

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE122617\
 Data File : BE095055.D
 Acq On : 26 Dec 2017 14:39
 Operator : SJ/JU
 Sample : I7004-05
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PR-MW-1-121817

Manual Integrations
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 12/27/2017 10:26:04 AM

Quant Time: Dec 27 09:01:30 2017
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE121417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 14 18:42:53 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.46	152	6380	0.40	ng	0.00
7) Naphthalene-d8	11.31	136	14693	0.40	ng	-0.02
13) Acenaphthene-d10	15.04	164	5544m	0.40	ng	-0.02
19) Phenanthrene-d10	17.74	188	19532	0.40	ng	-0.03
27) Chrysene-d12	21.84	240	19725	0.40	ng	-0.03
34) Perylene-d12	24.49	264	17567	0.40	ng	-0.06
System Monitoring Compounds						
4) 2-Fluorophenol	5.94	112	2792	0.28	ng	0.00
5) Phenol-d6	7.58	99	2610	0.18	ng	0.00
8) Nitrobenzene-d5	9.63	82	8408	0.70	ng	-0.02
11) 2-Methylnaphthalene-d10	12.84	152	10071	0.42	ng	-0.02
14) 2,4,6-Tribromophenol	16.50	330	1628	1.26	ng	-0.03
15) 2-Fluorobiphenyl	13.68	172	16386	0.67	ng	-0.02
25) Fluoranthene-d10	19.72	212	99126	0.39	ng	-0.03
29) Terphenyl-d14	20.28	244	23769	0.64	ng	-0.03
Target Compounds						
9) Naphthalene	11.36	128	14700085	85.196	ng	Qvalue 100
12) 2-Methylnaphthalene	12.91	142	1638584	38.068	ng	96
18) Fluorene	16.07	166	34830	1.426	ng	# 82
23) Phenanthrene	17.79	178	13287	0.218	ng	# 73
32) Bis(2-ethylhexyl)phthalate	21.70	149	17013	0.232	ng	99

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

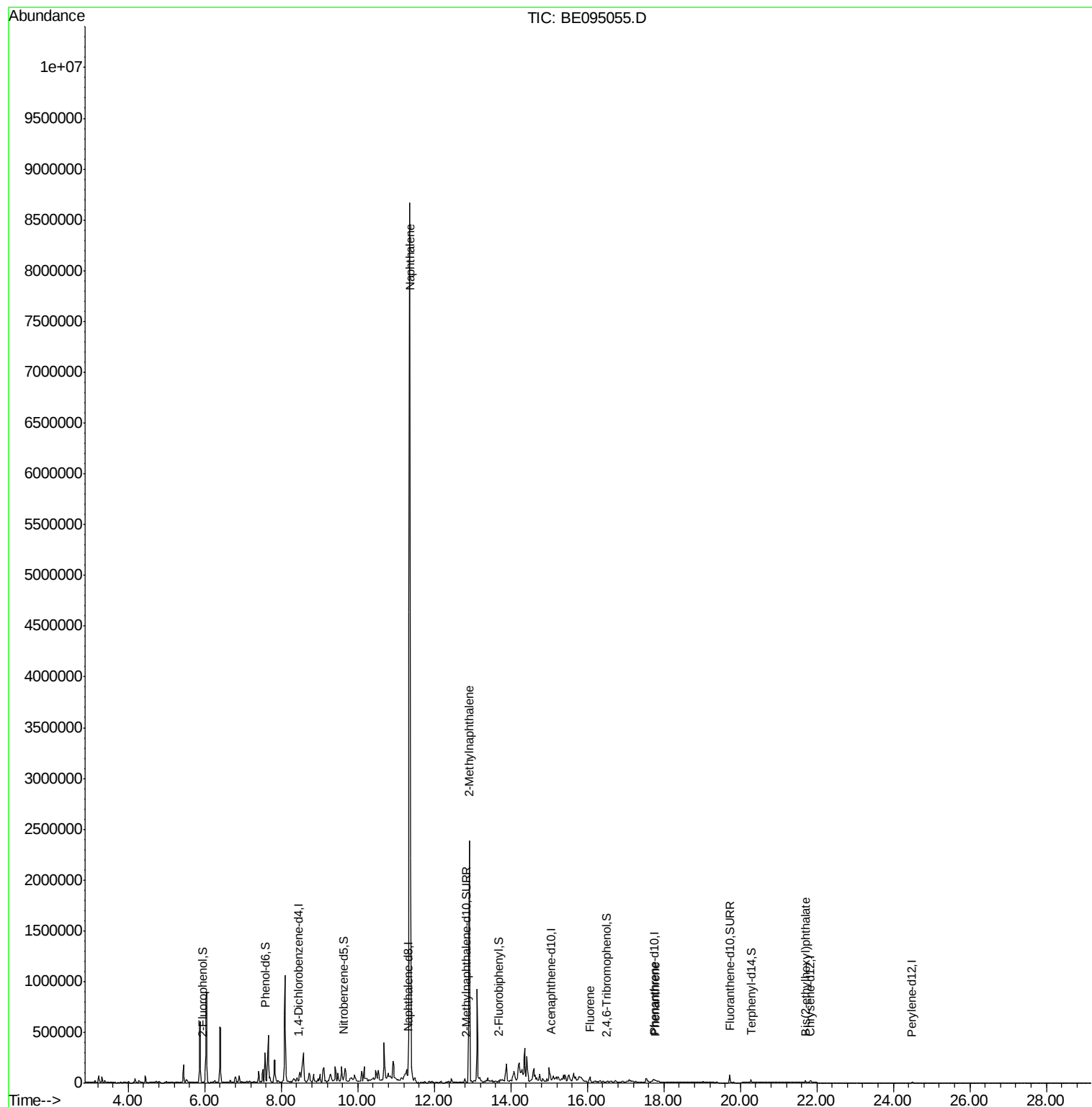
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE122617\
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Sample : I7004-05
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ALS Vial : 10 Sample Multiplier: 1

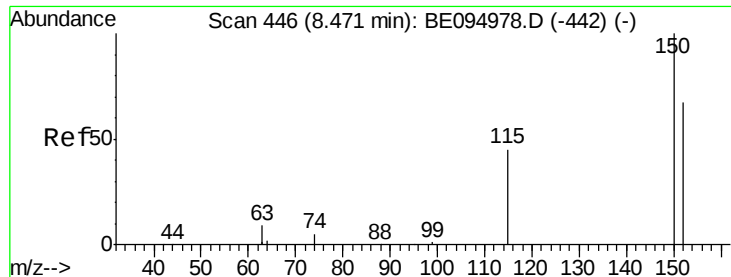
Instrument :
BNA_E
ClientSampleId :
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Quant Time: Dec 27 09:01:30 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 14 18:42:53 2017
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 8.46 min Scan# 445

Delta R.T. -0.01 min

Lab File: BE095055.D

Acq: 26 Dec 2017 14:39

Instrument :

BNA_E

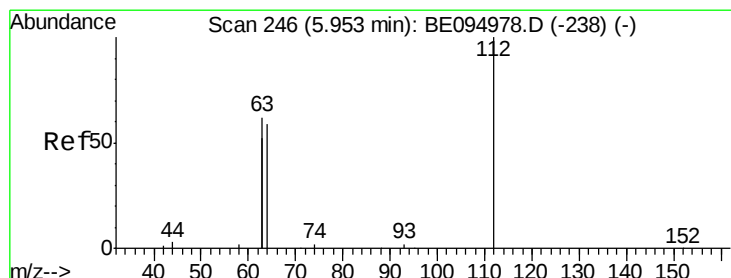
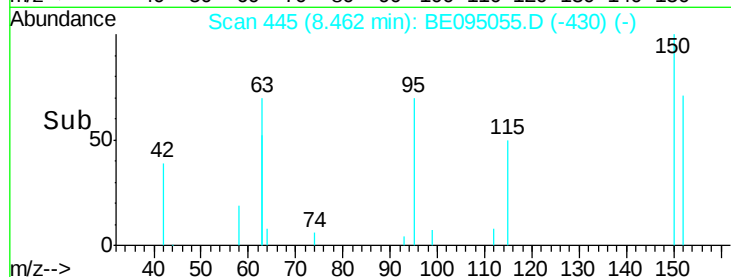
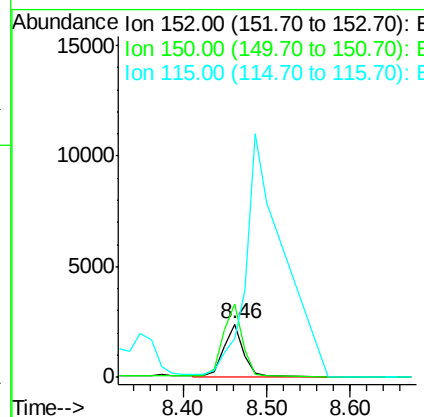
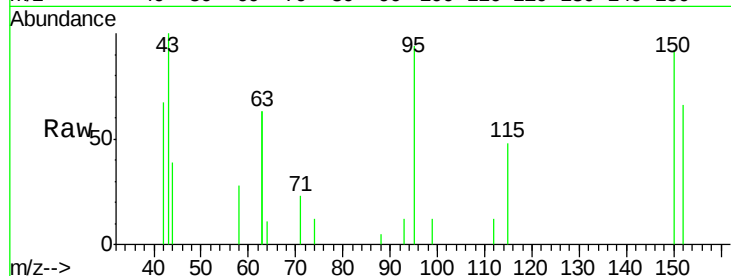
ClientSampleId :

PR-MW-1-121817

Tgt Ion:	152	Resp:	6380
Ion Ratio	Lower	Upper	
152	100		
150	139.6	117.2	175.8
115	73.3	57.0	85.6

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#4

2-Fluorophenol

Concen: 0.282 ng

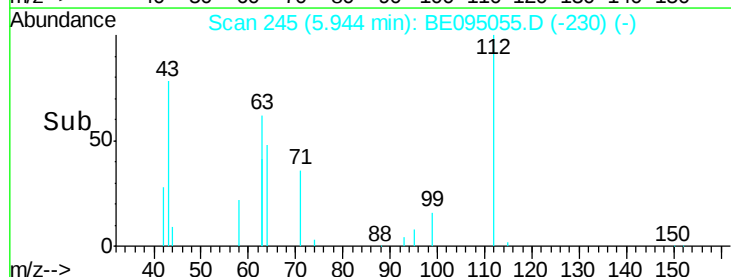
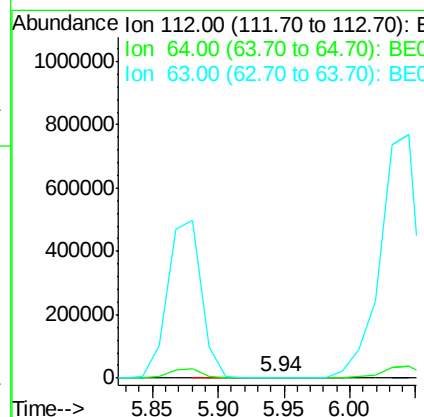
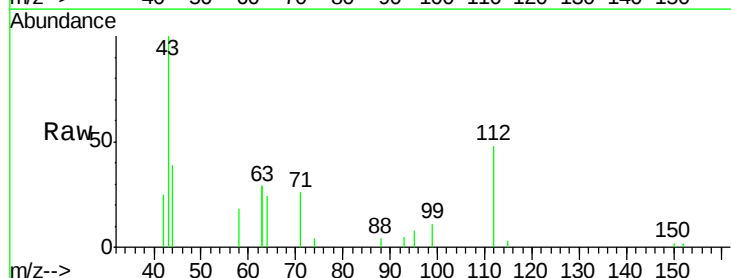
RT: 5.94 min Scan# 245

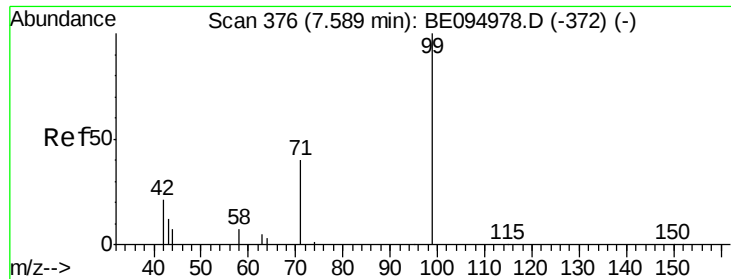
Delta R.T. -0.01 min

Lab File: BE095055.D

Acq: 26 Dec 2017 14:39

Tgt Ion:	112	Resp:	2792
Ion Ratio	Lower	Upper	
112	100		
64	0.0	60.1	90.1#
63	0.0	116.8	175.2#





#5

Phenol-d6

Concen: 0.177 ng

RT: 7.58 min Scan# 375

Delta R.T. -0.01 min

Lab File: BE095055.D

Acq: 26 Dec 2017 14:39

Instrument :

BNA_E

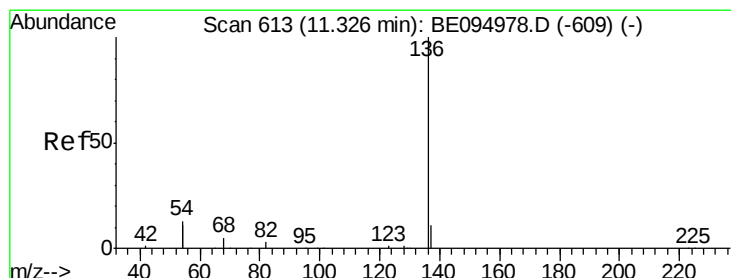
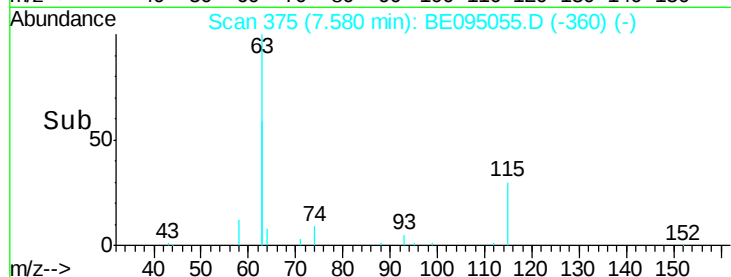
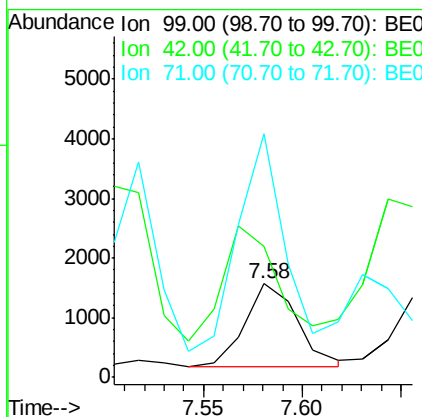
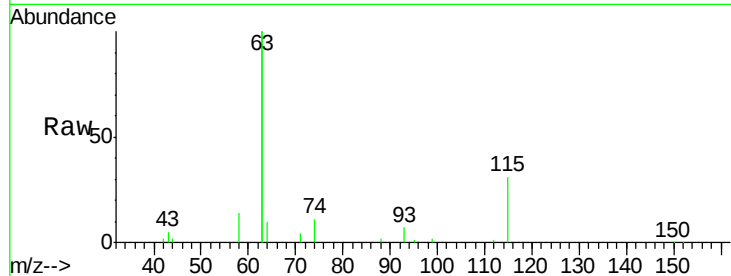
ClientSampled :

PR-MW-1-121817

Tgt Ion:	99	Resp:	2610
Ion Ratio	Lower	Upper	
99	100		
42	140.2	20.2	30.2#
71	226.6	28.4	42.6#

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#7

Naphthalene-d8

Concen: 0.400 ng

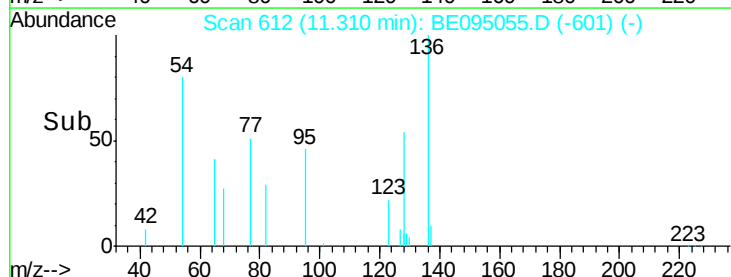
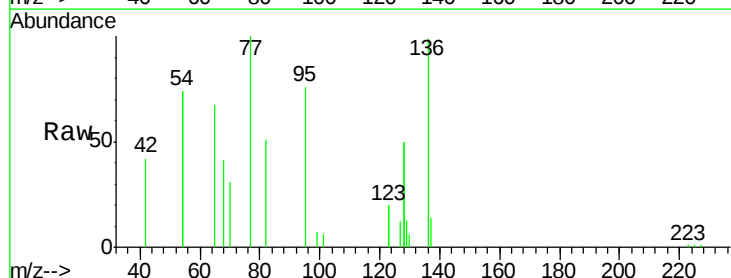
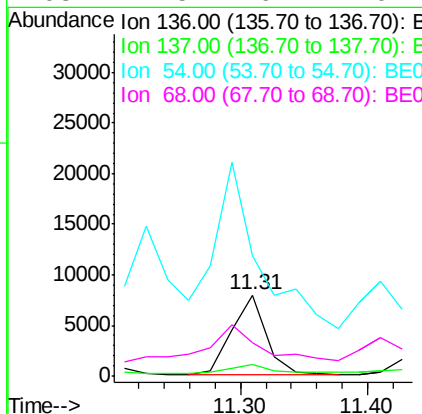
RT: 11.31 min Scan# 612

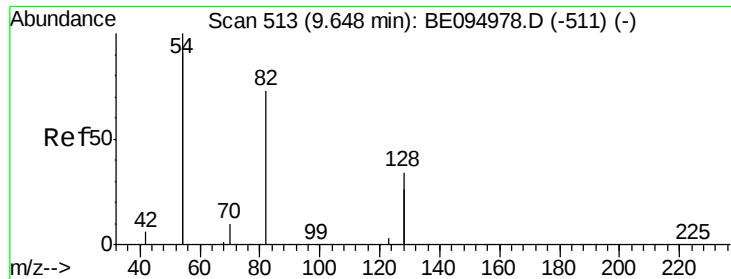
Delta R.T. -0.02 min

Lab File: BE095055.D

Acq: 26 Dec 2017 14:39

Tgt Ion:	136	Resp:	14693
Ion Ratio	Lower	Upper	
136	100		
137	14.7	9.5	14.3#
54	148.9	29.1	43.7#
68	41.5	6.2	9.2#





#8

Nitrobenzene-d5

Concen: 0.697 ng

RT: 9.63 min Scan# 512

Delta R.T. -0.02 min

Lab File: BE095055.D

Acq: 26 Dec 2017 14:39

Instrument :

BNA_E

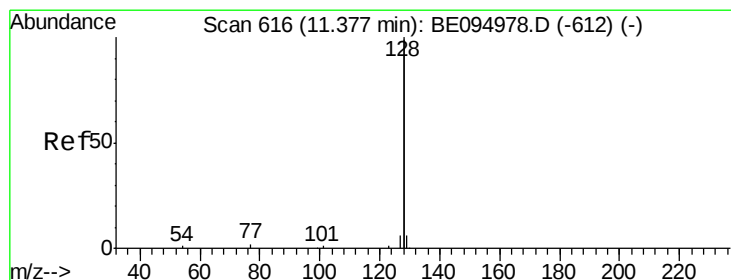
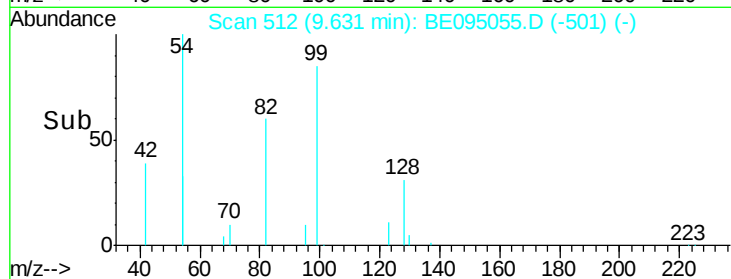
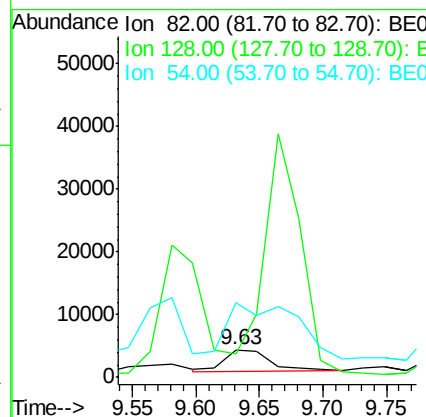
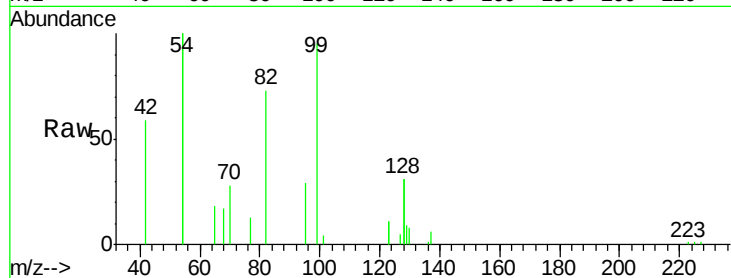
ClientSampleId :

PR-MW-1-121817

Tgt Ion:	82	Resp:	8408
Ion Ratio	Lower	Upper	
82	100		
128	85.1	150.0	225.0#
54	272.6	154.2	231.4#

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#9

Naphthalene

Concen: 85.196 ng

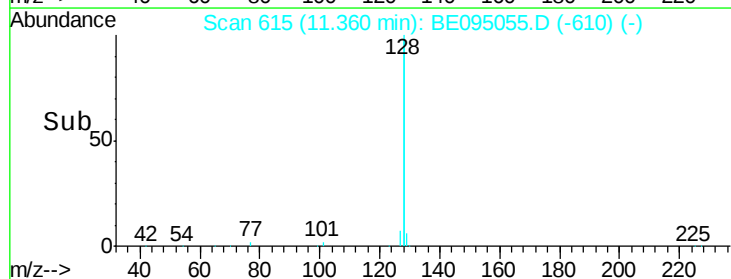
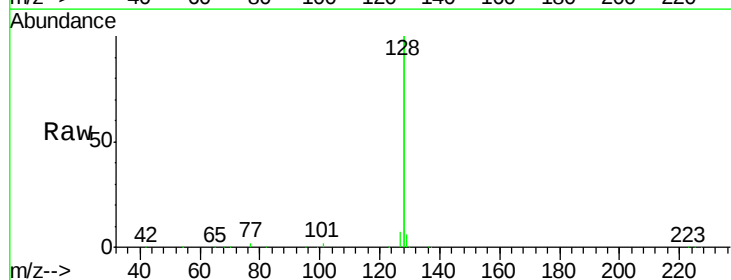
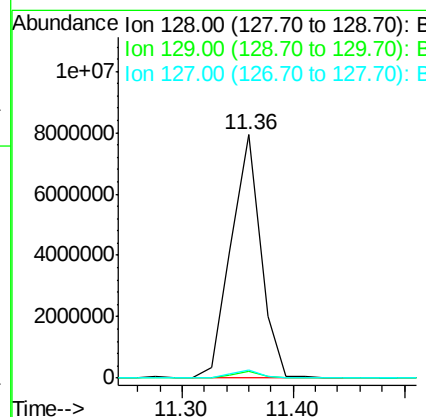
RT: 11.36 min Scan# 615

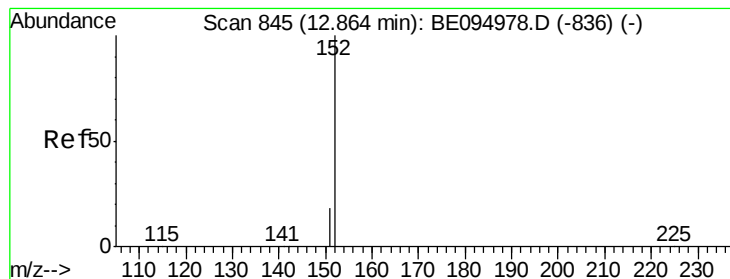
Delta R.T. -0.02 min

Lab File: BE095055.D

Acq: 26 Dec 2017 14:39

Tgt Ion:	128	Resp:	14700085
Ion Ratio	Lower	Upper	
128	100		
129	3.0	2.6	3.8
127	3.5	2.8	4.2





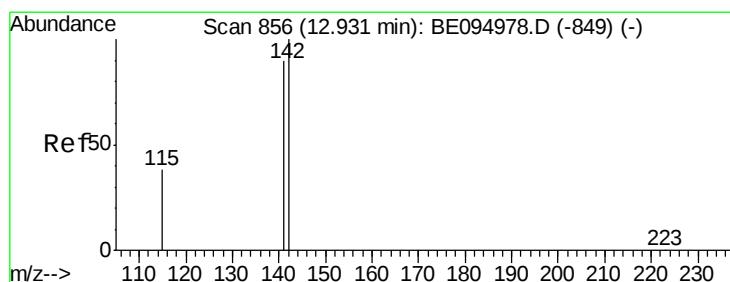
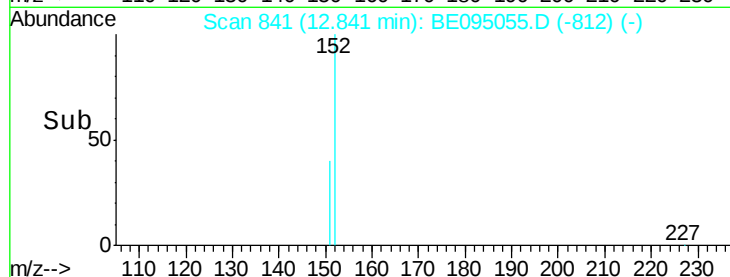
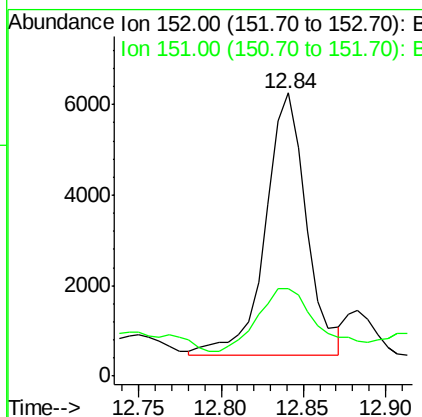
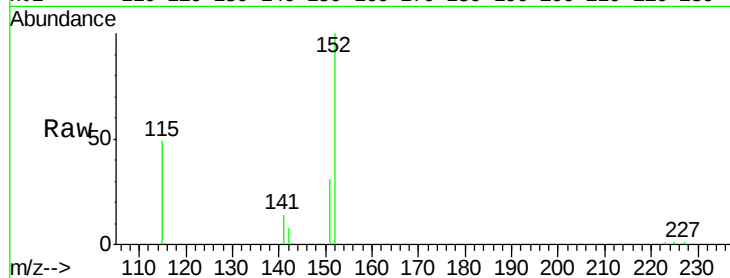
#11
 2-Methylnaphthalene-d10
 Concen: 0.418 ng
 RT: 12.84 min Scan# 841
 Delta R.T. -0.02 min
 Lab File: BE095055.D
 Acq: 26 Dec 2017 14:39

Instrument :
 BNA_E
 ClientSampleId :
 PR-MW-1-121817

Tgt Ion	Ratio	Lower	Upper
152	100		
151	38.6	15.4	23.0#

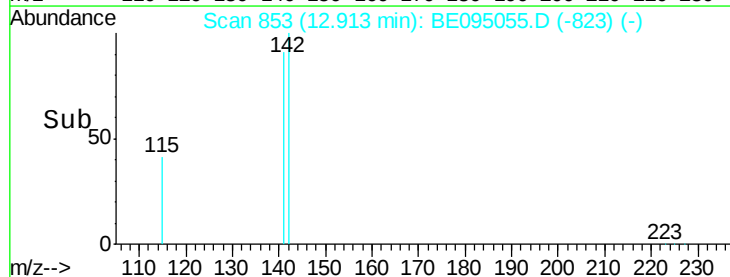
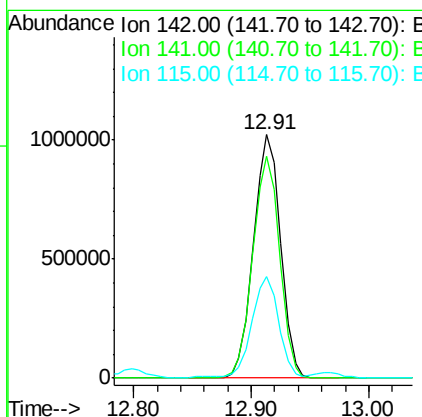
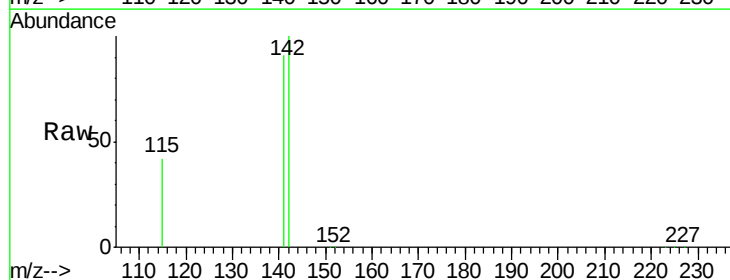
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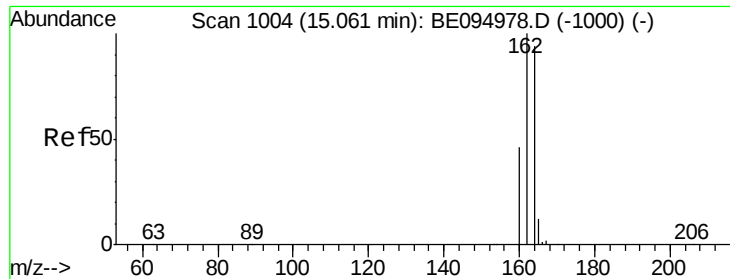
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#12
 2-Methylnaphthalene
 Concen: 38.068 ng
 RT: 12.91 min Scan# 853
 Delta R.T. -0.02 min
 Lab File: BE095055.D
 Acq: 26 Dec 2017 14:39

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.3	70.4	105.6
115	41.9	31.7	47.5





#13

Acenaphthene-d10

Concen: 0.400 ng m

RT: 15.04 min Scan# 1003

Delta R.T. -0.02 min

Lab File: BE095055.D

Acq: 26 Dec 2017 14:39

Instrument :

BNA_E

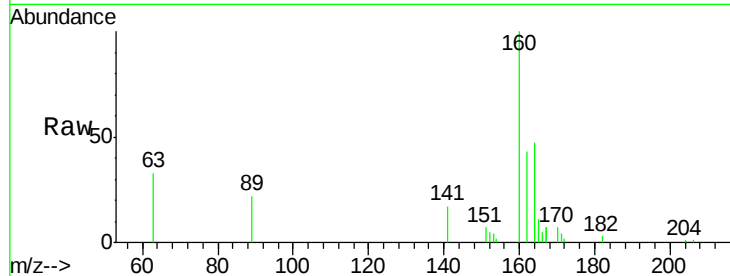
ClientSampleId :

PR-MW-1-121817

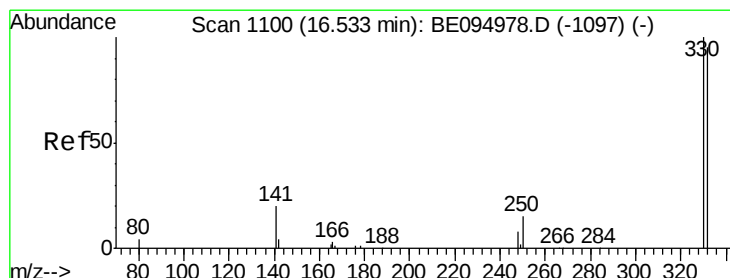
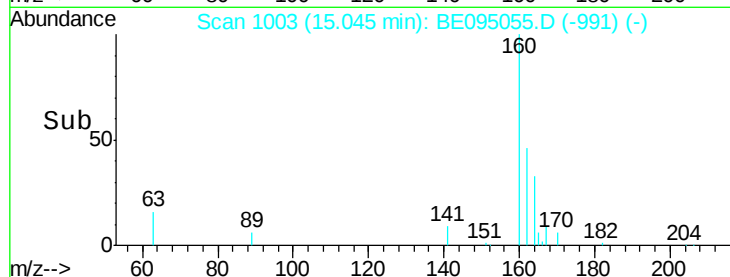
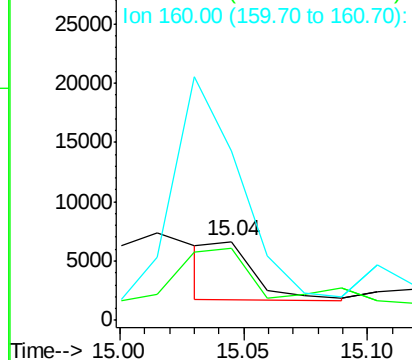
Tgt Ion:	164	Resp:	5544
Ion Ratio	Lower	Upper	
164	100		
162	92.0	83.1	124.7
160	214.8	37.1	55.7#

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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



#14

2,4,6-Tribromophenol

Concen: 1.264 ng

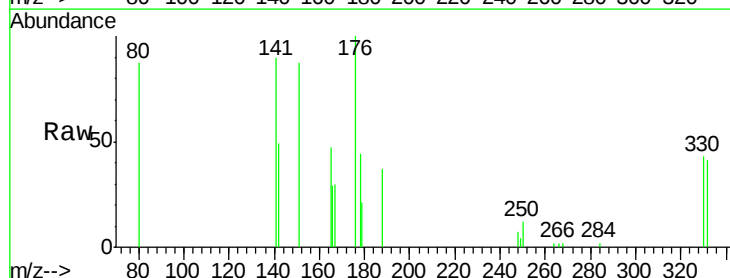
RT: 16.50 min Scan# 1098

Delta R.T. -0.03 min

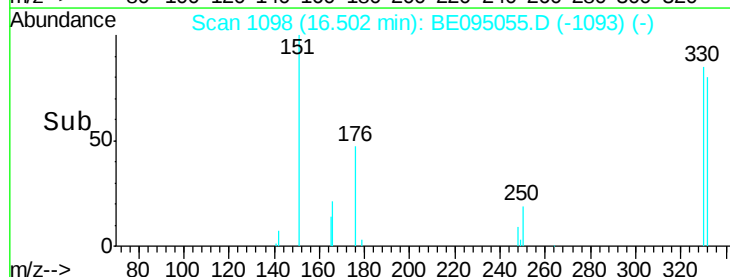
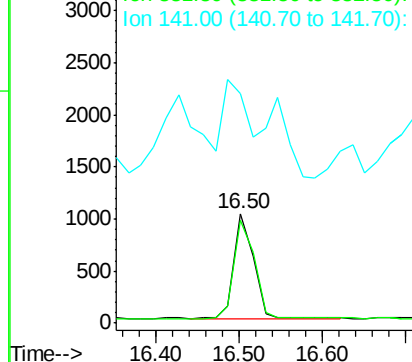
Lab File: BE095055.D

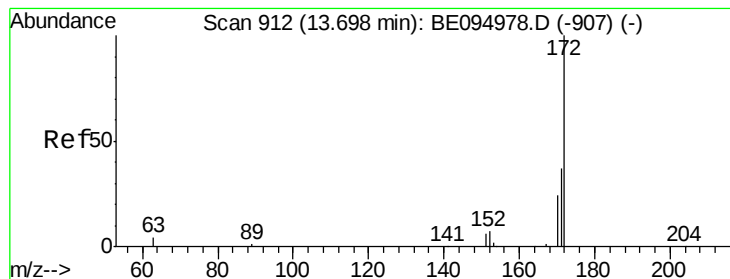
Acq: 26 Dec 2017 14:39

Tgt Ion:	330	Resp:	1628
Ion Ratio	Lower	Upper	
330	100		
332	98.9	152.7	229.1#
141	204.3	33.7	50.5#



Abundance Ion 330.00 (329.70 to 330.70): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E





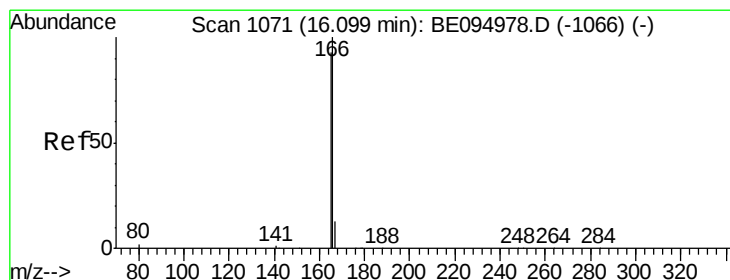
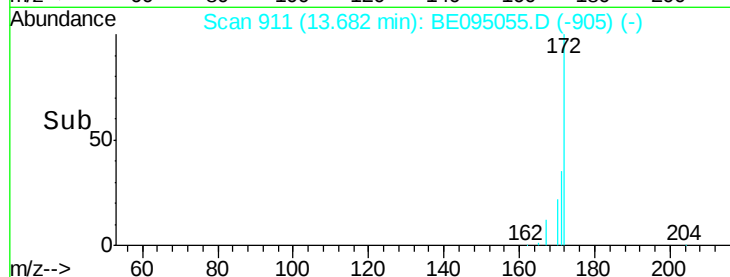
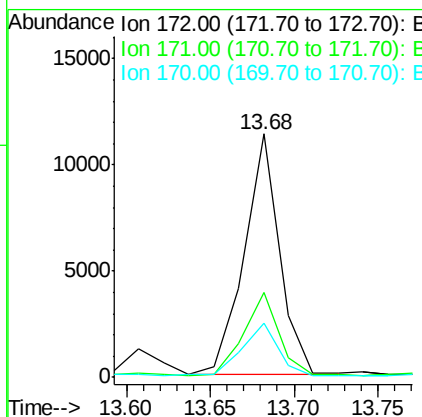
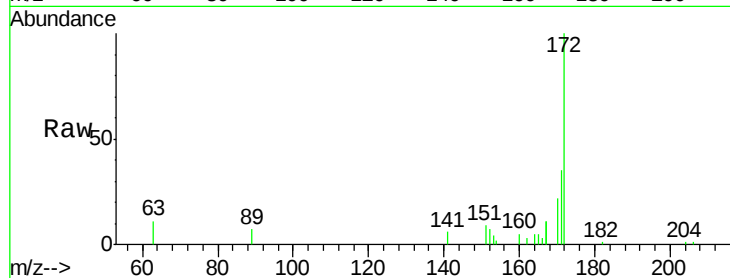
#15
2-Fluorobiphenyl
Concen: 0.667 ng
RT: 13.68 min Scan# 911
Delta R.T. -0.02 min
Lab File: BE095055.D
Acq: 26 Dec 2017 14:39

Instrument :
BNA_E
ClientSampleId :
PR-MW-1-121817

Tgt Ion	Ratio	Resp Lower	Resp Upper
172	100		
171	34.8	29.9	44.9
170	22.2	21.8	32.8

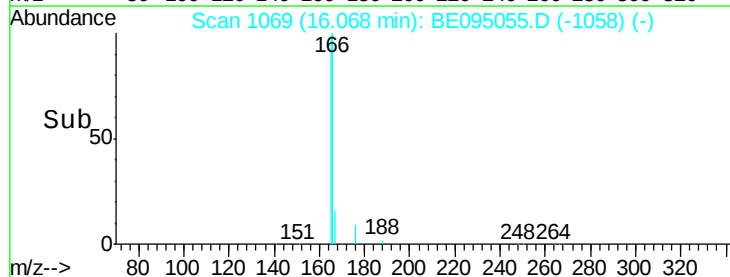
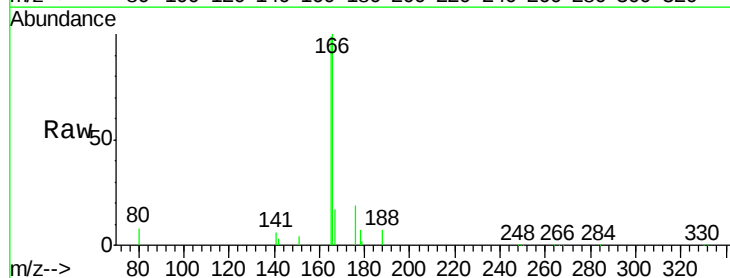
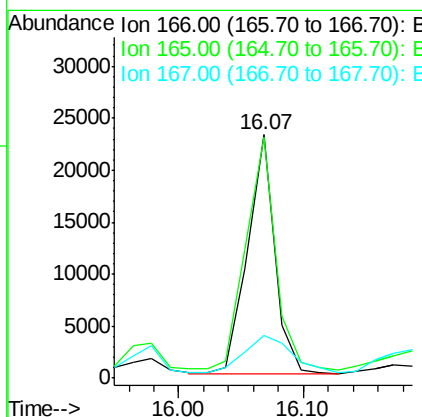
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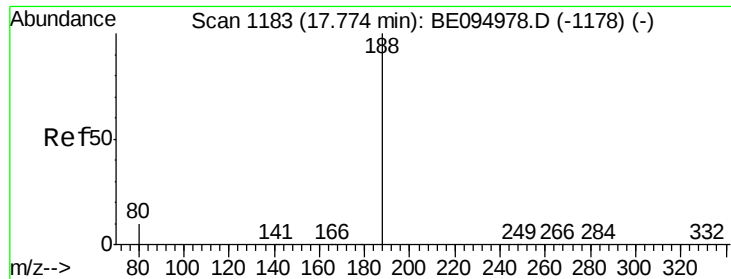
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#18
Fluorene
Concen: 1.426 ng
RT: 16.07 min Scan# 1069
Delta R.T. -0.03 min
Lab File: BE095055.D
Acq: 26 Dec 2017 14:39

Tgt Ion	Ratio	Resp Lower	Resp Upper
166	100		
165	105.2	77.8	116.6
167	26.8	42.4	63.6#





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.74 min Scan# 1181

Delta R.T. -0.03 min

Lab File: BE095055.D

Acq: 26 Dec 2017 14:39

Instrument :

BNA_E

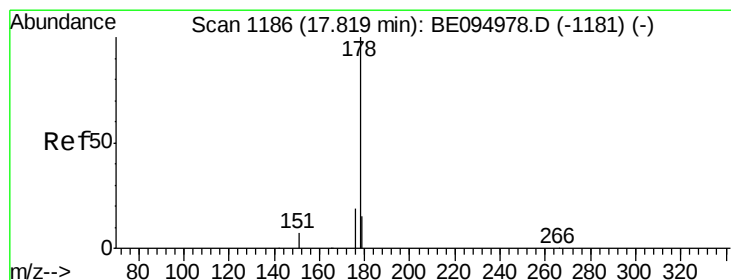
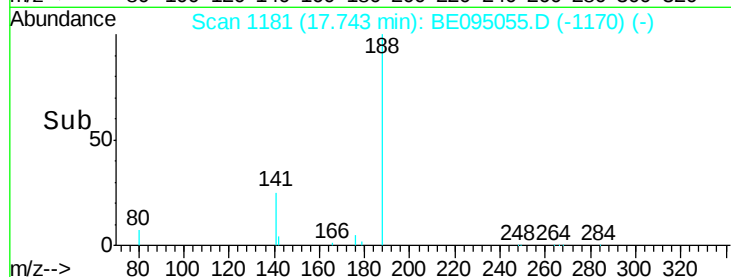
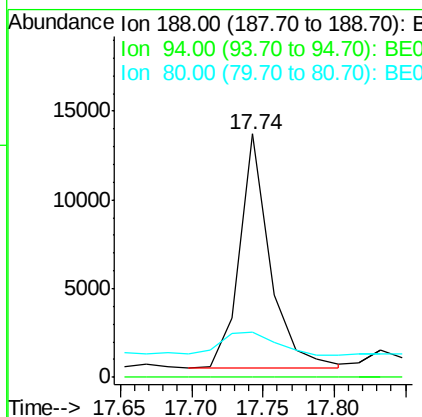
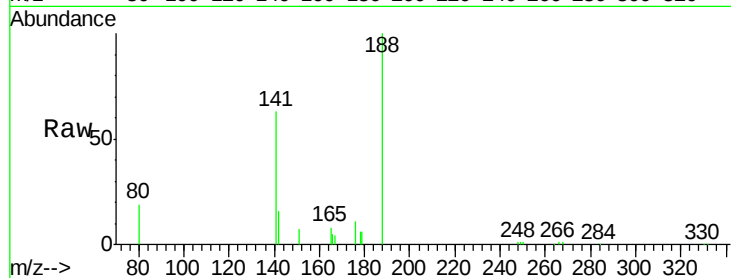
ClientSampleId :

PR-MW-1-121817

Tgt Ion:	188	Resp:	19532
Ion Ratio	Lower	Upper	
188	100		
94	0.0	3.9	5.9#
80	18.8	3.6	5.4#

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#23

Phenanthrene

Concen: 0.218 ng

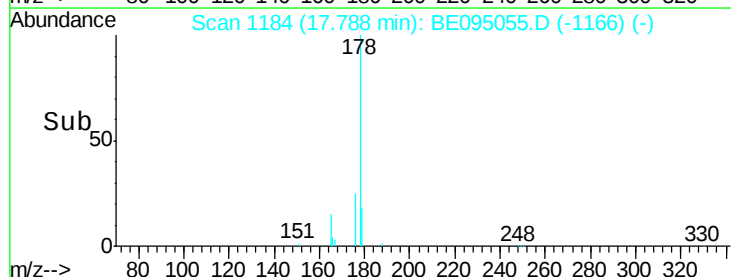
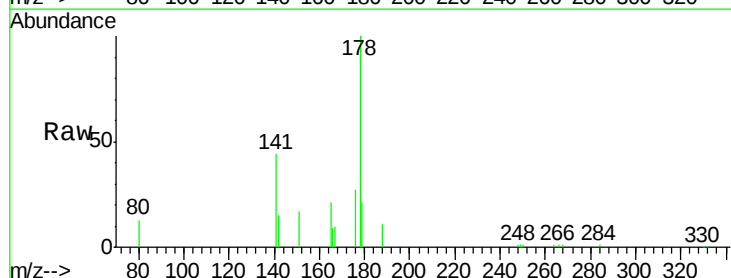
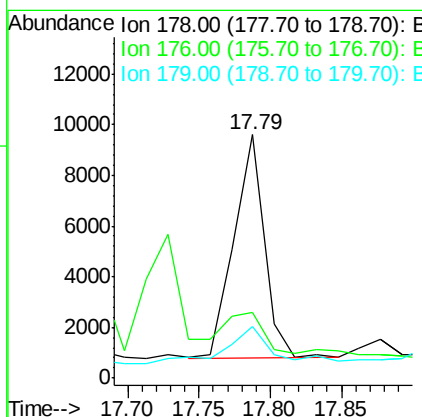
RT: 17.79 min Scan# 1184

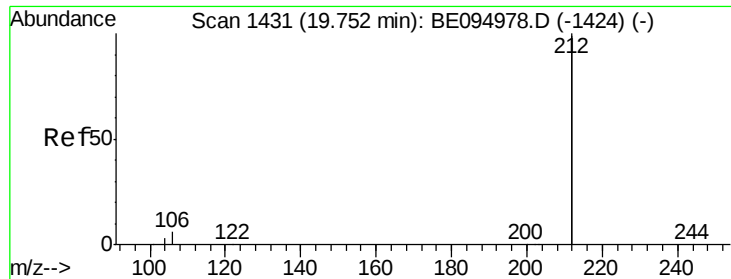
Delta R.T. -0.03 min

Lab File: BE095055.D

Acq: 26 Dec 2017 14:39

Tgt Ion:	178	Resp:	13287
Ion Ratio	Lower	Upper	
178	100		
176	22.0	15.1	22.7
179	36.6	11.8	17.6#





#25

Fluoranthene-d10

Concen: 0.391 ng

RT: 19.72 min Scan# 1427

Delta R.T. -0.03 min

Lab File: BE095055.D

Acq: 26 Dec 2017 14:39

Instrument :

BNA_E

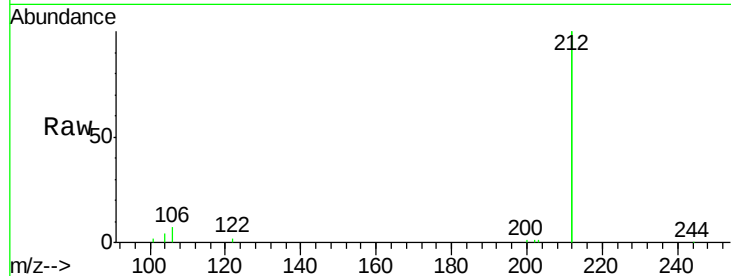
ClientSampleId :

PR-MW-1-121817

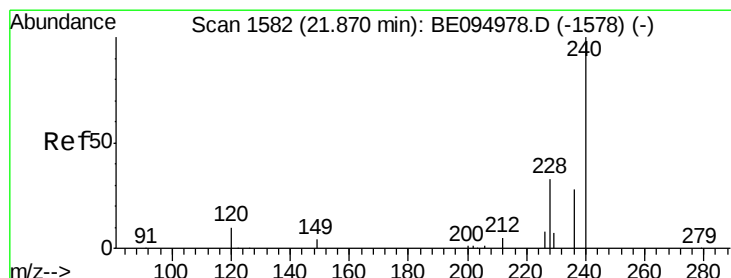
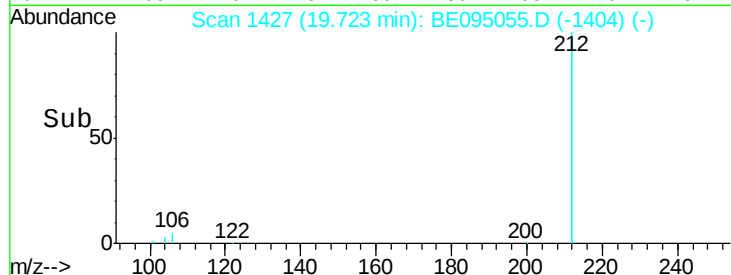
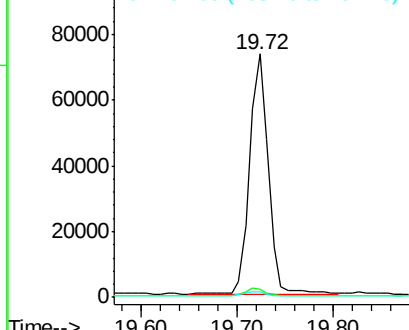
Tgt Ion:	212	Resp:	99126
Ion Ratio	Lower	Upper	
212	100		
106	3.3	2.8	4.2
104	2.0	1.6	2.4

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Abundance Ion 212.00 (211.70 to 212.70): E
Ion 106.00 (105.70 to 106.70): E
Ion 104.00 (103.70 to 104.70): E



#27

Chrysene-d12

Concen: 0.400 ng

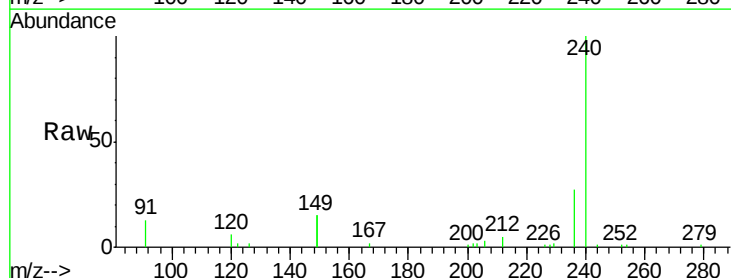
RT: 21.84 min Scan# 1580

Delta R.T. -0.03 min

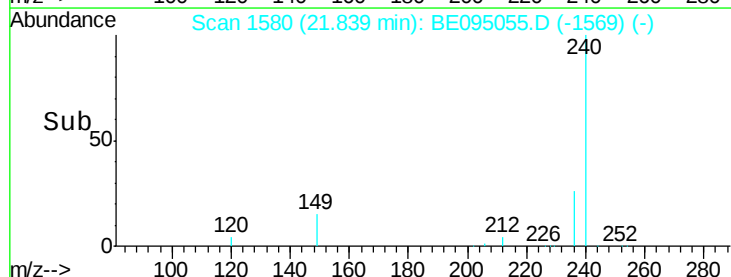
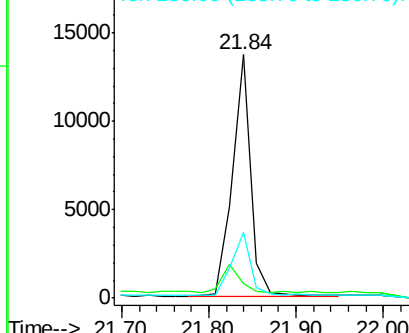
Lab File: BE095055.D

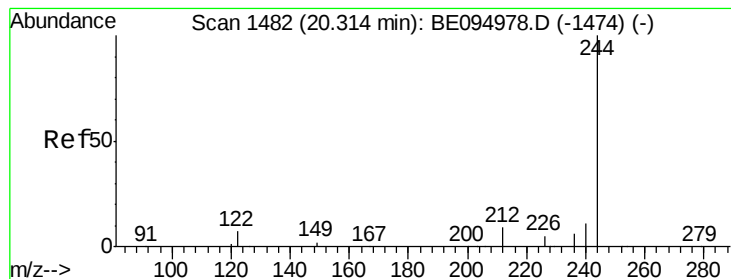
Acq: 26 Dec 2017 14:39

Tgt Ion:	240	Resp:	19725
Ion Ratio	Lower	Upper	
240	100		
120	6.0	5.5	8.3
236	26.9	20.7	31.1



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





#29

Terphenyl-d14

Concen: 0.640 ng

RT: 20.28 min Scan# 1480

Delta R.T. -0.03 min

Lab File: BE095055.D

Acq: 26 Dec 2017 14:39

Instrument :

BNA_E

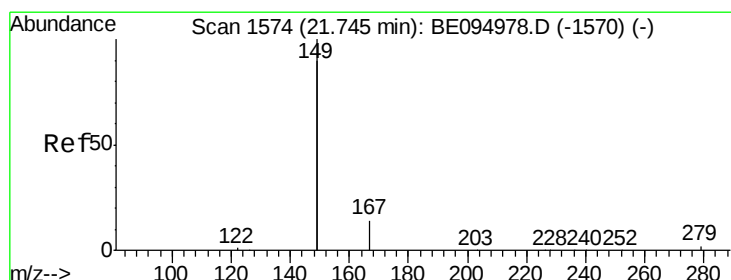
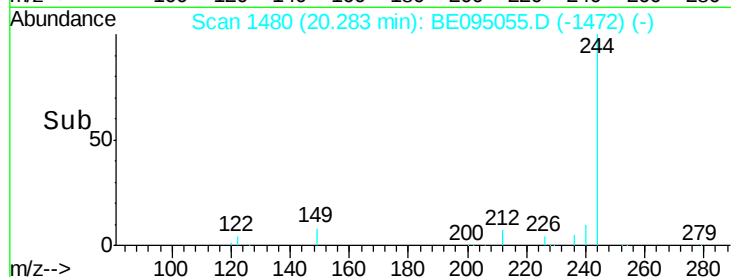
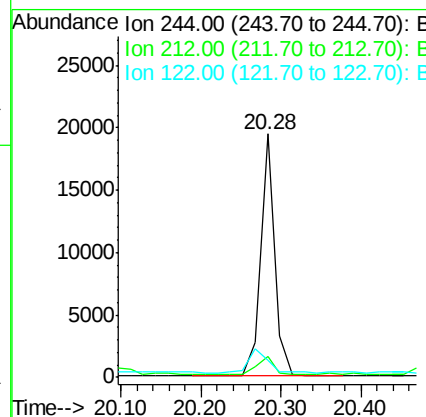
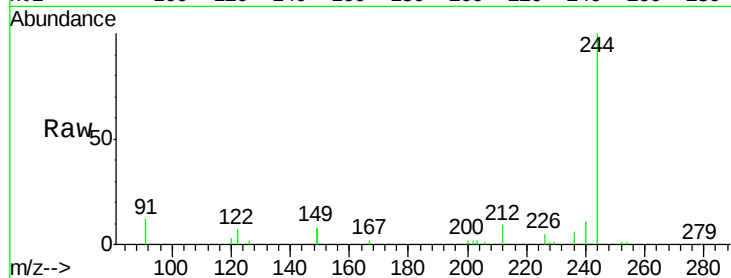
ClientSampleId :

PR-MW-1-121817

Tgt Ion:	244	Resp:	23769
Ion Ratio	Lower	Upper	
244	100		
212	8.8	25.4	38.0#
122	6.8	8.1	12.1#

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#32

Bis(2-ethylhexyl)phthalate

Concen: 0.232 ng

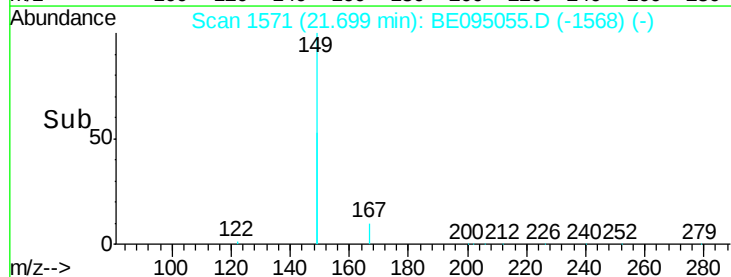
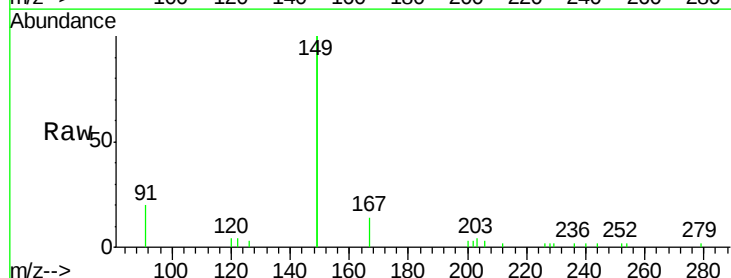
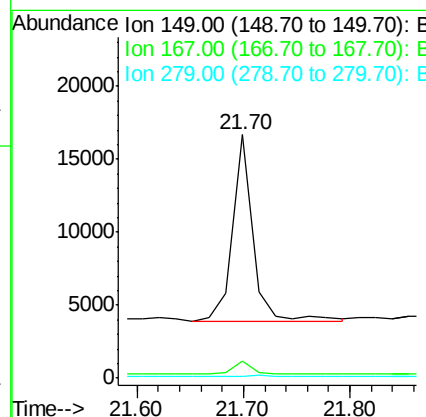
RT: 21.70 min Scan# 1571

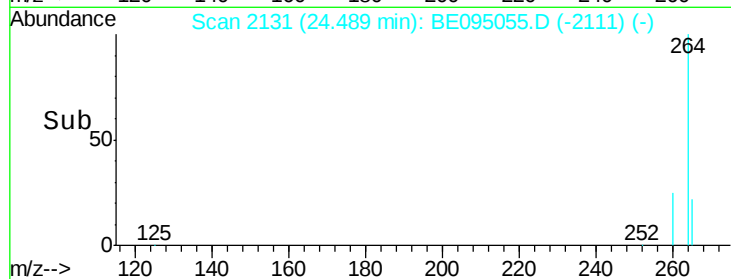
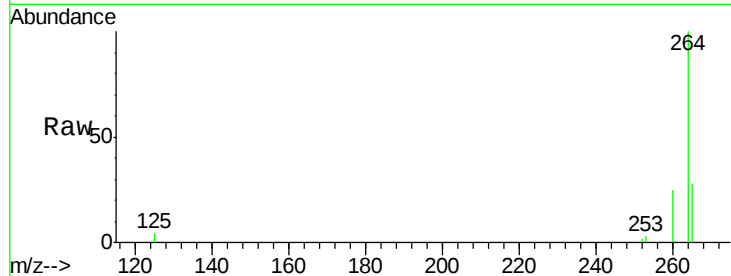
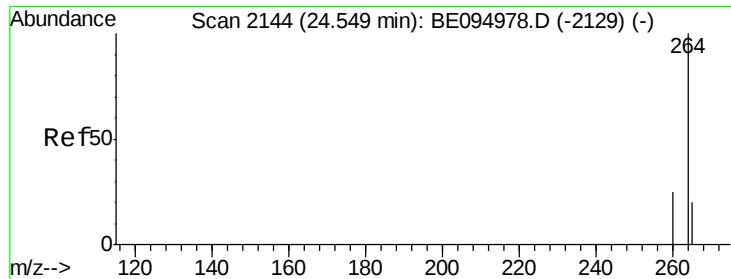
Delta R.T. -0.05 min

Lab File: BE095055.D

Acq: 26 Dec 2017 14:39

Tgt Ion:	149	Resp:	17013
Ion Ratio	Lower	Upper	
149	100		
167	6.4	5.4	8.0
279	1.1	0.7	1.1





#34
Perylene-d12
Concen: 0.400 ng
RT: 24.49 min Scan# 2131
Delta R.T. -0.06 min
Lab File: BE095055.D
Acq: 26 Dec 2017 14:39

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.4	20.5	30.7
265	28.4	22.8	34.2

Instrument :
BNA_E
ClientSampleId :
PR-MW-1-121817

Manual Integrations
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