

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA E\DATA\BE110917\
 Data File : BE094791.D
 Acq On : 8 Nov 2017 20:05
 Operator : SJ/JU
 Sample : I6328-04
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 MW-5

Manual Integrations
 APPROVED

Sohil
 11/9/2017 3:45:28 PM

Quant Time: Nov 09 00:47:54 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE102317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 23 22:40:47 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	1292	0.40	ng	0.01
7) Naphthalene-d8	10.71	136	7438	0.40	ng	0.00
13) Acenaphthene-d10	14.51	164	4496	0.40	ng	0.00
19) Phenanthrene-d10	17.23	188	9092	0.40	ng	0.00
27) Chrysene-d12	21.43	240	10313	0.40	ng	0.00
34) Perylene-d12	23.97	264	9220	0.40	ng	0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.56	112	593	0.13	ng	0.04
5) Phenol-d6	7.19	99	703	0.11	ng	0.05
8) Nitrobenzene-d5	9.11	82	1906	0.32	ng	0.03
11) 2-Methylnaphthalene-d10	12.29	152	4307	0.36	ng	0.00
14) 2,4,6-Tribromophenol	16.03	330	608	0.49	ng	0.00
15) 2-Fluorobiphenyl	13.15	172	6008	0.38	ng	0.00
25) Fluoranthene-d10	19.28	212	45118	0.40	ng	0.00
29) Terphenyl-d14	19.85	244	9087	0.47	ng	-0.02
Target Compounds						
2) 1,4-Dioxane	3.41	88	748	0.342	ng	# 51
24) Anthracene	17.40	178	1085m	0.041	ng	
32) Bis(2-ethylhexyl)phthalate	21.28	149	11761	0.143	ng	# 100

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

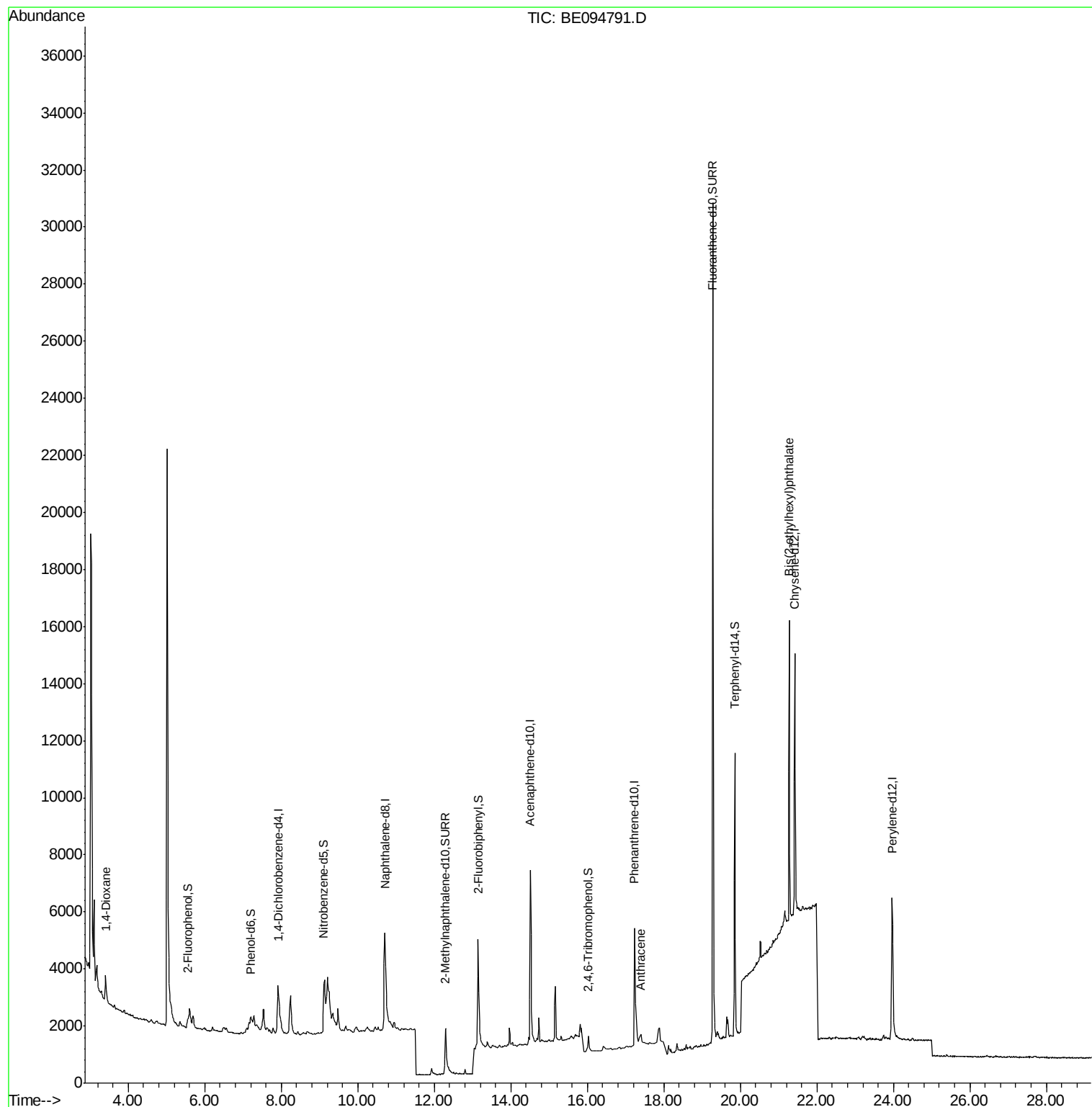
Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA E\DATA\BE110917\
Data File : BE094791.D
Acq On : 8 Nov 2017 20:05
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ALS Vial : 9 Sample Multiplier: 1

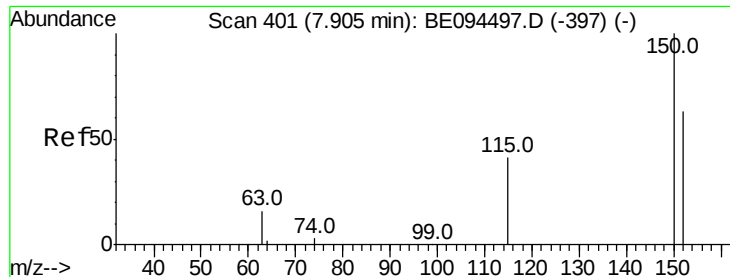
Instrument :
BNA_E
ClientSampleId :
MW-5

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Quant Time: Nov 09 00:47:54 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE102317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 23 22:40:47 2017
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.92 min Scan# 402

Delta R.T. 0.01 min

Lab File: BE094791.D

Acq: 8 Nov 2017 20:05

Instrument :

BNA_E

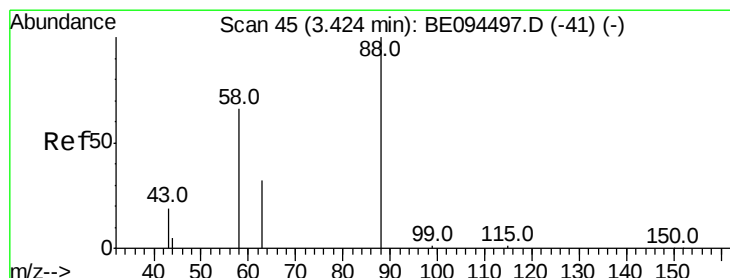
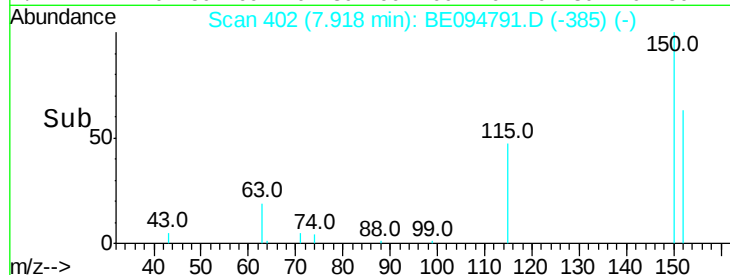
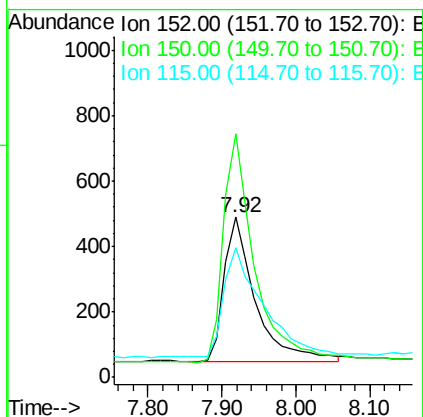
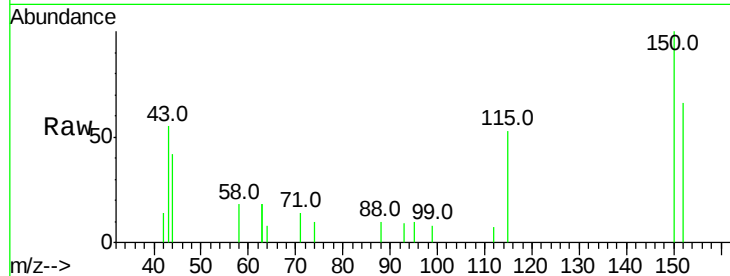
ClientSampled :

MW-5

Tot Ion:	152	Resp:	1292
Ion Ratio	Lower	Upper	
152	100		
150	152.1	117.2	175.8
115	80.8	57.0	85.6

Manual Integrations
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#2

1,4-Dioxane

Concen: 0.342 ng

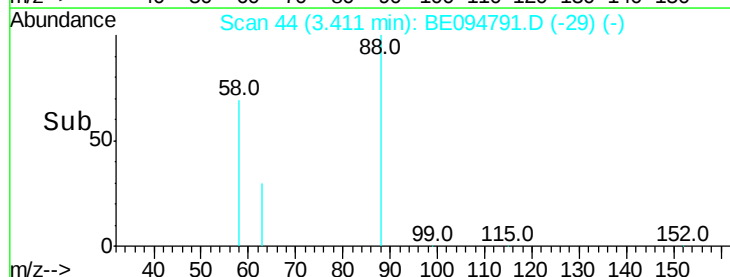
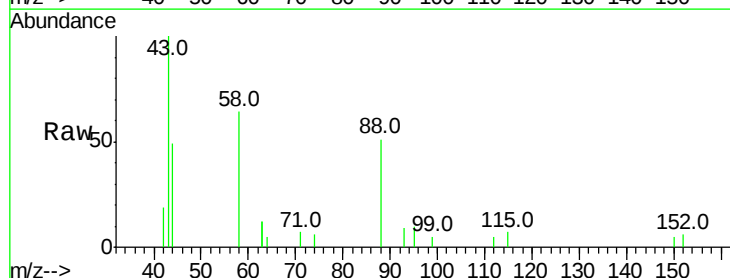
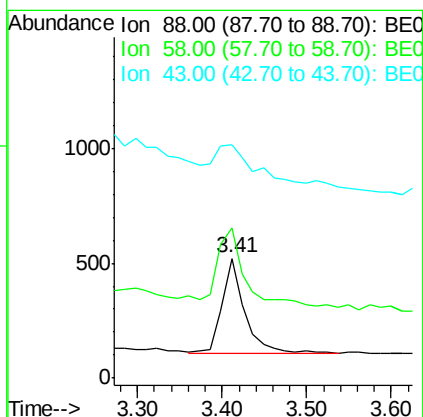
RT: 3.41 min Scan# 44

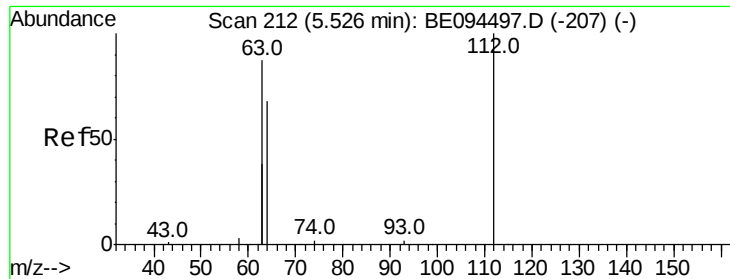
Delta R.T. -0.01 min

Lab File: BE094791.D

Acq: 8 Nov 2017 20:05

Tgt Ion:	88	Resp:	748
Ion Ratio	Lower	Upper	
88	100		
58	100.1	63.2	94.8#
43	112.2	41.2	61.8#





#4

2-Fluorophenol

Concen: 0.134 ng

RT: 5.56 min Scan# 215

Delta R.T. 0.04 min

Lab File: BE094791.D

Acq: 8 Nov 2017 20:05

Instrument :

BNA_E

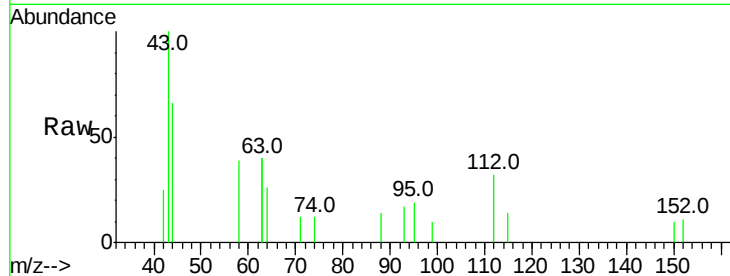
ClientSampled :

MW-5

Tot Ion:	112	Resp:	593
Ion Ratio	Lower	Upper	
112	100		
64	69.5	60.1	90.1
63	155.1	116.8	175.2

Manual Integrations
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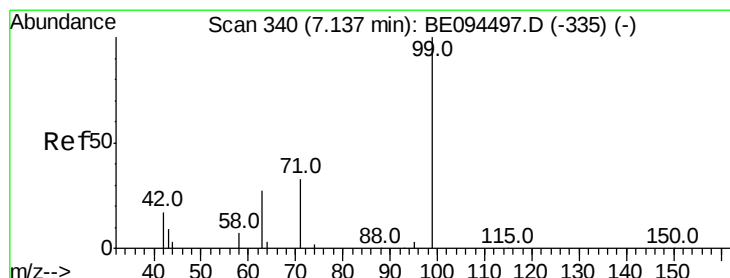
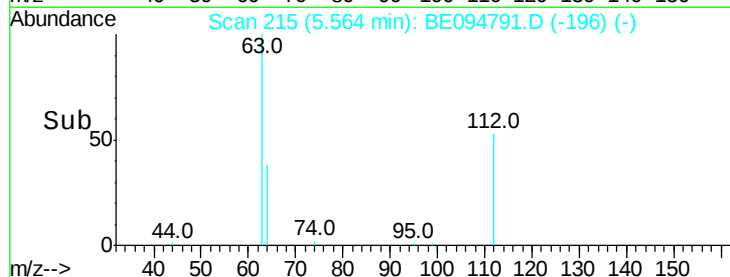
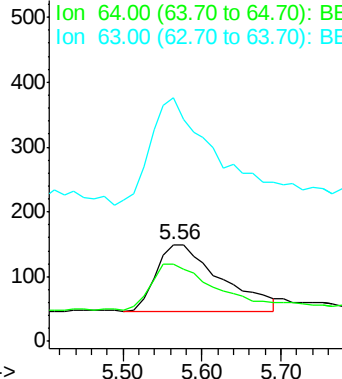
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Abundance Ion 112.00 (111.70 to 112.70): BE094791.D (-207) (-)

Ion 64.00 (63.70 to 64.70): BE094791.D (-207) (-)

Ion 63.00 (62.70 to 63.70): BE094791.D (-207) (-)



#5

Phenol-d6

Concen: 0.105 ng

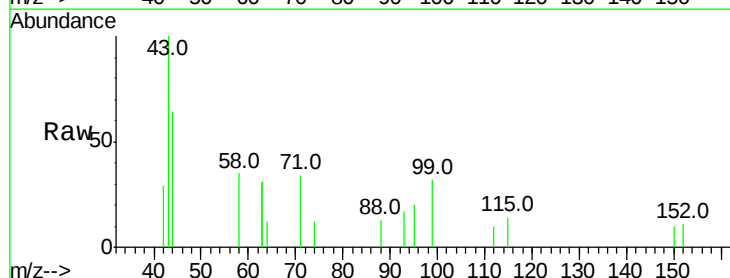
RT: 7.19 min Scan# 344

Delta R.T. 0.05 min

Lab File: BE094791.D

Acq: 8 Nov 2017 20:05

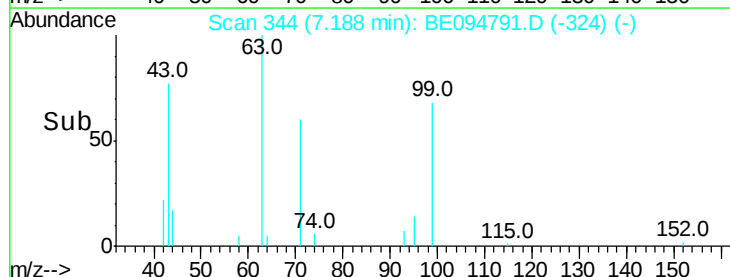
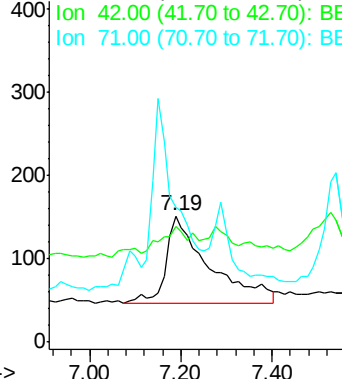
Tgt Ion:	99	Resp:	703
Ion Ratio	Lower	Upper	
99	100		
42	19.9	20.2	30.2#
71	0.0	28.4	42.6#

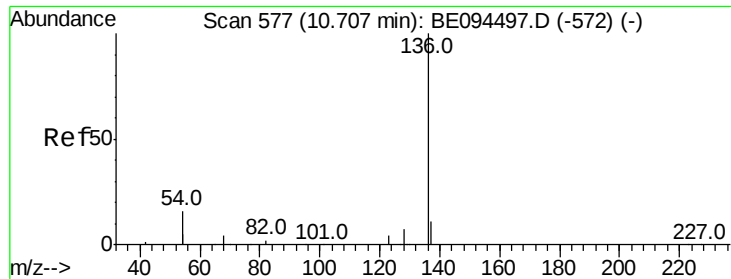


Abundance Ion 99.00 (98.70 to 99.70): BE094791.D (-335) (-)

Ion 42.00 (41.70 to 42.70): BE094791.D (-335) (-)

Ion 71.00 (70.70 to 71.70): BE094791.D (-335) (-)





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.71 min Scan# 577

Delta R.T. 0.00 min

Lab File: BE094791.D

Acq: 8 Nov 2017 20:05

Instrument :

BNA_E

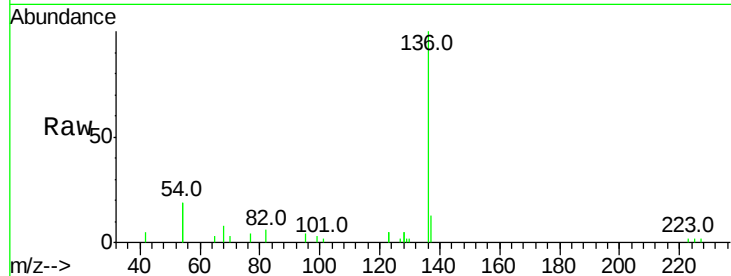
ClientSampleId :

MW-5

Tot Ion	136	Resp:	7438
Ion Ratio	Lower	Upper	
136	100		
137	13.3	9.5	14.3
54	38.5	29.1	43.7
68	8.5	6.2	9.2

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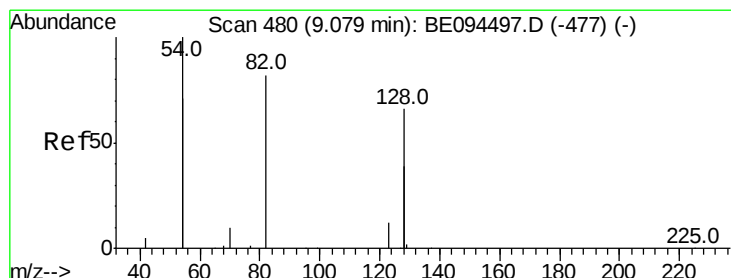
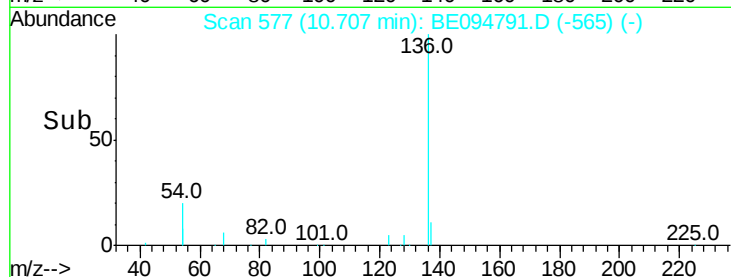
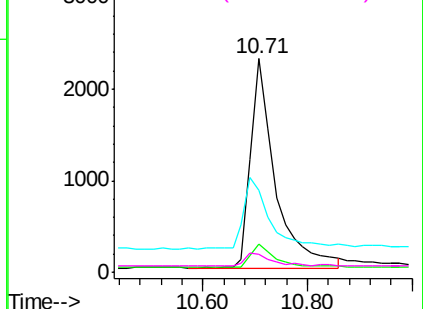


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0



#8

Nitrobenzene-d5

Concen: 0.321 ng

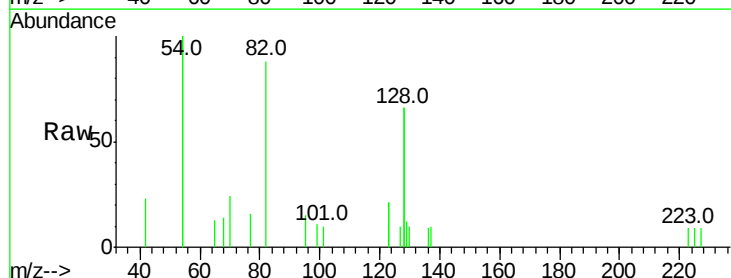
RT: 9.11 min Scan# 482

Delta R.T. 0.03 min

Lab File: BE094791.D

Acq: 8 Nov 2017 20:05

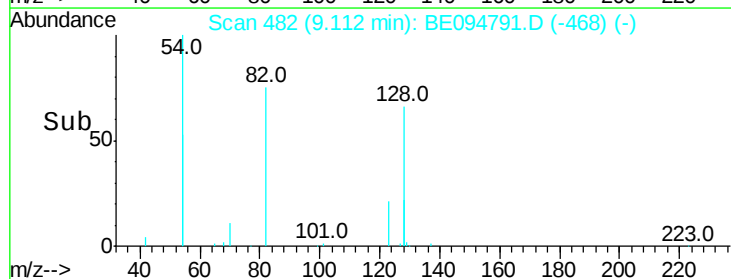
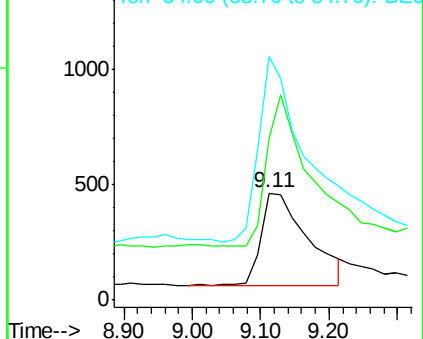
Tgt Ion	82	Resp:	1906
Ion Ratio	Lower	Upper	
82	100		
128	151.5	150.0	225.0
54	228.1	154.2	231.4

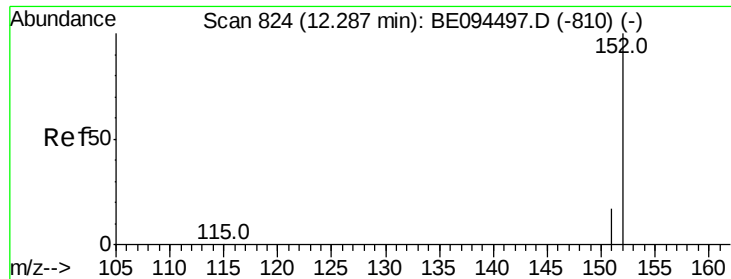


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#11

2-Methylnaphthalene-d10

Concen: 0.361 ng

RT: 12.29 min Scan# 825

Delta R.T. 0.00 min

Lab File: BE094791.D

Acq: 8 Nov 2017 20:05

Instrument :

BNA_E

ClientSampled :

MW-5

Tot Ion:152 Resp: 4307

Ion Ratio Lower Upper

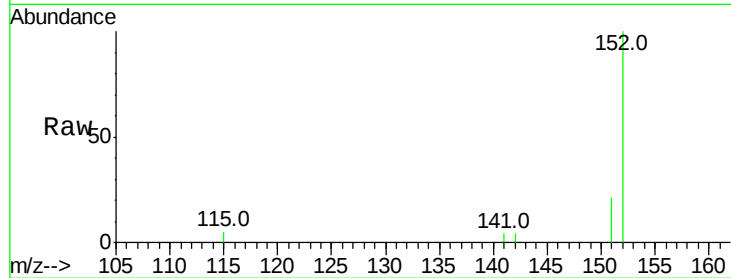
152 100

151 18.1 15.4 23.0

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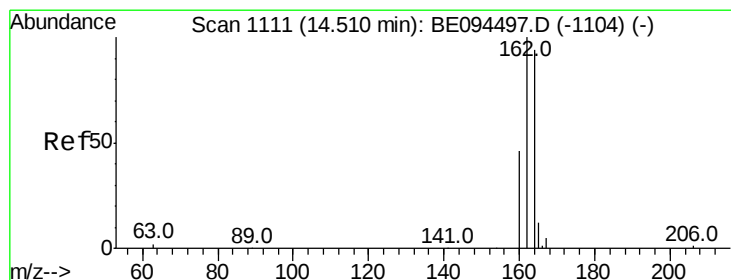
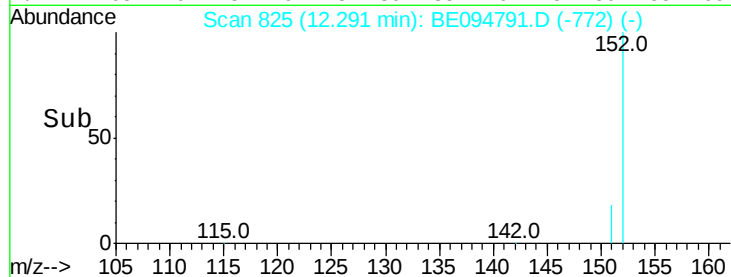
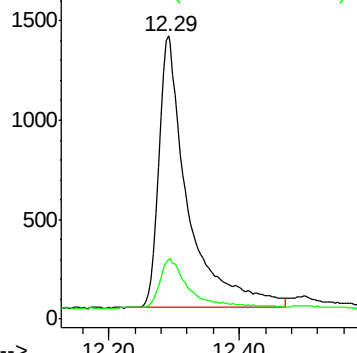
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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.51 min Scan# 1111

Delta R.T. -0.00 min

Lab File: BE094791.D

Acq: 8 Nov 2017 20:05

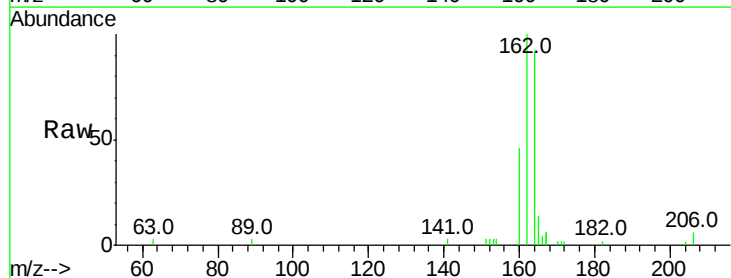
Tgt Ion:164 Resp: 4496

Ion Ratio Lower Upper

164 100

162 108.1 83.1 124.7

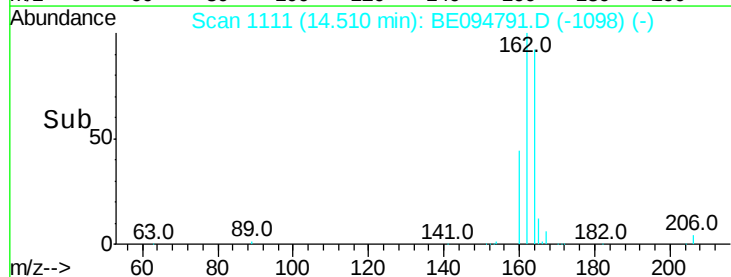
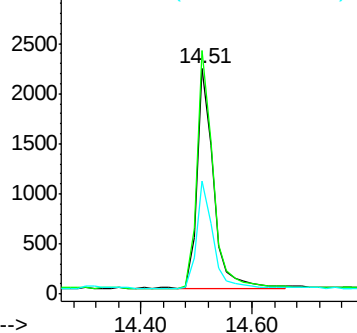
160 50.1 37.1 55.7

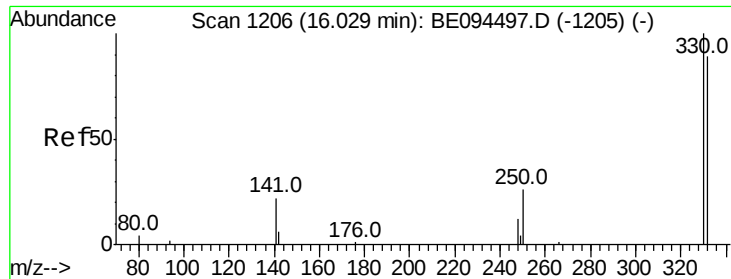


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#14

2,4,6-Tribromophenol

Concen: 0.490 ng

RT: 16.03 min Scan# 1206

Delta R.T. -0.00 min

Lab File: BE094791.D

Acq: 8 Nov 2017 20:05

Instrument :

BNA_E

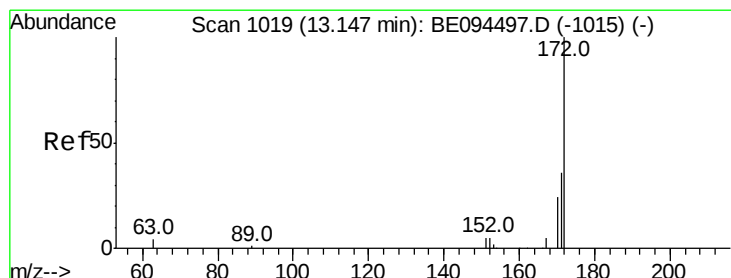
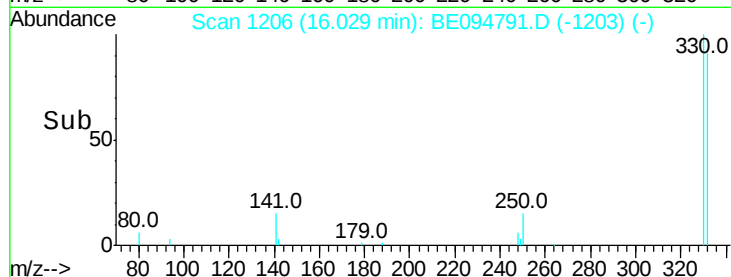
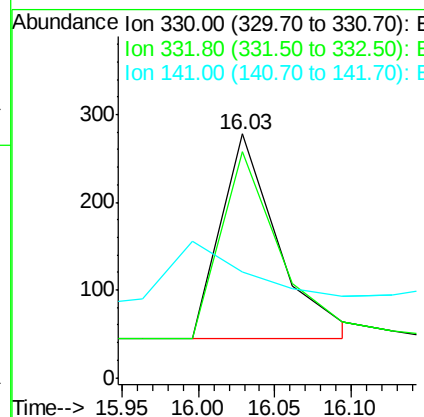
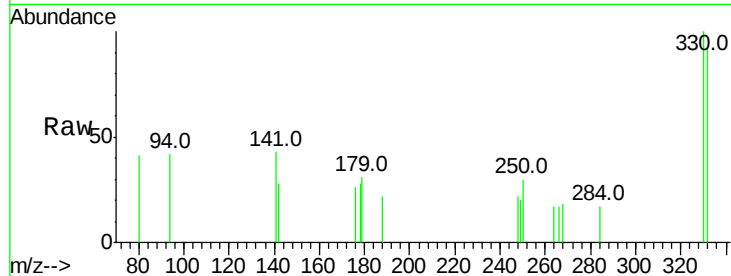
ClientSampled :

MW-5

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.6	152.7	229.1#
141	0.0	33.7	50.5#

Manual Integrations
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#15

2-Fluorobiphenyl

Concen: 0.379 ng

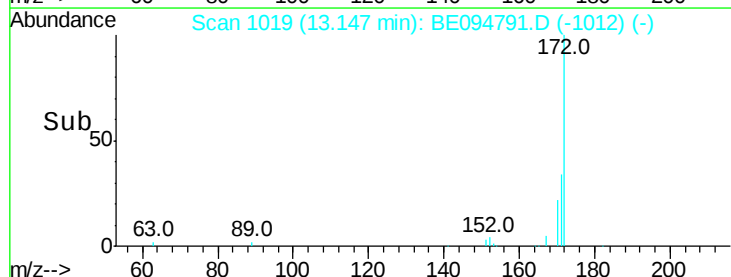
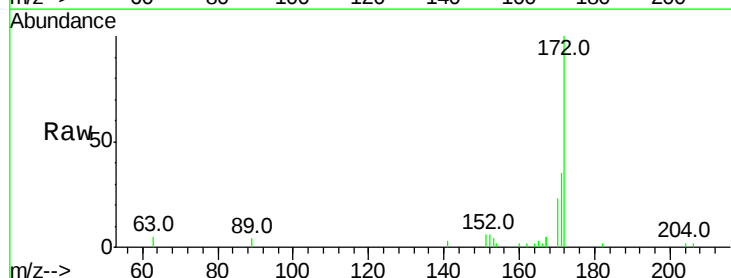
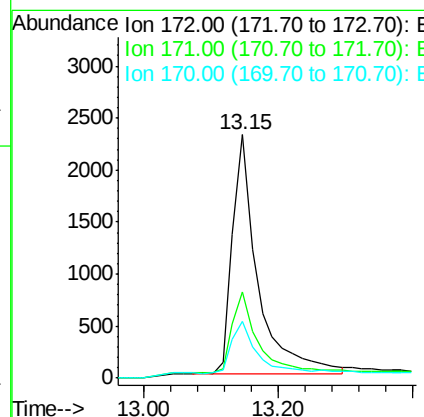
RT: 13.15 min Scan# 1019

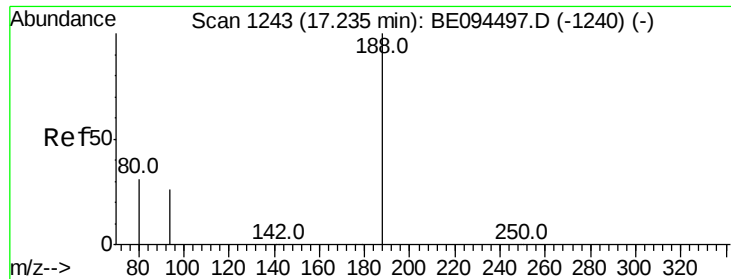
Delta R.T. -0.00 min

Lab File: BE094791.D

Acq: 8 Nov 2017 20:05

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.5	29.9	44.9
170	23.3	21.8	32.8





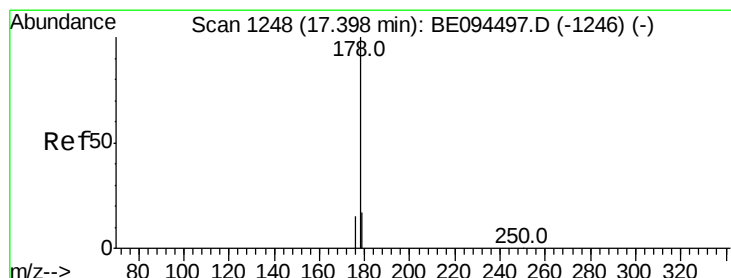
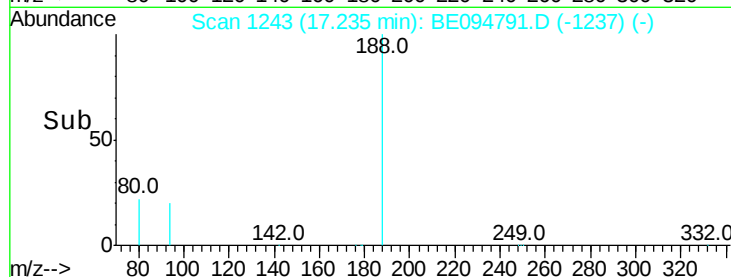
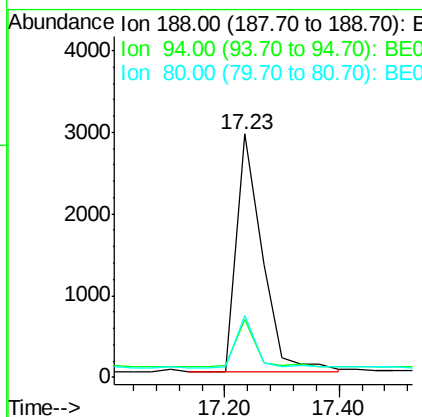
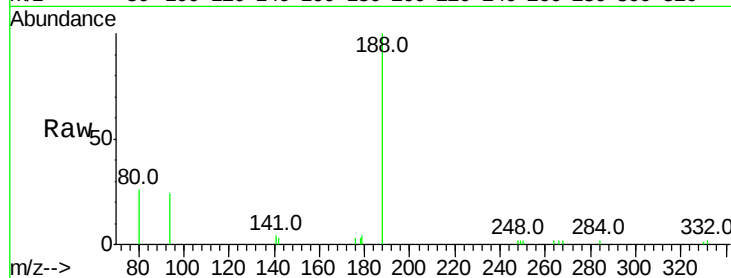
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.23 min Scan# 1243
Delta R.T. -0.00 min
Lab File: BE094791.D
Acq: 8 Nov 2017 20:05

Instrument :
BNA_E
ClientSampleId :
MW-5

Tot Ion	Ratio	Lower	Upper
188	100		
94	24.1	3.9	5.9#
80	25.6	3.6	5.4#

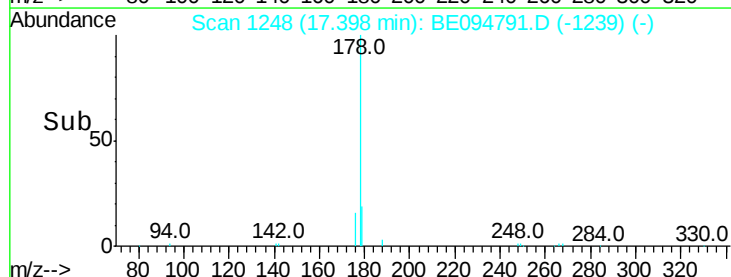
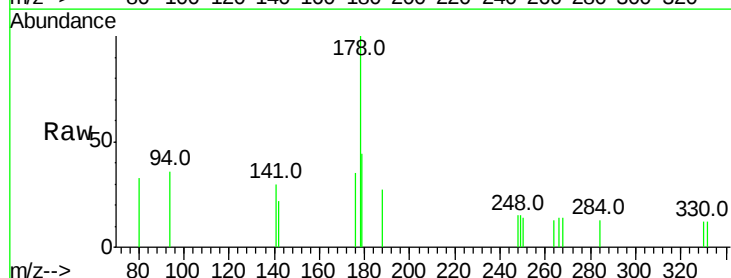
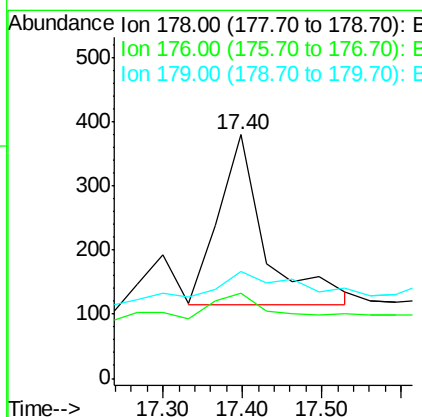
Manual Integrations
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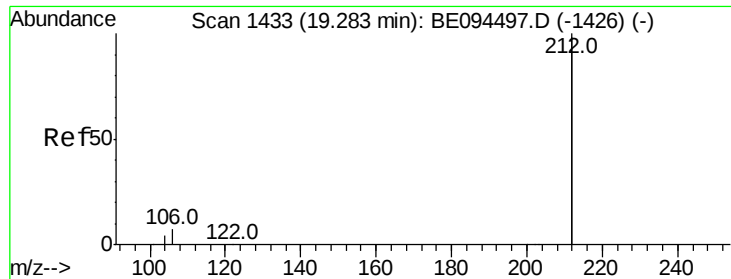
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#24
Anthracene
Concen: 0.041 ng m
RT: 17.40 min Scan# 1248
Delta R.T. -0.00 min
Lab File: BE094791.D
Acq: 8 Nov 2017 20:05

Tgt Ion	Ratio	Lower	Upper
178	100		
176	23.2	12.8	19.2#
179	57.7	13.0	19.6#





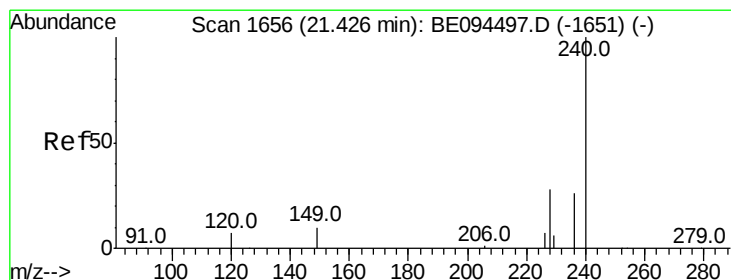
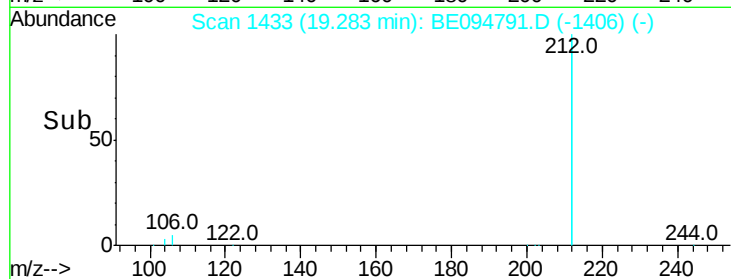
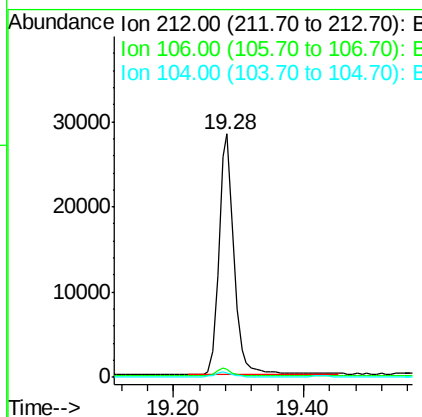
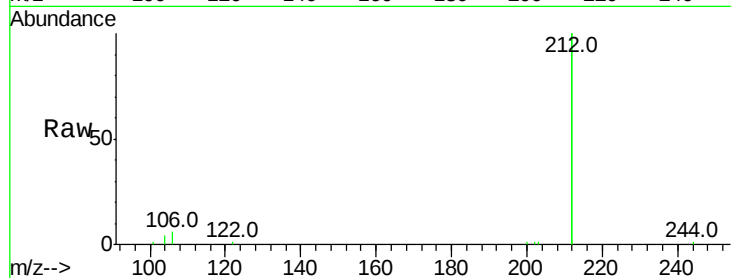
#25
Fluoranthene-d10
Concen: 0.404 ng
RT: 19.28 min Scan# 1433
Delta R.T. 0.00 min
Lab File: BE094791.D
Acq: 8 Nov 2017 20:05

Instrument :
BNA_E
ClientSampleId :
MW-5

Tot Ion	Ratio	Lower	Upper
212	100		
106	3.3	2.8	4.2
104	2.0	1.6	2.4

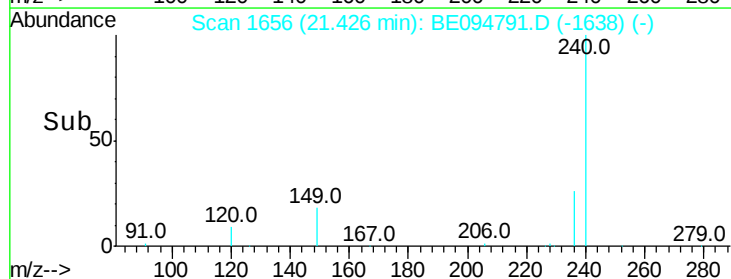
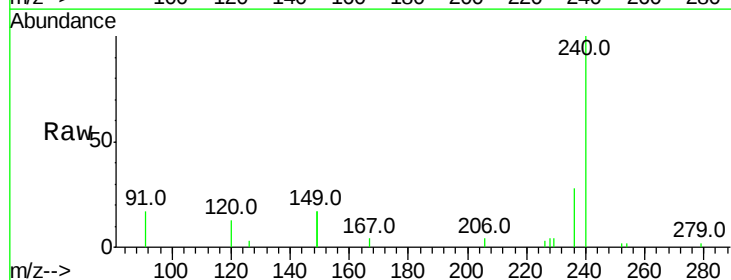
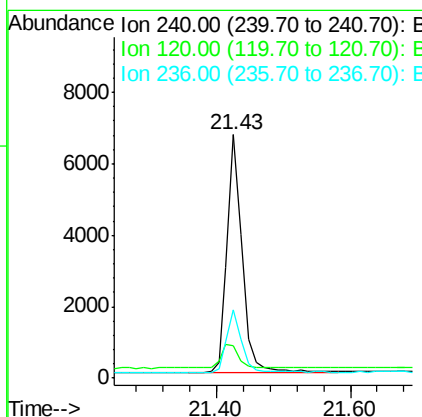
Manual Integrations
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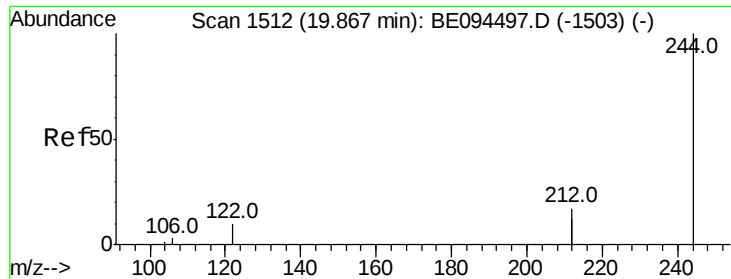
Sohil
11/9/2017 3:45:28 PM



#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.43 min Scan# 1656
Delta R.T. -0.00 min
Lab File: BE094791.D
Acq: 8 Nov 2017 20:05

Tgt Ion	Ratio	Lower	Upper
240	100		
120	13.2	5.5	8.3#
236	27.9	20.7	31.1





#29

Terphenyl-d14

Concen: 0.467 ng

RT: 19.85 min Scan# 1510

Delta R.T. -0.02 min

Lab File: BE094791.D

Acq: 8 Nov 2017 20:05

Instrument :

BNA_E

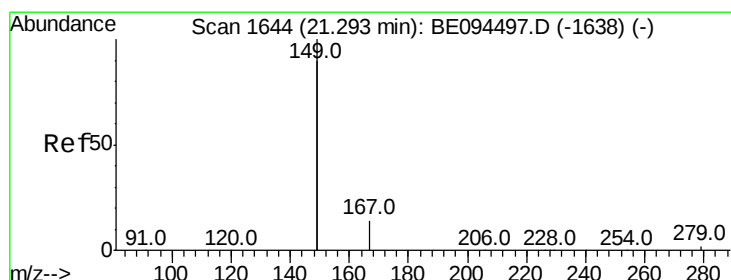
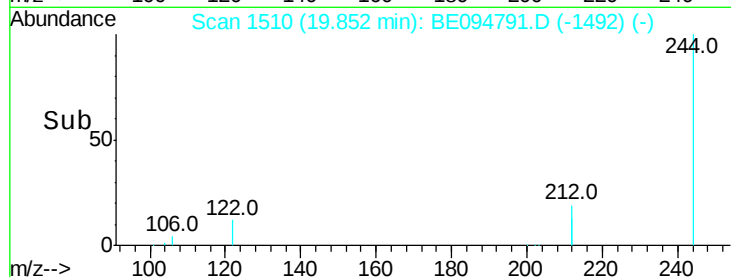
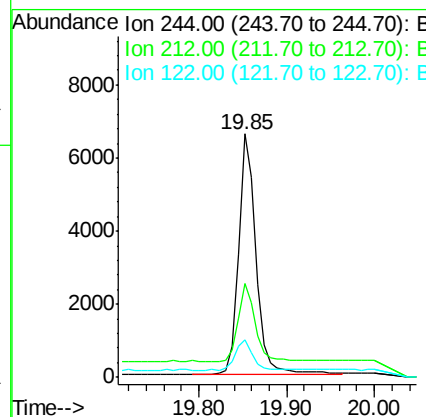
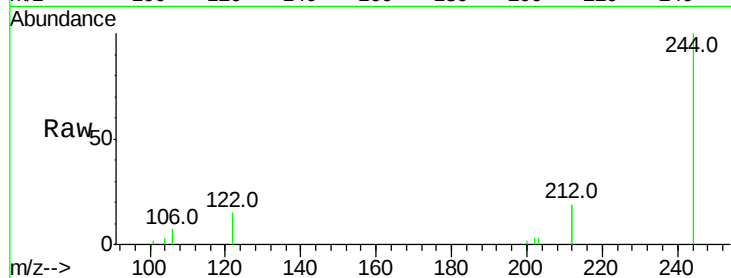
ClientSampled :

MW-5

Tot Ion:	244	Resp:	9087
Ion Ratio	Lower	Upper	
244	100		
212	38.4	25.4	38.0#
122	15.4	8.1	12.1#

Manual Integrations
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#32

Bis(2-ethylhexyl)phthalate

Concen: 0.143 ng

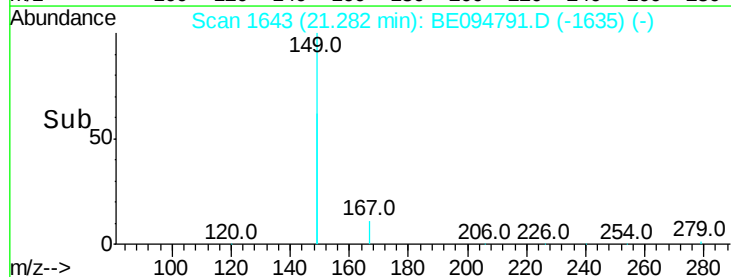
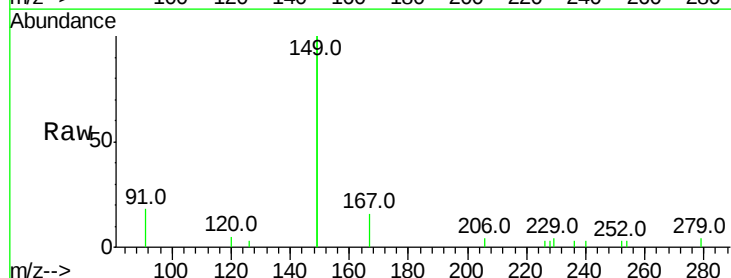
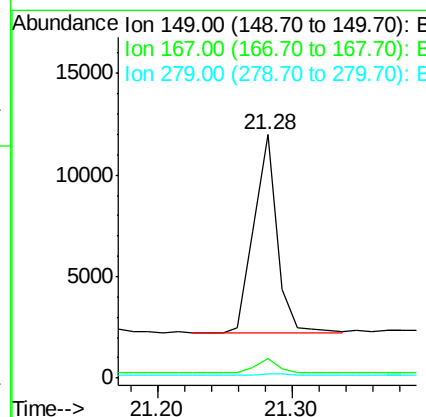
RT: 21.28 min Scan# 1643

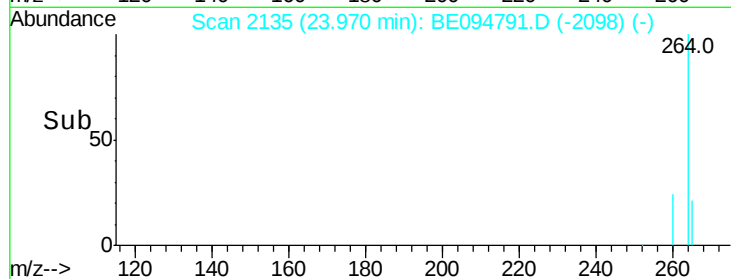
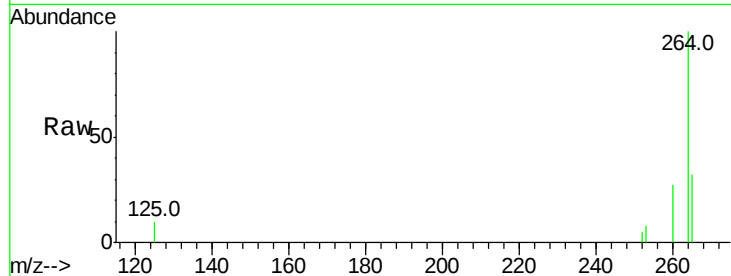
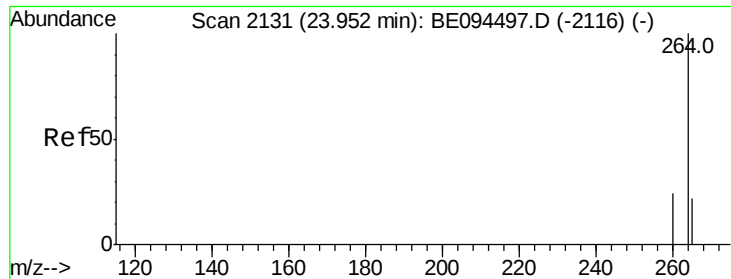
Delta R.T. -0.01 min

Lab File: BE094791.D

Acq: 8 Nov 2017 20:05

Tgt Ion:	149	Resp:	11761
Ion Ratio	Lower	Upper	
149	100		
167	6.7	5.4	8.0
279	1.2	0.7	1.1#





#34

Pervlene-d12

Concen: 0.400 ng

RT: 23.97 min Scan# 2135

Delta R.T. 0.02 min

Lab File: BE094791.D

Acq: 8 Nov 2017 20:05

Instrument :

BNA_E

ClientSampleId :

MW-5

Tot Ion: 264 Resp: 9220

Ion Ratio Lower Upper

264 100

260 26.7 20.5 30.7

265 31.5 22.8 34.2

Manual Integrations
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Sohil
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