

Data Path : Z:\HPCHEM1\BNA F\DATA\BF103117\
 Data File : BF100029.D
 Acq On : 1 Nov 2017 6:03
 Operator : SJ/JU
 Sample : I6201-01
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CF-1A(0-2.5)

Manual Integrations
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Quant Time: Nov 01 08:38:10 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 31 16:51:57 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	100186	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	400060	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	177042	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	299733	20.00	ng	0.00
75) Chrysene-d12	13.98	240	196768	20.00	ng	0.00
86) Perylene-d12	15.46	264	172578	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	611786	95.87	ng	0.01
7) Phenol-d6	6.43	99	727359	96.13	ng	0.00
23) Nitrobenzene-d5	7.36	82	407224	65.53	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	148379	91.97	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	717514	62.53	ng	0.00
78) Terphenyl-d14	12.91	244	565156	62.77	ng	0.00
Target Compounds						
10) Phenol	6.45	94	41883	5.041	ng	93
49) Dimethylphthalate	9.55	163	112690	8.038	ng	99
70) Phenanthrene	11.35	178	56543	3.343	ng	# 92
74) Fluoranthene	12.54	202	64070	3.645	ng	98
77) Pyrene	12.77	202	56750	3.793	ng	97

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

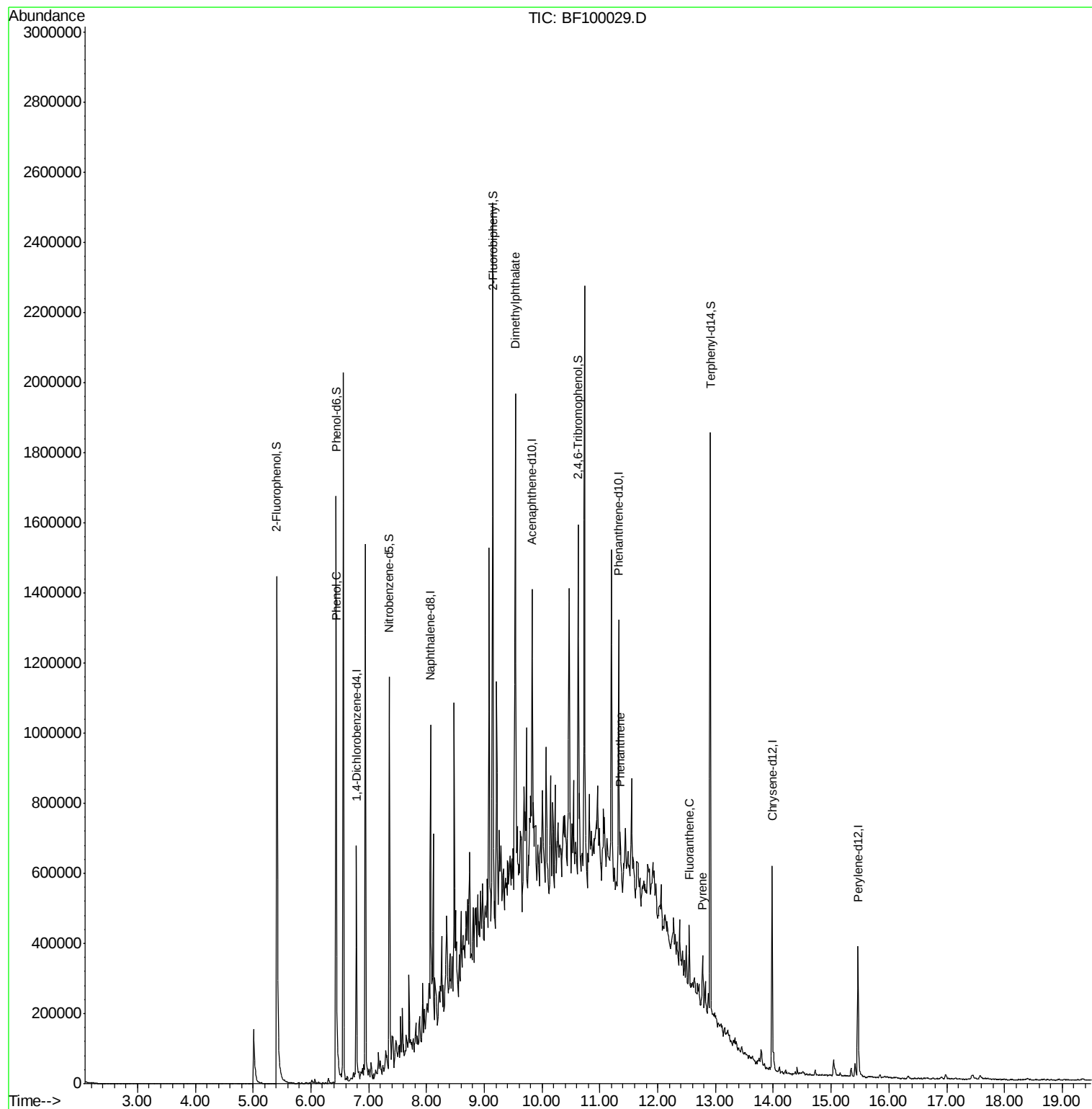
Data Path : Z:\HPCHEM1\BNA F\DATA\BF103117\
Data File : BF100029.D
Acq On : 1 Nov 2017 6:03
Operator : SJ/JU
Sample : I6201-01
Misc :
ALS Vial : 30 Sample Multiplier: 1

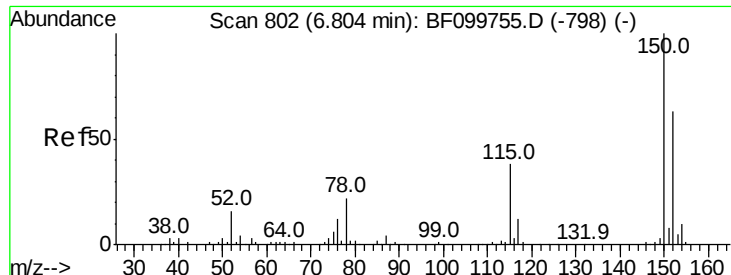
Instrument :
BNA_F
ClientSampleId :
CF-1A(0-2.5)

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Quant Time: Nov 01 08:38:10 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 31 16:51:57 2017
Response via : Initial Calibration





#1

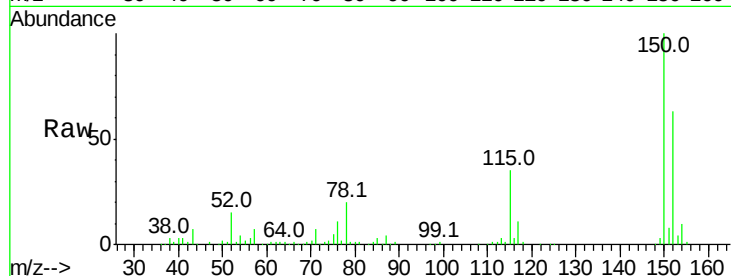
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 799
Delta R.T. -0.00 min
Lab File: BF100029.D
Acq: 1 Nov 2017 6:03

Instrument :
BNA_F
ClientSampleId :
CF-1A(0-2.5)

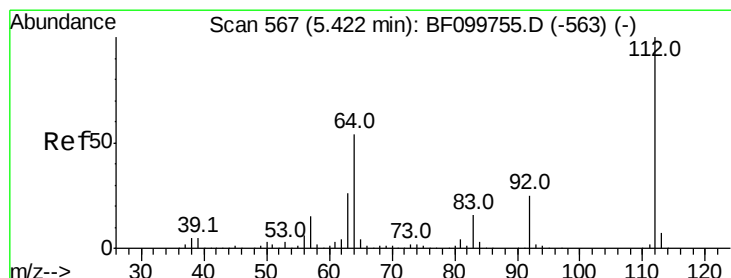
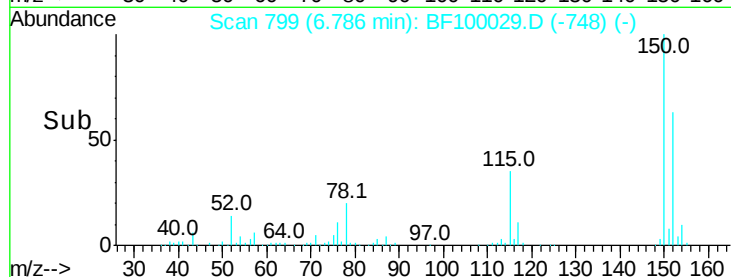
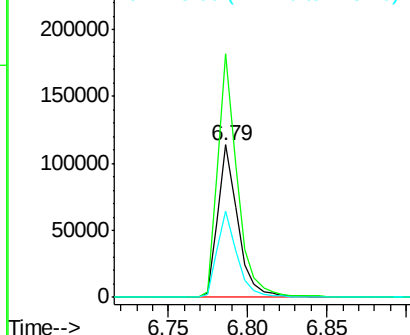
Tot Ion	Ratio	Lower	Upper
152	100		
150	159.6	124.6	186.8
115	56.5	50.1	75.1

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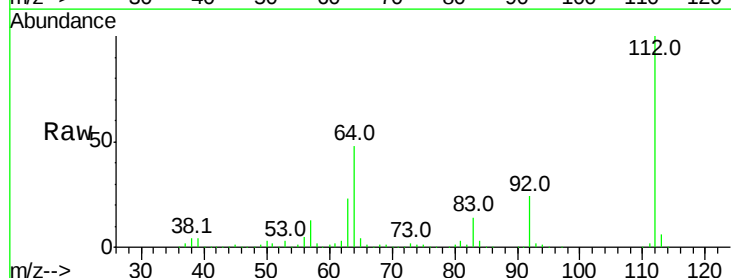
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



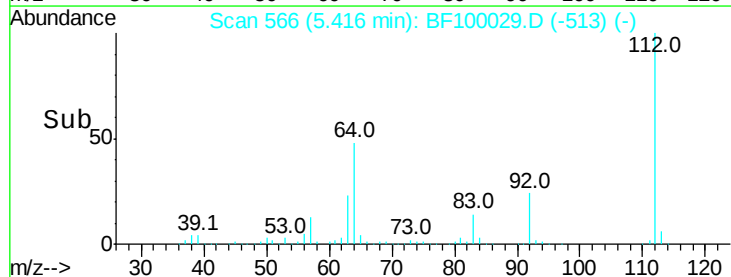
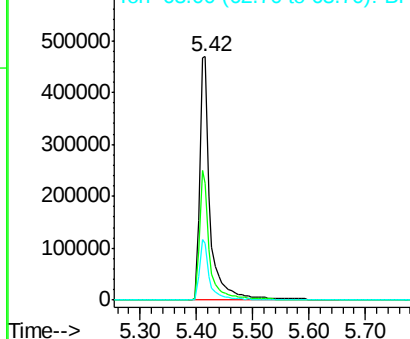
#5

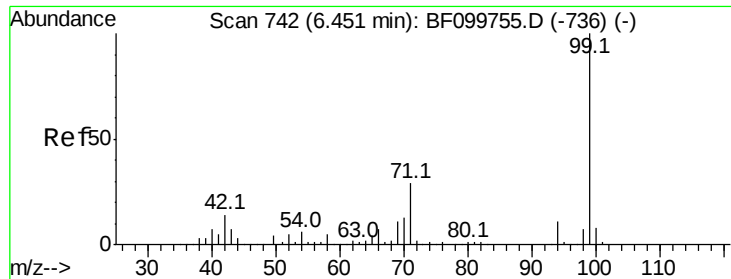
2-Fluorophenol
Concen: 95.870 ng
RT: 5.42 min Scan# 566
Delta R.T. 0.01 min
Lab File: BF100029.D
Acq: 1 Nov 2017 6:03

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



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 96.128 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.00 min

Lab File: BF100029.D

Acq: 1 Nov 2017 6:03

Instrument :

BNA_F

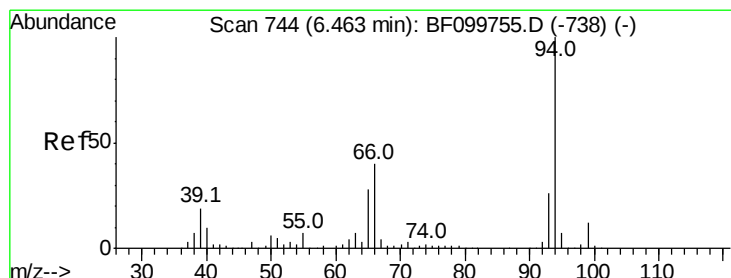
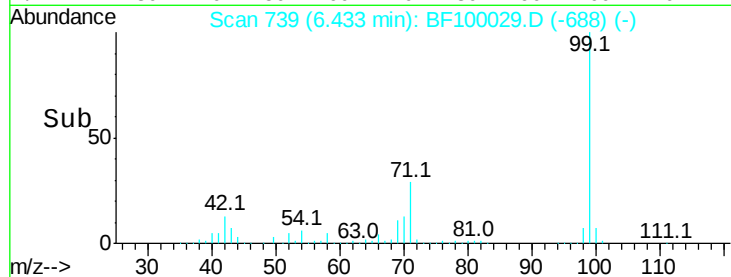
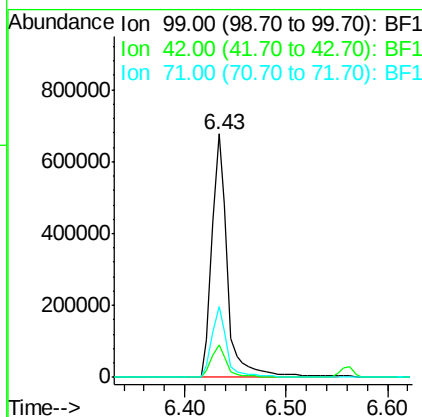
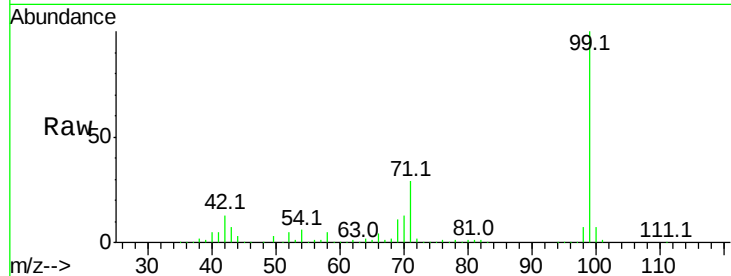
ClientSampled :

CF-1A(0-2.5)

Tot Ion:	99	Resp:	727359
Ion Ratio	Lower	Upper	
99	100		
42	13.4	14.5	21.7#
71	29.1	25.4	38.0

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#10

Phenol

Concen: 5.041 ng

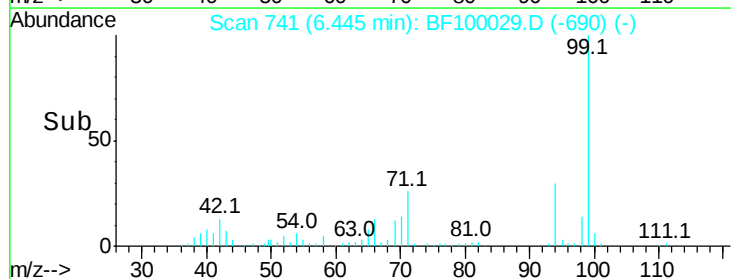
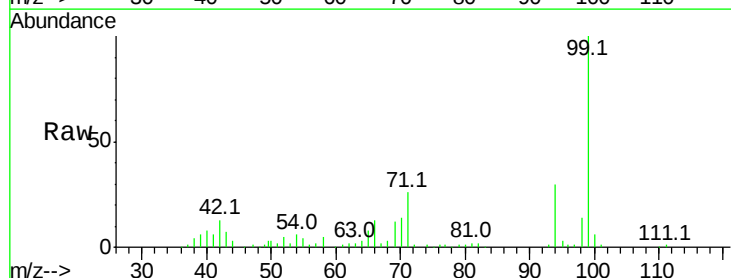
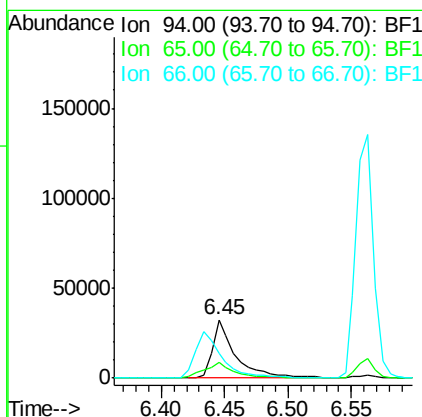
RT: 6.45 min Scan# 741

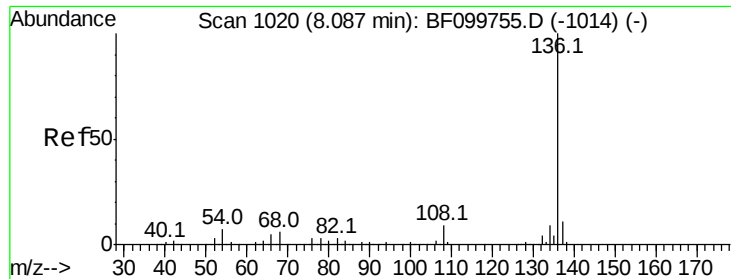
Delta R.T. -0.00 min

Lab File: BF100029.D

Acq: 1 Nov 2017 6:03

Tgt Ion:	94	Resp:	41883
Ion Ratio	Lower	Upper	
94	100		
65	26.5	7.9	47.9
66	42.6	16.2	56.2





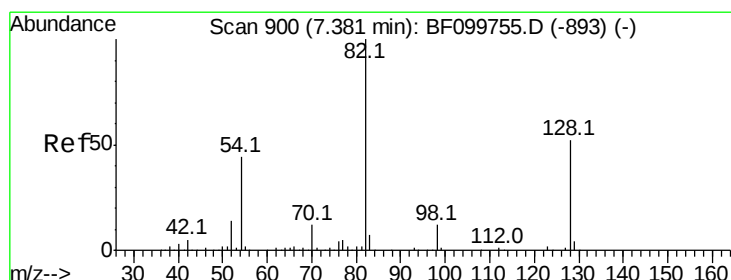
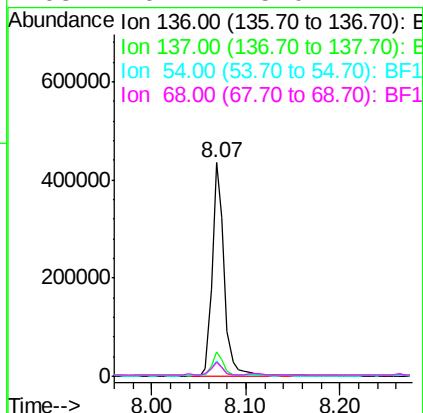
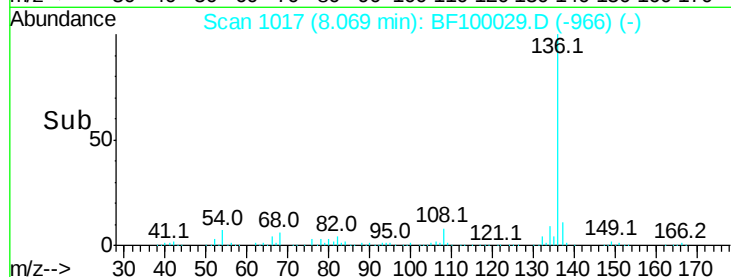
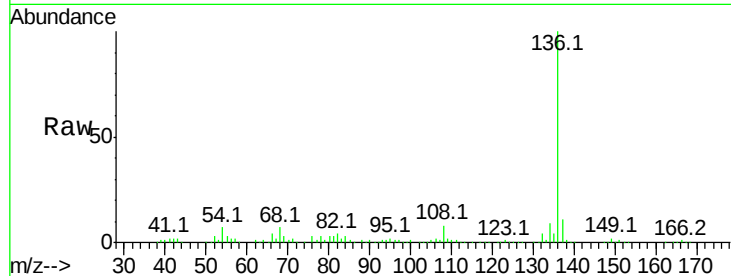
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1017
Delta R.T. -0.00 min
Lab File: BF100029.D
Acq: 1 Nov 2017 6:03

Instrument :
BNA_F
ClientSampleId :
CF-1A(0-2.5)

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.2	8.9	13.3	
54	7.0	6.6	9.8	
68	6.7	5.0	7.4	

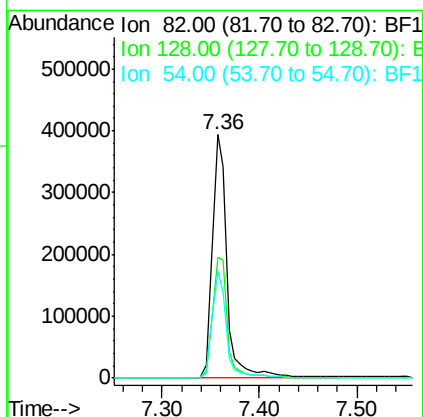
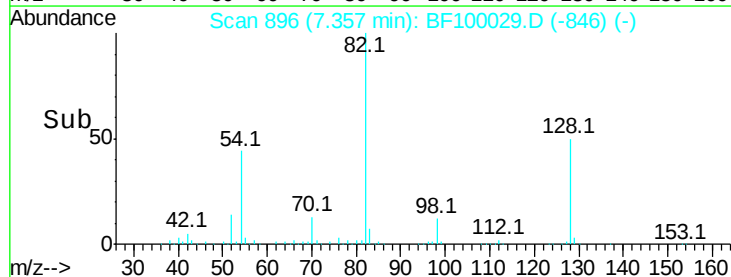
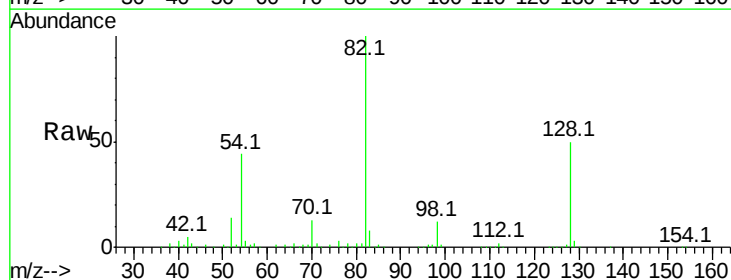
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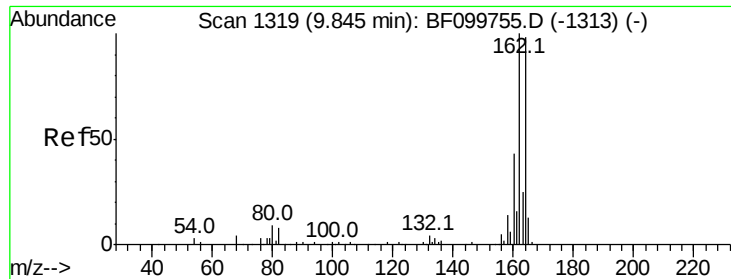
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#23
Nitrobenzene-d5
Concen: 65.533 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.01 min
Lab File: BF100029.D
Acq: 1 Nov 2017 6:03

Tgt Ion	Ratio	Resp	Lower	Upper
82	100			
128	49.6	36.1	54.1	
54	43.7	41.4	62.2	





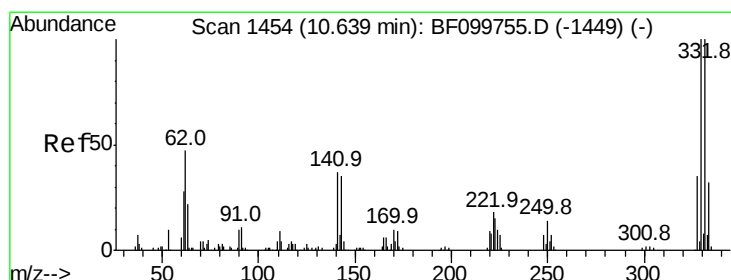
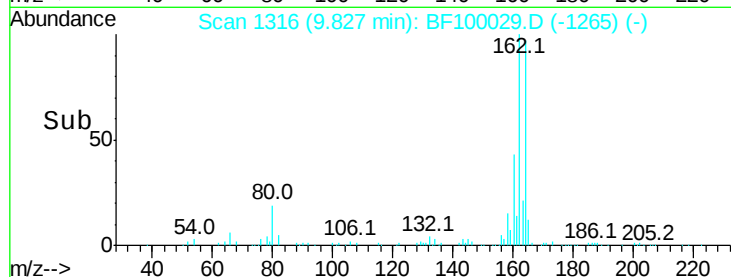
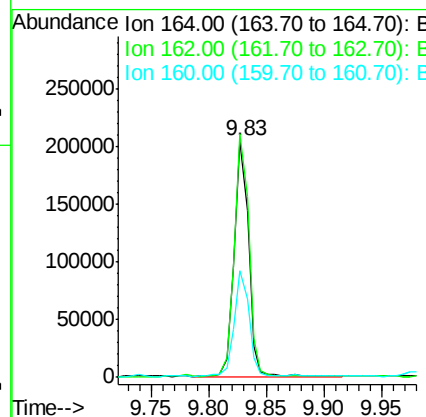
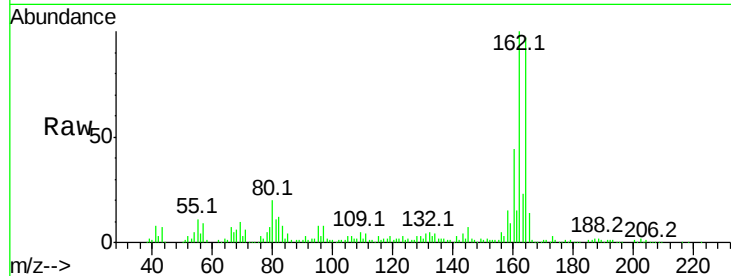
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.00 min
Lab File: BF100029.D
Acq: 1 Nov 2017 6:03

Instrument :
BNA_F
ClientSampleId :
CF-1A(0-2.5)

Tot Ion	Ratio	Resp	Lower	Upper
164	100	177042		
162	102.9	86.1	129.1	
160	44.9	38.3	57.5	

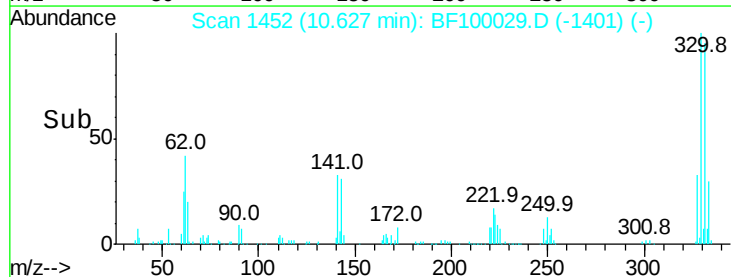
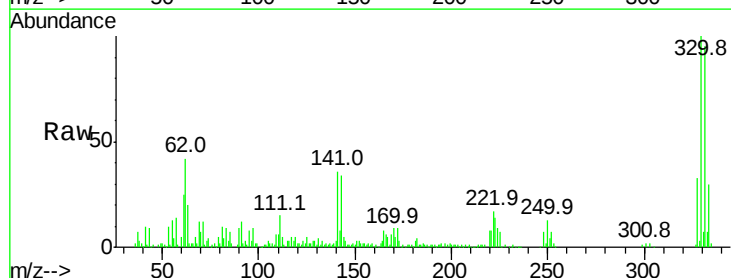
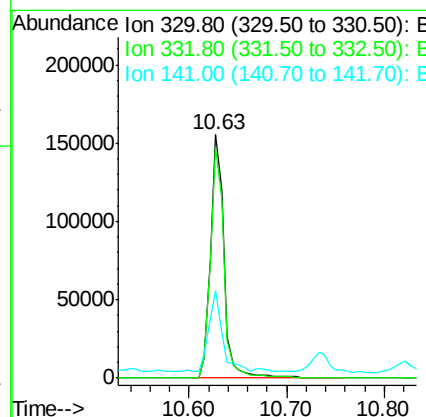
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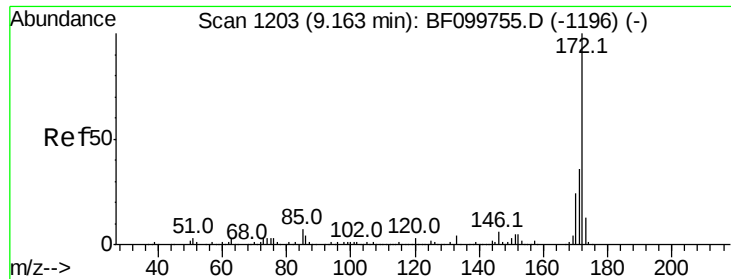
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#41
2,4,6-Tribromophenol
Concen: 91.966 ng
RT: 10.63 min Scan# 1452
Delta R.T. -0.00 min
Lab File: BF100029.D
Acq: 1 Nov 2017 6:03

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	148379		
332	95.3	77.0	115.6	
141	33.5	29.9	44.9	





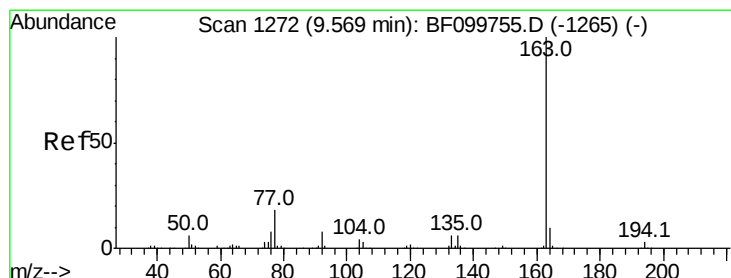
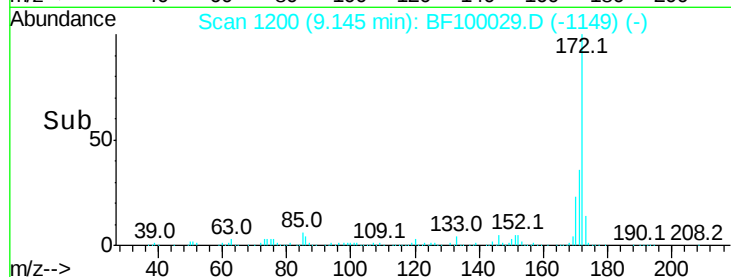
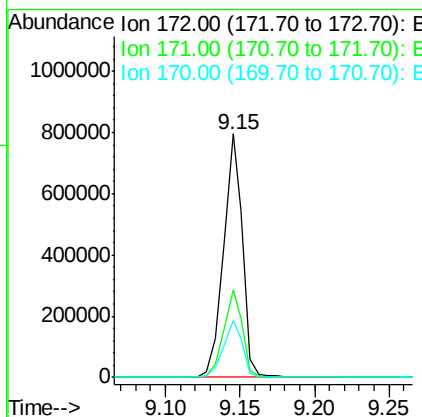
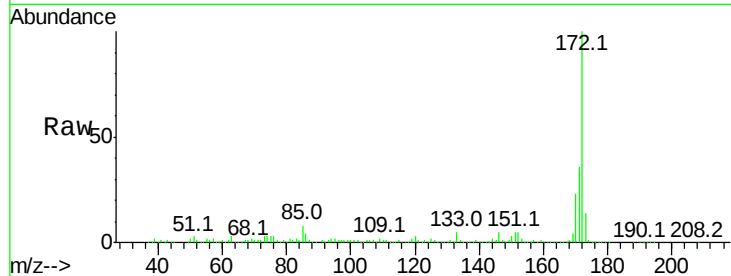
#44
2-Fluorobiphenyl
Concen: 62.528 ng
RT: 9.15 min Scan# 1200
Delta R.T. -0.00 min
Lab File: BF100029.D
Acq: 1 Nov 2017 6:03

Instrument :
BNA_F
ClientSampleId :
CF-1A(0-2.5)

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.7	44.5
170	23.5	19.6	29.4

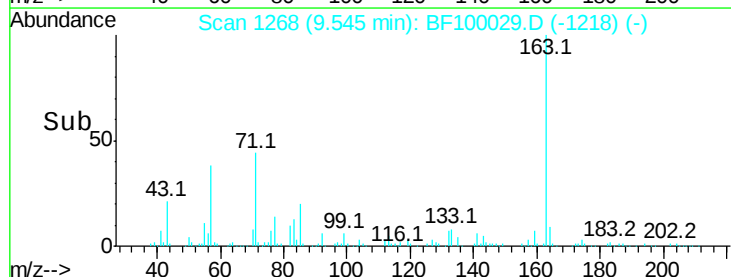
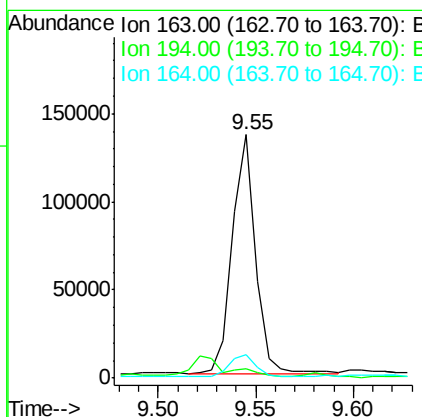
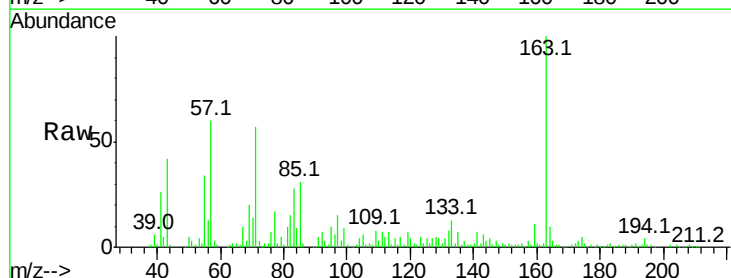
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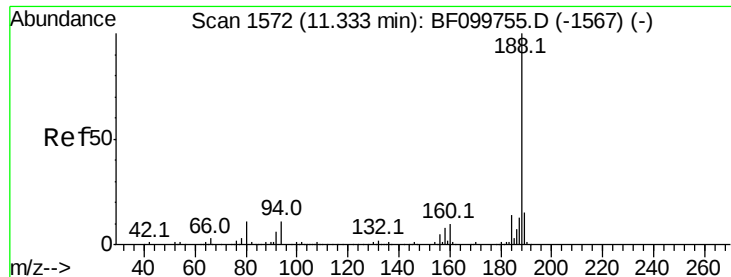
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#49
Dimethylphthalate
Concen: 8.038 ng
RT: 9.55 min Scan# 1268
Delta R.T. -0.01 min
Lab File: BF100029.D
Acq: 1 Nov 2017 6:03

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.8	2.7	4.1
164	9.7	8.2	12.2





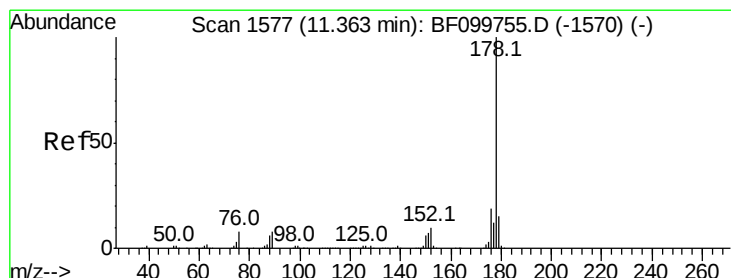
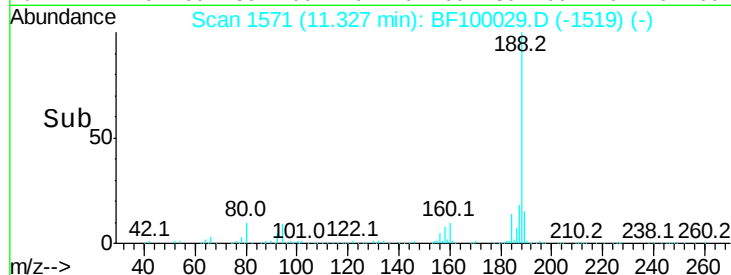
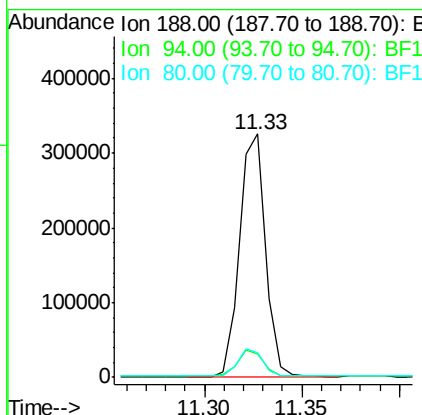
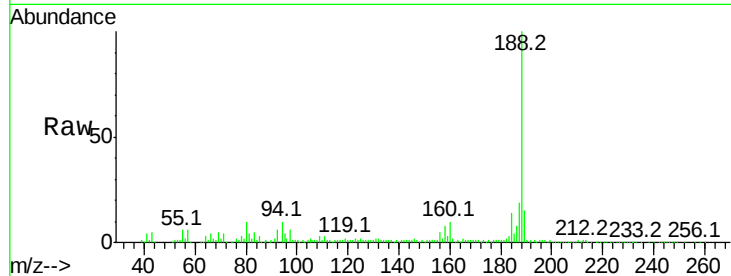
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1571
Delta R.T. 0.01 min
Lab File: BF100029.D
Acq: 1 Nov 2017 6:03

Instrument :
BNA_F
ClientSampleId :
CF-1A(0-2.5)

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	9.6	8.5	12.7
80	10.4	9.2	13.8

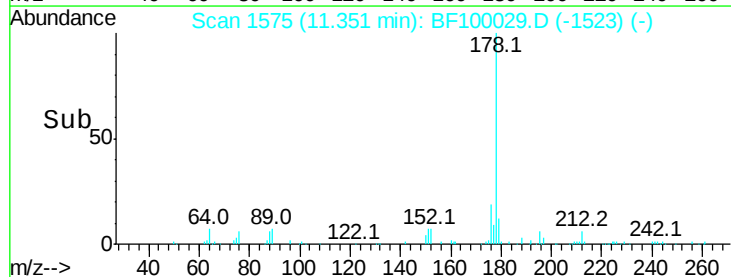
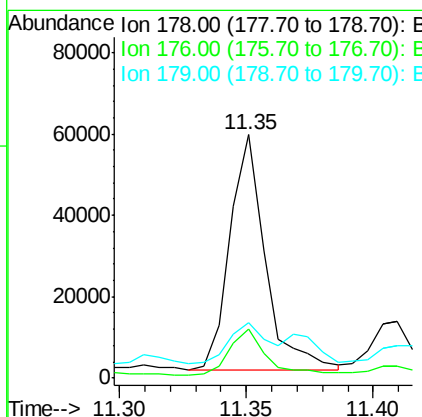
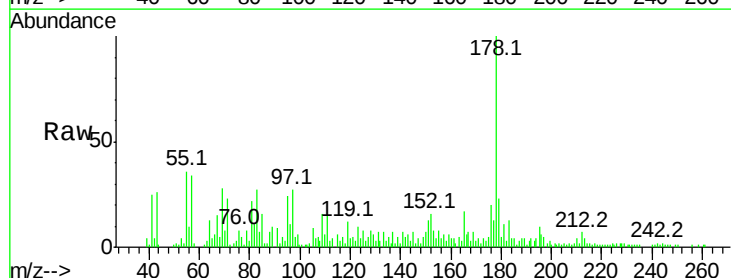
Manual Integrations
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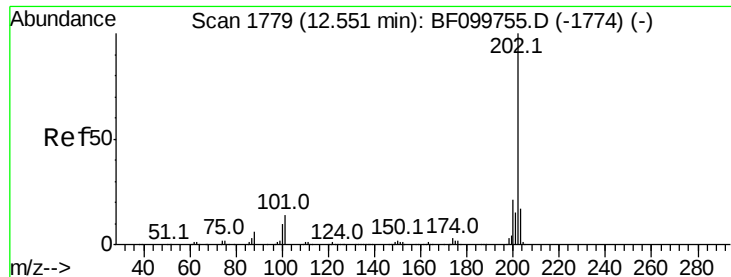
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#70
Phenanthrene
Concen: 3.343 ng
RT: 11.35 min Scan# 1575
Delta R.T. 0.01 min
Lab File: BF100029.D
Acq: 1 Nov 2017 6:03

Tgt Ion	Ratio	Resp Lower	Upper
178	100		
176	20.2	15.8	23.8
179	23.0	13.0	19.6





#74

Fluoranthene

Concen: 3.645 ng

RT: 12.54 min Scan# 1778

Delta R.T. 0.01 min

Lab File: BF100029.D

Acq: 1 Nov 2017 6:03

Instrument :

BNA_F

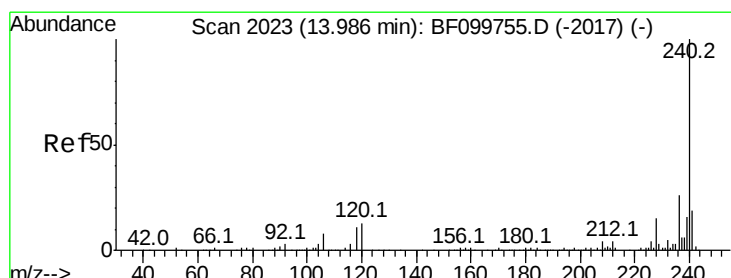
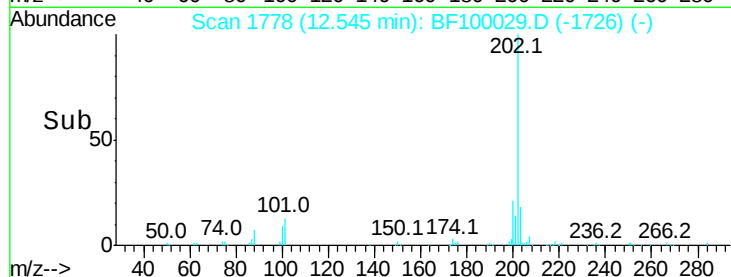
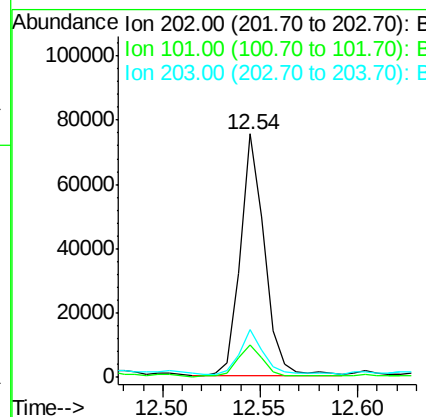
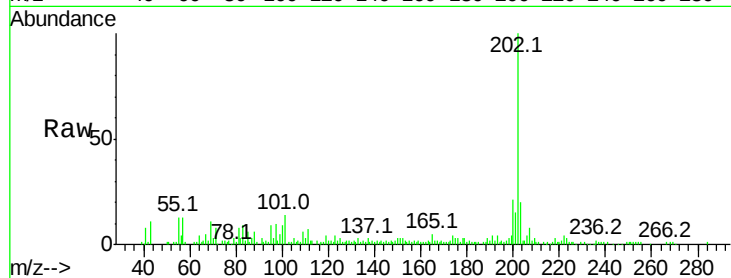
ClientSampleId :

CF-1A(0-2.5)

Tot Ion:	202	Resp:	64070
Ion Ratio	Lower	Upper	
202	100		
101	13.5	0.0	34.1
203	19.6	0.0	38.1

Manual Integrations
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#75

Chrysene-d12

Concen: 20.000 ng

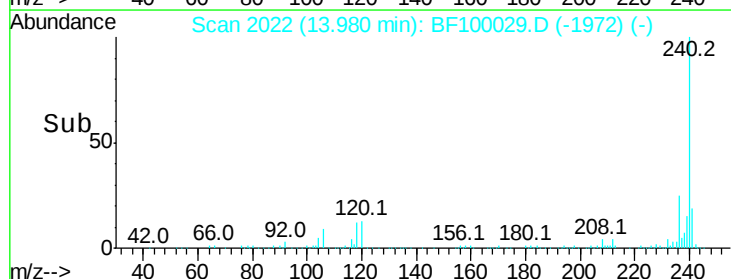
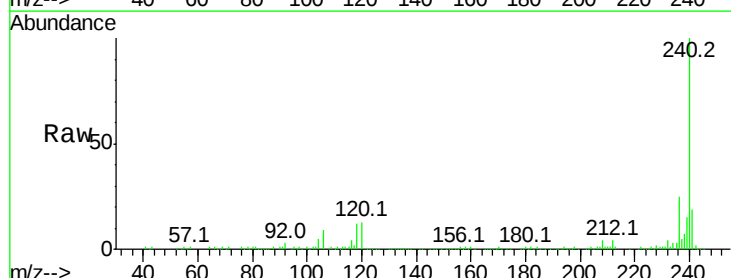
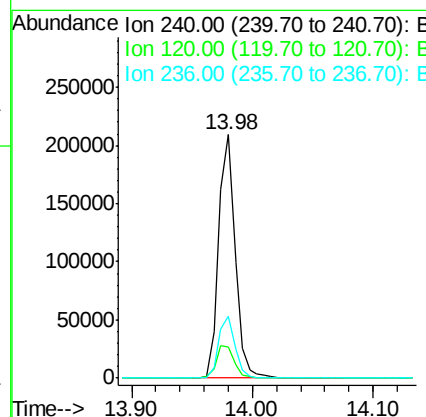
RT: 13.98 min Scan# 2022

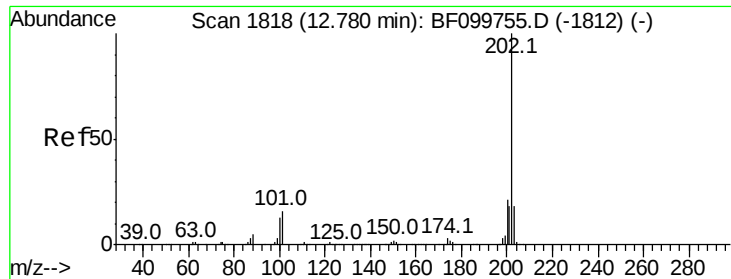
Delta R.T. -0.01 min

Lab File: BF100029.D

Acq: 1 Nov 2017 6:03

Tgt Ion:	240	Resp:	196768
Ion Ratio	Lower	Upper	
240	100		
120	13.0	9.5	14.3
236	25.2	20.7	31.1





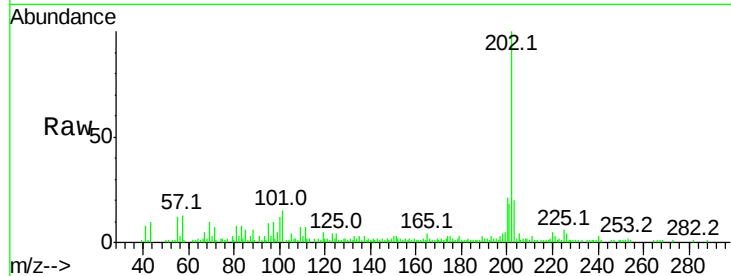
#77
Pvrene
Concen: 3.793 ng
RT: 12.77 min Scan# 1817
Delta R.T. -0.00 min
Lab File: BF100029.D
Acq: 1 Nov 2017 6:03

Instrument :
BNA_F
ClientSampleId :
CF-1A(0-2.5)

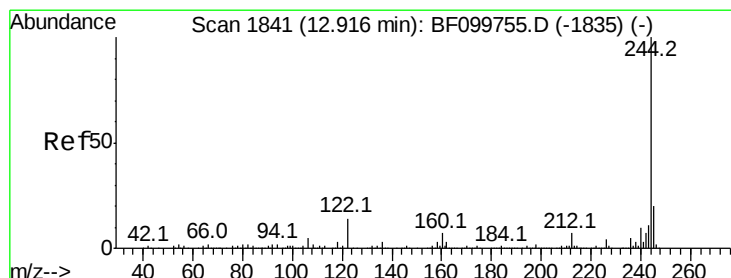
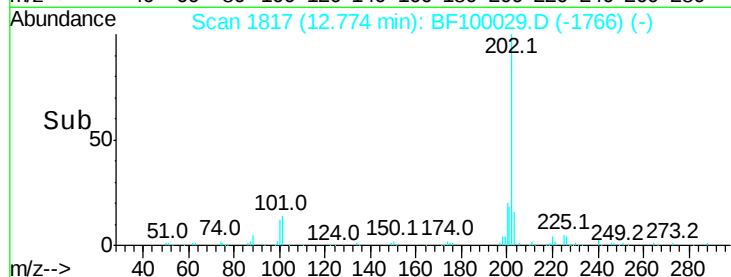
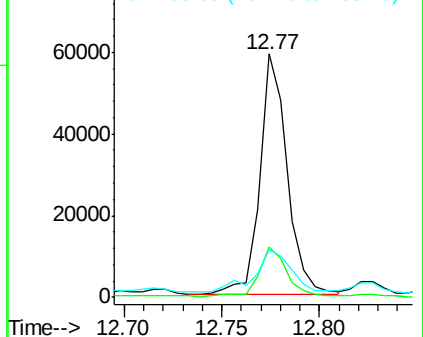
Tot Ion	Ratio	Lower	Upper
202	100		
200	20.9	17.4	26.2
203	19.7	14.3	21.5

Manual Integrations
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Sohil
11/1/2017 2:38:12 PM

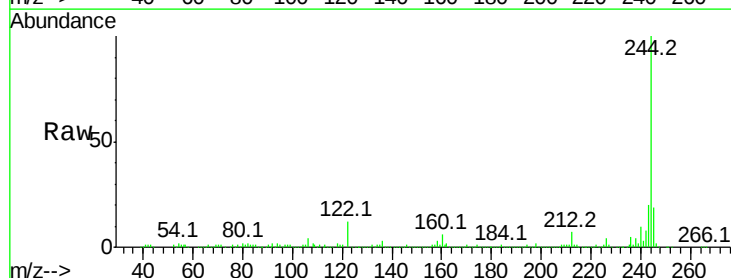


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

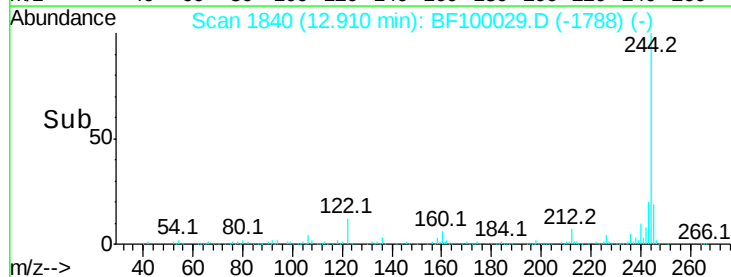
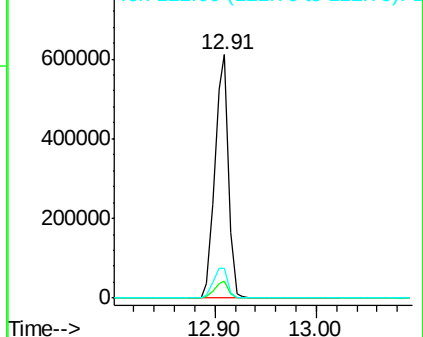


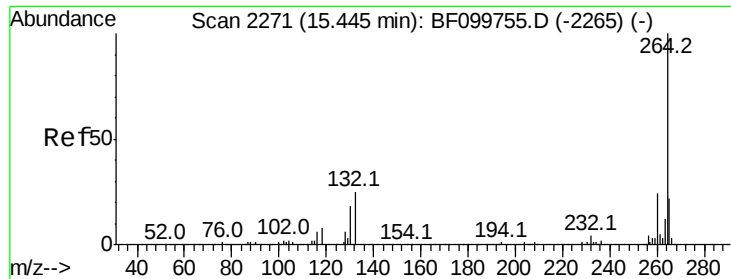
#78
Terphenyl-d14
Concen: 62.768 ng
RT: 12.91 min Scan# 1840
Delta R.T. 0.01 min
Lab File: BF100029.D
Acq: 1 Nov 2017 6:03

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.4	8.0
122	12.0	11.0	16.4



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E





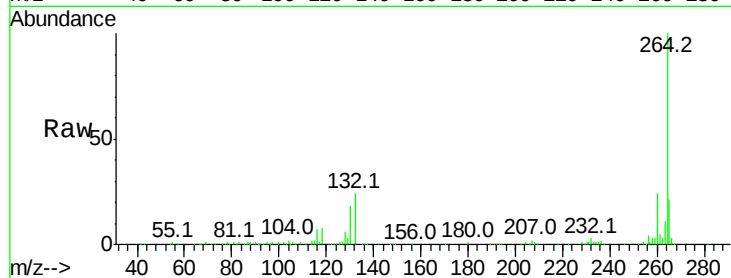
#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.46 min Scan# 2274
 Delta R.T. -0.01 min
 Lab File: BF100029.D
 Acq: 1 Nov 2017 6:03

Instrument :
 BNA_F
 ClientSampleId :
 CF-1A(0-2.5)

Tot Ion	Ratio	Resp Lower	Resp Upper
264	100		
260	24.0	19.2	28.8
265	20.8	17.5	26.3

Manual Integrations
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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

