

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF110117\
 Data File : BF100054.D
 Acq On : 1 Nov 2017 19:56
 Operator : SJ/JU
 Sample : I6233-04
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

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

Manual Integrations
 APPROVED

Sohil
 11/2/2017 4:27:19 PM

Quant Time: Nov 02 04:33:39 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	81049	20.00	ng	0.00
21) Naphthalene-d8	8.06	136	320750	20.00	ng	0.00
38) Acenaphthene-d10	9.82	164	144577	20.00	ng	0.00
63) Phenanthrene-d10	11.35	188	239128	20.00	ng	0.04
75) Chrysene-d12	14.68	240	172901m	20.00	ng	0.71
86) Perylene-d12	16.91	264	161014m	20.00	ng	1.45
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	538273	104.27	ng	0.01
7) Phenol-d6	6.43	99	634163	103.60	ng	0.00
23) Nitrobenzene-d5	7.35	82	352601	70.77	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	134912	102.40	ng	0.01
44) 2-Fluorobiphenyl	9.14	172	667277	71.21	ng	0.00
78) Terphenyl-d14	13.20	244	526527m	66.55	ng	0.30
Target Compounds						
10) Phenol	6.44	94	14035	2.088	ng	82
49) Dimethylphthalate	9.54	163	114891	10.035	ng	99
77) Pyrene	13.02	202	33623m	2.557	ng	

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

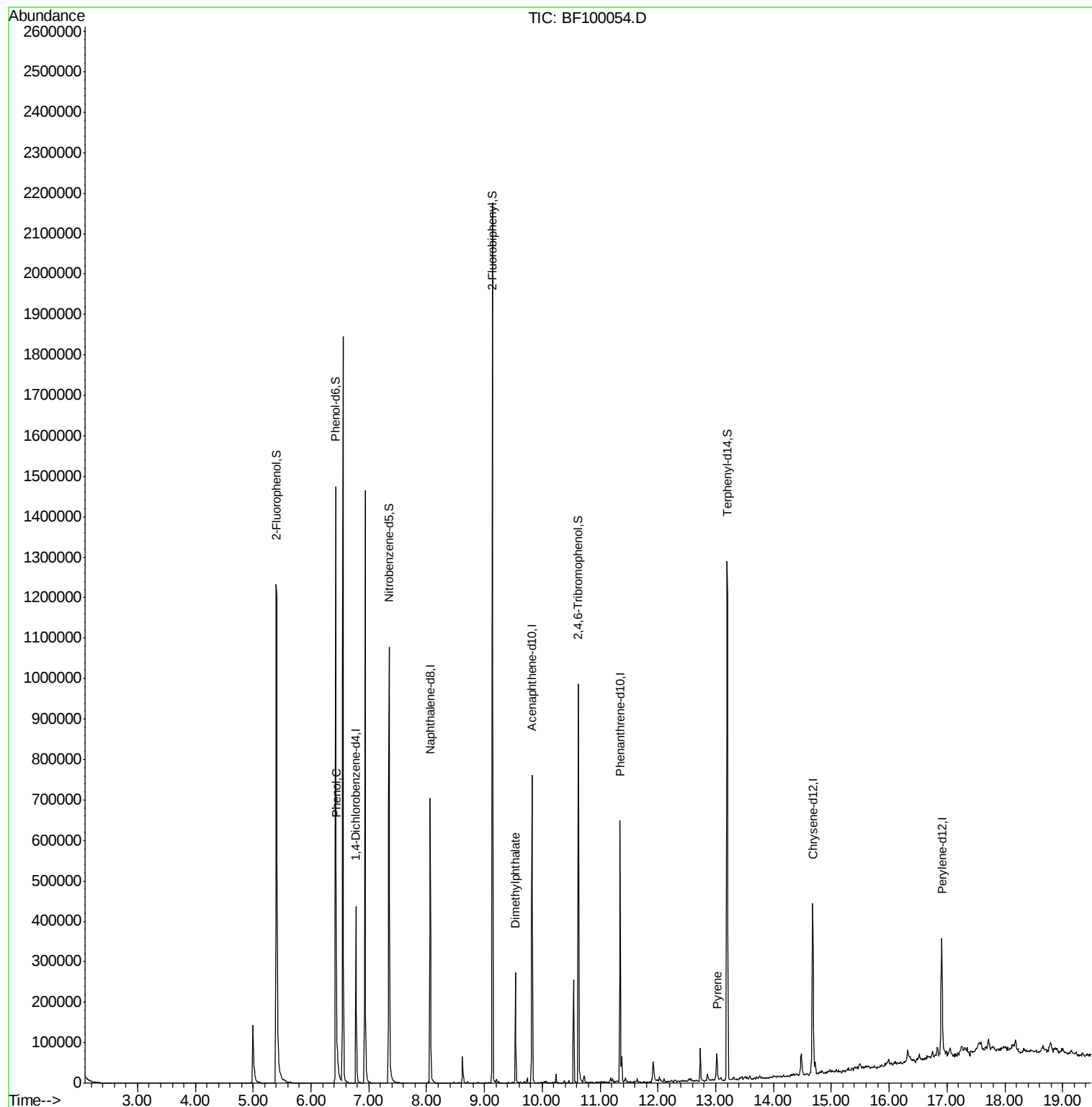
Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF110117\
Data File : BF100054.D
Acq On : 1 Nov 2017 19:56
Operator : SJ/JU
Sample : I6233-04
Misc :
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Instrument :
BNA_F
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SB-4(7-9)

Manual Integrations
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Quant Time: Nov 02 04:33:39 2017
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#1

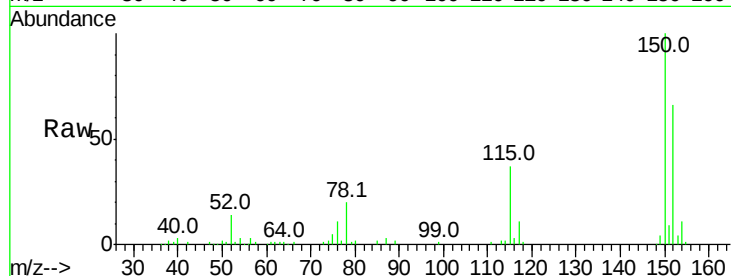
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.78 min Scan# 798
Delta R.T. 0.01 min
Lab File: BF100054.D
Acq: 1 Nov 2017 19:56

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

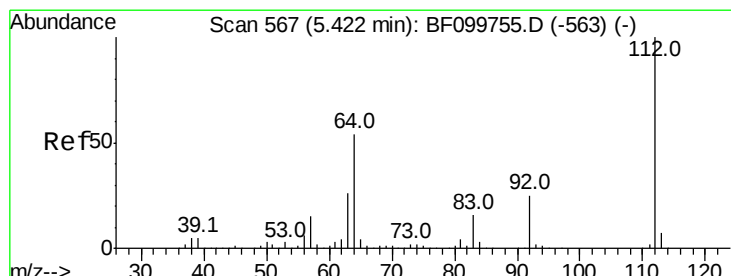
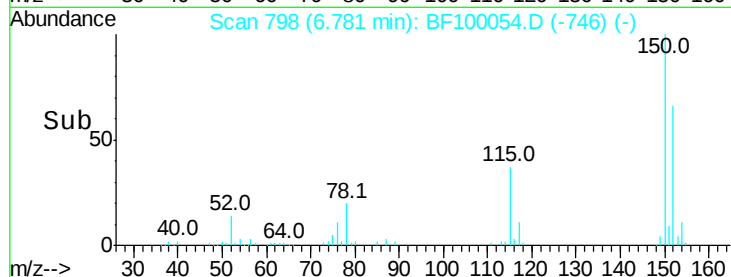
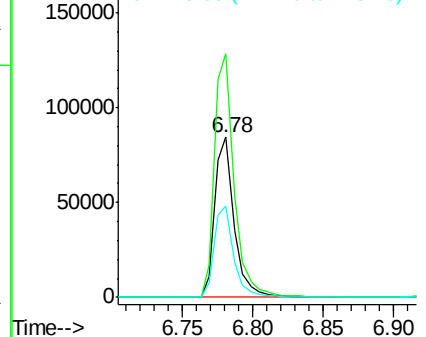
Tot Ion	Ratio	Lower	Upper
152	100		
150	152.0	124.6	186.8
115	56.7	50.1	75.1

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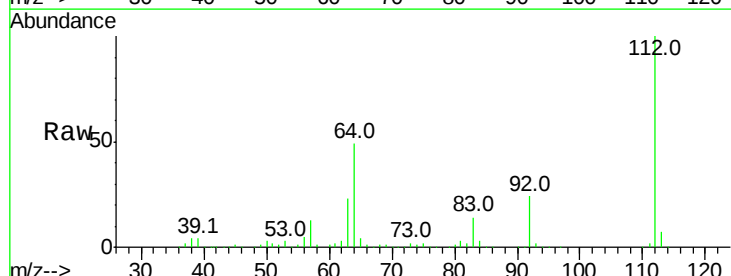
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



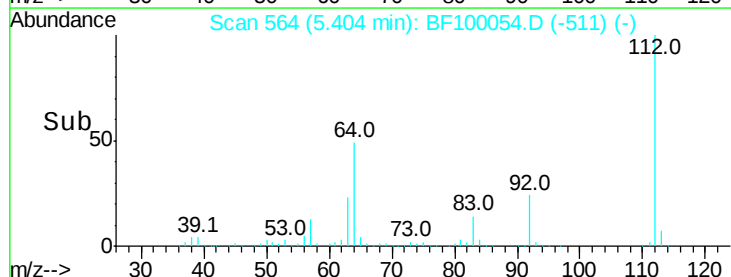
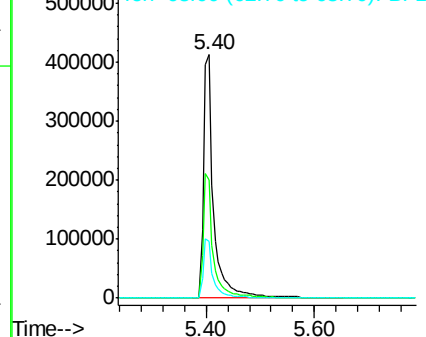
#5

2-Fluorophenol
Concen: 104.267 ng
RT: 5.40 min Scan# 564
Delta R.T. 0.01 min
Lab File: BF100054.D
Acq: 1 Nov 2017 19:56

Tgt Ion	Ratio	Lower	Upper
112	100		
64	48.7	47.9	71.9
63	23.3	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: 103.600 ng

RT: 6.43 min Scan# 738

Delta R.T. 0.00 min

Lab File: BF100054.D

Acq: 1 Nov 2017 19:56

Instrument :

BNA_F

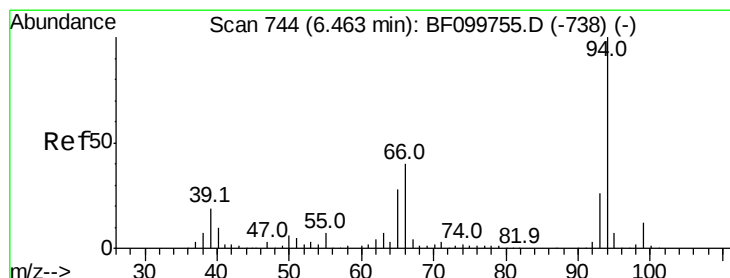
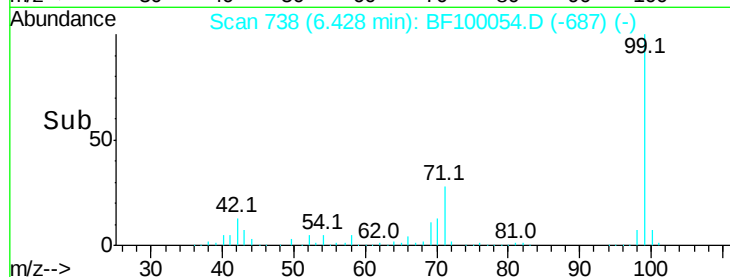
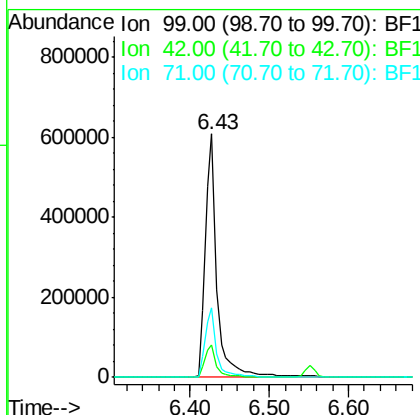
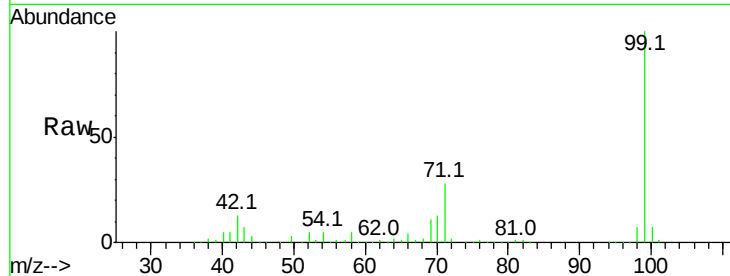
ClientSampleId :

SB-4(7-9)

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		634163		
42	13.1	14.5	21.7#		
71	28.3	25.4	38.0		

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#10

Phenol

Concen: 2.088 ng

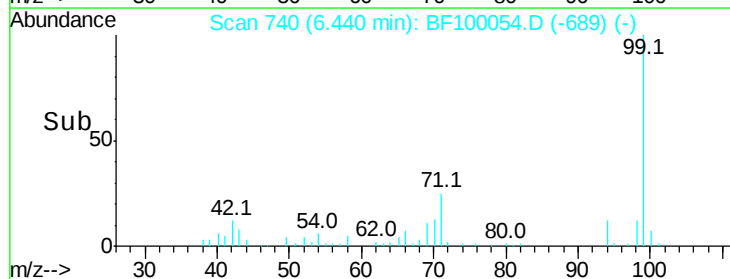
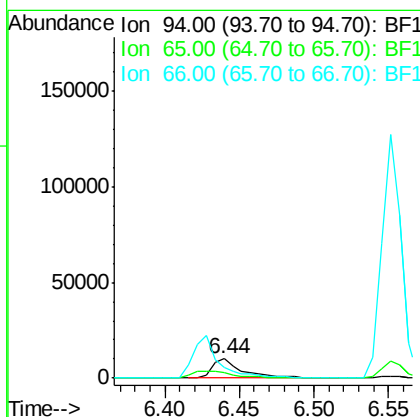
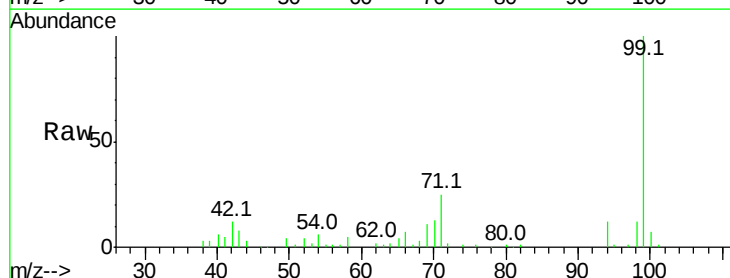
RT: 6.44 min Scan# 740

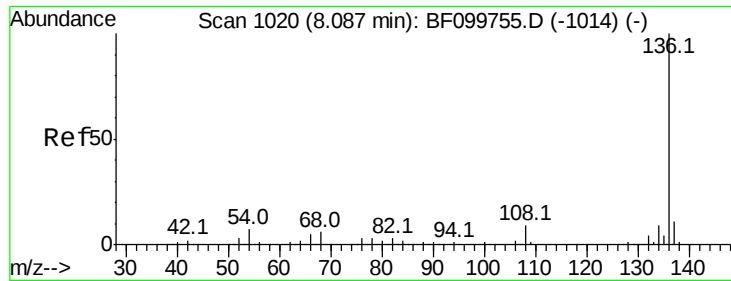
Delta R.T. 0.00 min

Lab File: BF100054.D

Acq: 1 Nov 2017 19:56

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
94	100		14035		
65	30.4	7.9	47.9		
66	53.1	16.2	56.2		





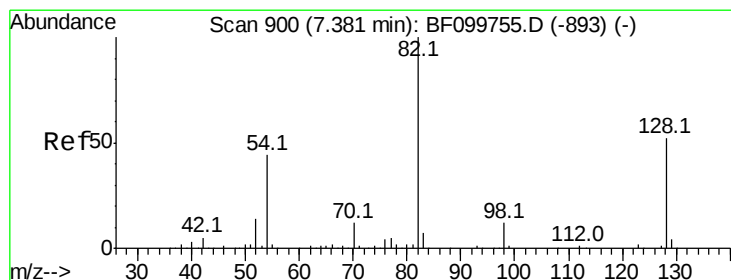
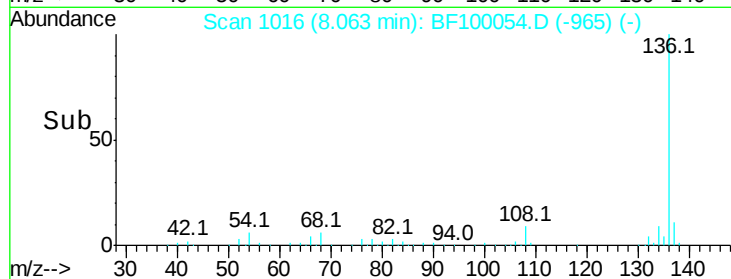
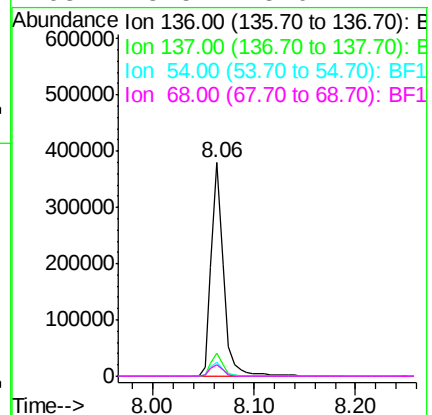
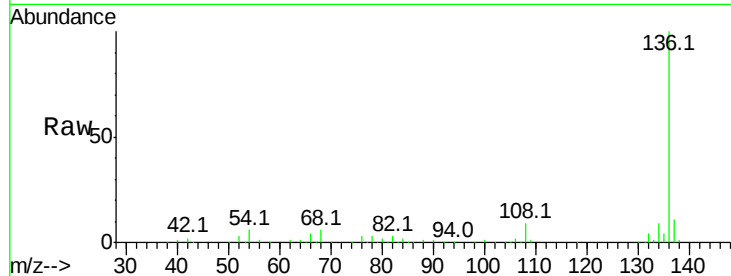
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.06 min Scan# 1016
Delta R.T. 0.00 min
Lab File: BF100054.D
Acq: 1 Nov 2017 19:56

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

Tot Ion	Ratio	Resp Lower	Upper
136	100		
137	11.0	8.9	13.3
54	6.5	6.6	9.8
68	5.5	5.0	7.4

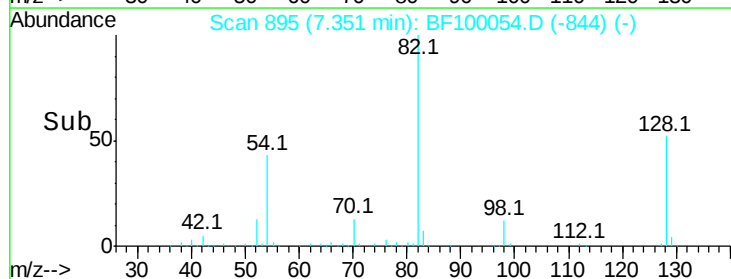
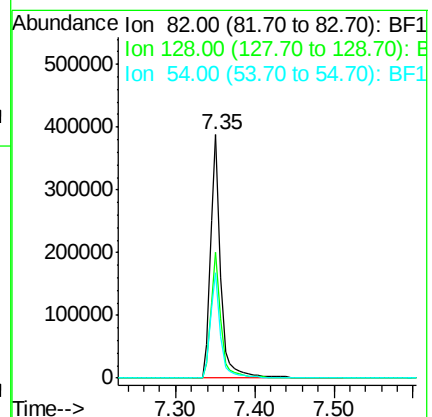
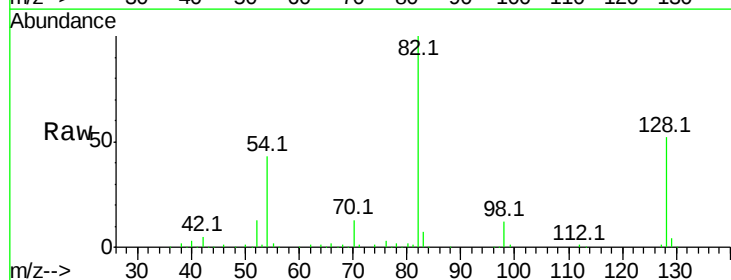
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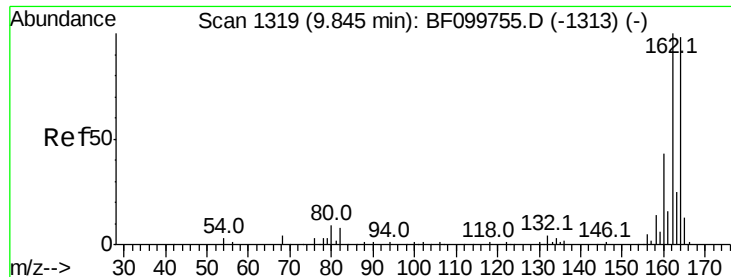
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#23
Nitrobenzene-d5
Concen: 70.774 ng
RT: 7.35 min Scan# 895
Delta R.T. 0.00 min
Lab File: BF100054.D
Acq: 1 Nov 2017 19:56

Tgt Ion	Ratio	Resp Lower	Upper
82	100		
128	51.5	36.1	54.1
54	43.3	41.4	62.2





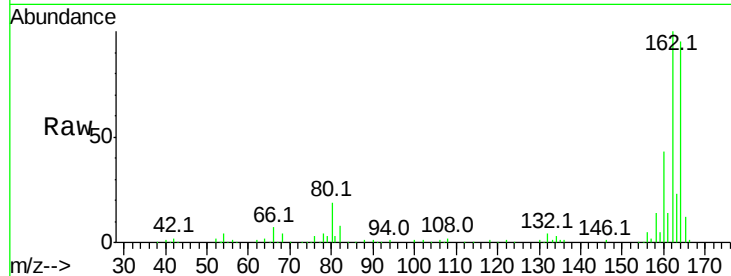
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.82 min Scan# 1315
Delta R.T. 0.01 min
Lab File: BF100054.D
Acq: 1 Nov 2017 19:56

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

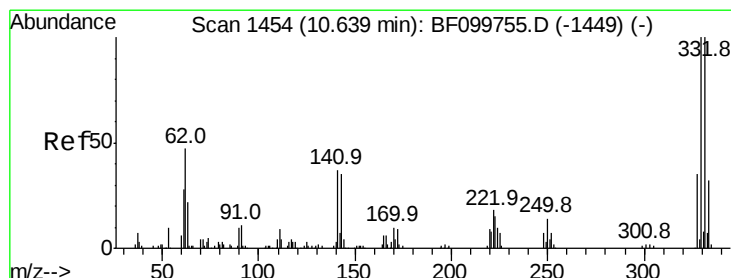
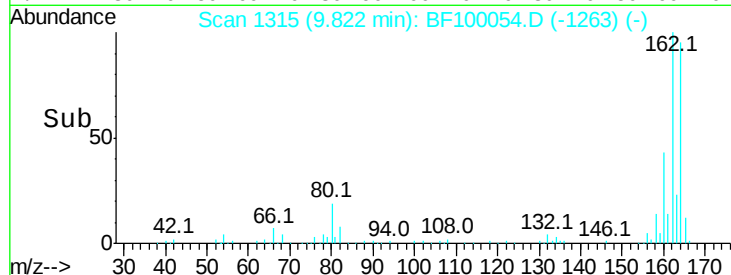
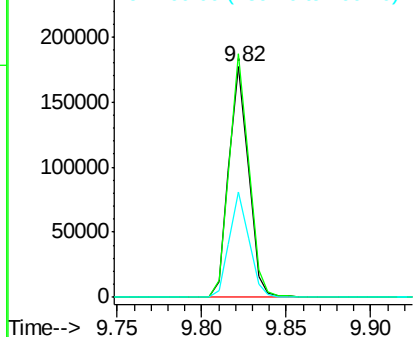
Tot Ion	Ratio	Lower	Upper
164	100		
162	105.6	86.1	129.1
160	45.8	38.3	57.5

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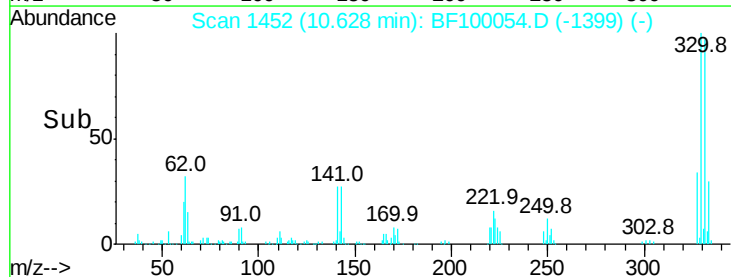
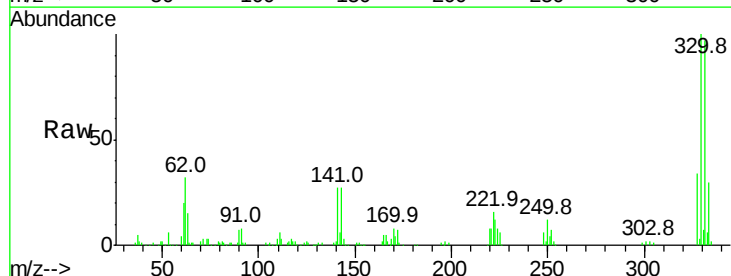
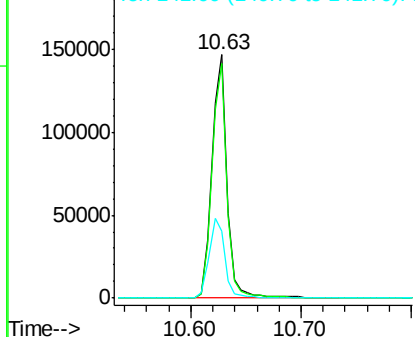
Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E



#41
2,4,6-Tribromophenol
Concen: 102.396 ng
RT: 10.63 min Scan# 1452
Delta R.T. 0.01 min
Lab File: BF100054.D
Acq: 1 Nov 2017 19:56

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.3	77.0	115.6
141	34.3	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





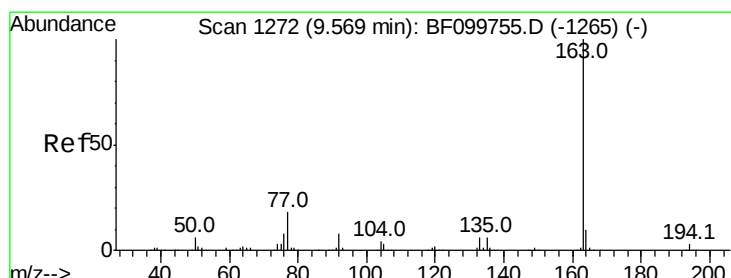
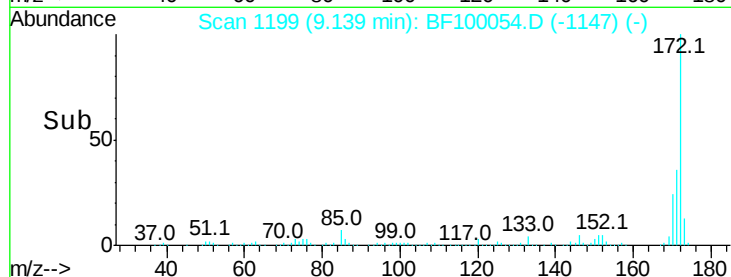
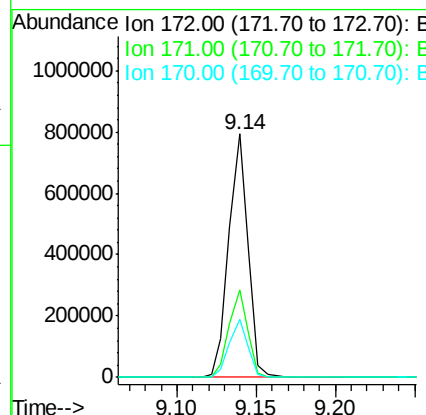
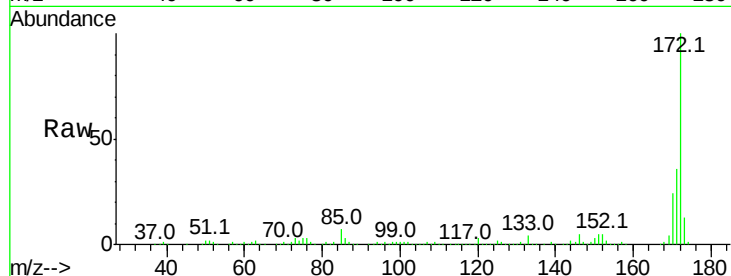
#44
2-Fluorobiphenyl
Concen: 71.208 ng
RT: 9.14 min Scan# 1199
Delta R.T. 0.01 min
Lab File: BF100054.D
Acq: 1 Nov 2017 19:56

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

Tot Ion	Ratio	Resp	Lower	Upper
172	100	667277		
171	36.0		29.7	44.5
170	23.6		19.6	29.4

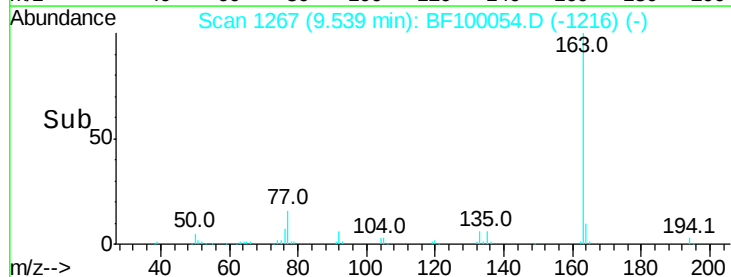
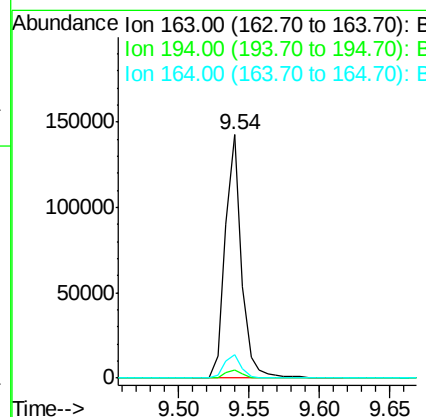
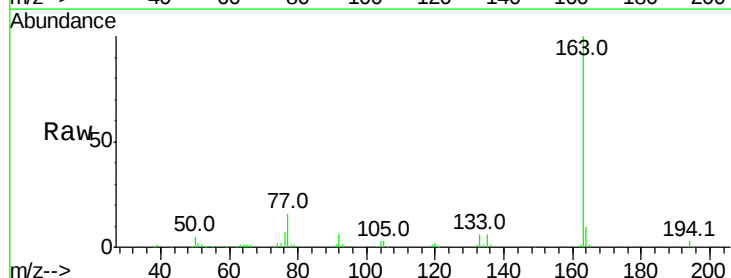
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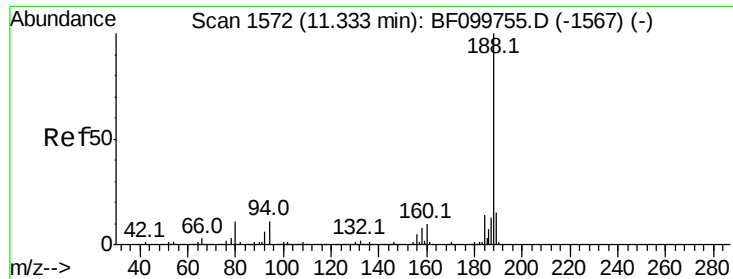
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#49
Dimethylphthalate
Concen: 10.035 ng
RT: 9.54 min Scan# 1267
Delta R.T. 0.00 min
Lab File: BF100054.D
Acq: 1 Nov 2017 19:56

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	114891		
194	3.4		2.7	4.1
164	9.9		8.2	12.2





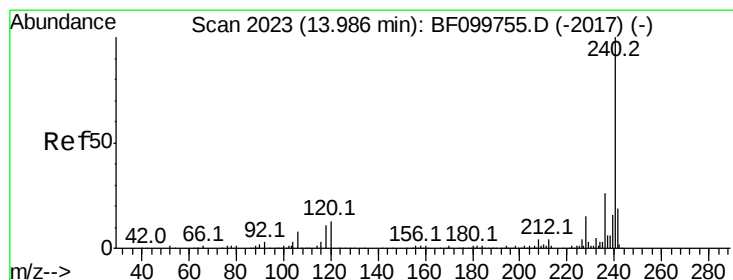
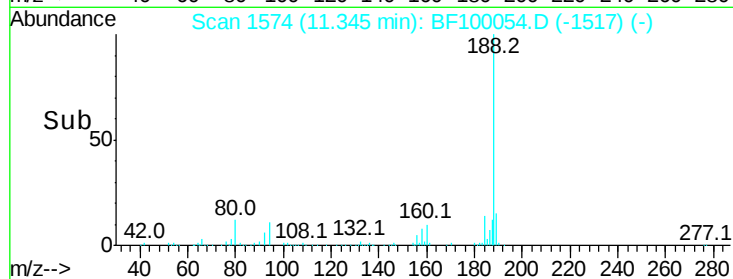
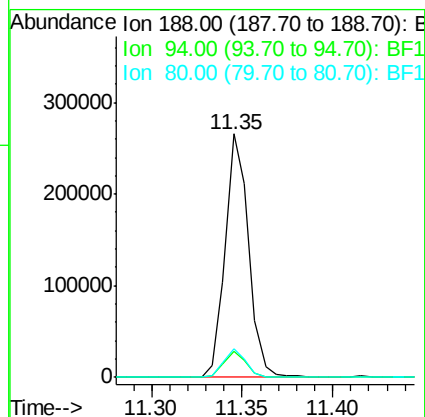
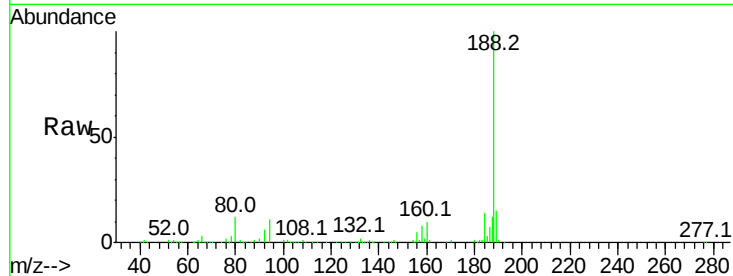
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.35 min Scan# 1574
Delta R.T. 0.04 min
Lab File: BF100054.D
Acq: 1 Nov 2017 19:56

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

Tot Ion:188	Resp: 239128
Ion Ratio	Lower Upper
188 100	
94 10.9	8.5 12.7
80 11.6	9.2 13.8

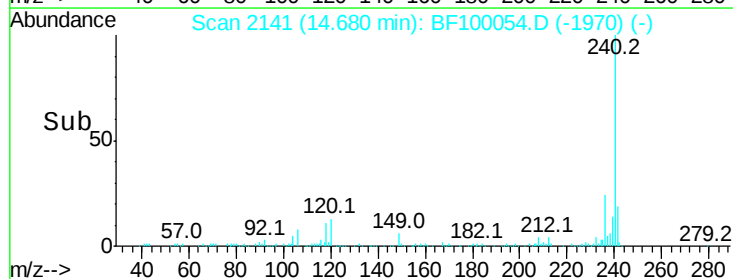
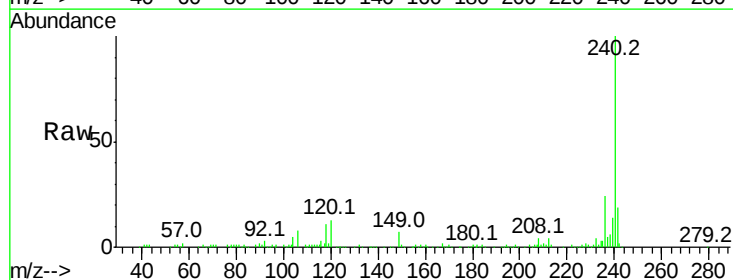
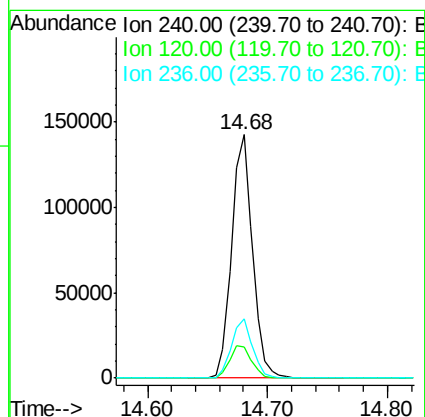
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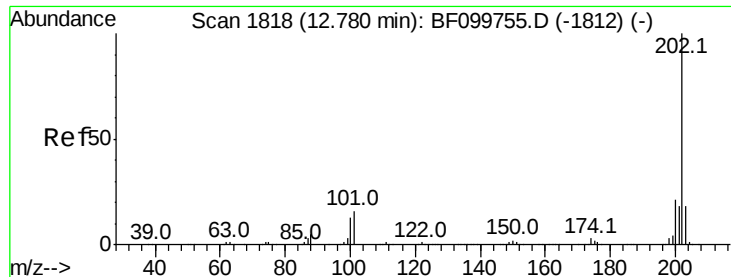
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#75
Chrysene-d12
Concen: 20.000 ng m
RT: 14.68 min Scan# 2141
Delta R.T. 0.71 min
Lab File: BF100054.D
Acq: 1 Nov 2017 19:56

Tgt Ion:240	Resp: 172901
Ion Ratio	Lower Upper
240 100	
120 12.9	9.5 14.3
236 24.4	20.7 31.1





#77

Pvrene

Concen: 2.557 ng/mL

RT: 13.02 min Scan# 1859

Delta R.T. 0.26 min

Lab File: BF100054.D

Acq: 1 Nov 2017 19:56

Instrument :

BNA_F

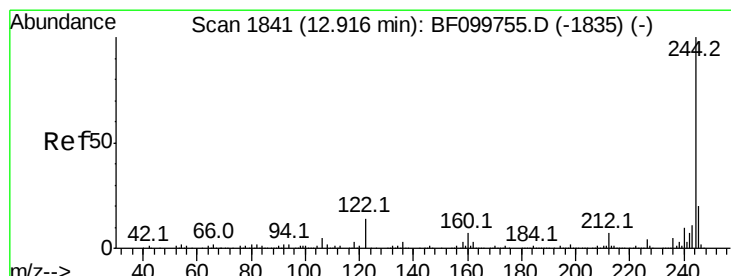
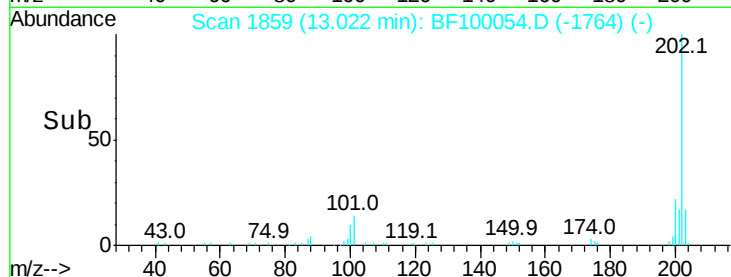
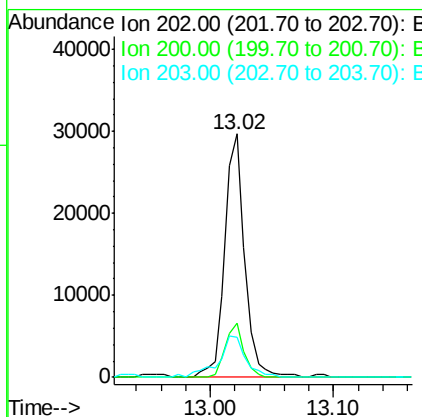
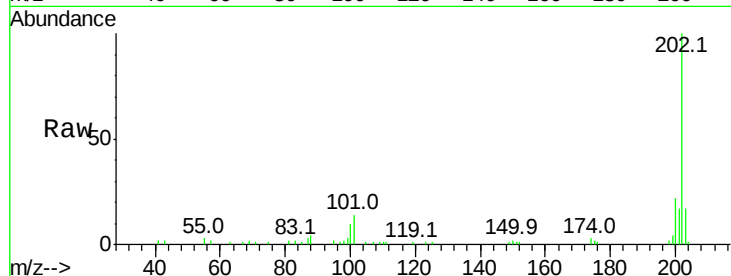
ClientSampleId :

SB-4(7-9)

Tot Ion:	202	Resp:	33623
Ion Ratio	Lower	Upper	
202	100		
200	22.1	17.4	26.2
203	16.6	14.3	21.5

Manual Integrations
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#78

Terphenyl-d14

Concen: 66.550 ng/mL

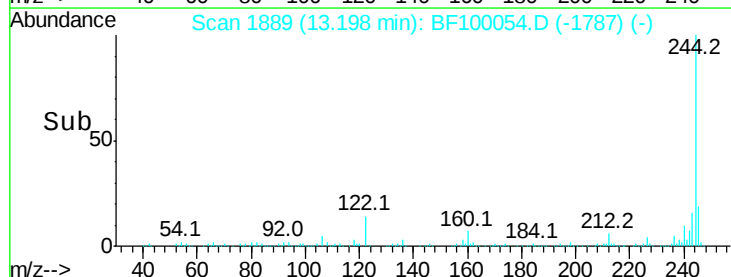
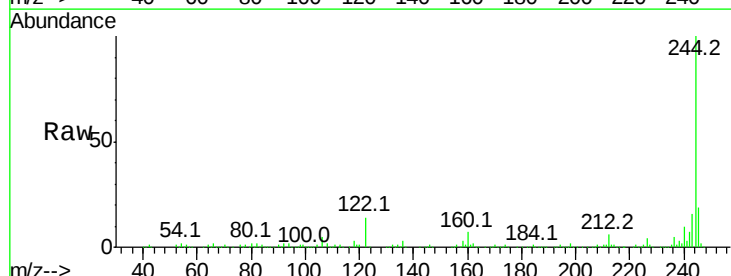
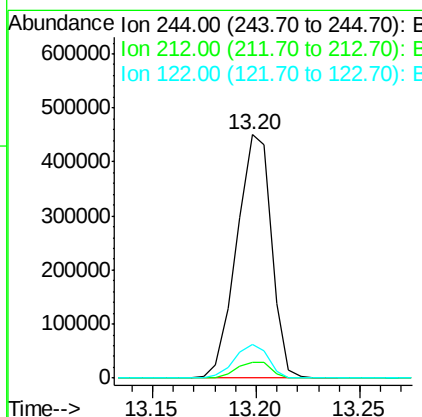
RT: 13.20 min Scan# 1889

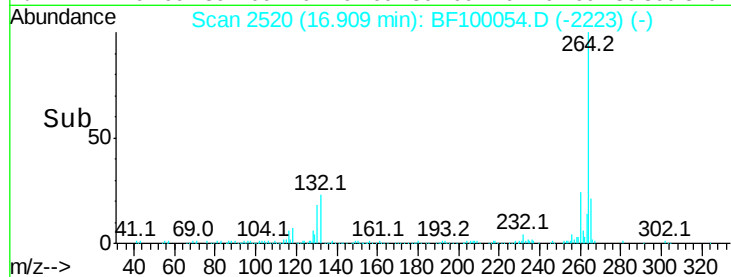
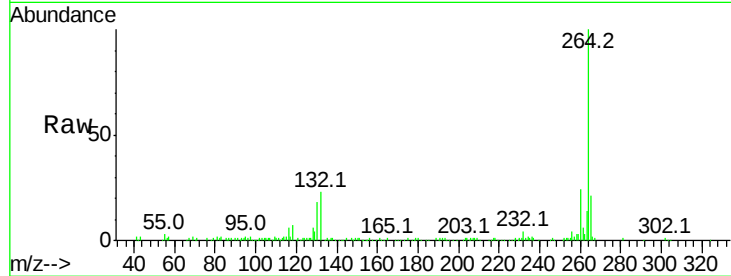
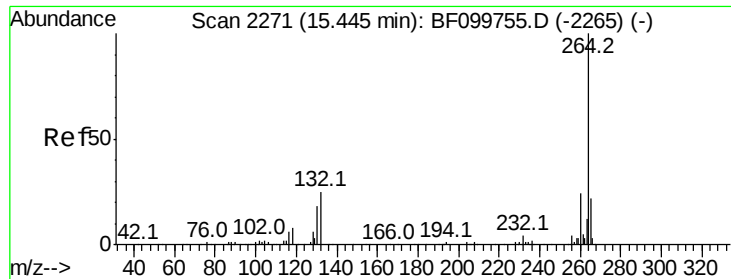
Delta R.T. 0.30 min

Lab File: BF100054.D

Acq: 1 Nov 2017 19:56

Tgt Ion:	244	Resp:	526527
Ion Ratio	Lower	Upper	
244	100		
212	6.5	5.4	8.0
122	14.0	11.0	16.4





#86
 Pervlene-d12
 Concen: 20.000 ng/ml
 RT: 16.91 min Scan# 2520
 Delta R.T. 1.45 min
 Lab File: BF100054.D
 Acq: 1 Nov 2017 19:56

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

Tot Ion	Ratio	Resp Lower	Resp Upper
264	100		
260	23.9	19.2	28.8
265	21.4	17.5	26.3

Manual Integrations
 APPROVED

Sohil
 11/2/2017 4:27:19 PM

