

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF110217\
 Data File : BF100089.D
 Acq On : 2 Nov 2017 17:12
 Operator : SJ/JU
 Sample : I6233-04
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-4(7-9)

Manual Integrations
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 11/3/2017 11:19:22 AM

Quant Time: Nov 02 19:27:47 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	6.77	152	85720	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	347436	20.00	ng	-0.01
38) Acenaphthene-d10	9.80	164	155050	20.00	ng	-0.01
63) Phenanthrene-d10	11.30	188	257285	20.00	ng	-0.01
75) Chrysene-d12	13.95	240	163177	20.00	ng	-0.02
86) Perylene-d12	15.41	264	155600	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	579473	106.13	ng	0.00
7) Phenol-d6	6.42	99	681632	105.29	ng	-0.01
23) Nitrobenzene-d5	7.34	82	381522	70.70	ng	-0.01
41) 2,4,6-Tribromophenol	10.60	330	144903	102.55	ng	-0.01
44) 2-Fluorobiphenyl	9.13	172	708789	70.53	ng	0.00
78) Terphenyl-d14	12.88	244	513302	68.74	ng	-0.02
Target Compounds						
10) Phenol	6.43	94	15222	2.142	ng	Qvalue # 63
49) Dimethylphthalate	9.52	163	122416	9.970	ng	99
74) Fluoranthene	12.52	202	40592	2.690	ng	95
77) Pyrene	12.75	202	33819	2.726	ng	97
83) Bis(2-ethylhexyl)phthalate	13.90	149	20659	2.408	ng	100
87) Benzo(b)fluoranthene	14.99	252	19967m	2.032	ng	

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

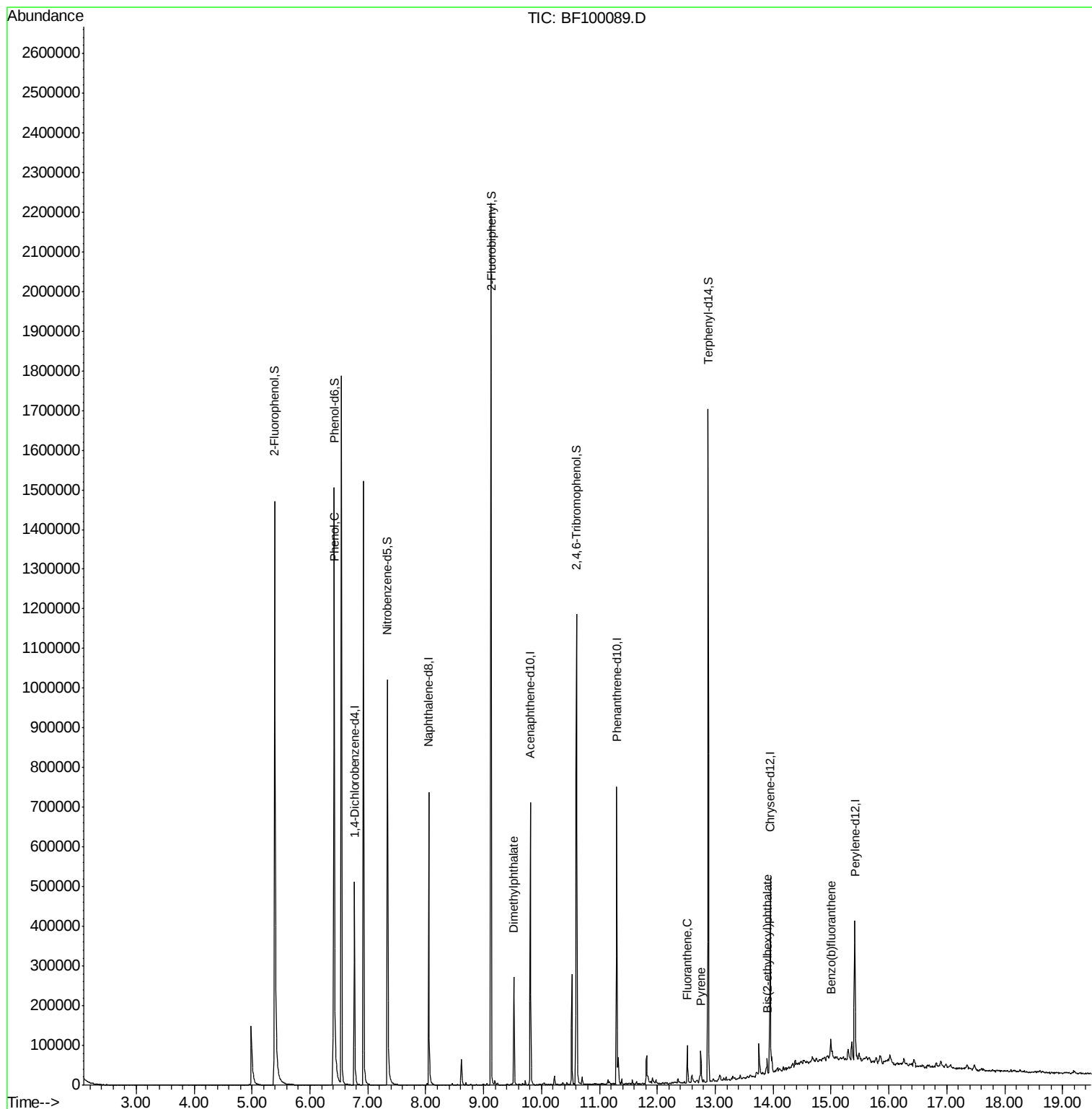
Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF110217\
Data File : BF100089.D
Acq On : 2 Nov 2017 17:12
Operator : SJ/JU
Sample : I6233-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

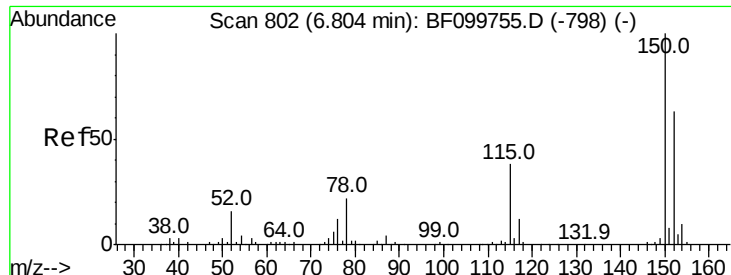
Instrument :
BNA_F
ClientSampleId :
SB-4(7-9)

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Quant Time: Nov 02 19:27:47 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





#1

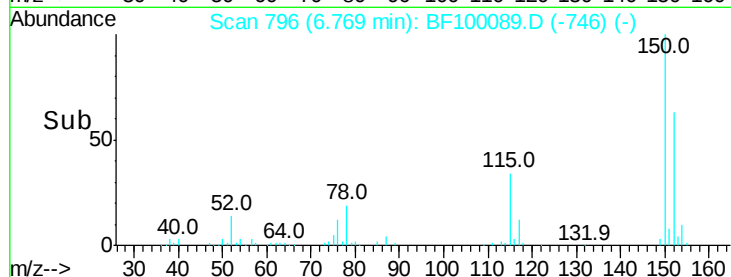
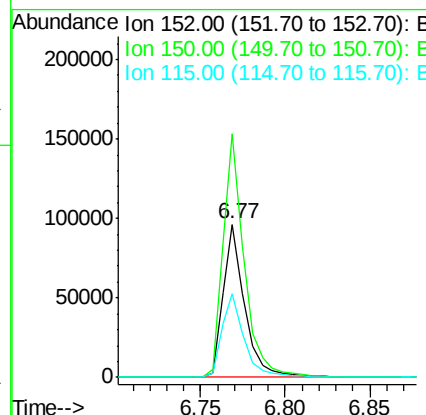
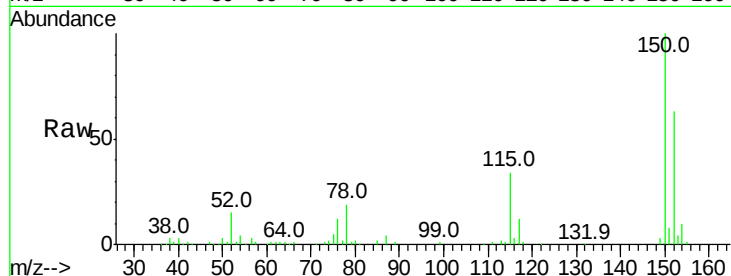
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.77 min Scan# 796
Delta R.T. -0.01 min
Lab File: BF100089.D
Acq: 2 Nov 2017 17:12

Instrument :
BNA_F
ClientSampleId :
SB-4(7-9)

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.3	124.6	186.8
115	54.6	50.1	75.1

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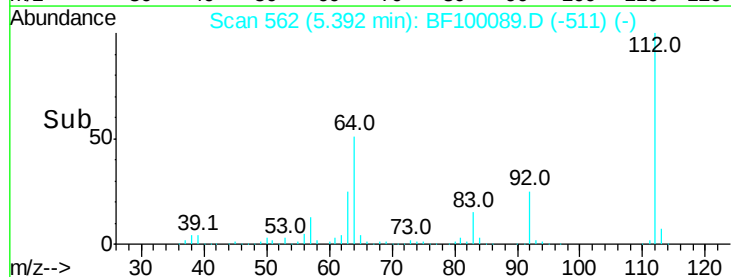
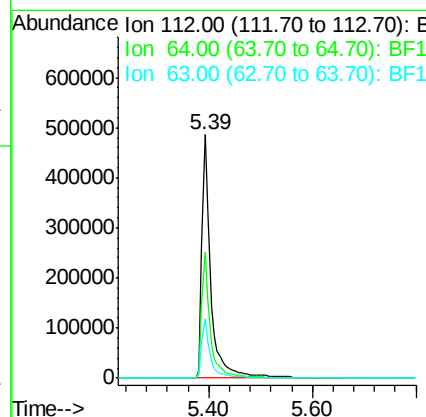
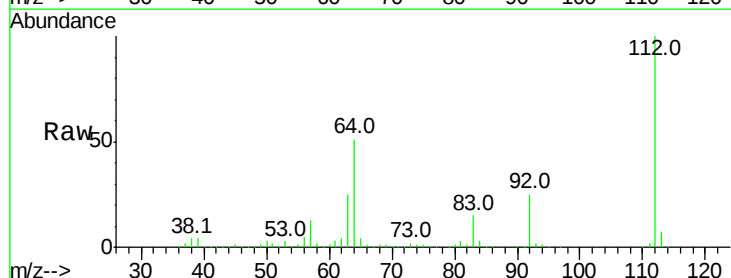
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#5

2-Fluorophenol
Concen: 106.131 ng
RT: 5.39 min Scan# 562
Delta R.T. 0.00 min
Lab File: BF100089.D
Acq: 2 Nov 2017 17:12

Tgt Ion	Ratio	Lower	Upper
112	100		
64	51.5	47.9	71.9
63	24.5	23.7	35.5





#7

Phenol-d6

Concen: 105.287 ng

RT: 6.42 min Scan# 736

Delta R.T. -0.01 min

Lab File: BF100089.D

Acq: 2 Nov 2017 17:12

Instrument :

BNA_F

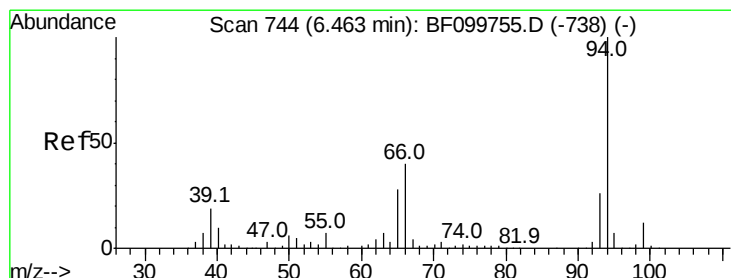
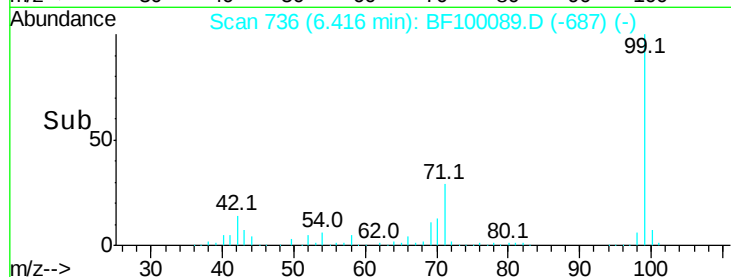
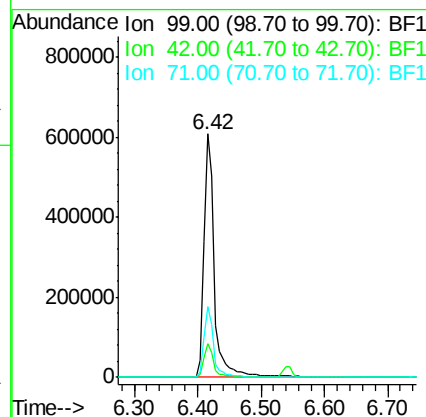
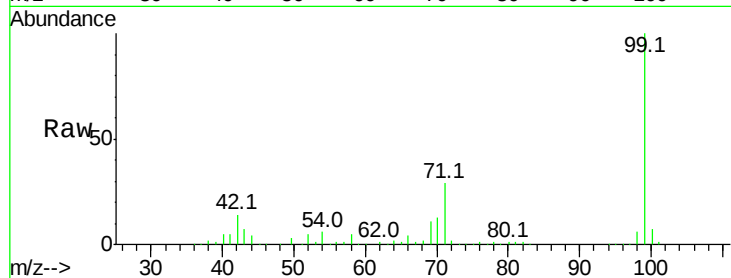
ClientSampleId :

SB-4(7-9)

Tot Ion:	99	Resp:	681632
Ion Ratio	Lower	Upper	
99	100		
42	14.0	14.5	21.7#
71	29.1	25.4	38.0

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#10

Phenol

Concen: 2.142 ng

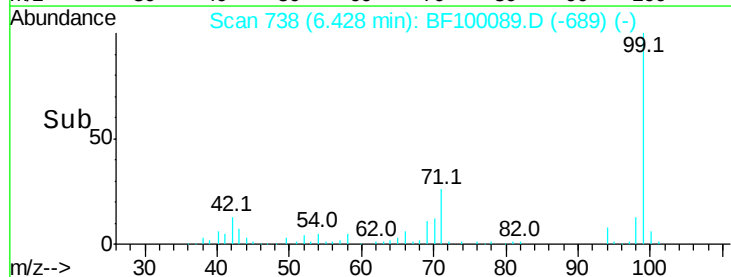
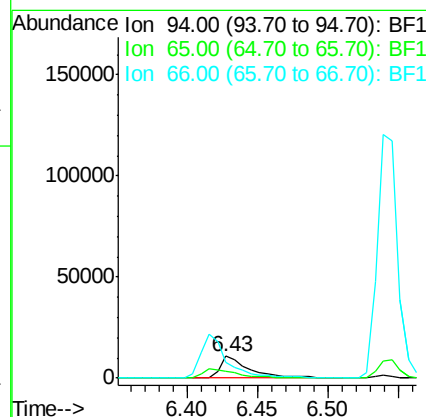
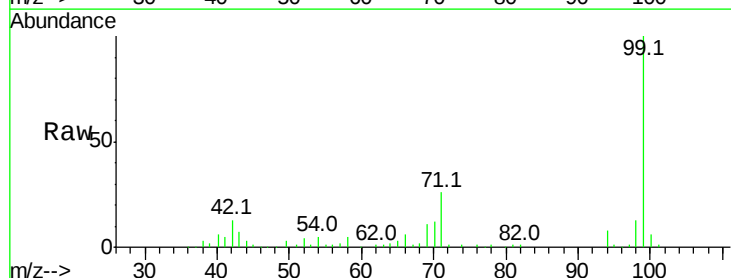
RT: 6.43 min Scan# 738

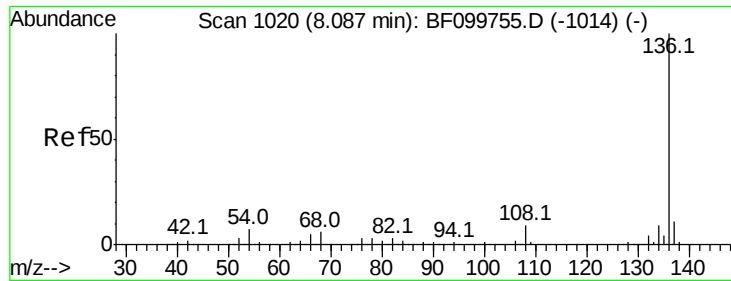
Delta R.T. -0.01 min

Lab File: BF100089.D

Acq: 2 Nov 2017 17:12

Tgt Ion:	94	Resp:	15222
Ion Ratio	Lower	Upper	
94	100		
65	33.0	7.9	47.9
66	70.5	16.2	56.2#





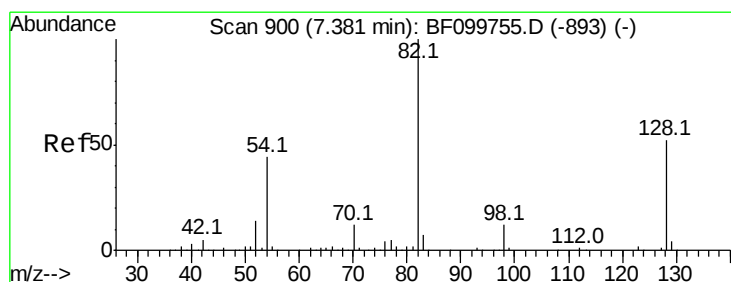
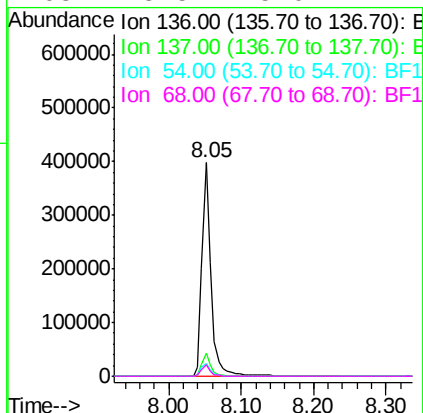
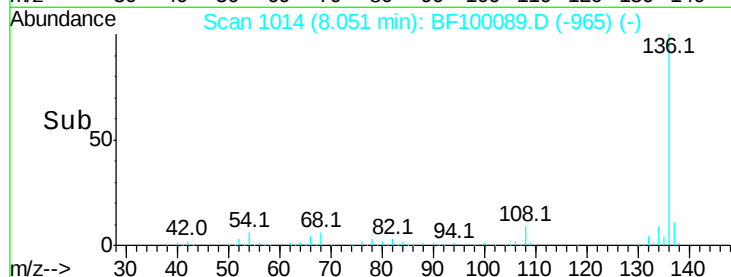
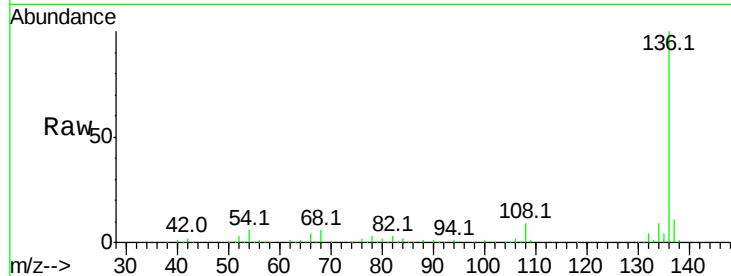
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.05 min Scan# 1014
Delta R.T. -0.01 min
Lab File: BF100089.D
Acq: 2 Nov 2017 17:12

Instrument :
BNA_F
ClientSampleId :
SB-4(7-9)

Tot Ion	Ratio	Resp Lower	Upper
136	100		
137	11.0	8.9	13.3
54	6.1	6.6	9.8#
68	5.5	5.0	7.4

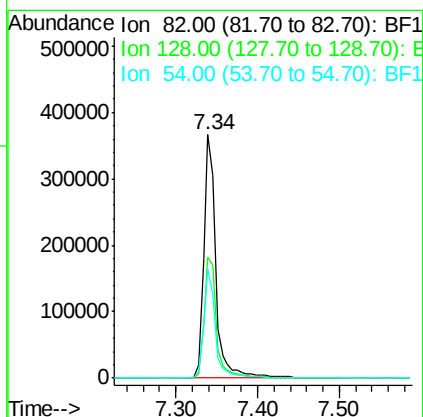
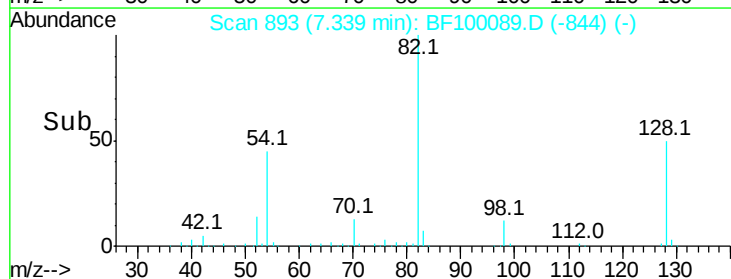
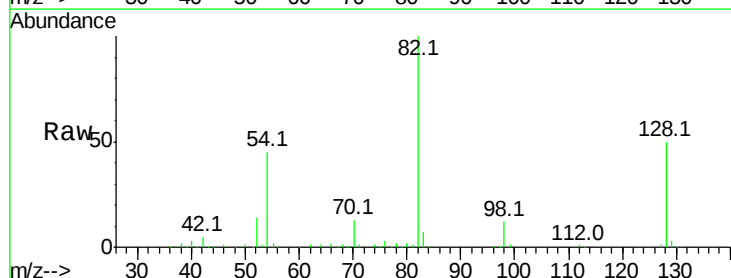
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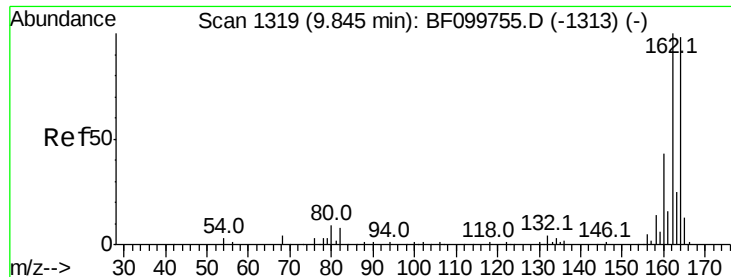
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#23
Nitrobenzene-d5
Concen: 70.697 ng
RT: 7.34 min Scan# 893
Delta R.T. -0.01 min
Lab File: BF100089.D
Acq: 2 Nov 2017 17:12

Tgt Ion	Ratio	Resp Lower	Upper
82	100		
128	49.7	36.1	54.1
54	44.9	41.4	62.2





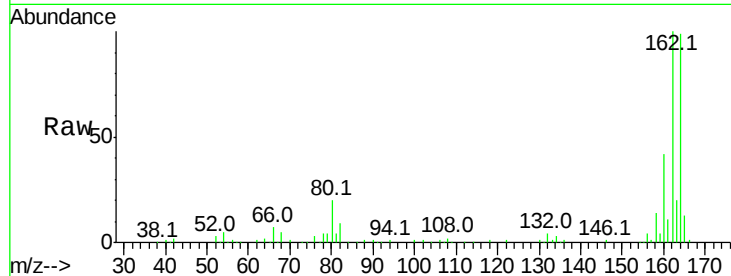
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.80 min Scan# 1312
Delta R.T. -0.01 min
Lab File: BF100089.D
Acq: 2 Nov 2017 17:12

Instrument :
BNA_F
ClientSampleId :
SB-4(7-9)

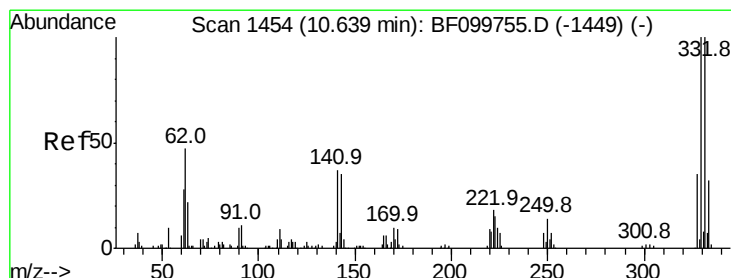
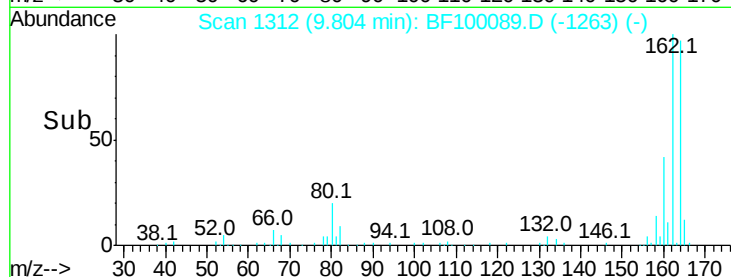
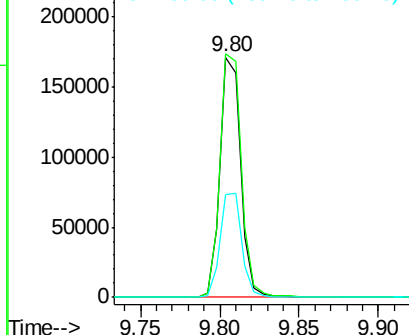
Tot Ion	Ratio	Resp	Lower	Upper
164	100	155050		
162	101.4	86.1	129.1	
160	42.9	38.3	57.5	

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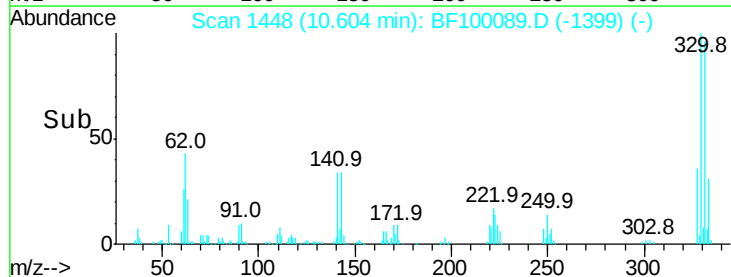
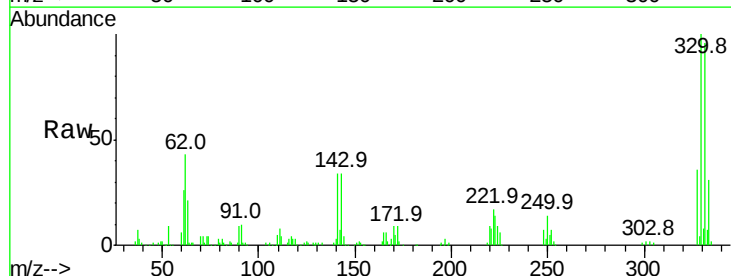
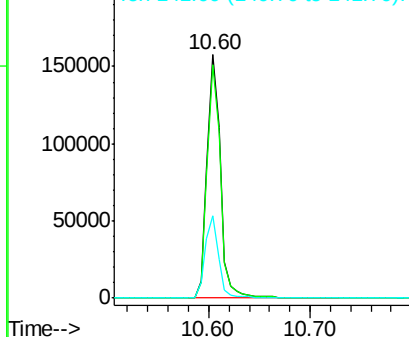
Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E



#41
2,4,6-Tribromophenol
Concen: 102.550 ng
RT: 10.60 min Scan# 1448
Delta R.T. -0.01 min
Lab File: BF100089.D
Acq: 2 Nov 2017 17:12

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	144903		
332	96.2	77.0	115.6	
141	33.9	29.9	44.9	

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





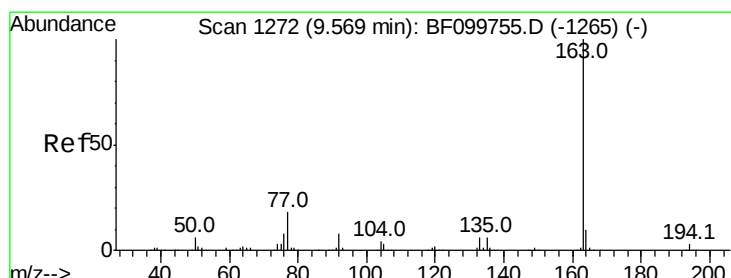
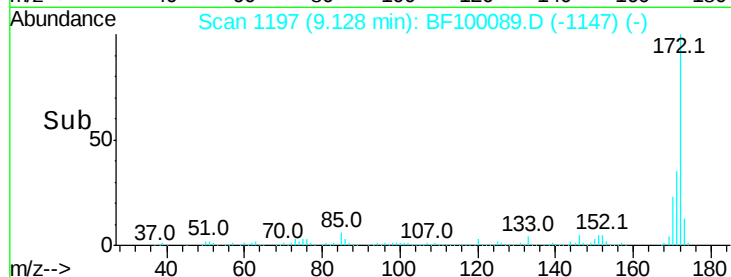
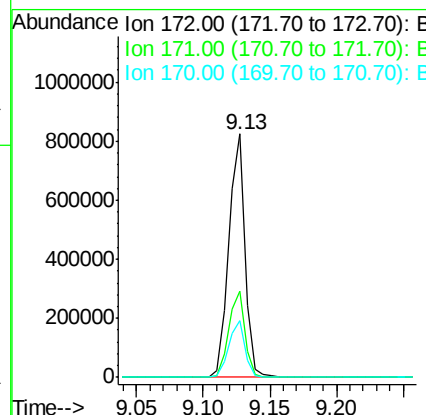
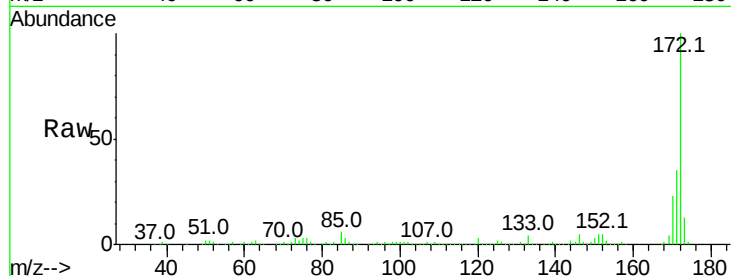
#44
2-Fluorobiphenyl
Concen: 70.529 ng
RT: 9.13 min Scan# 1197
Delta R.T. -0.01 min
Lab File: BF100089.D
Acq: 2 Nov 2017 17:12

Instrument :
BNA_F
ClientSampled :
SB-4(7-9)

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.3	29.7	44.5
170	23.4	19.6	29.4

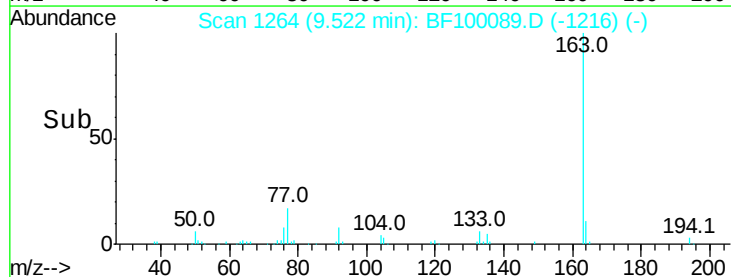
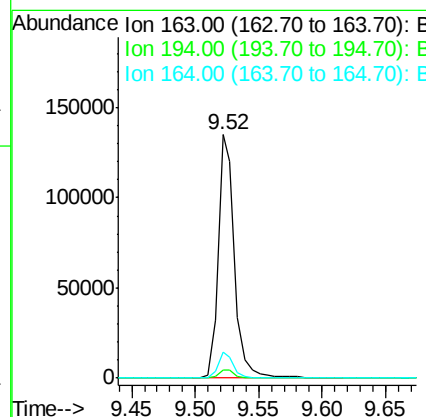
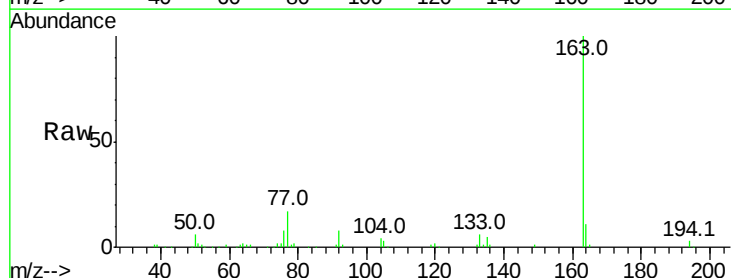
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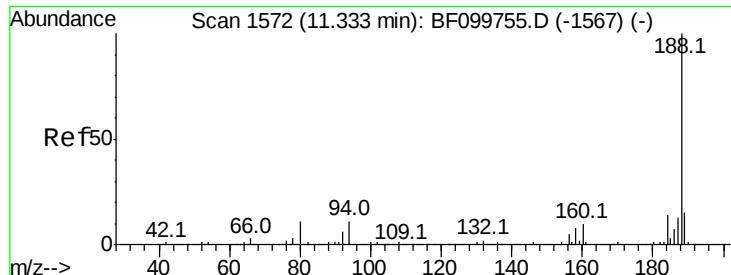
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#49
Dimethylphthalate
Concen: 9.970 ng
RT: 9.52 min Scan# 1264
Delta R.T. -0.02 min
Lab File: BF100089.D
Acq: 2 Nov 2017 17:12

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.1	2.7	4.1
164	10.5	8.2	12.2





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.30 min Scan# 1566

Delta R.T. -0.01 min

Lab File: BF100089.D

Acq: 2 Nov 2017 17:12

Instrument :

BNA_F

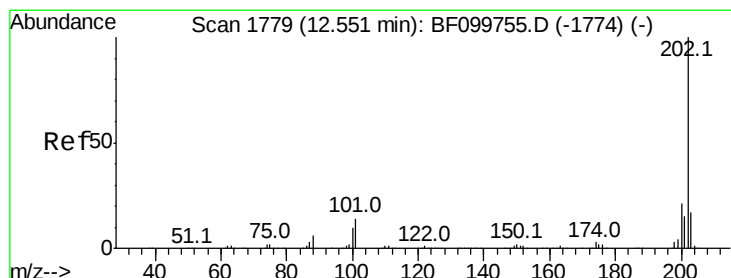
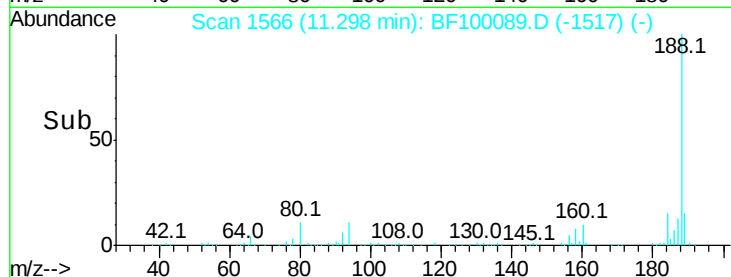
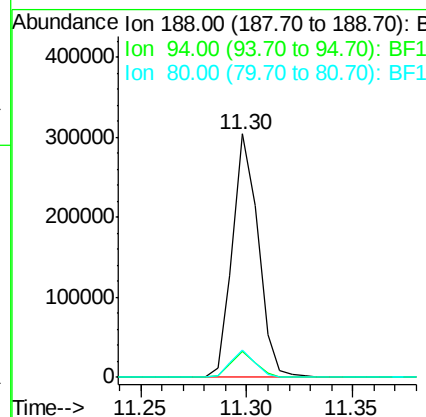
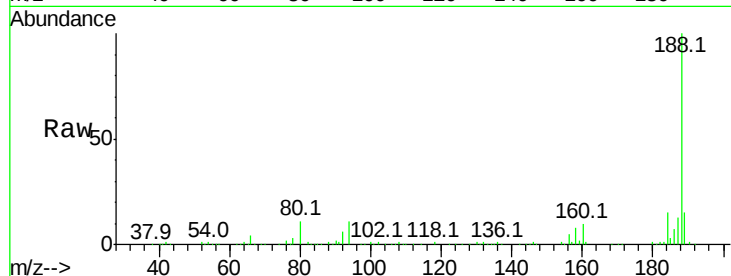
ClientSampleId :

SB-4(7-9)

Tot Ion:	188	Resp:	257285
Ion Ratio	Lower	Upper	
188	100		
94	10.8	8.5	12.7
80	11.3	9.2	13.8

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#74

Fluoranthene

Concen: 2.690 ng

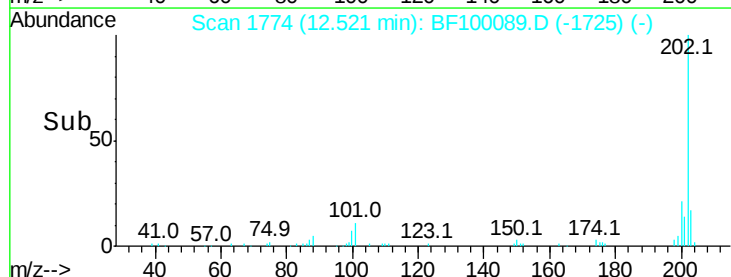
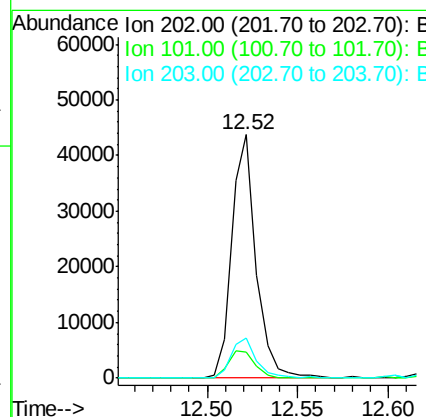
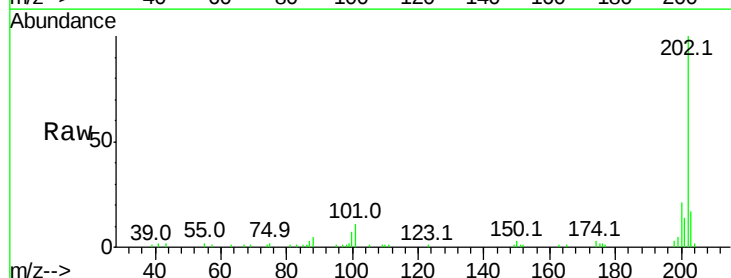
RT: 12.52 min Scan# 1774

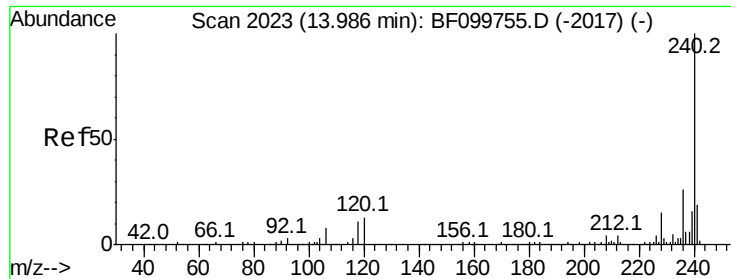
Delta R.T. -0.01 min

Lab File: BF100089.D

Acq: 2 Nov 2017 17:12

Tgt Ion:	202	Resp:	40592
Ion Ratio	Lower	Upper	
202	100		
101	10.9	0.0	34.1
203	16.5	0.0	38.1





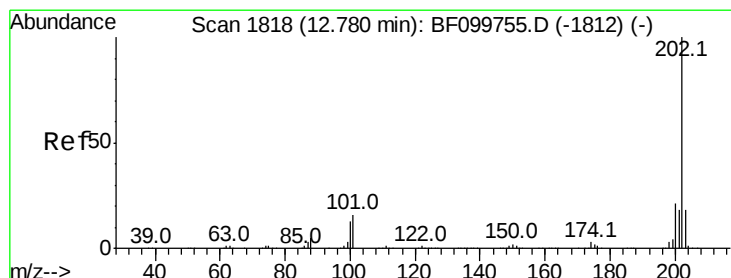
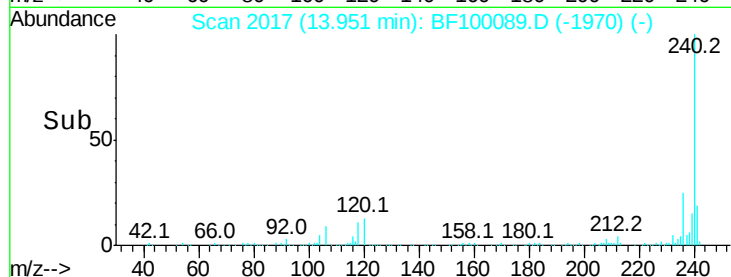
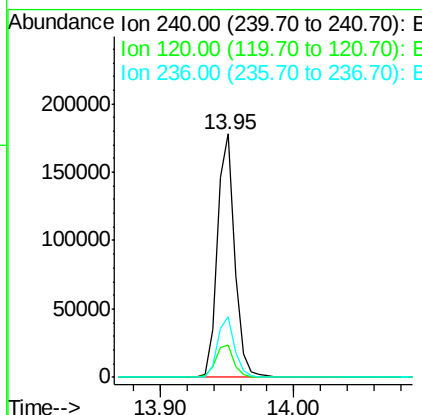
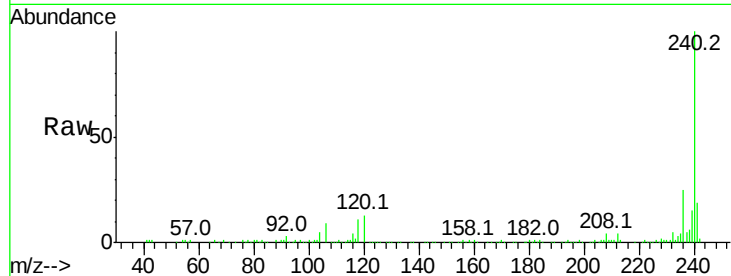
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.95 min Scan# 2017
Delta R.T. -0.02 min
Lab File: BF100089.D
Acq: 2 Nov 2017 17:12

Instrument :
BNA_F
ClientSampleId :
SB-4(7-9)

Tot Ion	Ratio	Lower	Upper
240	100		
120	13.3	9.5	14.3
236	25.1	20.7	31.1

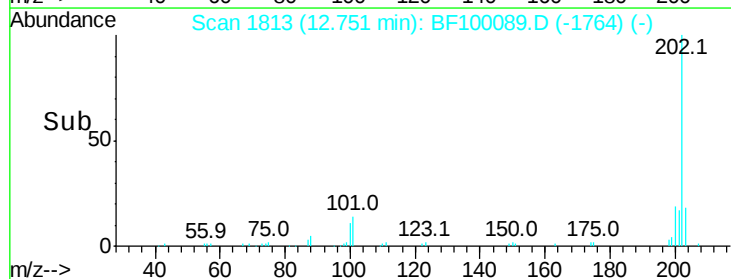
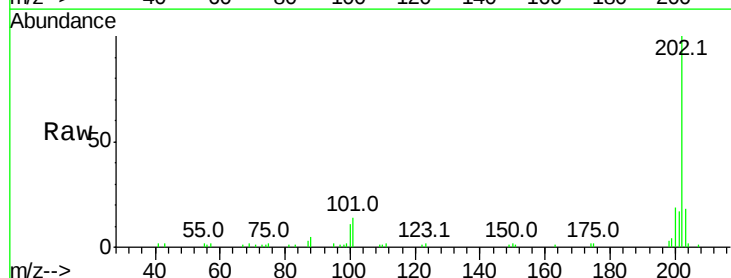
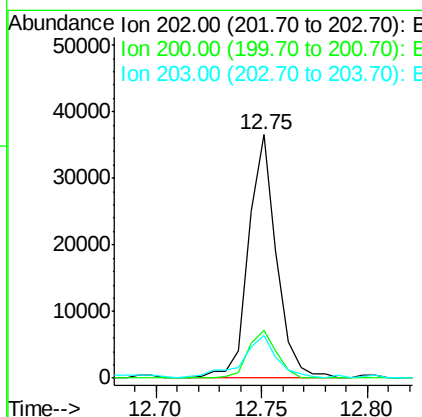
Manual Integrations
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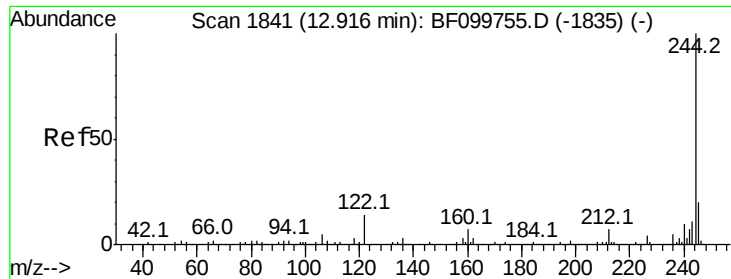
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#77
Pyrene
Concen: 2.726 ng
RT: 12.75 min Scan# 1813
Delta R.T. -0.01 min
Lab File: BF100089.D
Acq: 2 Nov 2017 17:12

Tgt Ion	Ratio	Lower	Upper
202	100		
200	19.4	17.4	26.2
203	17.7	14.3	21.5





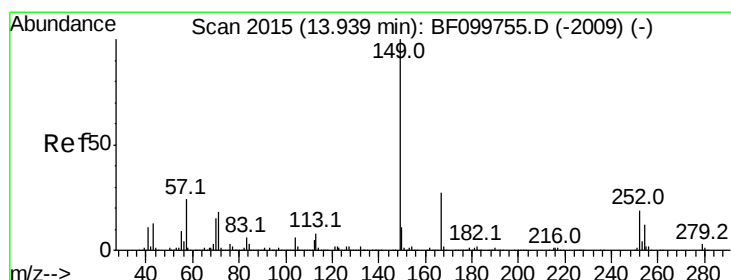
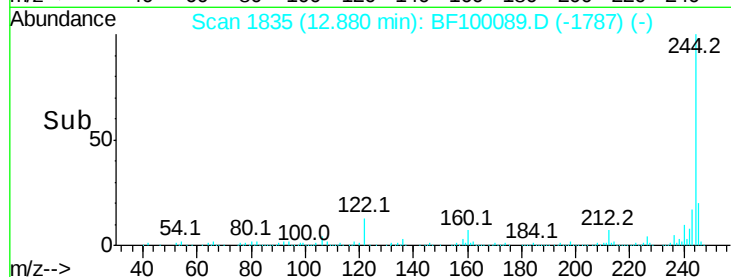
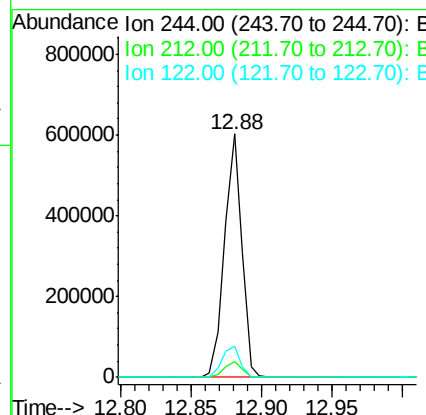
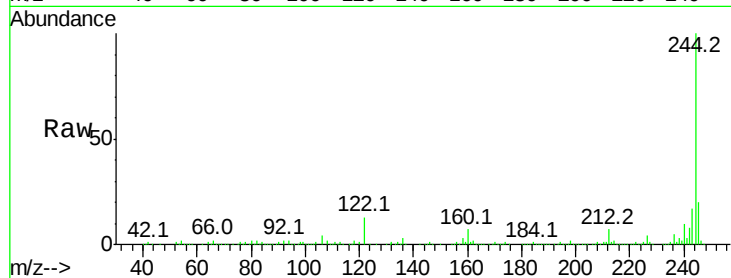
#78
 Terphenyl-d14
 Concen: 68.745 ng
 RT: 12.88 min Scan# 1835
 Delta R.T. -0.02 min
 Lab File: BF100089.D
 Acq: 2 Nov 2017 17:12

Instrument :
 BNA_F
 ClientSampleId :
 SB-4(7-9)

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.4	8.0
122	13.0	11.0	16.4

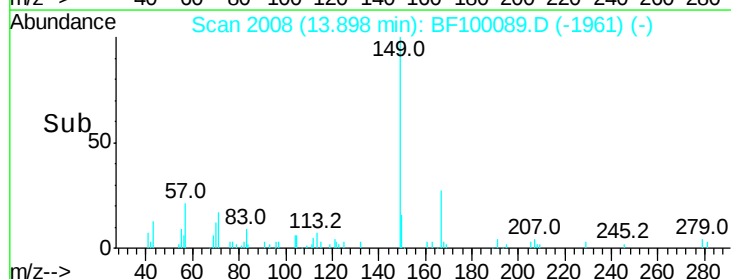
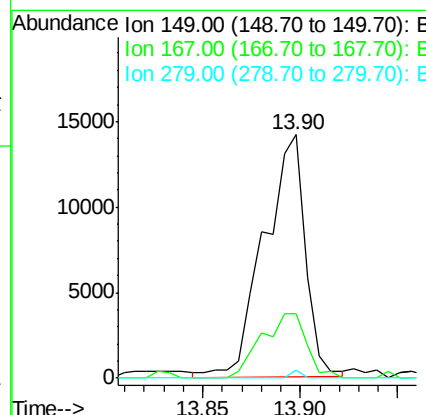
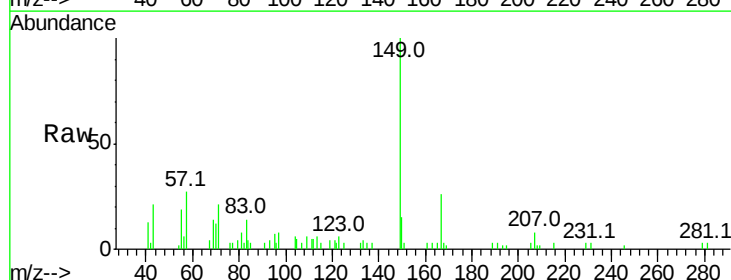
Manual Integrations
 APPROVED

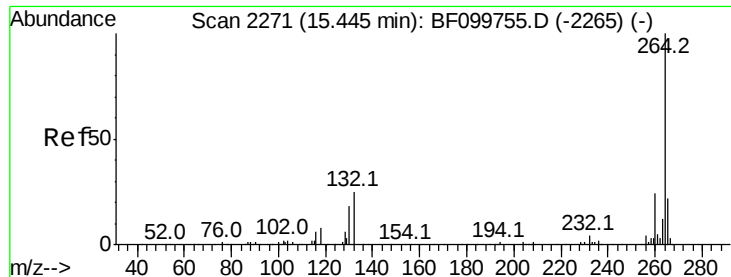
Sohil
 11/3/2017 11:19:22 AM



#83
 Bis(2-ethylhexyl)phthalate
 Concen: 2.408 ng
 RT: 13.90 min Scan# 2008
 Delta R.T. -0.02 min
 Lab File: BF100089.D
 Acq: 2 Nov 2017 17:12

Tgt Ion	Ratio	Lower	Upper
149	100		
167	26.5	21.3	31.9
279	3.5	3.0	4.4





#86

Pervlene-d12

Concen: 20.000 ng

RT: 15.41 min Scan# 2265

Delta R.T. -0.05 min

Lab File: BF100089.D

Acq: 2 Nov 2017 17:12

Instrument :

BNA_F

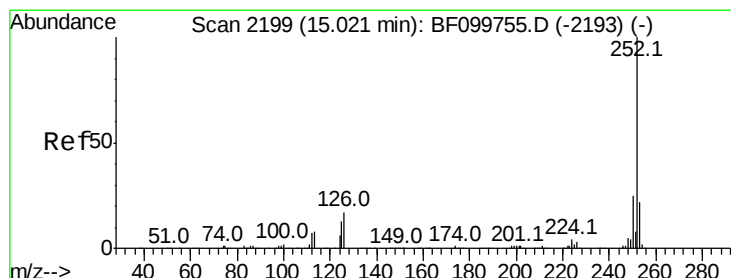
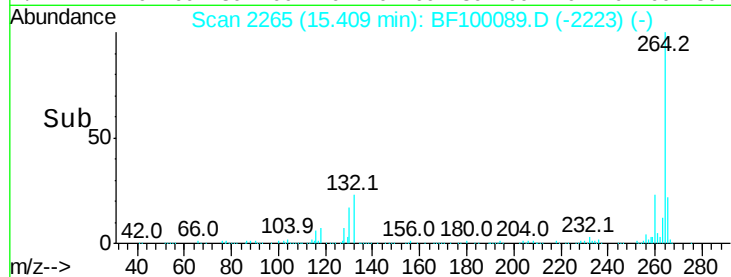
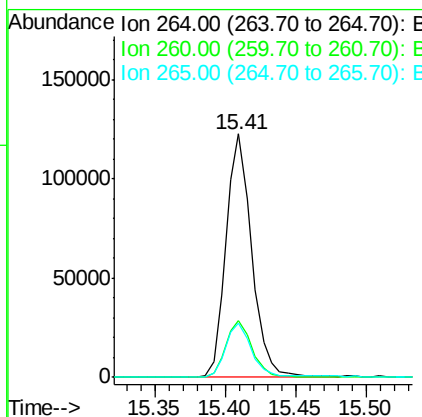
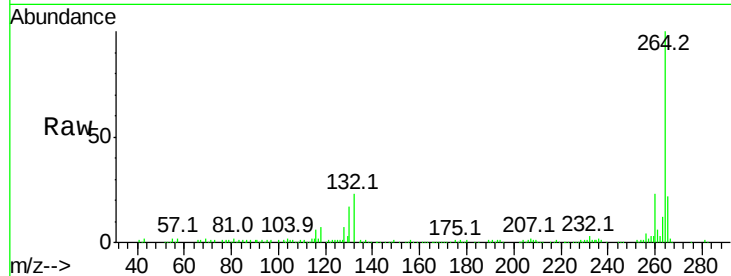
ClientSampleId :

SB-4(7-9)

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.2	28.8
265	22.4	17.5	26.3

Manual Integrations
APPROVED

Sohil
11/3/2017 11:19:22 AM



#87

Benzo(b)fluoranthene

Concen: 2.032 ng m

RT: 14.99 min Scan# 2194

Delta R.T. -0.05 min

Lab File: BF100089.D

Acq: 2 Nov 2017 17:12

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.1	17.0	25.6
125	18.1	9.0	13.6#

