

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF121417\
 Data File : BF101430.D
 Acq On : 15 Dec 2017 8:18
 Operator : SJ/JU
 Sample : I6830-01
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MAP-3-E(12-13)

Manual Integrations
 APPROVED

Sohil
 12/15/2017 6:45:17 PM

Quant Time: Dec 15 14:42:04 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 14 15:42:32 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	157191	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	576103	20.00	ng	0.00
38) Acenaphthene-d10	9.86	164	249962	20.00	ng	0.00
63) Phenanthrene-d10	11.35	188	443391	20.00	ng	0.00
75) Chrysene-d12	13.99	240	331843	20.00	ng	-0.01
86) Perylene-d12	15.46	264	328220	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	916012	86.80	ng	0.00
7) Phenol-d6	6.45	99	1068620	81.37	ng	0.00
23) Nitrobenzene-d5	7.39	82	602418	58.21	ng	0.00
41) 2,4,6-Tribromophenol	10.66	330	158048	65.62	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	927456	57.56	ng	0.00
78) Terphenyl-d14	12.93	244	781572	56.78	ng	0.00
Target Compounds						
10) Phenol	6.46	94	92746	6.196	ng	84
37) 2-Methylnaphthalene	8.82	142	86635	4.585	ng	# 95
45) 1,1'-Biphenyl	9.28	154	164084	7.402	ng	98
49) Dimethylphthalate	9.57	163	59307	2.950	ng	# 64
51) Acenaphthene	9.89	154	44661	2.775	ng	# 59
57) Fluorene	10.41	166	108198	6.253	ng	# 89
70) Phenanthrene	11.37	178	343123	13.915	ng	97

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

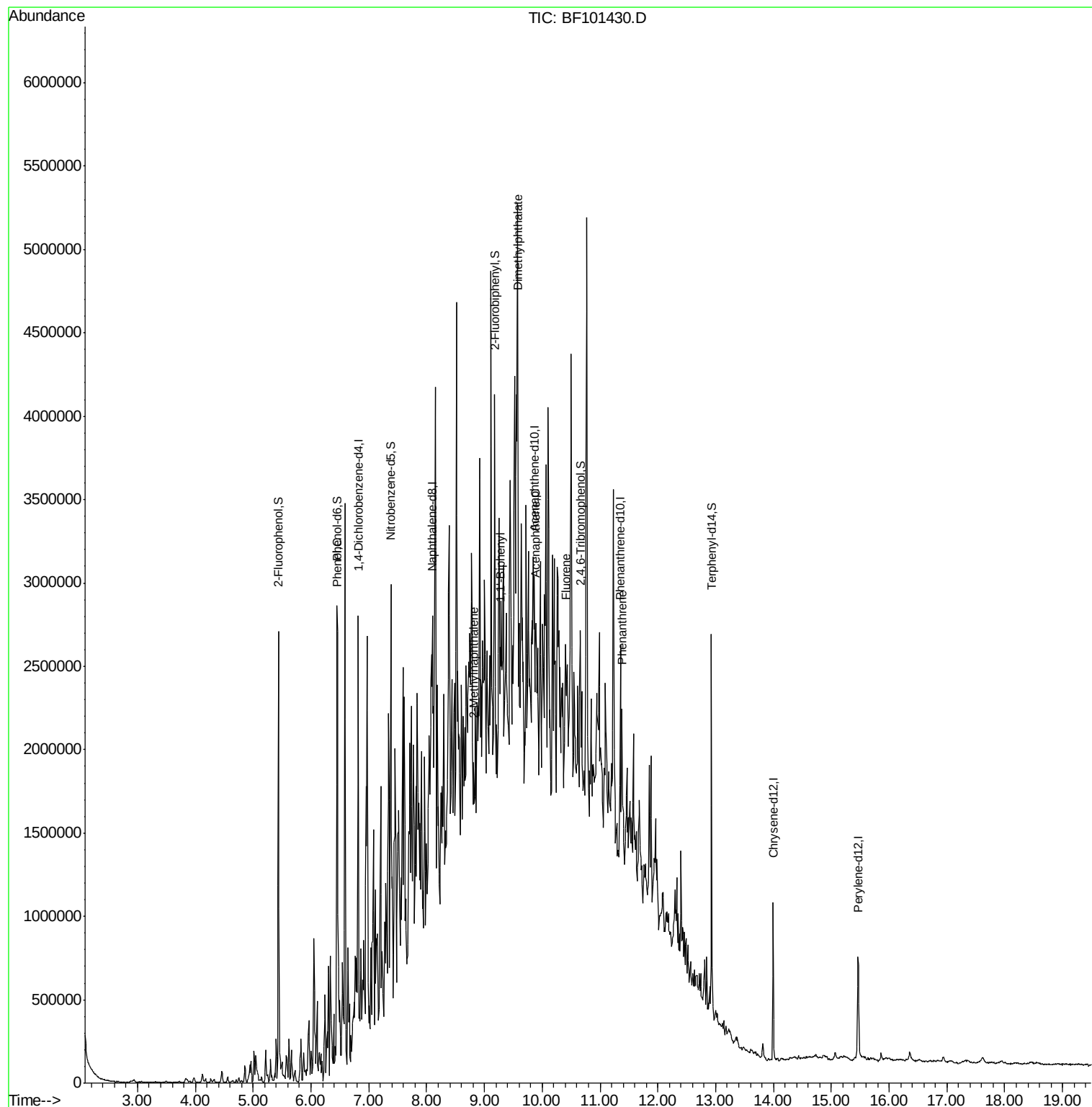
Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF121417\
Data File : BF101430.D
Acq On : 15 Dec 2017 8:18
Operator : SJ/JU
Sample : I6830-01
Misc :
ALS Vial : 33 Sample Multiplier: 1

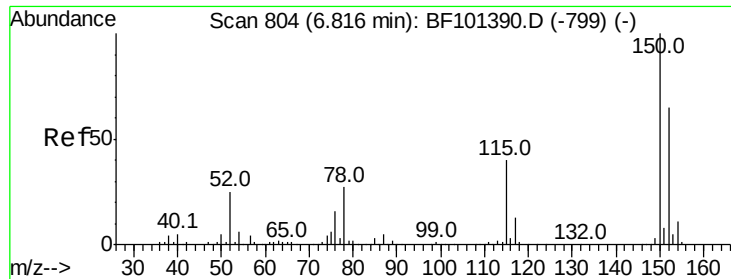
Instrument :
BNA_F
ClientSampleId :
MAP-3-E(12-13)

Manual Integrations
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Quant Time: Dec 15 14:42:04 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 14 15:42:32 2017
Response via : Initial Calibration





#1

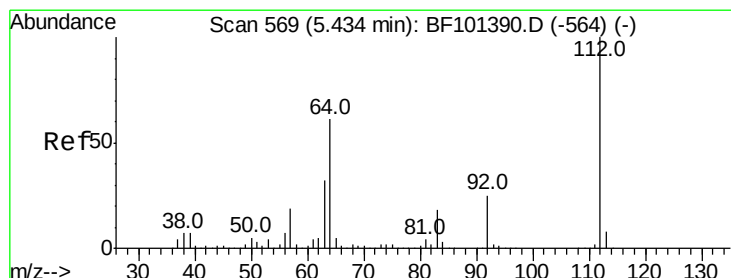
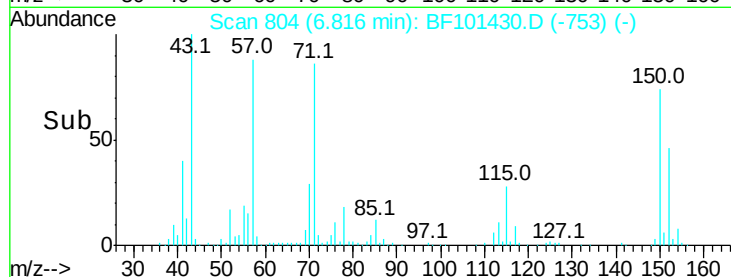
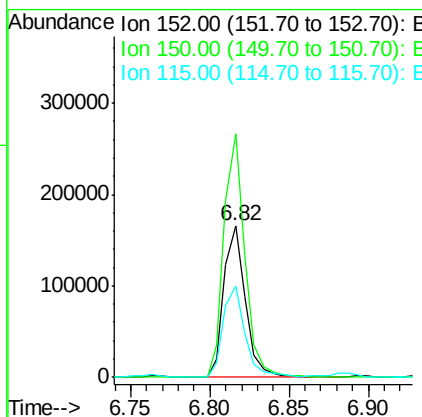
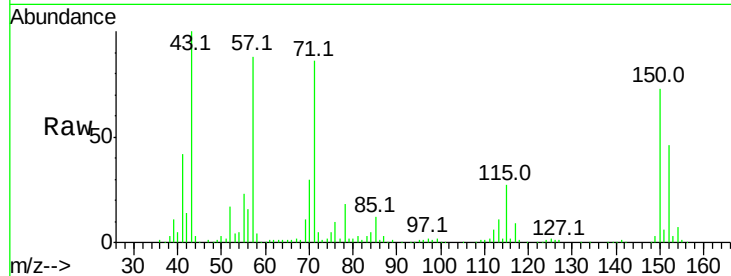
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 804
Delta R.T. 0.00 min
Lab File: BF101430.D
Acq: 15 Dec 2017 8:18

Instrument :
BNA_F
ClientSampleId :
MAP-3-E(12-13)

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.1	124.6	186.8
115	59.8	50.1	75.1

Manual Integrations
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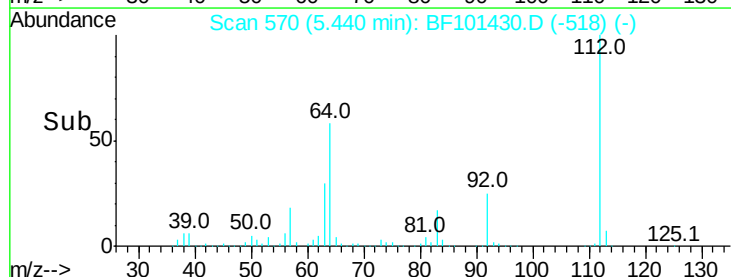
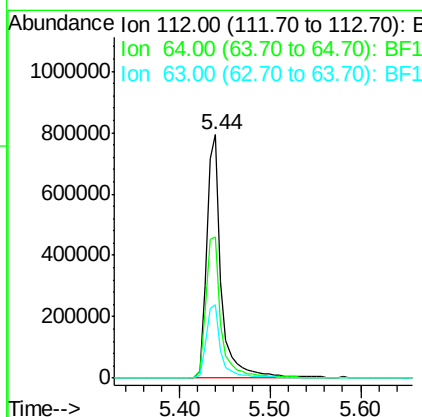
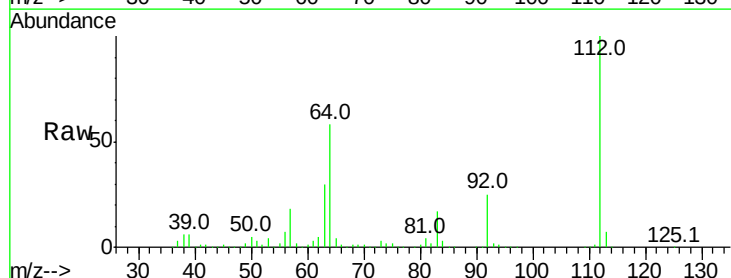
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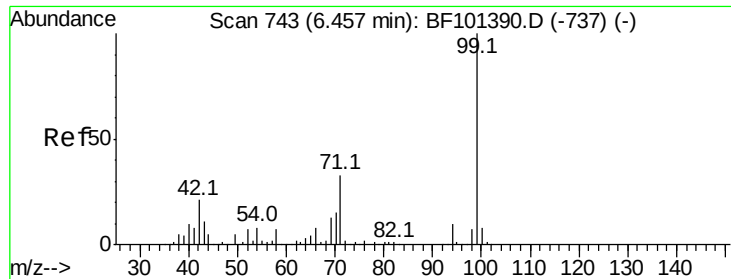


#5

2-Fluorophenol
Concen: 86.803 ng
RT: 5.44 min Scan# 570
Delta R.T. 0.01 min
Lab File: BF101430.D
Acq: 15 Dec 2017 8:18

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.0	47.9	71.9
63	29.9	23.7	35.5





#7

Phenol-d6

Concen: 81.367 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.01 min

Lab File: BF101430.D

Acq: 15 Dec 2017 8:18

Instrument :

BNA_F

ClientSampleId :

MAP-3-E(12-13)

Tot Ion: 99 Resp: 1068620

Ion Ratio Lower Upper

99 100

42 21.5 14.5 21.7

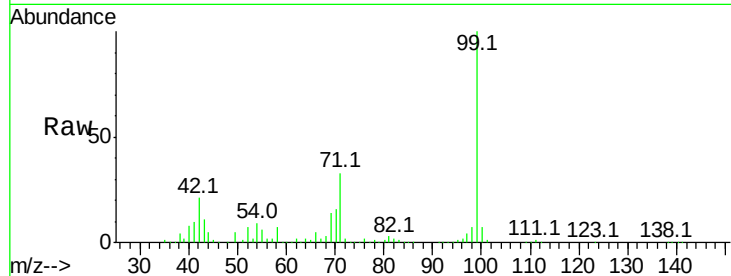
71 33.0 25.4 38.0

Manual Integrations

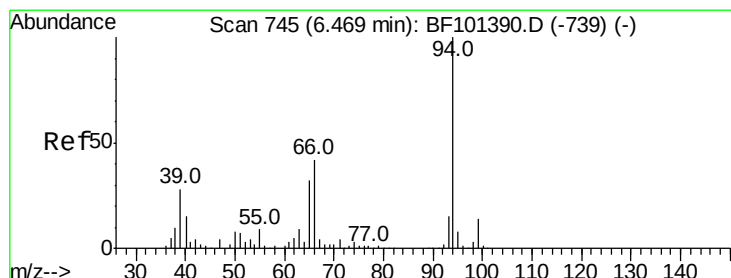
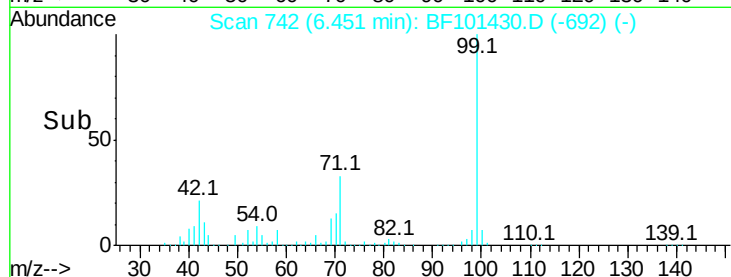
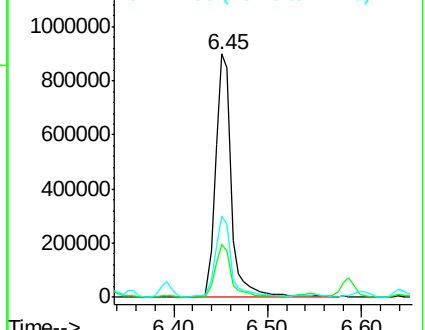
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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#10

Phenol

Concen: 6.196 ng

RT: 6.46 min Scan# 744

Delta R.T. -0.01 min

Lab File: BF101430.D

Acq: 15 Dec 2017 8:18

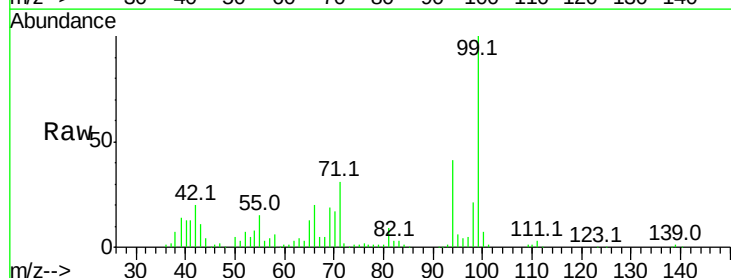
Tgt Ion: 94 Resp: 92746

Ion Ratio Lower Upper

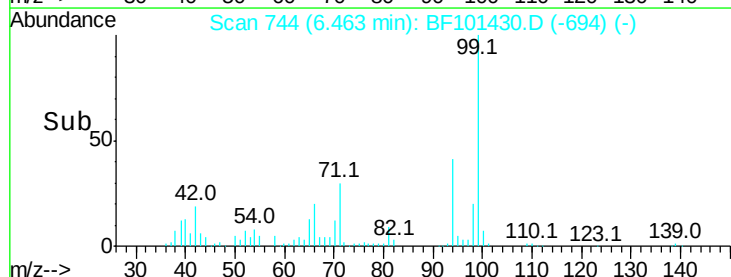
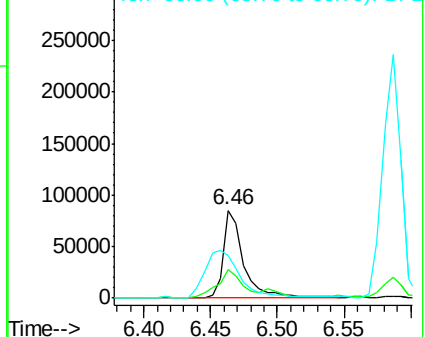
94 100

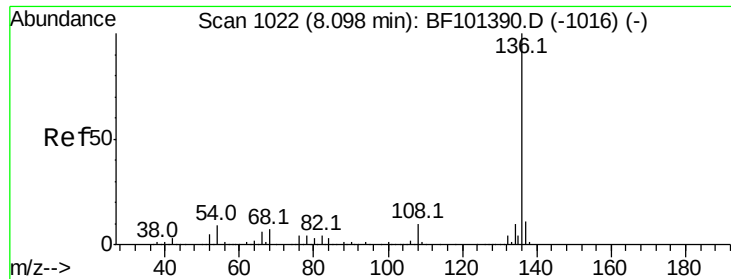
65 32.7 7.9 47.9

66 48.9 16.2 56.2



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





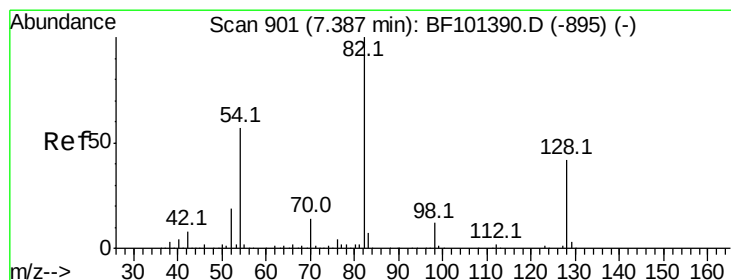
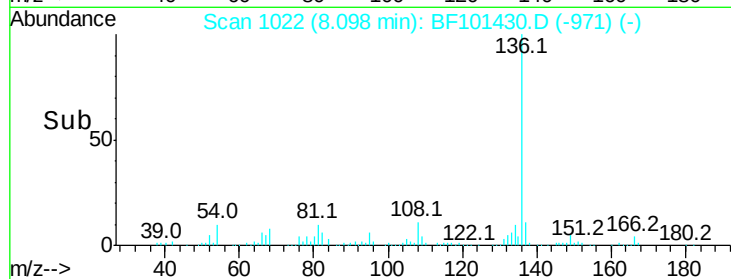
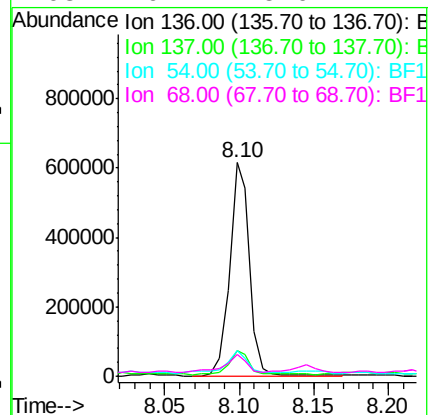
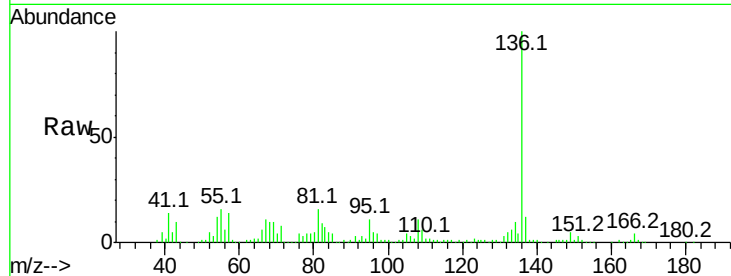
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1022
Delta R.T. 0.00 min
Lab File: BF101430.D
Acq: 15 Dec 2017 8:18

Instrument :
BNA_F
ClientSampleId :
MAP-3-E(12-13)

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	12.0	8.9	13.3	
54	11.7	6.6	9.8	
68	10.1	5.0	7.4	

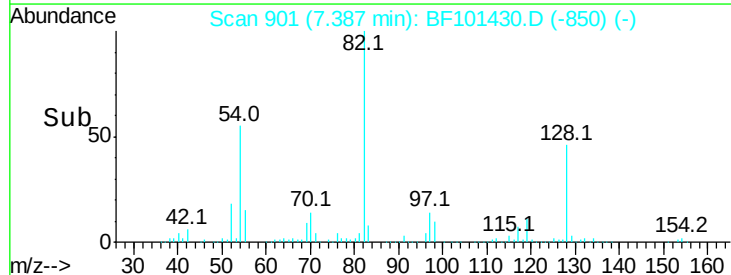
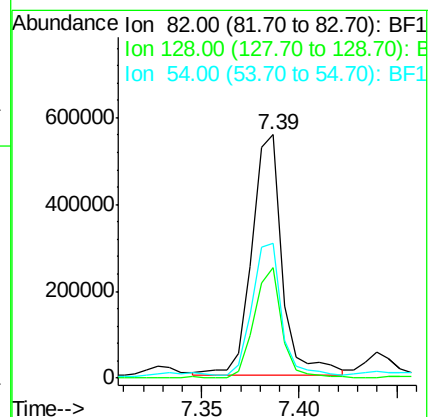
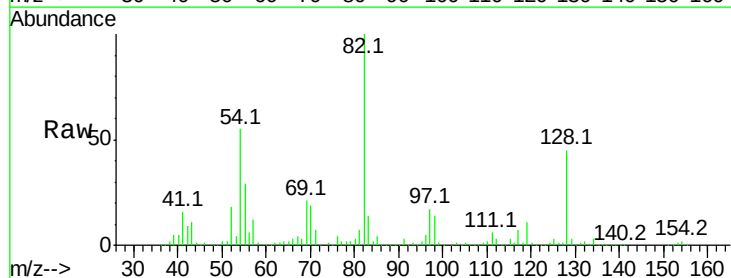
Manual Integrations
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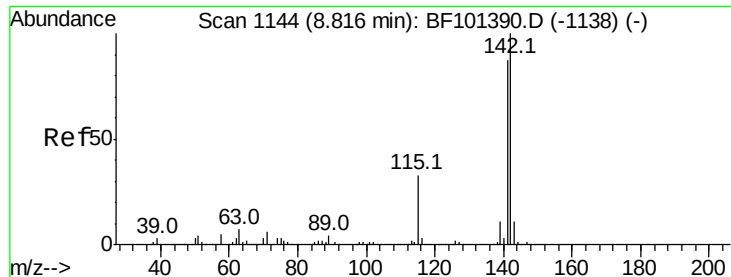
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#23
Nitrobenzene-d5
Concen: 58.208 ng
RT: 7.39 min Scan# 901
Delta R.T. 0.00 min
Lab File: BF101430.D
Acq: 15 Dec 2017 8:18

Tgt Ion	Ratio	Resp	Lower	Upper
82	100			
128	45.1	36.1	54.1	
54	55.1	41.4	62.2	





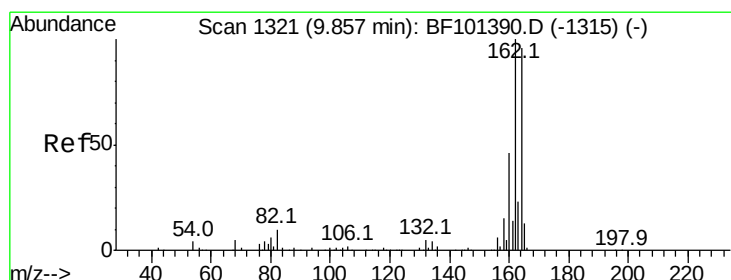
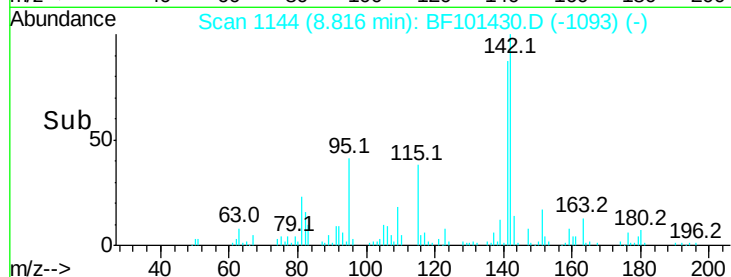
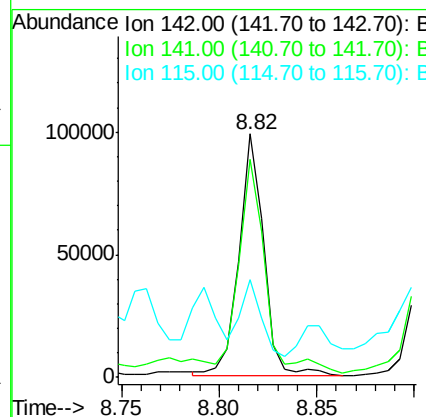
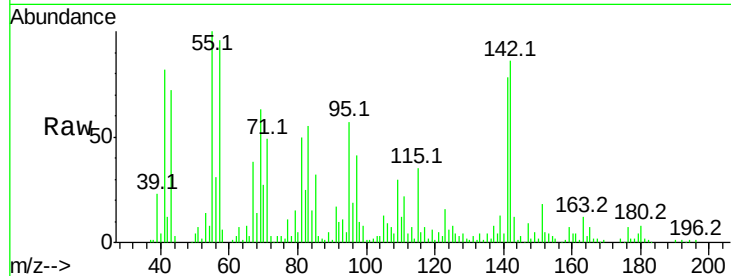
#37
2-Methylnaphthalene
Concen: 4.585 ng
RT: 8.82 min Scan# 1144
Delta R.T. 0.00 min
Lab File: BF101430.D
Acq: 15 Dec 2017 8:18

Instrument :
BNA_F
ClientSampled :
MAP-3-E(12-13)

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.8	70.8	106.2
115	40.2	26.1	39.1#

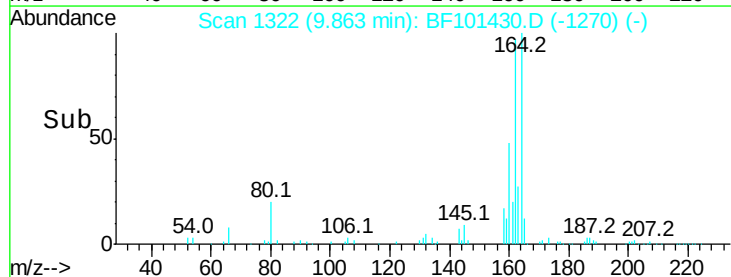
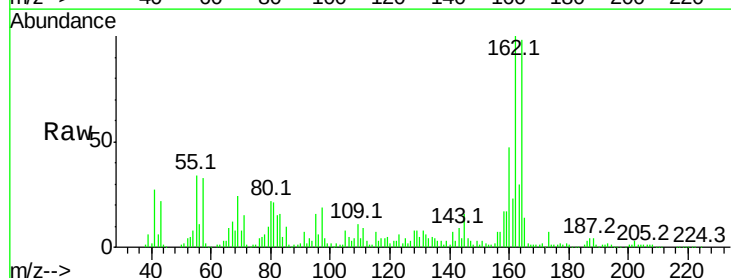
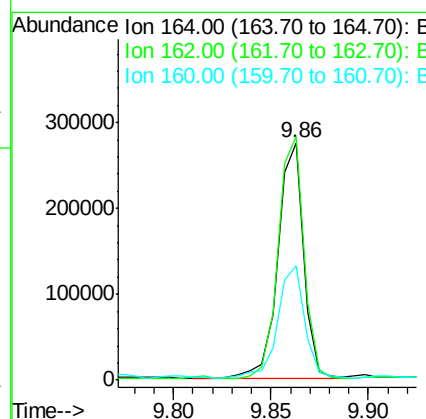
Manual Integrations
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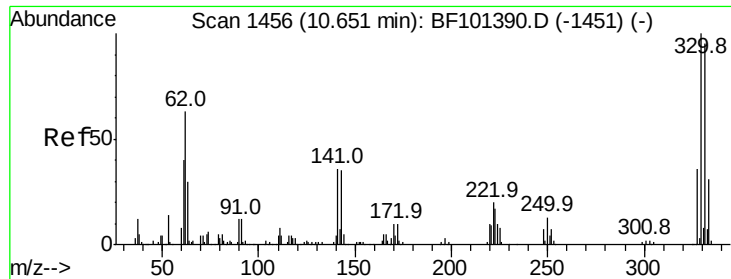
Sohil
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.86 min Scan# 1322
Delta R.T. 0.01 min
Lab File: BF101430.D
Acq: 15 Dec 2017 8:18

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.5	86.1	129.1
160	48.3	38.3	57.5





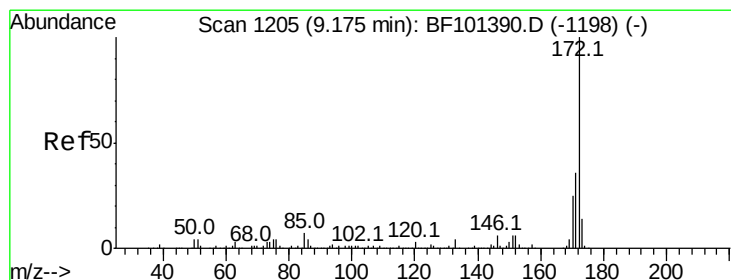
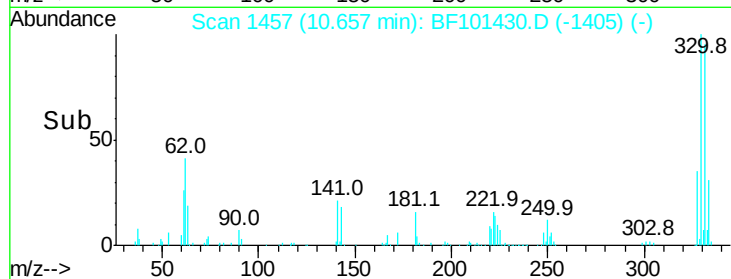
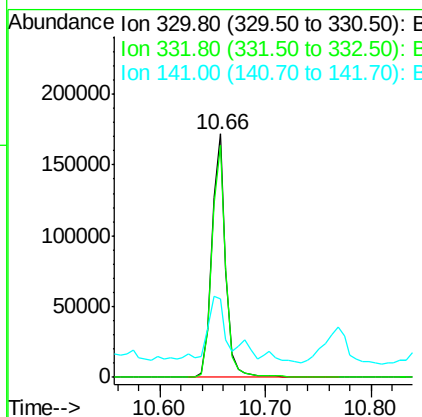
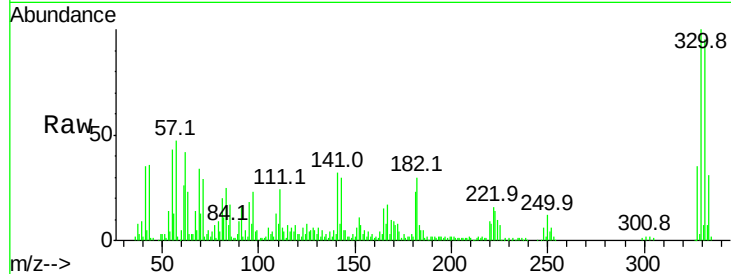
#41
 2,4,6-Tribromophenol
 Concen: 65.619 ng
 RT: 10.66 min Scan# 1457
 Delta R.T. 0.01 min
 Lab File: BF101430.D
 Acq: 15 Dec 2017 8:18

Instrument :
 BNA_F
 ClientSampleId :
 MAP-3-E(12-13)

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	96.5	77.0	115.6	
141	29.6	29.9	44.9	

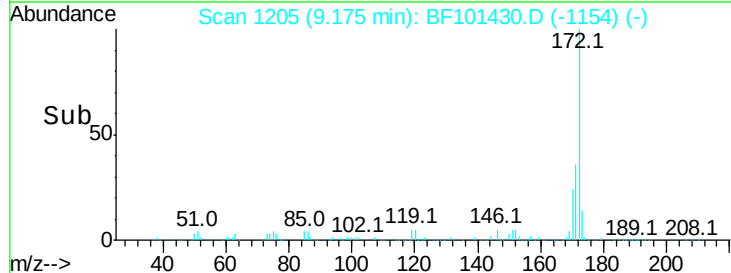
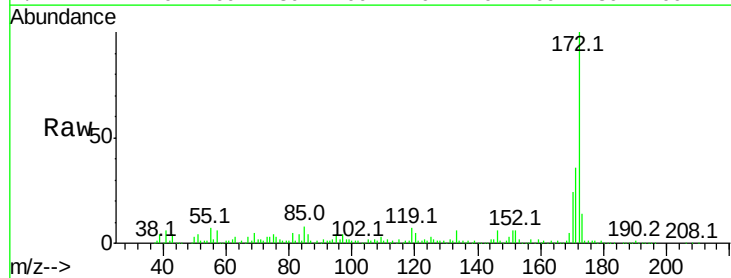
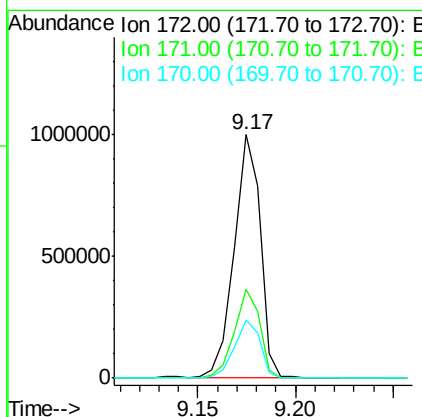
Manual Integrations
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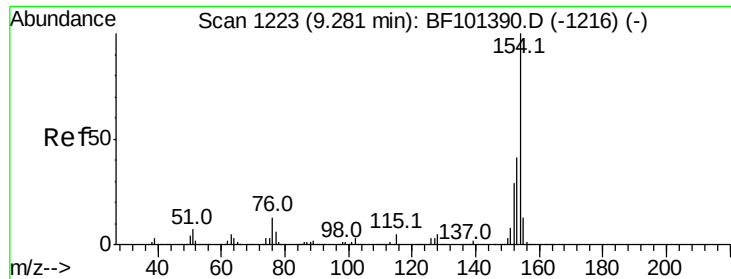
Sohil
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#44
 2-Fluorobiphenyl
 Concen: 57.557 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. 0.00 min
 Lab File: BF101430.D
 Acq: 15 Dec 2017 8:18

Tgt Ion	Ratio	Resp	Lower	Upper
172	100			
171	36.5	29.7	44.5	
170	24.1	19.6	29.4	





#45

1,1'-Biphenyl

Concen: 7.402 ng

RT: 9.28 min Scan# 1223

Delta R.T. 0.00 min

Lab File: BF101430.D

Acq: 15 Dec 2017 8:18

Instrument :

BNA_F

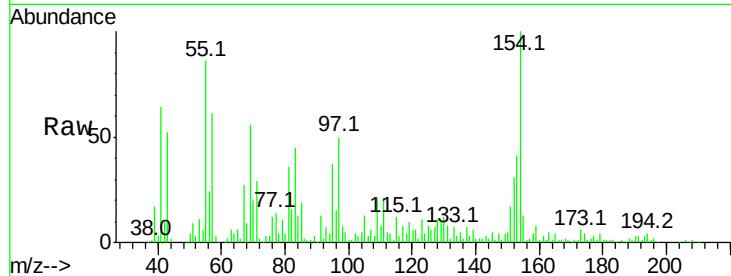
ClientSampleId :

MAP-3-E(12-13)

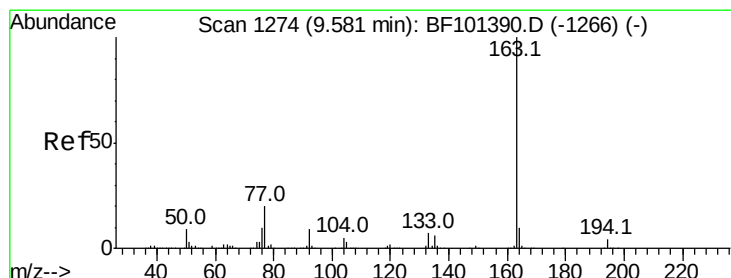
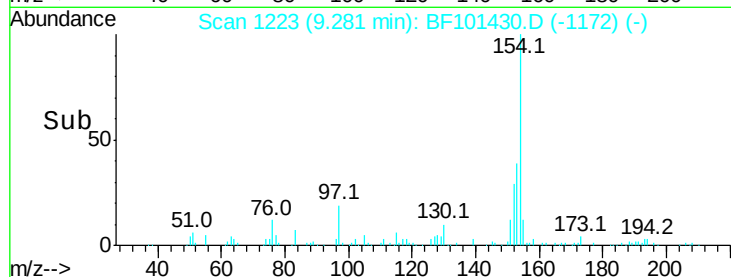
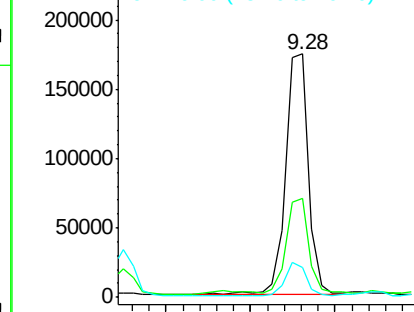
Tot Ion:	154	Resp:	164084
Ion Ratio	Lower	Upper	
154	100		
153	40.7	21.3	61.3
76	12.4	0.0	34.0

Manual Integrations
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Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1



#49

Dimethylphthalate

Concen: 2.950 ng

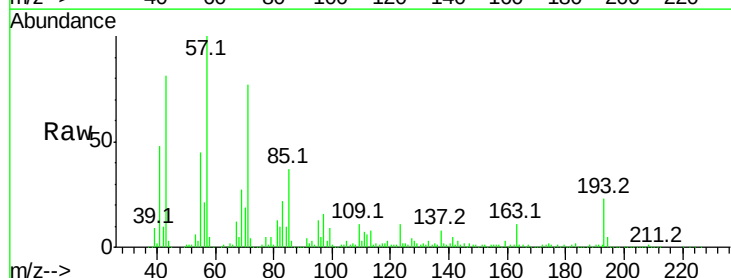
RT: 9.57 min Scan# 1272

Delta R.T. -0.01 min

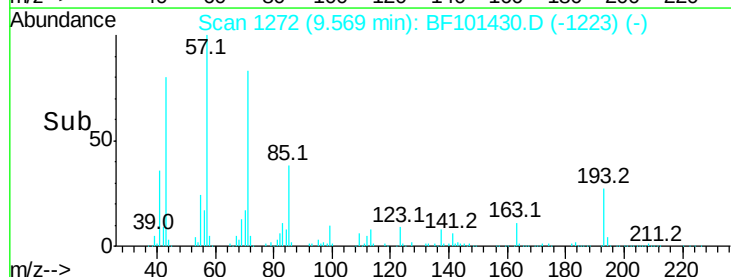
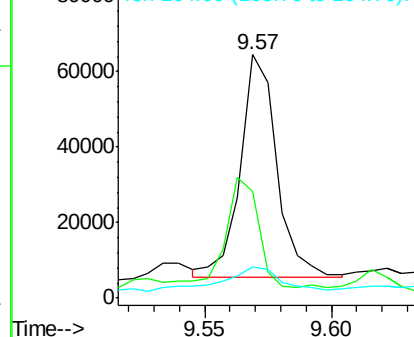
Lab File: BF101430.D

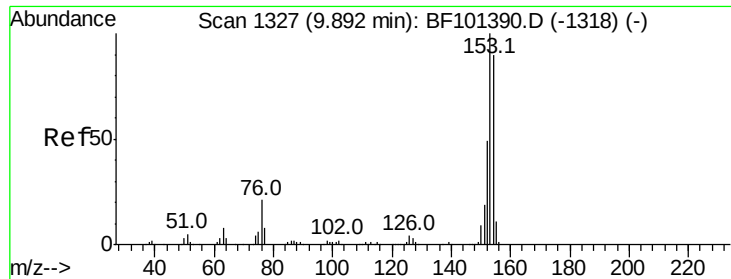
Acq: 15 Dec 2017 8:18

Tgt Ion:	163	Resp:	59307
Ion Ratio	Lower	Upper	
163	100		
194	43.6	2.7	4.1#
164	12.8	8.2	12.2#



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





#51

Acenaphthene

Concen: 2.775 ng

RT: 9.89 min Scan# 1327

Delta R.T. 0.00 min

Lab File: BF101430.D

Acq: 15 Dec 2017 8:18

Instrument :

BNA_F

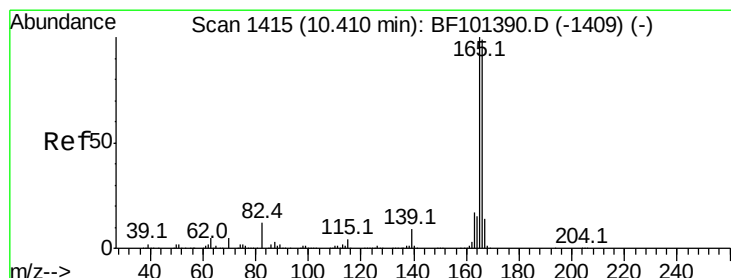
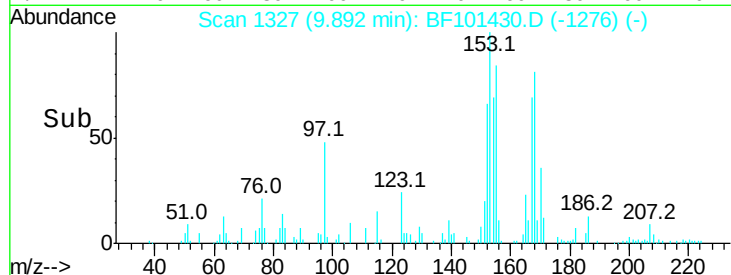
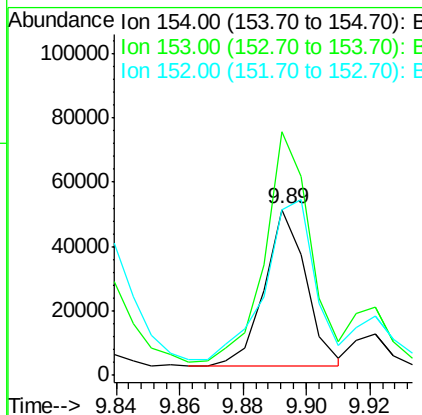
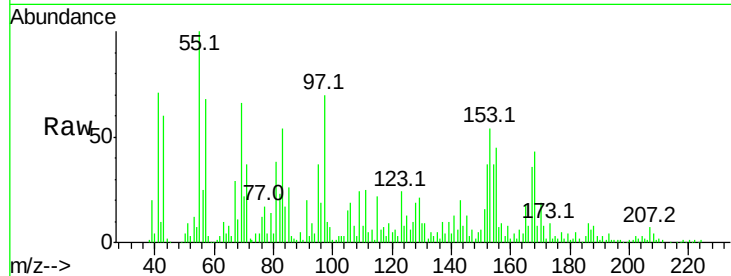
ClientSampleId :

MAP-3-E(12-13)

Tot Ion:	154	Resp:	44661
Ion Ratio	Lower	Upper	
154	100		
153	146.9	91.2	136.8#
152	100.1	43.8	65.8#

Manual Integrations
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#57

Fluorene

Concen: 6.253 ng

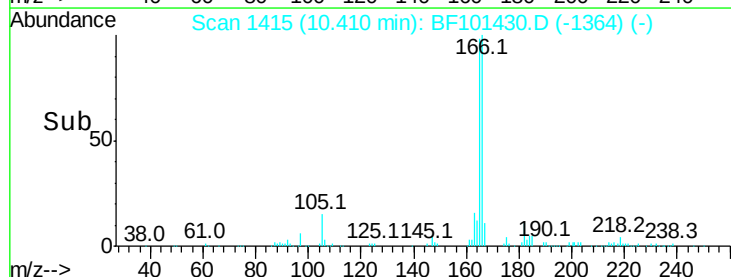
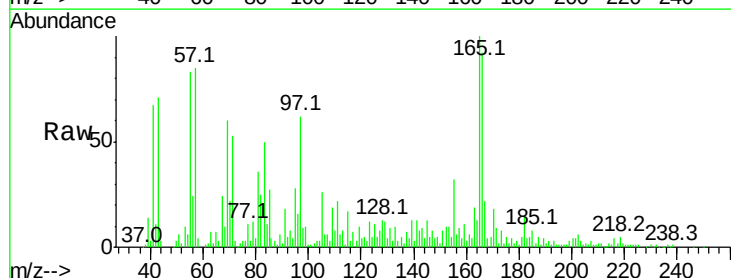
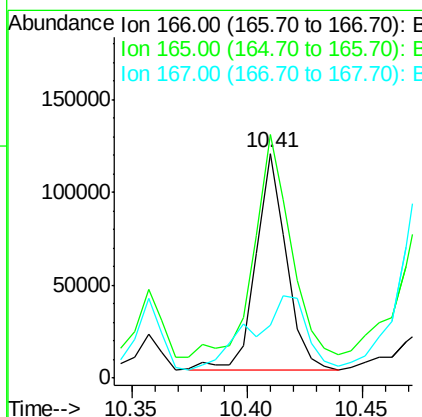
RT: 10.41 min Scan# 1415

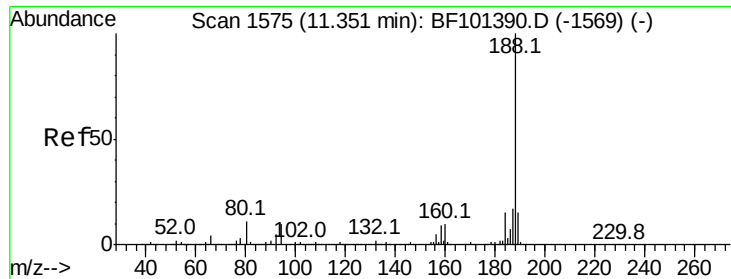
Delta R.T. 0.00 min

Lab File: BF101430.D

Acq: 15 Dec 2017 8:18

Tgt Ion:	166	Resp:	108198
Ion Ratio	Lower	Upper	
166	100		
165	108.3	79.8	119.8
167	23.6	10.6	16.0#





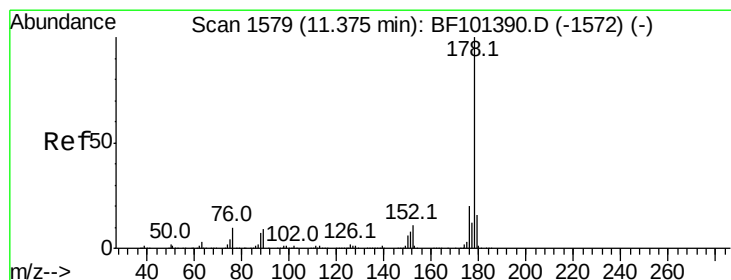
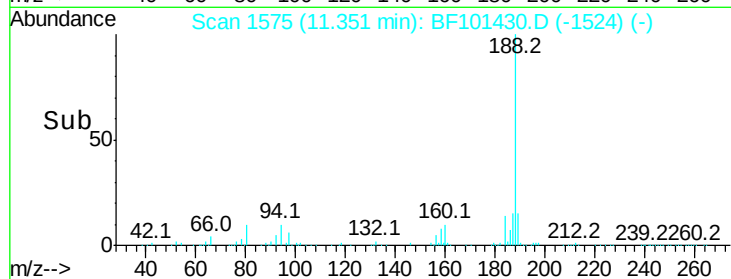
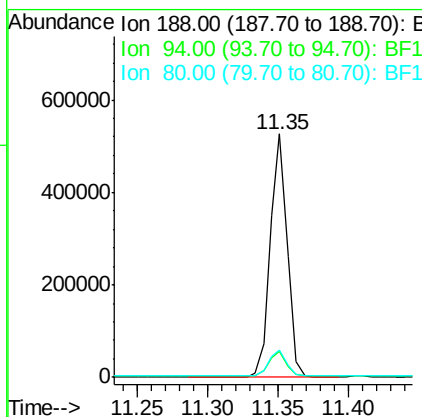
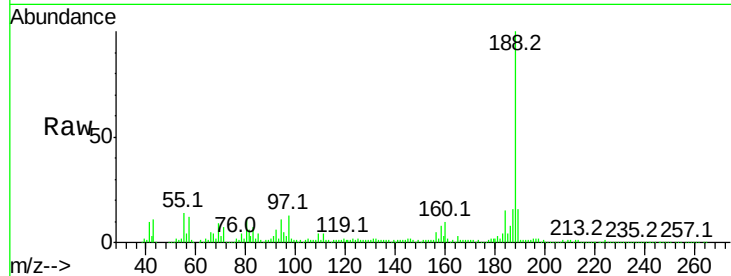
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.35 min Scan# 1575
Delta R.T. 0.00 min
Lab File: BF101430.D
Acq: 15 Dec 2017 8:18

Instrument :
BNA_F
ClientSampleId :
MAP-3-E(12-13)

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	10.5	8.5	12.7
80	11.0	9.2	13.8

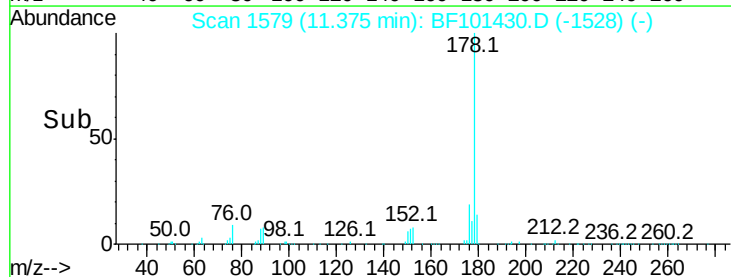
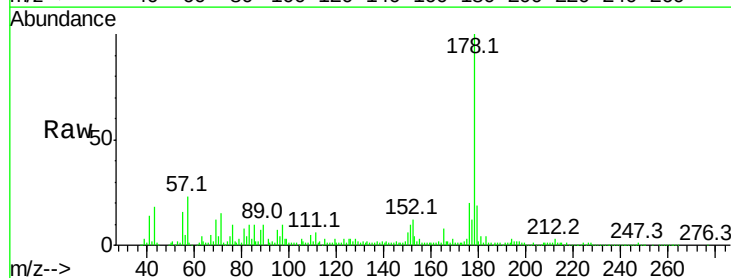
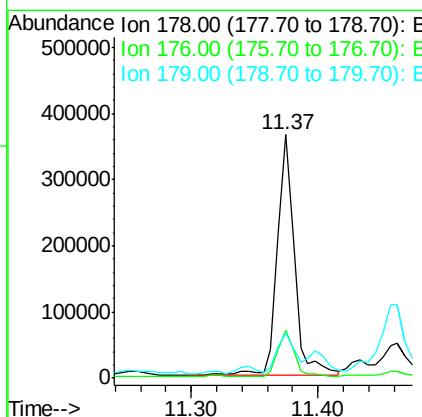
Manual Integrations
APPROVED

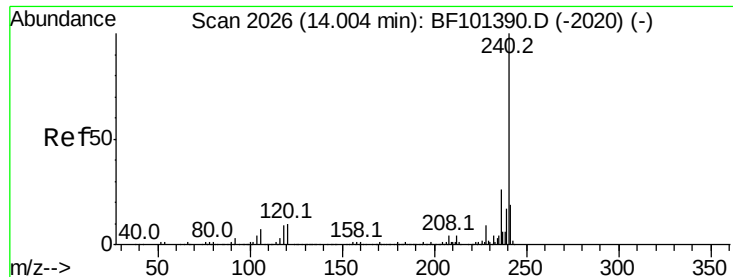
Sohil
12/15/2017 6:45:17 PM



#70
Phenanthrene
Concen: 13.915 ng
RT: 11.37 min Scan# 1579
Delta R.T. 0.00 min
Lab File: BF101430.D
Acq: 15 Dec 2017 8:18

Tgt Ion	Ratio	Resp Lower	Upper
178	100		
176	19.8	15.8	23.8
179	18.7	13.0	19.6





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.99 min Scan# 2024

Delta R.T. -0.01 min

Lab File: BF101430.D

Acq: 15 Dec 2017 8:18

Instrument :

BNA_F

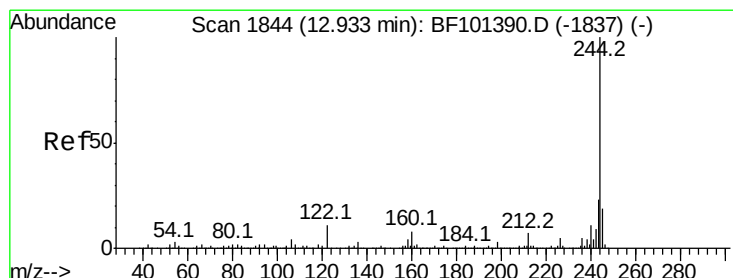
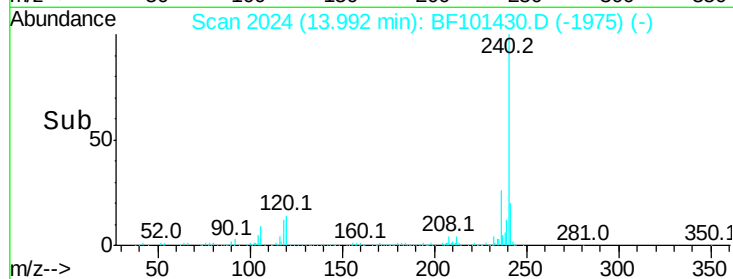
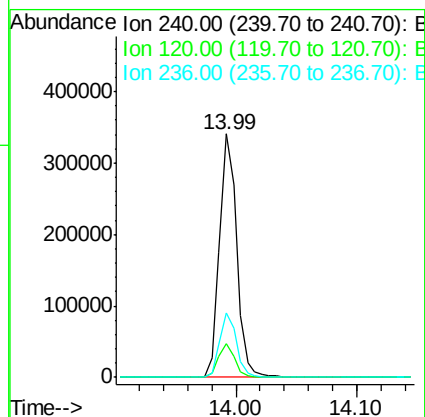
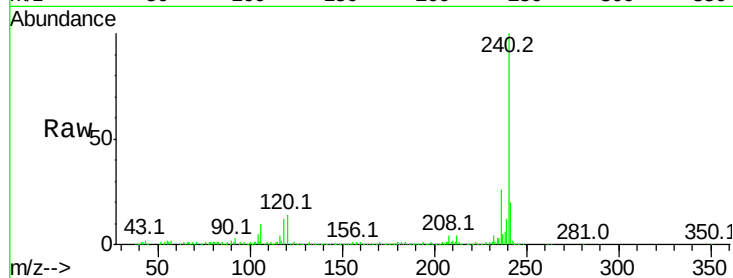
ClientSampleId :

MAP-3-E(12-13)

Tot Ion:	240	Resp:	331843
Ion Ratio	Lower	Upper	
240	100		
120	13.7	9.5	14.3
236	26.2	20.7	31.1

Manual Integrations
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Sohil
12/15/2017 6:45:17 PM



#78

Terphenyl-d14

Concen: 56.780 ng

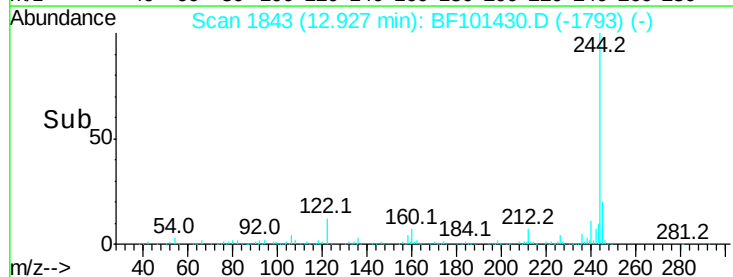
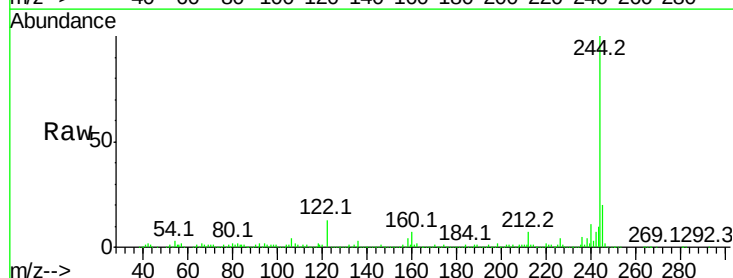
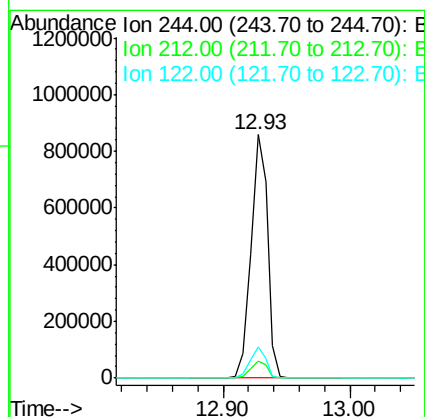
RT: 12.93 min Scan# 1843

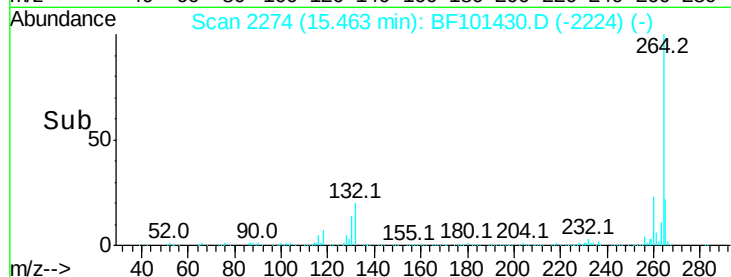
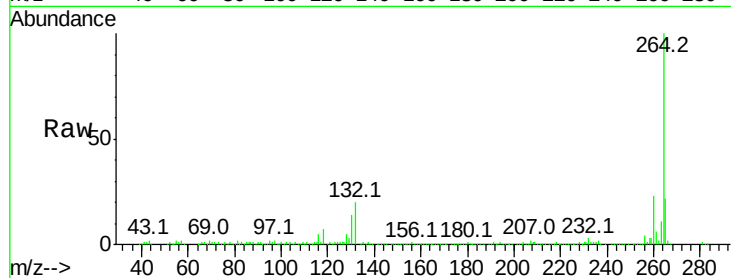
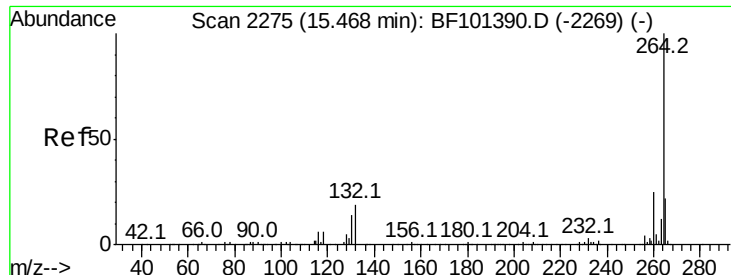
Delta R.T. -0.01 min

Lab File: BF101430.D

Acq: 15 Dec 2017 8:18

Tgt Ion:	244	Resp:	781572
Ion Ratio	Lower	Upper	
244	100		
212	6.9	5.4	8.0
122	12.6	11.0	16.4





#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.46 min Scan# 2274
Delta R.T. -0.01 min
Lab File: BF101430.D
Acq: 15 Dec 2017 8:18

Instrument :
BNA_F
ClientSampleId :
MAP-3-E(12-13)

Tot Ion	Ratio	Resp Lower	Upper
264	100		
260	23.0	19.2	28.8
265	22.0	17.5	26.3

Manual Integrations
APPROVED

Sohil
12/15/2017 6:45:17 PM

