

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101817\
 Data File : BF099654.D
 Acq On : 19 Oct 2017 9:11
 Operator : SJ/JU
 Sample : I5935-03
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CL-02-101617-A

Manual Integrations
 APPROVED

Sohil
 10/19/2017 6:15:53 PM

Quant Time: Oct 19 17:34:47 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 18 15:18:49 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	84837	20.00	ng	0.00
21) Naphthalene-d8	8.11	136	306196	20.00	ng	0.00
38) Acenaphthene-d10	9.86	164	108676	20.00	ng	0.00
63) Phenanthrene-d10	11.35	188	172939	20.00	ng	0.00
75) Chrysene-d12	13.99	240	182405	20.00	ng	0.00
86) Perylene-d12	15.46	264	141305	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	713998	133.98	ng	0.02
7) Phenol-d6	6.47	99	752283	114.43	ng	0.00
23) Nitrobenzene-d5	7.40	82	487777	102.16	ng	0.00
41) 2,4,6-Tribromophenol	10.66	330	133392	150.00	ng	0.00
44) 2-Fluorobiphenyl	9.18	172	832633	127.90	ng	0.00
78) Terphenyl-d14	12.93	244	683883	85.27	ng	0.00
Target Compounds						
31) Naphthalene	8.13	128	33594	2.336	ng	99
54) Dibenzofuran	10.07	168	18114	2.001	ng	94
70) Phenanthrene	11.37	178	21912	2.367	ng	98

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

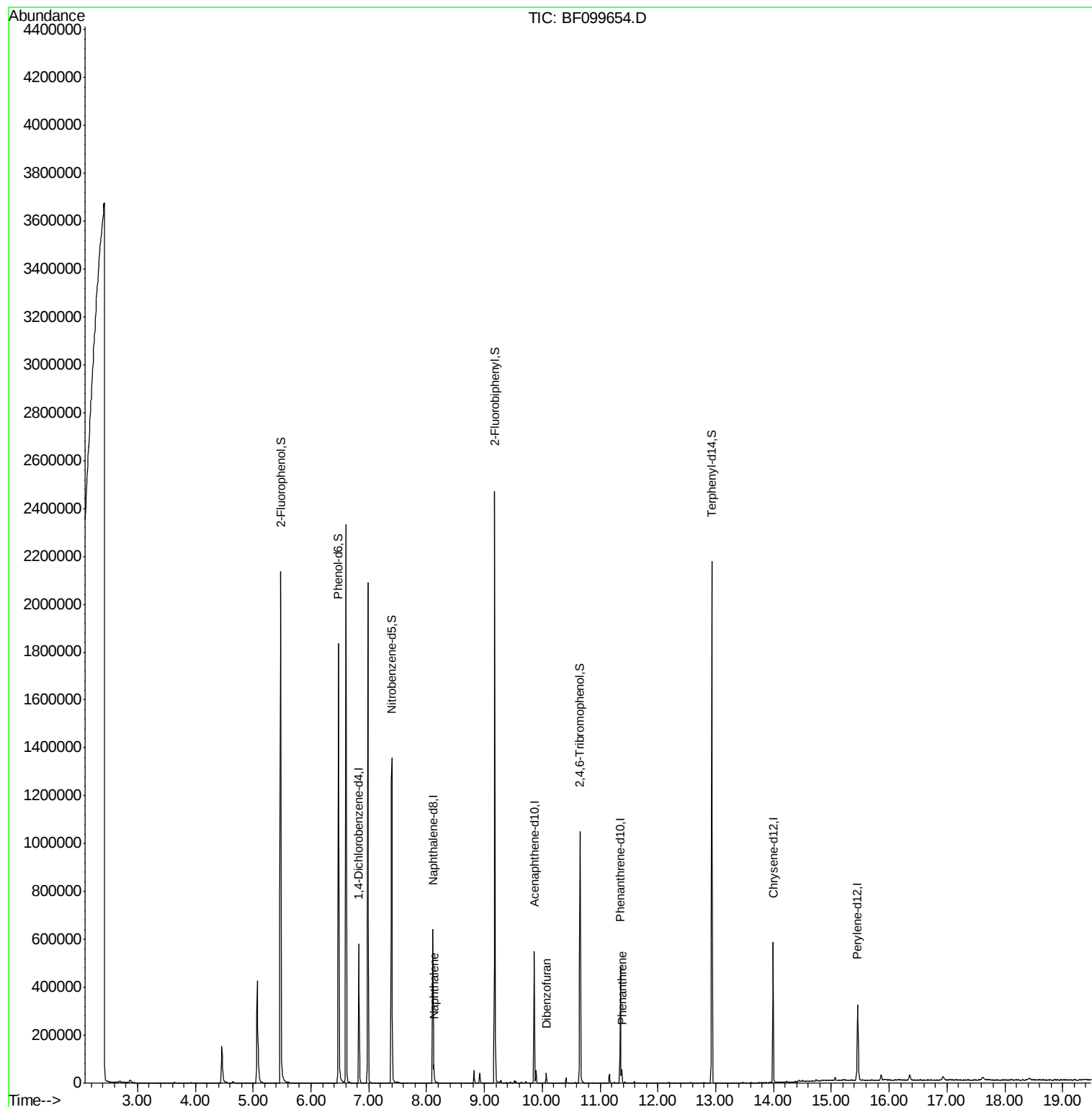
Data Path : Z:\HPCHEM1\BNA F\DATA\BF101817\
Data File : BF099654.D
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Misc :
ALS Vial : 35 Sample Multiplier: 1

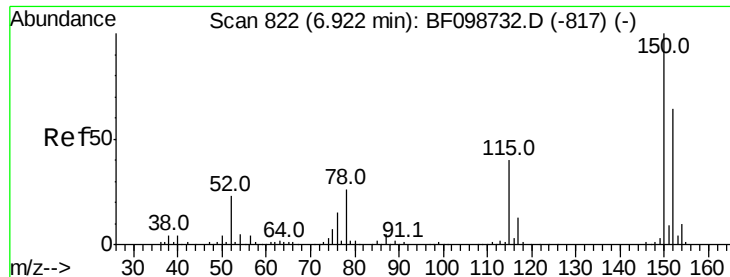
Instrument :
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#1

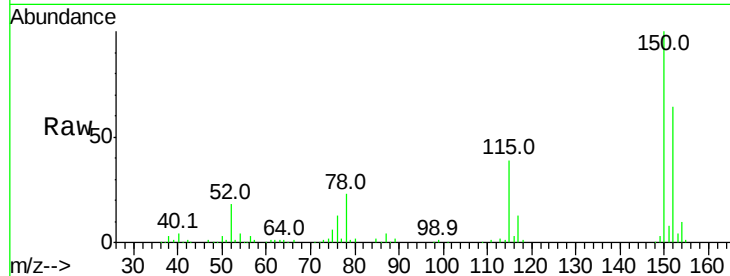
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 806
Delta R.T. 0.00 min
Lab File: BF099654.D
Acq: 19 Oct 2017 9:11

Instrument :
BNA_F
ClientSampleId :
CL-02-101617-A

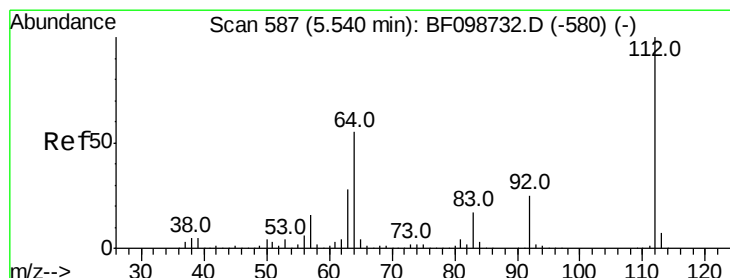
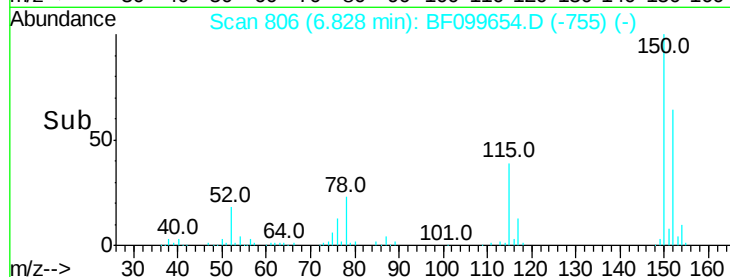
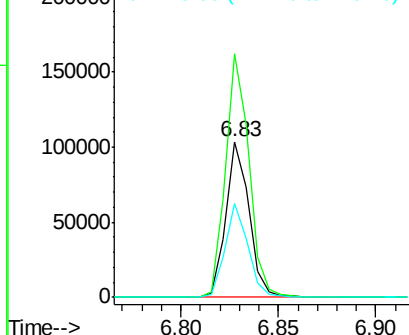
Tot Ion	Ratio	Lower	Upper
152	100		
150	156.4	124.6	186.8
115	60.5	50.1	75.1

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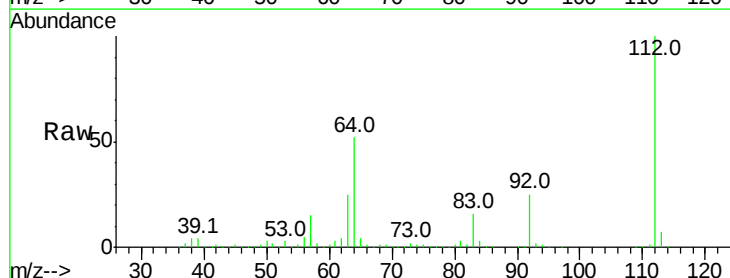
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



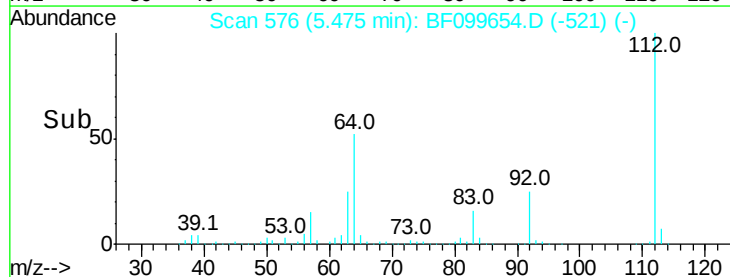
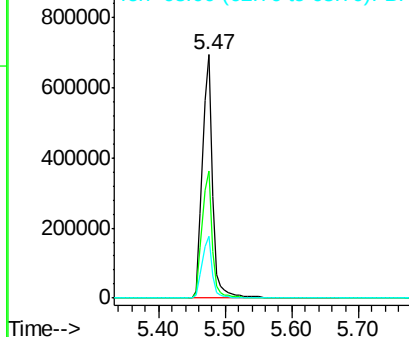
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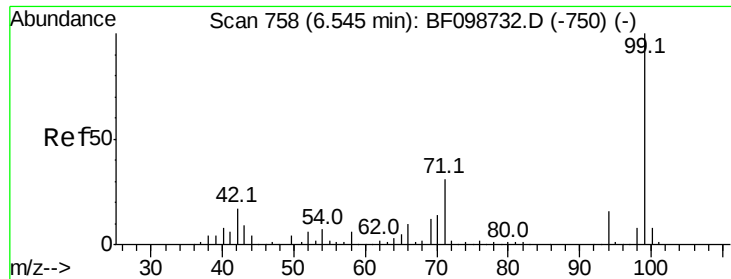
2-Fluorophenol
Concen: 133.976 ng
RT: 5.47 min Scan# 576
Delta R.T. 0.02 min
Lab File: BF099654.D
Acq: 19 Oct 2017 9:11

Tgt Ion	Ratio	Lower	Upper
112	100		
64	52.0	47.9	71.9
63	25.2	23.7	35.5



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF0
Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 114.428 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.01 min

Lab File: BF099654.D

Acq: 19 Oct 2017 9:11

Instrument :

BNA_F

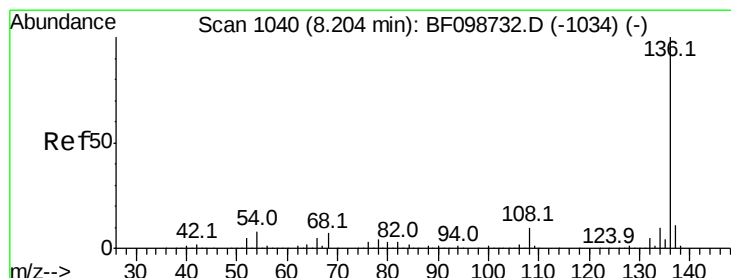
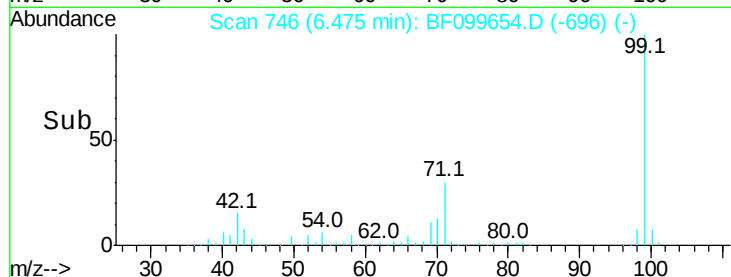
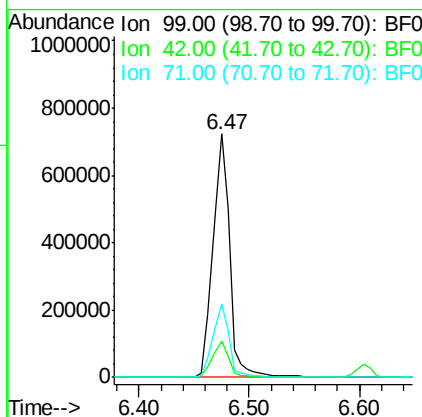
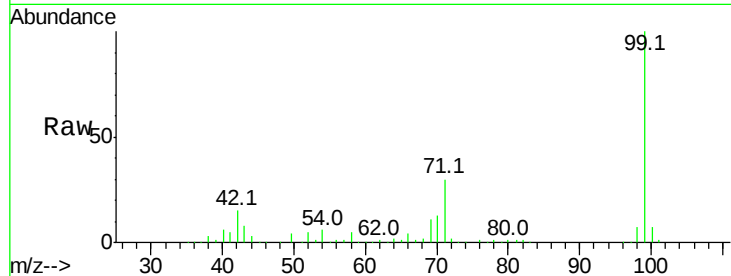
ClientSampleId :

CL-02-101617-A

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		752283		
42	14.9	14.5	21.7		
71	30.2	25.4	38.0		

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#21

Naphthalene-d8

Concen: 20.000 ng

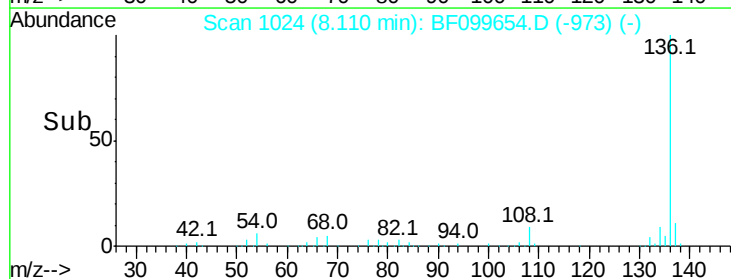
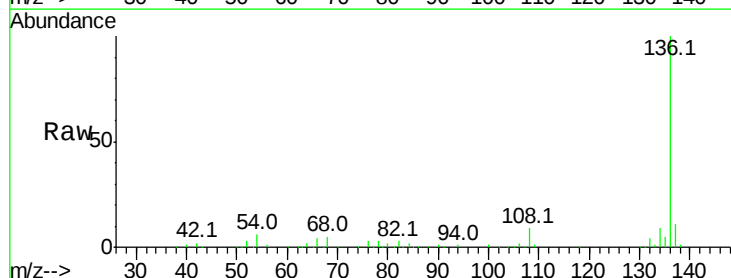
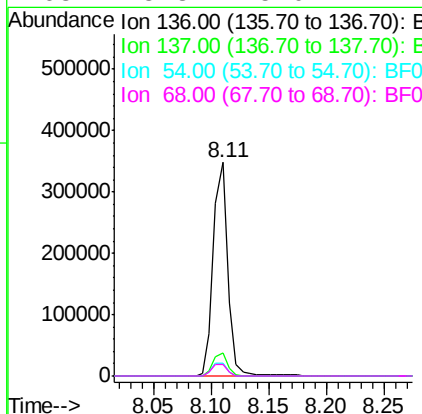
RT: 8.11 min Scan# 1024

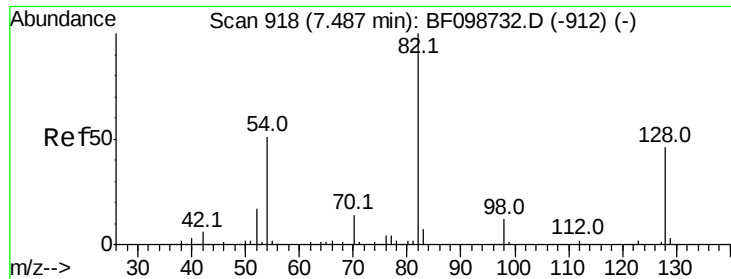
Delta R.T. 0.00 min

Lab File: BF099654.D

Acq: 19 Oct 2017 9:11

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100		306196		
137	10.7	8.9	13.3		
54	6.3	6.6	9.8		
68	5.3	5.0	7.4		





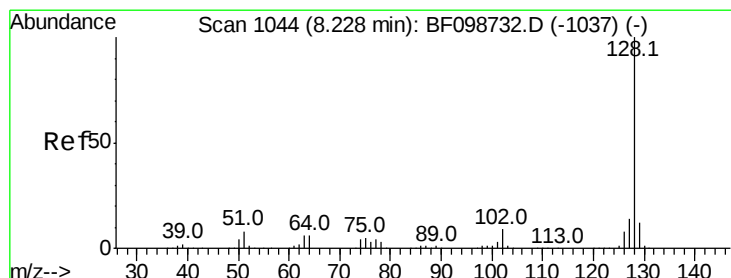
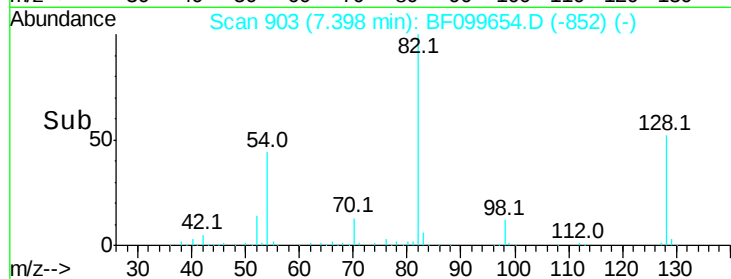
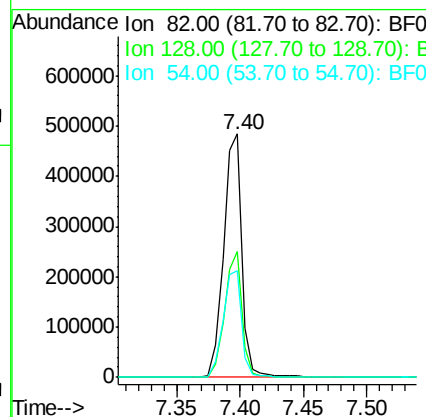
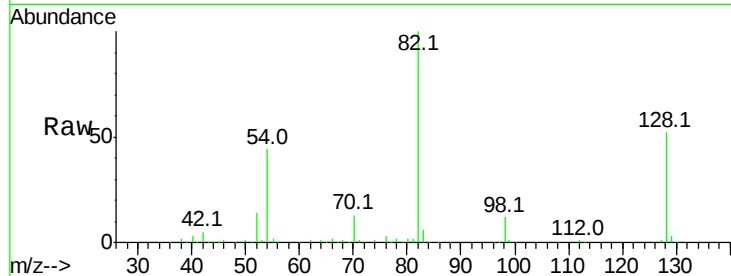
#23
Nitrobenzene-d5
Concen: 102.161 ng
RT: 7.40 min Scan# 903
Delta R.T. 0.00 min
Lab File: BF099654.D
Acq: 19 Oct 2017 9:11

Instrument :
BNA_F
ClientSampleId :
CL-02-101617-A

Tot Ion	Ratio	Lower	Upper
82	100		
128	51.5	36.1	54.1
54	43.9	41.4	62.2

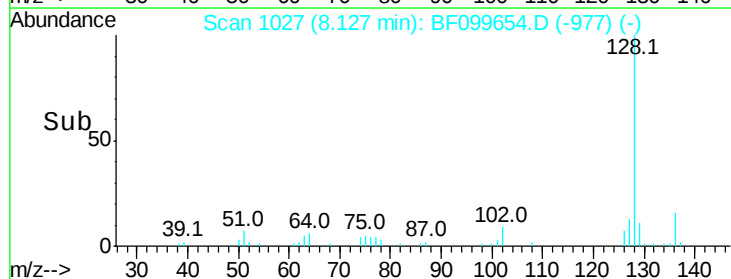
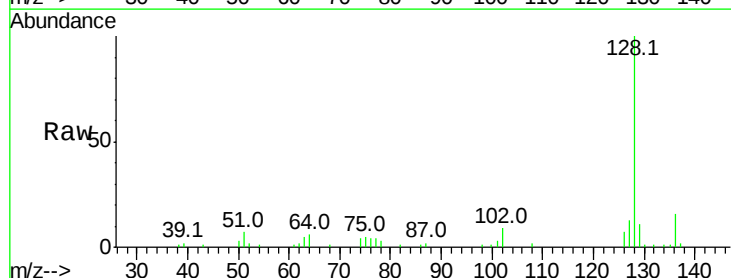
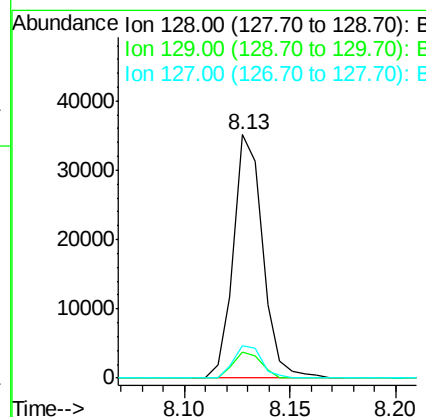
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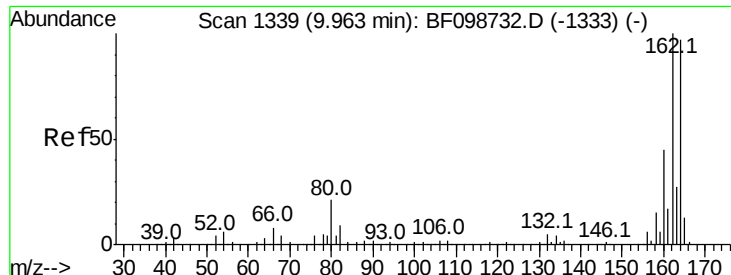
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#31
Naphthalene
Concen: 2.336 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BF099654.D
Acq: 19 Oct 2017 9:11

Tgt Ion	Ratio	Lower	Upper
128	100		
129	10.8	8.8	13.2
127	13.2	10.9	16.3





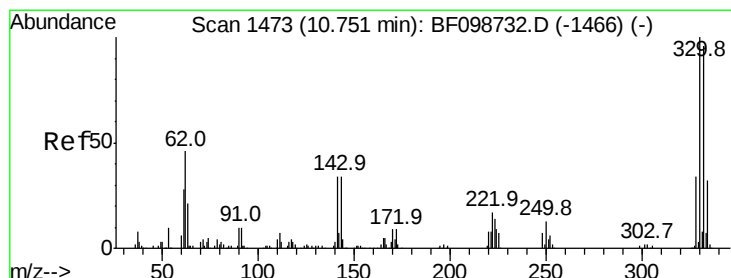
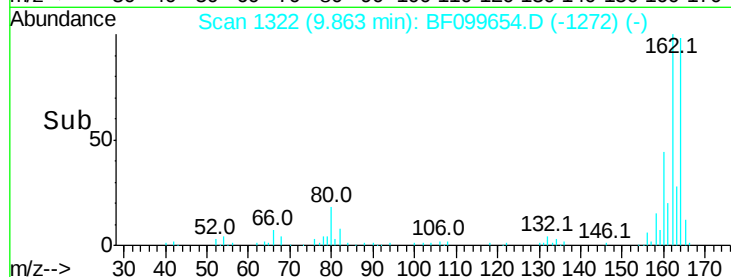
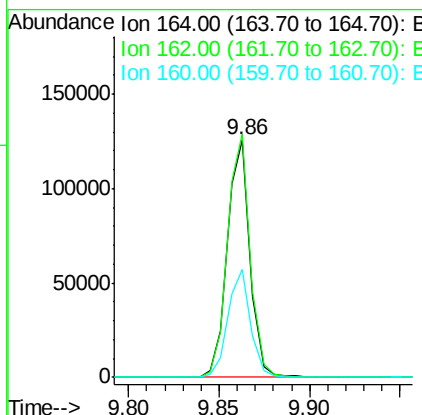
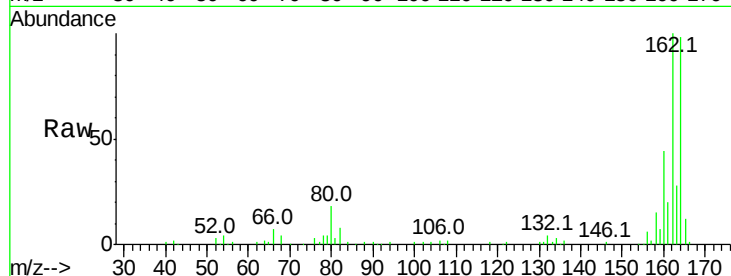
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.86 min Scan# 1322
Delta R.T. -0.01 min
Lab File: BF099654.D
Acq: 19 Oct 2017 9:11

Instrument :
BNA_F
ClientSampleId :
CL-02-101617-A

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	102.5	86.1	129.1	
160	45.5	38.3	57.5	

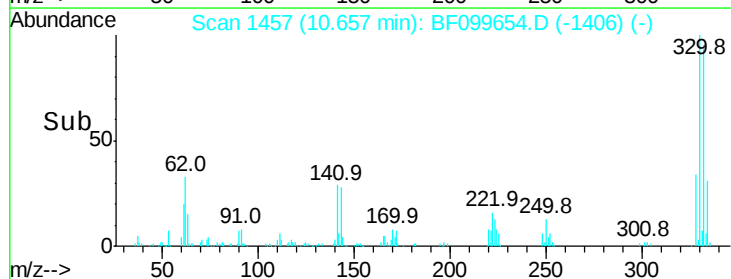
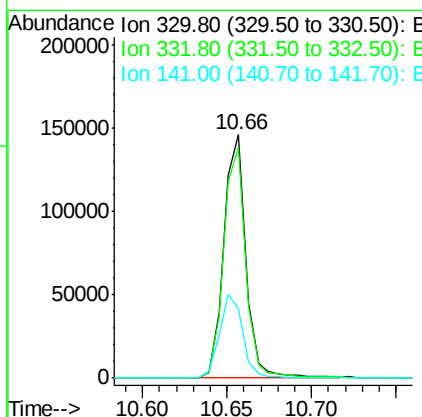
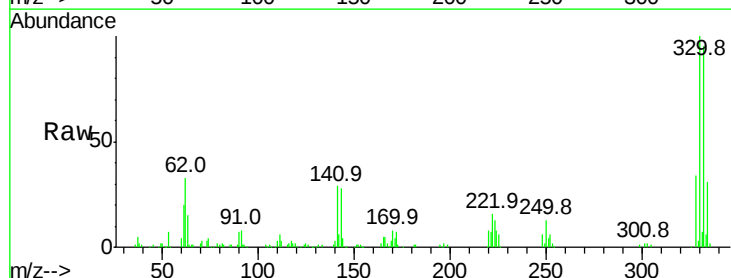
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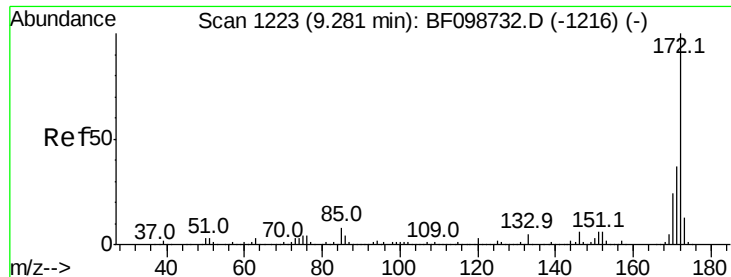
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#41
2,4,6-Tribromophenol
Concen: 150.003 ng
RT: 10.66 min Scan# 1457
Delta R.T. 0.00 min
Lab File: BF099654.D
Acq: 19 Oct 2017 9:11

Tgt Ion	Ratio	Resp	Lower	Upper
330	100			
332	96.0	77.0	115.6	
141	36.3	29.9	44.9	





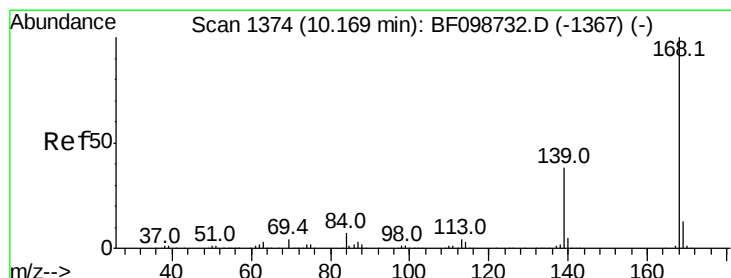
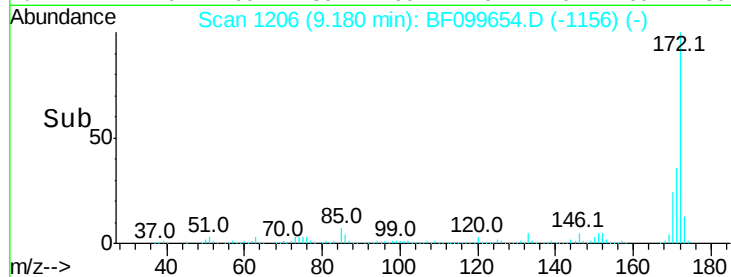
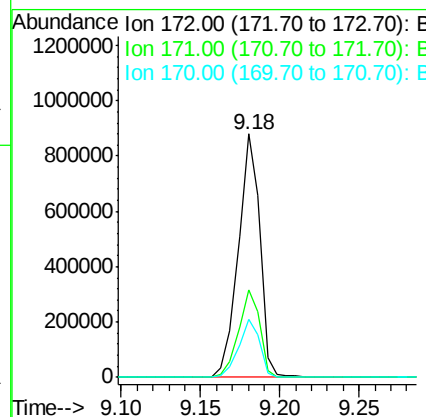
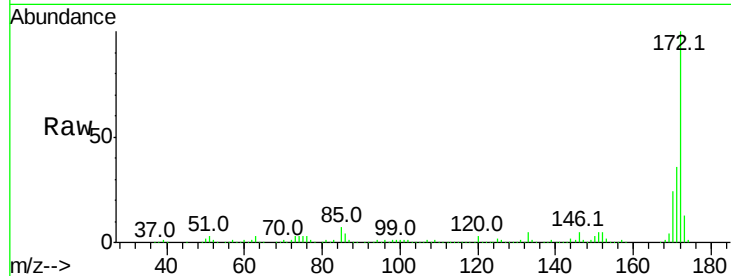
#44
2-Fluorobiphenyl
Concen: 127.904 ng
RT: 9.18 min Scan# 1206
Delta R.T. -0.01 min
Lab File: BF099654.D
Acq: 19 Oct 2017 9:11

Instrument :
BNA_F
ClientSampleId :
CL-02-101617-A

Tot Ion:	172	Resp:	832633
Ion Ratio	Lower	Upper	
172	100		
171	35.8	29.7	44.5
170	23.7	19.6	29.4

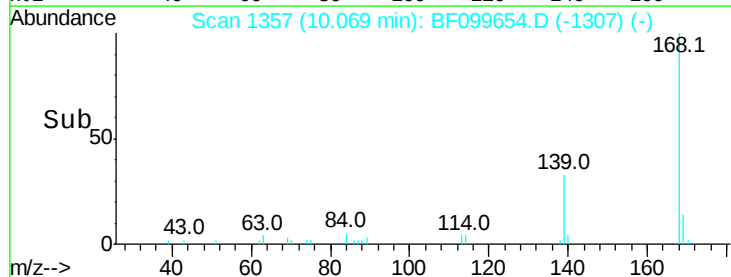
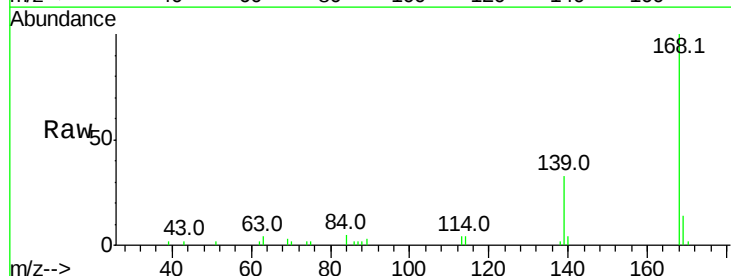
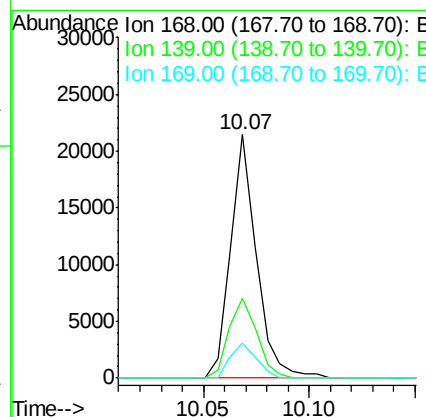
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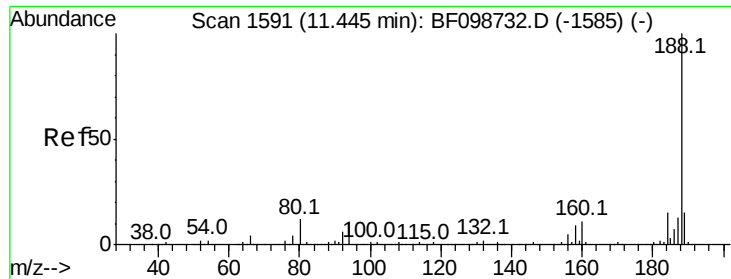
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#54
Dibenzofuran
Concen: 2.001 ng
RT: 10.07 min Scan# 1357
Delta R.T. -0.01 min
Lab File: BF099654.D
Acq: 19 Oct 2017 9:11

Tgt Ion:	168	Resp:	18114
Ion Ratio	Lower	Upper	
168	100		
139	32.9	30.1	45.1
169	14.2	10.9	16.3





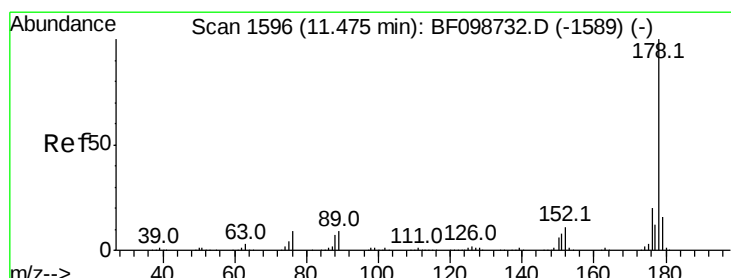
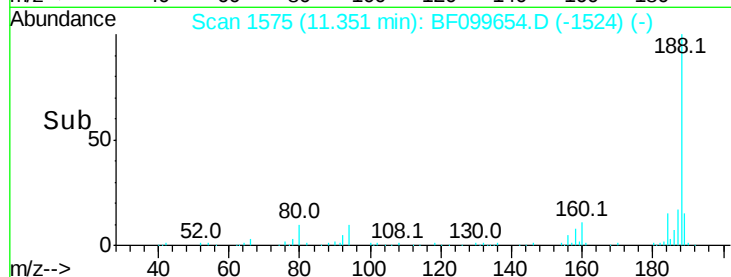
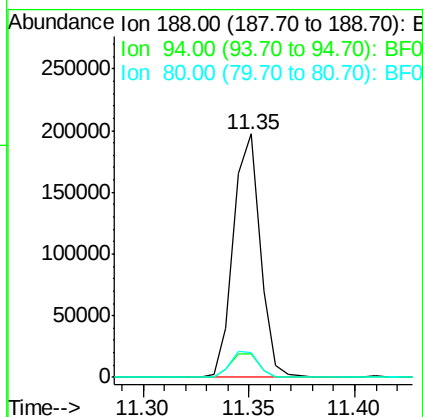
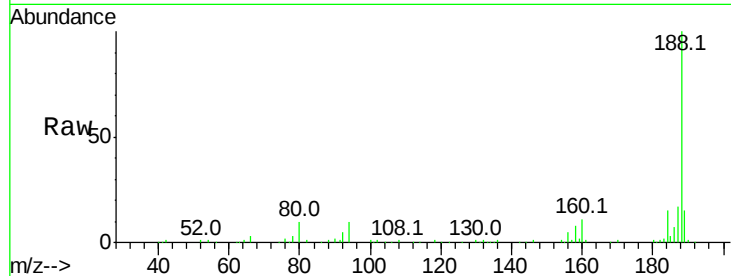
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.35 min Scan# 1575
Delta R.T. 0.00 min
Lab File: BF099654.D
Acq: 19 Oct 2017 9:11

Instrument :
BNA_F
ClientSampleId :
CL-02-101617-A

Tot Ion	Ratio	Resp	Lower	Upper
188	100	172939		
94	9.7	8.5	12.7	
80	10.2	9.2	13.8	

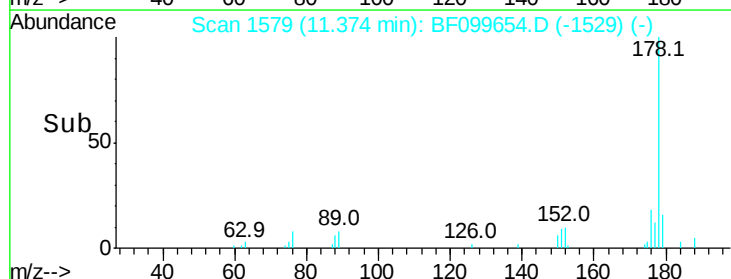
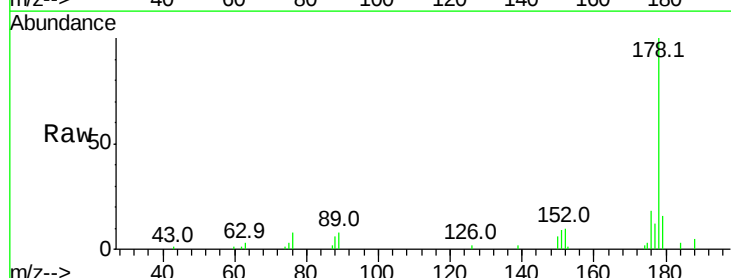
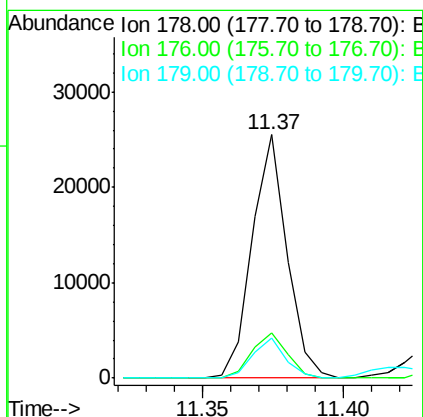
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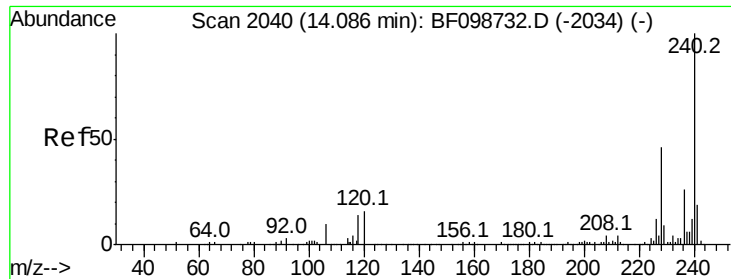
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#70
Phenanthrene
Concen: 2.367 ng
RT: 11.37 min Scan# 1579
Delta R.T. -0.01 min
Lab File: BF099654.D
Acq: 19 Oct 2017 9:11

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	21912		
176	18.5	15.8	23.8	
179	16.4	13.0	19.6	





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.99 min Scan# 2024

Delta R.T. -0.01 min

Lab File: BF099654.D

Acq: 19 Oct 2017 9:11

Instrument :

BNA_F

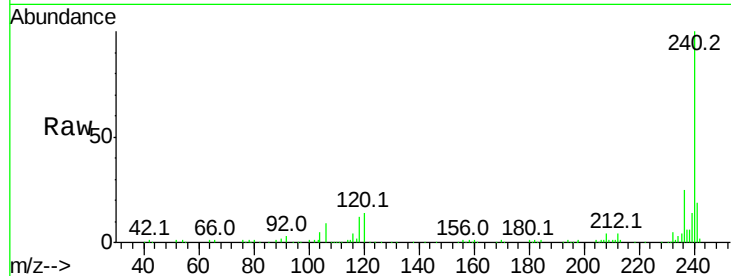
ClientSampleId :

CL-02-101617-A

Tot Ion	Ratio	Resp Lower	Resp Upper
240	100		
120	14.4	9.5	14.3#
236	24.8	20.7	31.1

Manual Integrations
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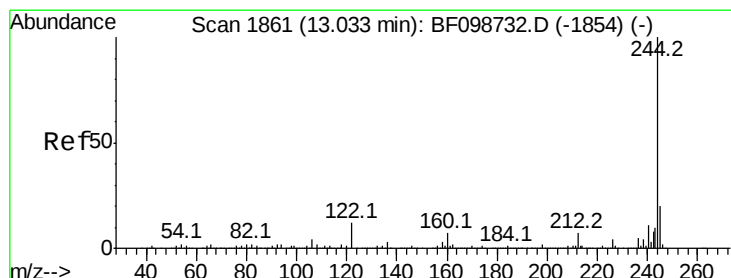
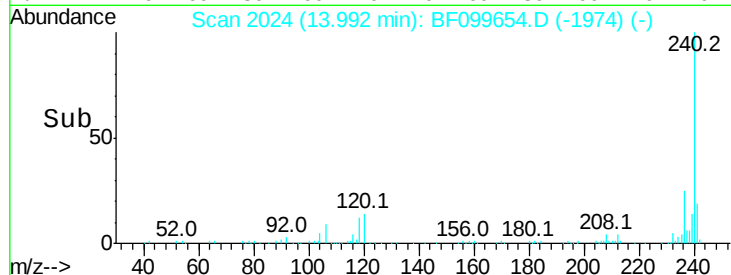
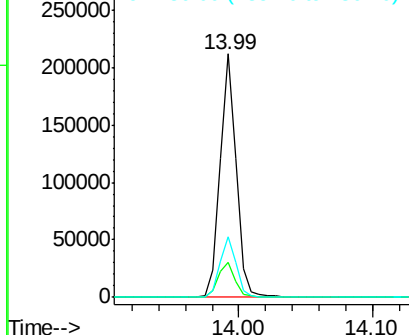
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#78

Terphenyl-d14

Concen: 85.266 ng

RT: 12.93 min Scan# 1844

Delta R.T. 0.00 min

Lab File: BF099654.D

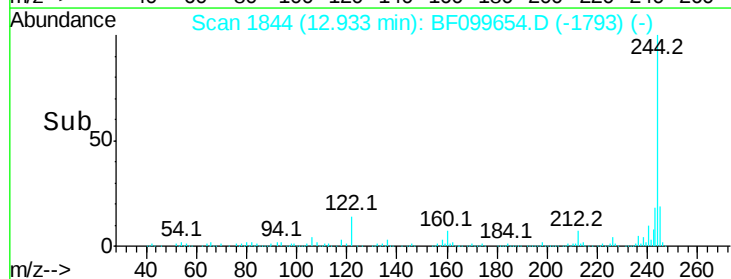
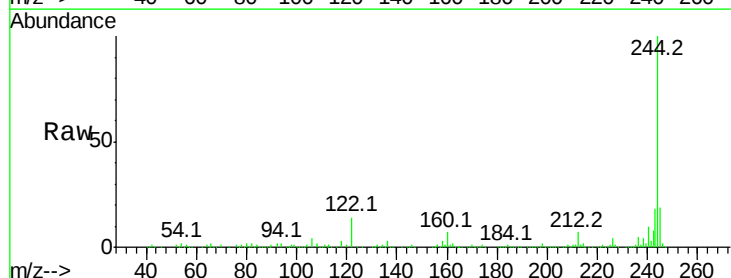
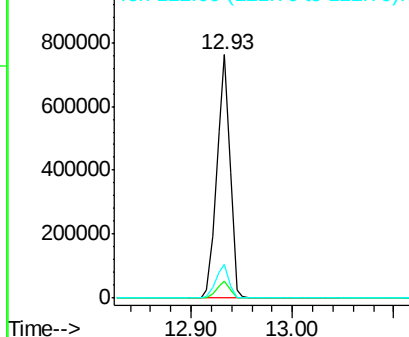
Acq: 19 Oct 2017 9:11

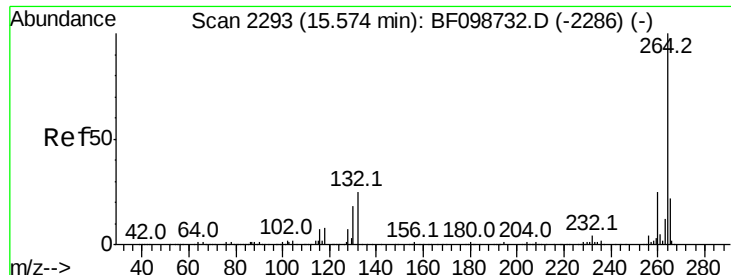
Tgt Ion	Ratio	Resp Lower	Resp Upper
244	100		
212	7.0	5.4	8.0
122	13.6	11.0	16.4

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# 2273
Delta R.T. 0.00 min
Lab File: BF099654.D
Acq: 19 Oct 2017 9:11

Instrument :
BNA_F
ClientSampleId :
CL-02-101617-A

Tot Ion	Ratio	Resp Lower	Upper
264	100		
260	24.0	19.2	28.8
265	20.6	17.5	26.3

Manual Integrations
APPROVED

Sohil
10/19/2017 6:15:53 PM

