29 min Scan# 1225
Delta R.T. -0.00 min
Lab File: BF111012.D
Acq: 27 Nov 2018 16:24

Instrument :
BNA_F
ClientSampleId :
20180945-COMPOSITE-4

Tot Ion	Ratio	Resp	Lower	Upper
172	100			
171	35.5	28.6	43.0	
170	23.4	19.7	29.5	

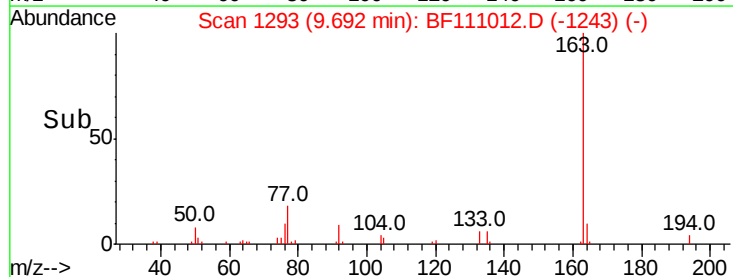
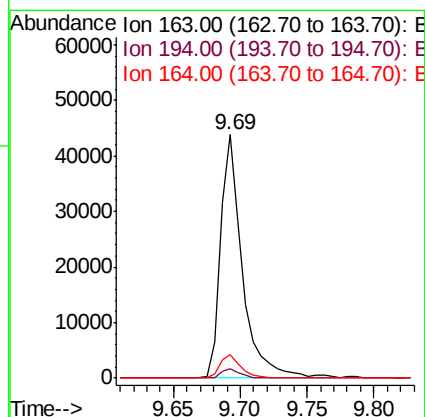
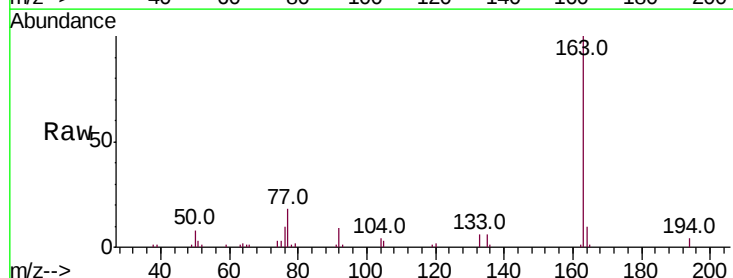
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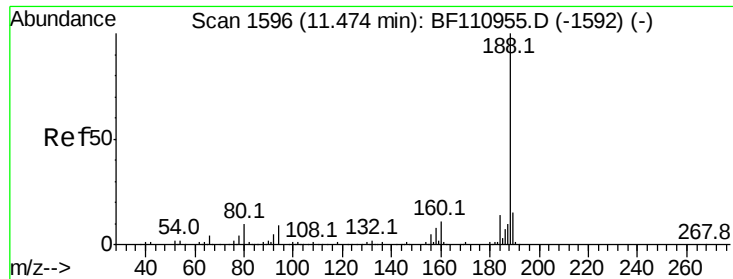
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#50
Dimethylphthalate
Concen: 10.565 ng
RT: 9.69 min Scan# 1293
Delta R.T. -0.01 min
Lab File: BF111012.D
Acq: 27 Nov 2018 16:24

Tgt Ion	Ratio	Resp	Lower	Upper
163	100			
194	3.7	3.2	4.8	
164	9.7	8.1	12.1	





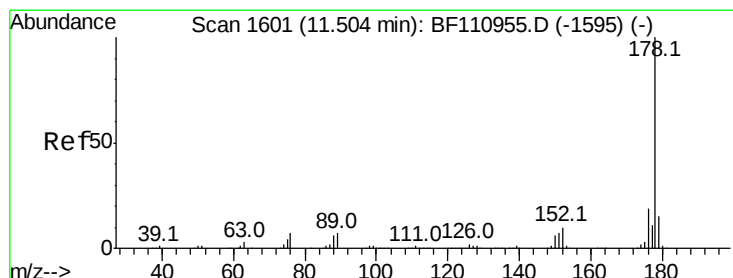
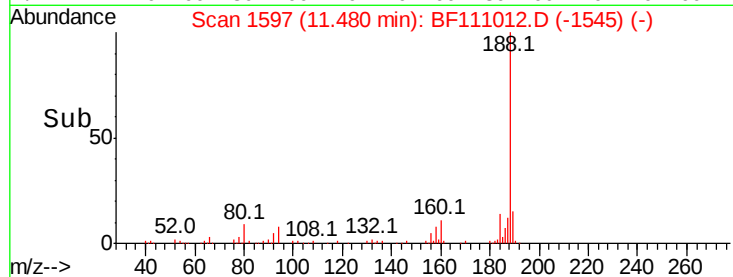
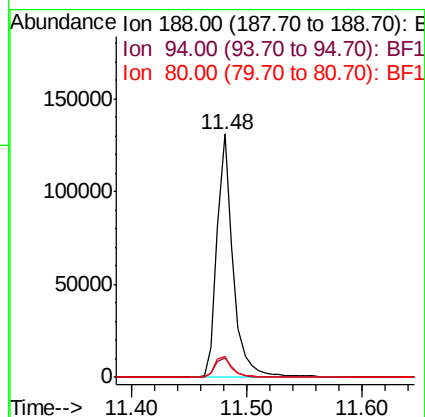
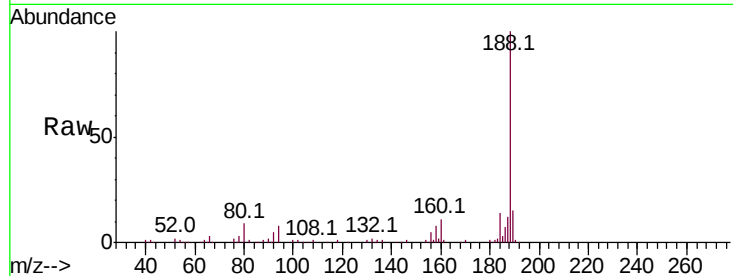
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.48 min Scan# 1597
Delta R.T. 0.01 min
Lab File: BF111012.D
Acq: 27 Nov 2018 16:24

Instrument :
BNA_F
ClientSampleId :
20180945-COMPOSITE-4

Tot Ion	Ratio	Resp	Lower	Upper
188	100	126304		
94	7.9		7.2	10.8
80	8.8		7.9	11.9

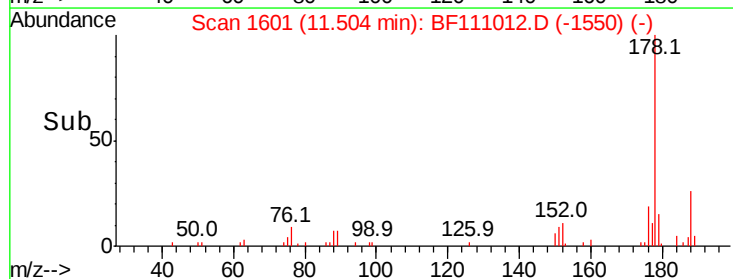
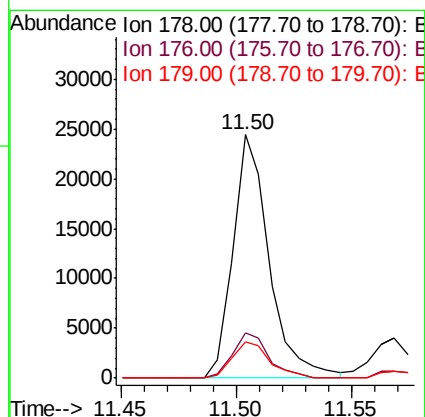
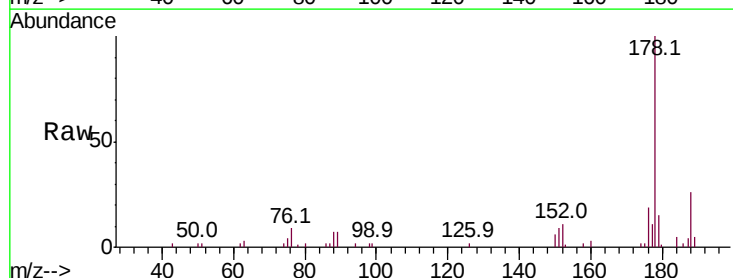
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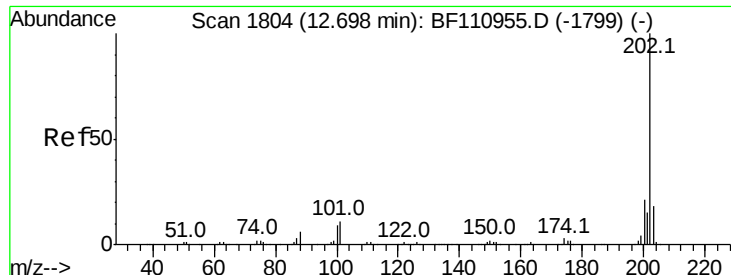
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#71
Phenanthrene
Concen: 3.982 ng
RT: 11.50 min Scan# 1601
Delta R.T. -0.00 min
Lab File: BF111012.D
Acq: 27 Nov 2018 16:24

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	26635		
176	18.6		15.5	23.3
179	14.8		12.5	18.7





#75

Fluoranthene

Concen: 4.822 ng

RT: 12.70 min Scan# 1805

Delta R.T. 0.01 min

Lab File: BF111012.D

Acq: 27 Nov 2018 16:24

Instrument :

BNA_F

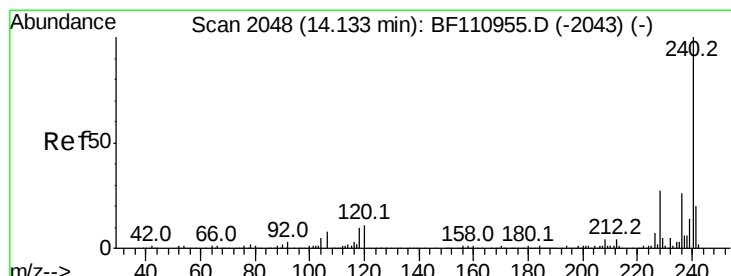
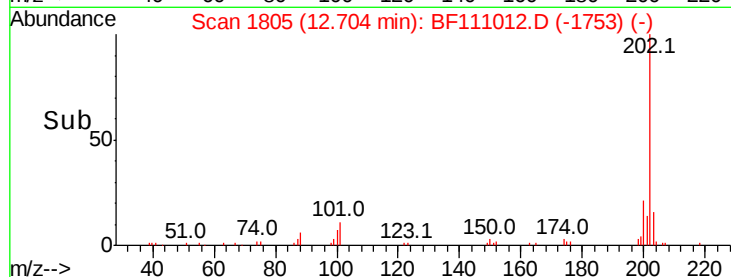
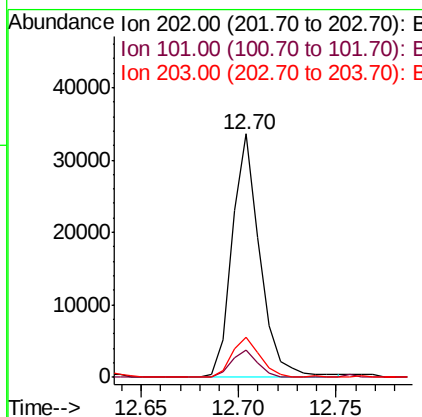
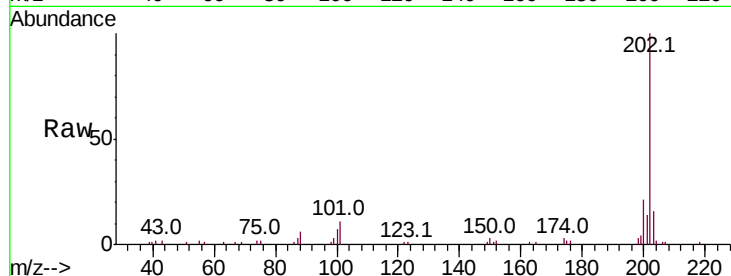
ClientSampleId :

20180945-COMPOSITE-4

Tot Ion:	202	Resp:	33156
Ion Ratio	Lower	Upper	
202	100		
101	11.0	0.0	31.4
203	16.4	0.0	37.7

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#76

Chrysene-d12

Concen: 20.000 ng

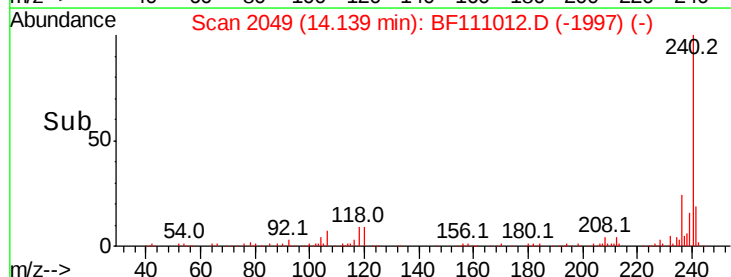
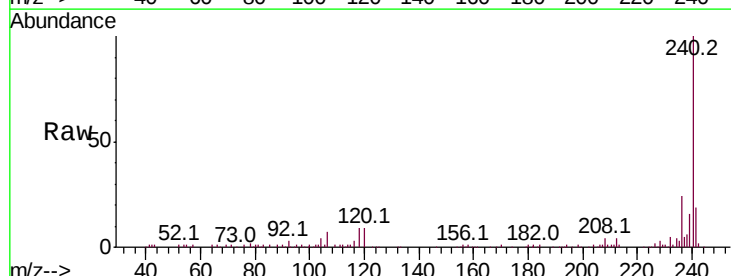
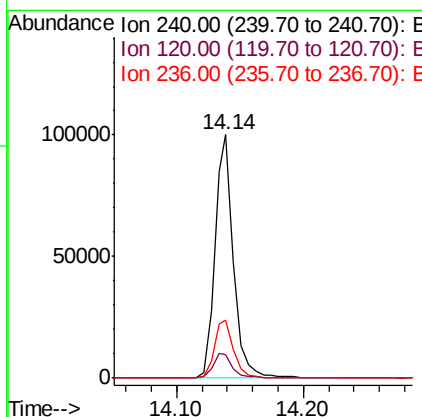
RT: 14.14 min Scan# 2049

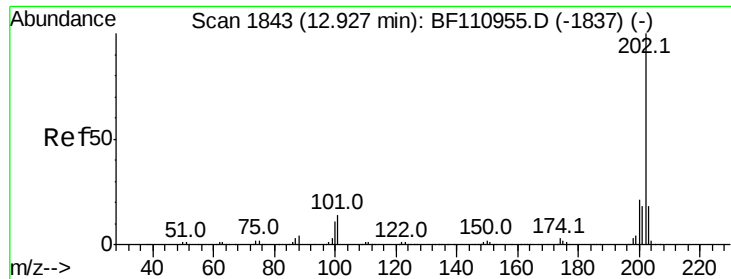
Delta R.T. 0.01 min

Lab File: BF111012.D

Acq: 27 Nov 2018 16:24

Tgt Ion:	240	Resp:	102483
Ion Ratio	Lower	Upper	
240	100		
120	9.5	8.3	12.5
236	23.7	21.2	31.8





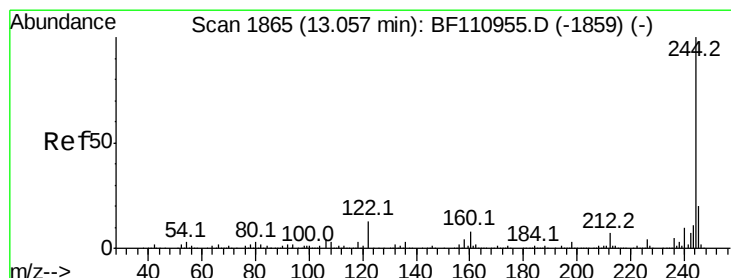
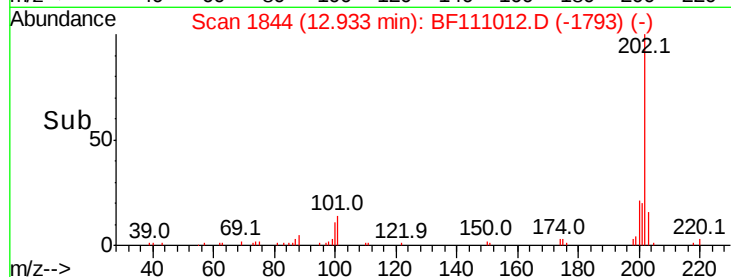
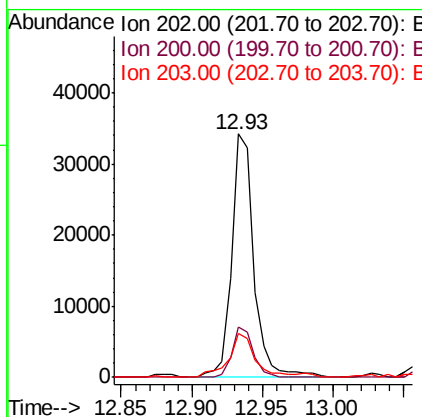
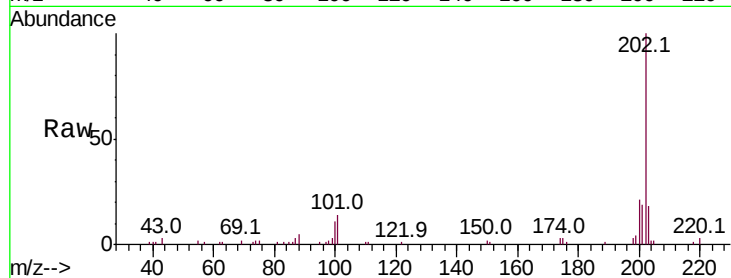
#78
Pvrene
Concen: 5.014 ng
RT: 12.93 min Scan# 1844
Delta R.T. -0.00 min
Lab File: BF111012.D
Acq: 27 Nov 2018 16:24

Instrument :
BNA_F
ClientSampleId :
20180945-COMPOSITE-4

Tot Ion	Ratio	Lower	Upper
202	100		
200	20.8	17.8	26.6
203	17.9	14.2	21.4

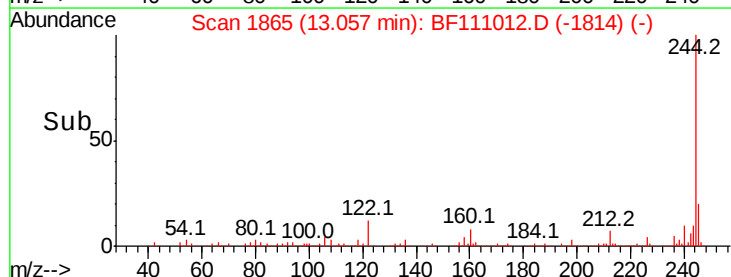
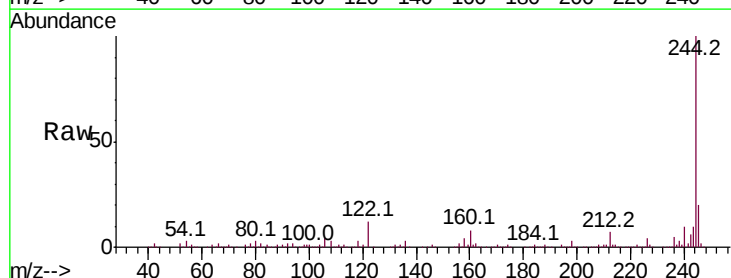
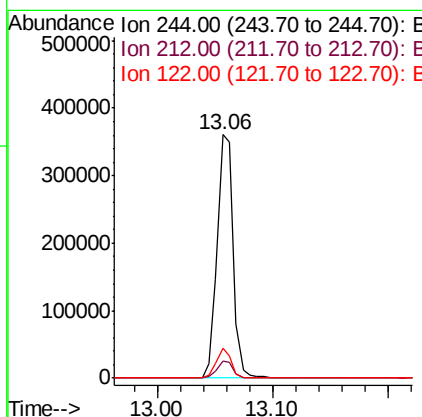
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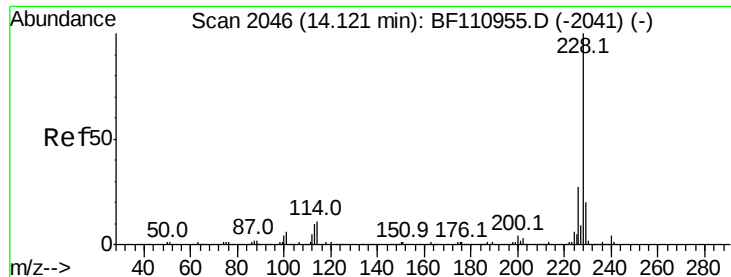
mohammad
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#79
Terphenyl-d14
Concen: 66.182 ng
RT: 13.06 min Scan# 1865
Delta R.T. -0.00 min
Lab File: BF111012.D
Acq: 27 Nov 2018 16:24

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.8	8.8
122	12.4	8.7	13.1





#81

Benzo(a)anthracene

Concen: 2.258 ng

RT: 14.13 min Scan# 2047

Delta R.T. 0.01 min

Lab File: BF111012.D

Acq: 27 Nov 2018 16:24

Instrument :

BNA_F

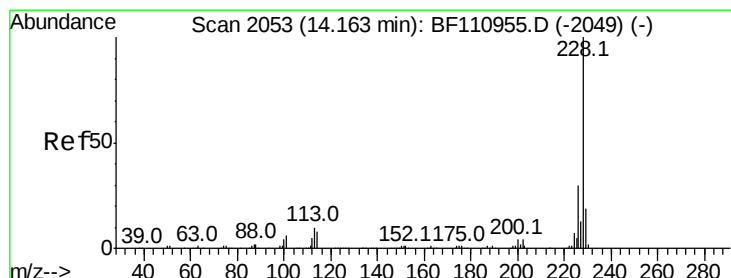
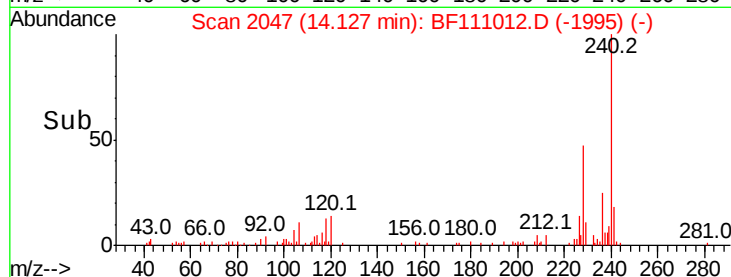
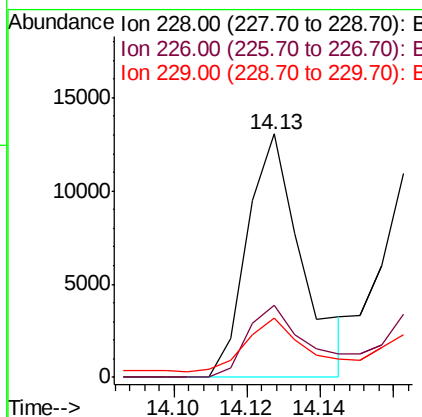
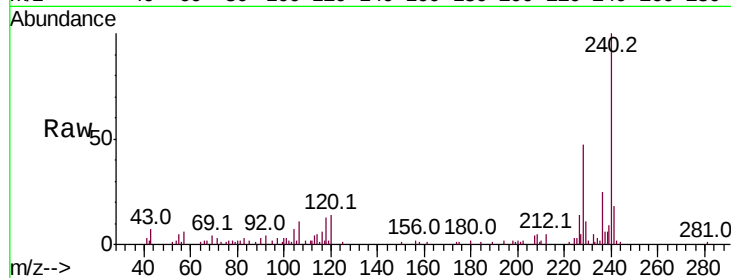
ClientSampleId :

20180945-COMPOSITE-4

Tot Ion:	228	Resp:	13662
Ion Ratio	Lower	Upper	
228	100		
226	29.7	22.1	33.1
229	24.2	15.6	23.4

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#83

Chrysene

Concen: 2.262 ng

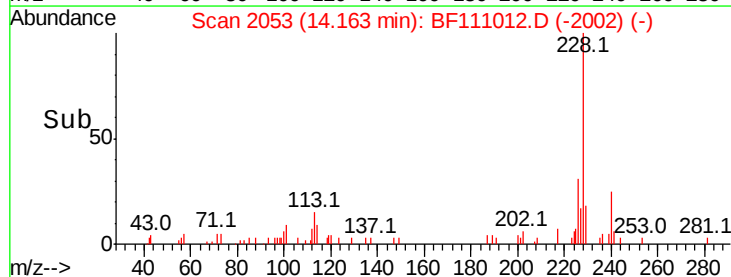
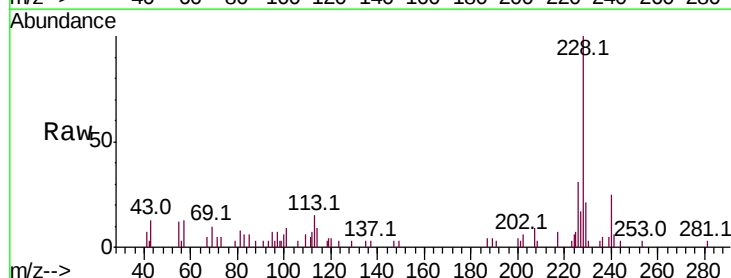
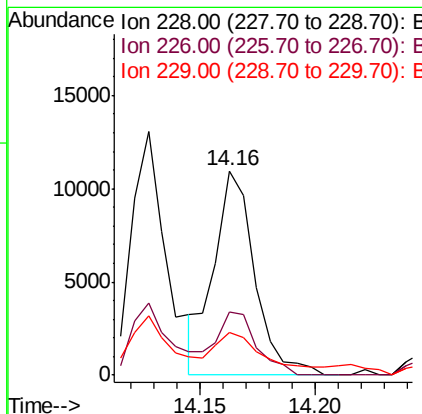
RT: 14.16 min Scan# 2053

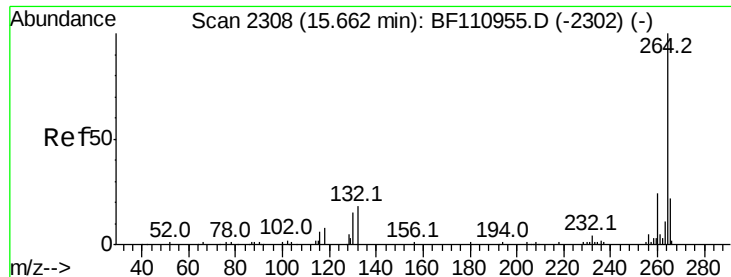
Delta R.T. -0.00 min

Lab File: BF111012.D

Acq: 27 Nov 2018 16:24

Tgt Ion:	228	Resp:	13475
Ion Ratio	Lower	Upper	
228	100		
226	31.0	24.7	37.1
229	21.0	15.9	23.9





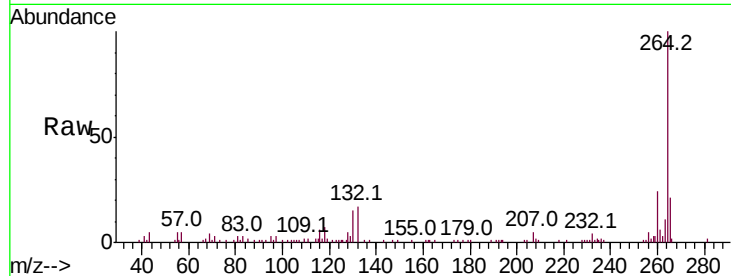
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.67 min Scan# 2310
Delta R.T. 0.01 min
Lab File: BF111012.D
Acq: 27 Nov 2018 16:24

Instrument :
BNA_F
ClientSampleId :
20180945-COMPOSITE-4

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.5	18.7	28.1
265	21.0	16.7	25.1

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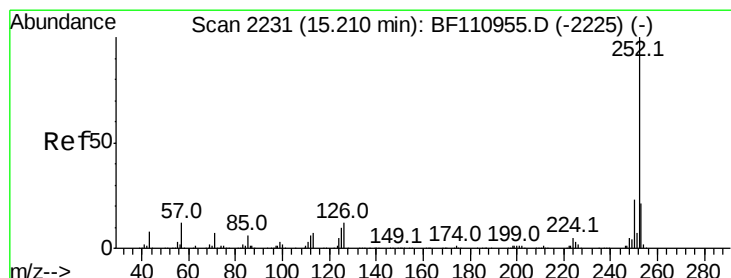
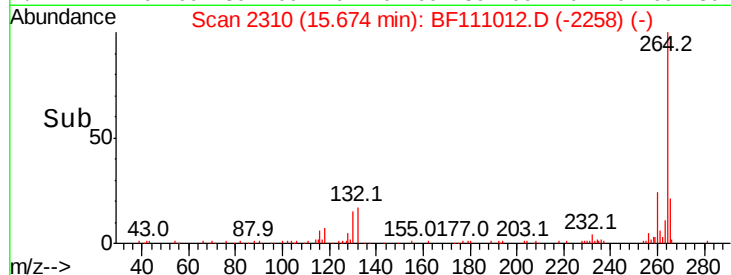
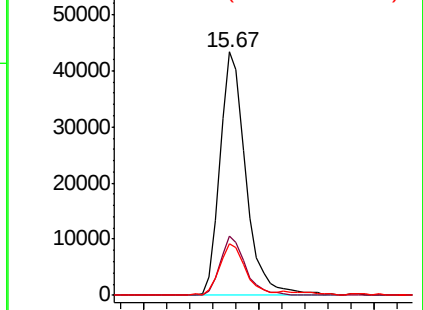


Abundance

Ion 264.00 (263.70 to 264.70): E

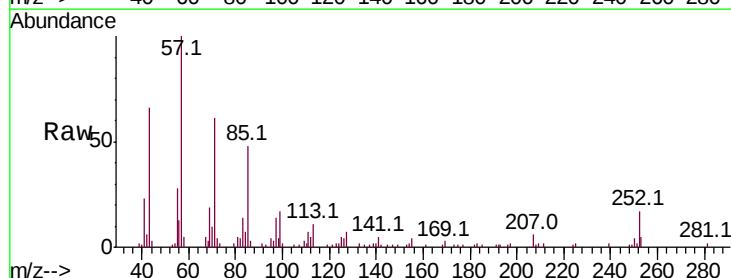
Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88
Benzo(b)fluoranthene
Concen: 2.109 ng m
RT: 15.22 min Scan# 2233
Delta R.T. 0.01 min
Lab File: BF111012.D
Acq: 27 Nov 2018 16:24

Tgt Ion	Ratio	Lower	Upper
252	100		
253	27.7	17.2	25.8#
125	29.5	8.2	12.4#

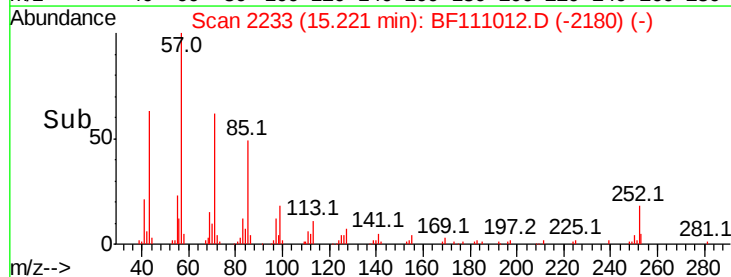
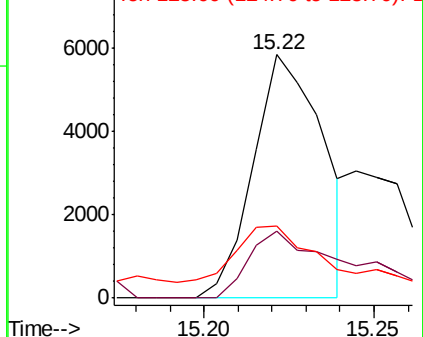


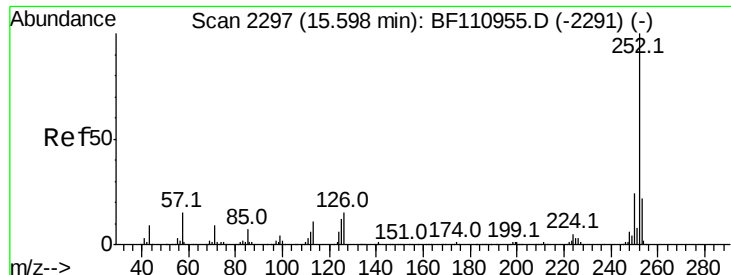
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#90

Benzo(a)pyrene

Concen: 2.045 ng

RT: 15.62 min Scan# 2300

Delta R.T. 0.01 min

Lab File: BF111012.D

Acq: 27 Nov 2018 16:24

Instrument :

BNA_F

ClientSampleId :

20180945-COMPOSITE-4

Tot Ion	Ratio	Lower	Upper
252	100		
253	27.2	18.2	27.4
125	34.2	9.0	13.6

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