

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121518\
 Data File : BF111465.D
 Acq On : 15 Dec 2018 13:40
 Operator : JU/SJ
 Sample : J6322-15
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SUP-2A-C-1-120718

Manual Integrations
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Sohil
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Quant Time: Dec 16 01:09:03 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	147613	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	591598	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	265170	20.00	ng	0.00
64) Phenanthrene-d10	11.31	188	409806	20.00	ng	0.00
76) Chrysene-d12	13.95	240	282460	20.00	ng	0.00
87) Perylene-d12	15.39	264	283146	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	1112480	125.41	ng	0.00
7) Phenol-d6	6.44	99	1427103	120.95	ng	0.00
23) Nitrobenzene-d5	7.36	82	893408	89.93	ng	0.00
42) 2,4,6-Tribromophenol	10.62	330	214088	90.13	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	1558430	90.78	ng	0.00
79) Terphenyl-d14	12.90	244	1026911	85.37	ng	0.00
Target Compounds						
10) Phenol	6.45	94	77234	5.876	ng	92
50) Dimethylphthalate	9.55	163	158797	8.315	ng	97
71) Phenanthrene	11.33	178	51305	2.430	ng	# 90
75) Fluoranthene	12.52	202	66435	3.216	ng	96
78) Pyrene	12.75	202	53905	2.707	ng	94
88) Benzo(b)fluoranthene	14.97	252	34009m	2.060	ng	

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

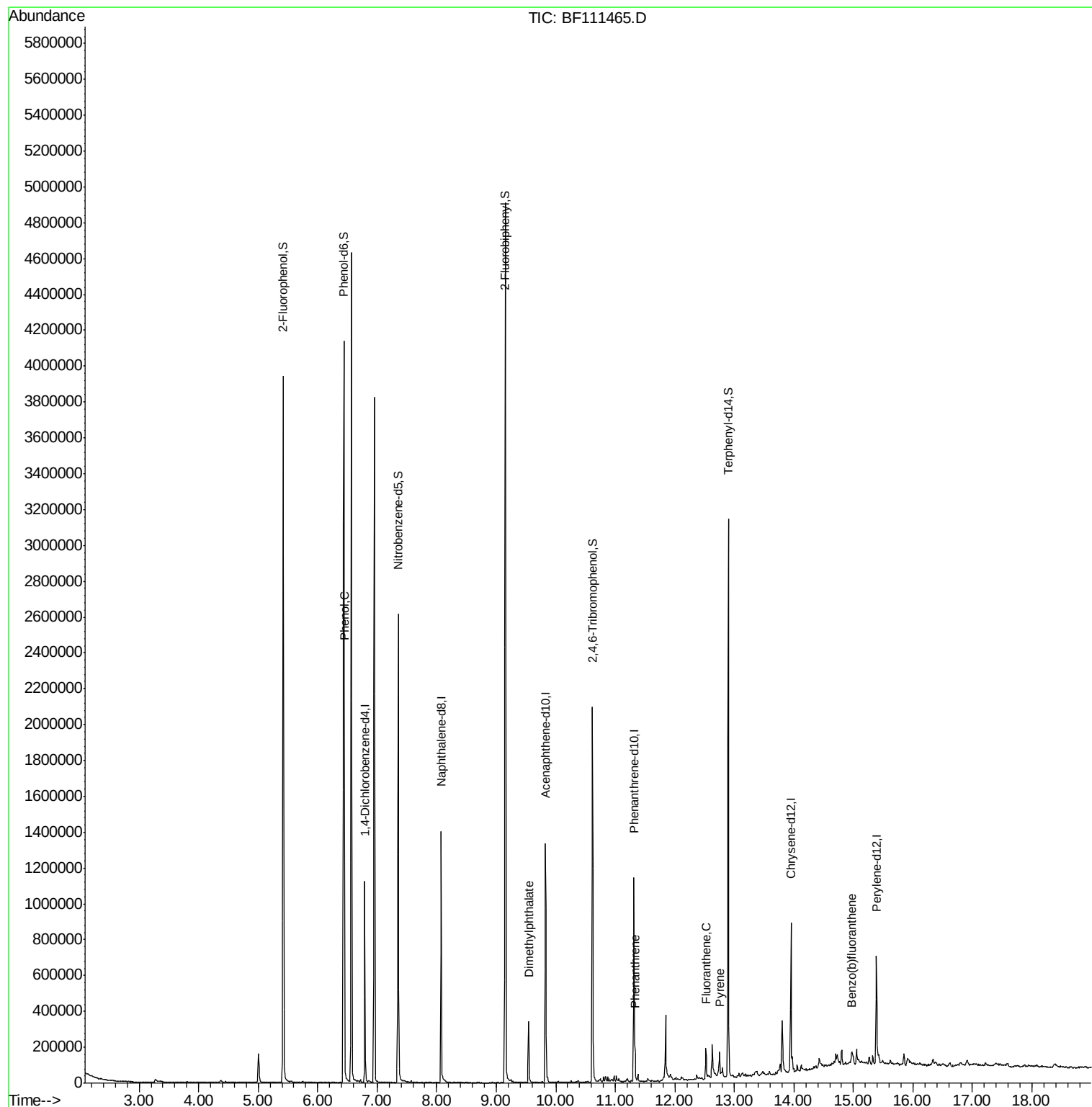
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121518\
Data File : BF111465.D
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Sample : J6322-15
Misc :
ALS Vial : 9 Sample Multiplier: 1

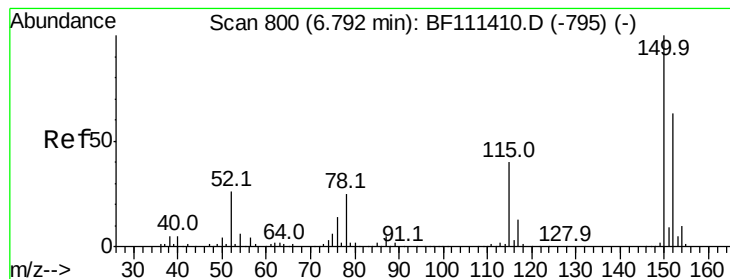
Instrument :
BNA_F
ClientSampleId :
SUP-2A-C-1-120718

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Quant Time: Dec 16 01:09:03 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





#1

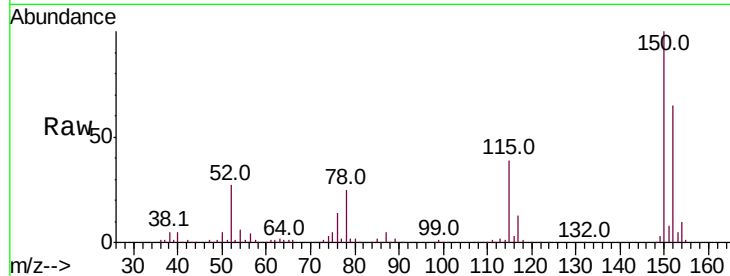
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. 0.00 min
Lab File: BF111465.D
Acq: 15 Dec 2018 13:40

Instrument :
BNA_F
ClientSampleId :
SUP-2A-C-1-120718

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.0	126.6	189.8
115	60.4	50.7	76.1

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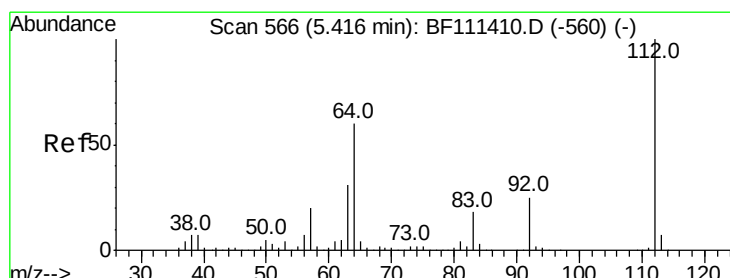
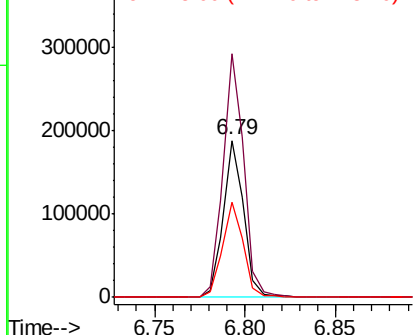
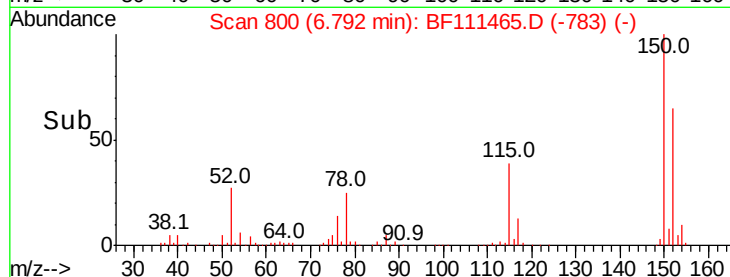


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

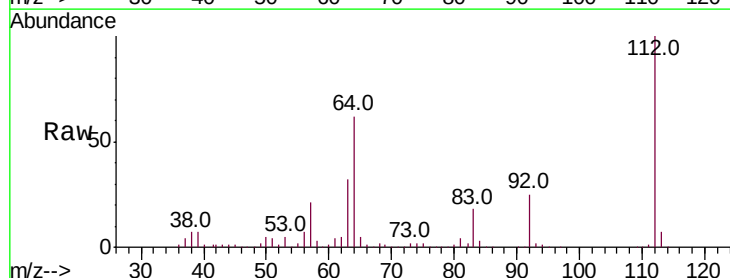
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 125.411 ng
RT: 5.42 min Scan# 567
Delta R.T. 0.01 min
Lab File: BF111465.D
Acq: 15 Dec 2018 13:40

Tgt Ion	Ratio	Lower	Upper
112	100		
64	61.7	51.8	77.6
63	32.3	26.8	40.2

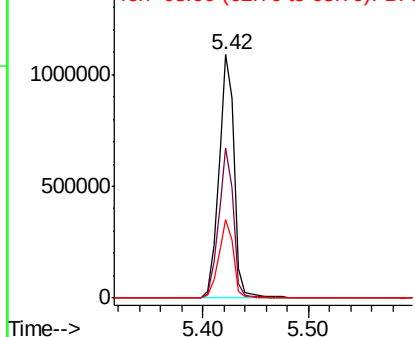
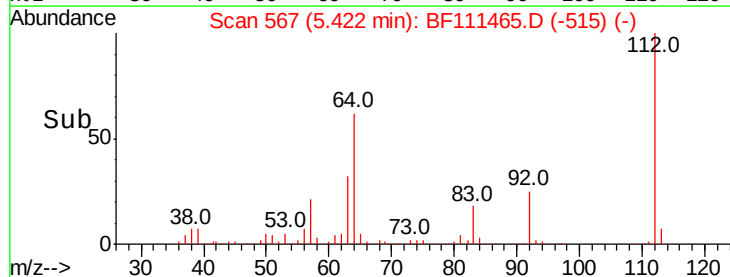


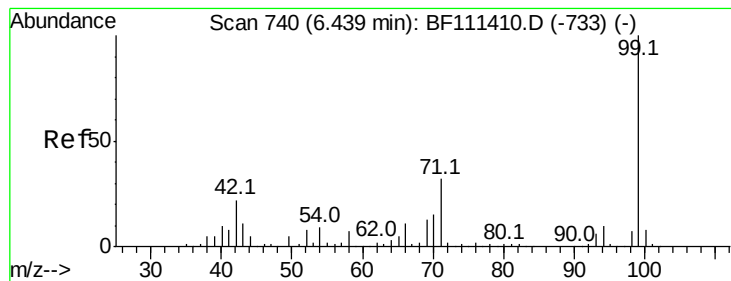
Abundance

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: 120.946 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.00 min

Lab File: BF111465.D

Acq: 15 Dec 2018 13:40

Instrument :

BNA_F

ClientSampleId :

SUP-2A-C-1-120718

Tot Ion: 99 Resp: 1427103

Ion Ratio Lower Upper

99 100

42 22.6 17.4 26.0

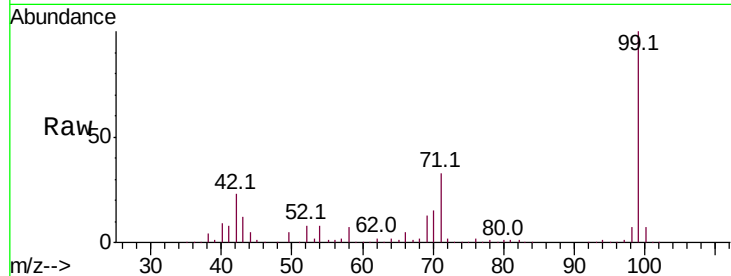
71 33.5 26.1 39.1

Manual Integrations

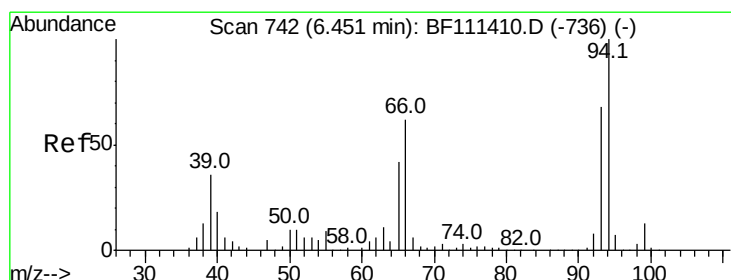
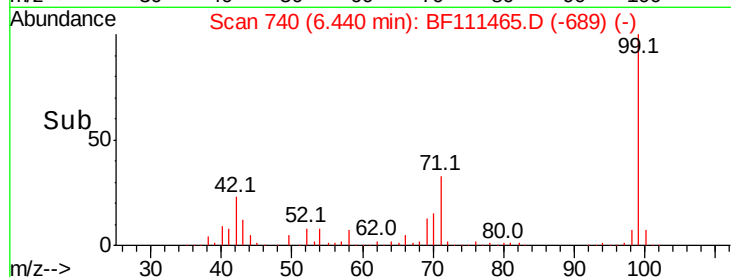
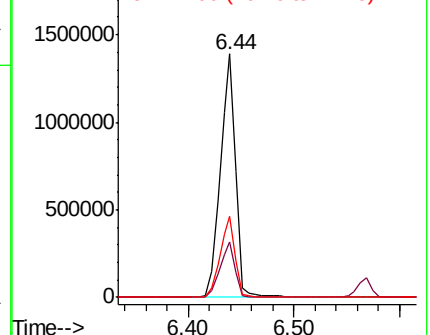
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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#10

Phenol

Concen: 5.876 ng

RT: 6.45 min Scan# 742

Delta R.T. 0.00 min

Lab File: BF111465.D

Acq: 15 Dec 2018 13:40

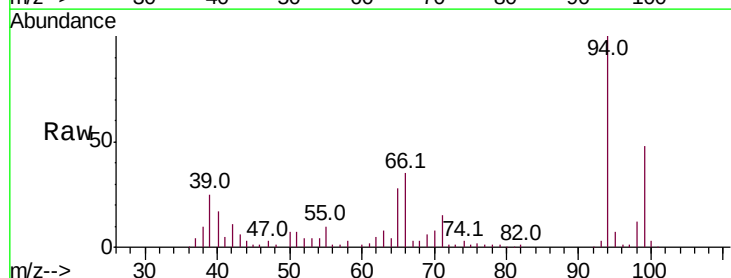
Tgt Ion: 94 Resp: 77234

Ion Ratio Lower Upper

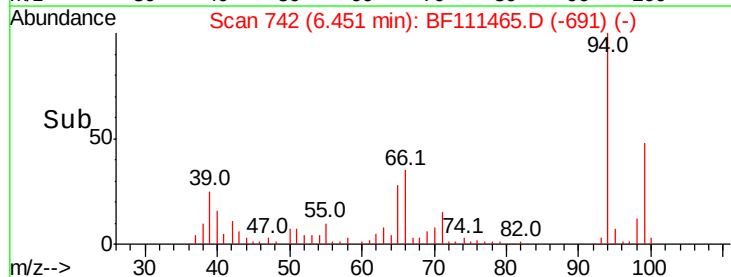
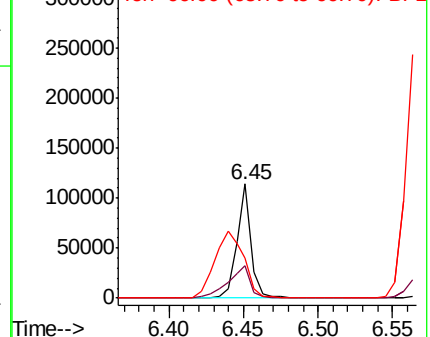
94 100

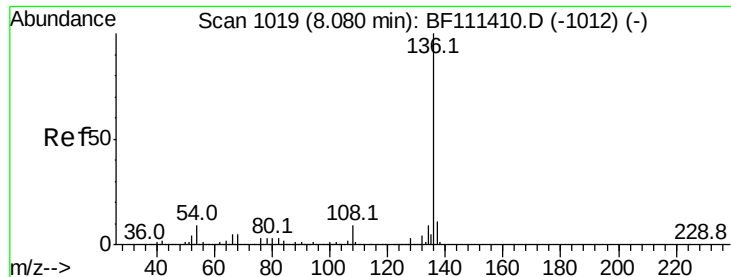
65 27.8 11.7 51.7

66 35.1 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





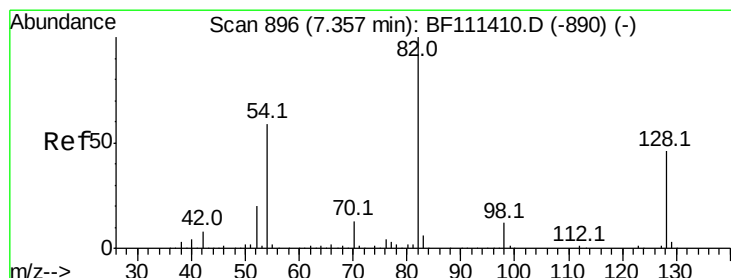
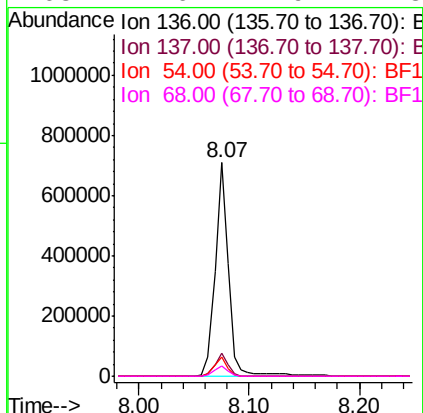
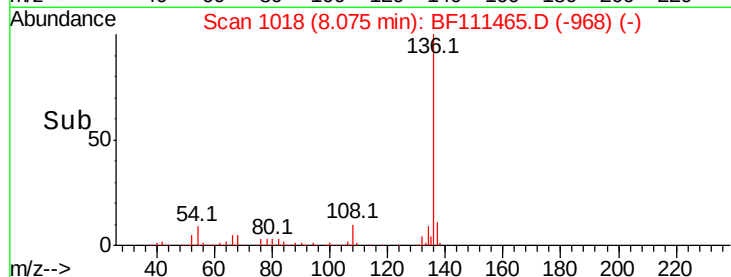
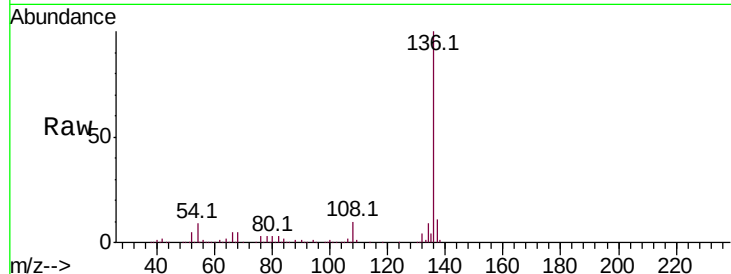
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BF111465.D
Acq: 15 Dec 2018 13:40

Instrument :
BNA_F
ClientSampleId :
SUP-2A-C-1-120718

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.0	9.1	13.7	
54	8.9	7.7	11.5	
68	4.6	4.9	7.3#	

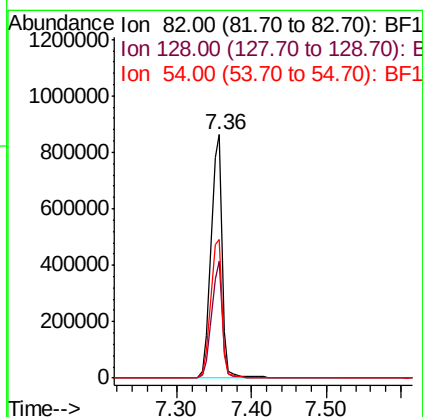
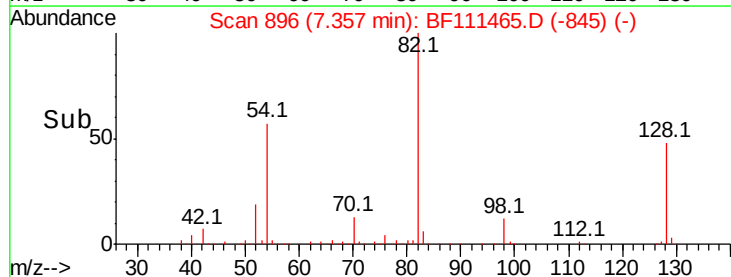
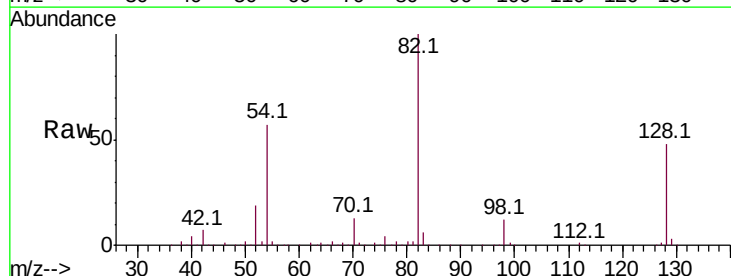
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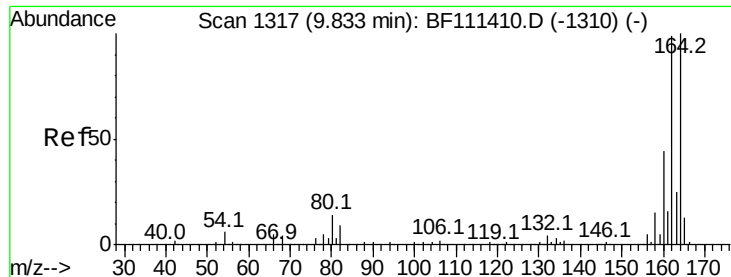
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#23
Nitrobenzene-d5
Concen: 89.928 ng
RT: 7.36 min Scan# 896
Delta R.T. 0.00 min
Lab File: BF111465.D
Acq: 15 Dec 2018 13:40

Tgt Ion	Ratio	Resp	Lower	Upper
82	100			
128	48.1	37.4	56.2	
54	57.1	47.6	71.4	





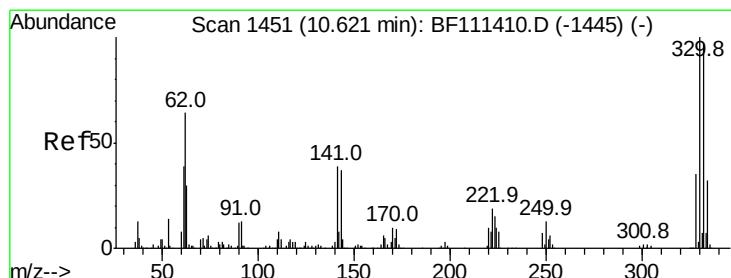
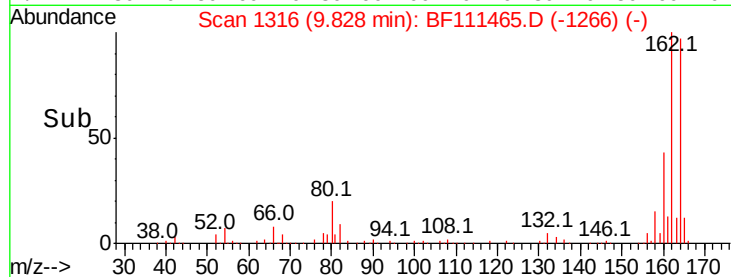
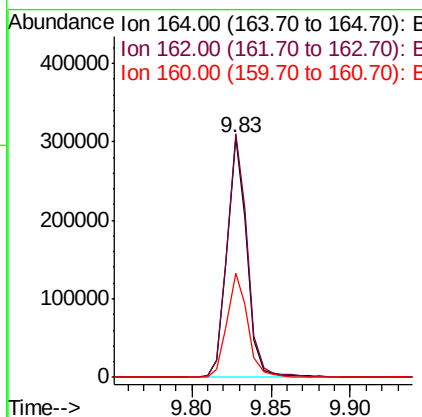
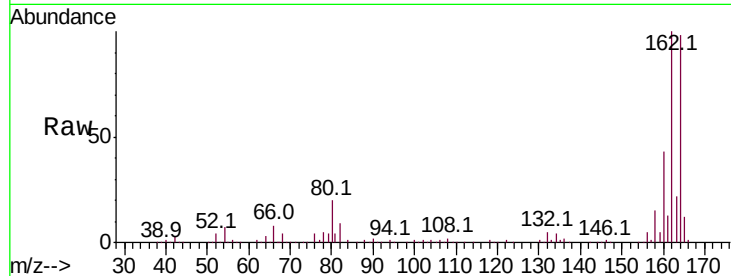
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BF111465.D
Acq: 15 Dec 2018 13:40

Instrument :
BNA_F
ClientSampleId :
SUP-2A-C-1-120718

Tot Ion	Ratio	Lower	Upper
164	100		
162	101.6	81.4	122.0
160	43.3	35.7	53.5

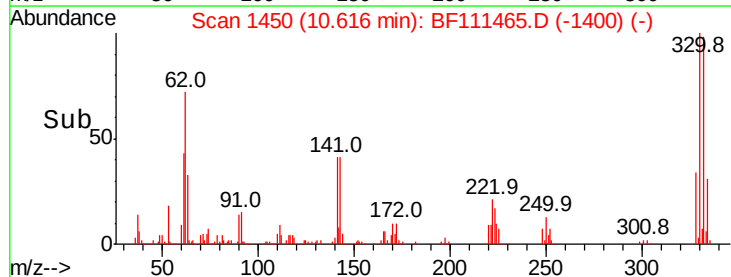
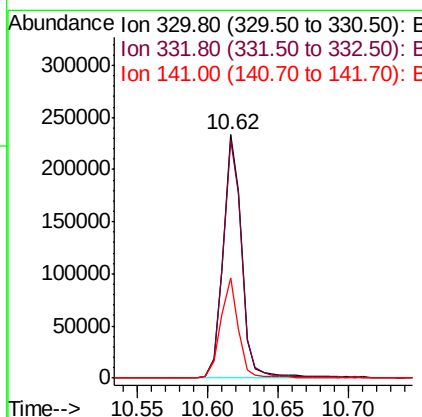
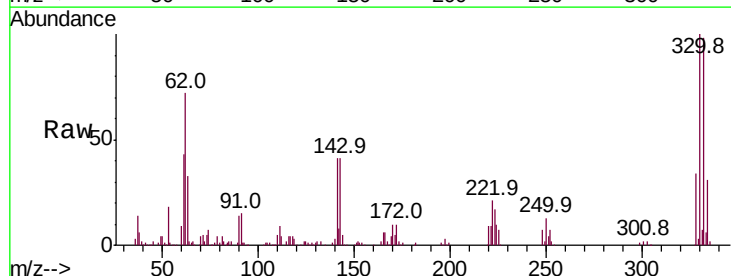
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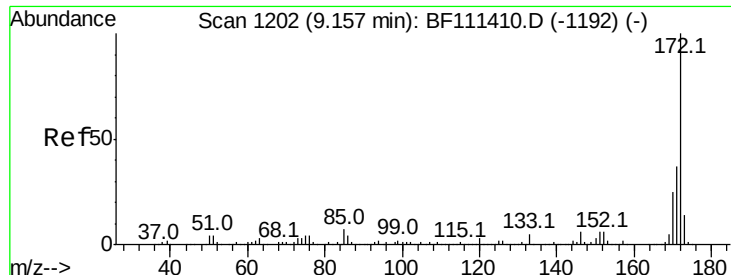
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#42
2,4,6-Tribromophenol
Concen: 90.129 ng
RT: 10.62 min Scan# 1450
Delta R.T. -0.01 min
Lab File: BF111465.D
Acq: 15 Dec 2018 13:40

Tgt Ion	Ratio	Lower	Upper
330	100		
332	98.5	76.0	114.0
141	39.8	31.0	46.6





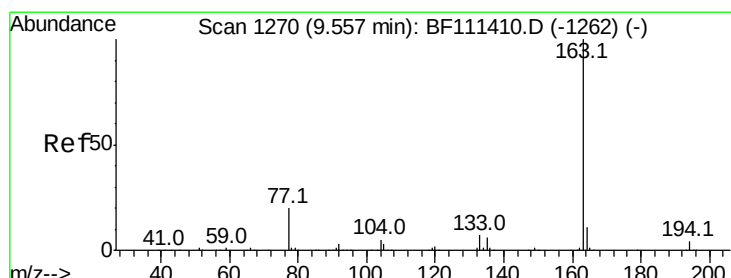
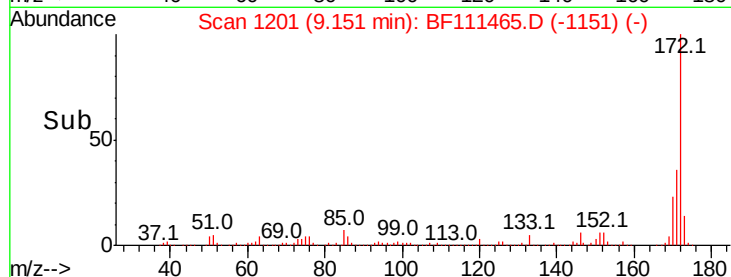
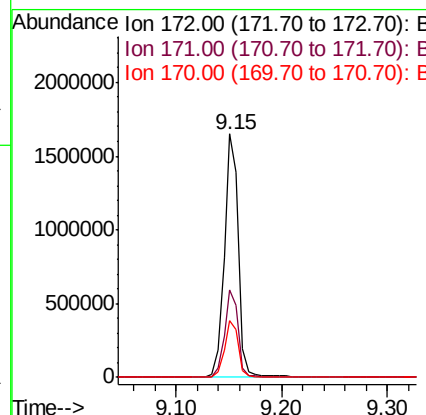
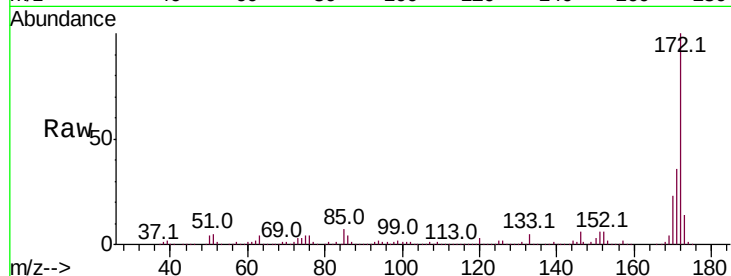
#45
2-Fluorobiphenyl
Concen: 90.780 ng
RT: 9.15 min Scan# 1201
Delta R.T. -0.01 min
Lab File: BF111465.D
Acq: 15 Dec 2018 13:40

Instrument :
BNA_F
ClientSampleId :
SUP-2A-C-1-120718

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.9	33.0	49.4
170	23.3	22.3	33.5

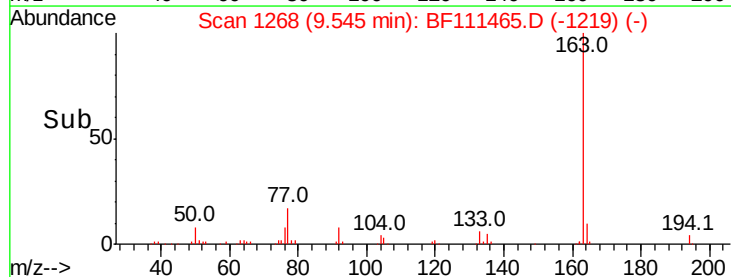
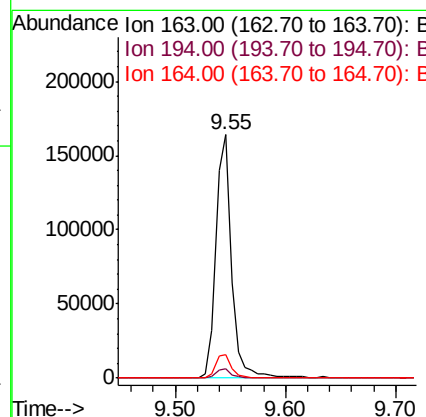
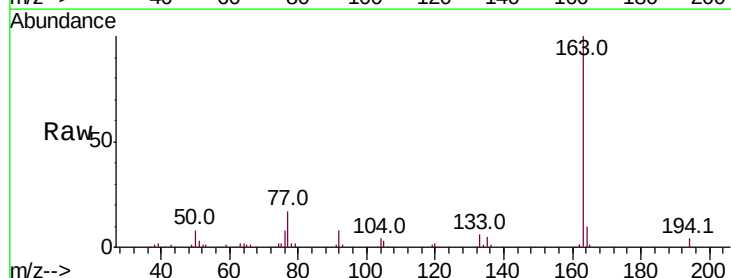
Manual Integrations
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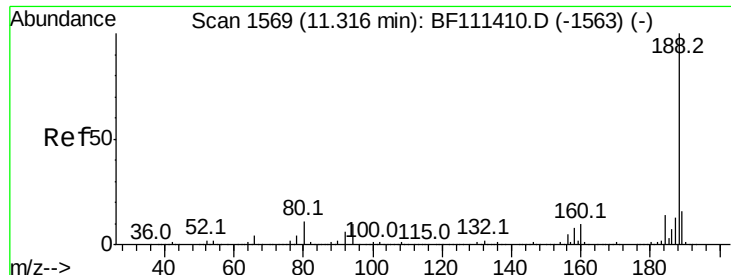
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#50
Dimethylphthalate
Concen: 8.315 ng
RT: 9.55 min Scan# 1268
Delta R.T. -0.01 min
Lab File: BF111465.D
Acq: 15 Dec 2018 13:40

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.7	3.0	4.6
164	9.5	8.9	13.3





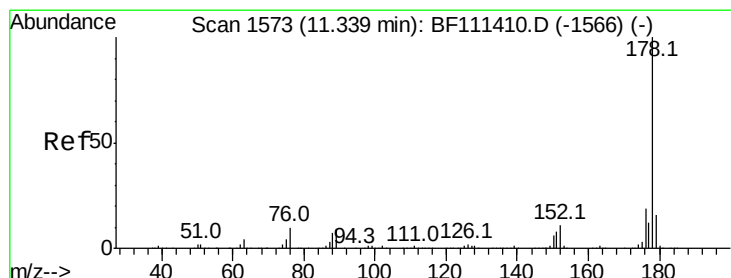
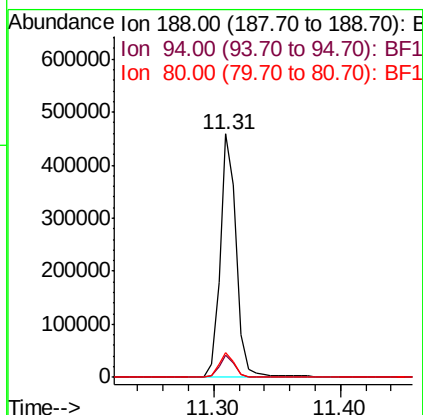
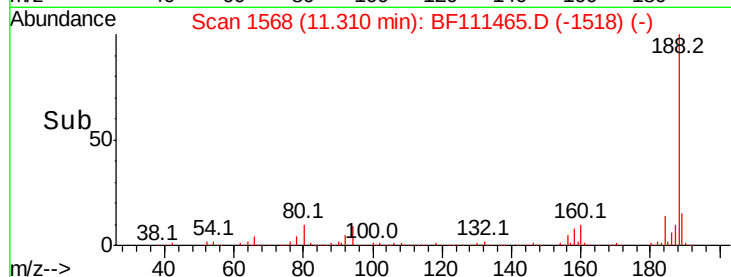
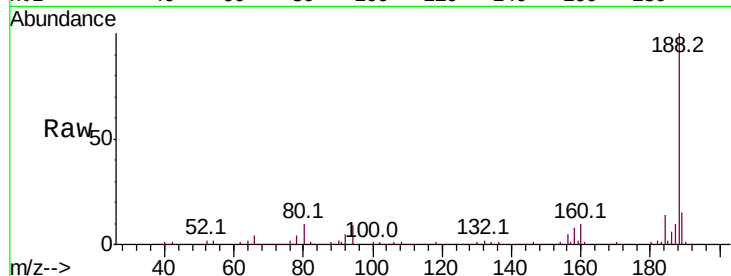
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.31 min Scan# 1568
Delta R.T. -0.01 min
Lab File: BF111465.D
Acq: 15 Dec 2018 13:40

Instrument :
BNA_F
ClientSampleId :
SUP-2A-C-1-120718

Tot Ion	Ratio	Resp	Lower	Upper
188	100			
94	9.4	9.6	14.4#	
80	10.4	9.8	14.6	

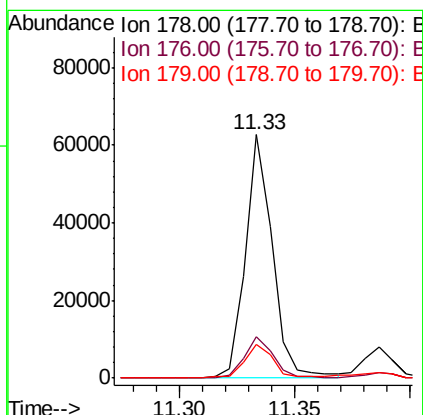
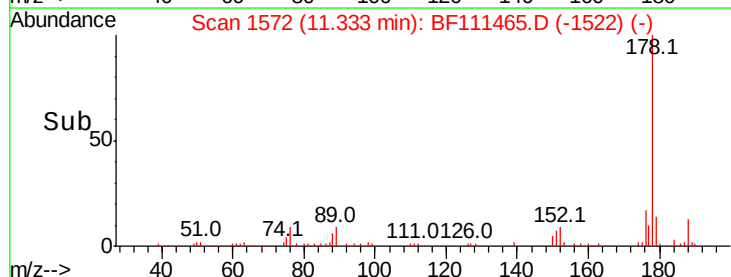
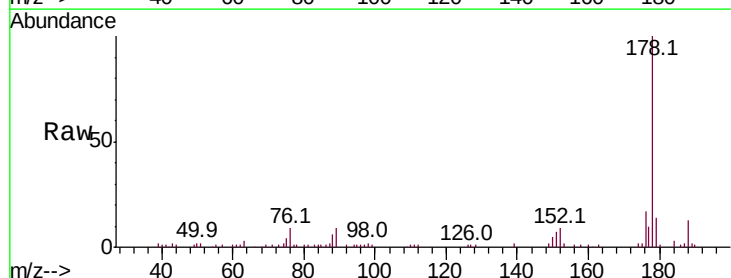
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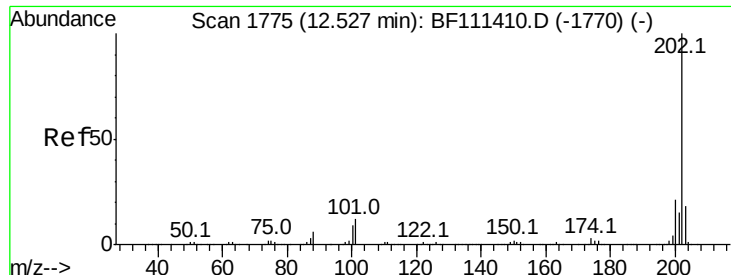
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#71
Phenanthrene
Concen: 2.430 ng
RT: 11.33 min Scan# 1572
Delta R.T. -0.01 min
Lab File: BF111465.D
Acq: 15 Dec 2018 13:40

Tgt Ion	Ratio	Resp	Lower	Upper
178	100			
176	17.0	18.1	27.1#	
179	14.0	14.0	21.0	





#75

Fluoranthene

Concen: 3.216 ng

RT: 12.52 min Scan# 1774

Delta R.T. -0.01 min

Lab File: BF111465.D

Acq: 15 Dec 2018 13:40

Instrument :

BNA_F

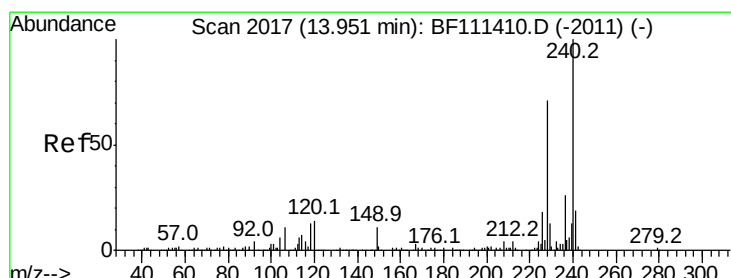
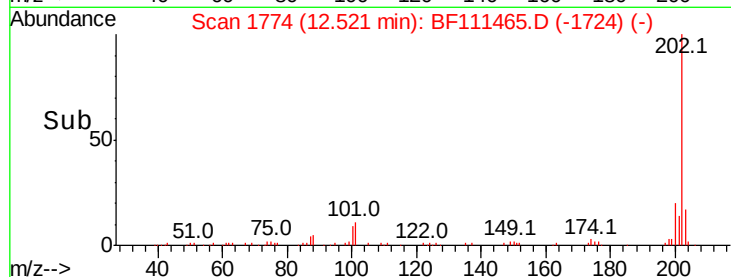
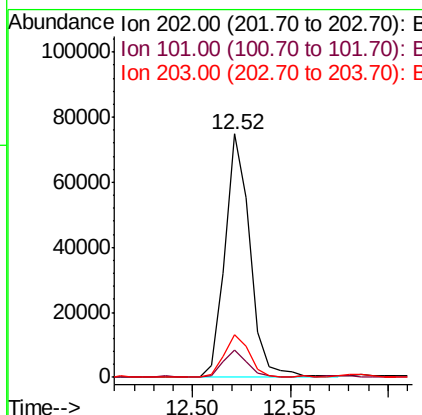
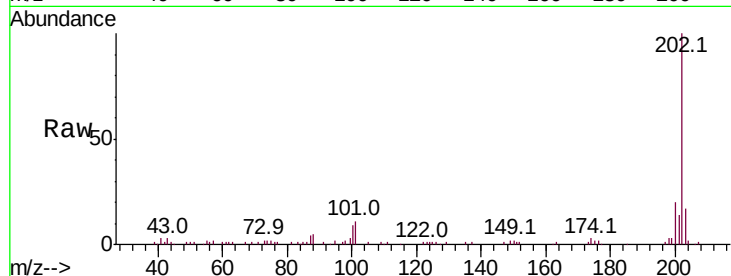
ClientSampleId :

SUP-2A-C-1-120718

Tot Ion	Ratio	Resp	Lower	Upper
202	100	66435		
101	11.0	0.0	33.8	
203	17.5	0.0	38.6	

Manual Integrations
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#76

Chrysene-d12

Concen: 20.000 ng

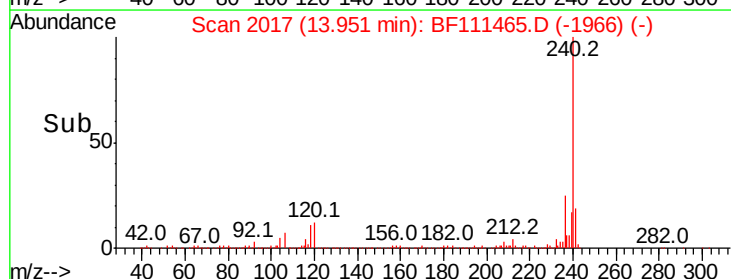
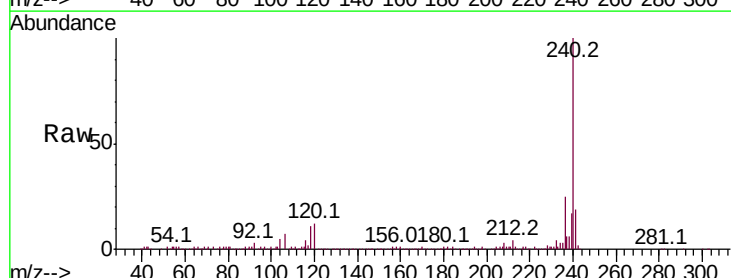
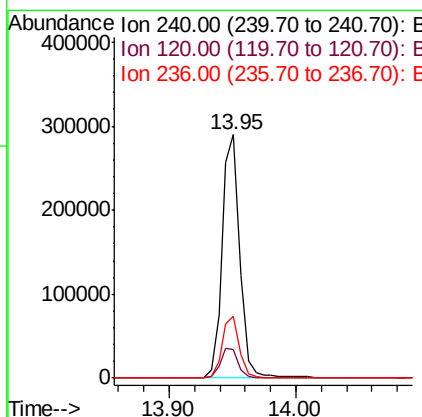
RT: 13.95 min Scan# 2017

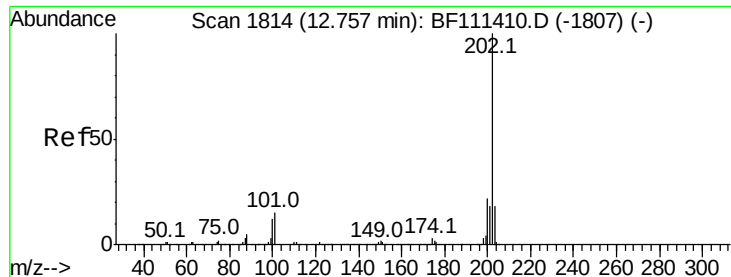
Delta R.T. 0.00 min

Lab File: BF111465.D

Acq: 15 Dec 2018 13:40

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	282460		
120	11.8	12.2	18.2#	
236	25.3	20.2	30.2	





#78

Pvrene

Concen: 2.707 ng

RT: 12.75 min Scan# 1813

Delta R.T. -0.01 min

Lab File: BF111465.D

Acq: 15 Dec 2018 13:40

Instrument :

BNA_F

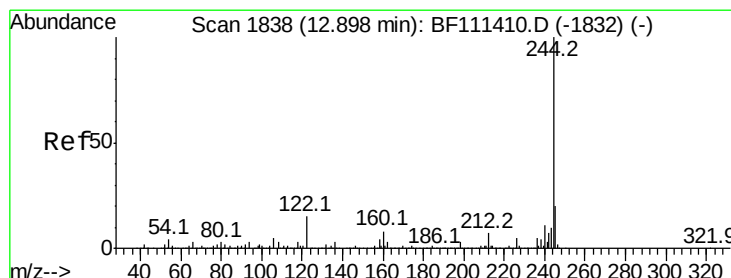
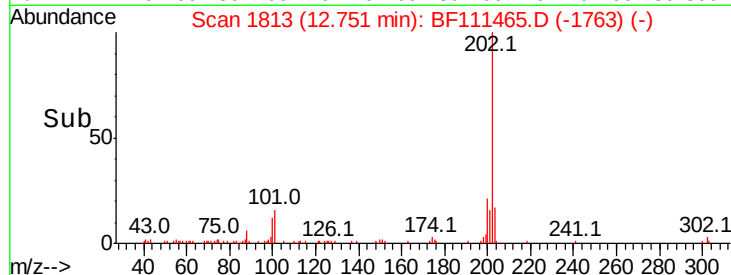
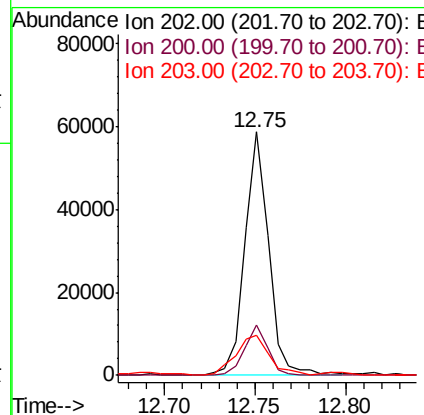
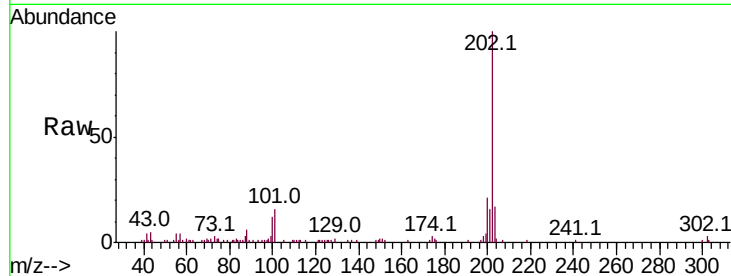
ClientSampleId :

SUP-2A-C-1-120718

Tot Ion:	202	Resp:	53905
Ion Ratio	Lower	Upper	
202	100		
200	20.8	19.0	28.4
203	16.6	15.2	22.8

Manual Integrations
APPROVED

Sohil
12/17/2018 3:11:53 PM



#79

Terphenyl-d14

Concen: 85.372 ng

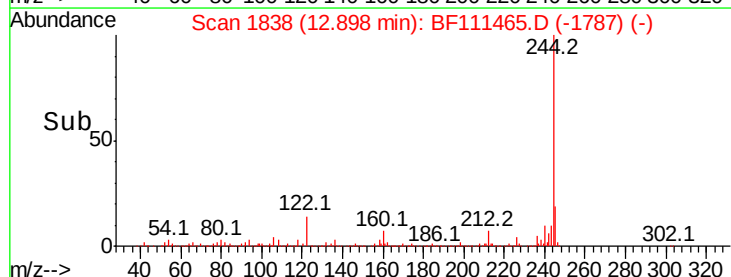
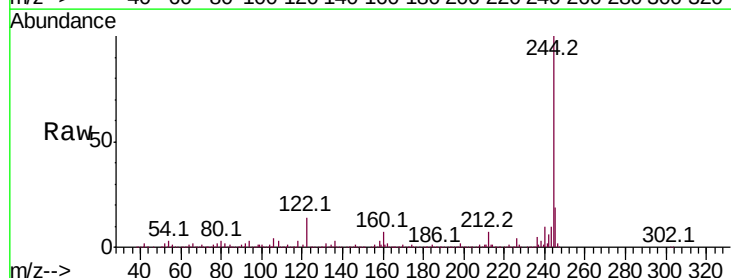
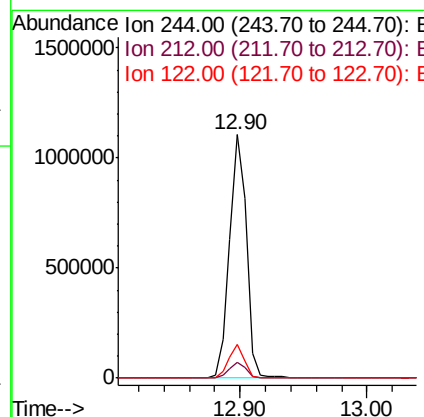
RT: 12.90 min Scan# 1838

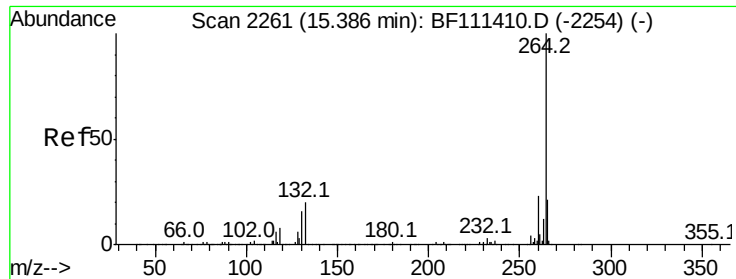
Delta R.T. 0.00 min

Lab File: BF111465.D

Acq: 15 Dec 2018 13:40

Tgt Ion:	244	Resp:	1026911
Ion Ratio	Lower	Upper	
244	100		
212	6.6	5.7	8.5
122	13.6	13.1	19.7





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.39 min Scan# 2261

Delta R.T. 0.00 min

Lab File: BF111465.D

Acq: 15 Dec 2018 13:40

Instrument :

BNA_F

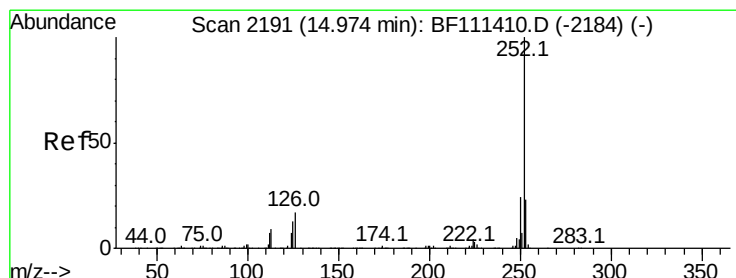
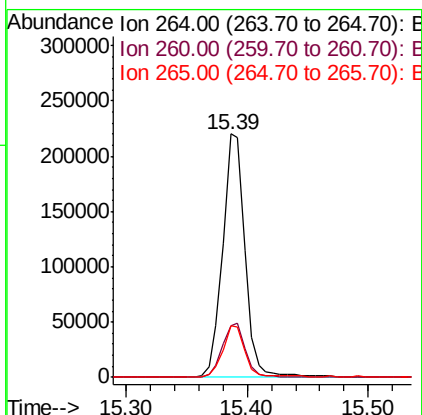
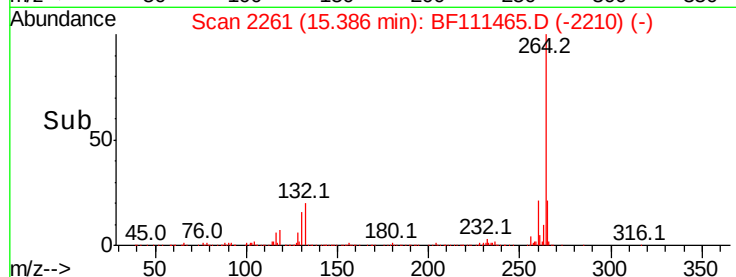
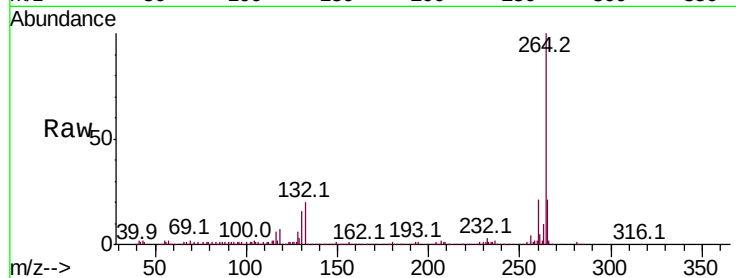
ClientSampleId :

SUP-2A-C-1-120718

Tot Ion:	264	Resp:	283146
Ion Ratio		Lower	Upper
264	100		
260	21.3	18.3	27.5
265	21.1	17.7	26.5

Manual Integrations
APPROVED

Sohil
12/17/2018 3:11:53 PM



#88

Benzo(b)fluoranthene

Concen: 2.060 ng m

RT: 14.97 min Scan# 2191

Delta R.T. 0.00 min

Lab File: BF111465.D

Acq: 15 Dec 2018 13:40

Tgt Ion:	252	Resp:	34009
Ion Ratio		Lower	Upper
252	100		
253	20.6	18.2	27.2
125	15.3	10.4	15.6

