

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110617\
 Data File : BF100273.D
 Acq On : 7 Nov 2017 4:34
 Operator : SJ/JU
 Sample : I6336-02
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

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

Manual Integrations
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Quant Time: Nov 07 06:24:37 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	6.76	152	94459	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	392307	20.00	ng	0.00
38) Acenaphthene-d10	9.79	164	180526	20.00	ng	0.00
63) Phenanthrene-d10	11.29	188	320136	20.00	ng	0.00
75) Chrysene-d12	13.94	240	184882	20.00	ng	0.00
86) Perylene-d12	15.41	264	163480	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	93293	15.51	ng	0.05
7) Phenol-d6	6.45	99	83600	11.72	ng	0.03
23) Nitrobenzene-d5	7.33	82	233732	38.36	ng	0.00
41) 2,4,6-Tribromophenol	10.59	330	66468	40.40	ng	0.00
44) 2-Fluorobiphenyl	9.11	172	503738	43.05	ng	0.00
78) Terphenyl-d14	12.87	244	379219	44.83	ng	0.00
Target Compounds						
10) Phenol	6.47	94	19713	2.517	ng	91
49) Dimethylphthalate	9.52	163	89236	6.242	ng	99
51) Acenaphthene	9.83	154	57556	5.157	ng	94
54) Dibenzofuran	10.02	168	60870	3.863	ng	95
57) Fluorene	10.35	166	47916	3.673	ng	99
70) Phenanthrene	11.32	178	48200	2.668	ng	96

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

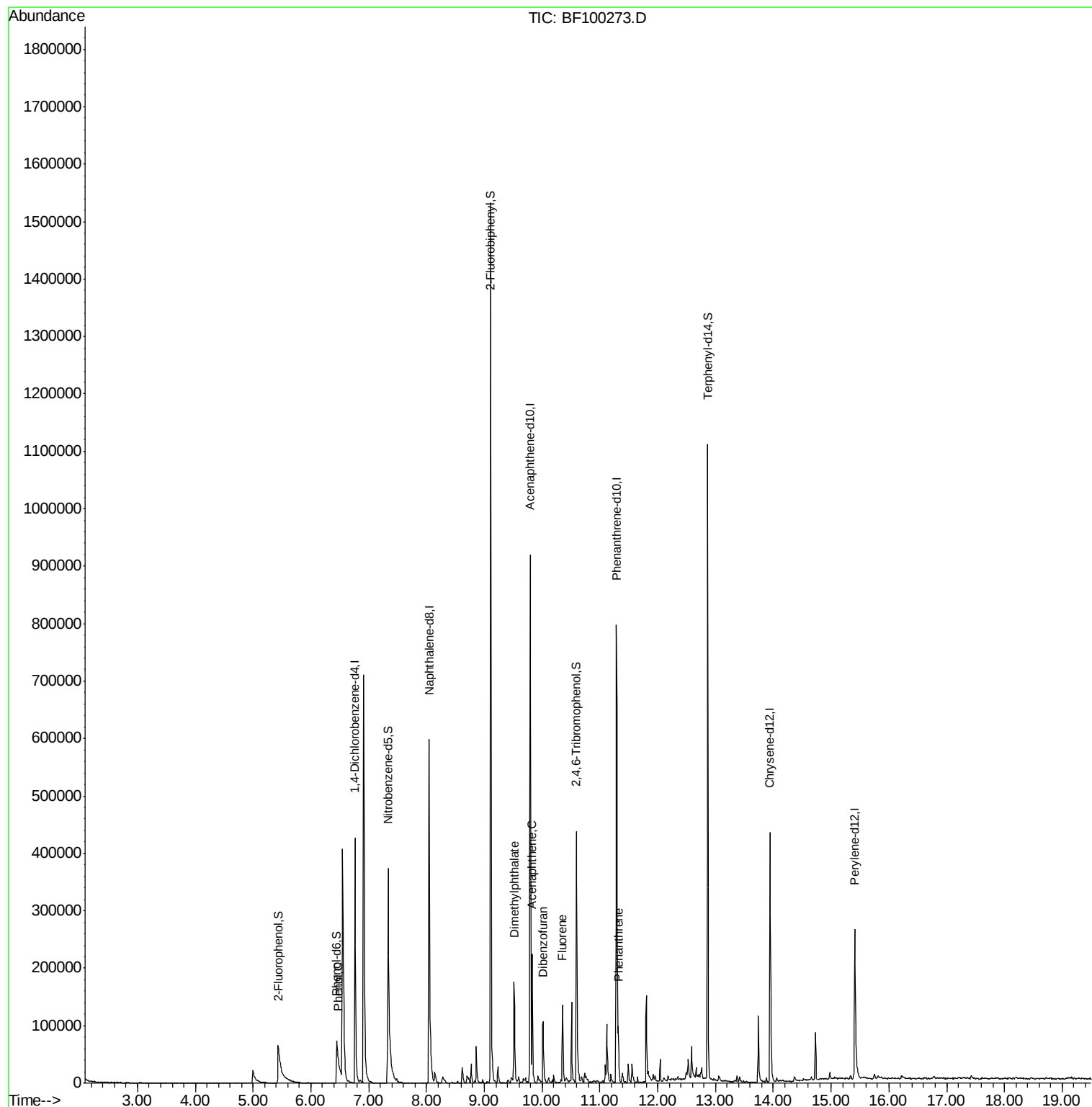
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110617\
Data File : BF100273.D
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Misc :
ALS Vial : 21 Sample Multiplier: 1

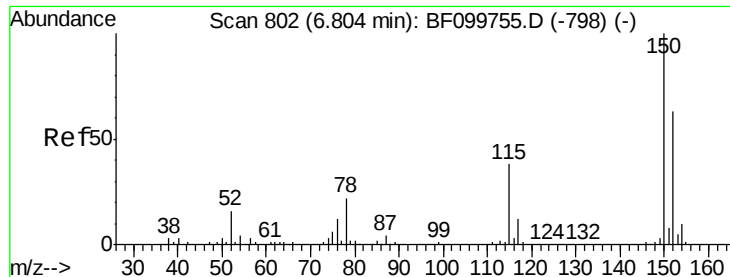
Instrument :
BNA_F
ClientSampleId :
CF-1B(4-5)

Manual Integrations
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Quant Time: Nov 07 06:24:37 2017
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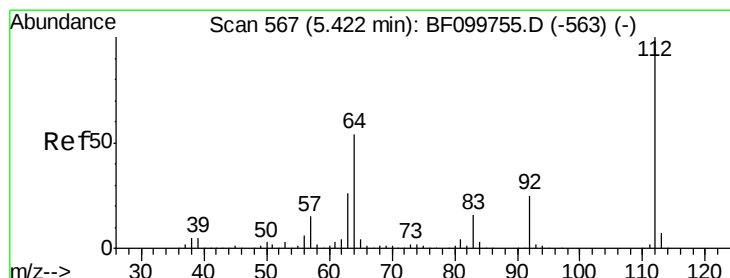
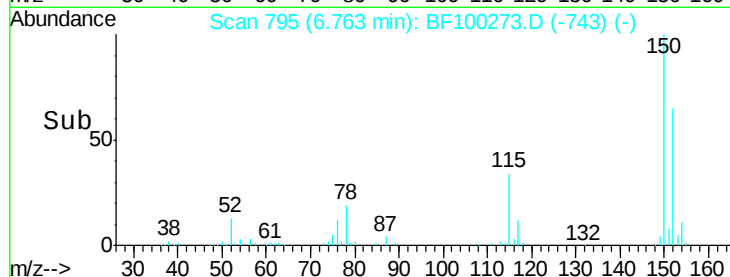
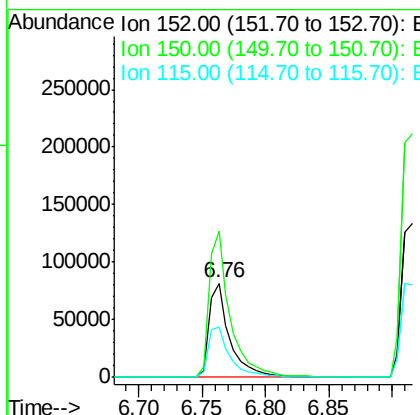
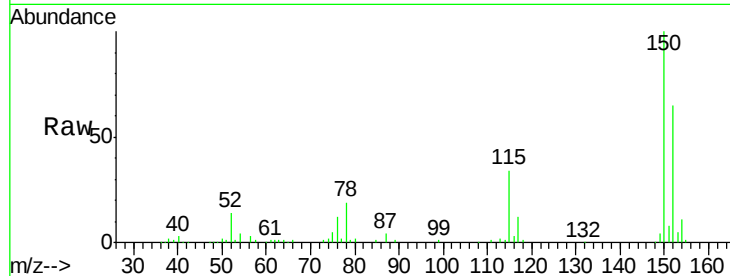
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.76 min Scan# 795
 Delta R.T. 0.01 min
 Lab File: BF100273.D
 Acq: 7 Nov 2017 4:34

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

Tgt Ion	Ratio	Lower	Upper
152	100		
150	155.0	124.6	186.8
115	53.3	50.1	75.1

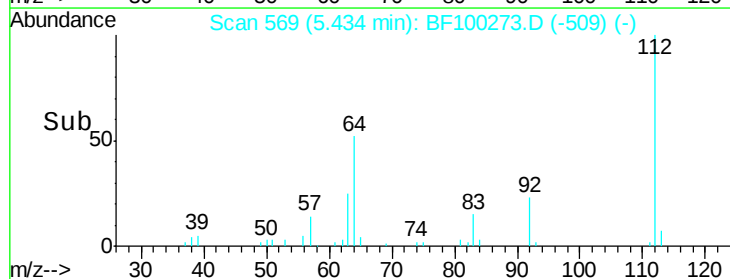
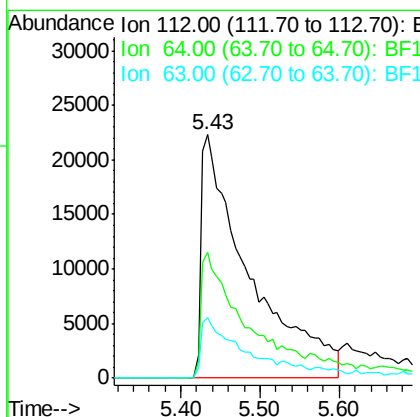
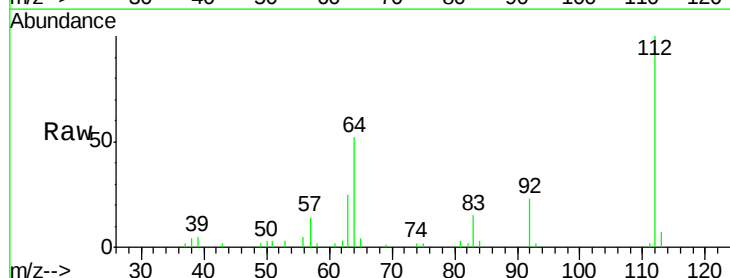
Manual Integrations
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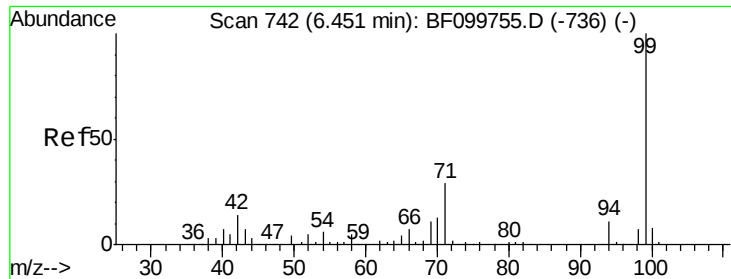
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#5
 2-Fluorophenol
 Concen: 15.506 ng
 RT: 5.43 min Scan# 569
 Delta R.T. 0.05 min
 Lab File: BF100273.D
 Acq: 7 Nov 2017 4:34

Tgt Ion	Ratio	Lower	Upper
112	100		
64	51.7	47.9	71.9
63	24.8	23.7	35.5





#7

Phenol-d6

Concen: 11.718 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.03 min

Lab File: BF100273.D

Acq: 7 Nov 2017 4:34

Instrument :

BNA_F

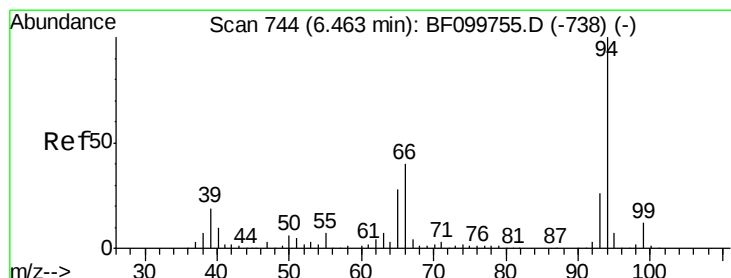
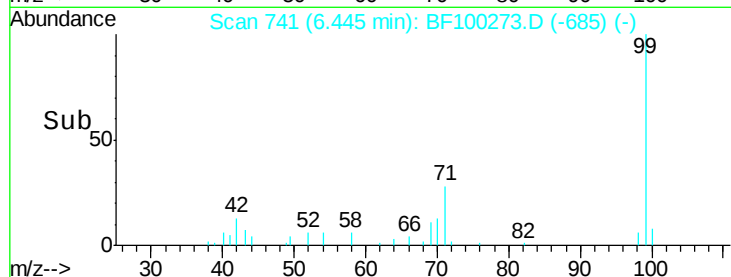
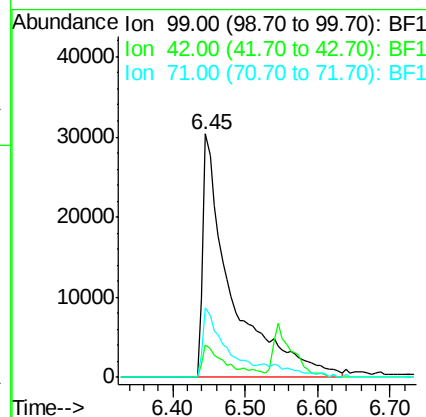
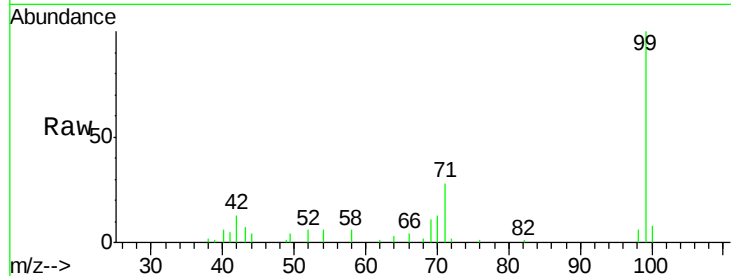
ClientSampleId :

CF-1B(4-5)

Tgt Ion:	99	Resp:	83600
Ion Ratio	Lower	Upper	
99	100		
42	13.2	14.5	21.7#
71	28.4	25.4	38.0

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#10

Phenol

Concen: 2.517 ng

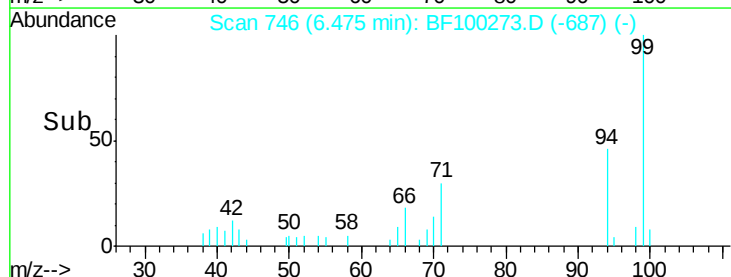
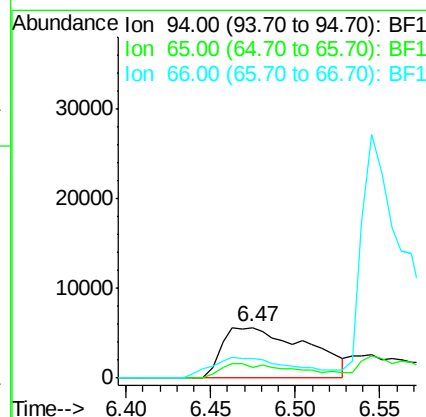
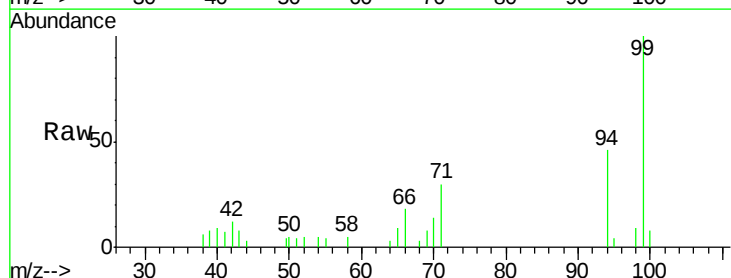
RT: 6.47 min Scan# 746

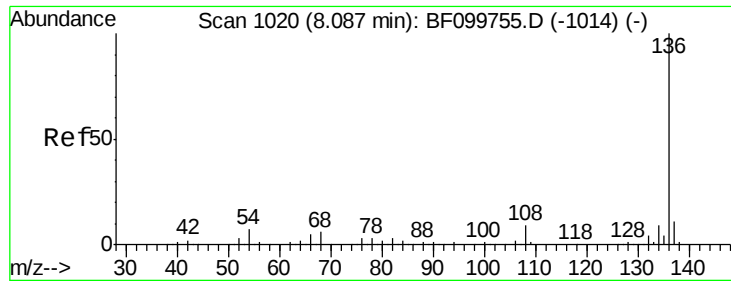
Delta R.T. 0.05 min

Lab File: BF100273.D

Acq: 7 Nov 2017 4:34

Tgt Ion:	94	Resp:	19713
Ion Ratio	Lower	Upper	
94	100		
65	20.4	7.9	47.9
66	38.7	16.2	56.2





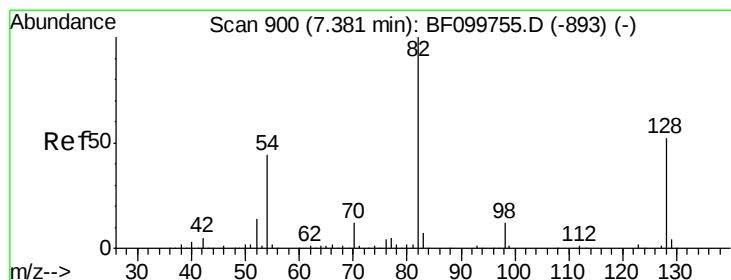
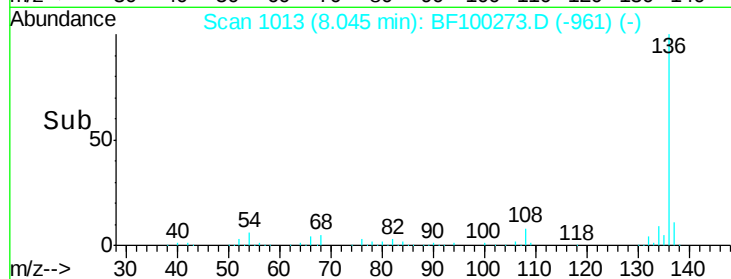
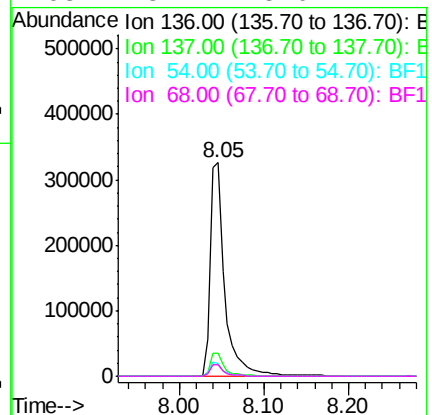
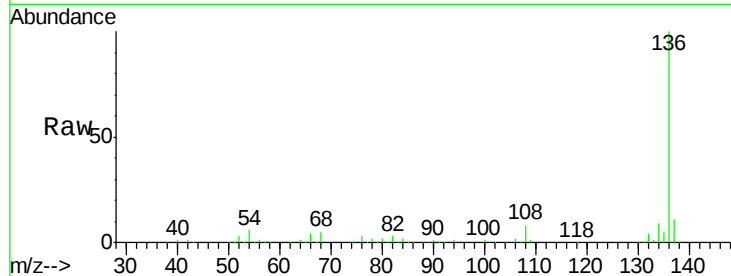
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.05 min Scan# 1013
Delta R.T. 0.01 min
Lab File: BF100273.D
Acq: 7 Nov 2017 4:34

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

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	392307		
137	11.0	8.9	13.3	
54	6.0	6.6	9.8	
68	5.4	5.0	7.4	

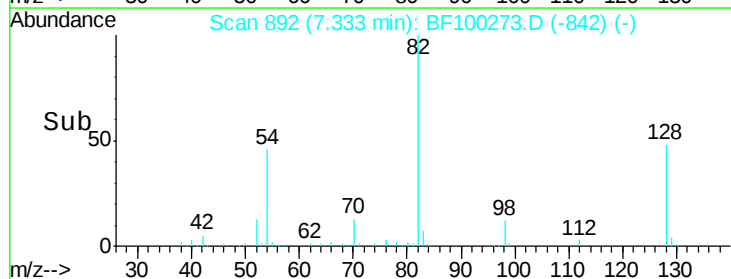
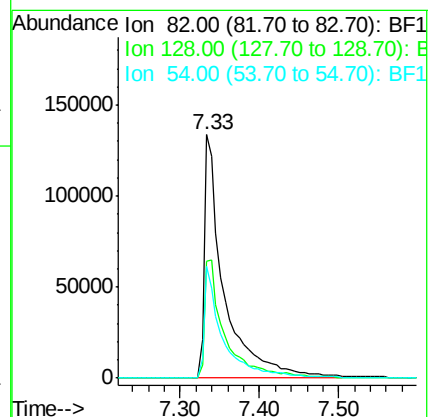
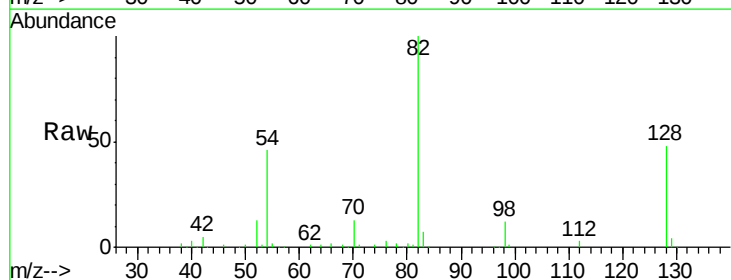
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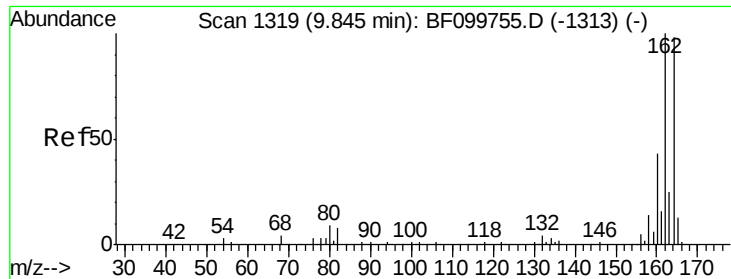
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#23
Nitrobenzene-d5
Concen: 38.357 ng
RT: 7.33 min Scan# 892
Delta R.T. -0.01 min
Lab File: BF100273.D
Acq: 7 Nov 2017 4:34

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	233732		
128	47.9	36.1	54.1	
54	46.0	41.4	62.2	





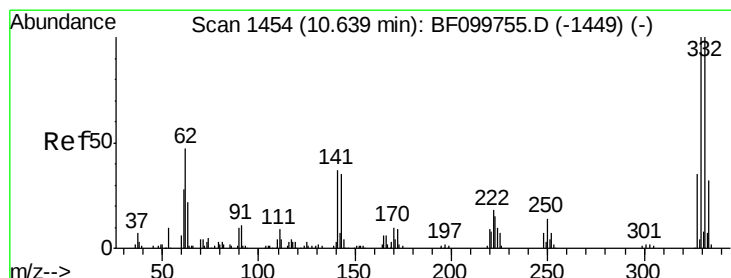
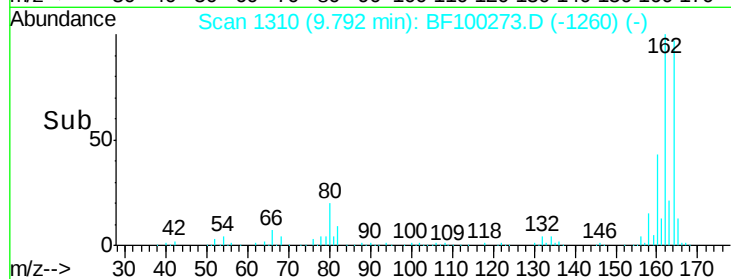
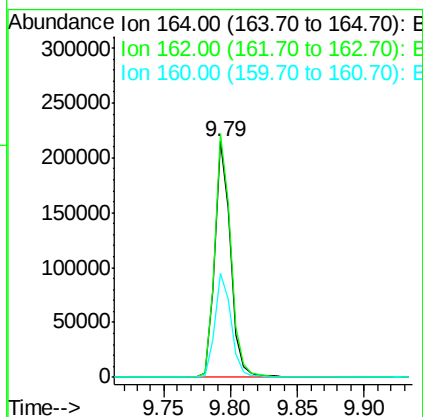
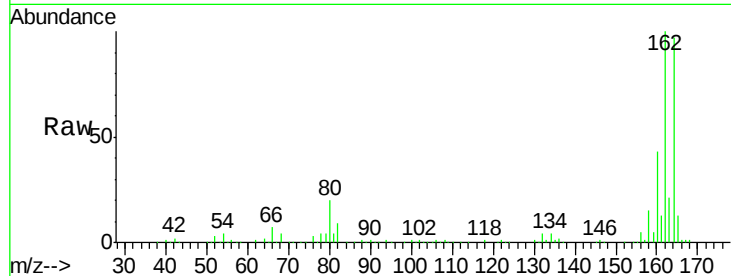
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.79 min Scan# 1310
 Delta R.T. -0.01 min
 Lab File: BF100273.D
 Acq: 7 Nov 2017 4:34

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

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	180526		
162	103.3	86.1	129.1	
160	43.9	38.3	57.5	

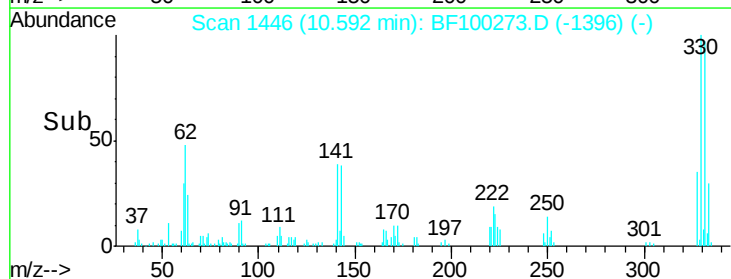
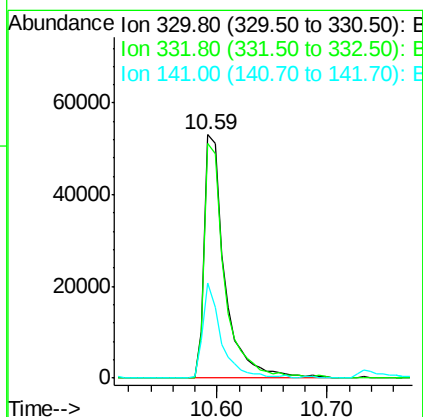
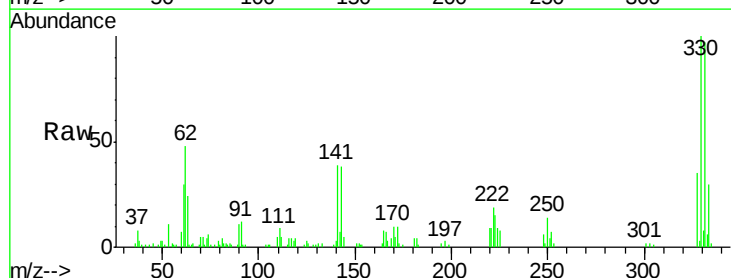
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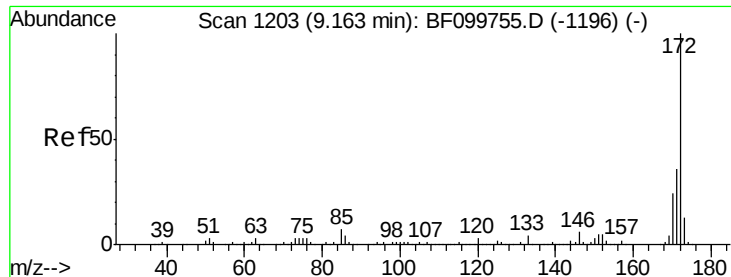
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#41
 2,4,6-Tribromophenol
 Concen: 40.402 ng
 RT: 10.59 min Scan# 1446
 Delta R.T. -0.01 min
 Lab File: BF100273.D
 Acq: 7 Nov 2017 4:34

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	66468		
332	96.3	77.0	115.6	
141	35.4	29.9	44.9	





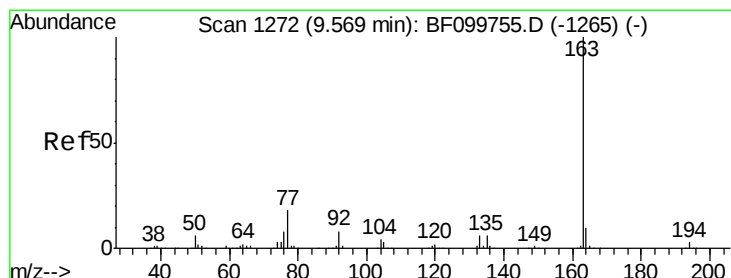
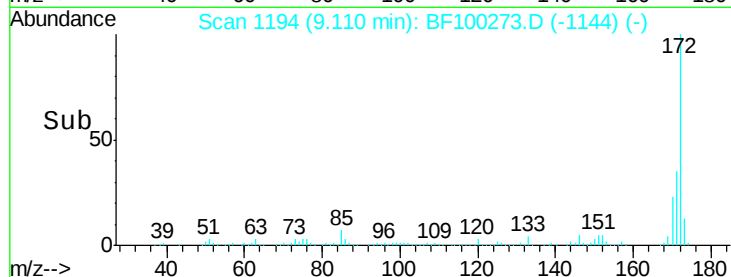
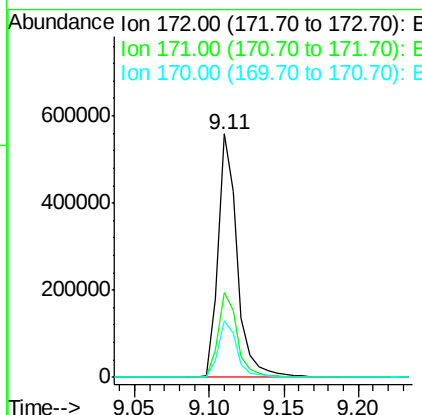
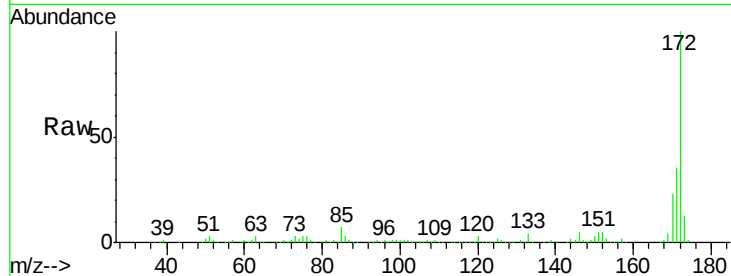
#44
2-Fluorobiphenyl
Concen: 43.051 ng
RT: 9.11 min Scan# 1194
Delta R.T. -0.01 min
Lab File: BF100273.D
Acq: 7 Nov 2017 4:34

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

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	503738		
171	35.0	29.7	44.5	
170	23.2	19.6	29.4	

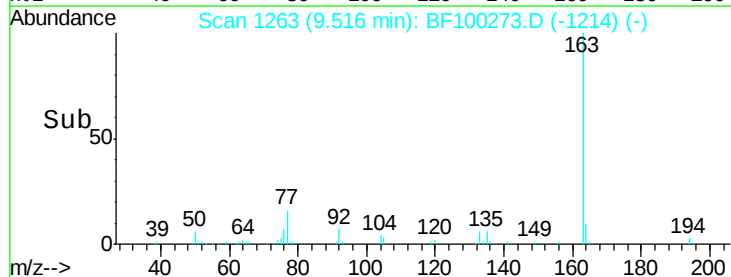
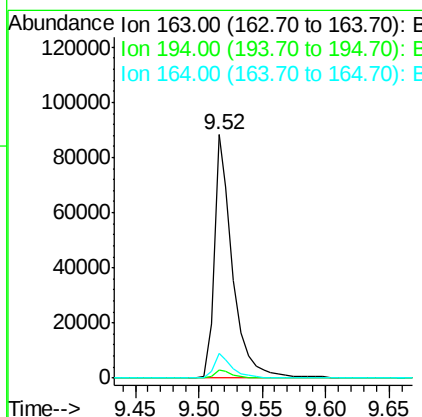
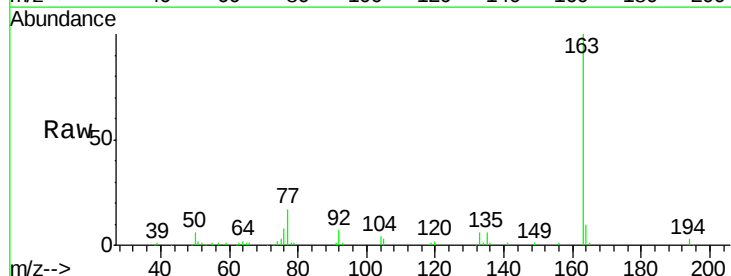
Manual Integrations
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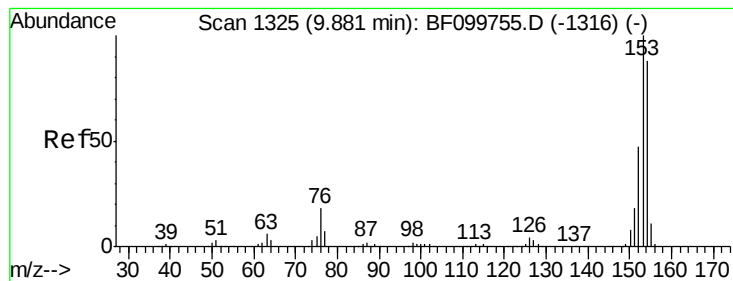
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#49
Dimethylphthalate
Concen: 6.242 ng
RT: 9.52 min Scan# 1263
Delta R.T. -0.01 min
Lab File: BF100273.D
Acq: 7 Nov 2017 4:34

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	89236		
194	3.3	2.7	4.1	
164	10.0	8.2	12.2	





#51

Acenaphthene

Concen: 5.157 ng

RT: 9.83 min Scan# 1316

Delta R.T. -0.01 min

Lab File: BF100273.D

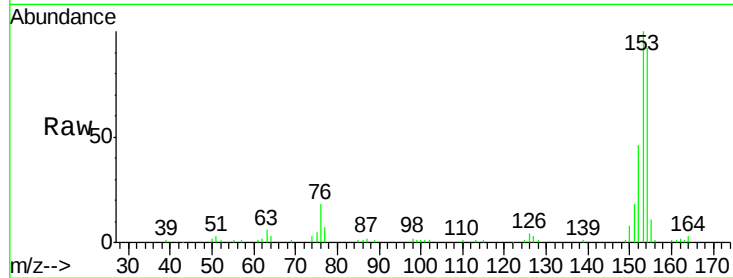
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Instrument :

BNA_F

ClientSampleId :

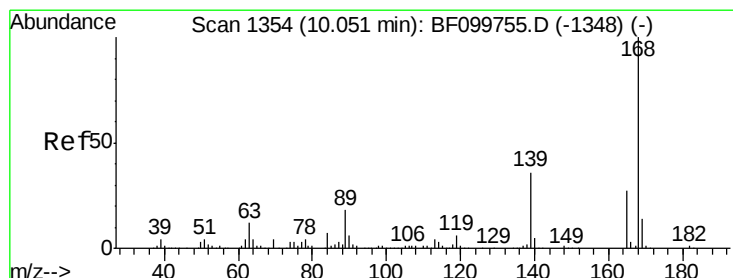
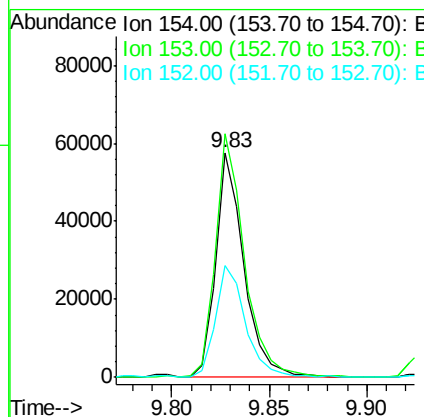
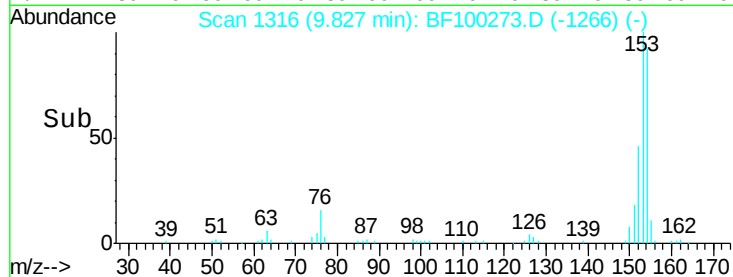
CF-1B(4-5)



Tgt Ion:	154	Resp:	57556
Ion Ratio	Lower	Upper	
154	100		
153	108.4	91.2	136.8
152	49.9	43.8	65.8

Manual Integrations
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#54

Dibenzofuran

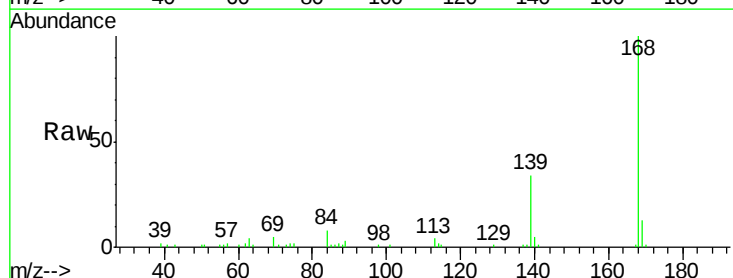
Concen: 3.863 ng

RT: 10.02 min Scan# 1348

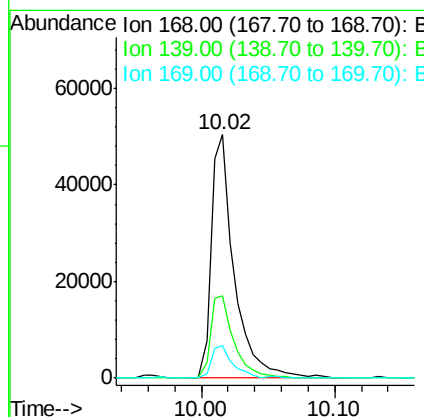
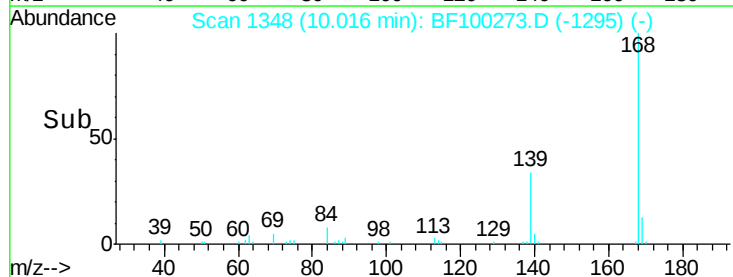
Delta R.T. 0.01 min

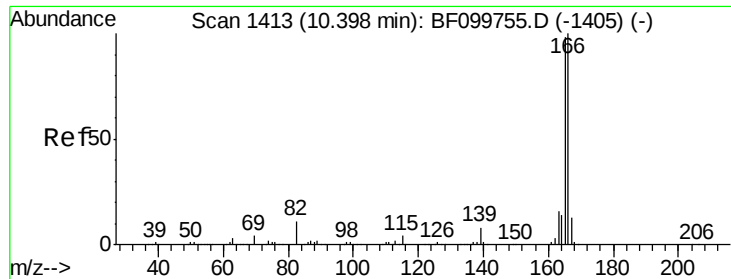
Lab File: BF100273.D

Acq: 7 Nov 2017 4:34



Tgt Ion:	168	Resp:	60870
Ion Ratio	Lower	Upper	
168	100		
139	33.6	30.1	45.1
169	13.1	10.9	16.3





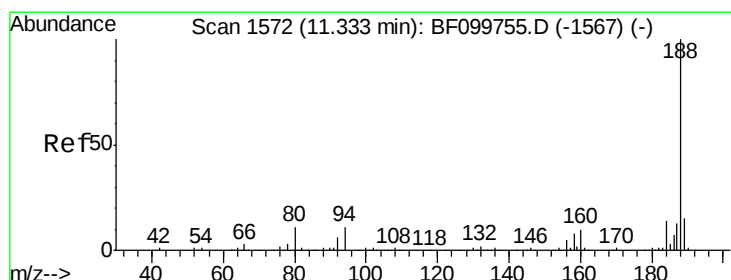
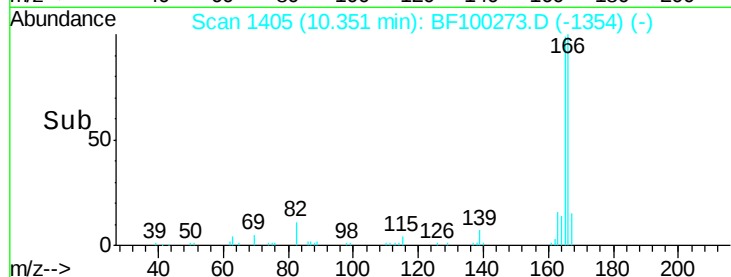
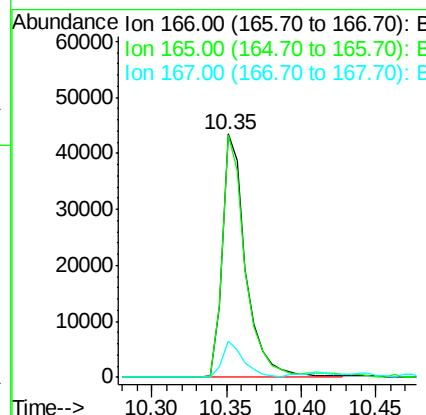
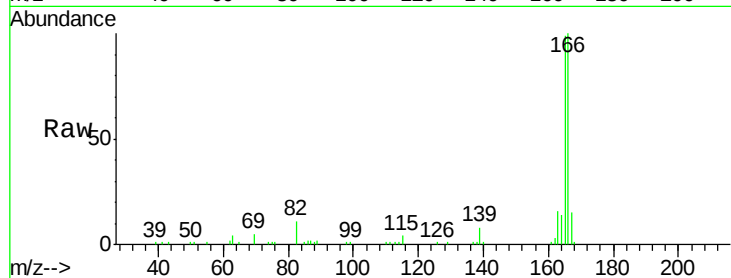
#57
Fluorene
 Concen: 3.673 ng
 RT: 10.35 min Scan# 1405
 Delta R.T. -0.00 min
 Lab File: BF100273.D
 Acq: 7 Nov 2017 4:34

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

Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.3	79.8	119.8
167	14.7	10.6	16.0

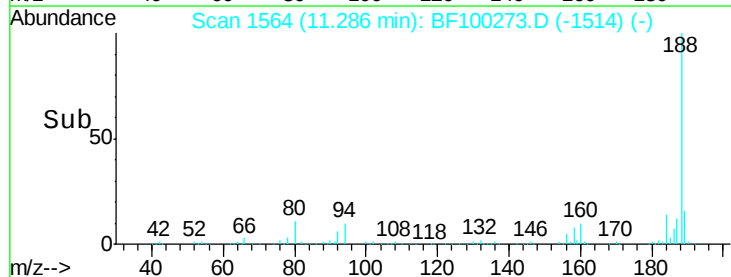
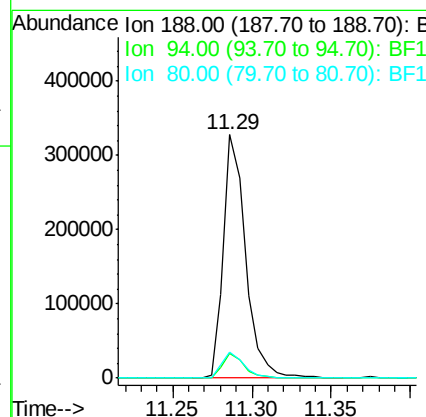
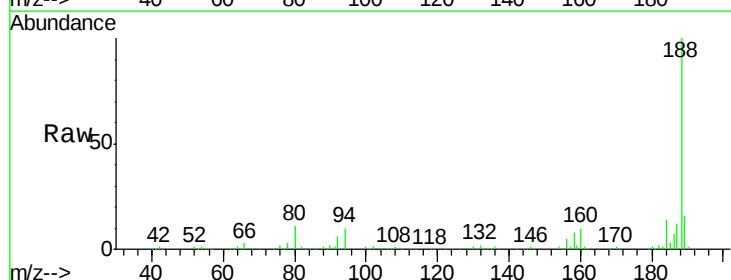
Manual Integrations
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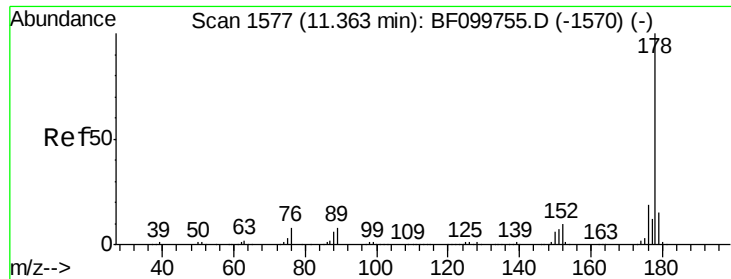
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#63
Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.29 min Scan# 1564
 Delta R.T. -0.01 min
 Lab File: BF100273.D
 Acq: 7 Nov 2017 4:34

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.4	8.5	12.7
80	10.9	9.2	13.8





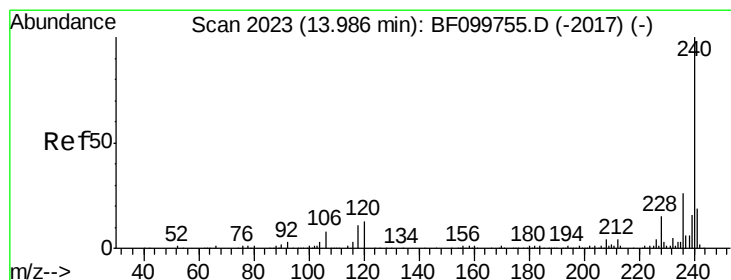
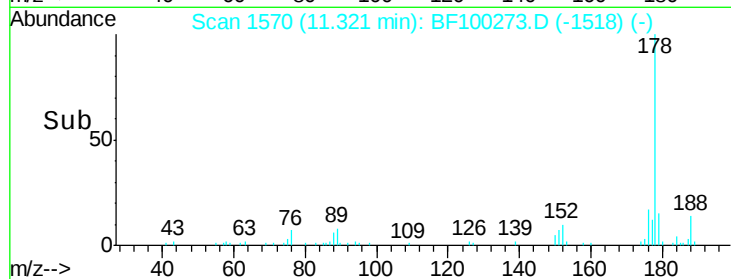
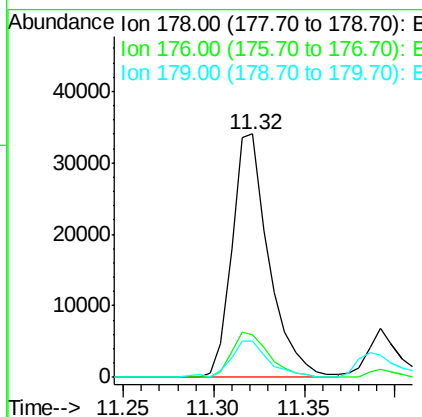
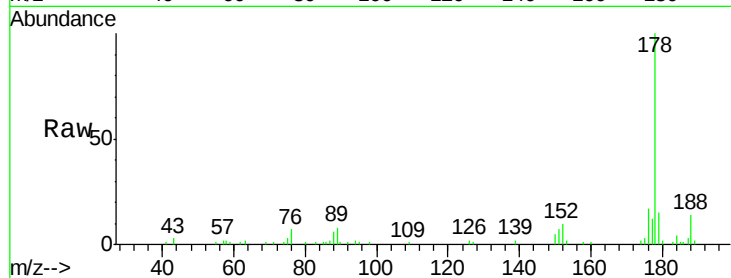
#70
 Phenanthrene
 Concen: 2.668 ng
 RT: 11.32 min Scan# 1570
 Delta R.T. 0.01 min
 Lab File: BF100273.D
 Acq: 7 Nov 2017 4:34

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

Tgt Ion	Ratio	Lower	Upper
178	100		
176	17.5	15.8	23.8
179	15.0	13.0	19.6

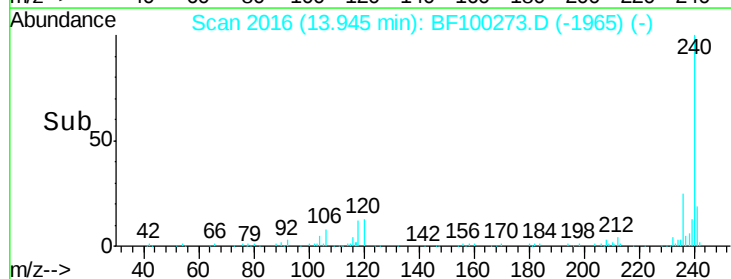
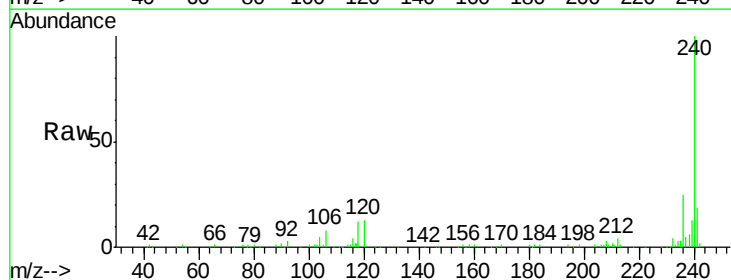
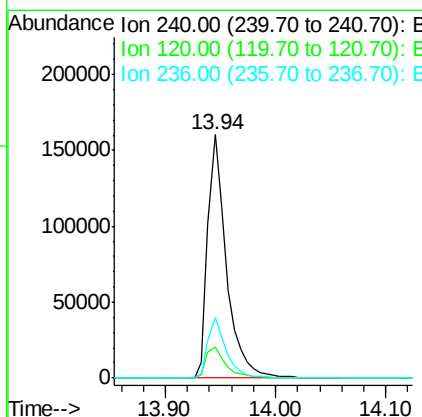
Manual Integrations
 APPROVED

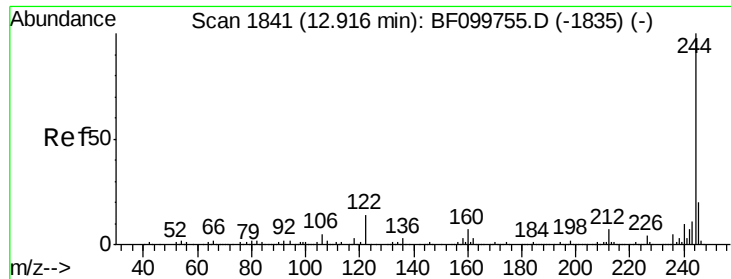
Sohil
 11/7/2017 5:40:02 PM



#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.94 min Scan# 2016
 Delta R.T. -0.00 min
 Lab File: BF100273.D
 Acq: 7 Nov 2017 4:34

Tgt Ion	Ratio	Lower	Upper
240	100		
120	12.7	9.5	14.3
236	25.0	20.7	31.1





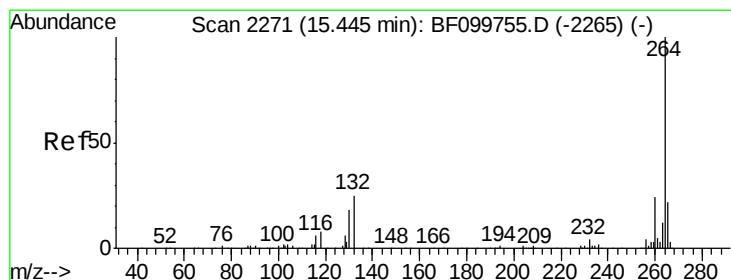
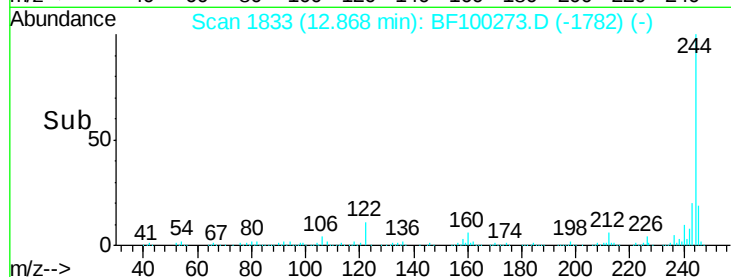
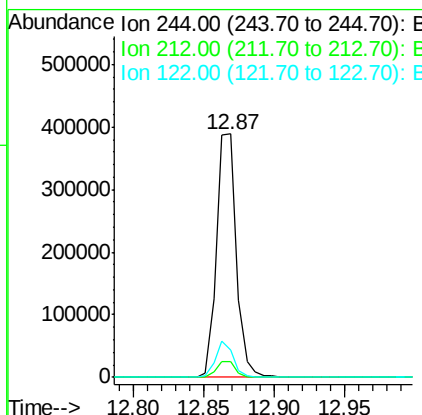
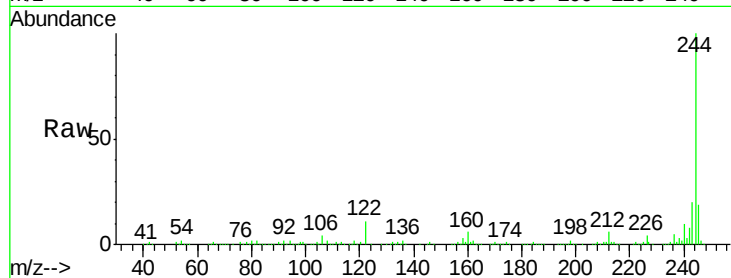
#78
 Terphenyl-d14
 Concen: 44.825 ng
 RT: 12.87 min Scan# 1833
 Delta R.T. -0.00 min
 Lab File: BF100273.D
 Acq: 7 Nov 2017 4:34

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

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.3	5.4	8.0
122	11.4	11.0	16.4

Manual Integrations
 APPROVED

Sohil
 11/7/2017 5:40:02 PM



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.41 min Scan# 2265
 Delta R.T. 0.01 min
 Lab File: BF100273.D
 Acq: 7 Nov 2017 4:34

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	20.7	17.5	26.3

