

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091718\
 Data File : BF109050.D
 Acq On : 17 Sep 2018 16:07
 Operator : JU/SJ
 Sample : J4929-01 2X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-PIT-6

Manual Integrations
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 9/18/2018 6:00:11 PM

Quant Time: Sep 17 17:19:09 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091418.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 14 13:26:52 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	136247	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	470084	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	183796	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	344705	20.00	ng	0.00
75) Chrysene-d12	13.85	240	377981	20.00	ng	0.00
86) Perylene-d12	15.26	264	286557	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.32	112	424113	51.70	ng	0.00
7) Phenol-d6	6.35	99	521146	49.27	ng	-0.01
23) Nitrobenzene-d5	7.28	82	303440	36.21	ng	-0.01
41) 2,4,6-Tribromophenol	10.53	330	93457	46.85	ng	-0.01
44) 2-Fluorobiphenyl	9.08	172	501087	42.71	ng	0.00
78) Terphenyl-d14	12.81	244	511005	32.04	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
31) Naphthalene	8.02	128	255309	11.702	ng	98
37) 2-Methylnaphthalene	8.71	142	34996	2.461	ng	98
48) Acenaphthylene	9.61	152	39502	2.225	ng	98
49) Dimethylphthalate	9.47	163	41656	3.171	ng	# 99
57) Fluorene	10.30	166	21990	2.065	ng	99
70) Phenanthrene	11.25	178	103348	6.116	ng	99
71) Anthracene	11.30	178	35813	2.091	ng	98
74) Fluoranthene	12.43	202	89722	5.030	ng	98
77) Pyrene	12.66	202	75710	2.697	ng	97
83) Bis(2-ethylhexyl)phthalate	13.85	149	36917	2.431	ng	99
87) Benzo(b)fluoranthene	14.86	252	32840m	2.072	ng	

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

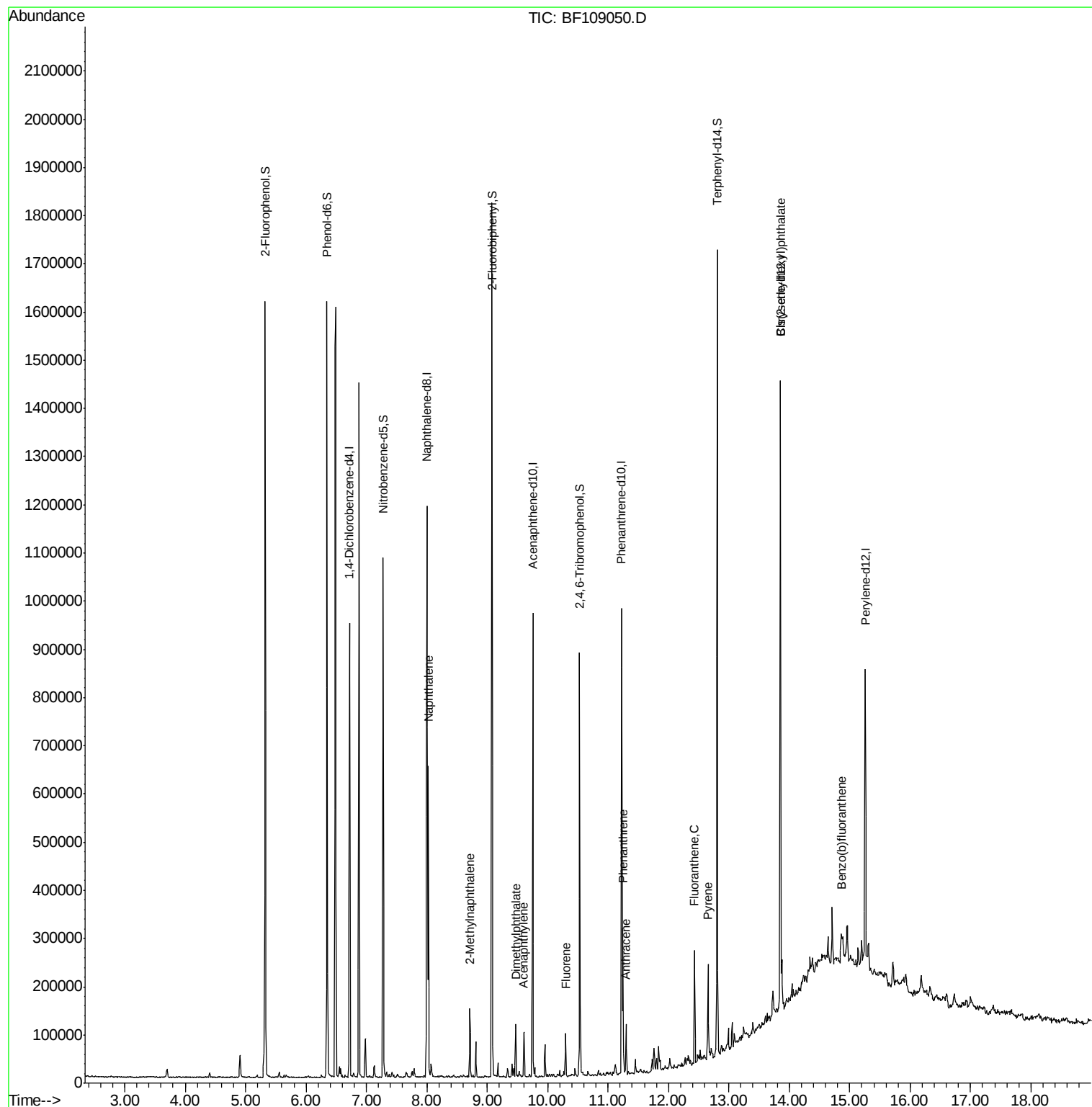
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091718\
Data File : BF109050.D
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Sample : J4929-01 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

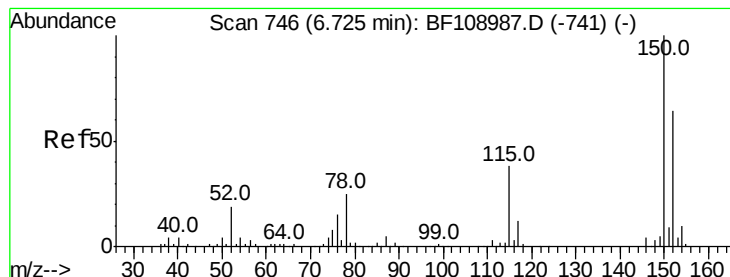
Instrument :
BNA_F
ClientSampleId :
SP-PIT-6

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Quant Time: Sep 17 17:19:09 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 14 13:26:52 2018
Response via : Initial Calibration





#1

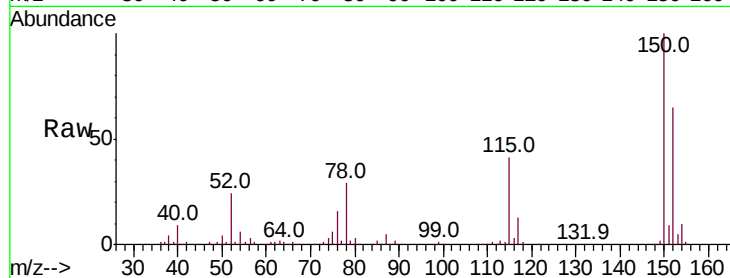
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 745
Delta R.T. -0.01 min
Lab File: BF109050.D
Acq: 17 Sep 2018 16:07

Instrument :
BNA_F
ClientSampled :
SP-PIT-6

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.7	124.6	186.8
115	62.9	50.1	75.1

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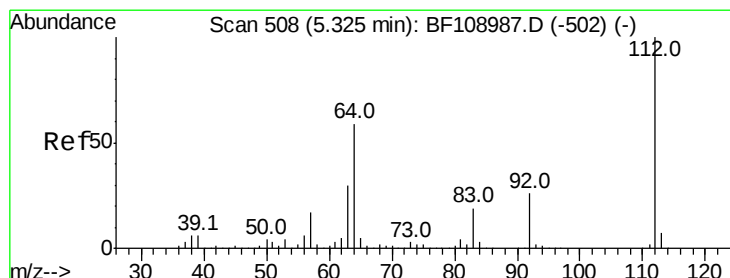
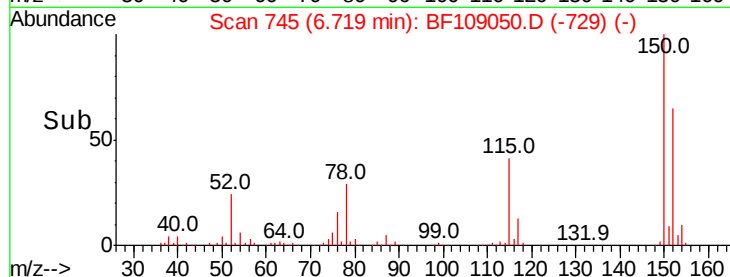
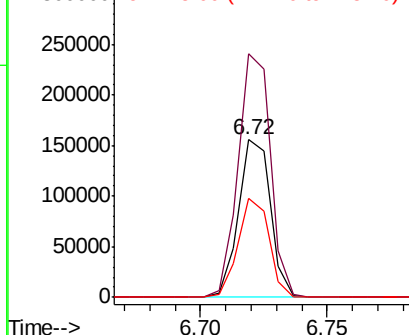


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

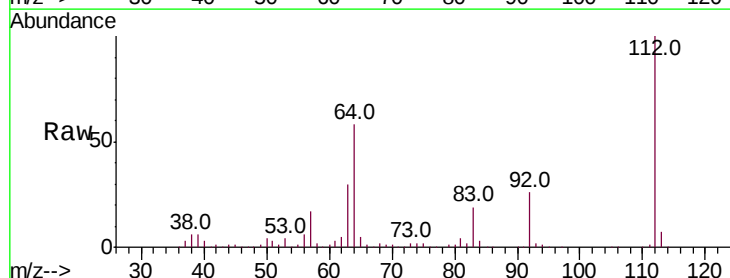
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 51.700 ng
RT: 5.32 min Scan# 508
Delta R.T. 0.00 min
Lab File: BF109050.D
Acq: 17 Sep 2018 16:07

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.1	47.9	71.9
63	30.3	23.7	35.5

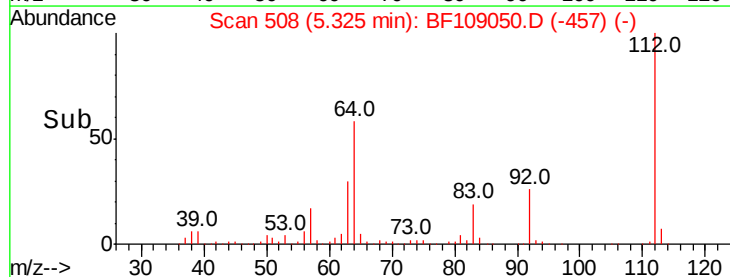
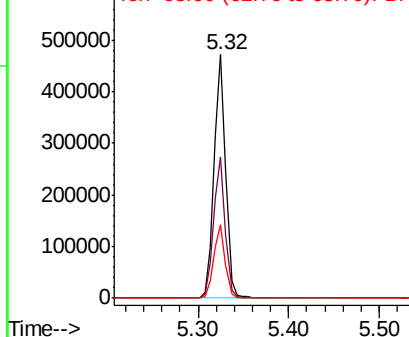


Abundance

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: 49.268 ng

RT: 6.35 min Scan# 682

Delta R.T. -0.01 min

Lab File: BF109050.D

Acq: 17 Sep 2018 16:07

Instrument :

BNA_F

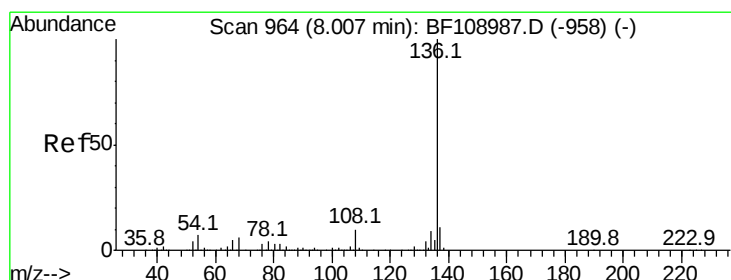
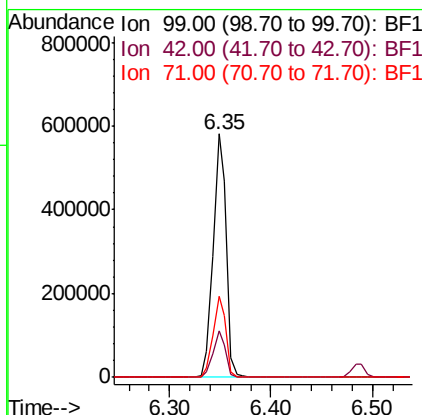
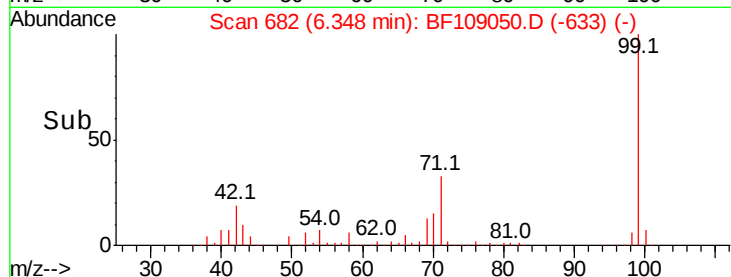
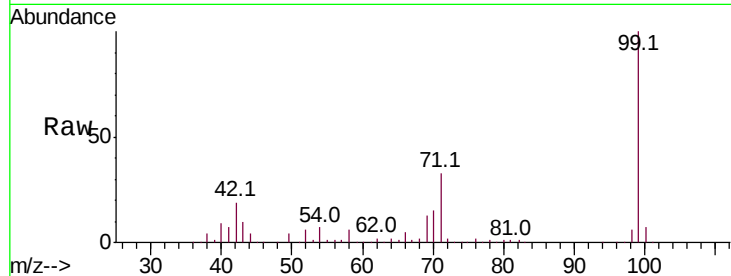
ClientSampled :

SP-PIT-6

Tot Ion:	99	Resp:	521146
Ion Ratio	Lower	Upper	
99	100		
42	19.1	14.5	21.7
71	33.5	25.4	38.0

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#21

Naphthalene-d8

Concen: 20.000 ng

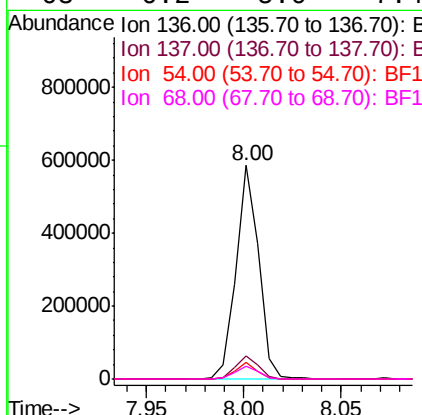
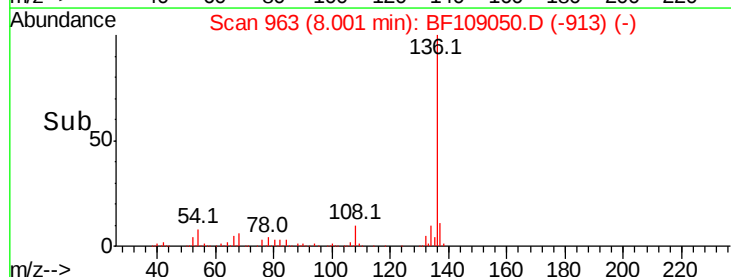
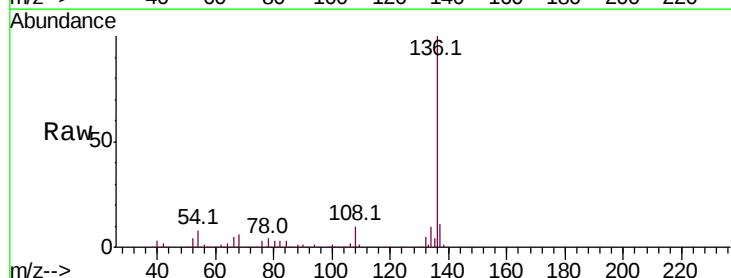
RT: 8.00 min Scan# 963

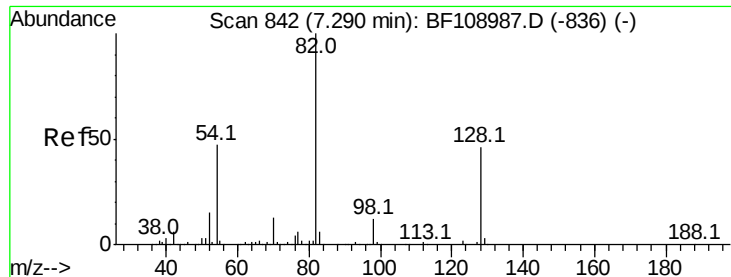
Delta R.T. -0.01 min

Lab File: BF109050.D

Acq: 17 Sep 2018 16:07

Tgt Ion:	136	Resp:	470084
Ion Ratio	Lower	Upper	
136	100		
137	10.9	8.9	13.3
54	7.5	6.6	9.8
68	6.2	5.0	7.4





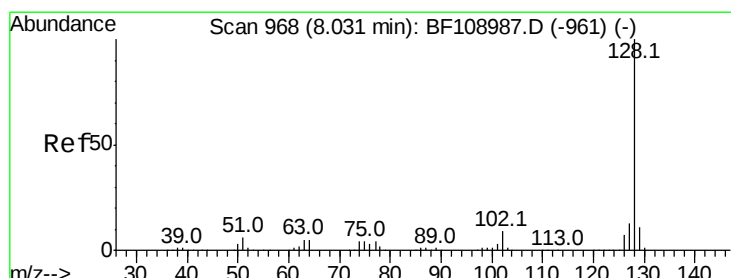
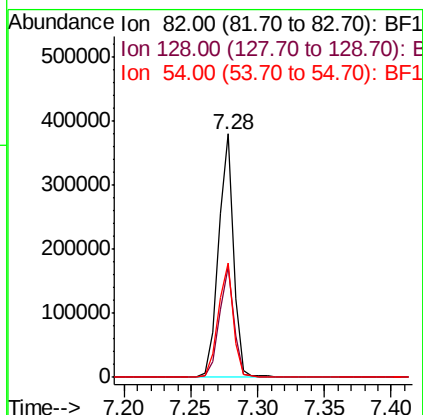
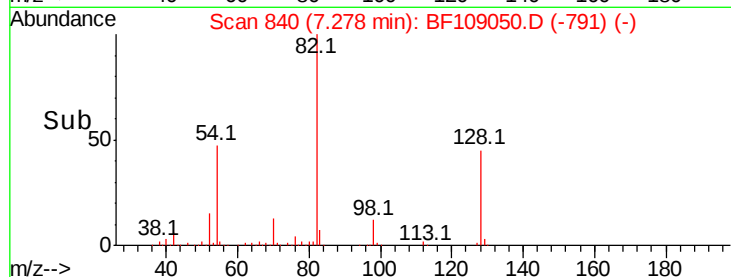
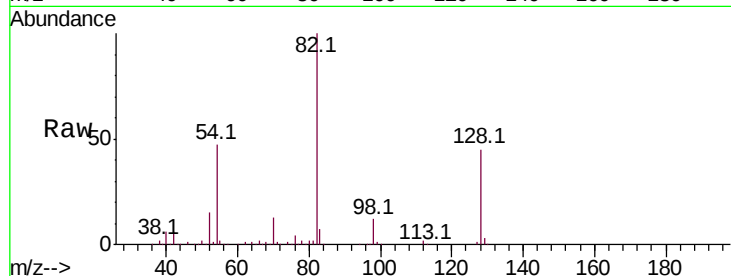
#23
Nitrobenzene-d5
Concen: 36.205 ng
RT: 7.28 min Scan# 840
Delta R.T. -0.01 min
Lab File: BF109050.D
Acq: 17 Sep 2018 16:07

Instrument :
BNA_F
ClientSampled :
SP-PIT-6

Tot Ion	Ratio	Lower	Upper
82	100		
128	45.4	36.1	54.1
54	47.2	41.4	62.2

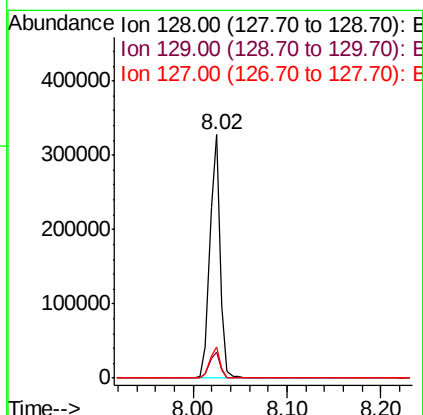
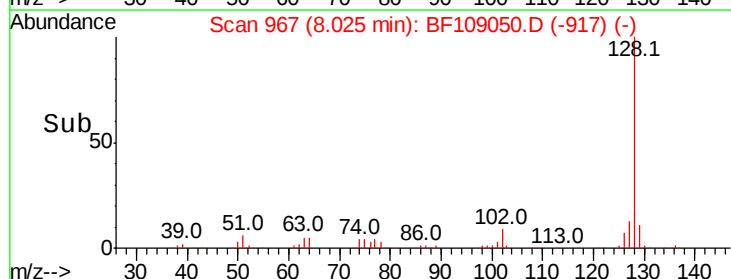
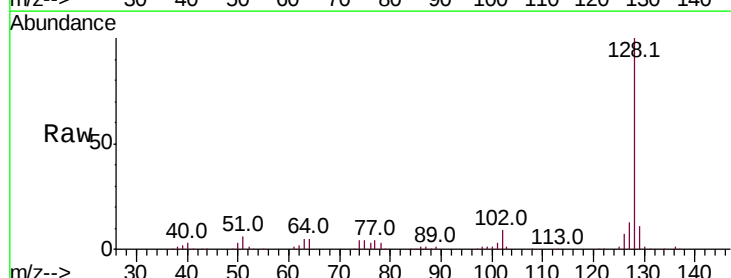
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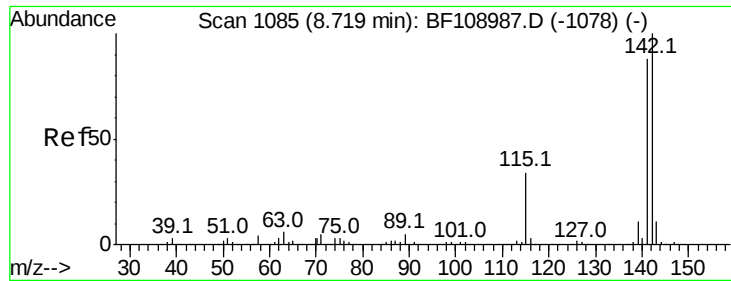
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#31
Naphthalene
Concen: 11.702 ng
RT: 8.02 min Scan# 967
Delta R.T. -0.01 min
Lab File: BF109050.D
Acq: 17 Sep 2018 16:07

Tgt Ion	Ratio	Lower	Upper
128	100		
129	10.7	8.8	13.2
127	12.6	10.9	16.3





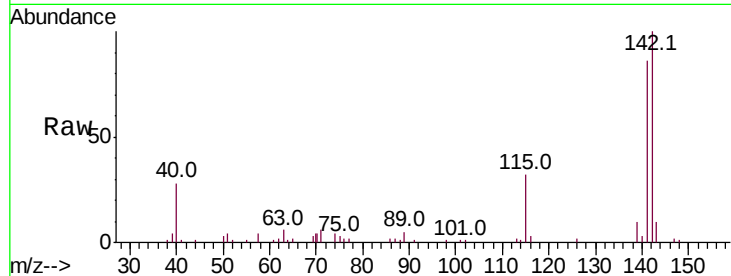
#37
2-Methylnaphthalene
Concen: 2.461 ng
RT: 8.71 min Scan# 1084
Delta R.T. -0.01 min
Lab File: BF109050.D
Acq: 17 Sep 2018 16:07

Instrument :
BNA_F
ClientSampled :
SP-PIT-6

Tot Ion	Ratio	Lower	Upper
142	100		
141	86.0	70.8	106.2
115	32.3	26.1	39.1

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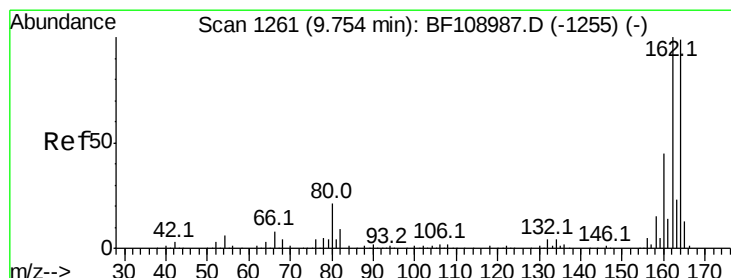
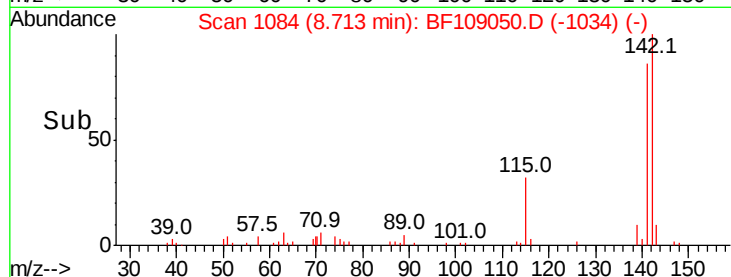
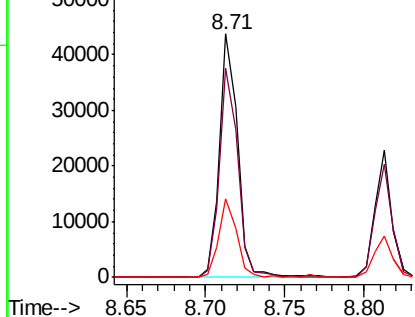


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.75 min Scan# 1261
Delta R.T. -0.00 min
Lab File: BF109050.D
Acq: 17 Sep 2018 16:07

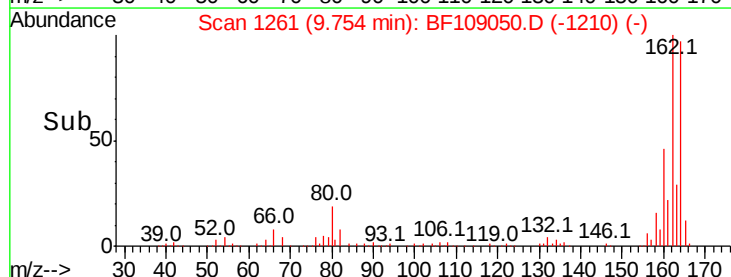
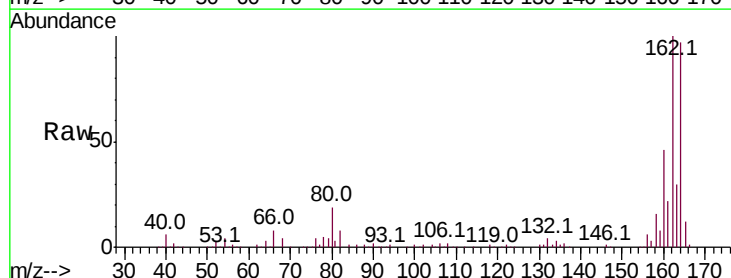
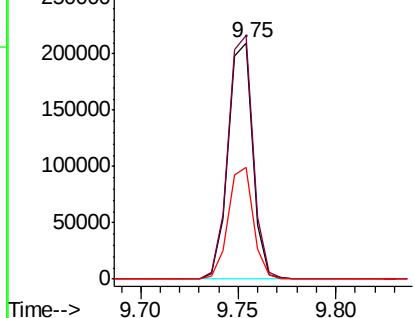
Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.1	86.1	129.1
160	47.3	38.3	57.5

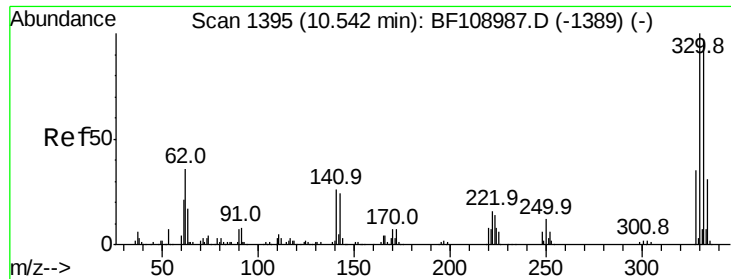
Abundance

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





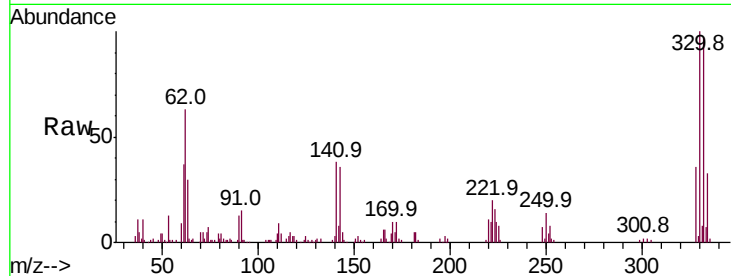
#41
 2,4,6-Tribromophenol
 Concen: 46.853 ng
 RT: 10.53 min Scan# 1393
 Delta R.T. -0.01 min
 Lab File: BF109050.D
 Acq: 17 Sep 2018 16:07

Instrument :
 BNA_F
 ClientSampled :
 SP-PIT-6

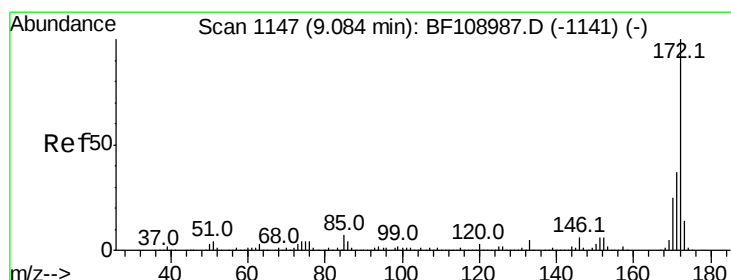
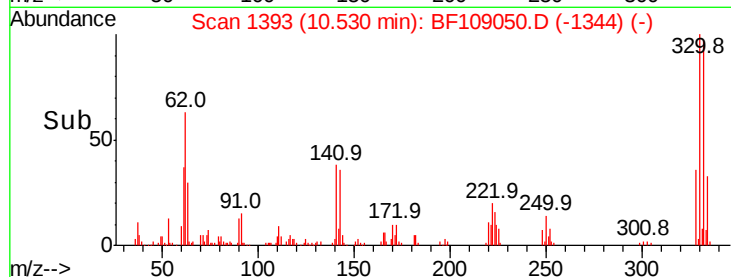
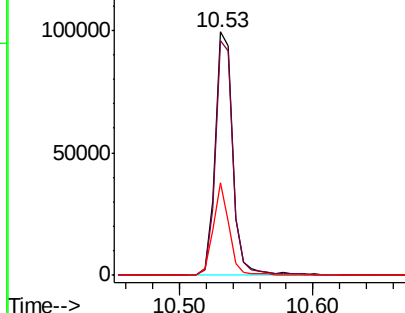
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.0	115.6
141	33.7	29.9	44.9

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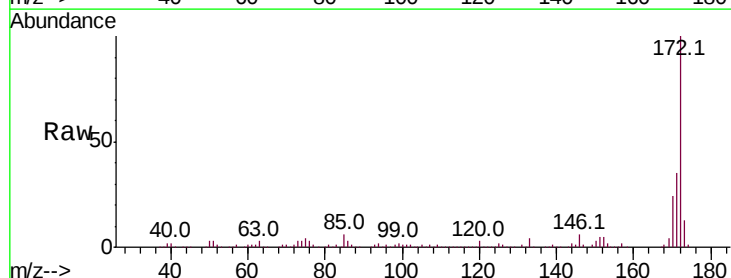


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

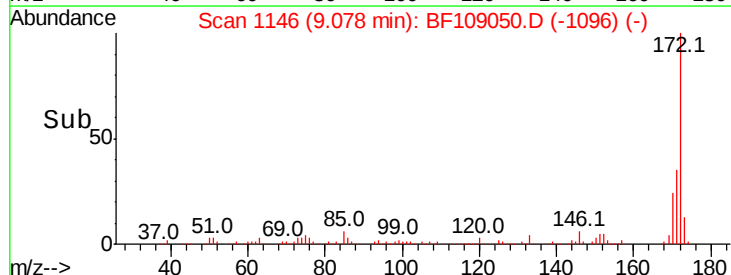
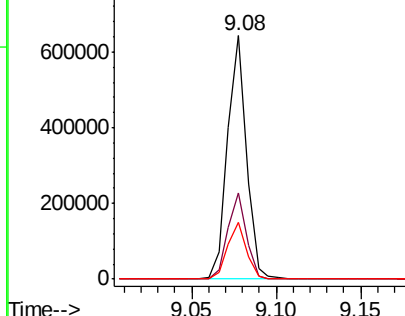


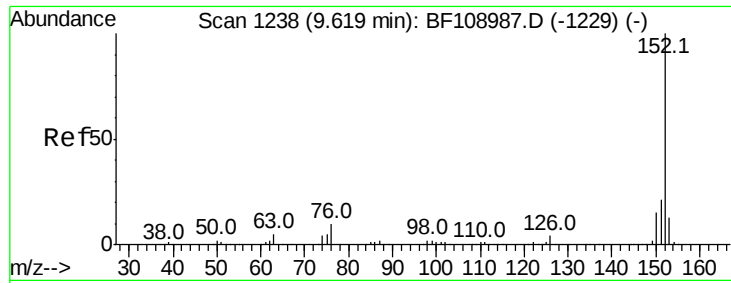
#44
 2-Fluorobiphenyl
 Concen: 42.714 ng
 RT: 9.08 min Scan# 1146
 Delta R.T. -0.01 min
 Lab File: BF109050.D
 Acq: 17 Sep 2018 16:07

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.5	29.7	44.5
170	23.6	19.6	29.4



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





#48

Acenaphthylene

Concen: 2.225 ng

RT: 9.61 min Scan# 1237

Delta R.T. -0.01 min

Lab File: BF109050.D

Acq: 17 Sep 2018 16:07

Instrument :

BNA_F

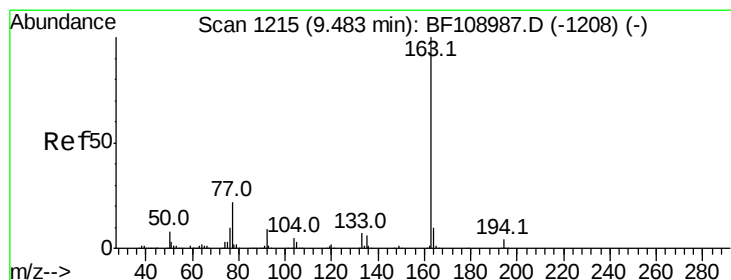
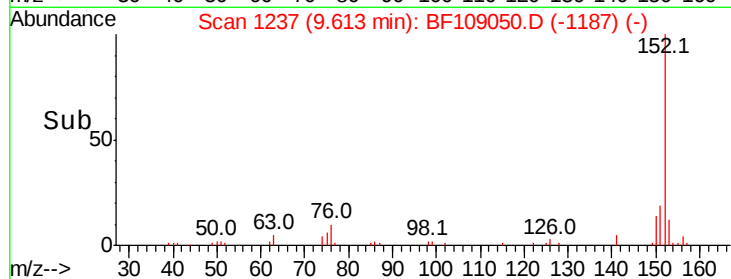
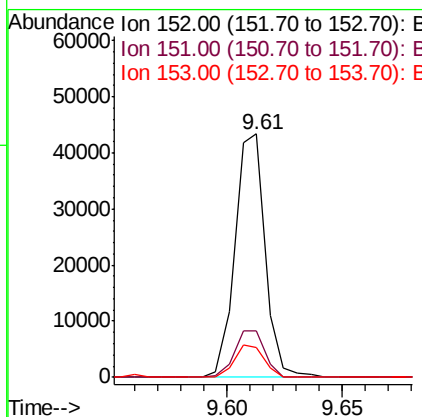
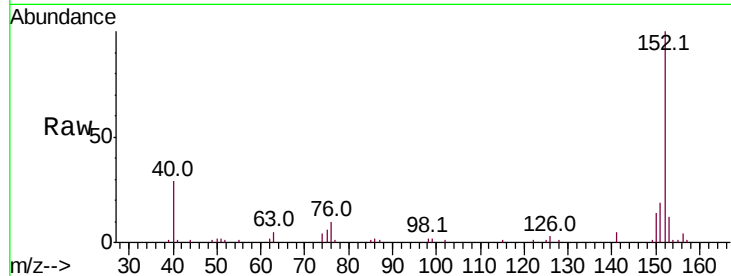
ClientSampled :

SP-PIT-6

Tot Ion:	152	Resp:	39502
Ion Ratio	Lower	Upper	
152	100		
151	19.3	16.3	24.5
153	12.4	10.7	16.1

Manual Integrations
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#49

Dimethylphthalate

Concen: 3.171 ng

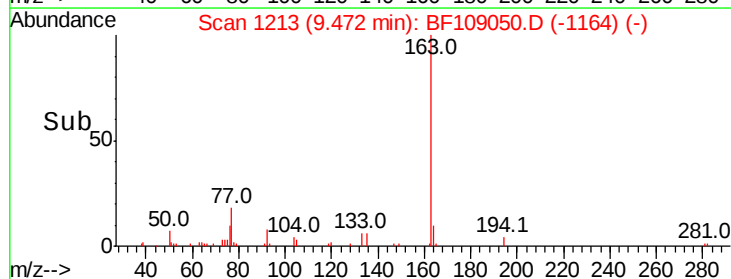
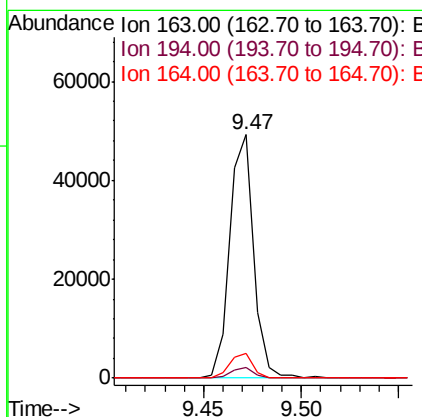
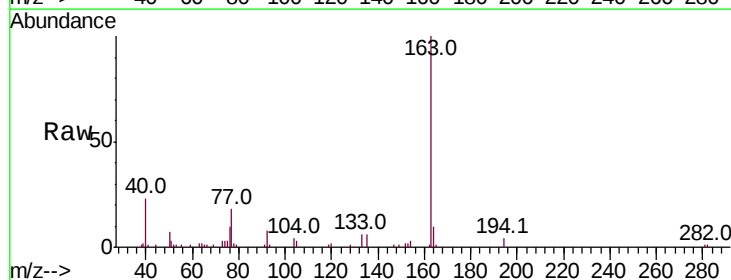
RT: 9.47 min Scan# 1213

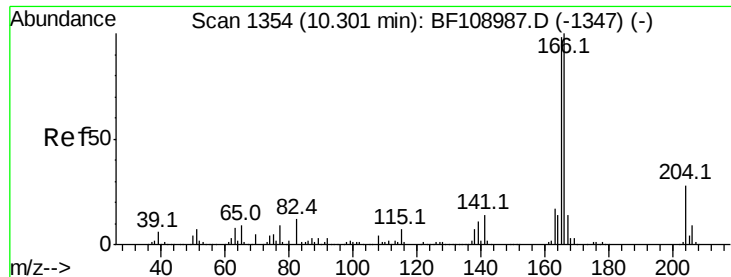
Delta R.T. -0.01 min

Lab File: BF109050.D

Acq: 17 Sep 2018 16:07

Tgt Ion:	163	Resp:	41656
Ion Ratio	Lower	Upper	
163	100		
194	4.3	2.7	4.1#
164	10.0	8.2	12.2





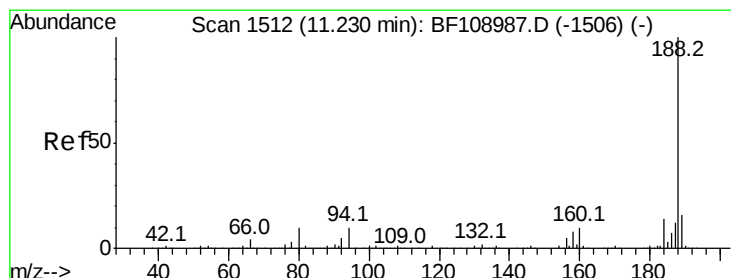
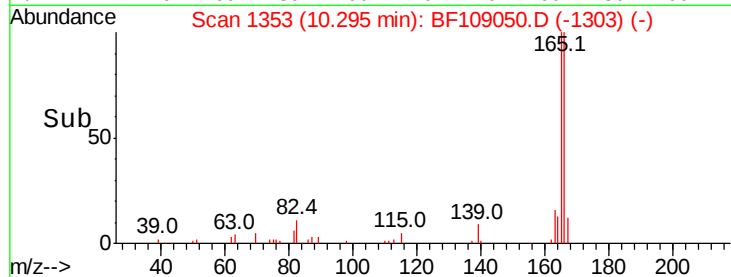
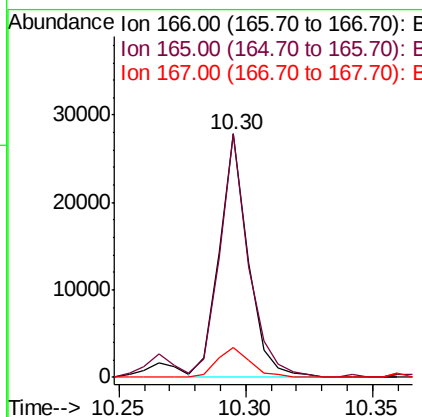
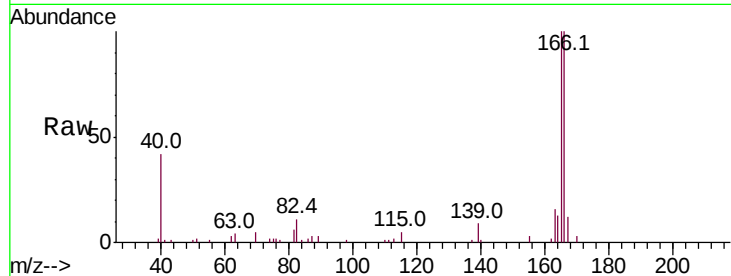
#57
Fluorene
 Concen: 2.065 ng
 RT: 10.30 min Scan# 1353
 Delta R.T. -0.01 min
 Lab File: BF109050.D
 Acq: 17 Sep 2018 16:07

Instrument :
 BNA_F
 ClientSampleId :
 SP-PIT-6

Tot Ion	Ratio	Lower	Upper
166	100		
165	100.2	79.8	119.8
167	12.3	10.6	16.0

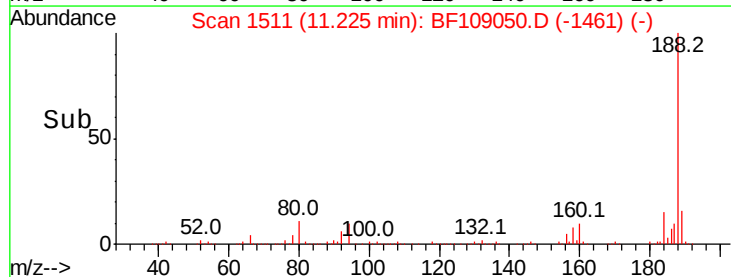
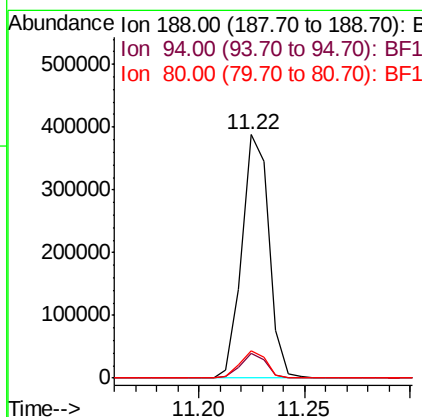
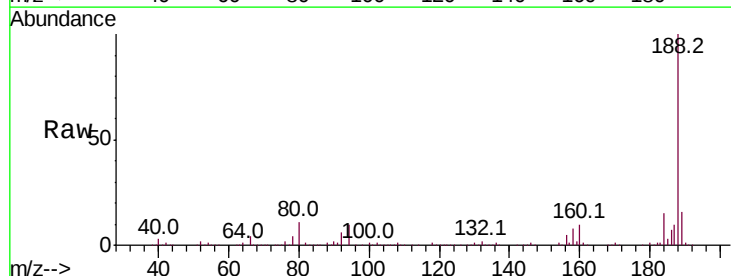
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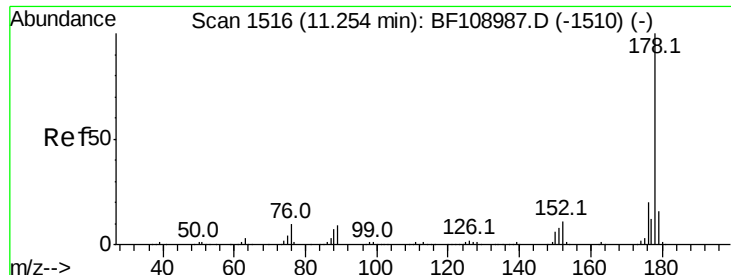
Sohil
 9/18/2018 6:00:11 PM



#63
Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.22 min Scan# 1511
 Delta R.T. -0.01 min
 Lab File: BF109050.D
 Acq: 17 Sep 2018 16:07

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.3	8.5	12.7
80	11.4	9.2	13.8





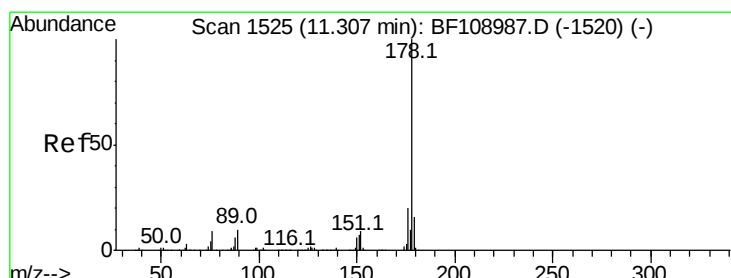
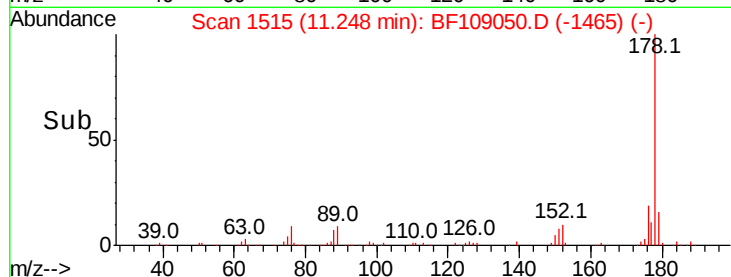
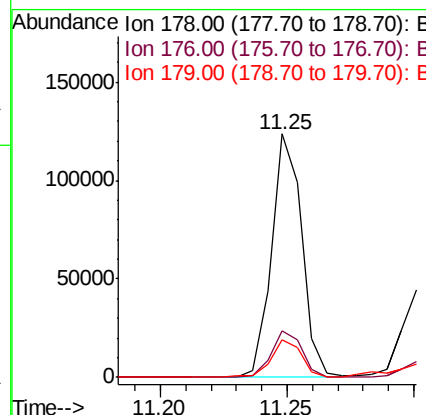
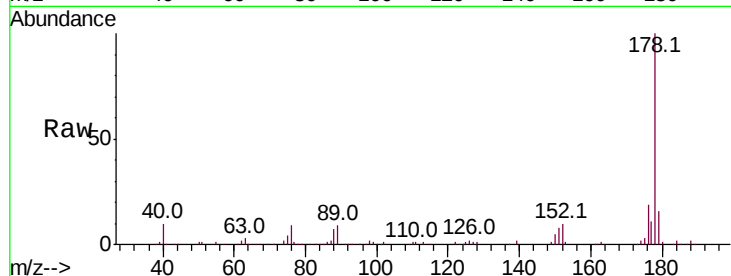
#70
Phenanthrene
Concen: 6.116 ng
RT: 11.25 min Scan# 1515
Delta R.T. -0.01 min
Lab File: BF109050.D
Acq: 17 Sep 2018 16:07

Instrument :
BNA_F
ClientSampled :
SP-PIT-6

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.8	23.8
179	15.6	13.0	19.6

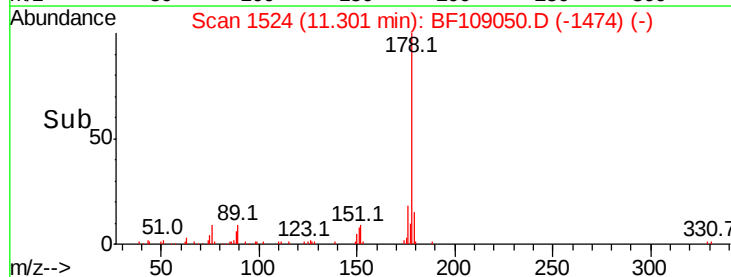
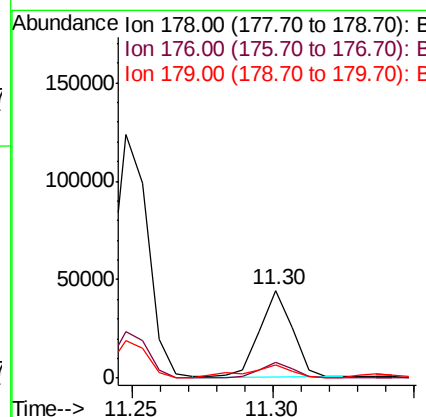
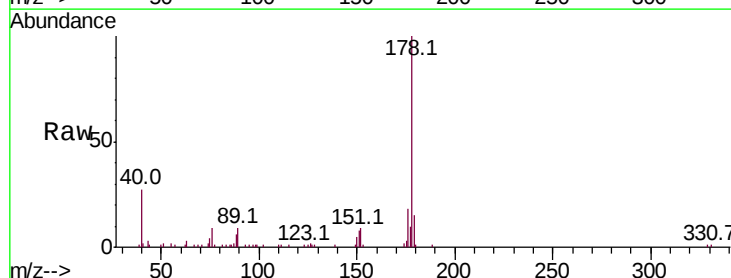
Manual Integrations
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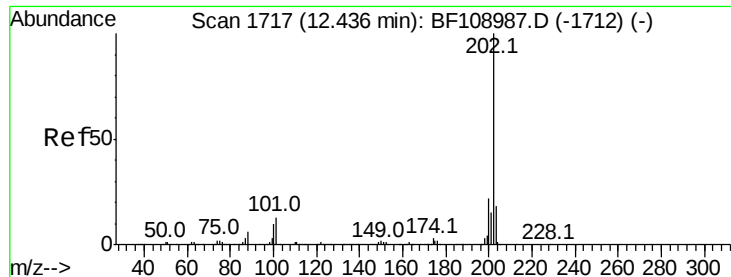
Sohil
9/18/2018 6:00:11 PM



#71
Anthracene
Concen: 2.091 ng
RT: 11.30 min Scan# 1524
Delta R.T. -0.01 min
Lab File: BF109050.D
Acq: 17 Sep 2018 16:07

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.4	15.4	23.2
179	15.2	12.6	19.0





#74

Fluoranthene

Concen: 5.030 ng

RT: 12.43 min Scan# 1716

Delta R.T. -0.01 min

Lab File: BF109050.D

Acq: 17 Sep 2018 16:07

Instrument :

BNA_F

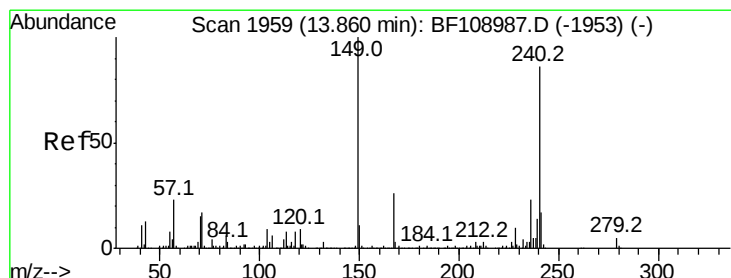
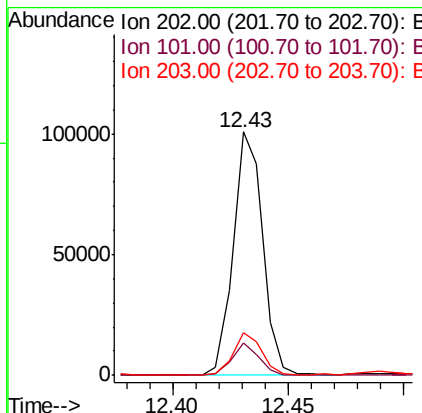
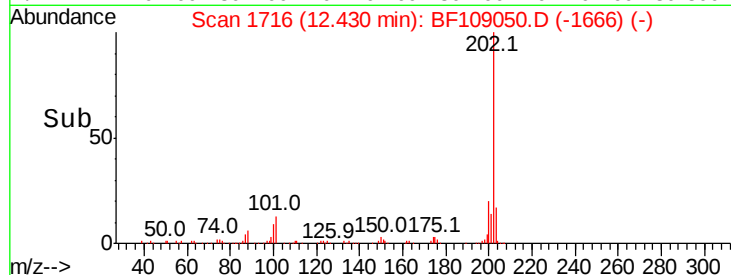
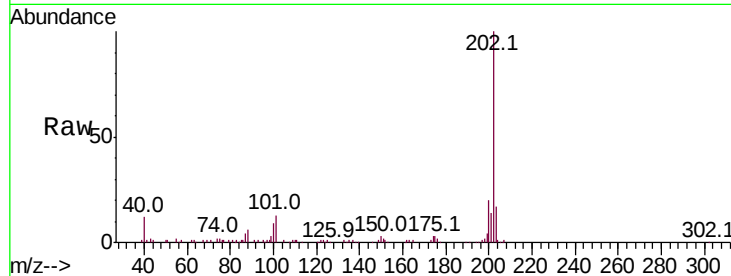
ClientSampled :

SP-PIT-6

Tot Ion:	202	Resp:	89722
Ion Ratio	Lower	Upper	
202	100		
101	13.3	0.0	34.1
203	17.4	0.0	38.1

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#75

Chrysene-d12

Concen: 20.000 ng

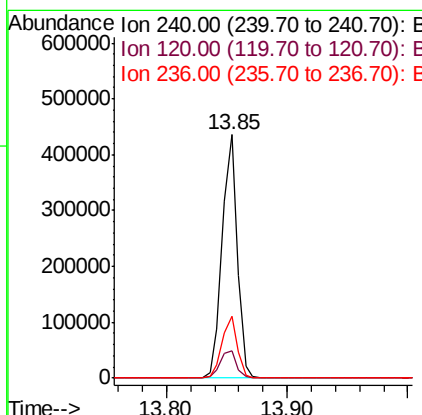
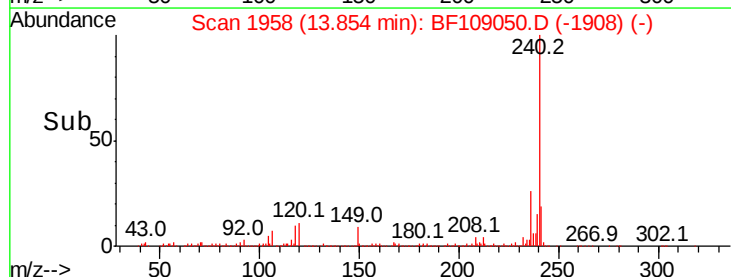
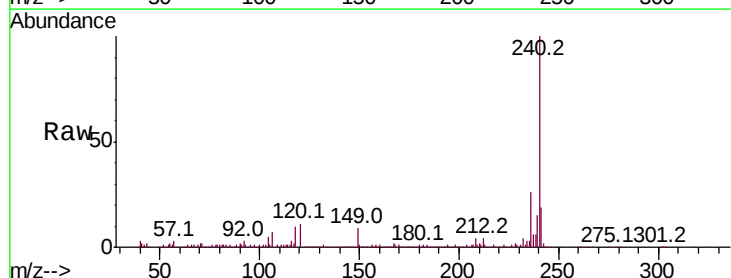
RT: 13.85 min Scan# 1958

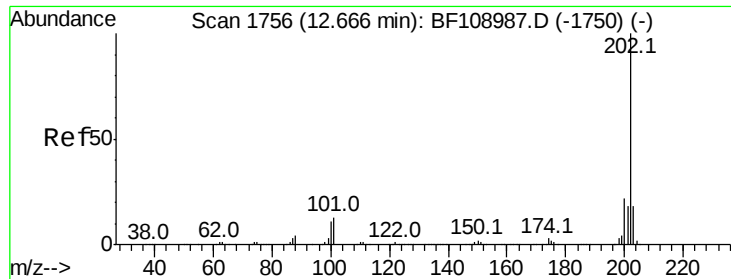
Delta R.T. -0.01 min

Lab File: BF109050.D

Acq: 17 Sep 2018 16:07

Tgt Ion:	240	Resp:	377981
Ion Ratio	Lower	Upper	
240	100		
120	11.1	9.5	14.3
236	25.7	20.7	31.1





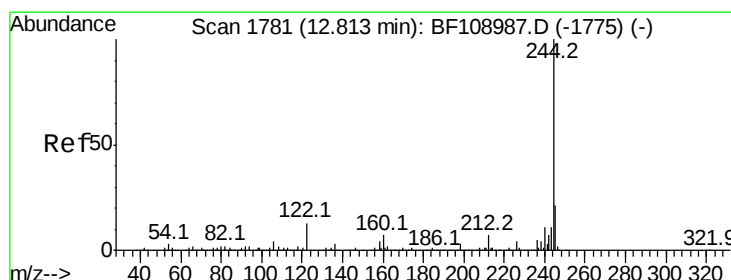
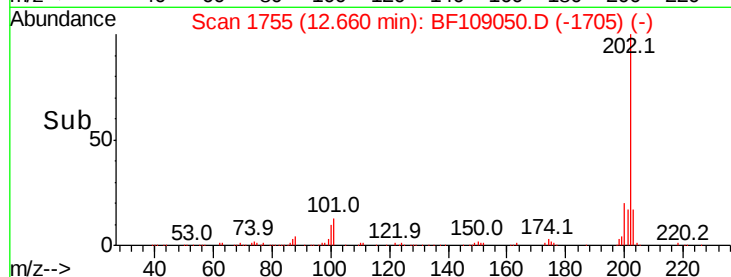
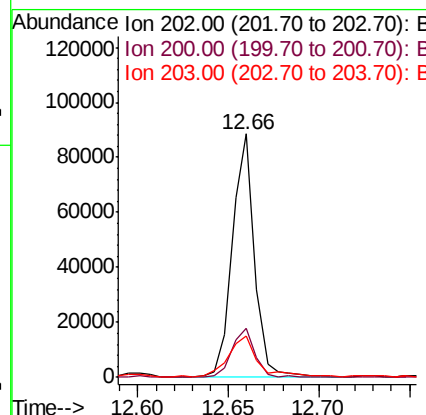
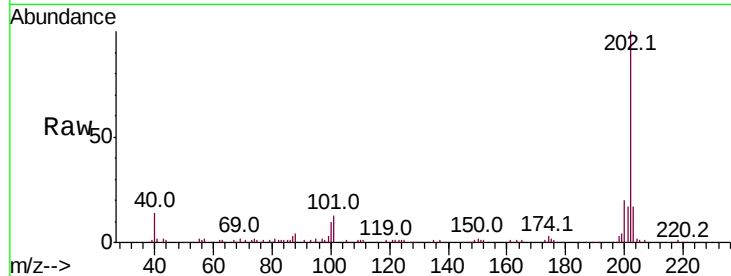
#77
Pvrene
Concen: 2.697 ng
RT: 12.66 min Scan# 1755
Delta R.T. -0.01 min
Lab File: BF109050.D
Acq: 17 Sep 2018 16:07

Instrument :
BNA_F
ClientSampleId :
SP-PIT-6

Tot Ion	Ratio	Lower	Upper
202	100		
200	20.2	17.4	26.2
203	17.1	14.3	21.5

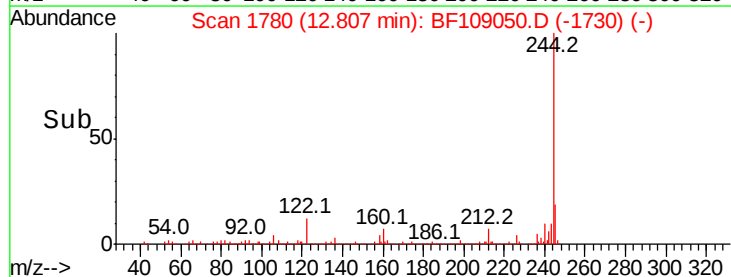
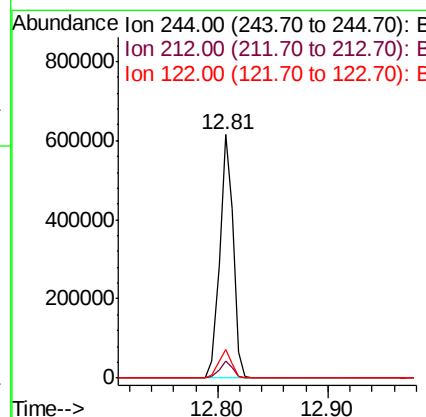
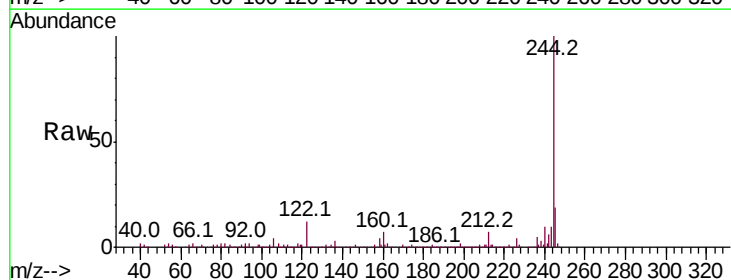
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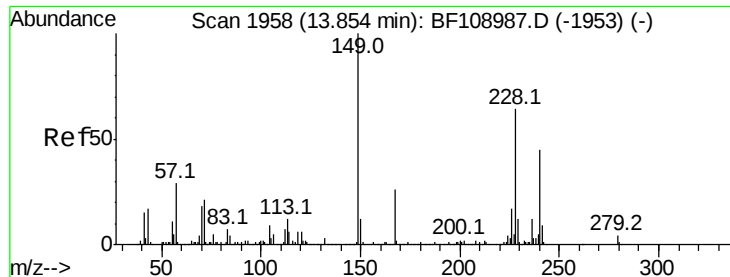
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#78
Terphenyl-d14
Concen: 32.044 ng
RT: 12.81 min Scan# 1780
Delta R.T. -0.01 min
Lab File: BF109050.D
Acq: 17 Sep 2018 16:07

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.4	8.0
122	11.6	11.0	16.4





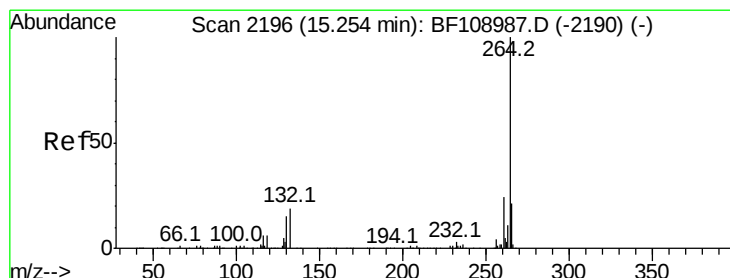
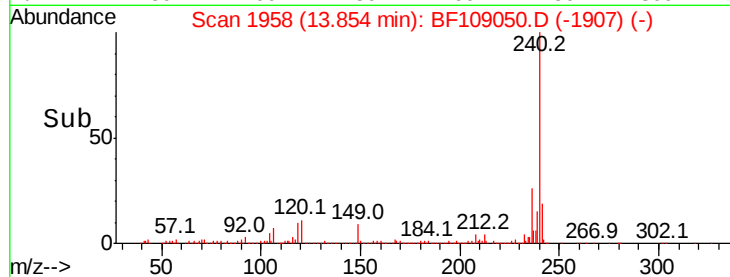
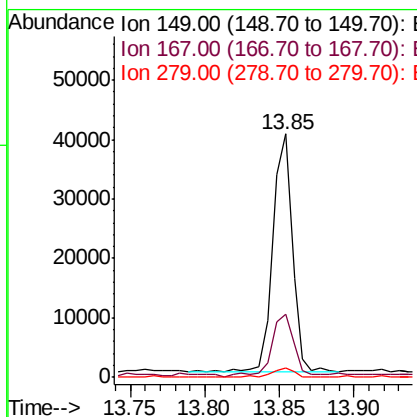
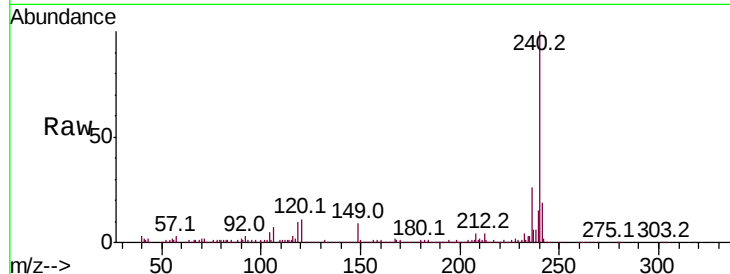
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 2.431 ng
 RT: 13.85 min Scan# 1958
 Delta R.T. -0.00 min
 Lab File: BF109050.D
 Acq: 17 Sep 2018 16:07

Instrument :
 BNA_F
 ClientSampled :
 SP-PIT-6

Tot Ion:	149	Resp:	36917
Ion Ratio	Lower	Upper	
149	100		
167	26.1	21.3	31.9
279	4.1	3.0	4.4

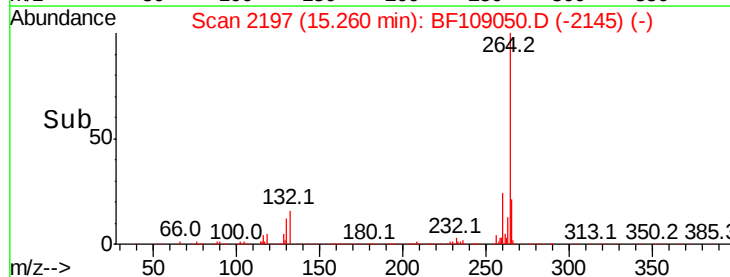
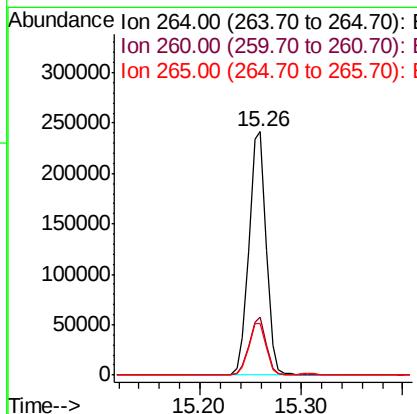
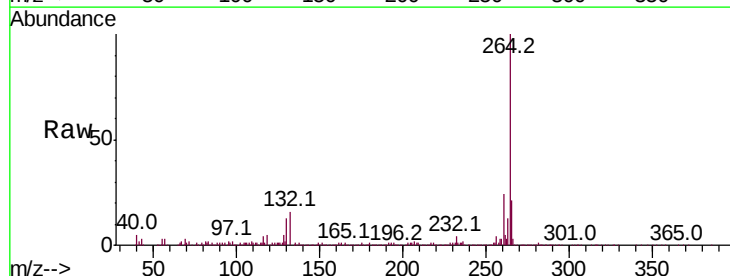
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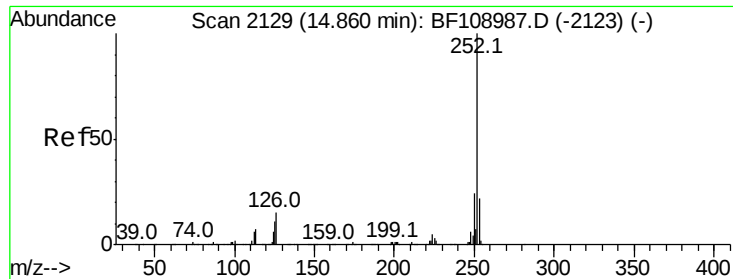
Sohil
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#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.26 min Scan# 2197
 Delta R.T. 0.01 min
 Lab File: BF109050.D
 Acq: 17 Sep 2018 16:07

Tgt Ion:	264	Resp:	286557
Ion Ratio	Lower	Upper	
264	100		
260	24.0	19.2	28.8
265	21.4	17.5	26.3





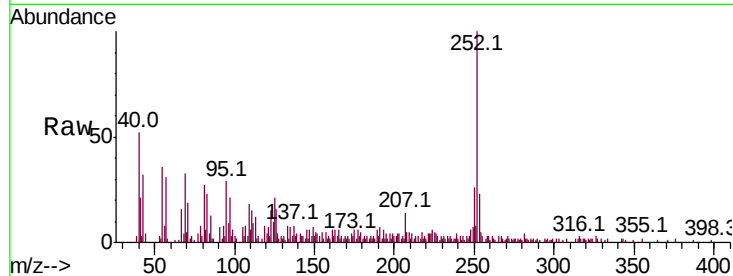
#87
 Benzo(b)fluoranthene
 Concen: 2.072 ng/ml
 RT: 14.86 min Scan# 2129
 Delta R.T. -0.00 min
 Lab File: BF109050.D
 Acq: 17 Sep 2018 16:07

Instrument :
 BNA_F
 ClientSampleId :
 SP-PIT-6

Tot Ion:	252	Resp:	32840
Ion Ratio	Lower	Upper	
252	100		
253	22.8	17.0	25.6
125	21.3	9.0	13.6

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

