

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121918\
 Data File : BF111606.D
 Acq On : 19 Dec 2018 22:39
 Operator : JU/SJ
 Sample : J6322-21
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SUP-6-C-2-120718

Manual Integrations
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Sohil
 12/20/2018 12:42:13 PM

Quant Time: Dec 20 04:10:10 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	194890	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	728603	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	366195	20.00	ng	0.00
64) Phenanthrene-d10	11.41	188	645082	20.00	ng	0.00
76) Chrysene-d12	14.04	240	518829	20.00	ng	-0.01
87) Perylene-d12	15.52	264	489596	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	1320306	115.48	ng	0.00
7) Phenol-d6	6.52	99	1695048	116.49	ng	0.00
23) Nitrobenzene-d5	7.45	82	1045985	83.56	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	469900	108.60	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	1791595	71.31	ng	0.00
79) Terphenyl-d14	12.99	244	1564097	57.17	ng	0.00
Target Compounds						
10) Phenol	6.53	94	100420	6.116	ng	94
50) Dimethylphthalate	9.64	163	142468	5.320	ng	97
71) Phenanthrene	11.43	178	123809	3.619	ng	93
75) Fluoranthene	12.62	202	163414	4.717	ng	95
78) Pyrene	12.85	202	132510	3.617	ng	95
81) Benzo(a)anthracene	14.03	228	70159	2.369	ng	99
83) Chrysene	14.07	228	64365	2.212	ng	96
88) Benzo(b)fluoranthene	15.08	252	75513m	2.639	ng	

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

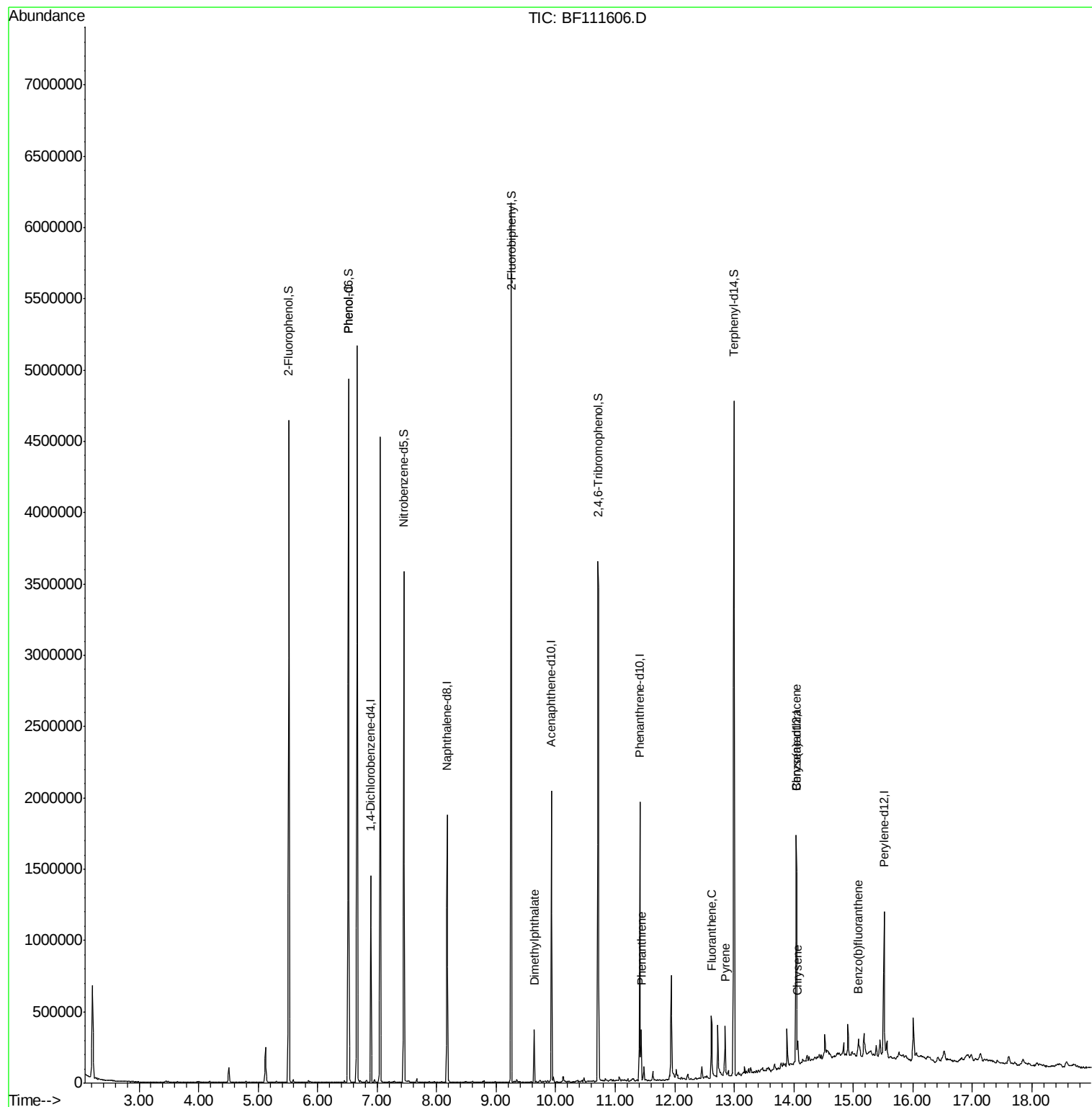
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121918\
Data File : BF111606.D
Acq On : 19 Dec 2018 22:39
Operator : JU/SJ
Sample : J6322-21
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SUP-6-C-2-120718

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#1

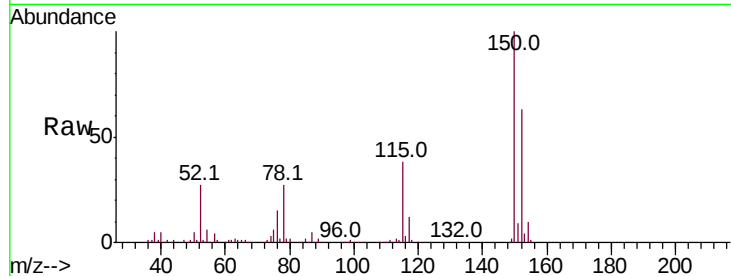
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 817
Delta R.T. -0.01 min
Lab File: BF111606.D
Acq: 19 Dec 2018 22:39

Instrument :
BNA_F
ClientSampleId :
SUP-6-C-2-120718

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.8	126.6	189.8
115	61.1	50.7	76.1

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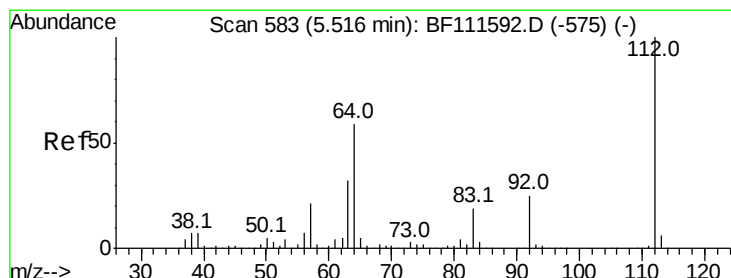
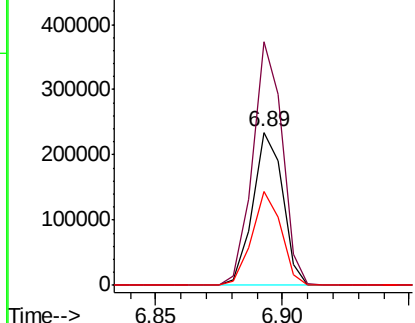
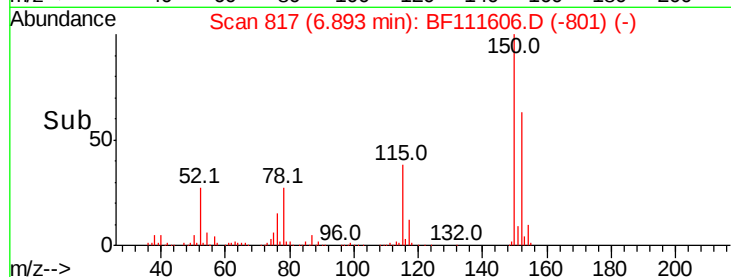


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

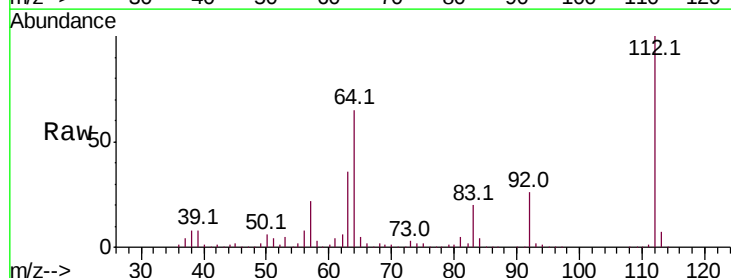
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 115.476 ng
RT: 5.52 min Scan# 583
Delta R.T. 0.00 min
Lab File: BF111606.D
Acq: 19 Dec 2018 22:39

Tgt Ion	Ratio	Lower	Upper
112	100		
64	65.3	51.8	77.6
63	35.7	26.8	40.2

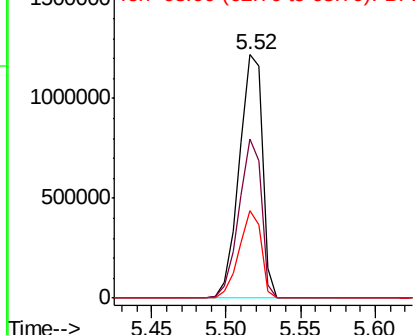
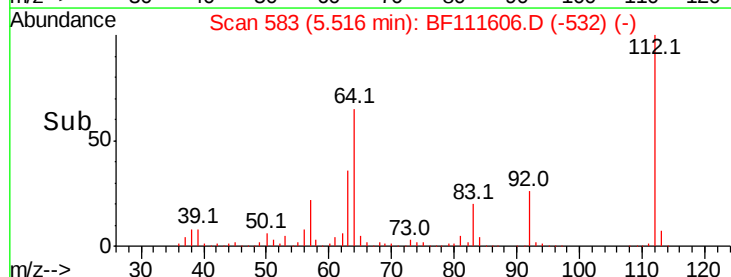


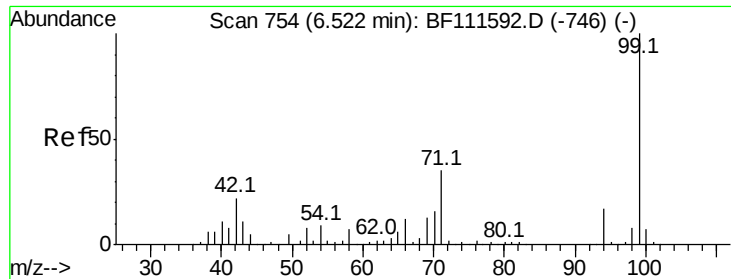
Abundance

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: 116.490 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.00 min

Lab File: BF111606.D

Acq: 19 Dec 2018 22:39

Instrument :

BNA_F

ClientSampleId :

SUP-6-C-2-120718

Tot Ion: 99 Resp: 1695048

Ion Ratio Lower Upper

99 100

42 22.2 17.4 26.0

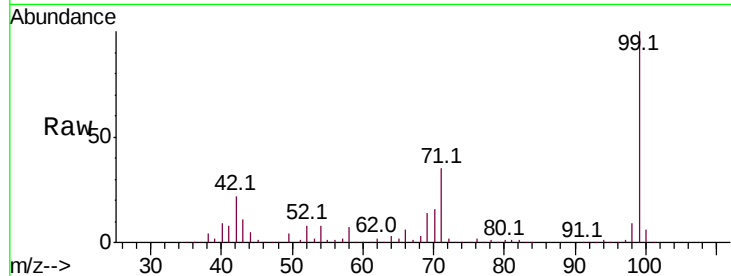
71 35.3 26.1 39.1

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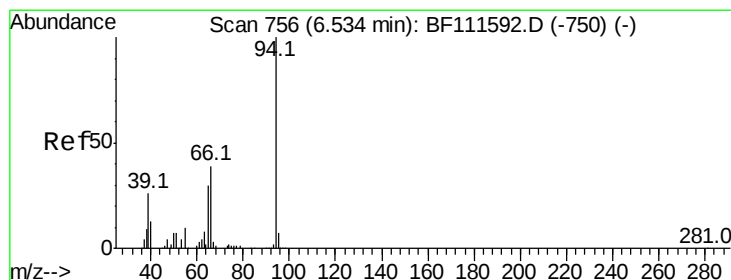
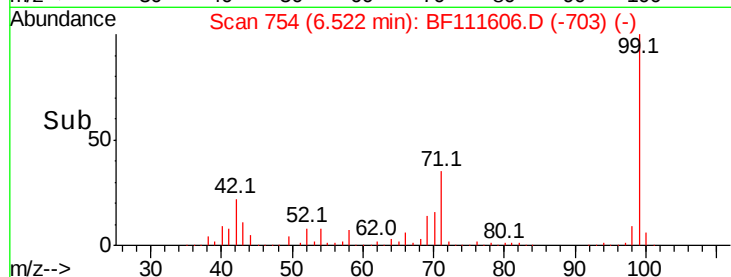
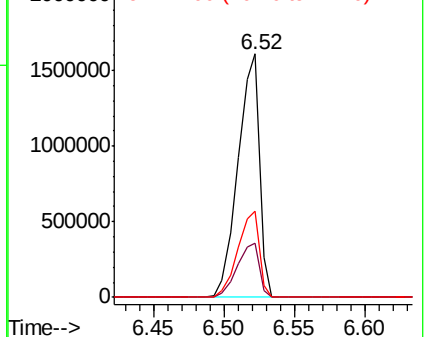
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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#10

Phenol

Concen: 6.116 ng

RT: 6.53 min Scan# 755

Delta R.T. -0.01 min

Lab File: BF111606.D

Acq: 19 Dec 2018 22:39

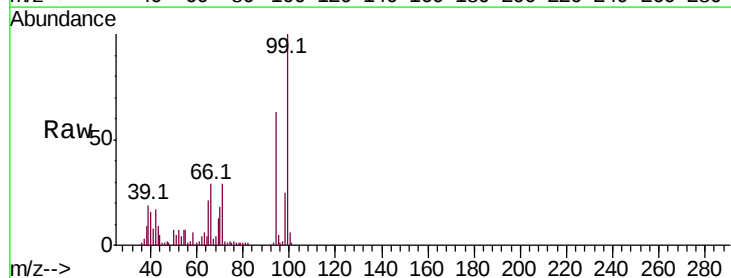
Tgt Ion: 94 Resp: 100420

Ion Ratio Lower Upper

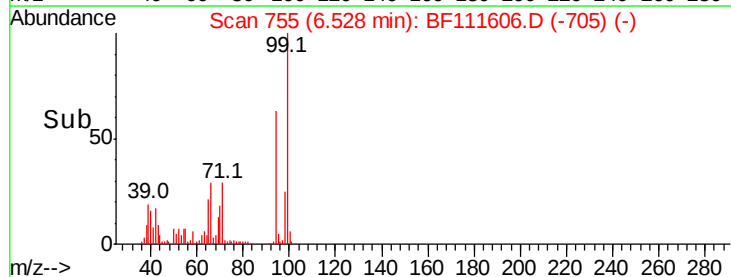
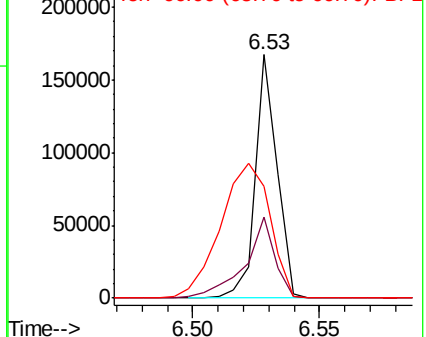
94 100

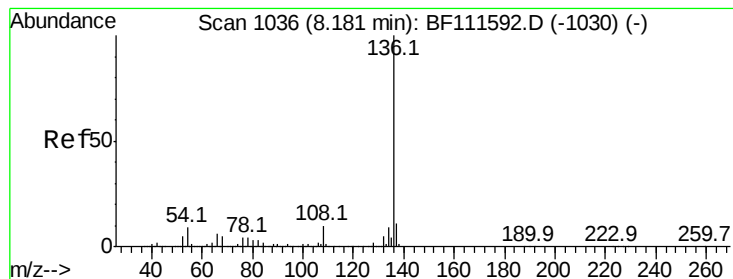
65 33.5 11.7 51.7

66 45.7 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: 8.17 min Scan# 1035

Delta R.T. -0.01 min

Lab File: BF111606.D

Acq: 19 Dec 2018 22:39

Instrument :

BNA_F

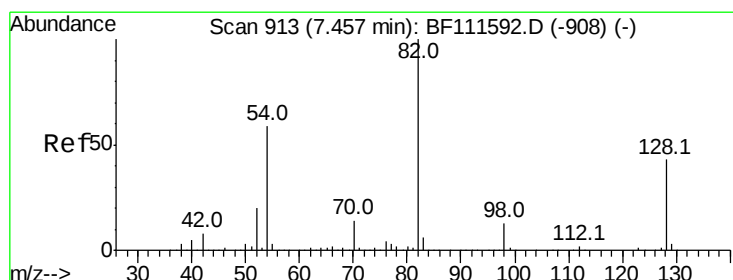
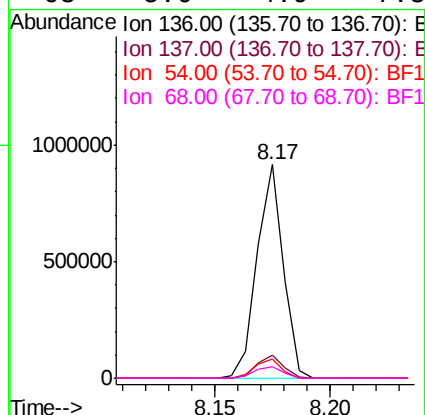
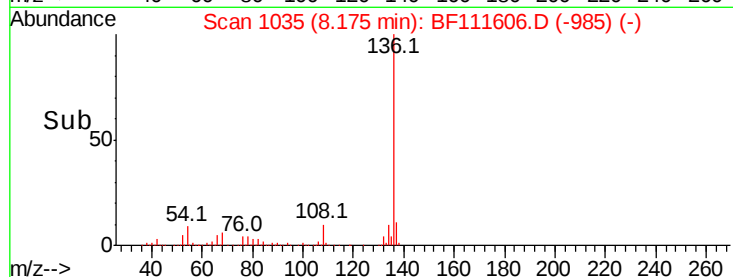
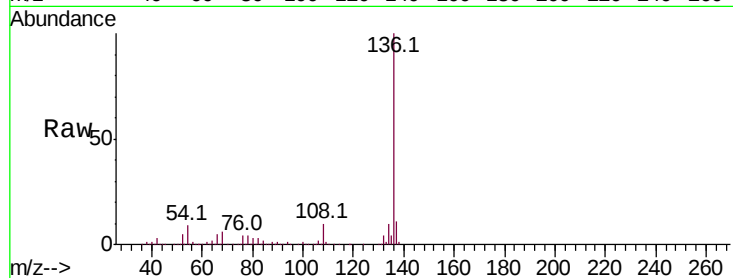
ClientSampleId :

SUP-6-C-2-120718

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.8	9.1	13.7	
54	9.1	7.7	11.5	
68	5.6	4.9	7.3	

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#23

Nitrobenzene-d5

Concen: 83.563 ng

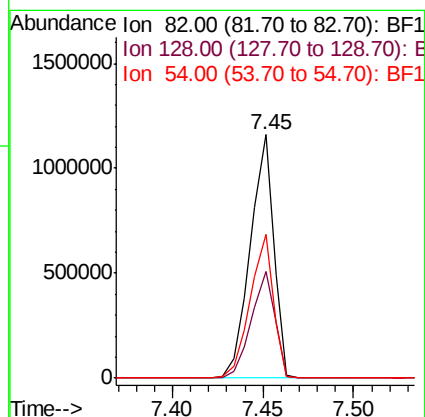
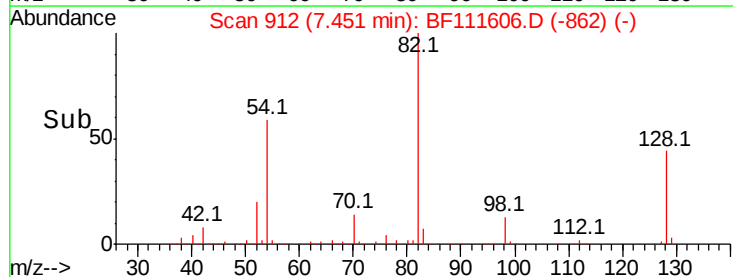
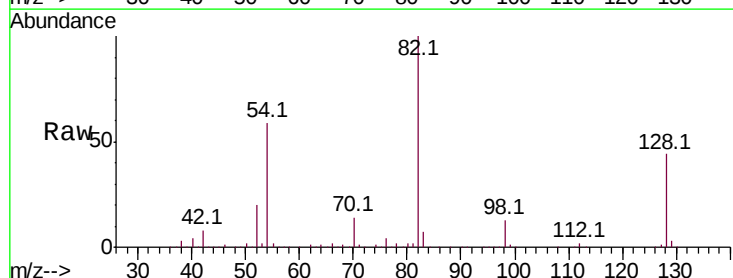
RT: 7.45 min Scan# 912

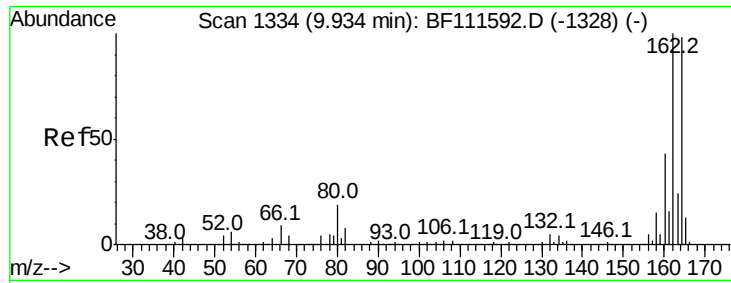
Delta R.T. -0.01 min

Lab File: BF111606.D

Acq: 19 Dec 2018 22:39

Tgt Ion	Ratio	Resp	Lower	Upper
82	100			
128	43.7	37.4	56.2	
54	59.2	47.6	71.4	





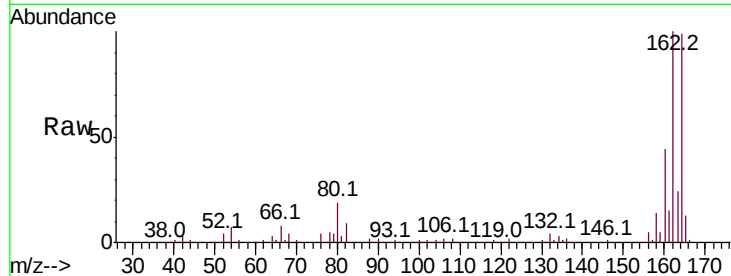
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.93 min Scan# 1333
Delta R.T. -0.01 min
Lab File: BF111606.D
Acq: 19 Dec 2018 22:39

Instrument :
BNA_F
ClientSampleId :
SUP-6-C-2-120718

Tot Ion	Ratio	Resp	Lower	Upper
164	100	366195		
162	100.9	81.4	122.0	
160	44.3	35.7	53.5	

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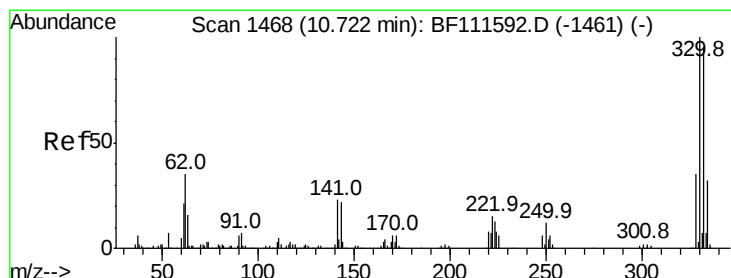
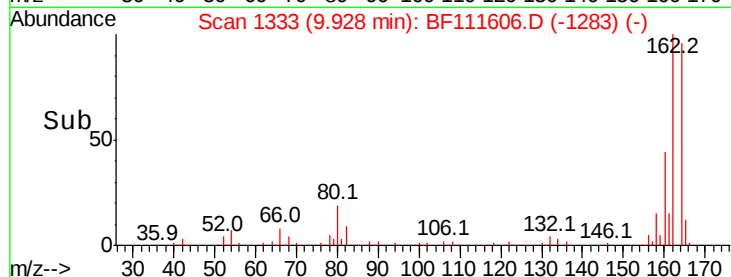
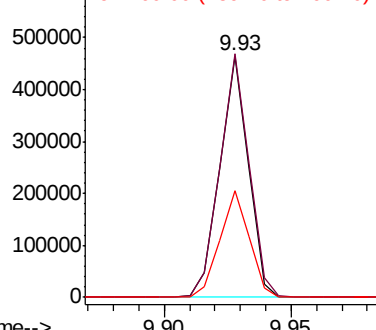


Abundance

Ion 164.00 (163.70 to 164.70): E

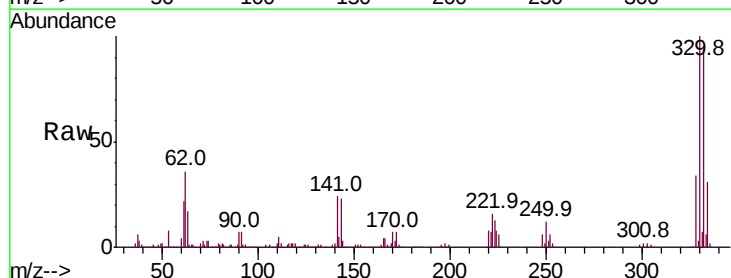
Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#42
2,4,6-Tribromophenol
Concen: 108.600 ng
RT: 10.72 min Scan# 1467
Delta R.T. -0.01 min
Lab File: BF111606.D
Acq: 19 Dec 2018 22:39

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	469900		
332	95.4	76.0	114.0	
141	29.6	31.0	46.6#	

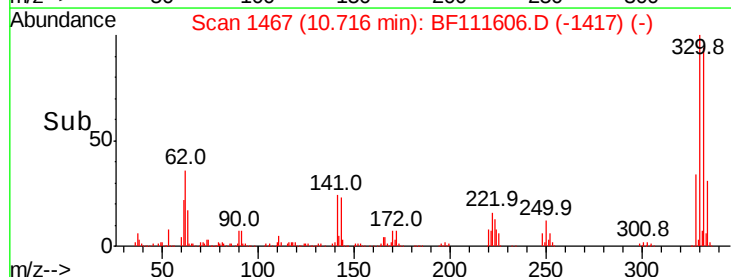
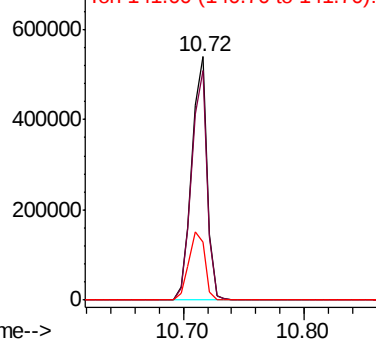


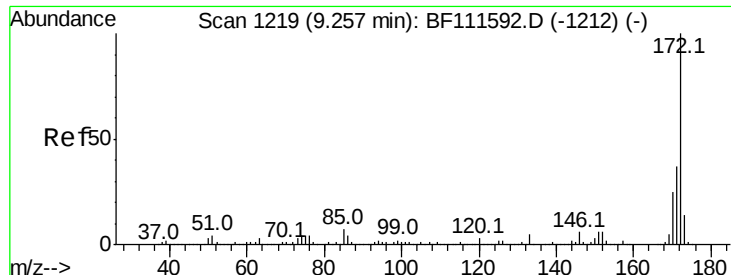
Abundance

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





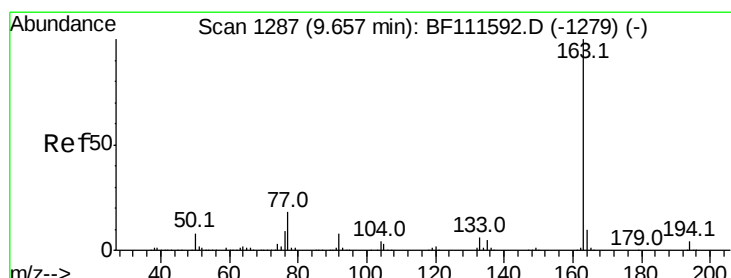
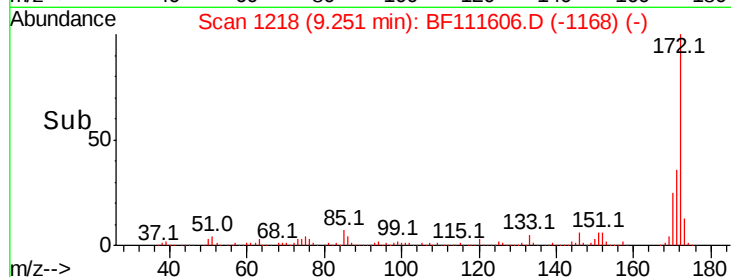
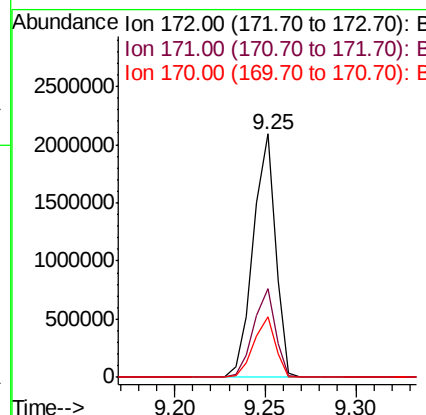
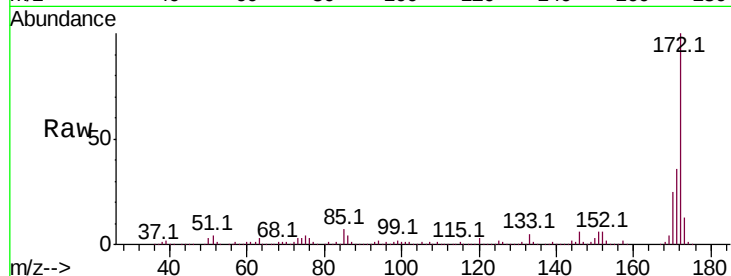
#45
2-Fluorobiphenyl
Concen: 71.311 ng
RT: 9.25 min Scan# 1218
Delta R.T. -0.01 min
Lab File: BF111606.D
Acq: 19 Dec 2018 22:39

Instrument :
BNA_F
ClientSampleId :
SUP-6-C-2-120718

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.4	33.0	49.4
170	24.6	22.3	33.5

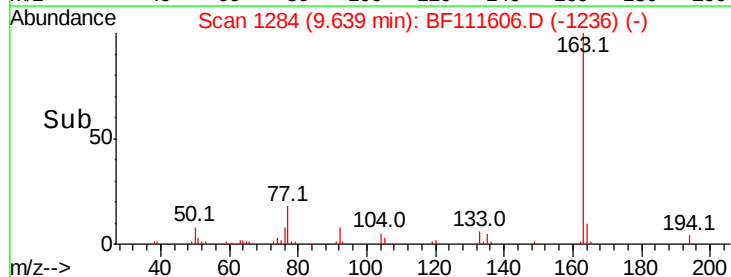
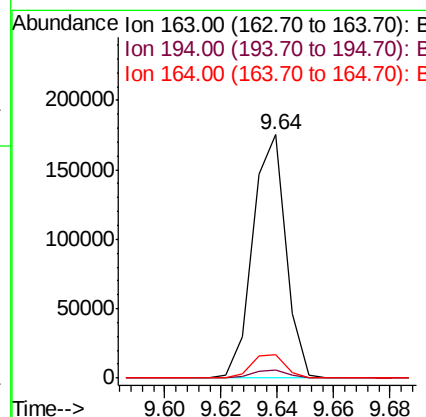
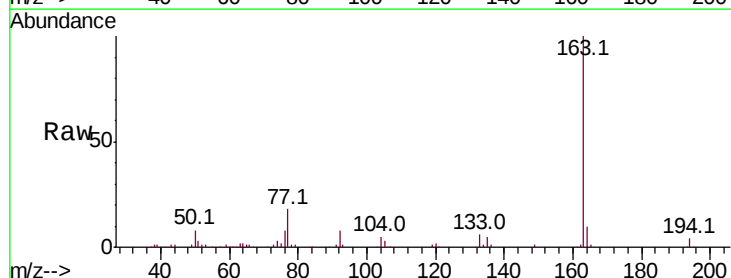
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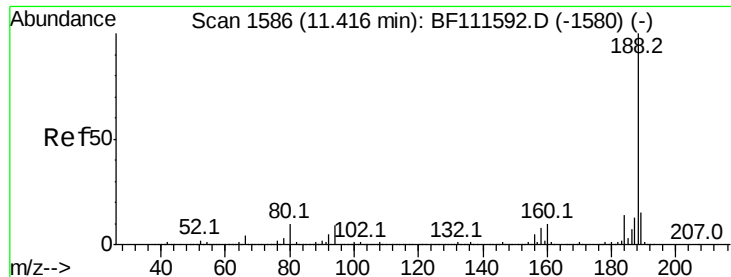
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#50
Dimethylphthalate
Concen: 5.320 ng
RT: 9.64 min Scan# 1284
Delta R.T. -0.02 min
Lab File: BF111606.D
Acq: 19 Dec 2018 22:39

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.6	3.0	4.6
164	9.8	8.9	13.3





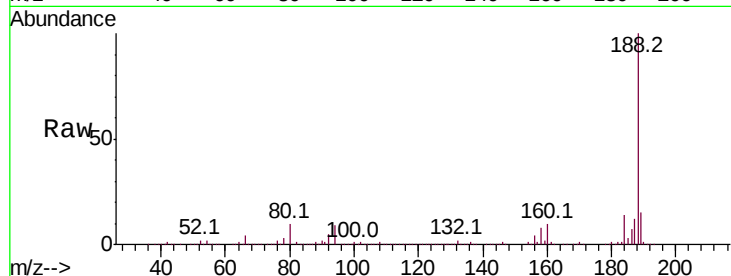
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.41 min Scan# 1585
Delta R.T. -0.01 min
Lab File: BF111606.D
Acq: 19 Dec 2018 22:39

Instrument :
BNA_F
ClientSampleId :
SUP-6-C-2-120718

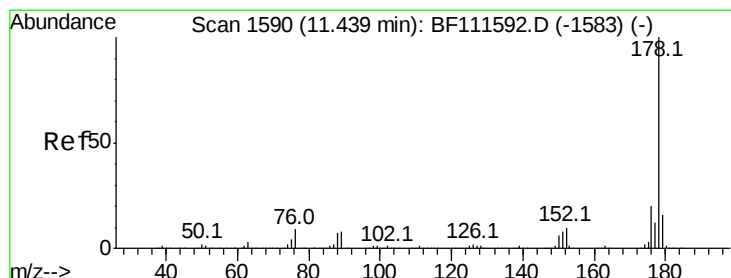
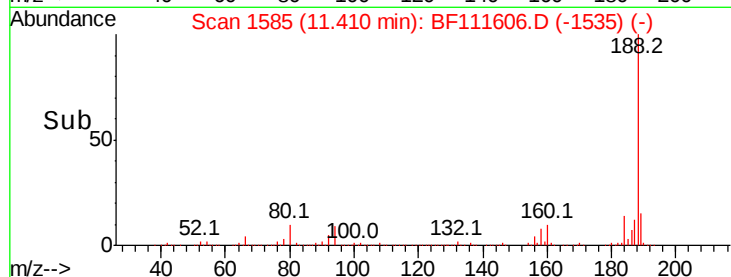
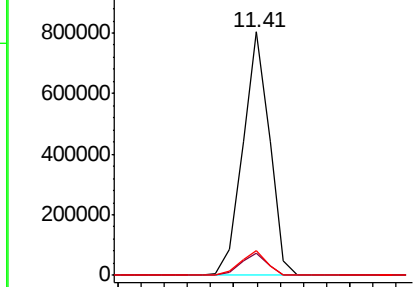
Tot Ion	Ratio	Resp	Lower	Upper
188	100	645082		
94	8.9		9.6	14.4#
80	10.0		9.8	14.6

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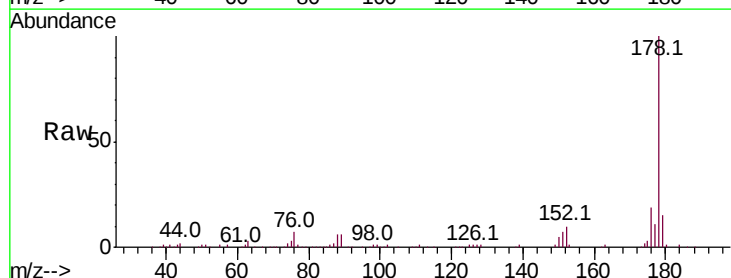


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

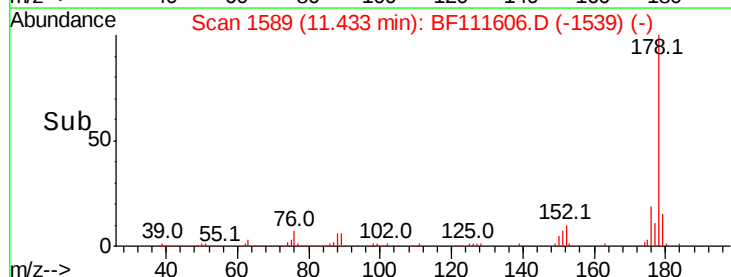
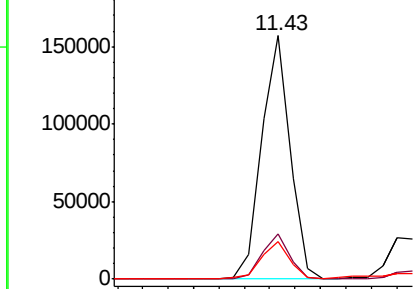


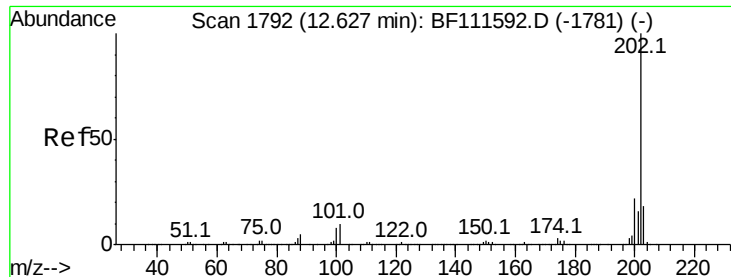
#71
Phenanthrene
Concen: 3.619 ng
RT: 11.43 min Scan# 1589
Delta R.T. -0.01 min
Lab File: BF111606.D
Acq: 19 Dec 2018 22:39

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	123809		
176	18.8		18.1	27.1
179	15.3		14.0	21.0



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





#75

Fluoranthene

Concen: 4.717 ng

RT: 12.62 min Scan# 1790

Delta R.T. -0.01 min

Lab File: BF111606.D

Acq: 19 Dec 2018 22:39

Instrument :

BNA_F

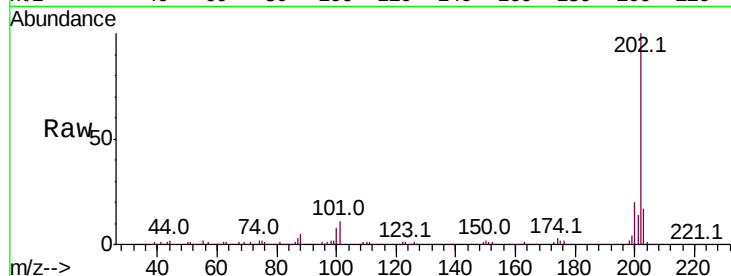
ClientSampleId :

SUP-6-C-2-120718

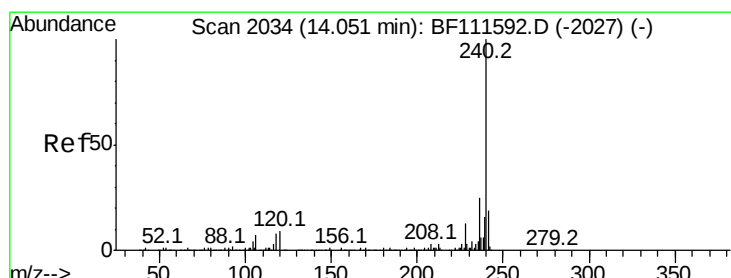
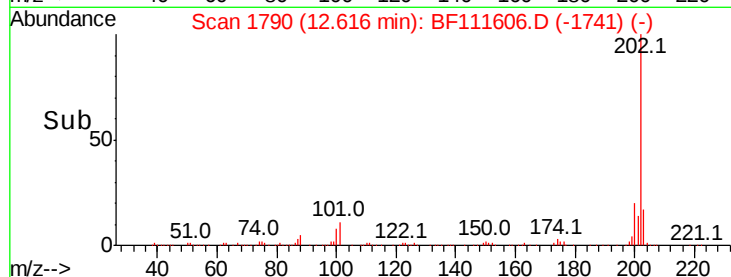
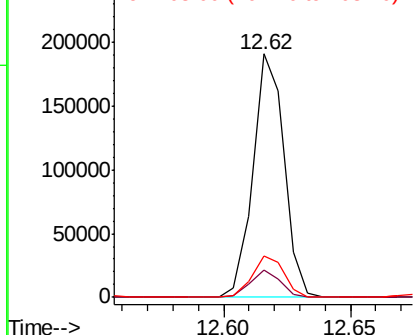
Tot Ion	Ratio	Resp	Lower	Upper
202	100	163414		
101	11.1	0.0	33.8	
203	17.1	0.0	38.6	

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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

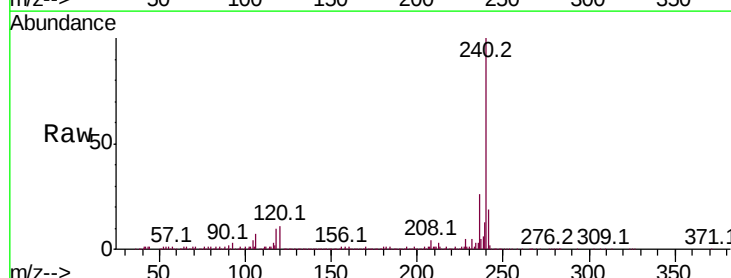
RT: 14.04 min Scan# 2032

Delta R.T. -0.01 min

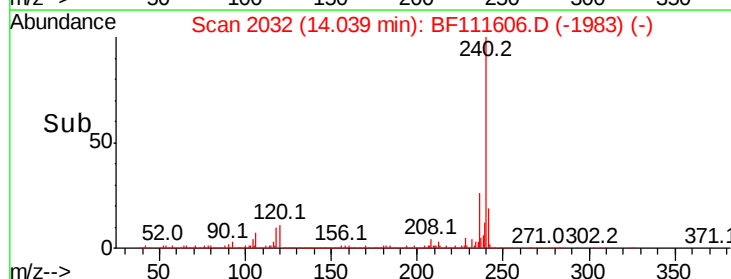
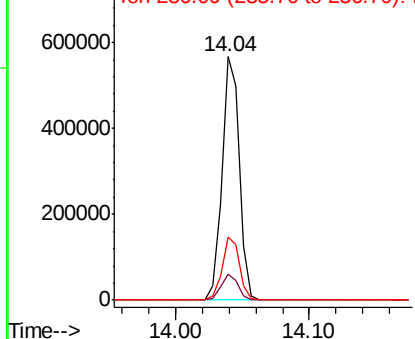
Lab File: BF111606.D

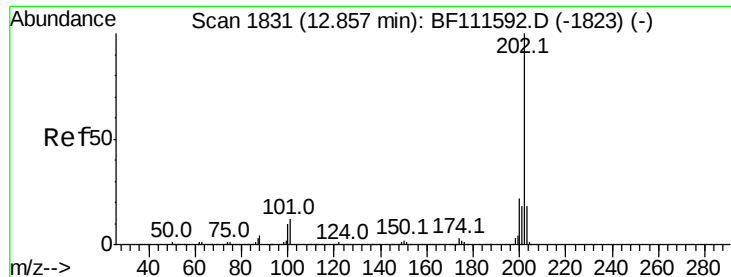
Acq: 19 Dec 2018 22:39

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	518829		
120	10.9	12.2	18.2#	
236	25.8	20.2	30.2	



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





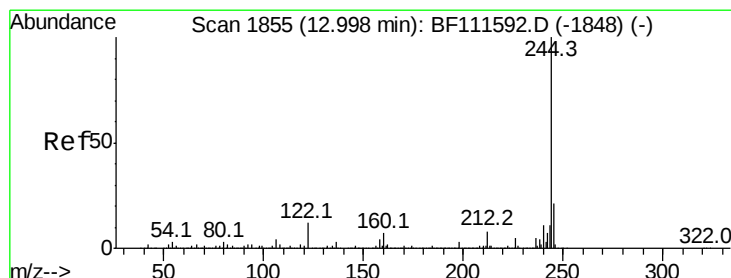
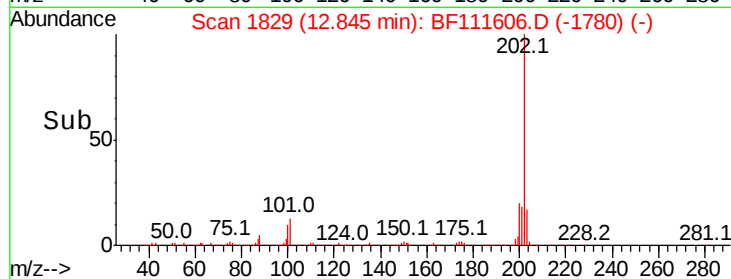
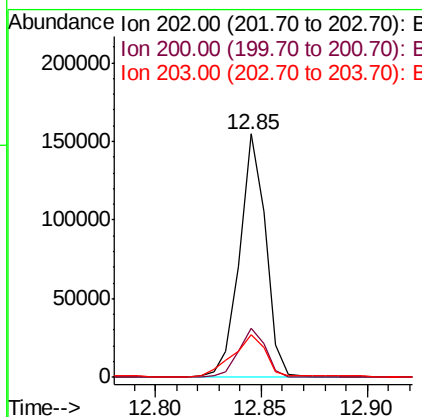
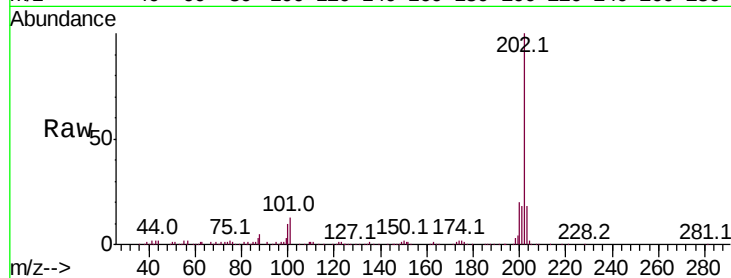
#78
Pvrene
Concen: 3.617 ng
RT: 12.85 min Scan# 1829
Delta R.T. -0.01 min
Lab File: BF111606.D
Acq: 19 Dec 2018 22:39

Instrument :
BNA_F
ClientSampleId :
SUP-6-C-2-120718

Tot Ion	Ratio	Lower	Upper
202	100		
200	19.9	19.0	28.4
203	17.8	15.2	22.8

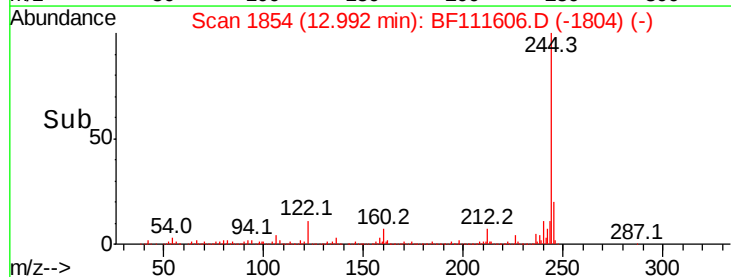
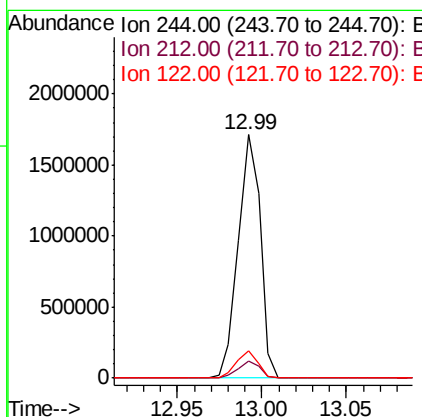
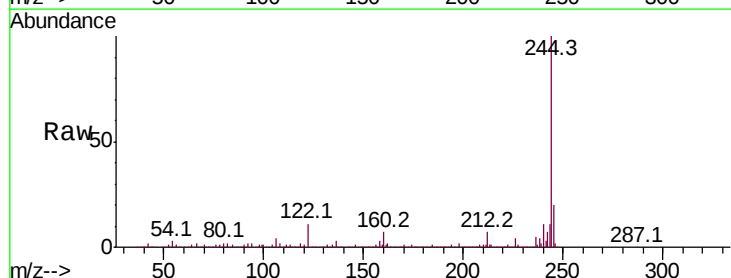
Manual Integrations
APPROVED

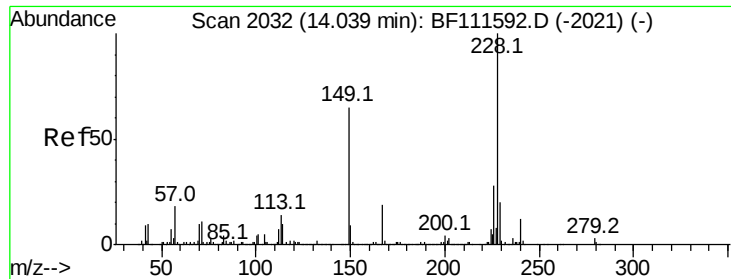
Sohil
12/20/2018 12:42:13 PM



#79
Terphenyl-d14
Concen: 57.171 ng
RT: 12.99 min Scan# 1854
Delta R.T. -0.01 min
Lab File: BF111606.D
Acq: 19 Dec 2018 22:39

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.7	8.5
122	11.5	13.1	19.7#





#81

Benzo(a)anthracene

Concen: 2.369 ng

RT: 14.03 min Scan# 2031

Delta R.T. -0.01 min

Lab File: BF111606.D

Acq: 19 Dec 2018 22:39

Instrument :

BNA_F

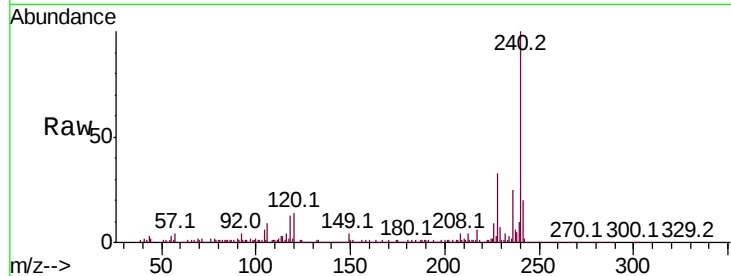
ClientSampleId :

SUP-6-C-2-120718

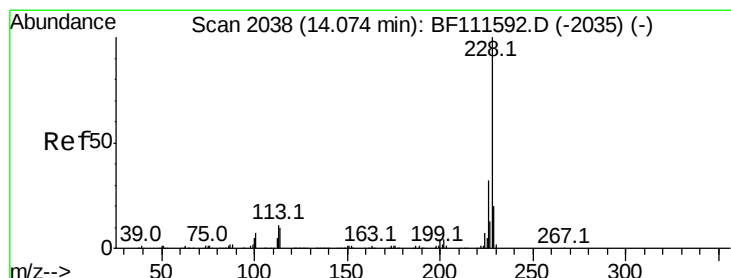
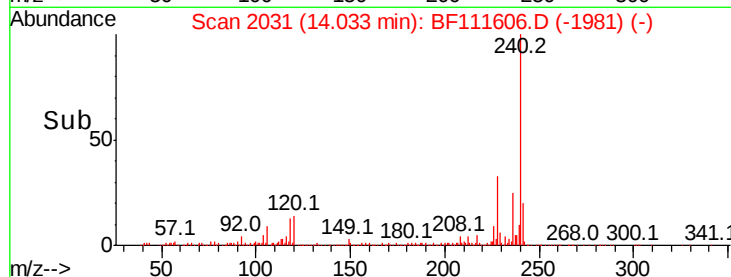
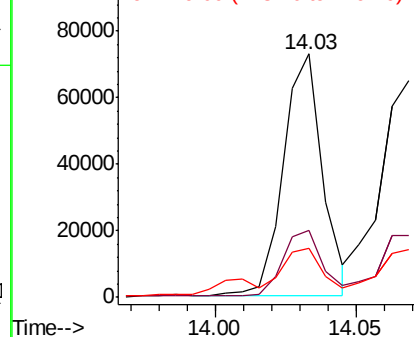
Tot Ion:	228	Resp:	70159
Ion Ratio	Lower	Upper	
228	100		
226	27.4	22.6	34.0
229	20.1	16.3	24.5

Manual Integrations
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12/20/2018 12:42:13 PM



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



#83

Chrysene

Concen: 2.212 ng

RT: 14.07 min Scan# 2037

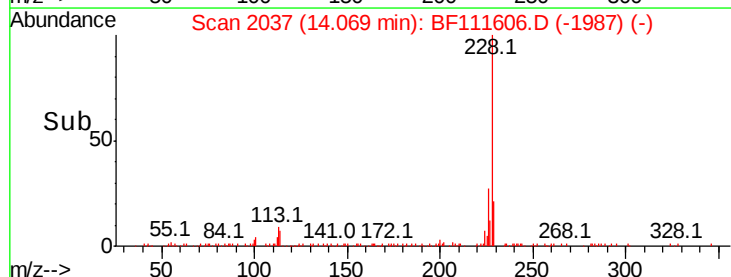
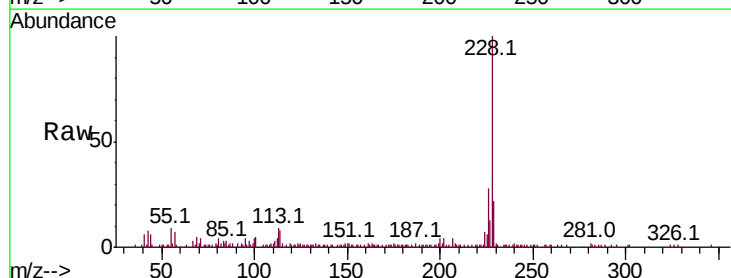
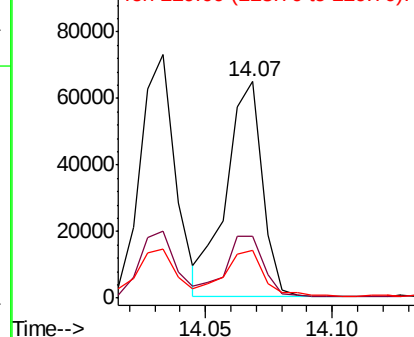
Delta R.T. -0.01 min

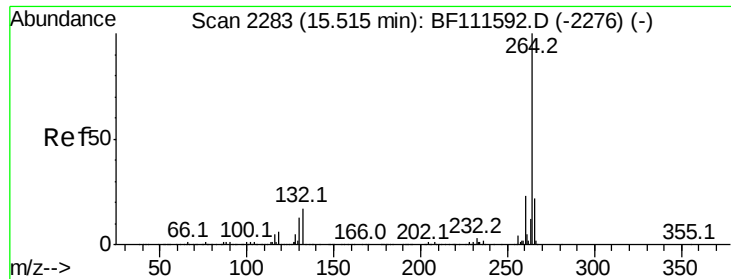
Lab File: BF111606.D

Acq: 19 Dec 2018 22:39

Tgt Ion:	228	Resp:	64365
Ion Ratio	Lower	Upper	
228	100		
226	28.3	25.3	37.9
229	22.2	17.2	25.8

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





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.52 min Scan# 2283

Delta R.T. 0.00 min

Lab File: BF111606.D

Acq: 19 Dec 2018 22:39

Instrument :

BNA_F

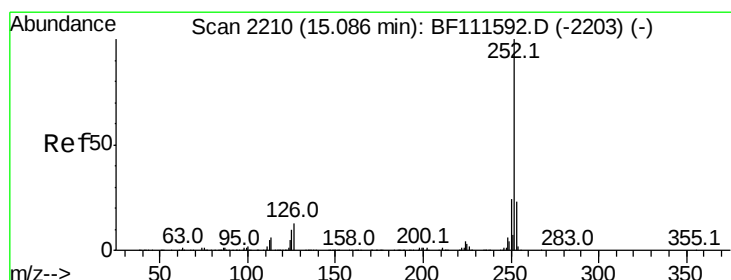
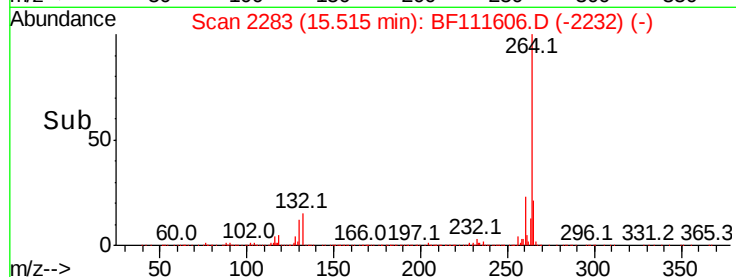
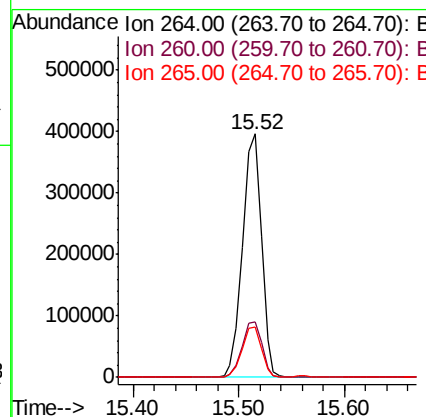
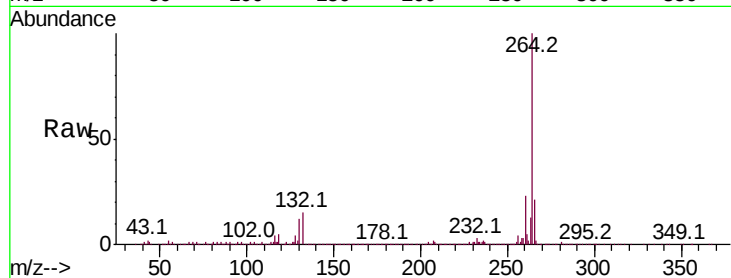
ClientSampleId :

SUP-6-C-2-120718

Tot Ion:	264	Resp:	489596
Ion Ratio		Lower	Upper
264	100		
260	22.6	18.3	27.5
265	20.9	17.7	26.5

Manual Integrations
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Sohil
12/20/2018 12:42:13 PM



#88

Benzo(b)fluoranthene

Concen: 2.639 ng m

RT: 15.08 min Scan# 2209

Delta R.T. -0.01 min

Lab File: BF111606.D

Acq: 19 Dec 2018 22:39

Tgt Ion:	252	Resp:	75513
Ion Ratio		Lower	Upper
252	100		
253	24.4	18.2	27.2
125	12.2	10.4	15.6

