

Data Path : U:\HPCHEM1\BNA F\DATA\BF020318\
 Data File : BF102717.D
 Acq On : 3 Feb 2018 15:21
 Operator : SJ/JU
 Sample : J1410-02
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RT-1495

Manual Integrations
 APPROVED

Sohil
 2/5/2018 11:05:16 AM

Quant Time: Feb 05 03:42:10 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 05 00:38:27 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	194623	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	800070	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	303758	20.00	ng	0.00
63) Phenanthrene-d10	11.42	188	281168	20.00	ng	0.02
75) Chrysene-d12	14.04	240	369742	20.00	ng	0.00
86) Perylene-d12	15.51	264	395444	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	1313351	102.48	ng	0.00
7) Phenol-d6	6.50	99	1554892	100.77	ng	0.00
23) Nitrobenzene-d5	7.44	82	968866	84.01	ng	0.00
41) 2,4,6-Tribromophenol	10.71	330	235840	96.46	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	1460021	79.76	ng	0.00
78) Terphenyl-d14	13.00	244	881703	56.46	ng	0.01
Target Compounds						
10) Phenol	6.50	94	77962	4.714	ng	# 59
49) Dimethylphthalate	9.63	163	122051	5.153	ng	# 90
74) Fluoranthene	12.63	202	39409	2.501	ng	77
83) Bis(2-ethylhexyl)phthalate	14.02	149	40612	2.287	ng	92
87) Benzo(b)fluoranthene	15.07	252	54510m	2.126	ng	

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

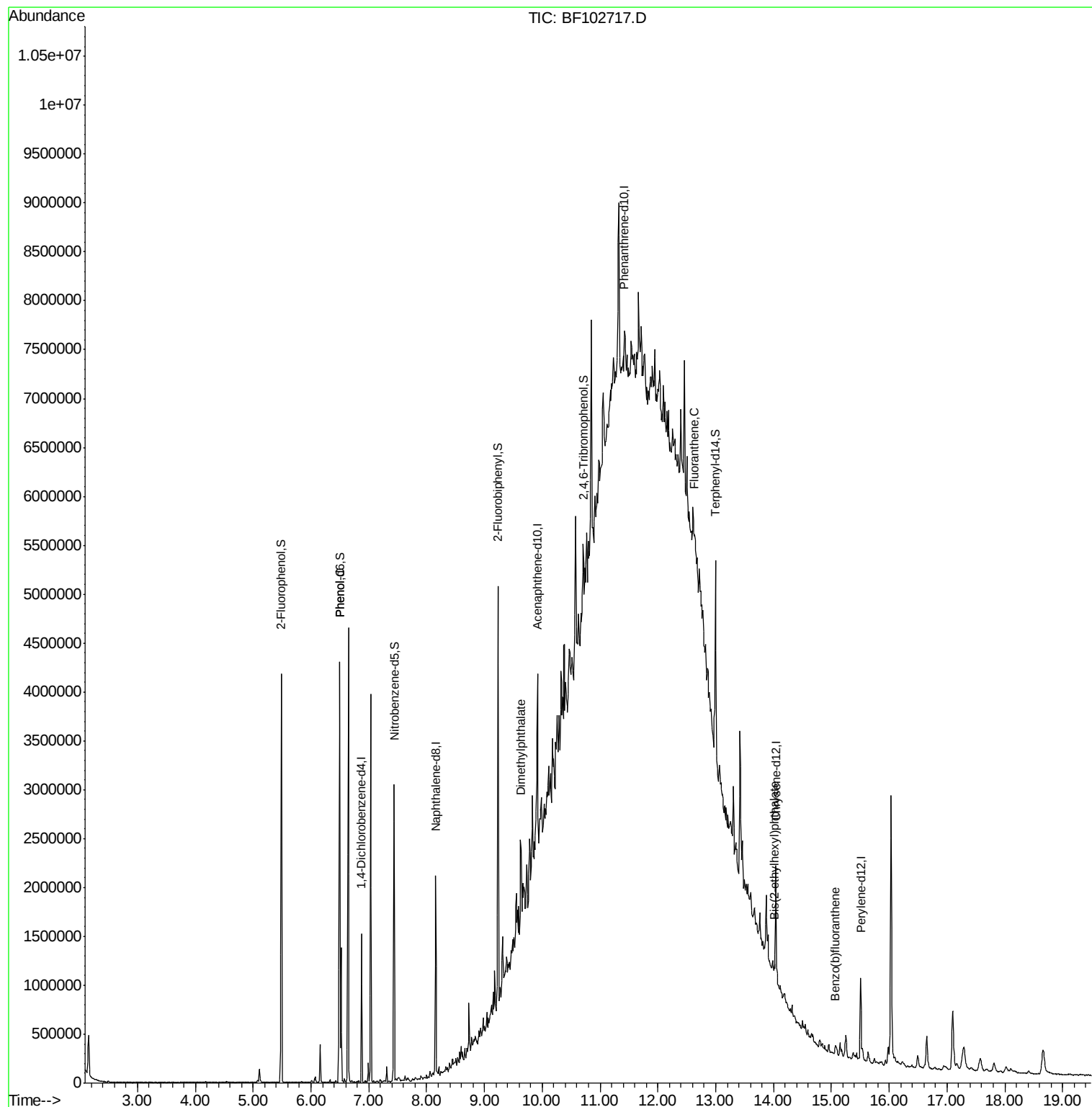
Data Path : U:\HPCHEM1\BNA F\DATA\BF020318\
Data File : BF102717.D
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Operator : SJ/JU
Sample : J1410-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

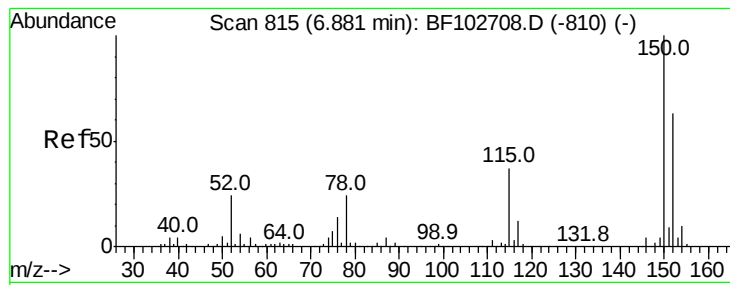
Instrument :
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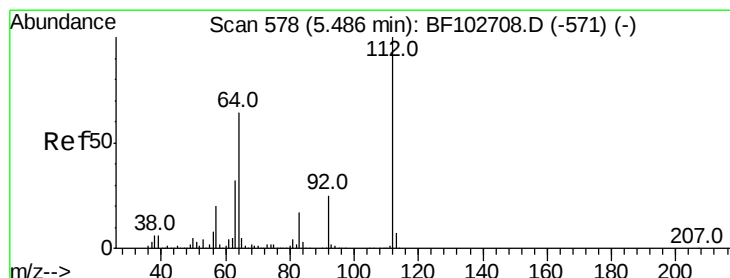
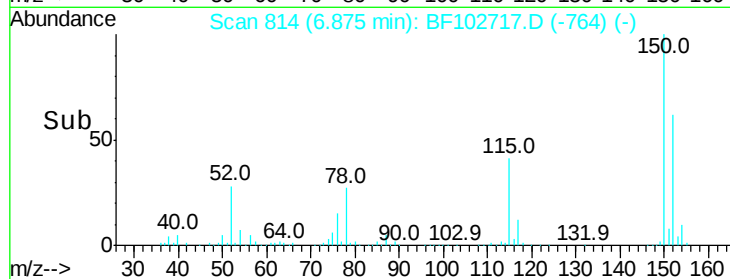
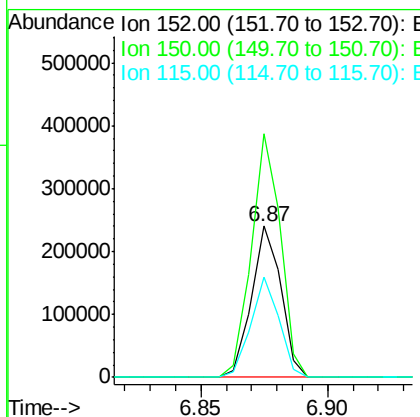
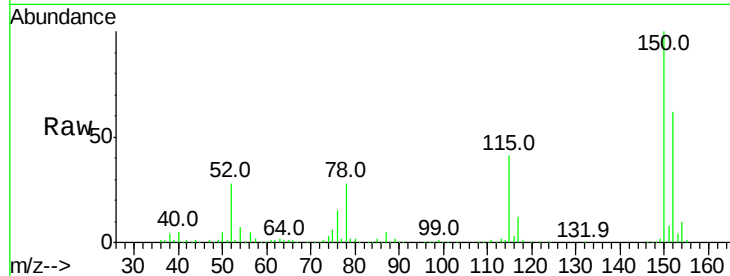
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.87 min Scan# 814
 Delta R.T. -0.01 min
 Lab File: BF102717.D
 Acq: 3 Feb 2018 15:21

Instrument :
 BNA_F
 ClientSampleId :
 RT-1495

Tot Ion	Ratio	Lower	Upper
152	100		
150	161.0	124.6	186.8
115	65.9	50.1	75.1

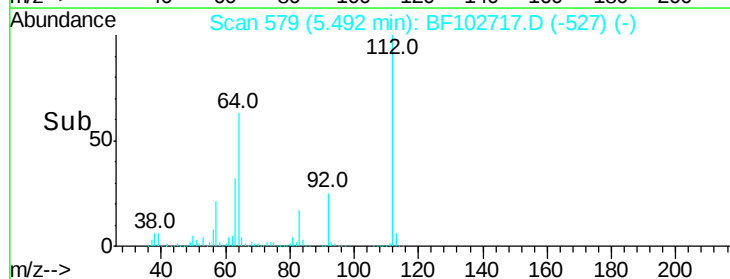
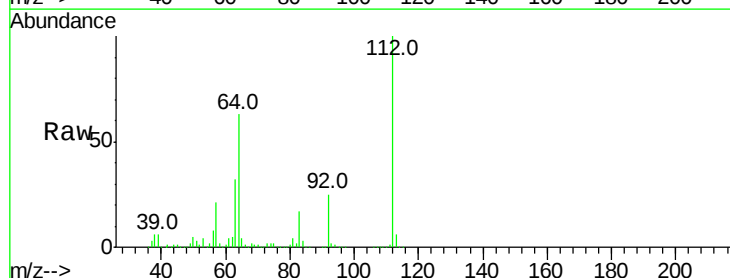
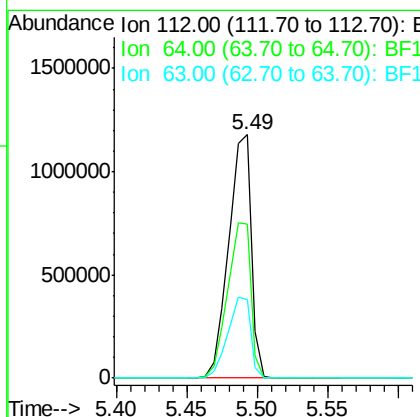
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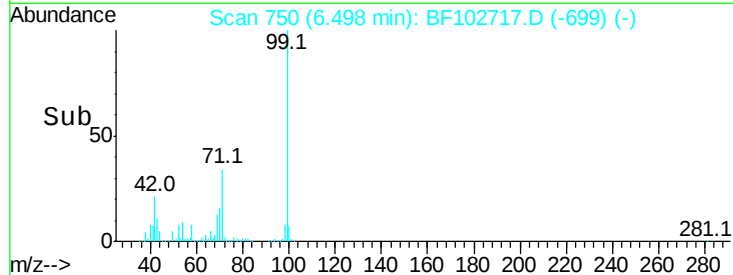
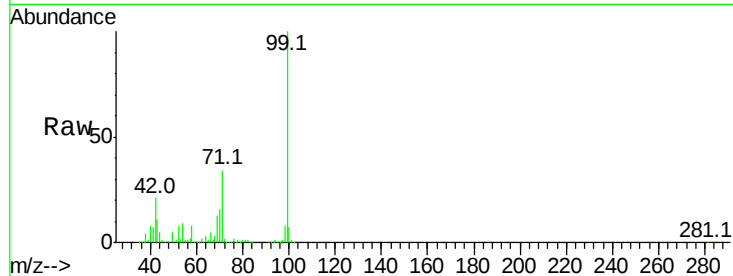
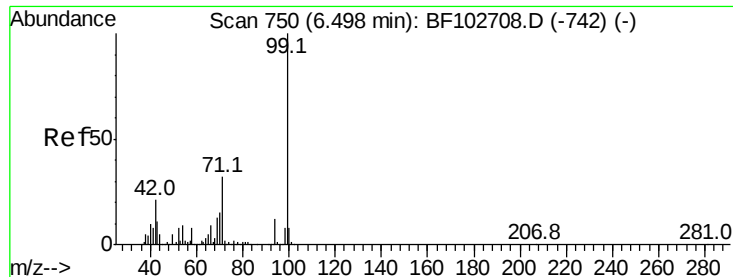
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#5
 2-Fluorophenol
 Concen: 102.482 ng
 RT: 5.49 min Scan# 579
 Delta R.T. 0.01 min
 Lab File: BF102717.D
 Acq: 3 Feb 2018 15:21

Tgt Ion	Ratio	Lower	Upper
112	100		
64	63.5	47.9	71.9
63	32.1	23.7	35.5





#7

Phenol-d6

Concen: 100.767 ng

RT: 6.50 min Scan# 750

Delta R.T. 0.00 min

Lab File: BF102717.D

Acq: 3 Feb 2018 15:21

Tot Ion:	99	Resp:	1554892
Ion	Ratio	Lower	Upper
99	100		
42	20.9	14.5	21.7
71	33.9	25.4	38.0

Instrument :

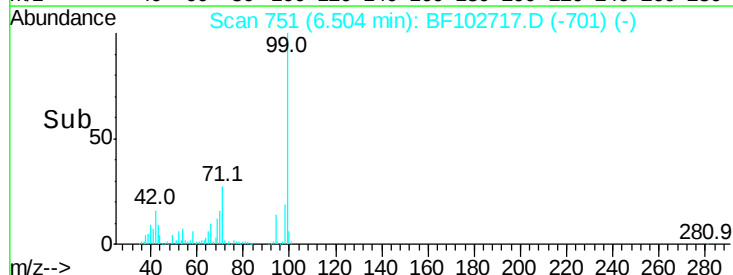
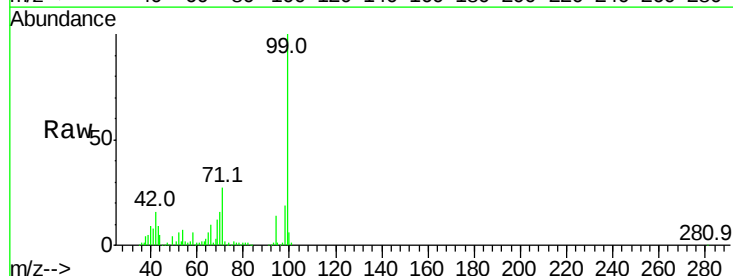
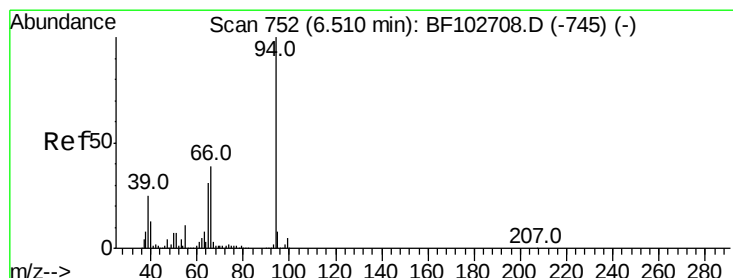
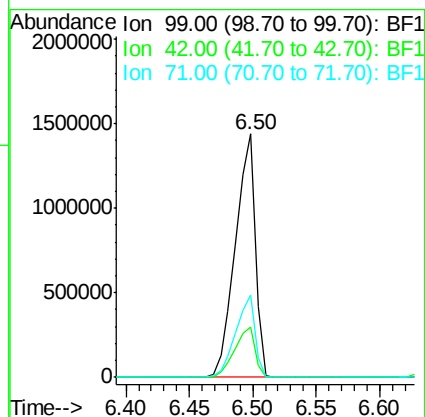
BNA_F

ClientSampleId :

RT-1495

Manual Integrations
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#10

Phenol

Concen: 4.714 ng

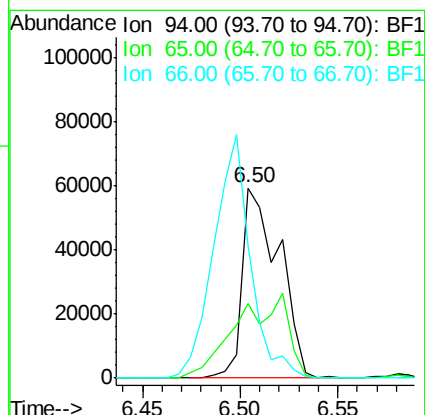
RT: 6.50 min Scan# 751

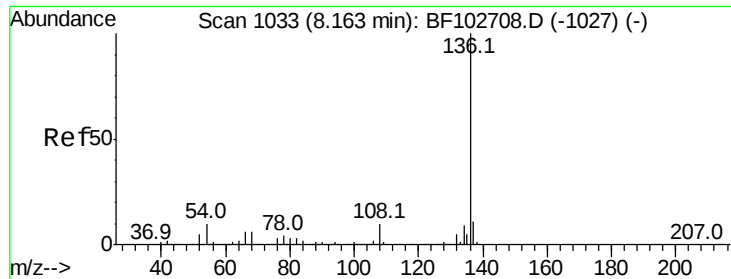
Delta R.T. -0.01 min

Lab File: BF102717.D

Acq: 3 Feb 2018 15:21

Tgt Ion:	94	Resp:	77962
Ion	Ratio	Lower	Upper
94	100		
65	39.3	7.9	47.9
66	69.4	16.2	56.2#





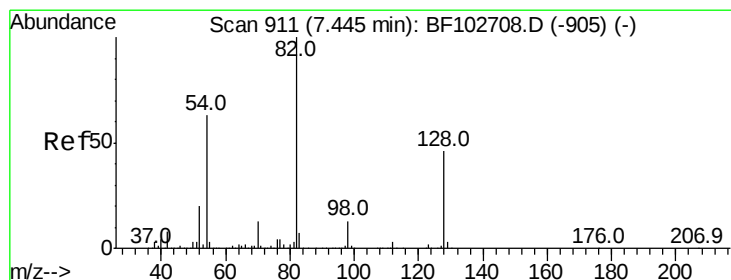
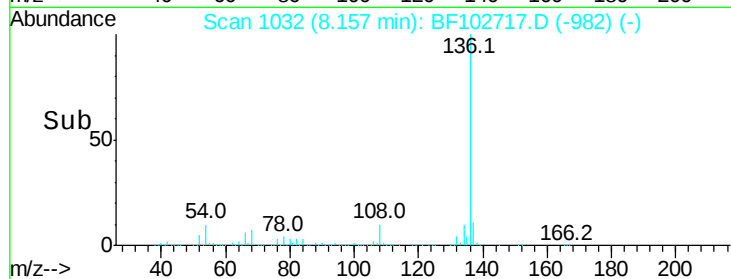
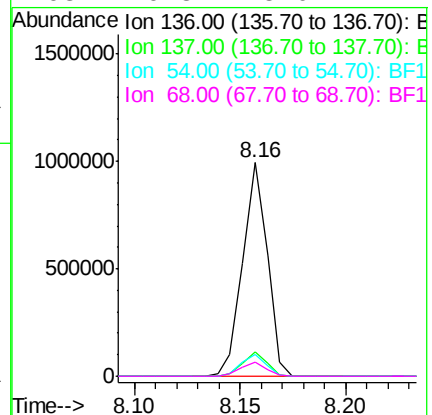
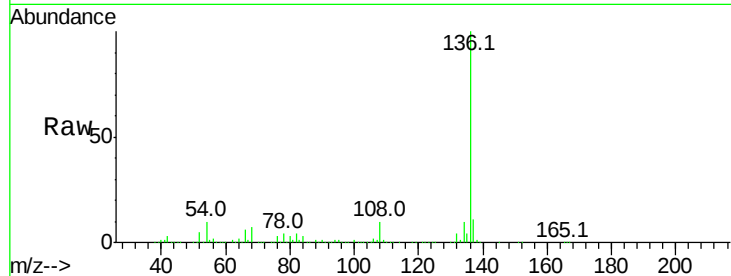
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1032
Delta R.T. -0.01 min
Lab File: BF102717.D
Acq: 3 Feb 2018 15:21

Instrument :
BNA_F
ClientSampled :
RT-1495

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.2	8.9	13.3	
54	10.3	6.6	9.8	
68	6.8	5.0	7.4	

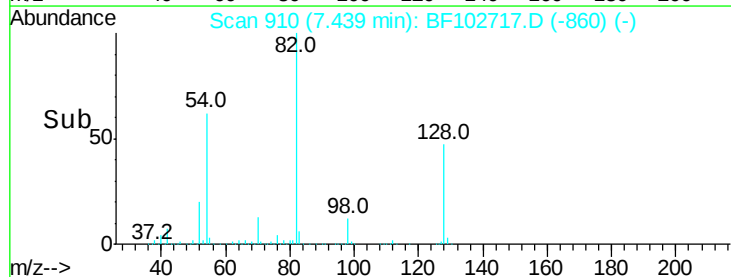
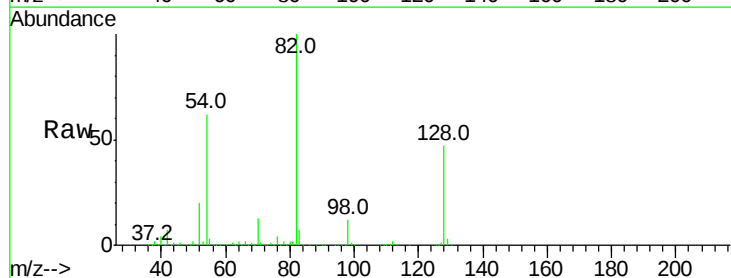
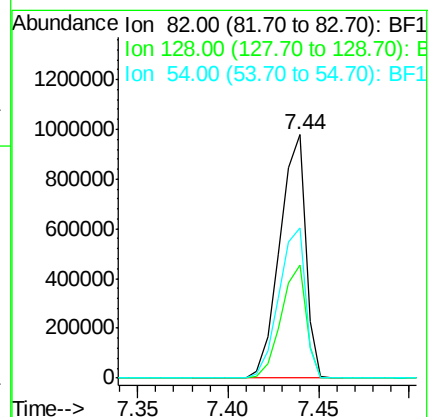
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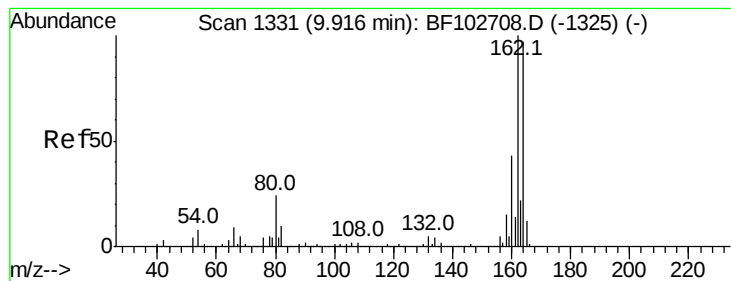
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#23
Nitrobenzene-d5
Concen: 84.006 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.01 min
Lab File: BF102717.D
Acq: 3 Feb 2018 15:21

Tgt Ion	Ratio	Resp	Lower	Upper
82	100			
128	46.7	36.1	54.1	
54	61.9	41.4	62.2	





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.92 min Scan# 1331

Delta R.T. 0.00 min

Lab File: BF102717.D

Acq: 3 Feb 2018 15:21

Instrument :

BNA_F

ClientSampleId :

RT-1495

Tot Ion:164 Resp: 303758

Ion Ratio Lower Upper

164 100

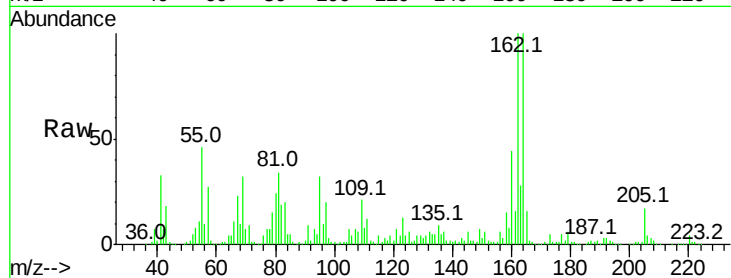
162 99.7 86.1 129.1

160 43.8 38.3 57.5

Manual Integrations
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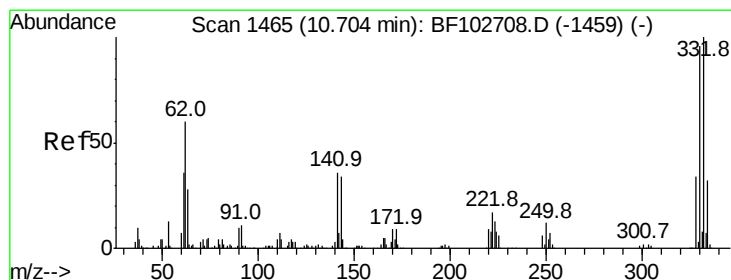
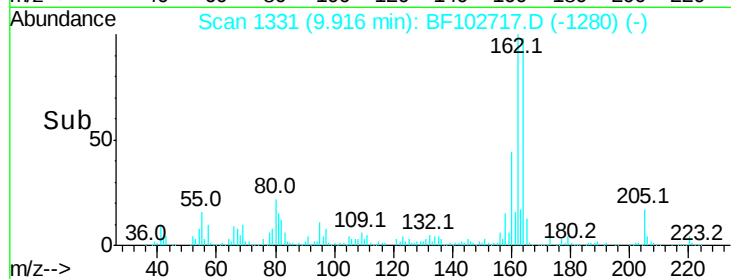
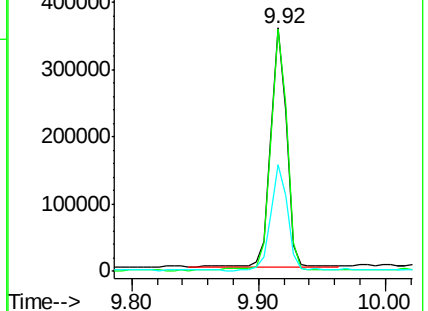
2/5/2018 11:05:16 AM



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: 96.462 ng

RT: 10.71 min Scan# 1466

Delta R.T. 0.01 min

Lab File: BF102717.D

Acq: 3 Feb 2018 15:21

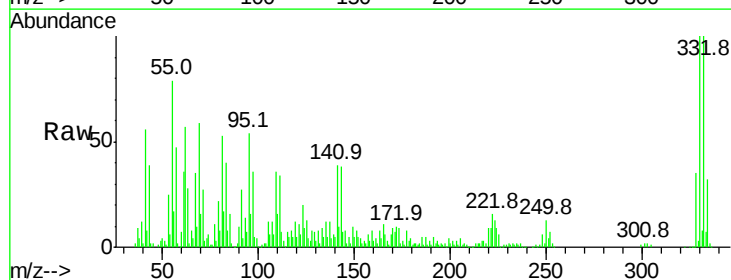
Tgt Ion:330 Resp: 235840

Ion Ratio Lower Upper

330 100

332 101.6 77.0 115.6

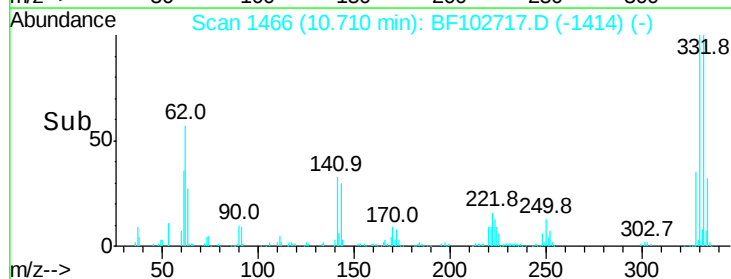
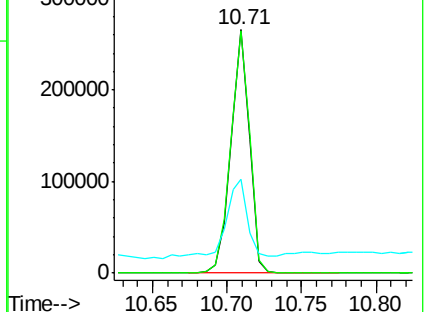
141 37.8 29.9 44.9

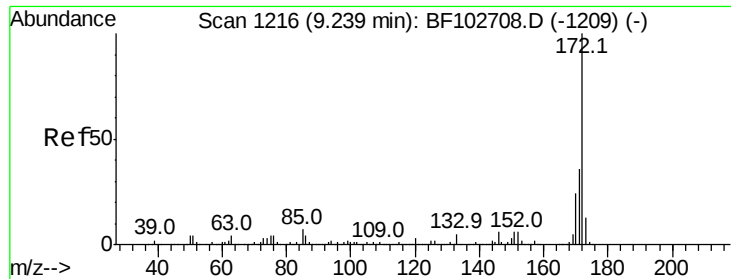


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





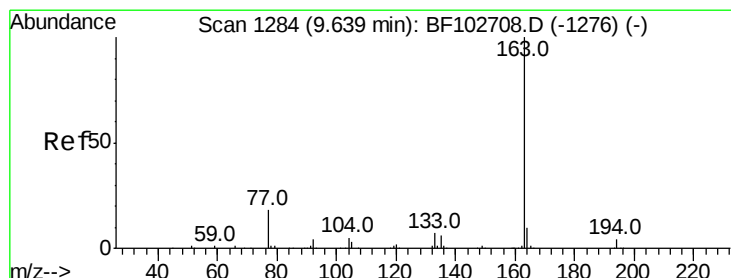
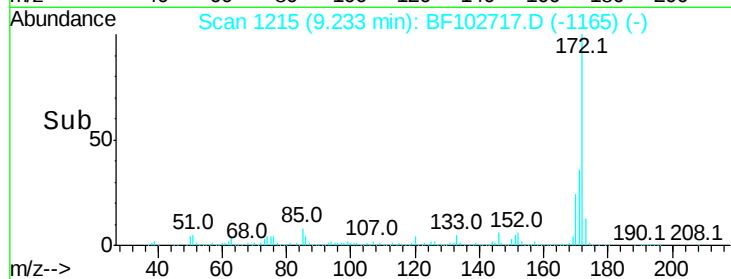
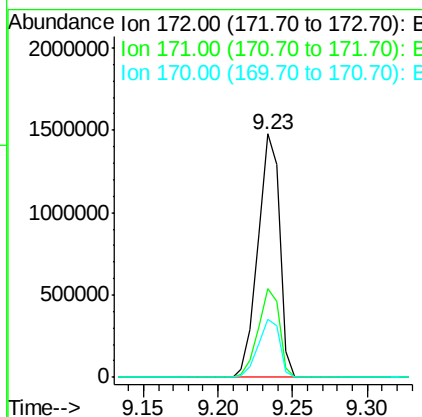
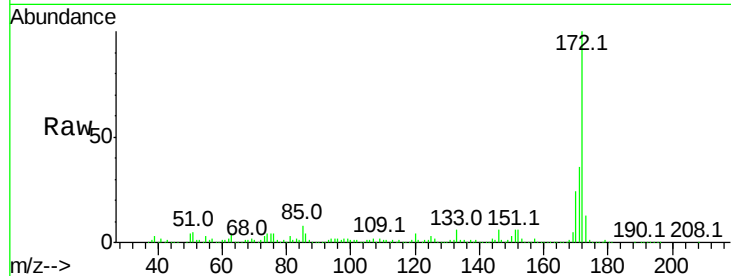
#44
2-Fluorobiphenyl
Concen: 79.757 ng
RT: 9.23 min Scan# 1215
Delta R.T. -0.01 min
Lab File: BF102717.D
Acq: 3 Feb 2018 15:21

Instrument :
BNA_F
ClientSampleId :
RT-1495

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.7	44.5
170	24.1	19.6	29.4

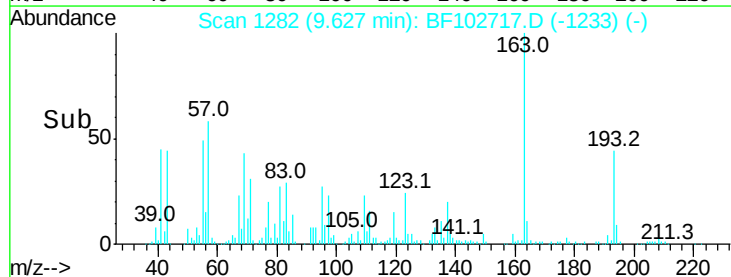
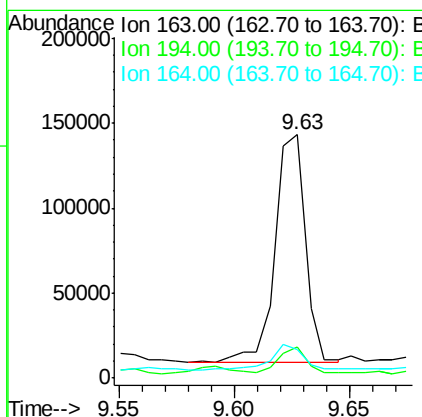
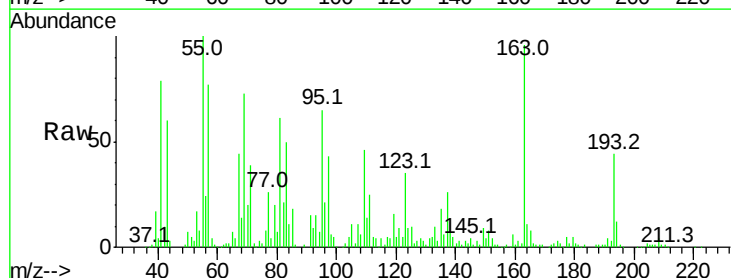
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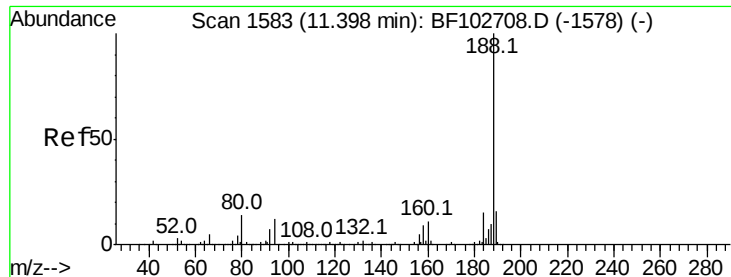
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#49
Dimethylphthalate
Concen: 5.153 ng
RT: 9.63 min Scan# 1282
Delta R.T. -0.01 min
Lab File: BF102717.D
Acq: 3 Feb 2018 15:21

Tgt Ion	Ratio	Lower	Upper
163	100		
194	12.7	2.7	4.1#
164	11.6	8.2	12.2





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.42 min Scan# 1586

Delta R.T. 0.02 min

Lab File: BF102717.D

Acq: 3 Feb 2018 15:21

Instrument :

BNA_F

ClientSampleId :

RT-1495

Tot Ion:188 Resp: 281168

Ion Ratio Lower Upper

188 100

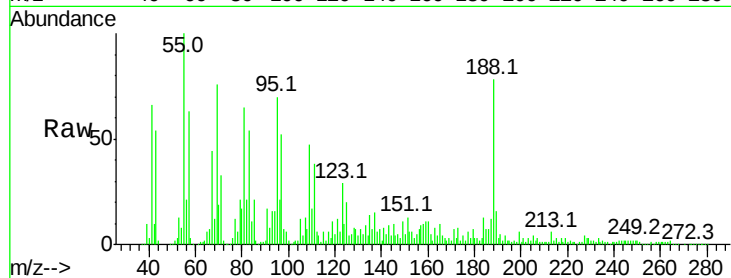
94 21.0 8.5 12.7#

80 21.8 9.2 13.8#

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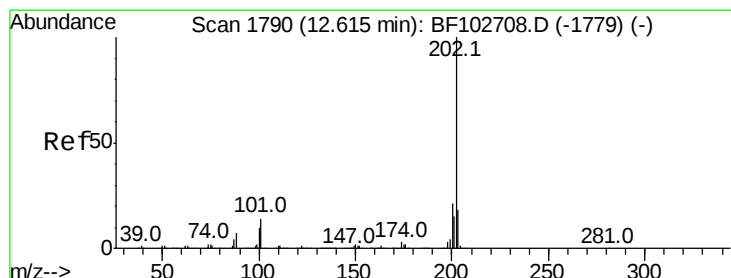
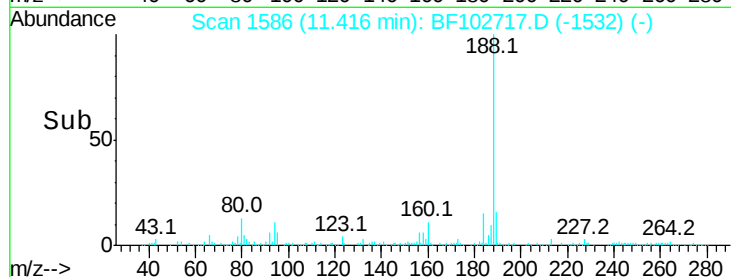
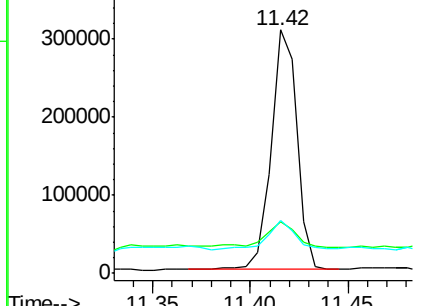
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Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#74

Fluoranthene

Concen: 2.501 ng

RT: 12.63 min Scan# 1793

Delta R.T. 0.02 min

Lab File: BF102717.D

Acq: 3 Feb 2018 15:21

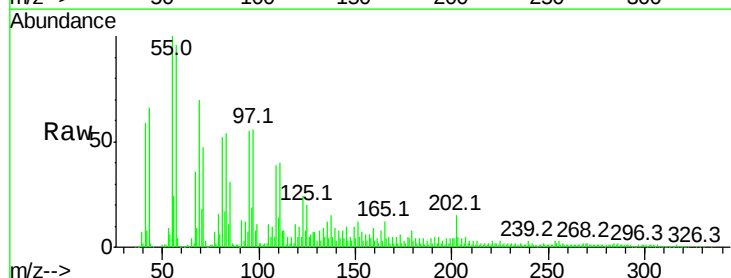
Tgt Ion:202 Resp: 39409

Ion Ratio Lower Upper

202 100

101 15.6 0.0 34.1

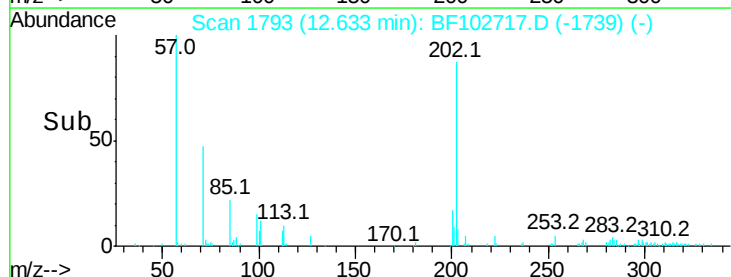
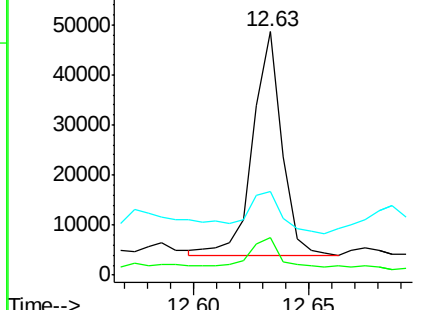
203 34.6 0.0 38.1

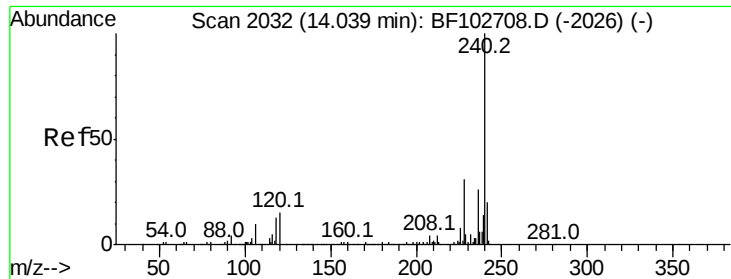


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.04 min Scan# 2032

Delta R.T. 0.00 min

Lab File: BF102717.D

Acq: 3 Feb 2018 15:21

Instrument :

BNA_F

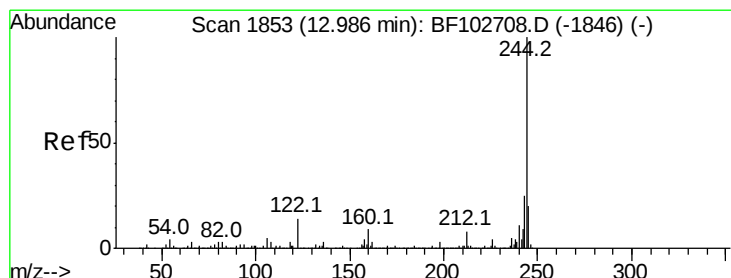
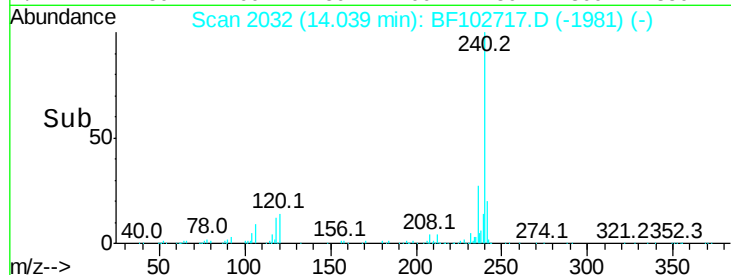
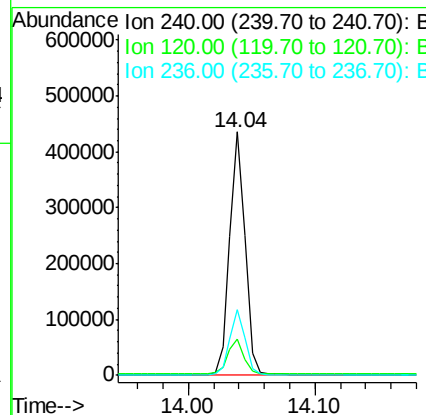
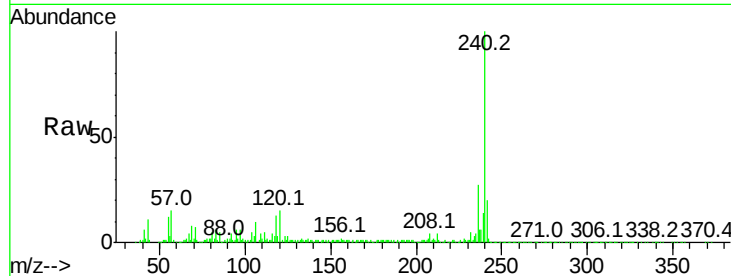
ClientSampled :

RT-1495

Tot Ion:	240	Resp:	369742
Ion Ratio	Lower	Upper	
240	100		
120	15.0	9.5	14.3#
236	27.0	20.7	31.1

Manual Integrations
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#78

Terphenyl-d14

Concen: 56.463 ng

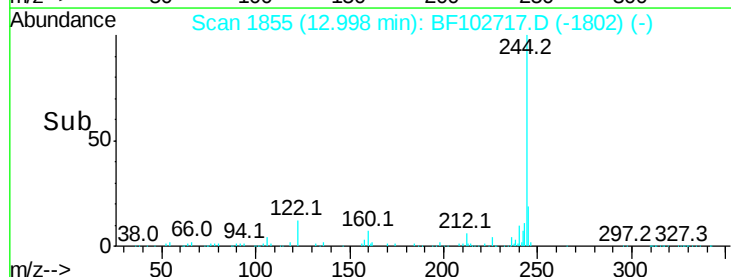
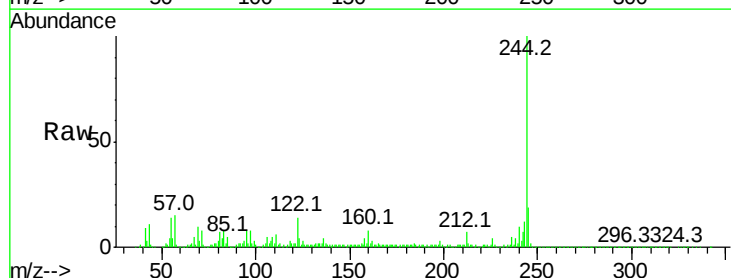
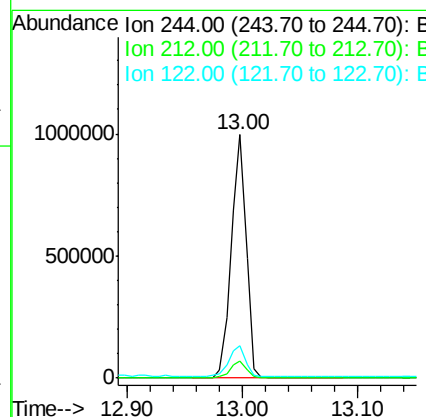
RT: 13.00 min Scan# 1855

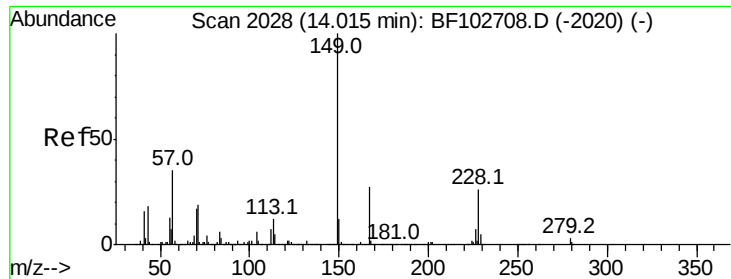
Delta R.T. 0.01 min

Lab File: BF102717.D

Acq: 3 Feb 2018 15:21

Tgt Ion:	244	Resp:	881703
Ion Ratio	Lower	Upper	
244	100		
212	6.9	5.4	8.0
122	13.5	11.0	16.4





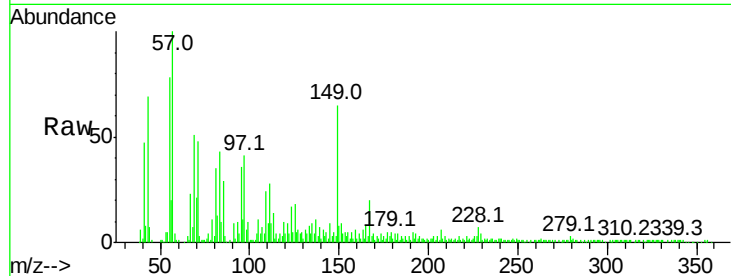
#83
Bis(2-ethylhexyl)phthalate
Concen: 2.287 ng
RT: 14.02 min Scan# 2028
Delta R.T. 0.00 min
Lab File: BF102717.D
Acq: 3 Feb 2018 15:21

Instrument :
BNA_F
ClientSampleId :
RT-1495

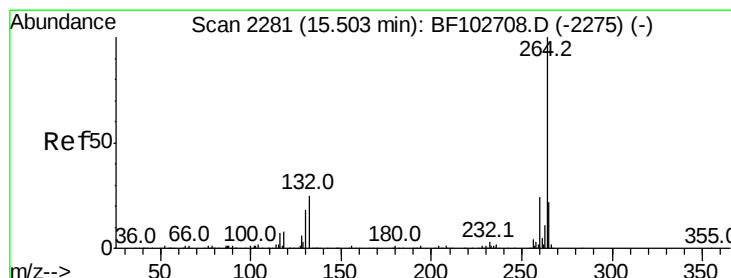
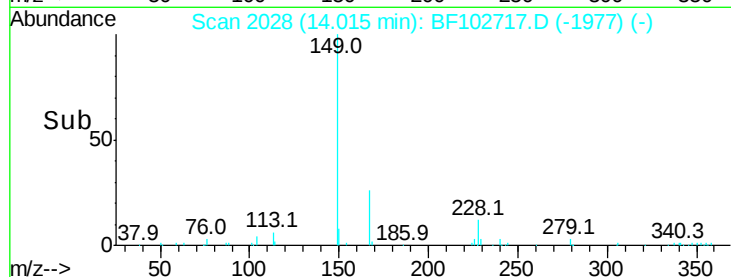
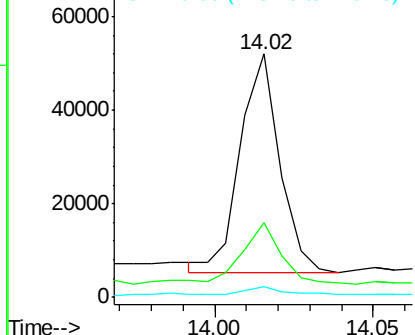
Tot Ion	Ratio	Lower	Upper
149	100		
167	30.9	21.3	31.9
279	4.3	3.0	4.4

Manual Integrations
APPROVED

Sohil
2/5/2018 11:05:16 AM

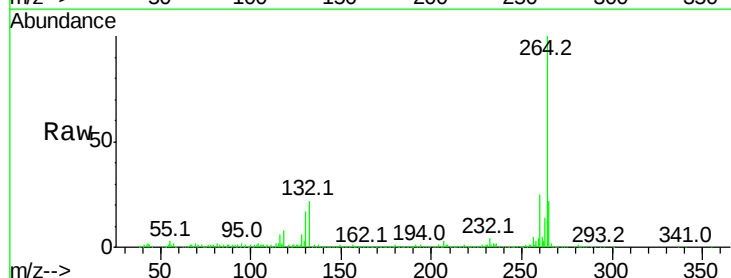


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E

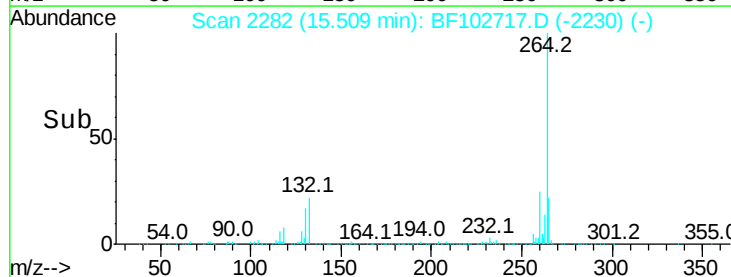
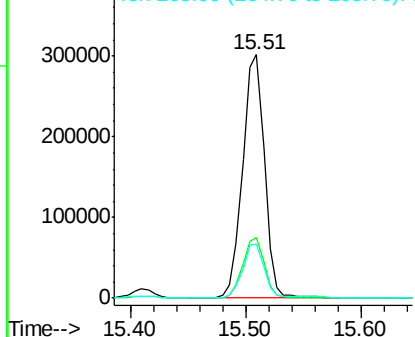


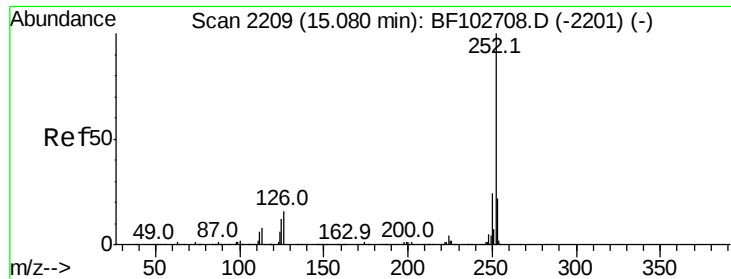
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.51 min Scan# 2282
Delta R.T. 0.01 min
Lab File: BF102717.D
Acq: 3 Feb 2018 15:21

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.9	19.2	28.8
265	22.5	17.5	26.3



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





#87

Benzo(b)fluoranthene

Concen: 2.126 ng m

RT: 15.07 min Scan# 2207

Delta R.T. -0.01 min

Lab File: BF102717.D

Acq: 3 Feb 2018 15:21

Instrument :
BNA_F
ClientSampleId :
RT-1495

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.7	17.0	25.6
125	21.6	9.0	13.6

Manual Integrations
APPROVED

Sohil
2/5/2018 11:05:16 AM

