

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102517\
 Data File : BF099817.D
 Acq On : 25 Oct 2017 17:01
 Operator : SJ/JU
 Sample : I6062-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DRUM-1

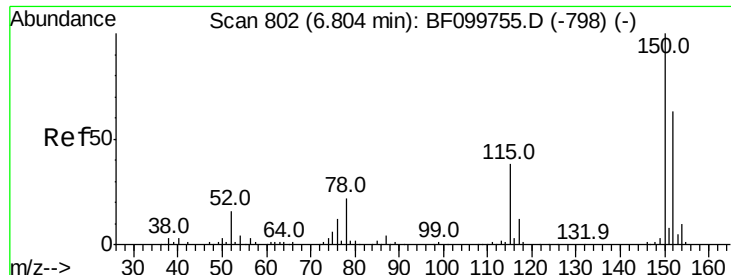
Manual Integrations
 APPROVED

Sohil
 10/27/2017 8:58:56 AM

Quant Time: Oct 25 17:42:47 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 25 17:02:52 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	89203	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	362596	20.00	ng	0.00
38) Acenaphthene-d10	9.84	164	160124	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	246705	20.00	ng	0.00
75) Chrysene-d12	14.02	240	136633	20.00	ng	0.04
86) Perylene-d12	15.48	264	154591	20.00	ng	0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	730116	128.50	ng	0.01
7) Phenol-d6	6.44	99	889827	132.08	ng	0.00
23) Nitrobenzene-d5	7.37	82	514815	91.41	ng	0.00
41) 2,4,6-Tribromophenol	10.64	330	184863	126.68	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	1002893	96.63	ng	0.00
78) Terphenyl-d14	12.94	244	501941	80.28	ng	0.02
Target Compounds						
10) Phenol	6.45	94	41409	5.598	ng	97
49) Dimethylphthalate	9.55	163	46586	3.674	ng	# 99
74) Fluoranthene	12.57	202	31716	2.192	ng	85
77) Pyrene	12.80	202	29098	2.801	ng	# 87
82) Chrysene	14.04	228	31509	3.869	ng	# 95
83) Bis(2-ethylhexyl)phthalate	13.97	149	210877	29.351	ng	96
87) Benzo(b)fluoranthene	15.06	252	33920m	3.475	ng	

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



#1

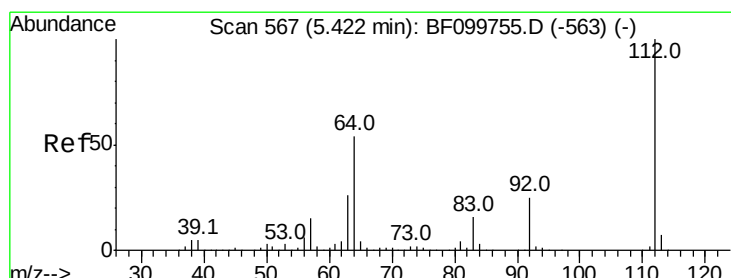
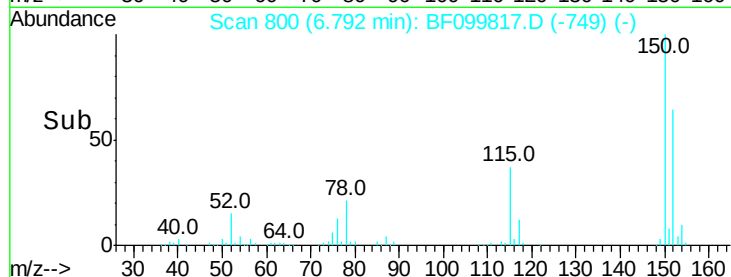
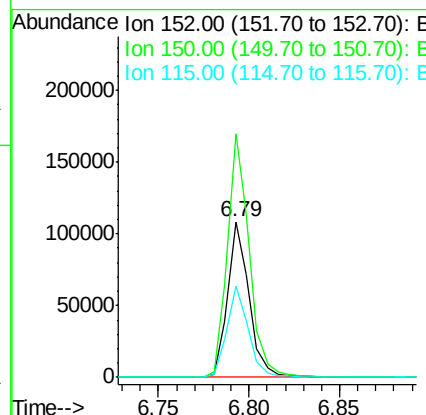
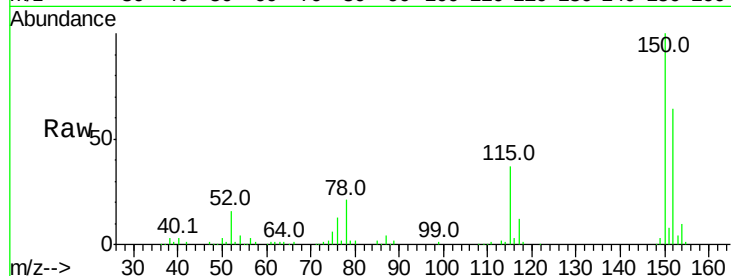
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. 0.00 min
Lab File: BF099817.D
Acq: 25 Oct 2017 17:01

Instrument :
BNA_F
ClientSampleId :
DRUM-1

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.3	124.6	186.8
115	58.4	50.1	75.1

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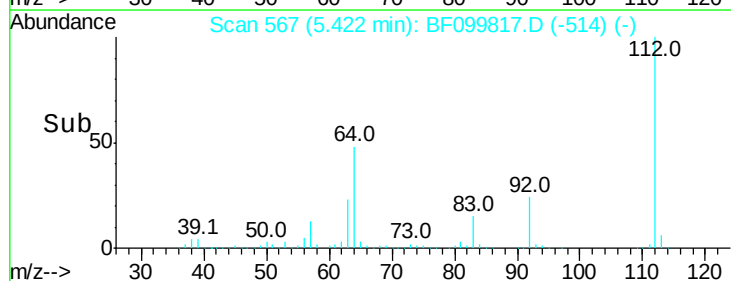
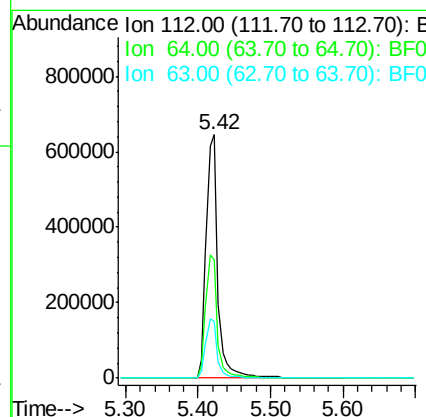
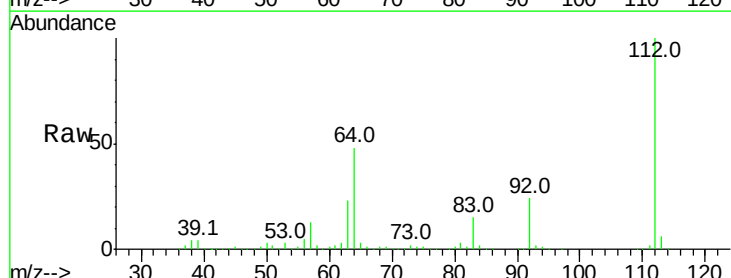
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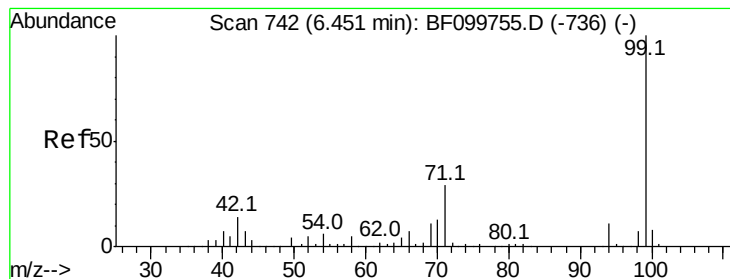


#5

2-Fluorophenol
Concen: 128.500 ng
RT: 5.42 min Scan# 567
Delta R.T. 0.01 min
Lab File: BF099817.D
Acq: 25 Oct 2017 17:01

Tgt Ion	Ratio	Lower	Upper
112	100		
64	48.4	47.9	71.9
63	23.2	23.7	35.5#





#7

Phenol-d6

Concen: 132.079 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.00 min

Lab File: BF099817.D

Acq: 25 Oct 2017 17:01

Instrument :

BNA_F

ClientSampled :

DRUM-1

Tot Ion: 99 Resp: 889827

Ion Ratio Lower Upper

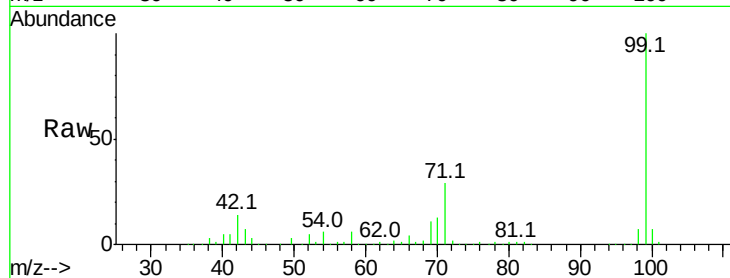
99 100

42 14.2 14.5 21.7#

71 29.2 25.4 38.0

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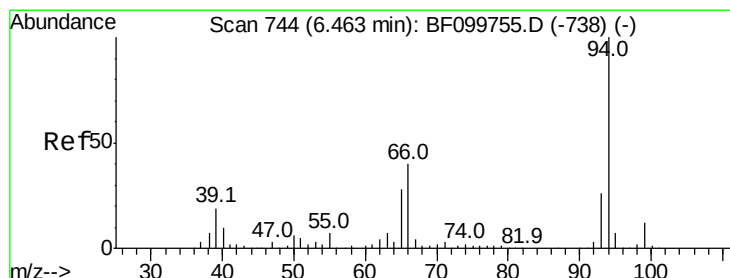
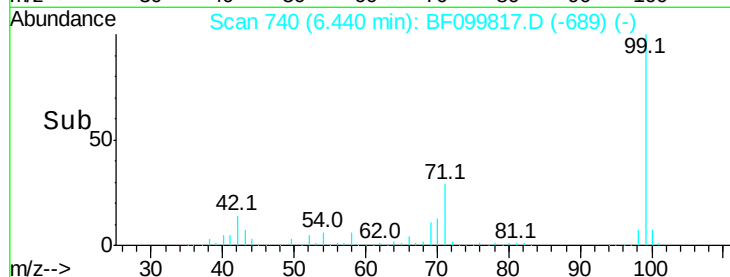
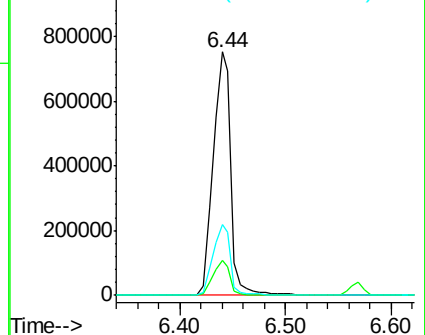
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Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#10

Phenol

Concen: 5.598 ng

RT: 6.45 min Scan# 742

Delta R.T. 0.00 min

Lab File: BF099817.D

Acq: 25 Oct 2017 17:01

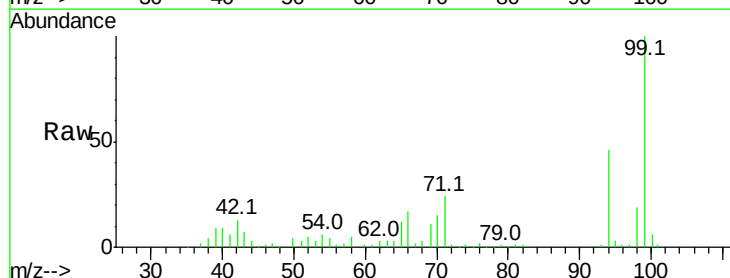
Tgt Ion: 94 Resp: 41409

Ion Ratio Lower Upper

94 100

65 26.0 7.9 47.9

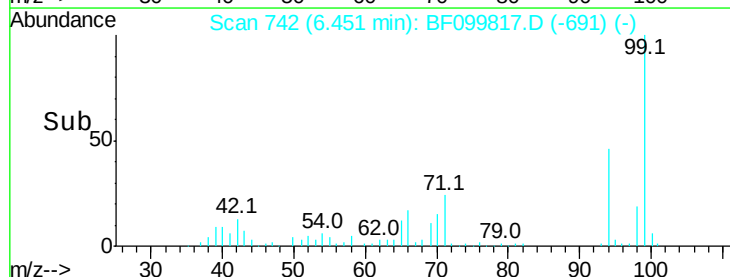
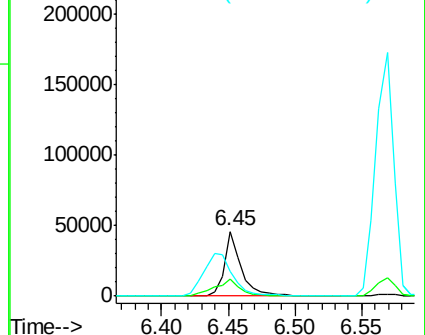
66 37.6 16.2 56.2

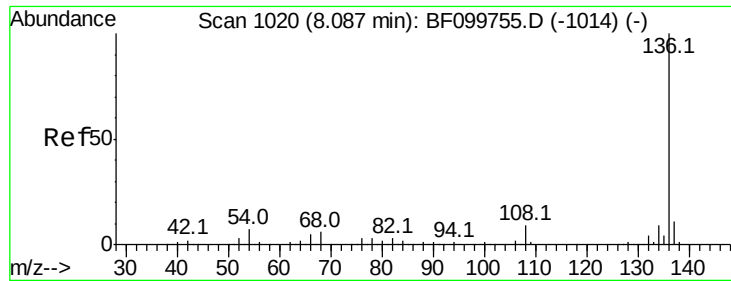


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





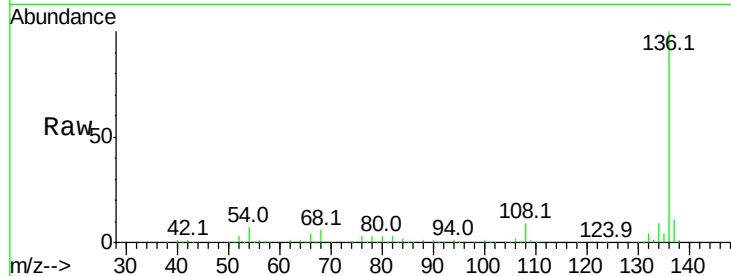
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BF099817.D
Acq: 25 Oct 2017 17:01

Instrument :
BNA_F
ClientSampleId :
DRUM-1

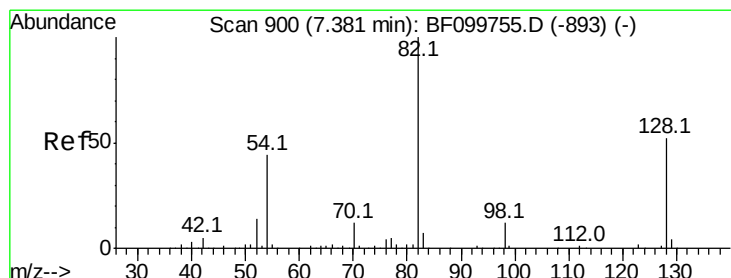
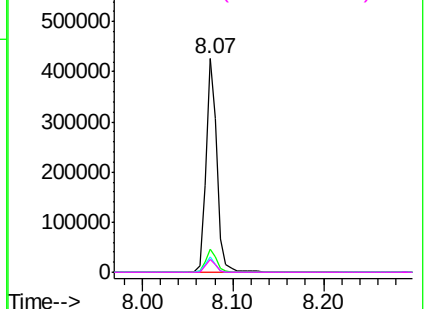
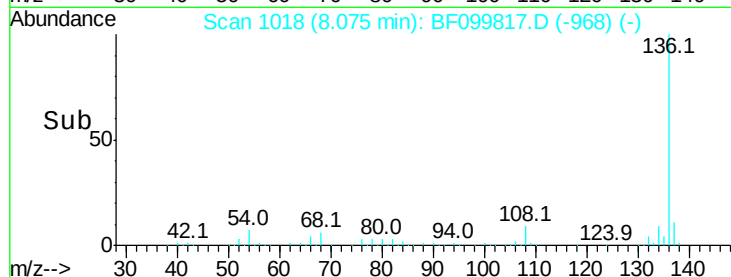
Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.0	8.9	13.3	
54	6.9	6.6	9.8	
68	5.9	5.0	7.4	

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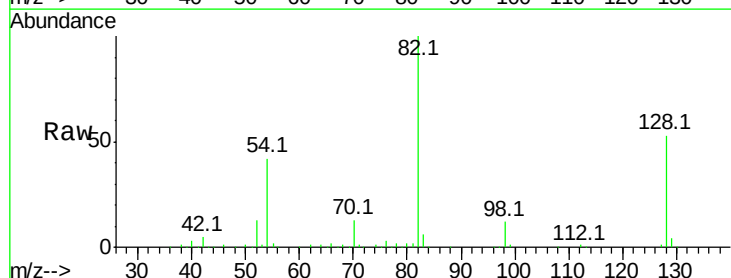


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

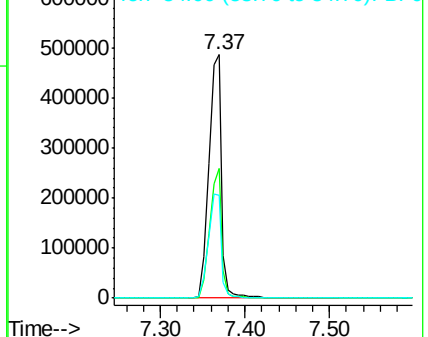
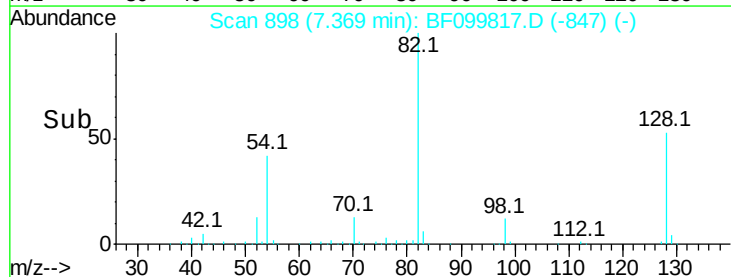


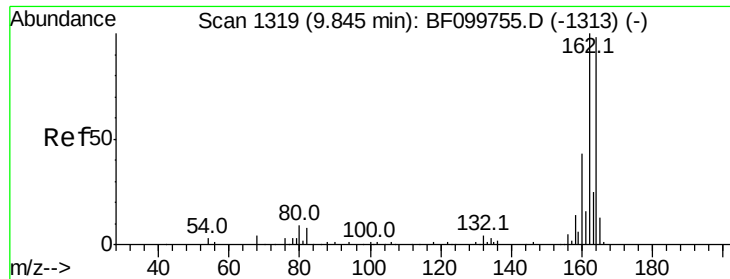
#23
Nitrobenzene-d5
Concen: 91.408 ng
RT: 7.37 min Scan# 898
Delta R.T. 0.00 min
Lab File: BF099817.D
Acq: 25 Oct 2017 17:01

Tgt Ion	Ratio	Resp	Lower	Upper
82	100			
128	53.4	36.1	54.1	
54	42.4	41.4	62.2	



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0





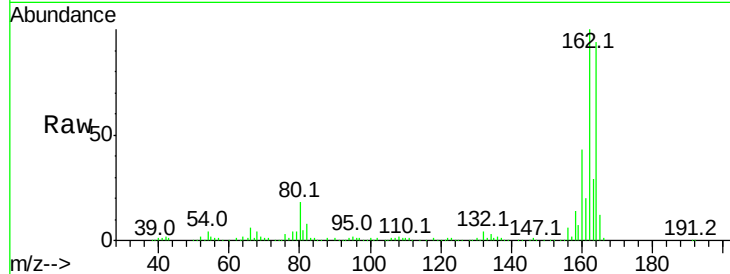
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.84 min Scan# 1318
 Delta R.T. 0.00 min
 Lab File: BF099817.D
 Acq: 25 Oct 2017 17:01

Instrument :
 BNA_F
 ClientSampleId :
 DRUM-1

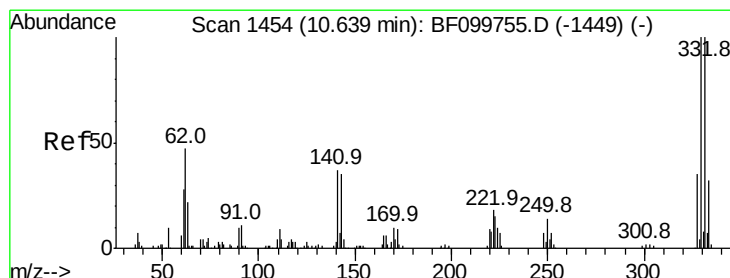
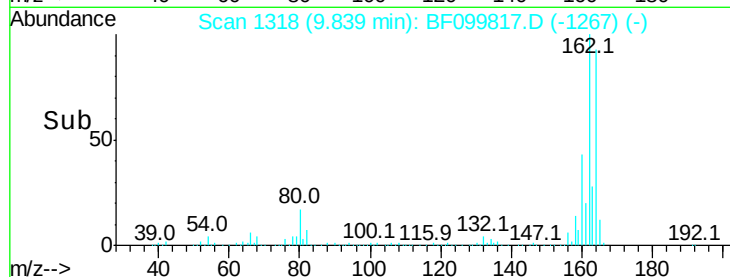
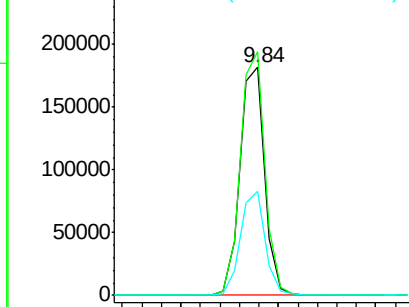
Tot Ion	Ratio	Resp	Lower	Upper
164	100	160124		
162	106.9	86.1	129.1	
160	45.6	38.3	57.5	

Manual Integrations
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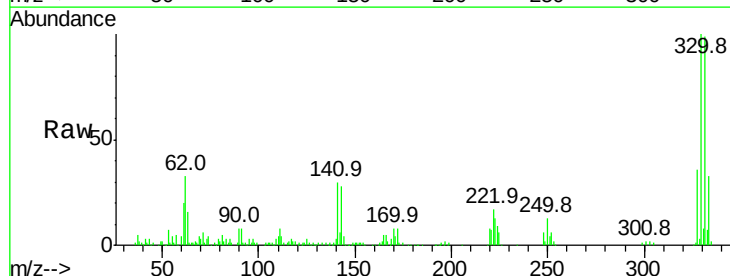


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

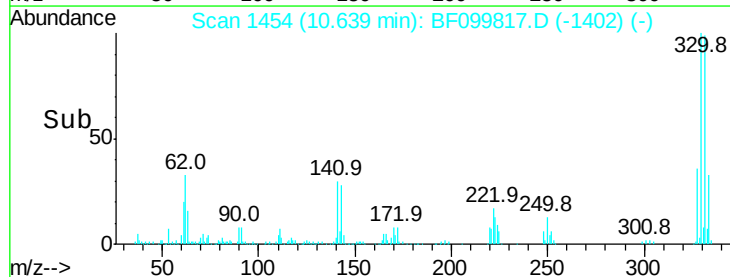
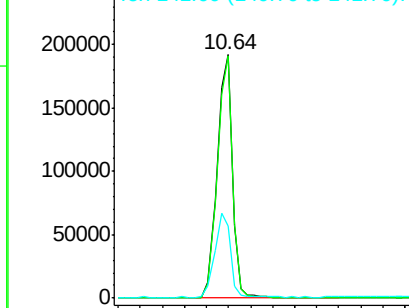


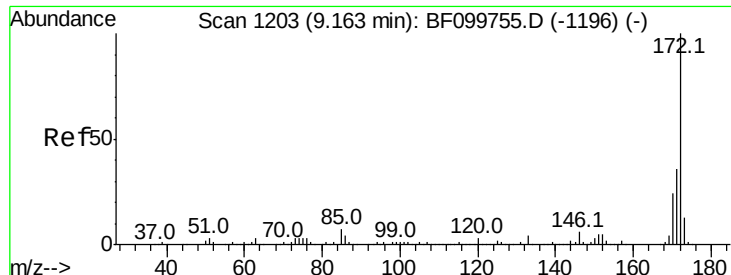
#41
 2,4,6-Tribromophenol
 Concen: 126.685 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. 0.01 min
 Lab File: BF099817.D
 Acq: 25 Oct 2017 17:01

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	184863		
332	97.7	77.0	115.6	
141	35.2	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





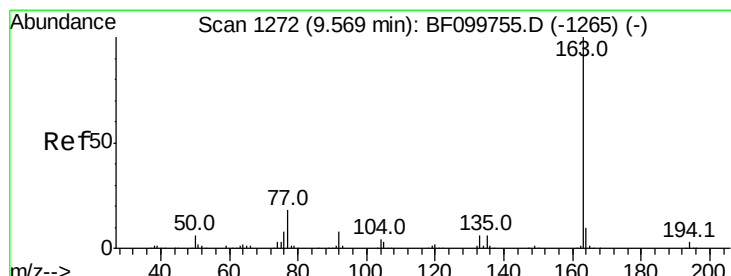
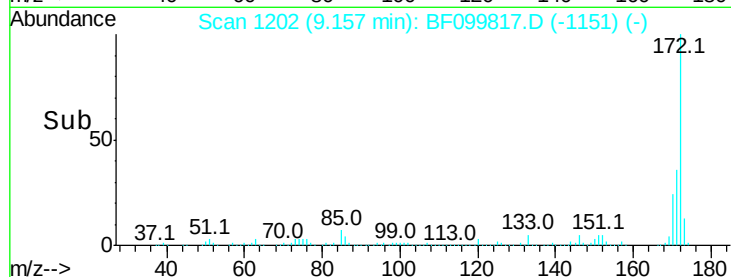
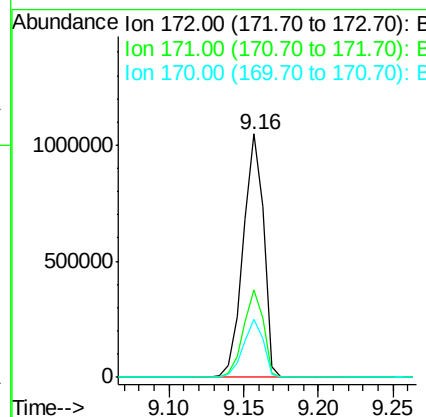
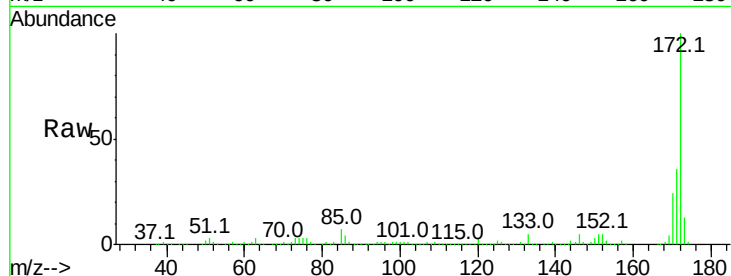
#44
2-Fluorobiphenyl
Concen: 96.632 ng
RT: 9.16 min Scan# 1202
Delta R.T. 0.00 min
Lab File: BF099817.D
Acq: 25 Oct 2017 17:01

Instrument :
BNA_F
ClientSampled :
DRUM-1

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.7	44.5
170	23.8	19.6	29.4

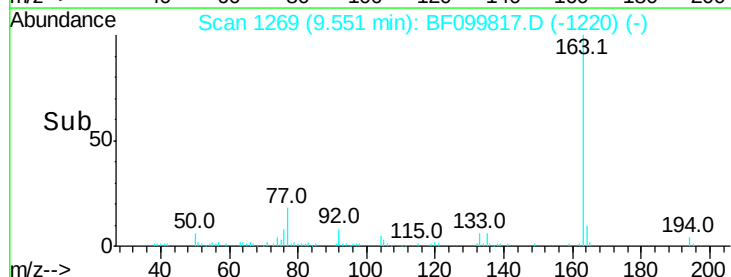
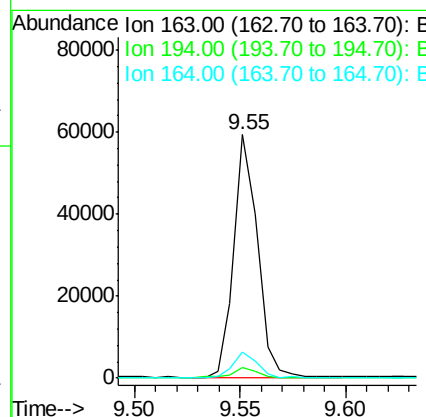
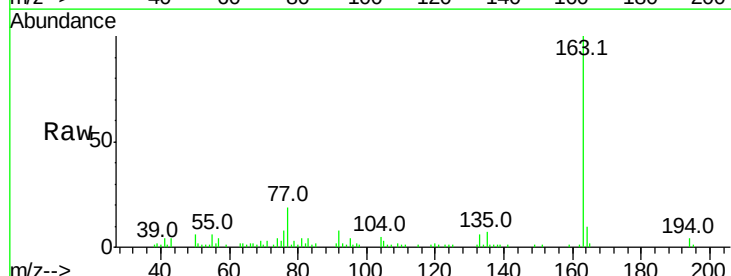
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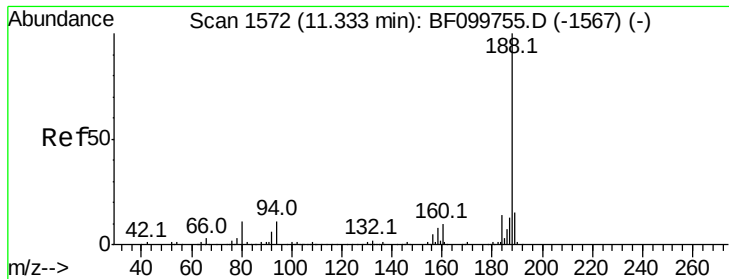
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#49
Dimethylphthalate
Concen: 3.674 ng
RT: 9.55 min Scan# 1269
Delta R.T. -0.01 min
Lab File: BF099817.D
Acq: 25 Oct 2017 17:01

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





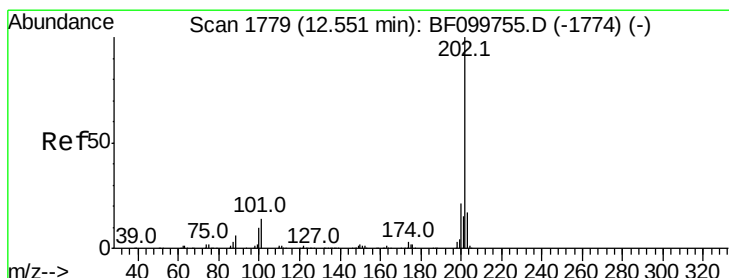
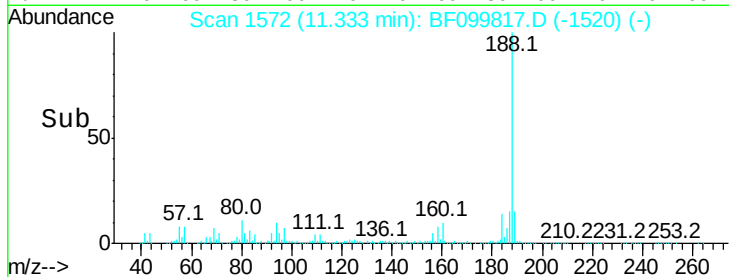
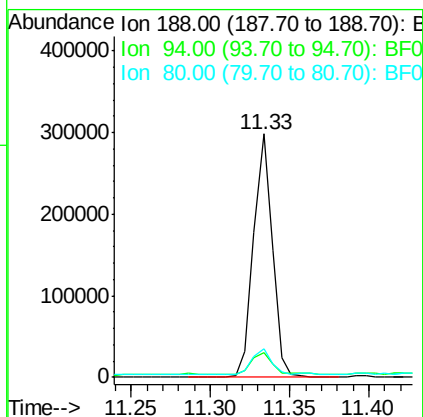
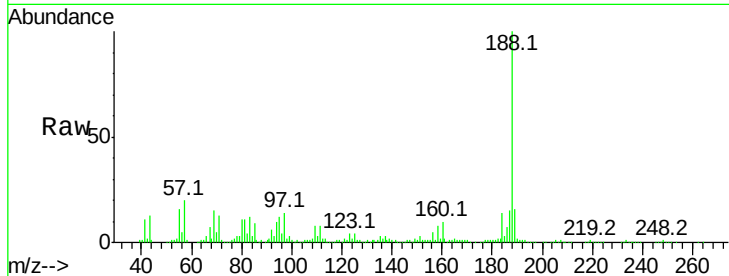
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. 0.01 min
Lab File: BF099817.D
Acq: 25 Oct 2017 17:01

Instrument :
BNA_F
ClientSampleId :
DRUM-1

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	10.3	8.5	12.7
80	11.5	9.2	13.8

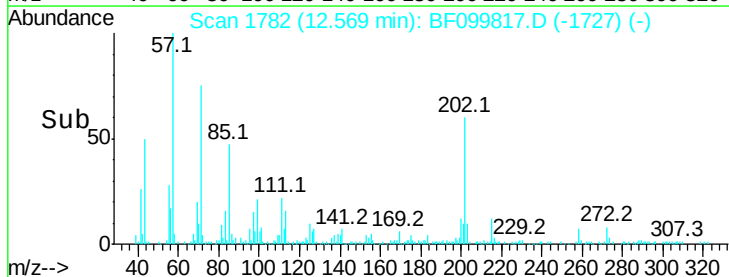
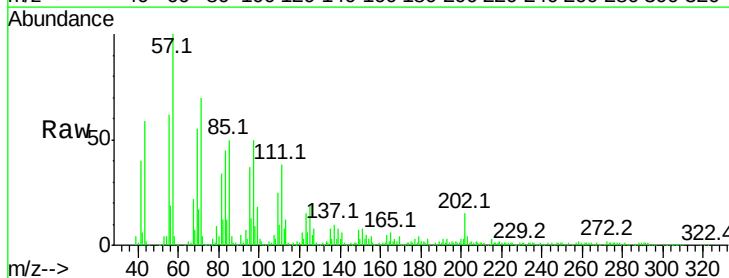
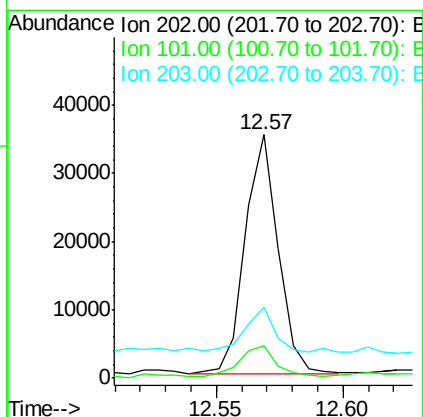
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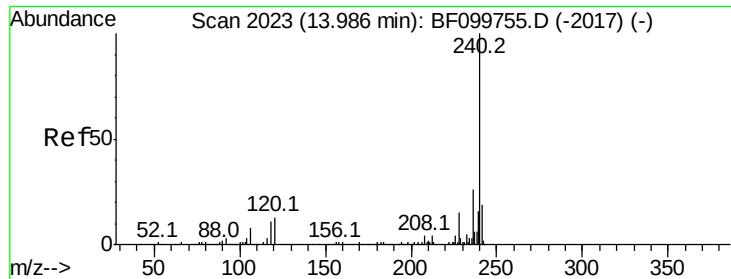
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#74
Fluoranthene
Concen: 2.192 ng
RT: 12.57 min Scan# 1782
Delta R.T. 0.02 min
Lab File: BF099817.D
Acq: 25 Oct 2017 17:01

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
101	13.4	0.0	34.1
203	29.1	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.02 min Scan# 2028

Delta R.T. 0.04 min

Lab File: BF099817.D

Acq: 25 Oct 2017 17:01

Instrument :

BNA_F

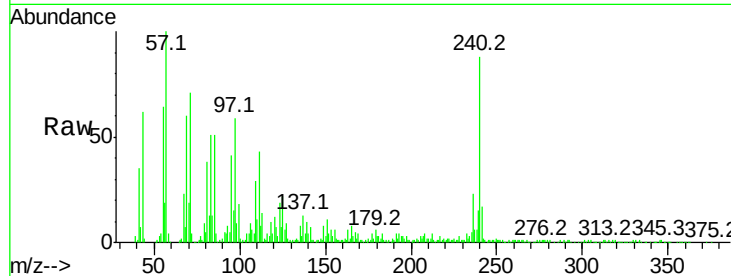
ClientSampleId :

DRUM-1

Tot Ion:	240	Resp:	136633
Ion Ratio	Lower	Upper	
240	100		
120	13.9	9.5	14.3
236	26.5	20.7	31.1

Manual Integrations
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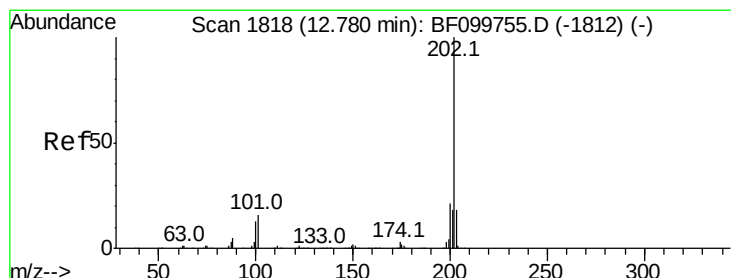
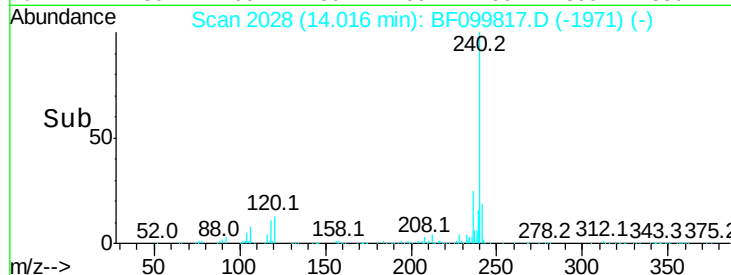
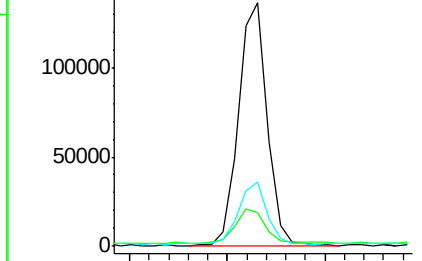
Sohil
10/27/2017 8:58:56 AM



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



#77

Pyrene

Concen: 2.801 ng

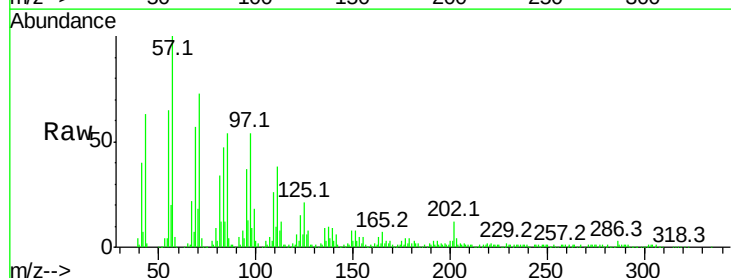
RT: 12.80 min Scan# 1822

Delta R.T. 0.02 min

Lab File: BF099817.D

Acq: 25 Oct 2017 17:01

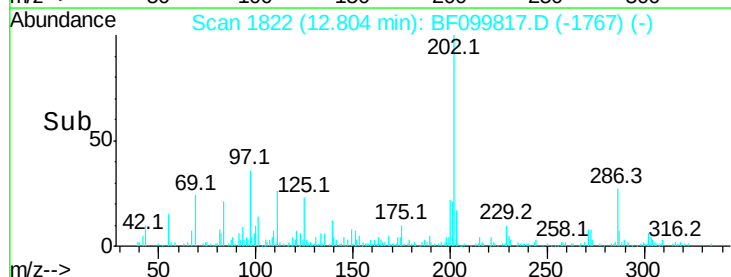
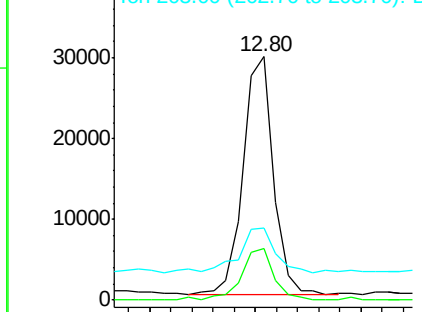
Tgt Ion:	202	Resp:	29098
Ion Ratio	Lower	Upper	
202	100		
200	21.1	17.4	26.2
203	29.8	14.3	21.5#

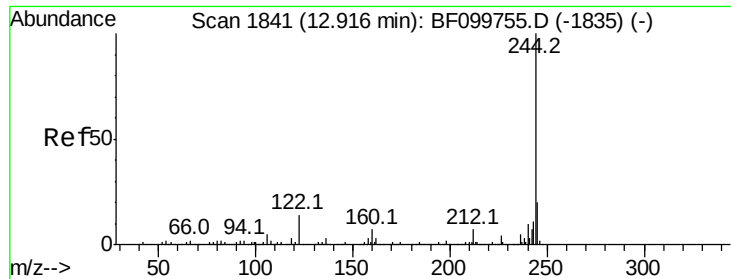


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 80.283 ng

RT: 12.94 min Scan# 1845

Delta R.T. 0.02 min

Lab File: BF099817.D

Acq: 25 Oct 2017 17:01

Instrument :

BNA_F

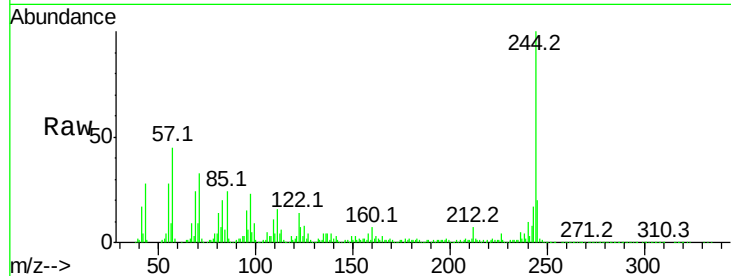
ClientSampleId :

DRUM-1

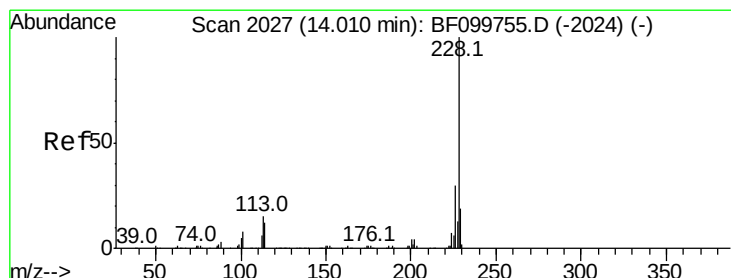
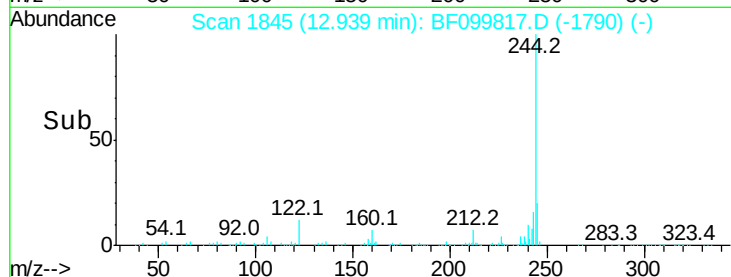
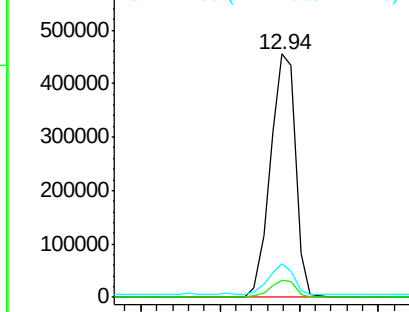
Tot Ion:	244	Resp:	501941
Ion Ratio	Lower	Upper	
244	100		
212	6.9	5.4	8.0
122	14.0	11.0	16.4

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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



#82

Chrysene

Concen: 3.869 ng

RT: 14.04 min Scan# 2032

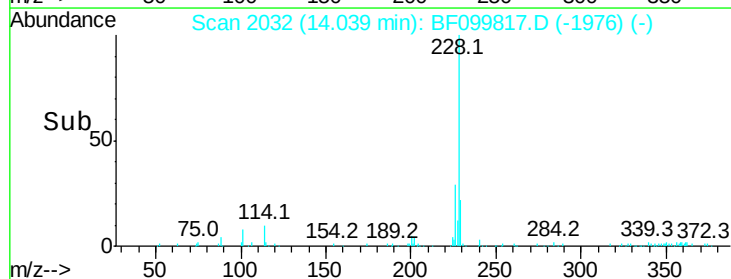
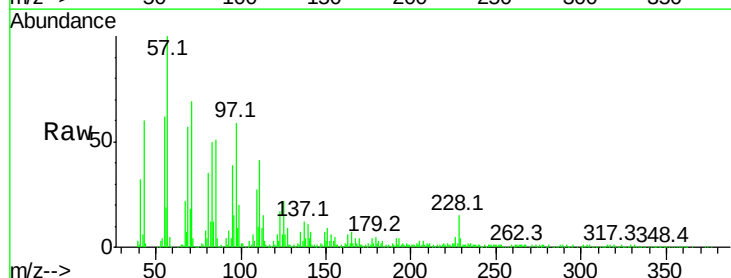
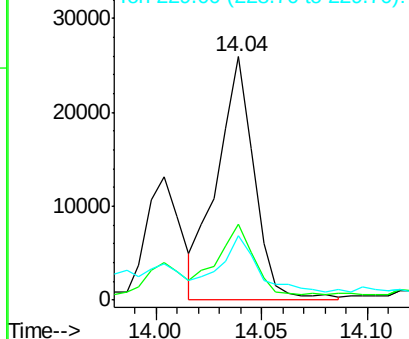
Delta R.T. 0.03 min

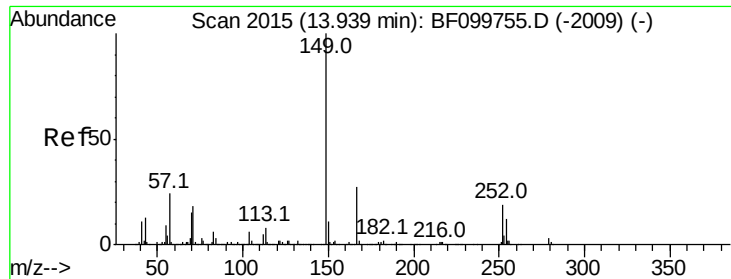
Lab File: BF099817.D

Acq: 25 Oct 2017 17:01

Tgt Ion:	228	Resp:	31509
Ion Ratio	Lower	Upper	
228	100		
226	31.3	25.0	37.6
229	26.5	16.2	24.4#

Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E





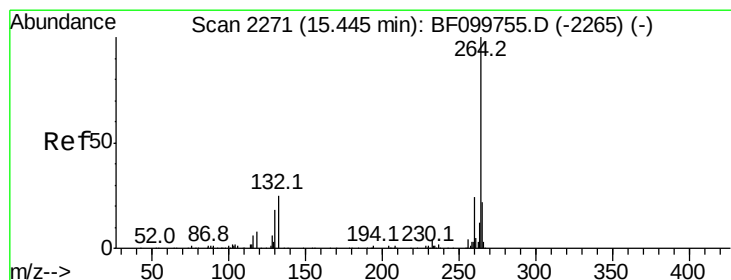
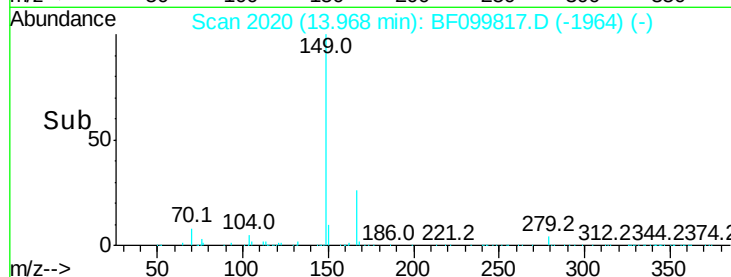
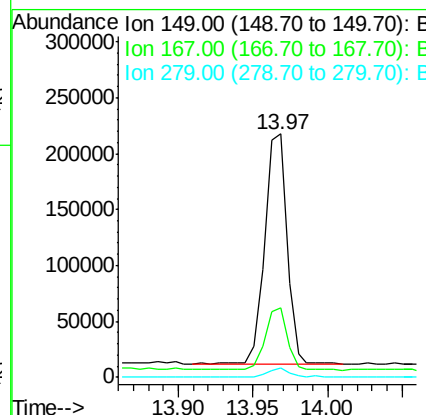
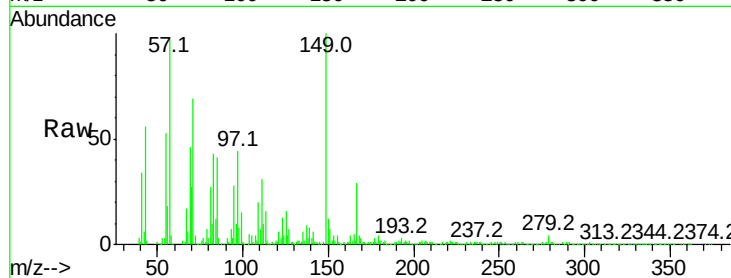
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 29.351 ng
 RT: 13.97 min Scan# 2020
 Delta R.T. 0.03 min
 Lab File: BF099817.D
 Acq: 25 Oct 2017 17:01

Instrument :
 BNA_F
 ClientSampled :
 DRUM-1

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
167	28.7	21.3	31.9	
279	3.9	3.0	4.4	

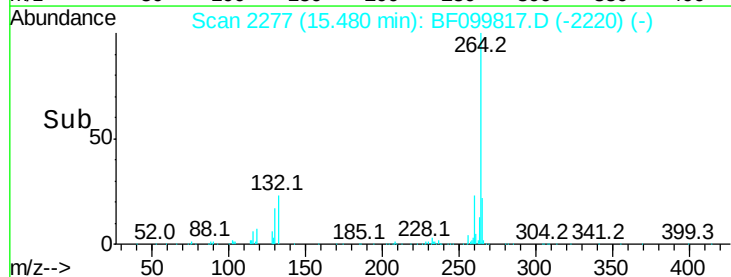
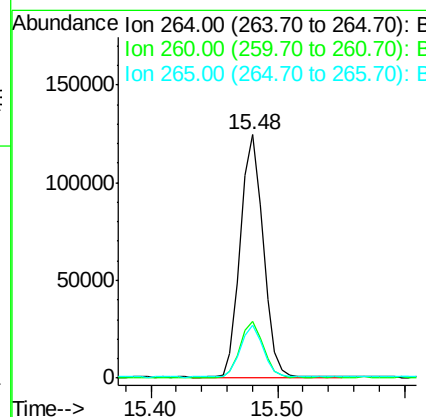
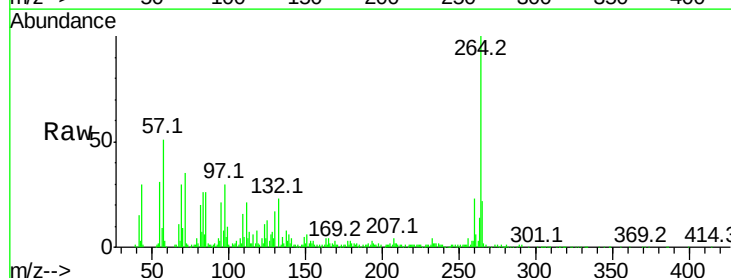
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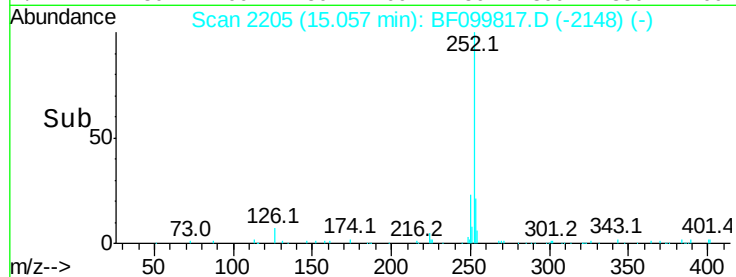
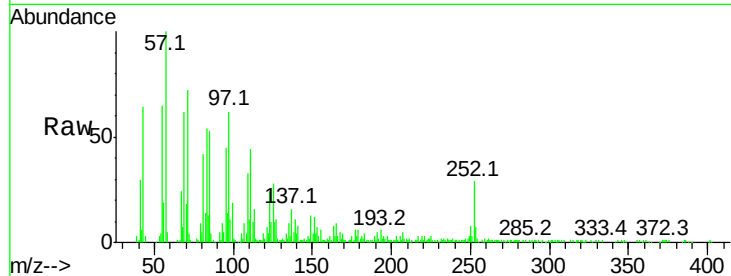
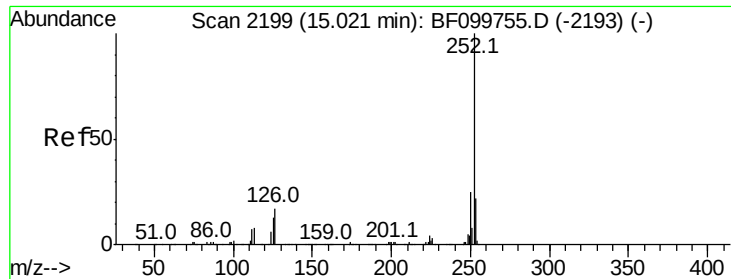
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#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.48 min Scan# 2277
 Delta R.T. 0.04 min
 Lab File: BF099817.D
 Acq: 25 Oct 2017 17:01

Tgt Ion	Ratio	Resp	Lower	Upper
264	100			
260	23.5	19.2	28.8	
265	21.9	17.5	26.3	





#87

Benzo(b)fluoranthene

Concen: 3.475 ng/mL

RT: 15.06 min Scan# 2205

Delta R.T. 0.04 min

Lab File: BF099817.D

Acq: 25 Oct 2017 17:01

Instrument :

BNA_F

ClientSampleId :

DRUM-1

Tot Ion	Ratio	Lower	Upper
252	100		
253	25.5	17.0	25.6
125	96.6	9.0	13.6

Manual Integrations
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