

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF110117\
 Data File : BF100058.D
 Acq On : 1 Nov 2017 21:37
 Operator : SJ/JU
 Sample : I6236-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 133

Manual Integrations
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Sohil
 11/2/2017 4:27:28 PM

Quant Time: Nov 02 04:17:43 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 01 18:13:08 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	88294	20.00	ng	0.00
21) Naphthalene-d8	8.06	136	348396	20.00	ng	0.00
38) Acenaphthene-d10	9.82	164	145544	20.00	ng	0.00
63) Phenanthrene-d10	11.35	188	215977	20.00	ng	0.04
75) Chrysene-d12	14.63	240	167282m	20.00	ng	0.66
86) Perylene-d12	16.81	264	155645m	20.00	ng	1.35
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	266598	47.40	ng	0.01
7) Phenol-d6	6.43	99	590608	88.57	ng	0.00
23) Nitrobenzene-d5	7.35	82	382439	70.67	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	19665	14.83	ng	0.01
44) 2-Fluorobiphenyl	9.14	172	781909	82.89	ng	0.00
78) Terphenyl-d14	13.18	244	549635m	71.80	ng	0.28
Target Compounds						
49) Dimethylphthalate	9.54	163	118410	10.273	ng	99
59) Diethylphthalate	10.24	149	33366	2.964	ng	96
70) Phenanthrene	11.37	178	125154	10.268	ng	96
71) Anthracene	11.43	178	40339	3.260	ng	97
74) Fluoranthene	12.72	202	153388	12.109	ng	97
77) Pyrene	13.00	202	129148m	10.153	ng	

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

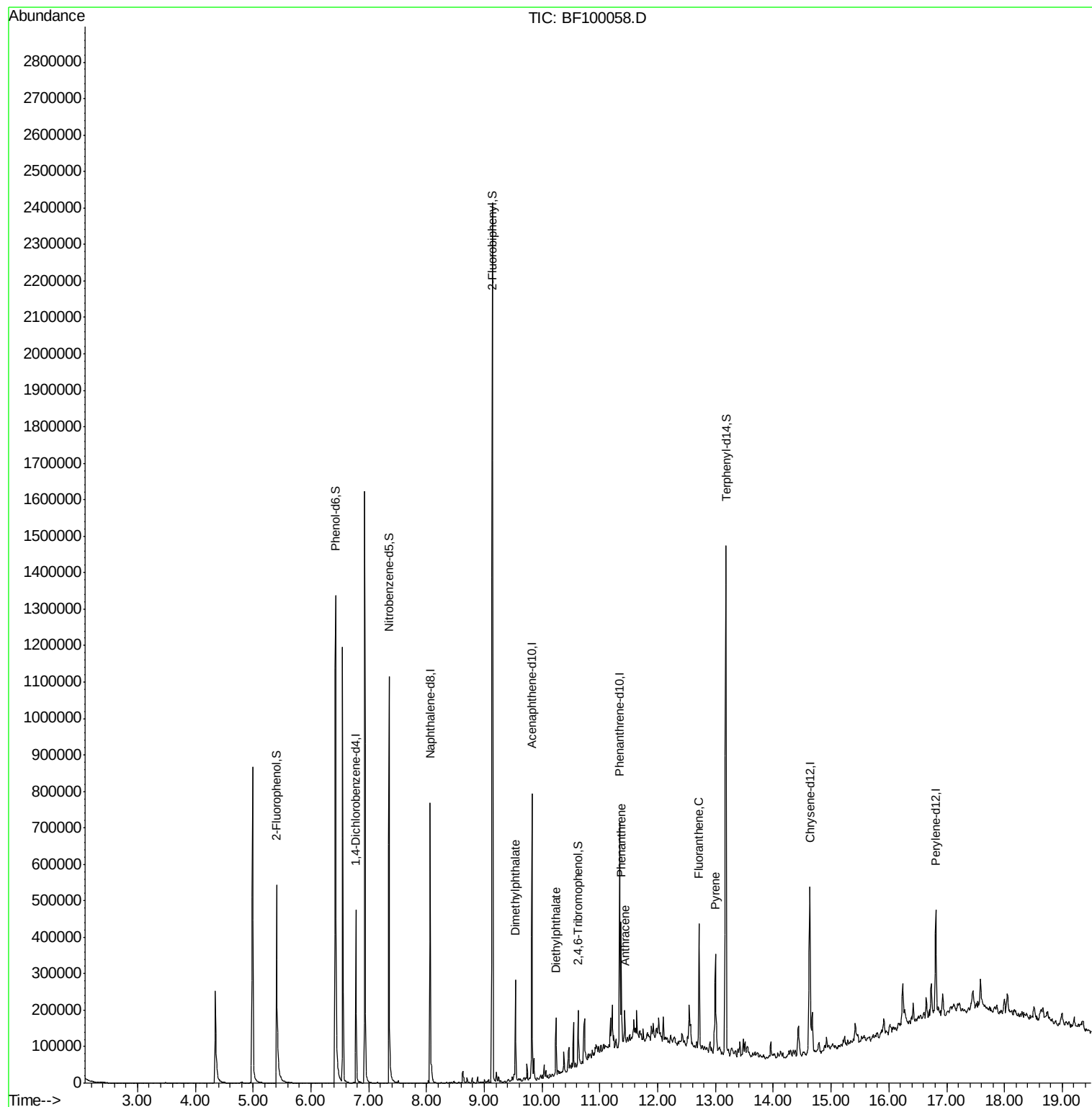
Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF110117\
Data File : BF100058.D
Acq On : 1 Nov 2017 21:37
Operator : SJ/JU
Sample : I6236-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

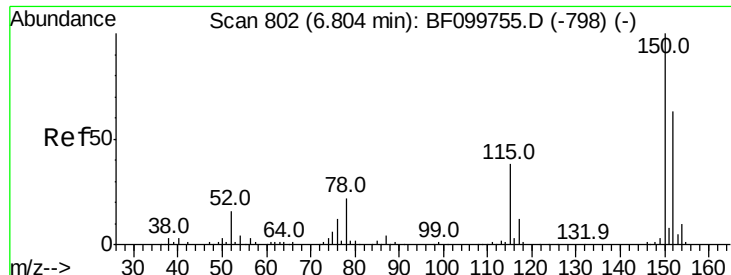
Instrument :
BNA_F
ClientSampled :
133

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Quant Time: Nov 02 04:17:43 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration





#1

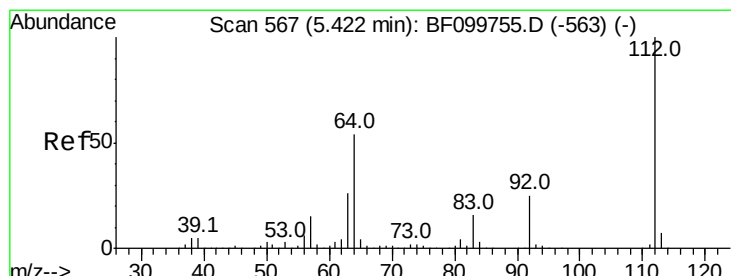
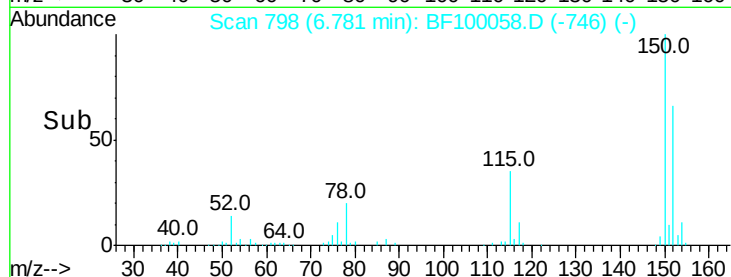
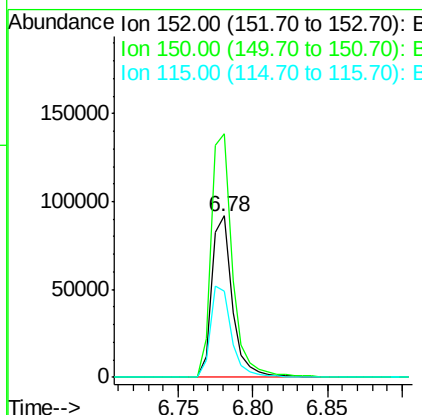
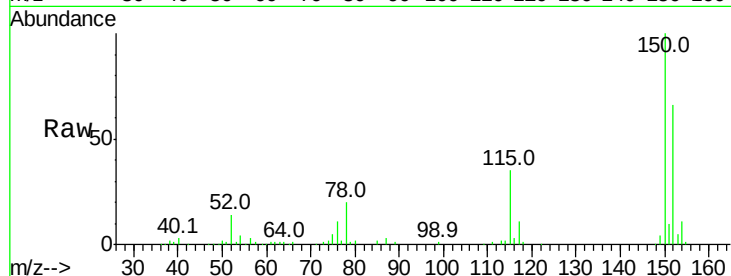
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.78 min Scan# 798
Delta R.T. 0.01 min
Lab File: BF100058.D
Acq: 1 Nov 2017 21:37

Instrument :
BNA_F
ClientSampled :
133

Tot Ion	Ratio	Lower	Upper
152	100		
150	151.0	124.6	186.8
115	53.4	50.1	75.1

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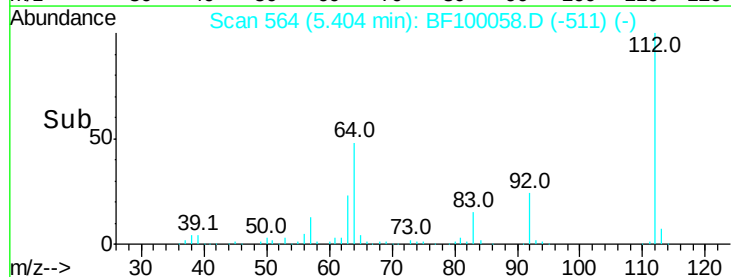
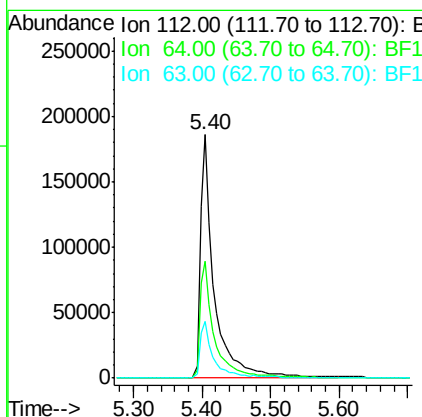
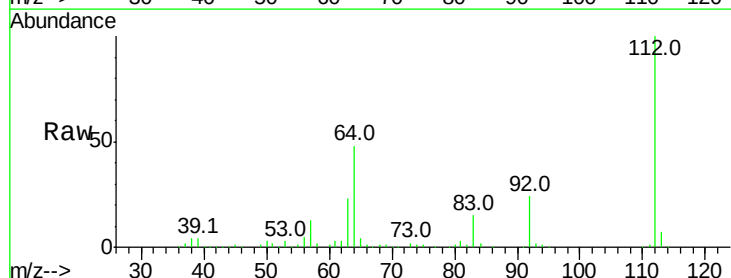
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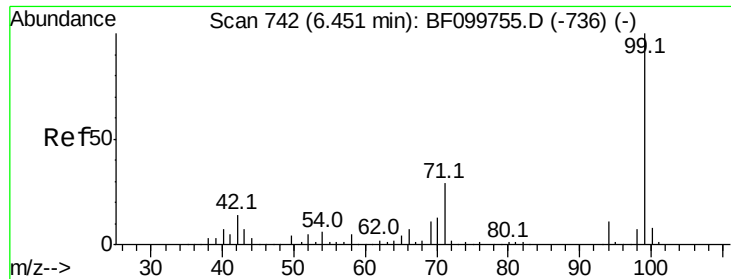


#5

2-Fluorophenol
Concen: 47.404 ng
RT: 5.40 min Scan# 564
Delta R.T. 0.01 min
Lab File: BF100058.D
Acq: 1 Nov 2017 21:37

Tgt Ion	Ratio	Lower	Upper
112	100		
64	48.1	47.9	71.9
63	23.2	23.7	35.5#





#7

Phenol-d6

Concen: 88.568 ng

RT: 6.43 min Scan# 738

Delta R.T. 0.00 min

Lab File: BF100058.D

Acq: 1 Nov 2017 21:37

Instrument :

BNA_F

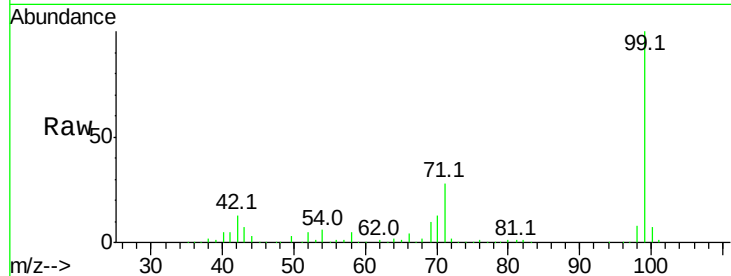
ClientSampled :

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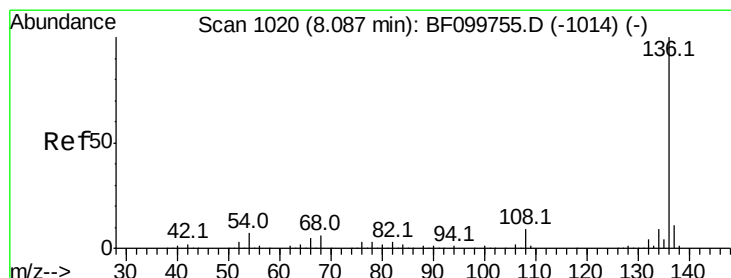
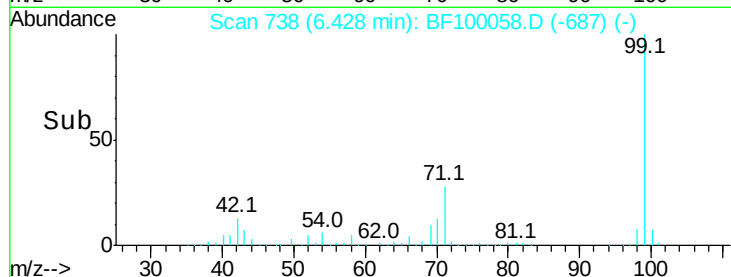
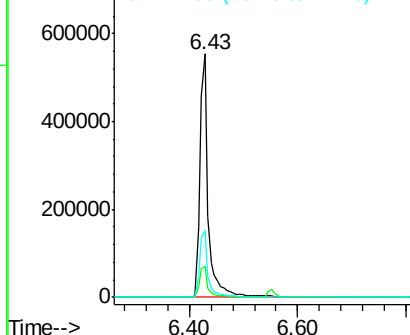
Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		590608		
42	12.8	14.5	21.7#		
71	27.7	25.4	38.0		

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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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.06 min Scan# 1016

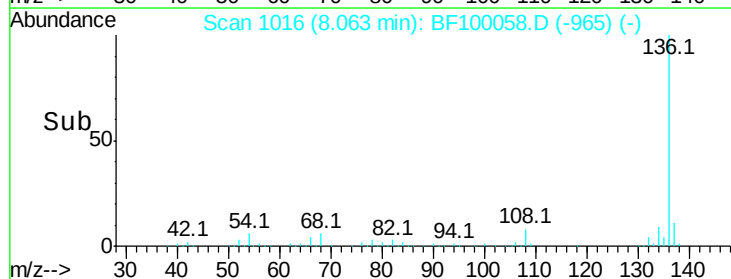
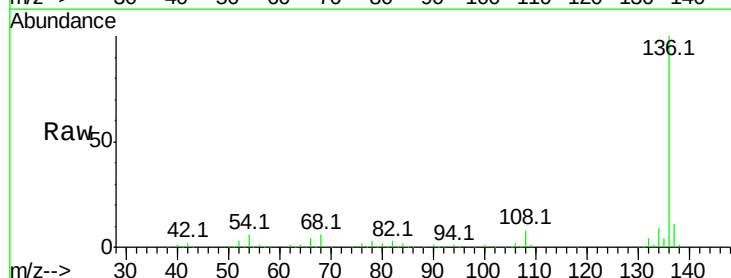
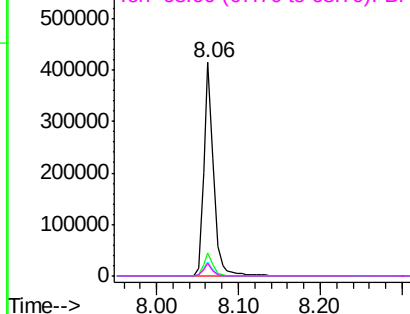
Delta R.T. 0.00 min

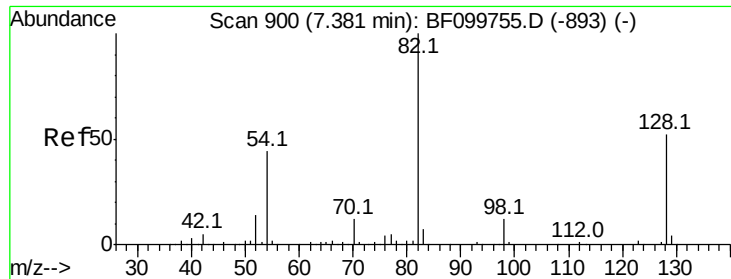
Lab File: BF100058.D

Acq: 1 Nov 2017 21:37

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100		348396		
137	10.8	8.9	13.3		
54	6.5	6.6	9.8#		
68	5.8	5.0	7.4		

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





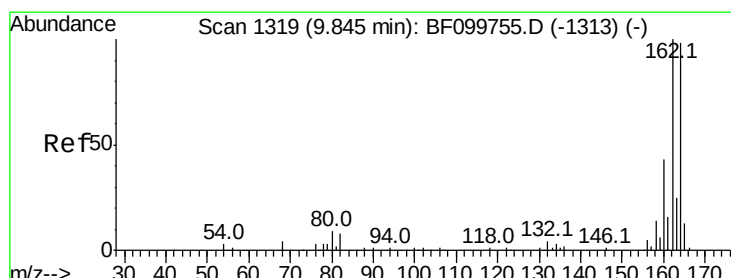
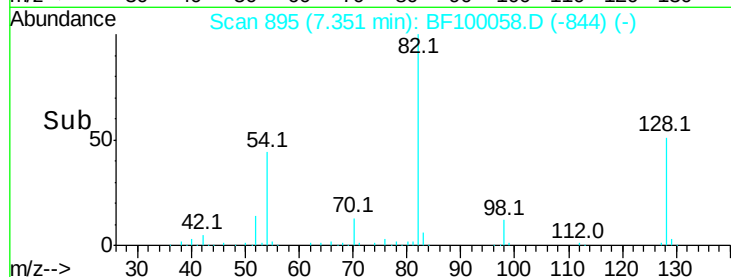
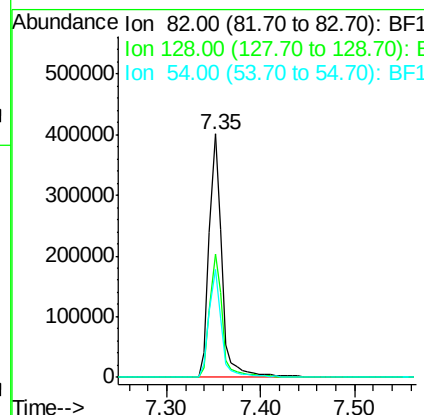
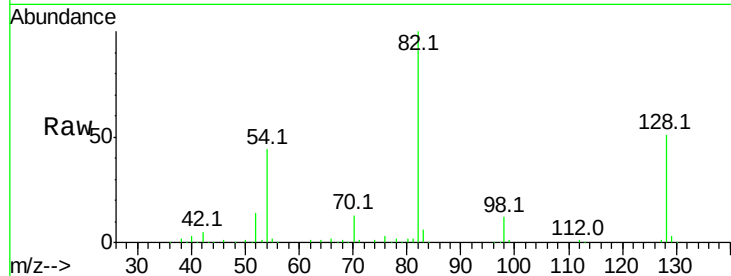
#23
Nitrobenzene-d5
Concen: 70.671 ng
RT: 7.35 min Scan# 895
Delta R.T. 0.00 min
Lab File: BF100058.D
Acq: 1 Nov 2017 21:37

Instrument :
BNA_F
ClientSampled :
133

Tot Ion	82	Resp	382439
Ion Ratio	100	Lower	Upper
128	50.7	36.1	54.1
54	44.1	41.4	62.2

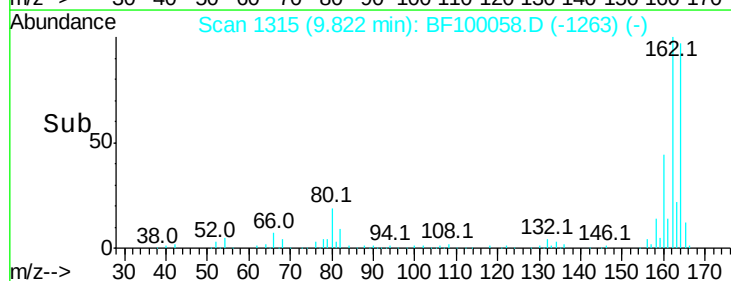
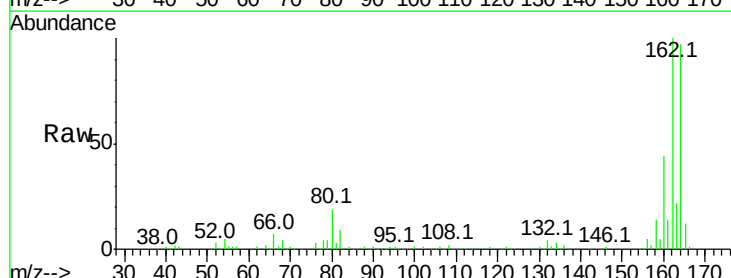
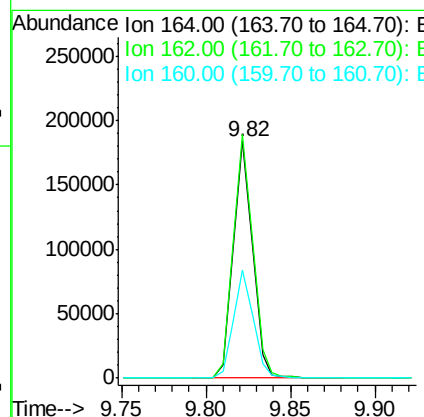
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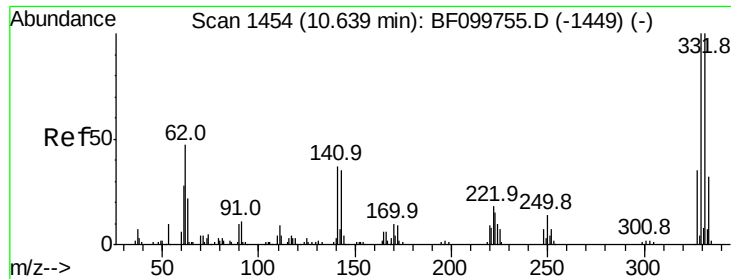
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.82 min Scan# 1315
Delta R.T. 0.01 min
Lab File: BF100058.D
Acq: 1 Nov 2017 21:37

Tgt Ion	164	Resp	145544
Ion Ratio <td>100</td> <td>Lower</td> <td>Upper</td>	100	Lower	Upper
162	102.9	86.1	129.1
160	45.6	38.3	57.5





#41

2,4,6-Tribromophenol

Concen: 14.826 ng

RT: 10.63 min Scan# 1452

Delta R.T. 0.01 min

Lab File: BF100058.D

Acq: 1 Nov 2017 21:37

Instrument :

BNA_F

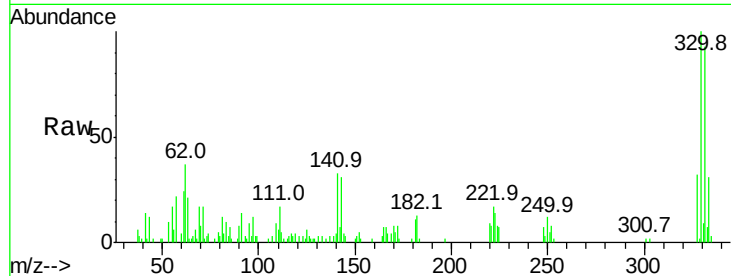
ClientSampled :

133

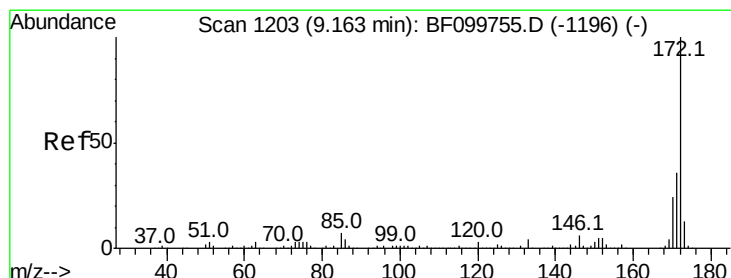
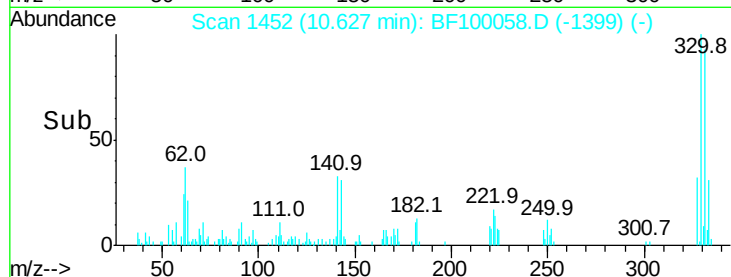
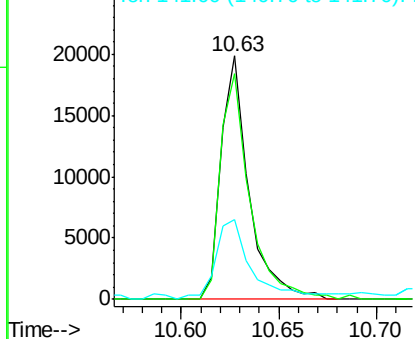
Tot Ion:	330	Resp:	19665
Ion Ratio	Lower	Upper	
330	100		
332	98.3	77.0	115.6
141	43.8	29.9	44.9

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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: 82.886 ng

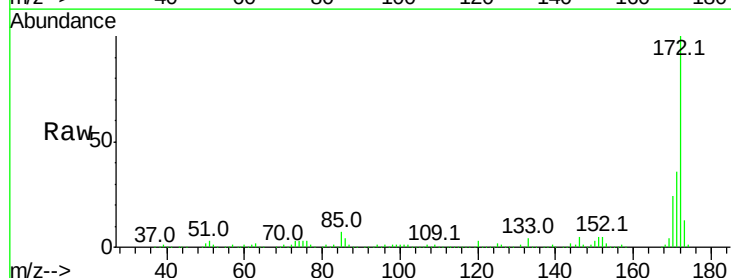
RT: 9.14 min Scan# 1199

Delta R.T. 0.01 min

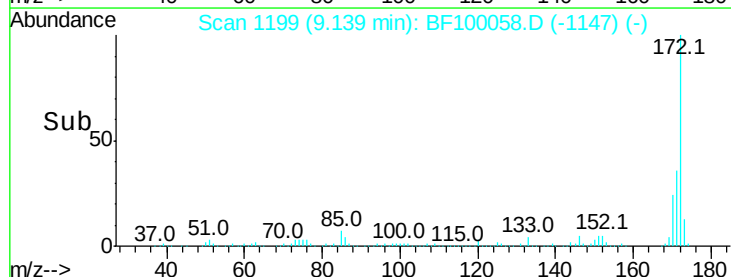
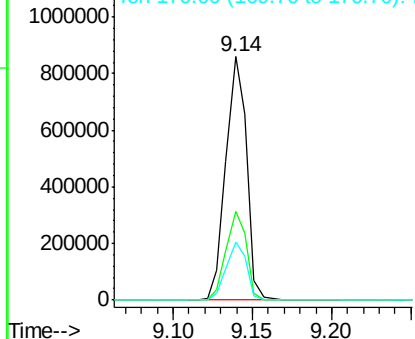
Lab File: BF100058.D

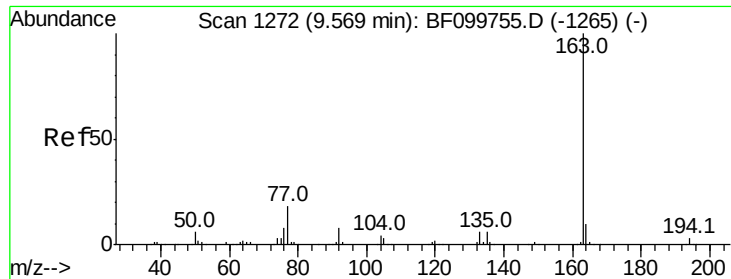
Acq: 1 Nov 2017 21:37

Tgt Ion:	172	Resp:	781909
Ion Ratio	Lower	Upper	
172	100		
171	36.4	29.7	44.5
170	24.0	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





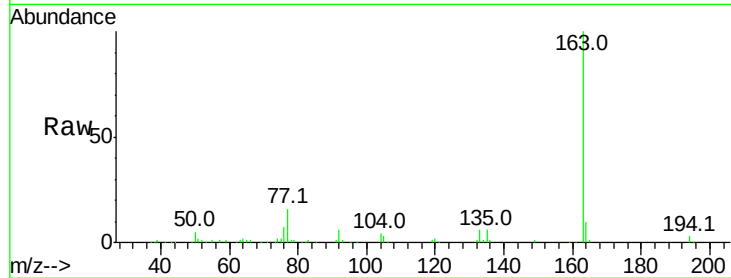
#49
Dimethylphthalate
Concen: 10.273 ng
RT: 9.54 min Scan# 1267
Delta R.T. 0.00 min
Lab File: BF100058.D
Acq: 1 Nov 2017 21:37

Instrument :
BNA_F
ClientSampled :
133

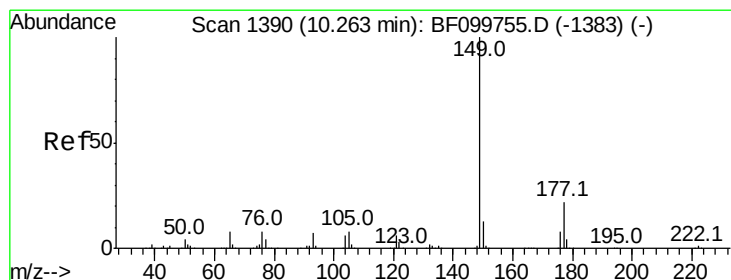
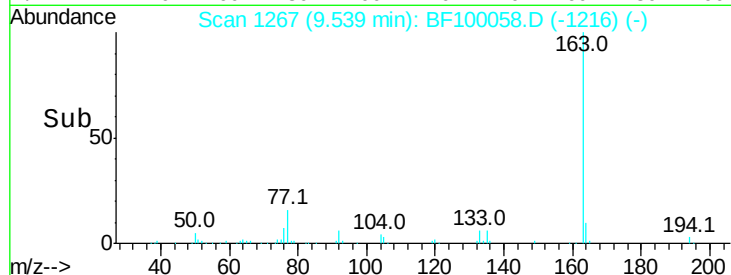
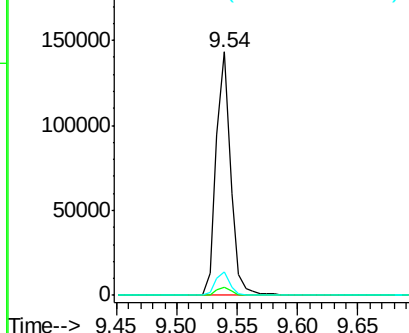
Tot Ion	Ratio	Resp	Lower	Upper
163	100	118410		
194	3.3	2.7	4.1	
164	9.7	8.2	12.2	

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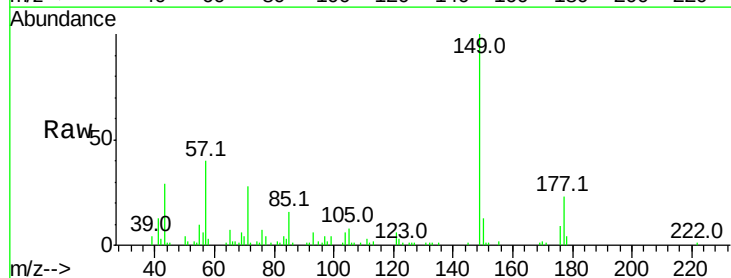


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

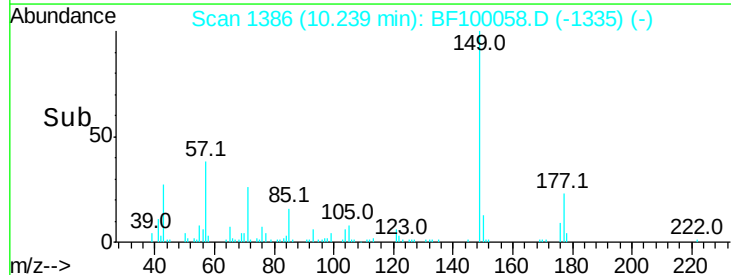
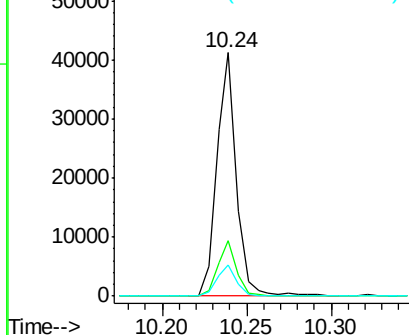


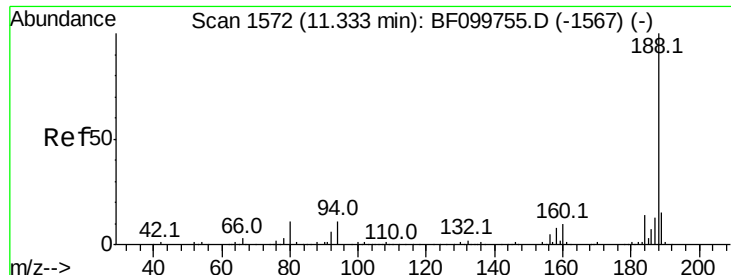
#59
Diethylphthalate
Concen: 2.964 ng
RT: 10.24 min Scan# 1386
Delta R.T. 0.00 min
Lab File: BF100058.D
Acq: 1 Nov 2017 21:37

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	33366		
177	23.0	16.1	24.1	
150	12.5	10.1	15.1	



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.35 min Scan# 1574

Delta R.T. 0.04 min

Lab File: BF100058.D

Acq: 1 Nov 2017 21:37

Instrument :

BNA_F

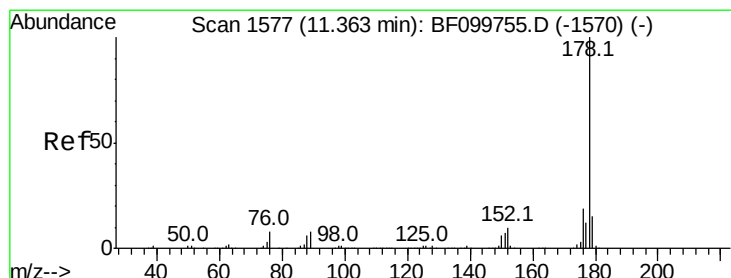
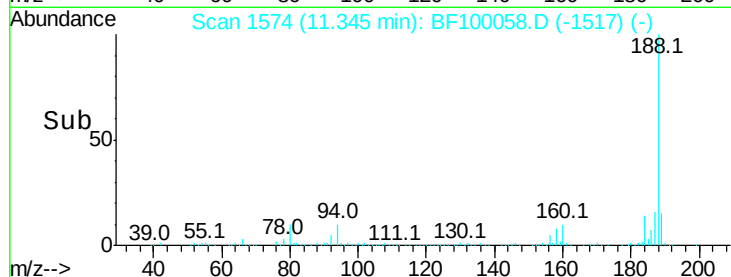
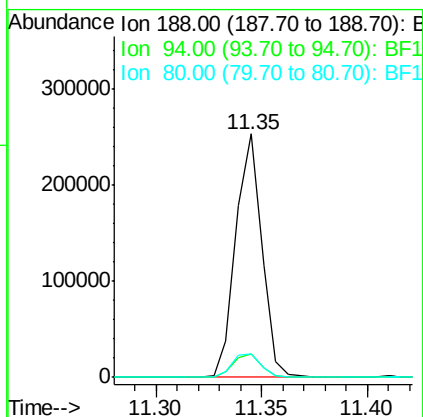
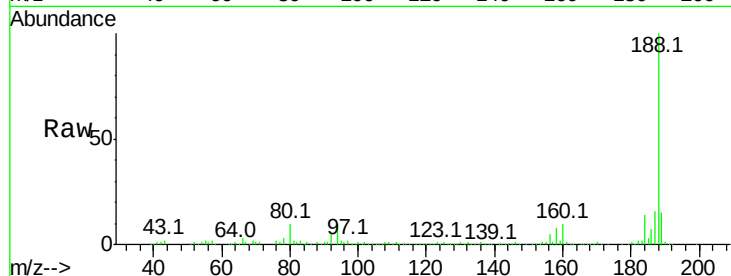
ClientSampleId :

133

Tot Ion:	188	Resp:	215977
Ion Ratio	Lower	Upper	
188	100		
94	9.8	8.5	12.7
80	9.8	9.2	13.8

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#70

Phenanthrene

Concen: 10.268 ng

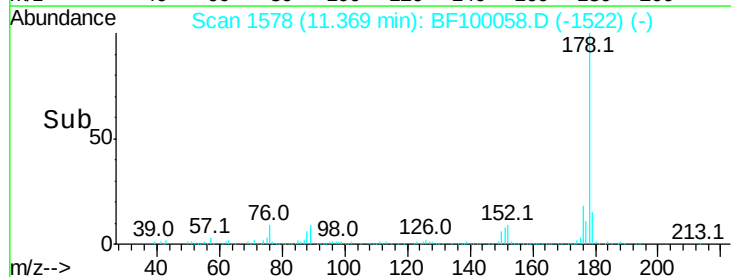
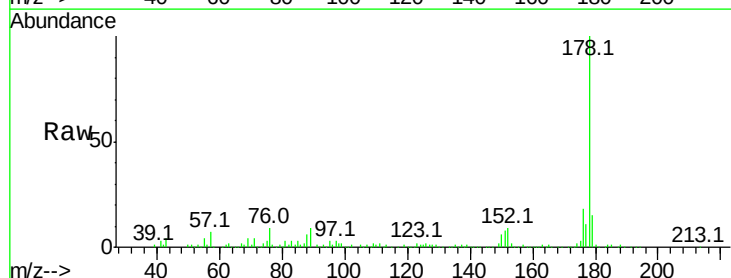
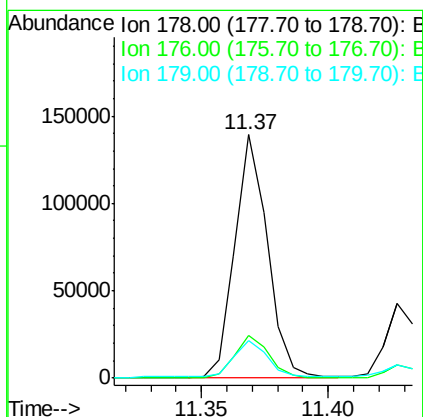
RT: 11.37 min Scan# 1578

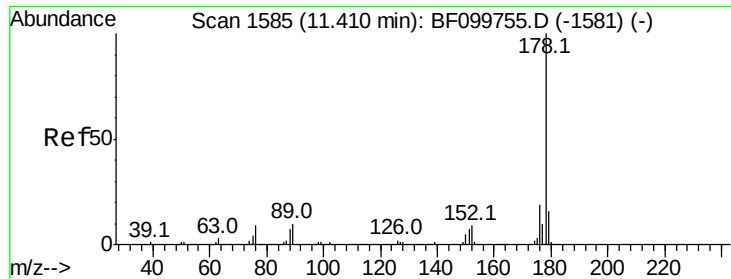
Delta R.T. 0.03 min

Lab File: BF100058.D

Acq: 1 Nov 2017 21:37

Tgt Ion:	178	Resp:	125154
Ion Ratio	Lower	Upper	
178	100		
176	17.6	15.8	23.8
179	15.3	13.0	19.6





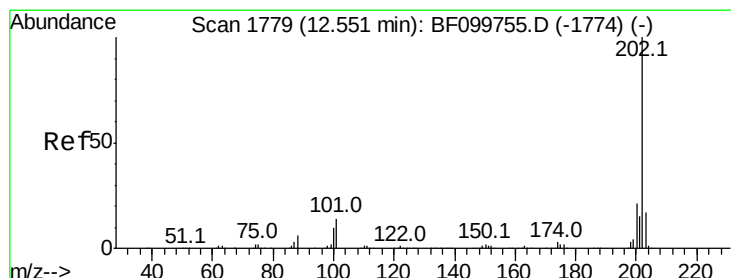
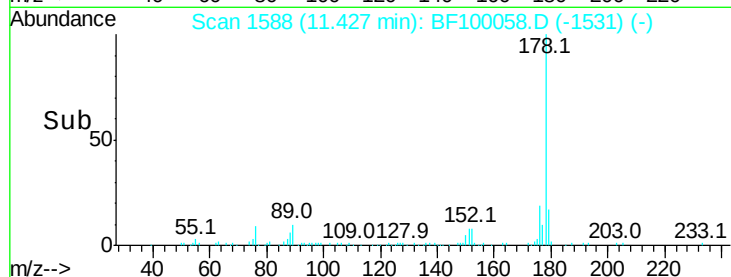
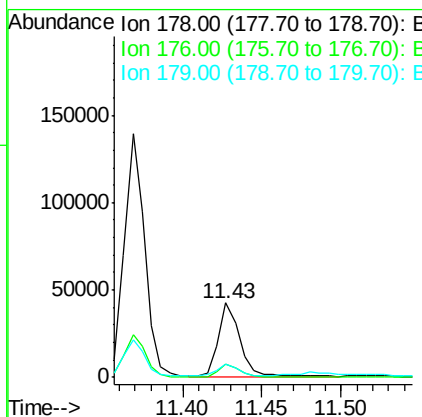
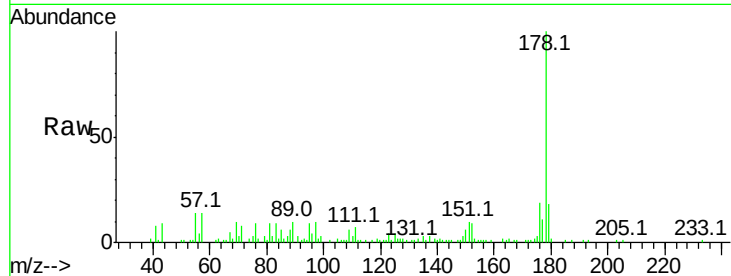
#71
 Anthracene
 Concen: 3.260 ng
 RT: 11.43 min Scan# 1588
 Delta R.T. 0.04 min
 Lab File: BF100058.D
 Acq: 1 Nov 2017 21:37

Instrument :
 BNA_F
 ClientSampled :
 133

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.4	23.2
179	17.7	12.6	19.0

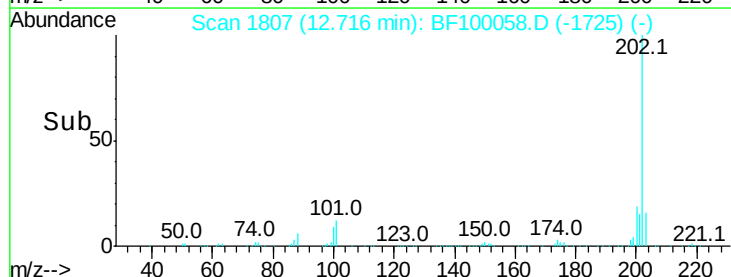
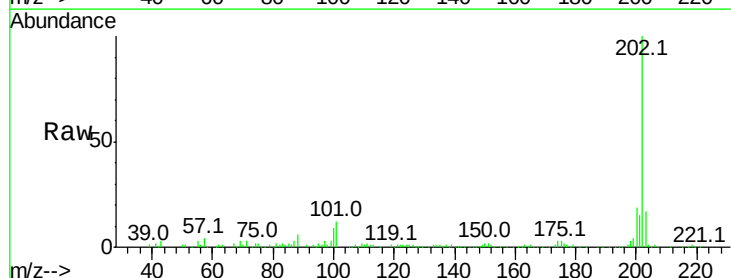
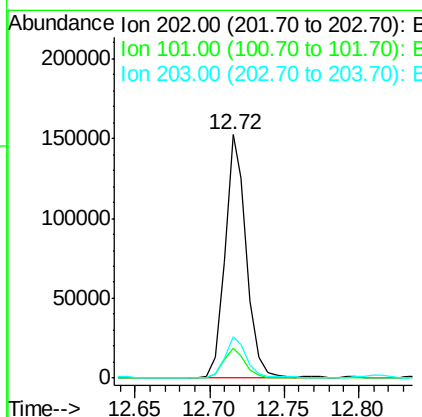
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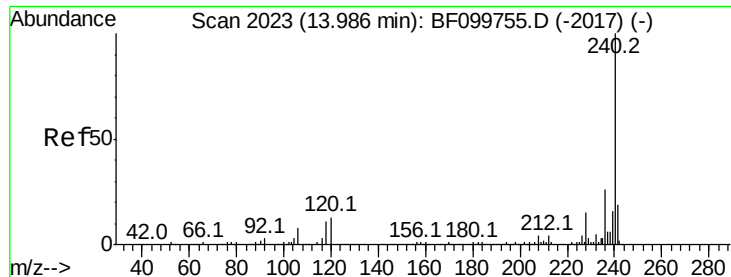
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#74
 Fluoranthene
 Concen: 12.109 ng
 RT: 12.72 min Scan# 1807
 Delta R.T. 0.18 min
 Lab File: BF100058.D
 Acq: 1 Nov 2017 21:37

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.4	0.0	34.1
203	16.8	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng m

RT: 14.63 min Scan# 2133

Delta R.T. 0.66 min

Lab File: BF100058.D

Acq: 1 Nov 2017 21:37

Instrument :

BNA_F

ClientSampleId :

133

Tot Ion:240 Resp: 167282

Ion Ratio Lower Upper

240 100

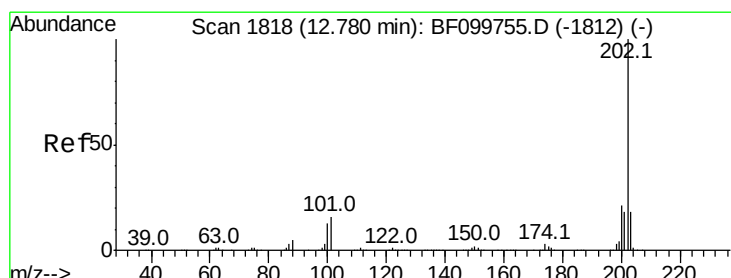
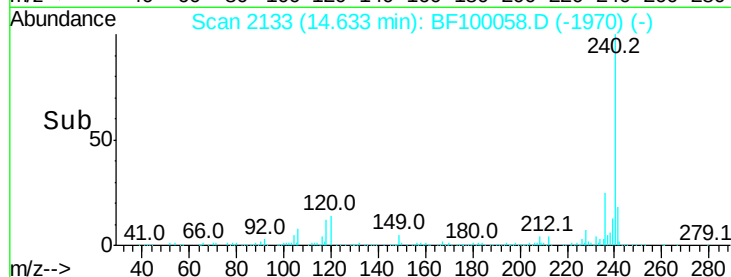
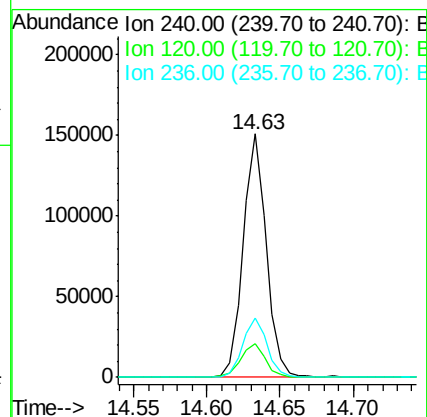
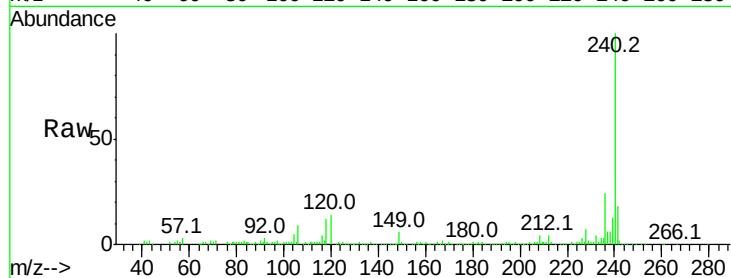
120 13.6 9.5 14.3

236 24.5 20.7 31.1

Manual Integrations
APPROVED

Sohil

11/2/2017 4:27:28 PM



#77

Pyrene

Concen: 10.153 ng m

RT: 13.00 min Scan# 1855

Delta R.T. 0.24 min

Lab File: BF100058.D

Acq: 1 Nov 2017 21:37

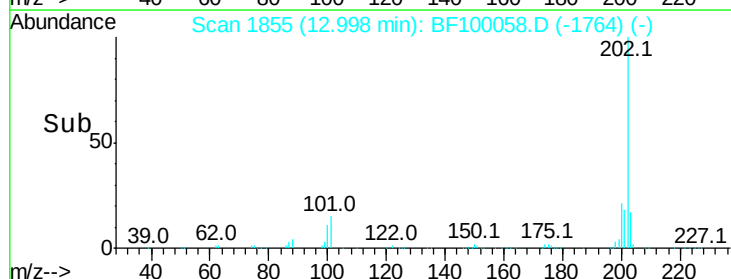
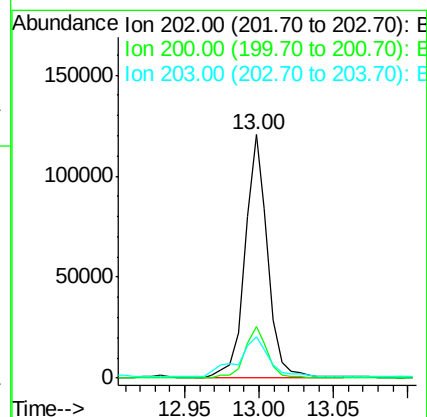
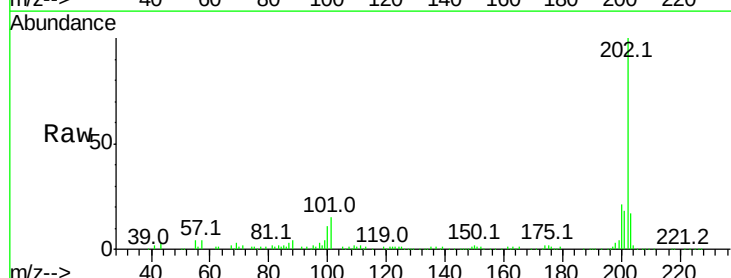
Tgt Ion:202 Resp: 129148

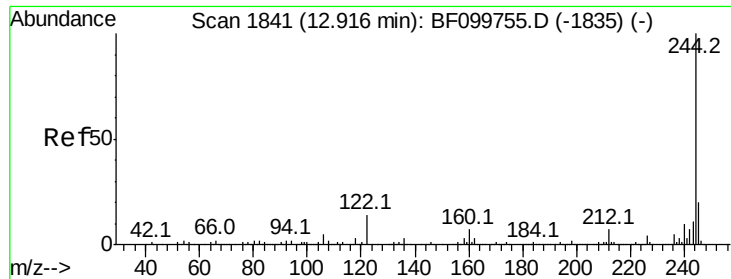
Ion Ratio Lower Upper

202 100

200 21.2 17.4 26.2

203 17.2 14.3 21.5





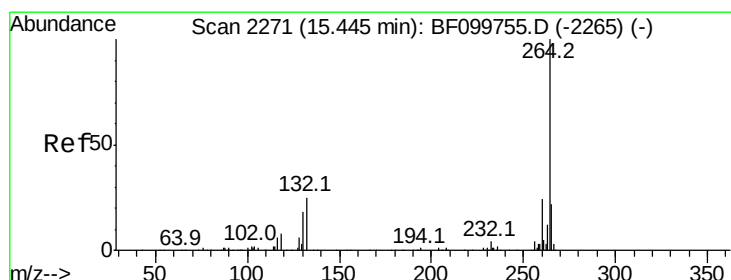
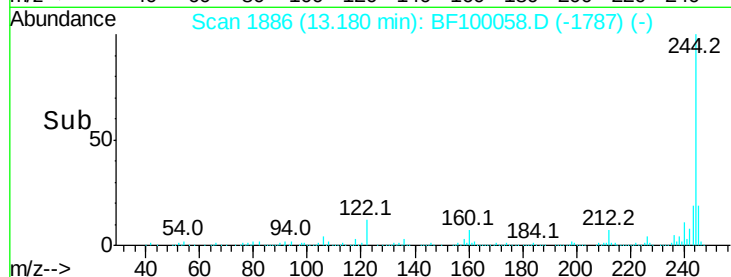
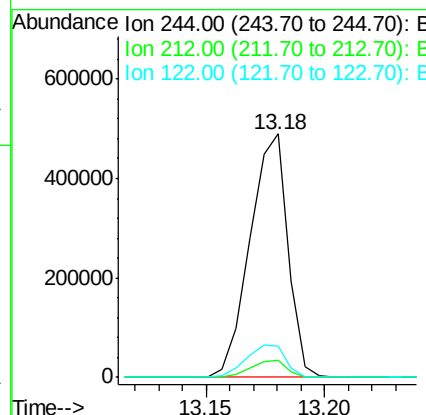
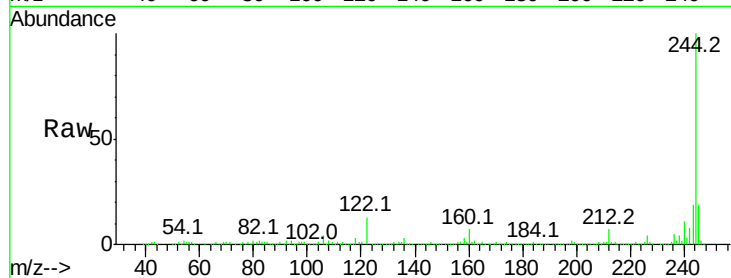
#78
 Terphenyl-d14
 Concen: 71.804 ng m
 RT: 13.18 min Scan# 1886
 Delta R.T. 0.28 min
 Lab File: BF100058.D
 Acq: 1 Nov 2017 21:37

Instrument :
 BNA_F
 ClientSampleId :
 133

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.4	8.0
122	12.6	11.0	16.4

Manual Integrations
 APPROVED

Sohil
 11/2/2017 4:27:28 PM



#86
 Perylene-d12
 Concen: 20.000 ng m
 RT: 16.81 min Scan# 2503
 Delta R.T. 1.35 min
 Lab File: BF100058.D
 Acq: 1 Nov 2017 21:37

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.9	19.2	28.8
265	21.4	17.5	26.3

