

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF110717\
 Data File : BF100280.D
 Acq On : 7 Nov 2017 13:22
 Operator : SJ/JU
 Sample : I6336-02
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CF-1B(4-5)

Manual Integrations
 APPROVED

Sohil
 11/8/2017 3:54:05 PM

Quant Time: Nov 07 23:54:49 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 07 02:59:38 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	95957	20.00	ng	-0.05
21) Naphthalene-d8	7.99	136	400510	20.00	ng	-0.05
38) Acenaphthene-d10	9.74	164	191989	20.00	ng	-0.06
63) Phenanthrene-d10	11.23	188	358884	20.00	ng	-0.06
75) Chrysene-d12	13.89	240	240471	20.00	ng	-0.06
86) Perylene-d12	15.33	264	158363	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	106776	17.47	ng	-0.01
7) Phenol-d6	6.39	99	74070	10.22	ng	-0.03
23) Nitrobenzene-d5	7.29	82	238084	38.27	ng	-0.05
41) 2,4,6-Tribromophenol	10.54	330	72988	41.72	ng	-0.06
44) 2-Fluorobiphenyl	9.06	172	525328	42.22	ng	-0.05
78) Terphenyl-d14	12.82	244	448574	40.77	ng	-0.05
Target Compounds						
10) Phenol	6.41	94	30174	3.792	ng	97
49) Dimethylphthalate	9.47	163	96211	6.328	ng	100
51) Acenaphthene	9.77	154	61100	5.147	ng	98
54) Dibenzofuran	9.96	168	64570	3.854	ng	97
57) Fluorene	10.30	166	51597	3.719	ng	99
70) Phenanthrene	11.26	178	54999	2.716	ng	98

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

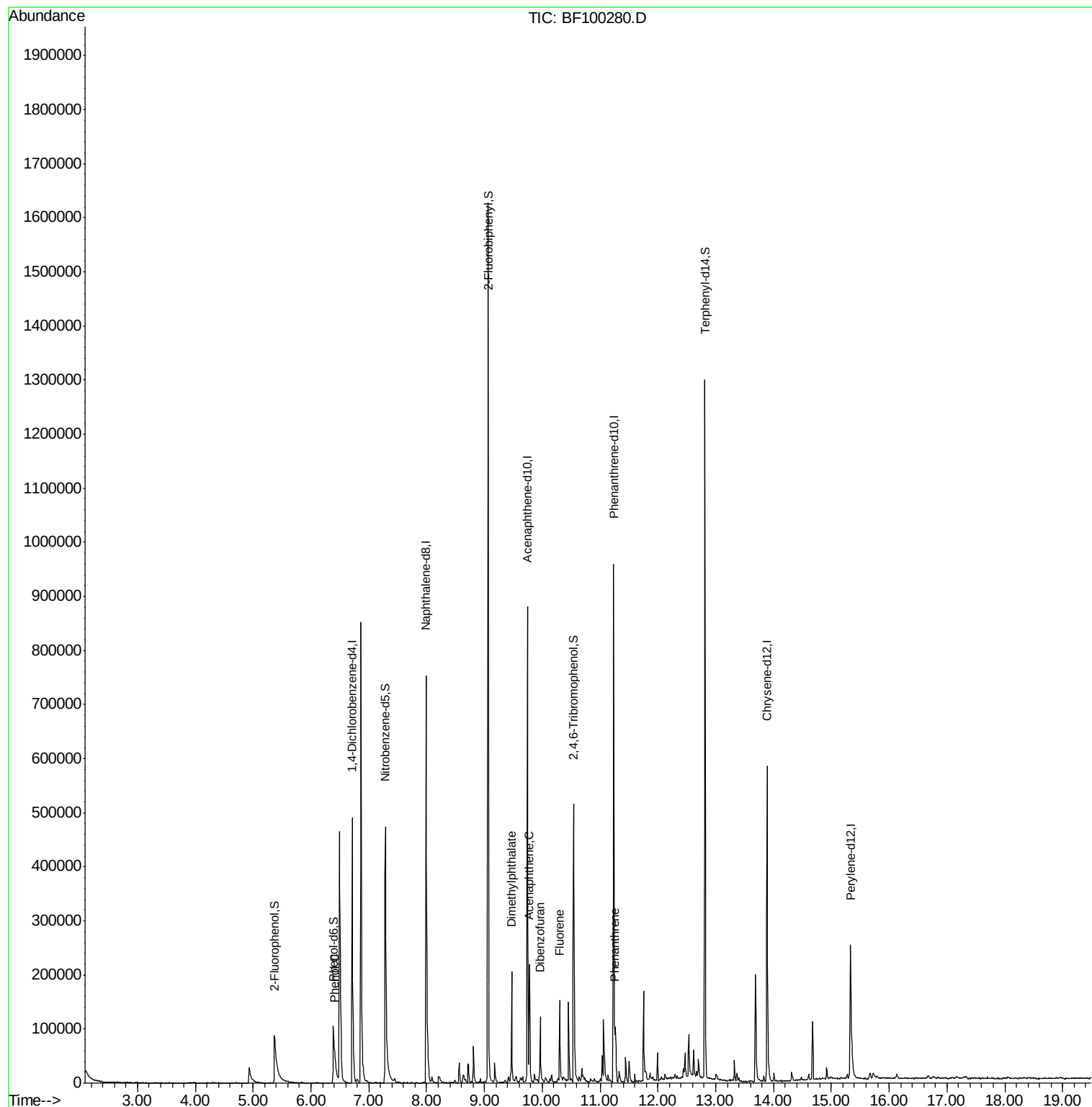
Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF110717\
Data File : BF100280.D
Acq On : 7 Nov 2017 13:22
Operator : SJ/JU
Sample : I6336-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

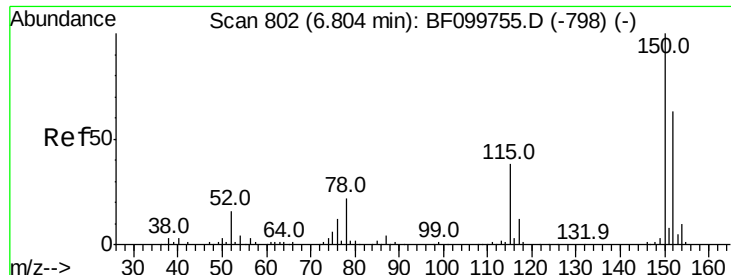
Instrument :
BNA_F
ClientSampleId :
CF-1B(4-5)

Manual Integrations
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11/8/2017 3:54:05 PM

Quant Time: Nov 07 23:54:49 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 07 02:59:38 2017
Response via : Initial Calibration





#1

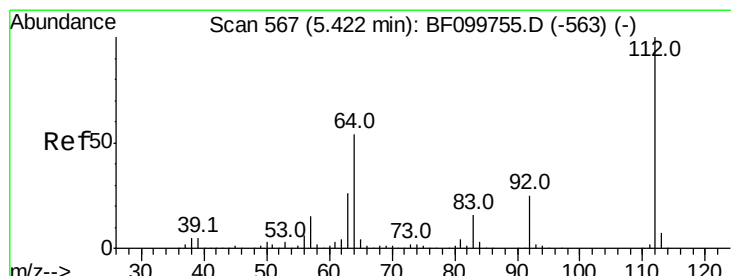
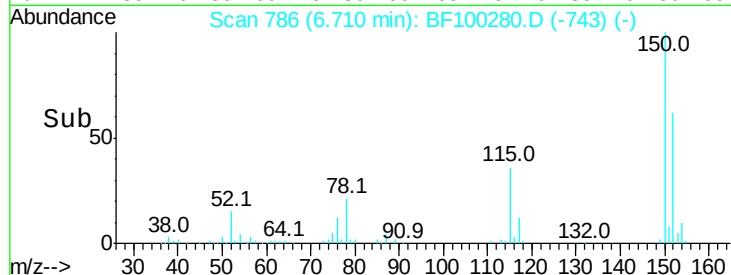
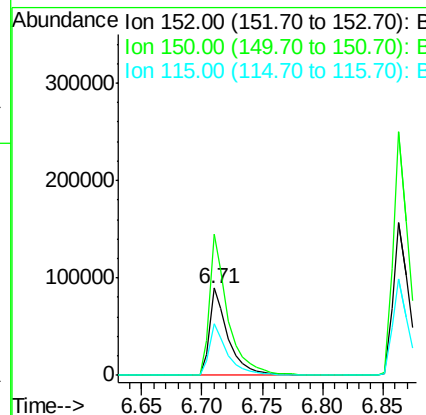
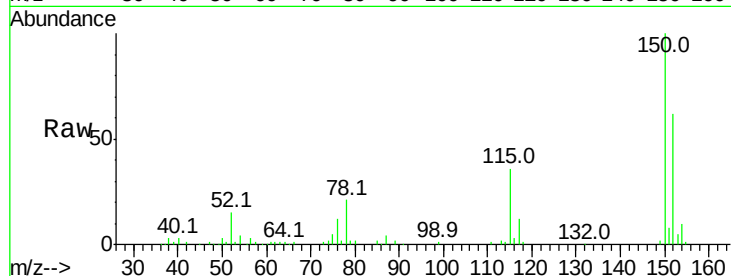
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.71 min Scan# 786
Delta R.T. -0.05 min
Lab File: BF100280.D
Acq: 7 Nov 2017 13:22

Instrument :
BNA_F
ClientSampleId :
CF-1B(4-5)

Tot Ion	Ratio	Lower	Upper
152	100		
150	162.5	124.6	186.8
115	59.3	50.1	75.1

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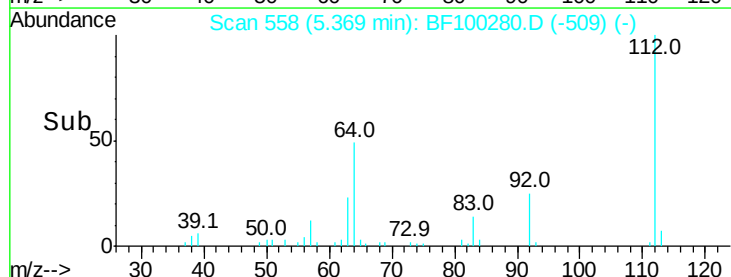
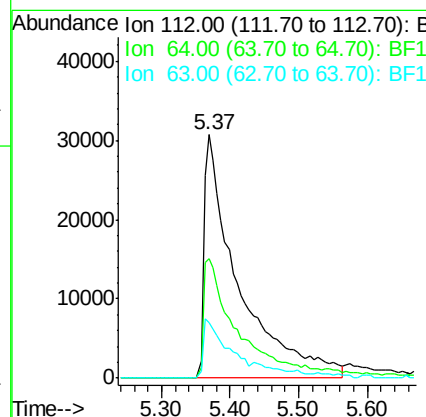
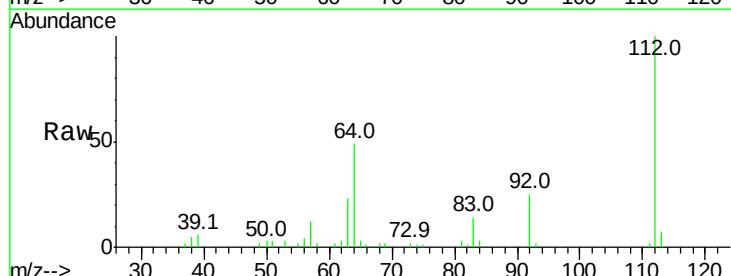
Sohil
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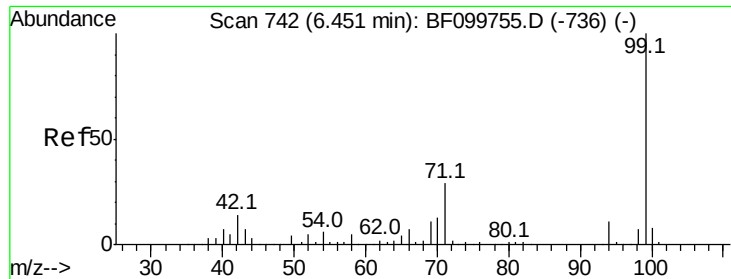


#5

2-Fluorophenol
Concen: 17.470 ng
RT: 5.37 min Scan# 558
Delta R.T. -0.01 min
Lab File: BF100280.D
Acq: 7 Nov 2017 13:22

Tgt Ion	Ratio	Lower	Upper
112	100		
64	48.8	47.9	71.9
63	23.0	23.7	35.5#





#7

Phenol-d6

Concen: 10.221 ng

RT: 6.39 min Scan# 731

Delta R.T. -0.03 min

Lab File: BF100280.D

Acq: 7 Nov 2017 13:22

Instrument :

BNA_F

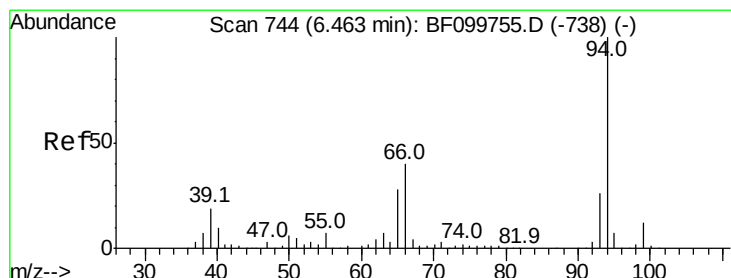
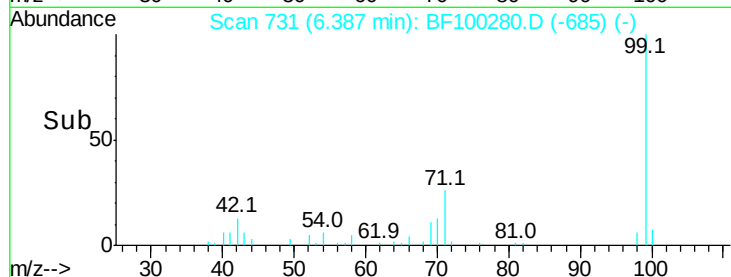
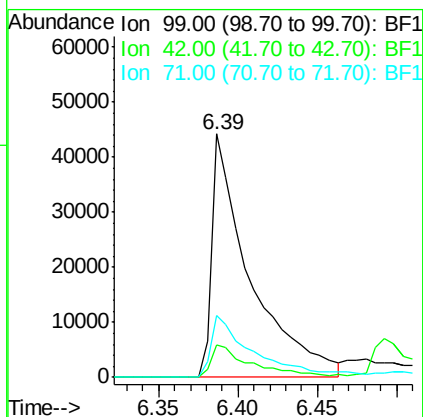
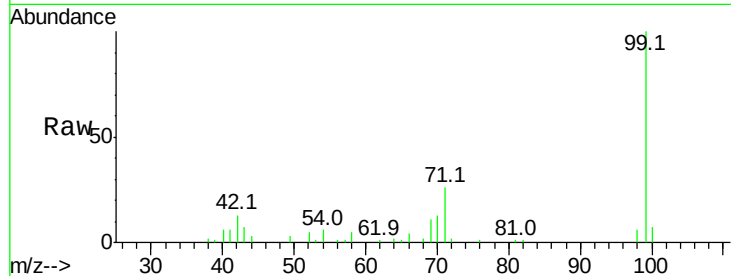
ClientSampleId :

CF-1B(4-5)

Tot Ion:	99	Resp:	74070
Ion	Ratio	Lower	Upper
99	100		
42	13.2	14.5	21.7#
71	25.6	25.4	38.0

Manual Integrations
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#10

Phenol

Concen: 3.792 ng

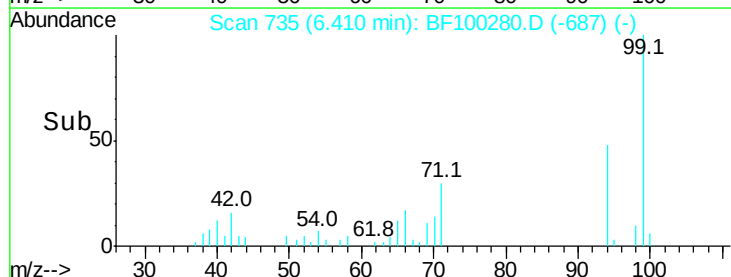
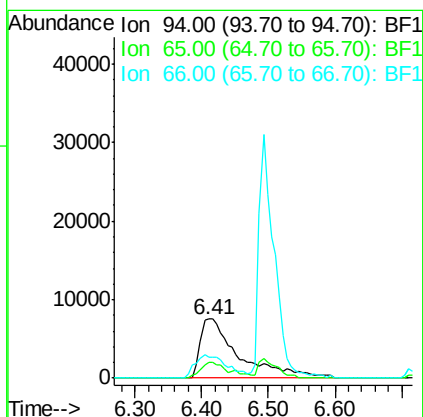
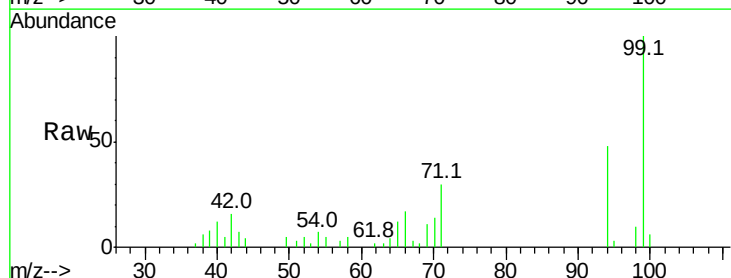
RT: 6.41 min Scan# 735

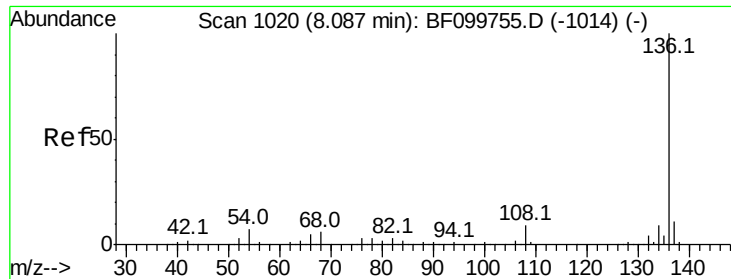
Delta R.T. -0.02 min

Lab File: BF100280.D

Acq: 7 Nov 2017 13:22

Tgt Ion:	94	Resp:	30174
Ion	Ratio	Lower	Upper
94	100		
65	25.9	7.9	47.9
66	34.8	16.2	56.2





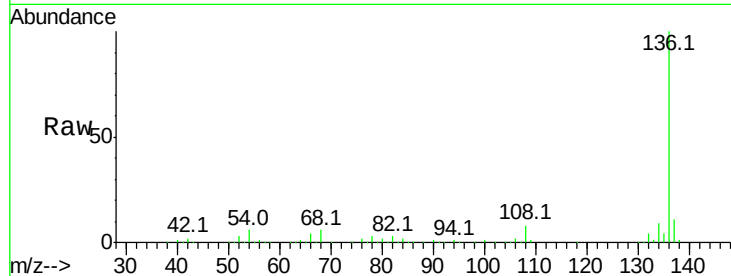
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.99 min Scan# 1004
Delta R.T. -0.05 min
Lab File: BF100280.D
Acq: 7 Nov 2017 13:22

Instrument :
BNA_F
ClientSampleId :
CF-1B(4-5)

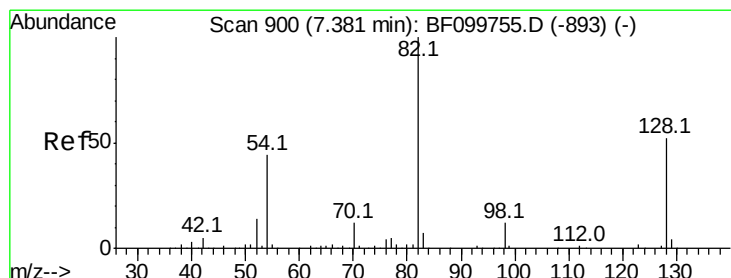
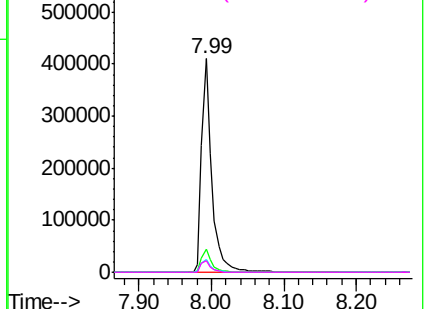
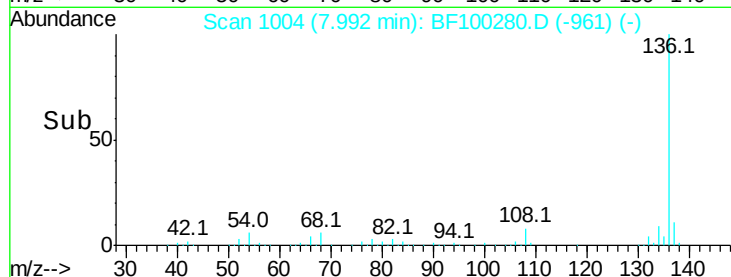
Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.8	8.9	13.3	
54	6.1	6.6	9.8	
68	5.5	5.0	7.4	

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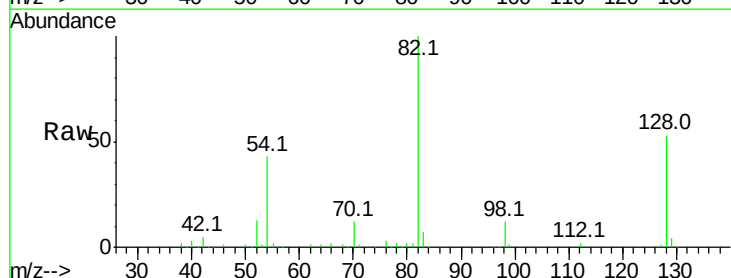


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

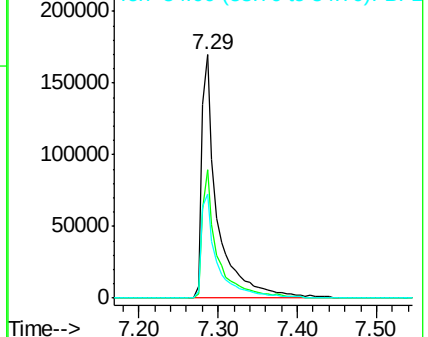
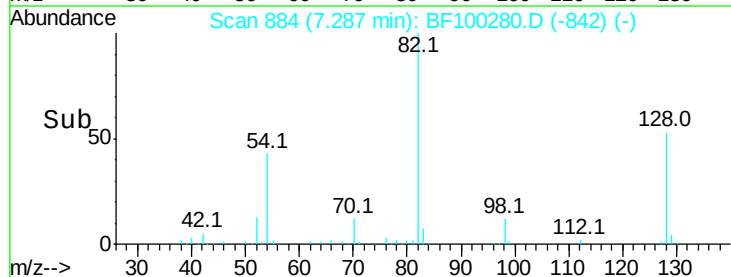


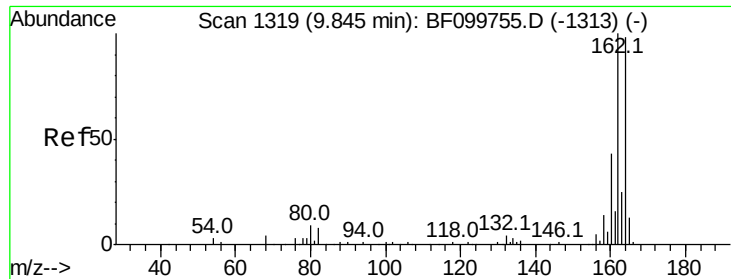
#23
Nitrobenzene-d5
Concen: 38.271 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.05 min
Lab File: BF100280.D
Acq: 7 Nov 2017 13:22

Tgt Ion	Ratio	Resp	Lower	Upper
82	100			
128	52.7	36.1	54.1	
54	42.8	41.4	62.2	



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.74 min Scan# 1301

Delta R.T. -0.06 min

Lab File: BF100280.D

Acq: 7 Nov 2017 13:22

Instrument :

BNA_F

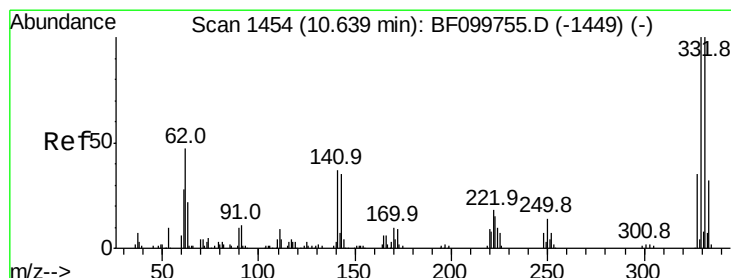
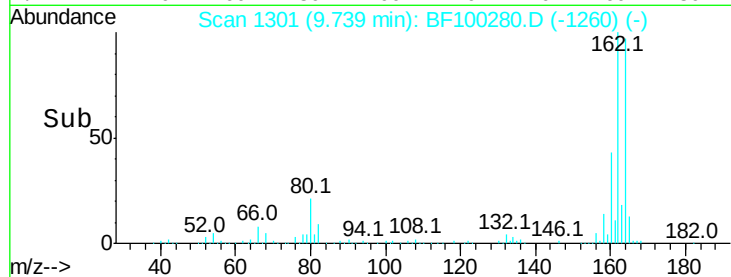
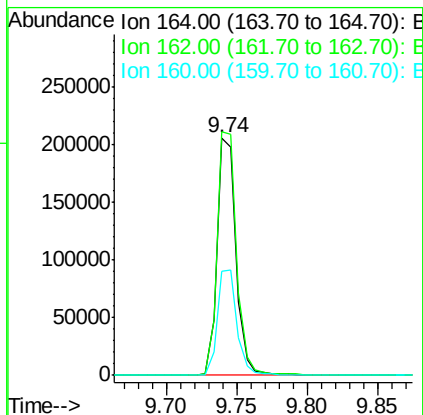
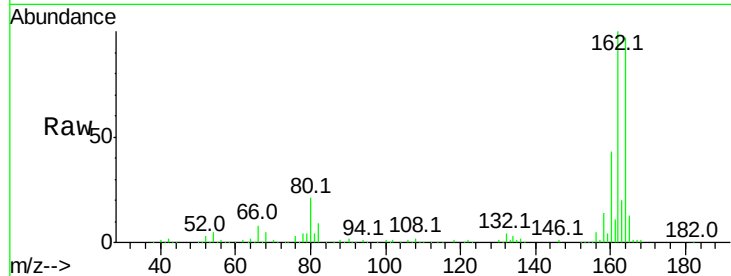
ClientSampleId :

CF-1B(4-5)

Tot Ion:	164	Resp:	191989
Ion Ratio	Lower	Upper	
164	100		
162	102.6	86.1	129.1
160	44.1	38.3	57.5

Manual Integrations
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#41

2,4,6-Tribromophenol

Concen: 41.716 ng

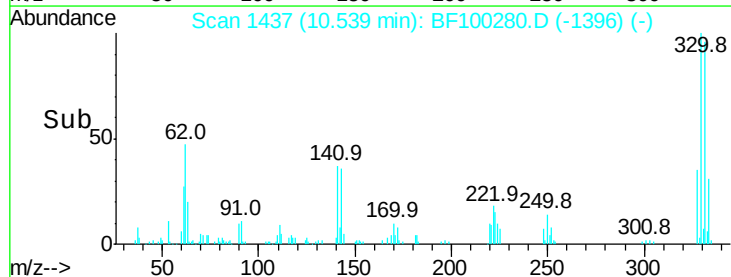
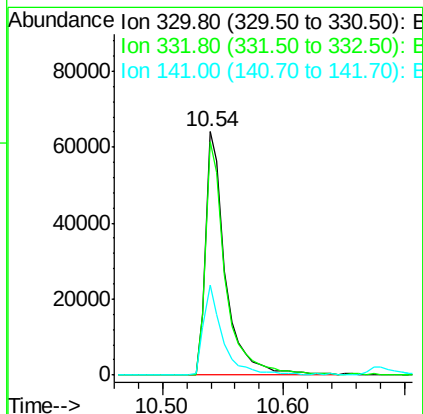
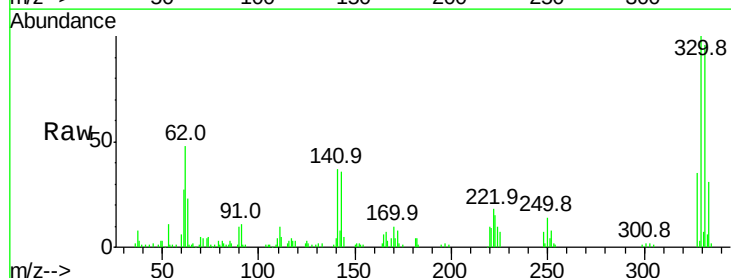
RT: 10.54 min Scan# 1437

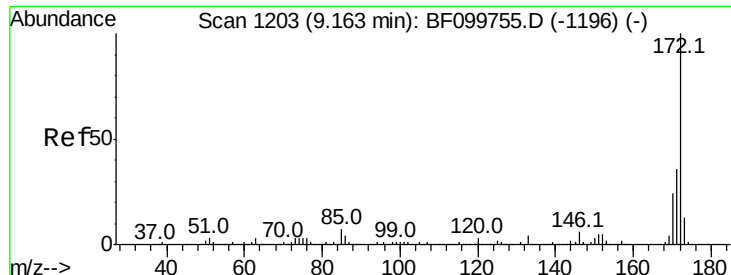
Delta R.T. -0.06 min

Lab File: BF100280.D

Acq: 7 Nov 2017 13:22

Tgt Ion:	330	Resp:	72988
Ion Ratio	Lower	Upper	
330	100		
332	96.4	77.0	115.6
141	36.0	29.9	44.9





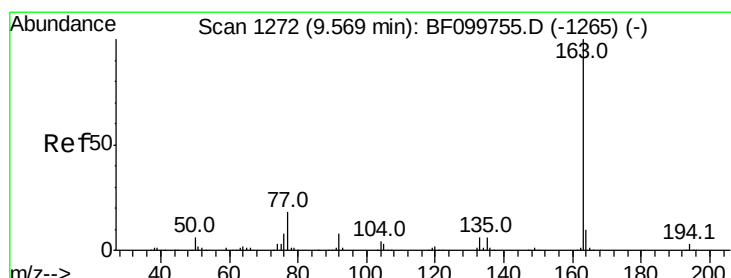
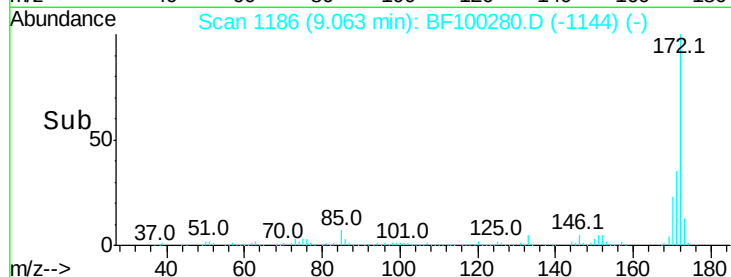
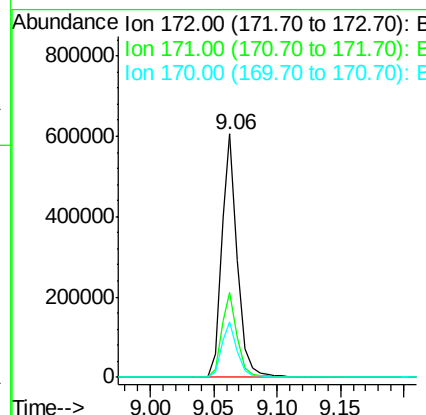
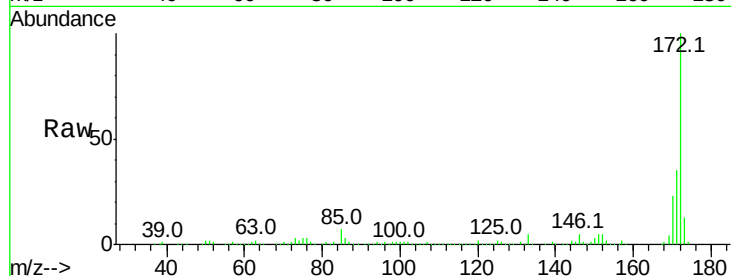
#44
2-Fluorobiphenyl
Concen: 42.216 ng
RT: 9.06 min Scan# 1186
Delta R.T. -0.05 min
Lab File: BF100280.D
Acq: 7 Nov 2017 13:22

Instrument :
BNA_F
ClientSampleId :
CF-1B(4-5)

Tot Ion	Ratio	Resp	Lower	Upper
172	100			
171	35.1	29.7	44.5	
170	22.9	19.6	29.4	

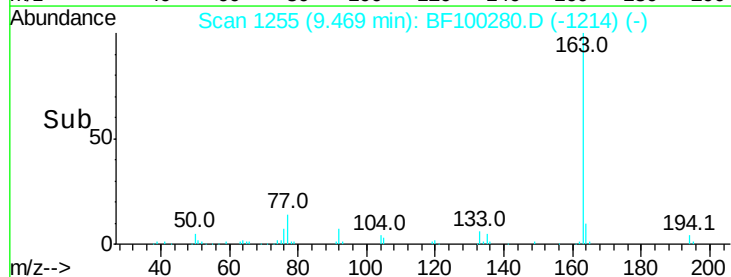
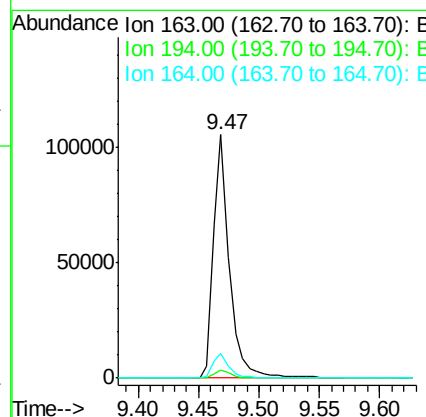
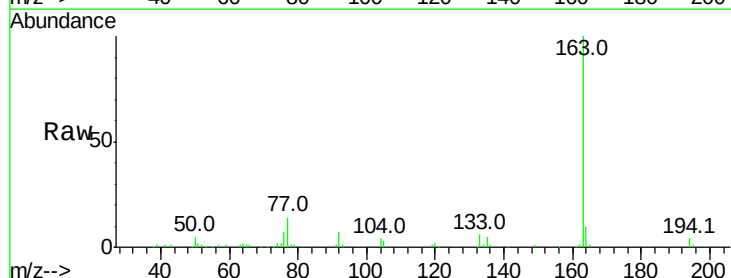
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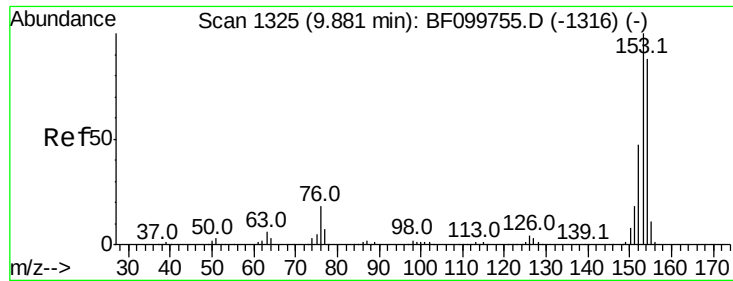
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#49
Dimethylphthalate
Concen: 6.328 ng
RT: 9.47 min Scan# 1255
Delta R.T. -0.06 min
Lab File: BF100280.D
Acq: 7 Nov 2017 13:22

Tgt Ion	Ratio	Resp	Lower	Upper
163	100			
194	3.5	2.7	4.1	
164	10.1	8.2	12.2	





#51

Acenaphthene

Concen: 5.147 ng

RT: 9.77 min Scan# 1307

Delta R.T. -0.06 min

Lab File: BF100280.D

Acq: 7 Nov 2017 13:22

Instrument :

BNA_F

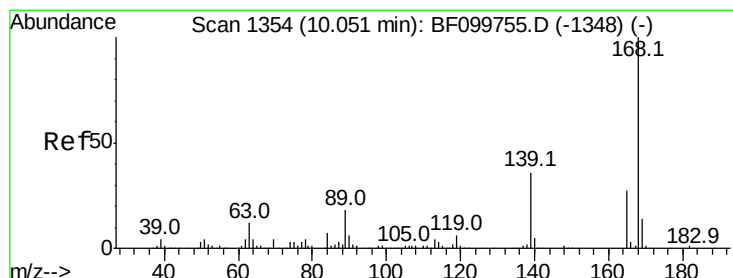
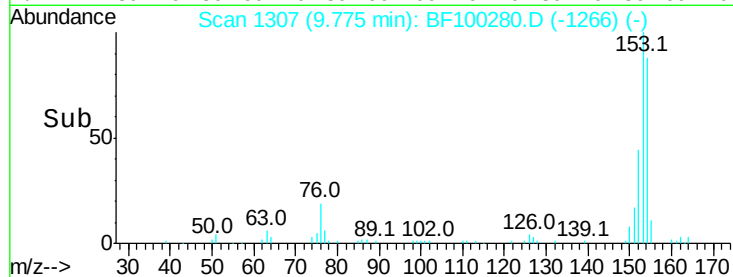
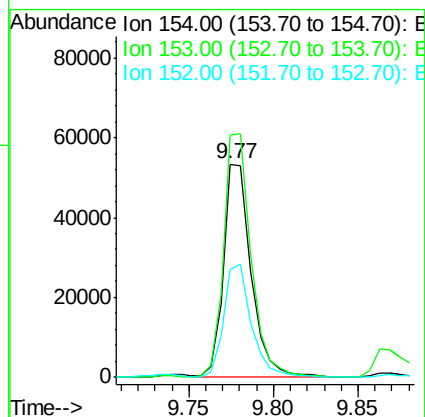
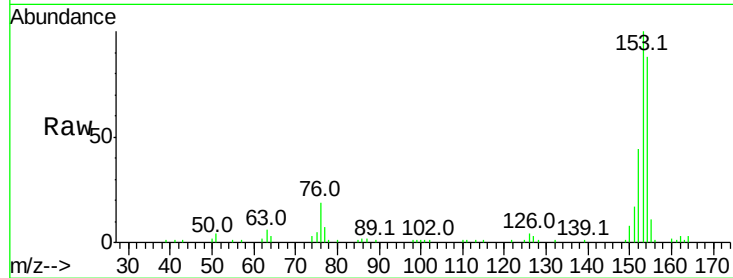
ClientSampleId :

CF-1B(4-5)

Tot Ion:	154	Resp:	61100
Ion	Ratio	Lower	Upper
154	100		
153	114.0	91.2	136.8
152	50.6	43.8	65.8

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#54

Dibenzofuran

Concen: 3.854 ng

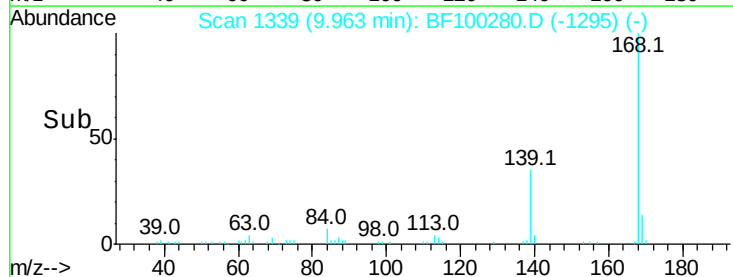
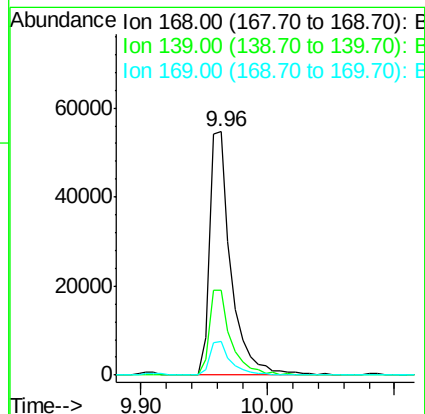
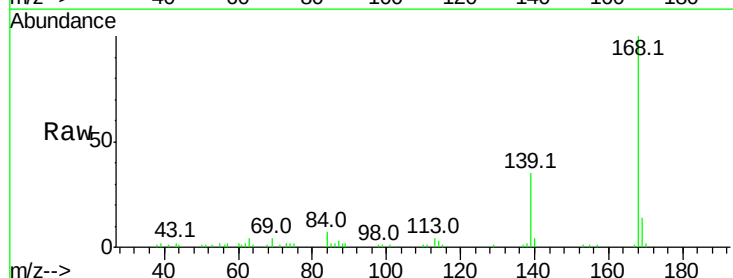
RT: 9.96 min Scan# 1339

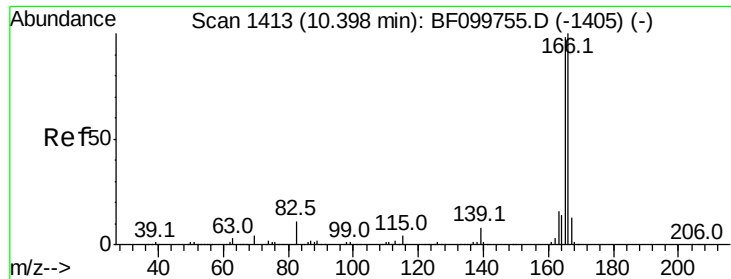
Delta R.T. -0.04 min

Lab File: BF100280.D

Acq: 7 Nov 2017 13:22

Tgt Ion:	168	Resp:	64570
Ion	Ratio	Lower	Upper
168	100		
139	35.1	30.1	45.1
169	13.9	10.9	16.3





#57

Fluorene

Concen: 3.719 ng

RT: 10.30 min Scan# 1396

Delta R.T. -0.05 min

Lab File: BF100280.D

Acq: 7 Nov 2017 13:22

Instrument :

BNA_F

ClientSampleId :

CF-1B(4-5)

Tot Ion:166 Resp: 51597

Ion Ratio Lower Upper

166 100

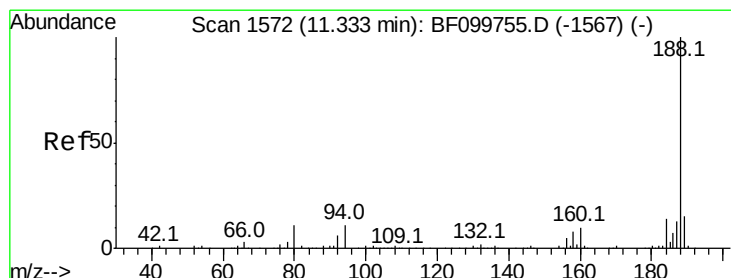
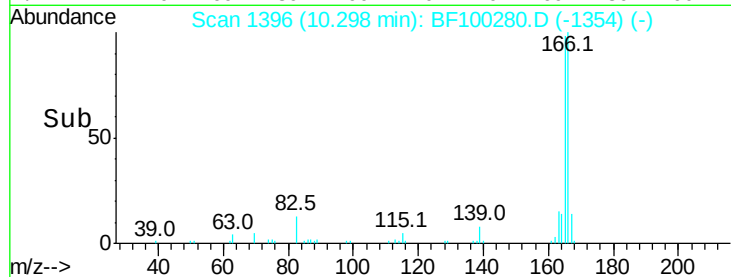
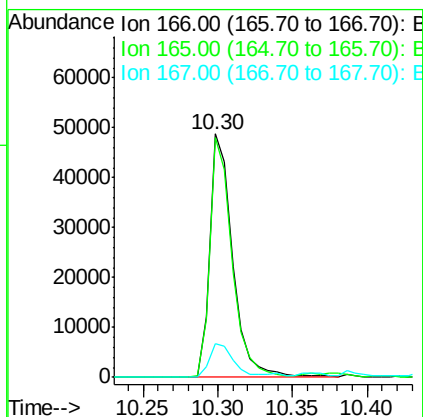
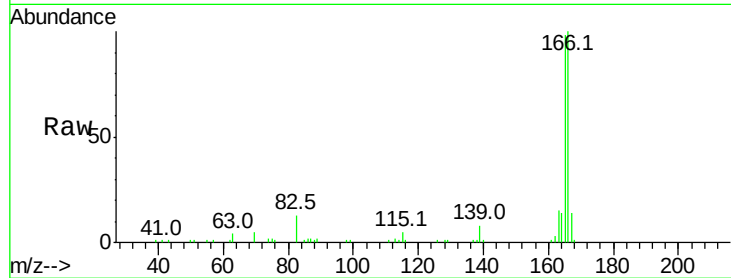
165 98.3 79.8 119.8

167 13.8 10.6 16.0

Manual Integrations
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#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.23 min Scan# 1555

Delta R.T. -0.06 min

Lab File: BF100280.D

Acq: 7 Nov 2017 13:22

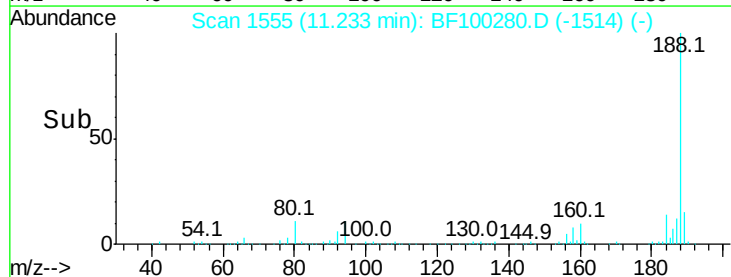
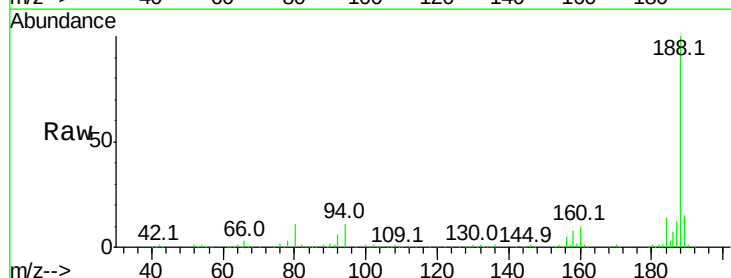
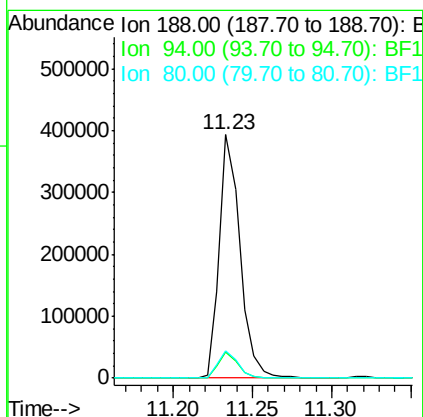
Tgt Ion:188 Resp: 358884

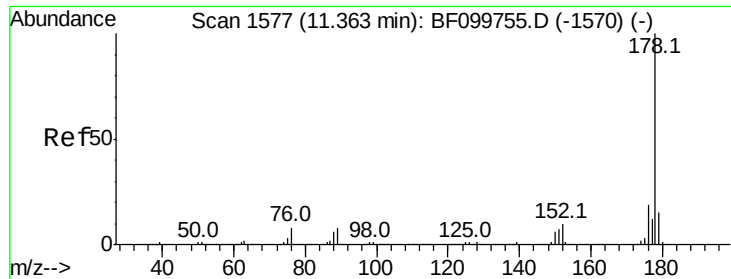
Ion Ratio Lower Upper

188 100

94 10.5 8.5 12.7

80 11.2 9.2 13.8





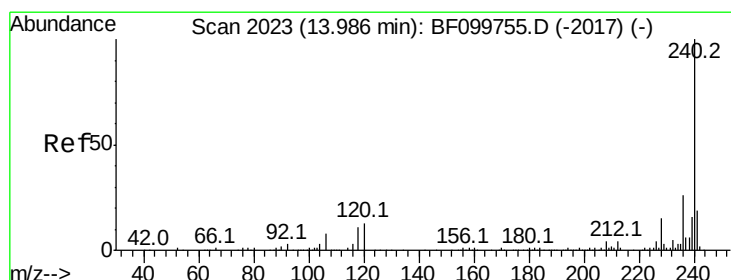
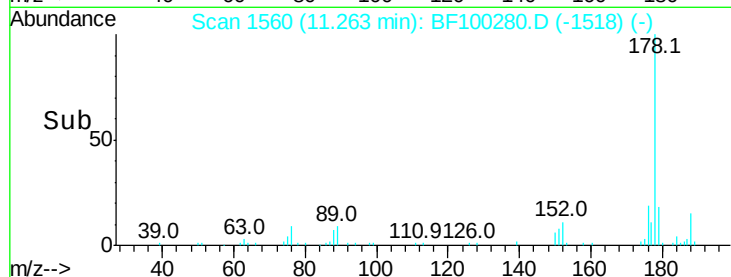
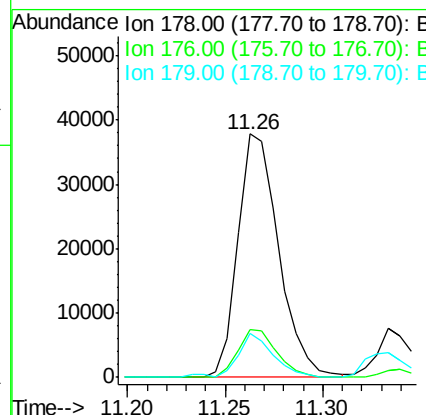
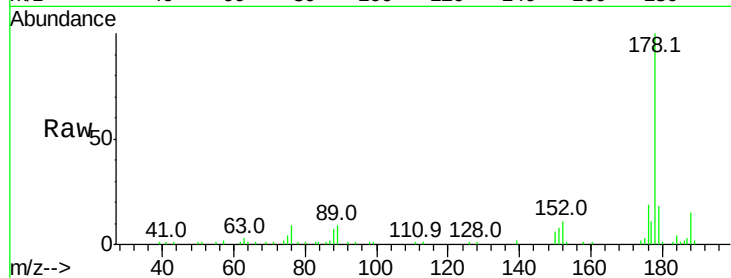
#70
Phenanthrene
Concen: 2.716 ng
RT: 11.26 min Scan# 1560
Delta R.T. -0.05 min
Lab File: BF100280.D
Acq: 7 Nov 2017 13:22

Instrument :
BNA_F
ClientSampleId :
CF-1B(4-5)

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.8	23.8
179	17.9	13.0	19.6

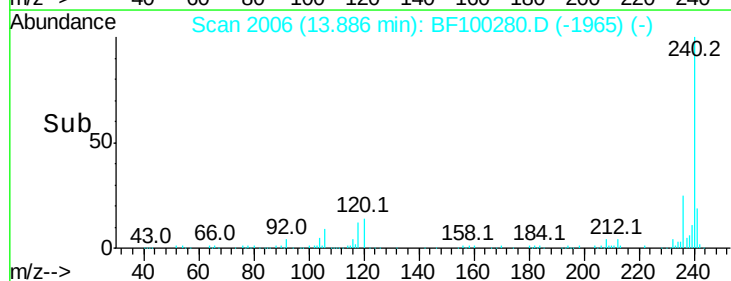
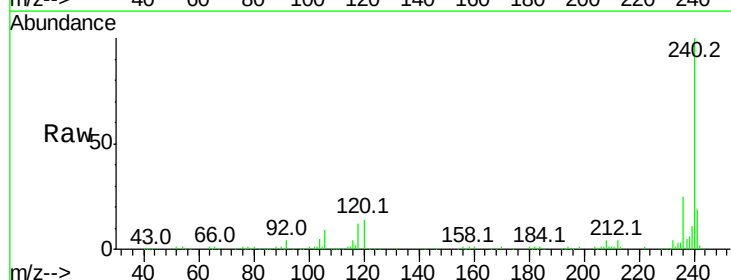
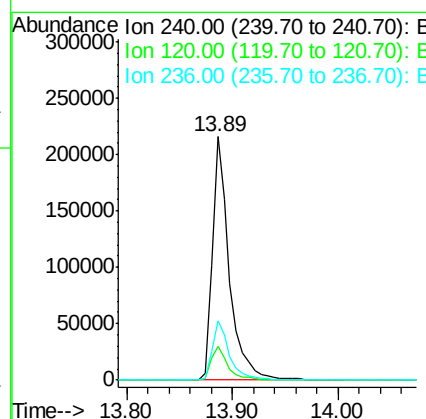
Manual Integrations
APPROVED

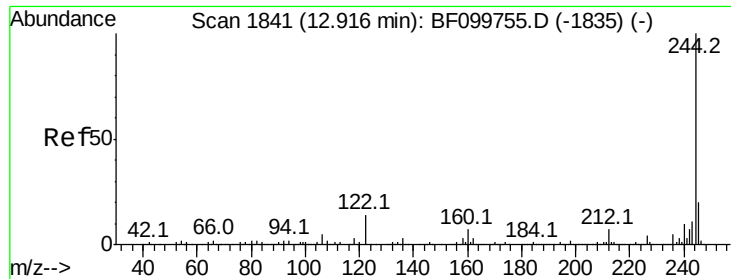
Sohil
11/8/2017 3:54:05 PM



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.89 min Scan# 2006
Delta R.T. -0.06 min
Lab File: BF100280.D
Acq: 7 Nov 2017 13:22

Tgt Ion	Ratio	Lower	Upper
240	100		
120	13.8	9.5	14.3
236	24.5	20.7	31.1





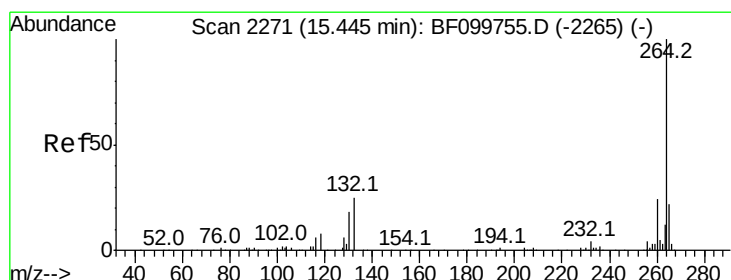
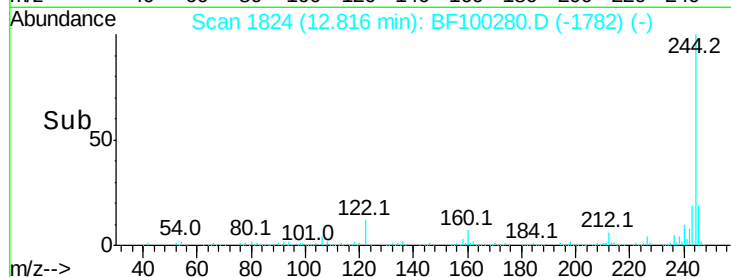
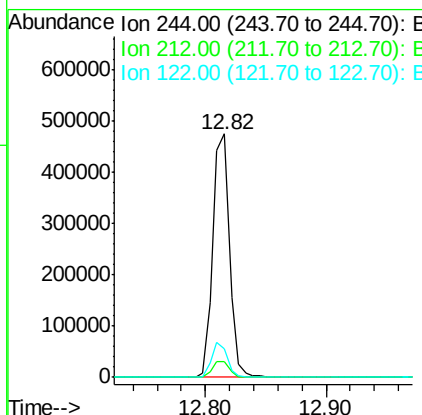
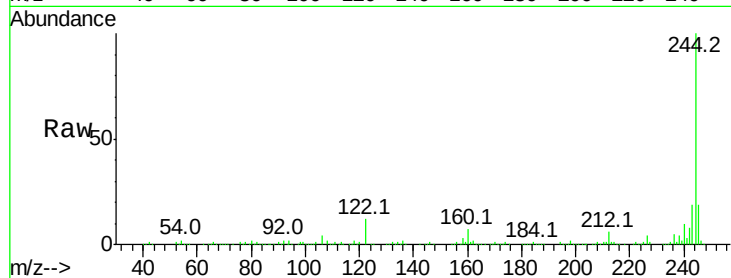
#78
 Terphenyl-d14
 Concen: 40.766 ng
 RT: 12.82 min Scan# 1824
 Delta R.T. -0.05 min
 Lab File: BF100280.D
 Acq: 7 Nov 2017 13:22

Instrument :
 BNA_F
 ClientSampleId :
 CF-1B(4-5)

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.3	5.4	8.0
122	11.7	11.0	16.4

Manual Integrations
 APPROVED

Sohil
 11/8/2017 3:54:05 PM



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.33 min Scan# 2252
 Delta R.T. -0.07 min
 Lab File: BF100280.D
 Acq: 7 Nov 2017 13:22

Tgt Ion	Ratio	Lower	Upper
264	100		
260	20.9	19.2	28.8
265	21.3	17.5	26.3

