

Data Path : Z:\HPCHEM1\BNA E\DATA\BE102417\
 Data File : BE094515.D
 Acq On : 24 Oct 2017 15:07
 Operator : SJ/JU
 Sample : I5950-12DL2 500X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 20170725-PA-A-COMP1DL2

Manual Integrations
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Sohil
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Quant Time: Oct 24 16:58:27 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	1021	0.40	ng	0.01
7) Naphthalene-d8	10.71	136	5847	0.40	ng	0.00
13) Acenaphthene-d10	14.52	164	4329	0.40	ng	0.01
19) Phenanthrene-d10	17.27	188	9178	0.40	ng	0.03
27) Chrysene-d12	21.43	240	10343	0.40	ng	0.00
34) Perylene-d12	23.95	264	10041	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.51	112	2	0.00	ng	-0.01
5) Phenol-d6	7.16	99	2	0.00	ng	0.03
8) Nitrobenzene-d5	9.13	82	8	0.00	ng	0.05
11) 2-Methylnaphthalene-d10	12.31	152	4	0.00	ng	0.03
14) 2,4,6-Tribromophenol	16.06	330	2	0.00	ng	0.03
15) 2-Fluorobiphenyl	13.18	172	23	0.00	ng	0.03
25) Fluoranthene-d10	0.00	212	0d	0.00	ng	
29) Terphenyl-d14	19.87	244	54	0.00	ng	0.00
Target Compounds						
9) Naphthalene	10.76	128	41449m	0.626	ng	Qvalue
12) 2-Methylnaphthalene	12.41	142	1053	0.094	ng	92
17) Acenaphthene	14.58	154	736	0.050	ng	96
18) Fluorene	15.59	166	575	0.031	ng	91

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

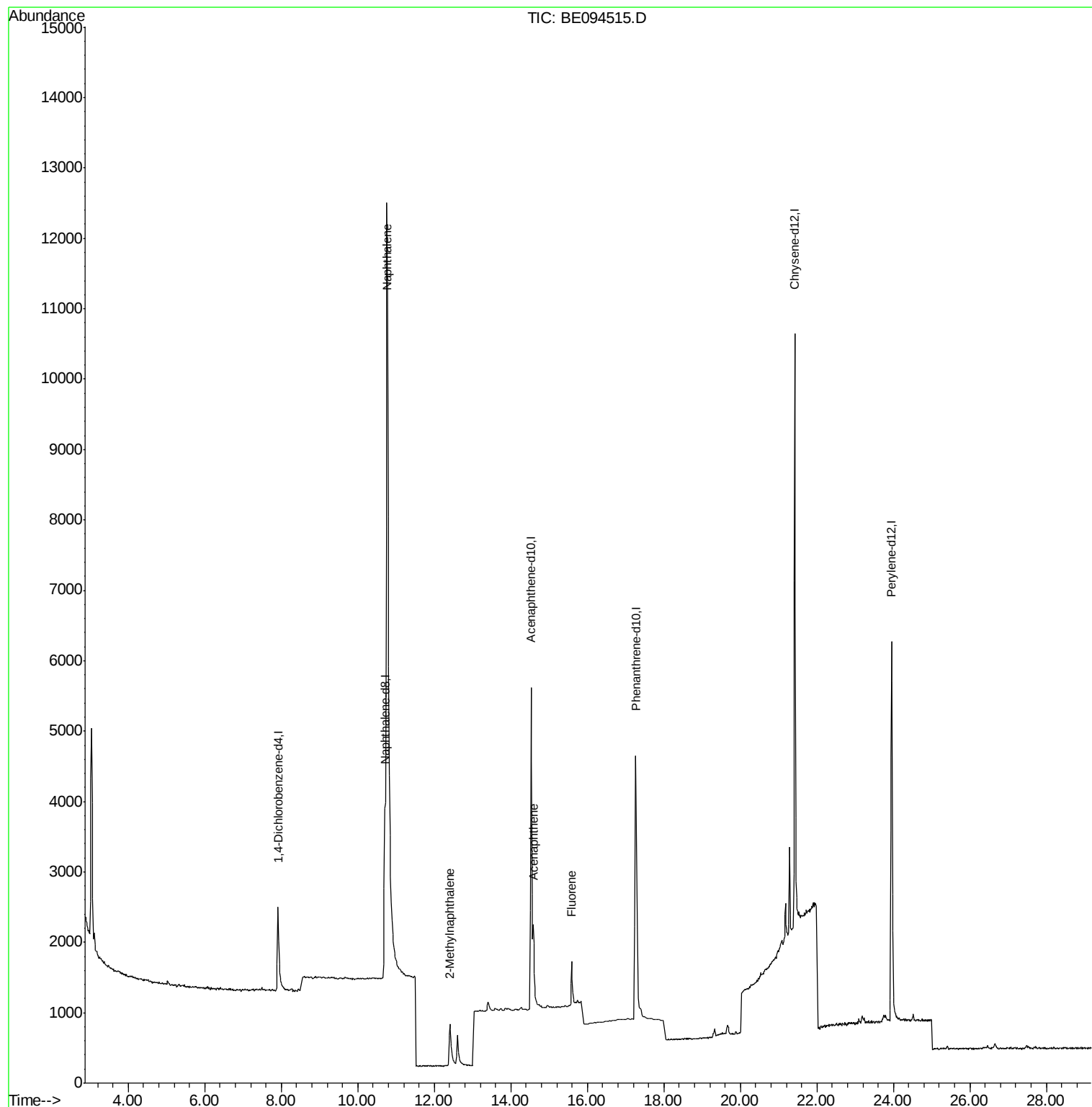
Data Path : Z:\HPCHEM1\BNA E\DATA\BE102417\
Data File : BE094515.D
Acq On : 24 Oct 2017 15:07
Operator : SJ/JU
Sample : I5950-12DL2 500X
Misc :
ALS Vial : 6 Sample Multiplier: 1

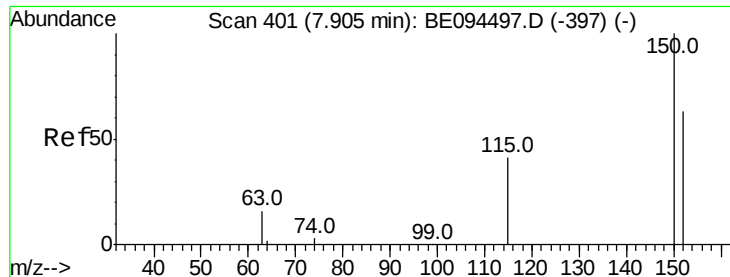
Instrument :
BNA_E
ClientSampleId :
20170725-PA-A-COMP1DL2

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Quant Time: Oct 24 16:58:27 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE102317.M
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QLast Update : Mon Oct 23 22:40:47 2017
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#1

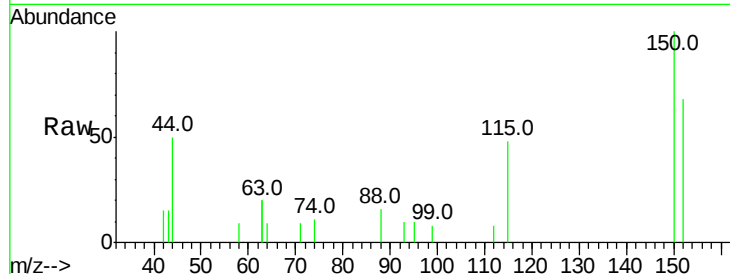
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.92 min Scan# 402
Delta R.T. 0.01 min
Lab File: BE094515.D
Acq: 24 Oct 2017 15:07

Instrument :
BNA_E
ClientSampleId :
20170725-PA-A-COMP1DL2

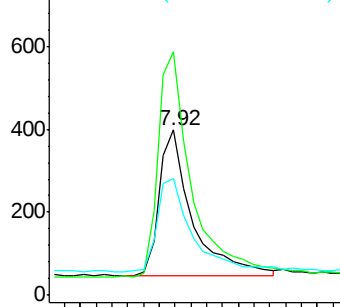
Tot Ion	Ratio	Lower	Upper
152	100		
150	147.5	117.2	175.8
115	70.9	57.0	85.6

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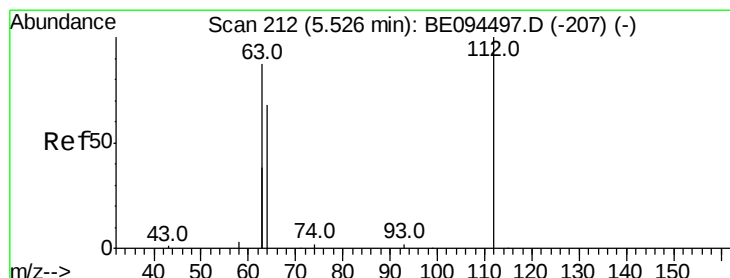
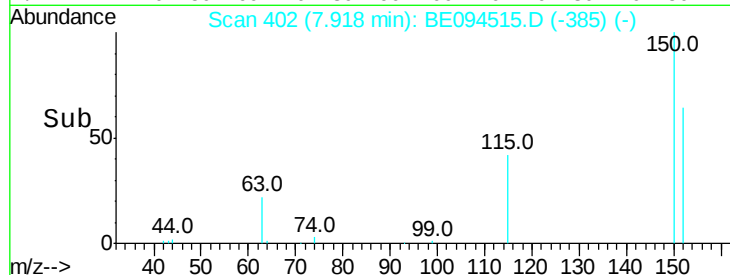
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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



Time-->

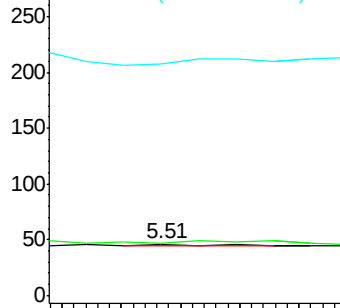


#4

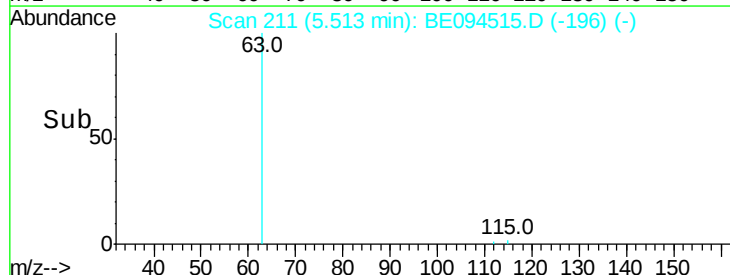
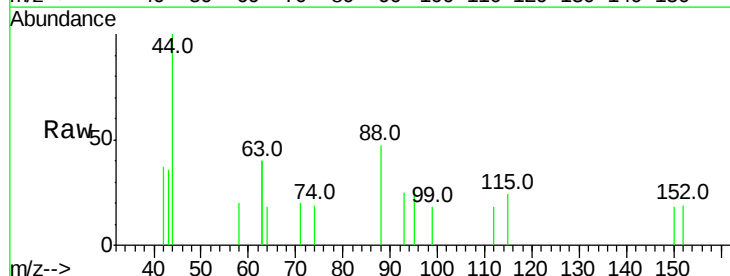
2-Fluorophenol
Concen: 0.001 ng
RT: 5.51 min Scan# 211
Delta R.T. -0.01 min
Lab File: BE094515.D
Acq: 24 Oct 2017 15:07

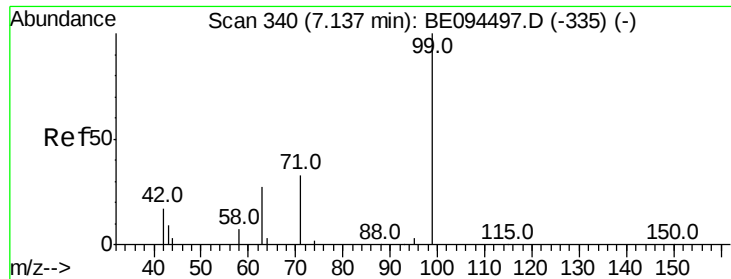
Tgt Ion	Ratio	Lower	Upper
112	100		
64	300.0	60.1	90.1#
63	700.0	116.8	175.2#

Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BE0
Ion 63.00 (62.70 to 63.70): BE0



Time-->





#5

Phenol-d6

Concen: 0.000 ng

RT: 7.16 min Scan# 342

Delta R.T. 0.03 min

Lab File: BE094515.D

Acq: 24 Oct 2017 15:07

Instrument :

BNA_E

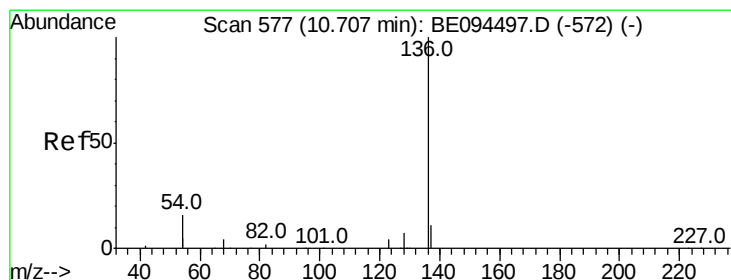
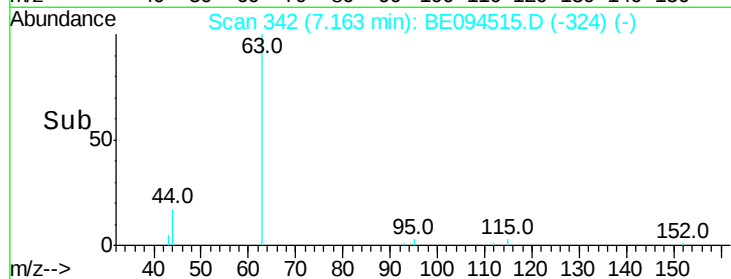
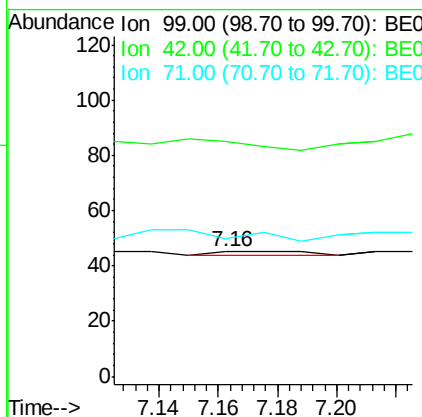
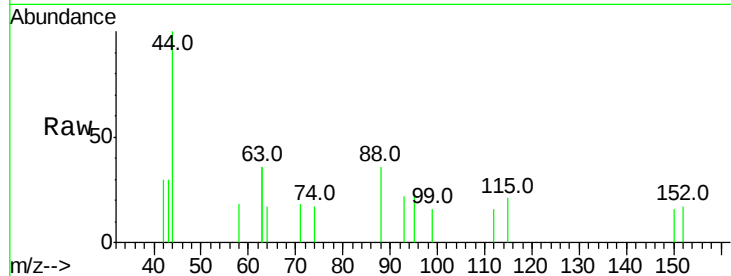
ClientSampleId :

20170725-PA-A-COMP1DL2

Tot Ion	Ratio	Lower	Upper
99	100		
42	0.0	20.2	30.2#
71	0.0	28.4	42.6#

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#7

Naphthalene-d8

Concen: 0.400 ng

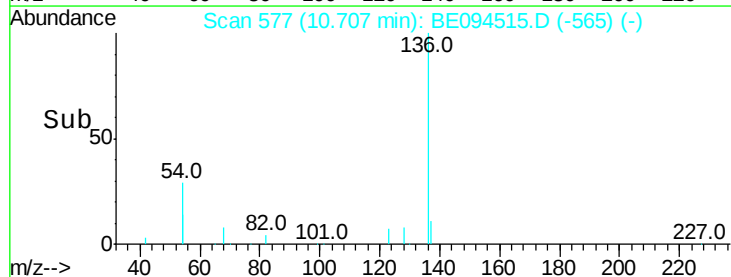
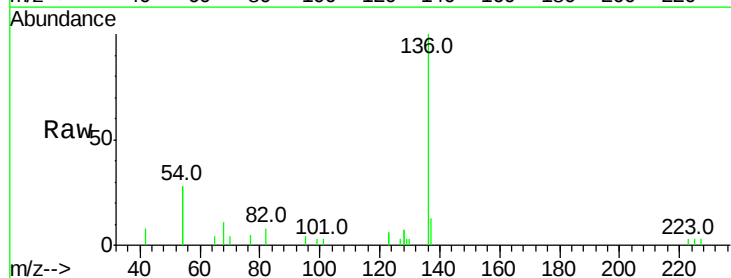
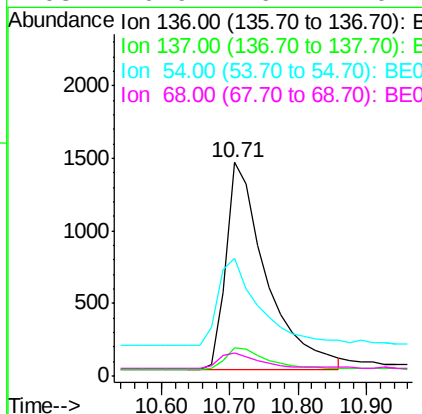
RT: 10.71 min Scan# 577

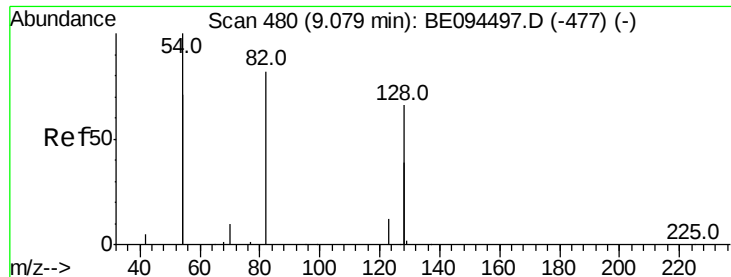
Delta R.T. 0.00 min

Lab File: BE094515.D

Acq: 24 Oct 2017 15:07

Tgt Ion	Ratio	Lower	Upper
136	100		
137	13.5	9.5	14.3
54	55.3	29.1	43.7#
68	10.9	6.2	9.2#





#8

Nitrobenzene-d5

Concen: 0.002 ng

RT: 9.13 min Scan# 483

Delta R.T. 0.05 min

Lab File: BE094515.D

Acq: 24 Oct 2017 15:07

Instrument :

BNA_E

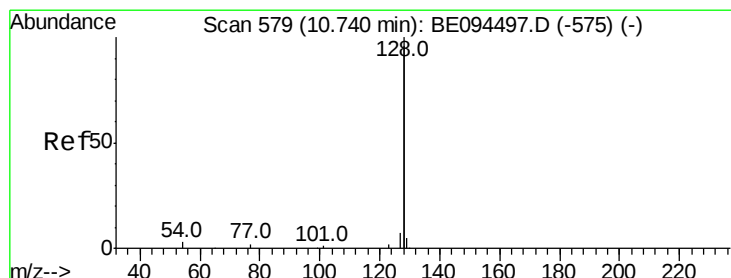
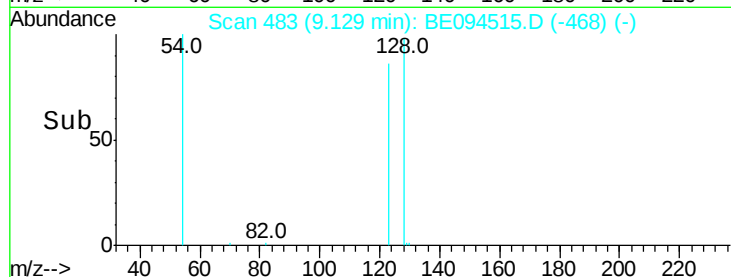
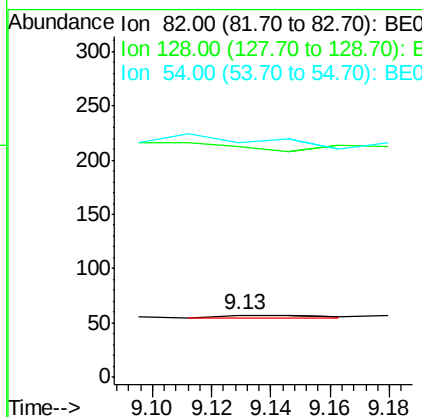
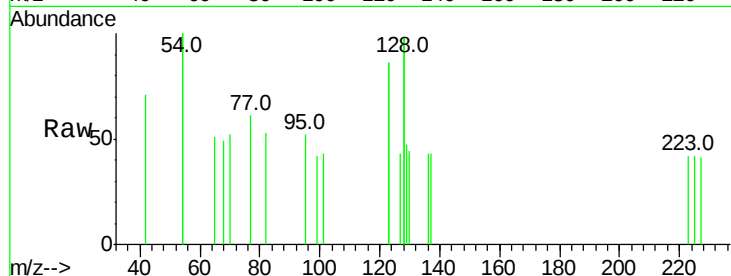
ClientSampleId :

20170725-PA-A-COMP1DL2

Tot Ion	82	Resp:	8
Ion	Ratio	Lower	Upper
82	100		
128	371.9	150.0	225.0#
54	378.9	154.2	231.4#

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#9

Naphthalene

Concen: 0.626 ng m

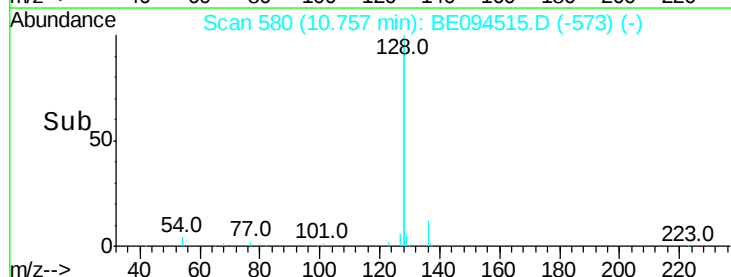
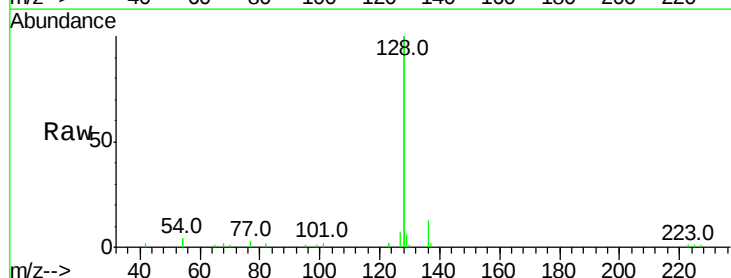
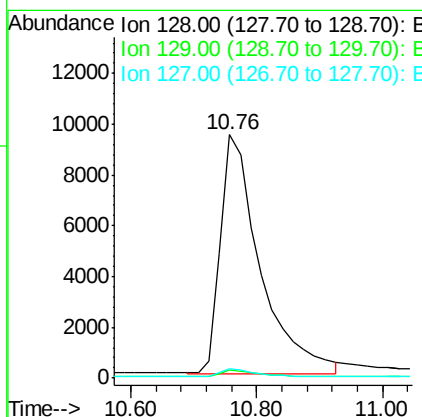
RT: 10.76 min Scan# 580

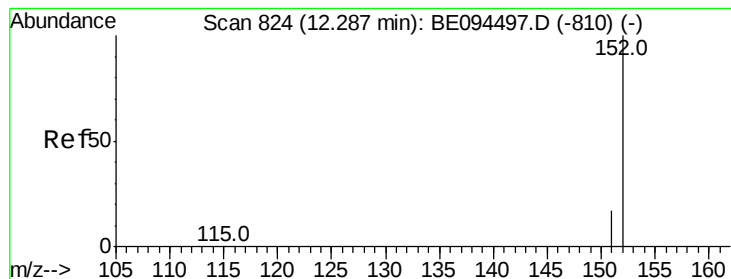
Delta R.T. 0.02 min

Lab File: BE094515.D

Acq: 24 Oct 2017 15:07

Tgt Ion	128	Resp:	41449
Ion	Ratio	Lower	Upper
128	100		
129	6.3	2.6	3.8#
127	7.4	2.8	4.2#





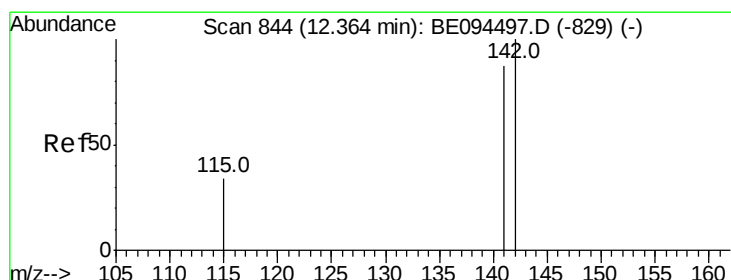
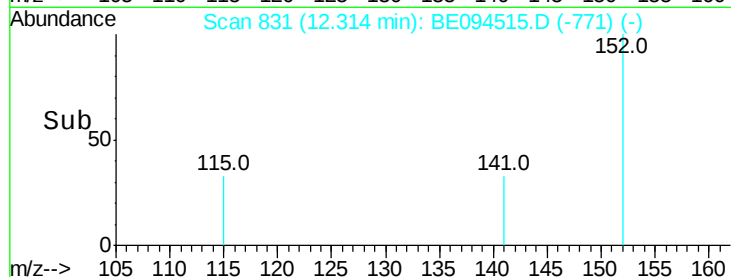
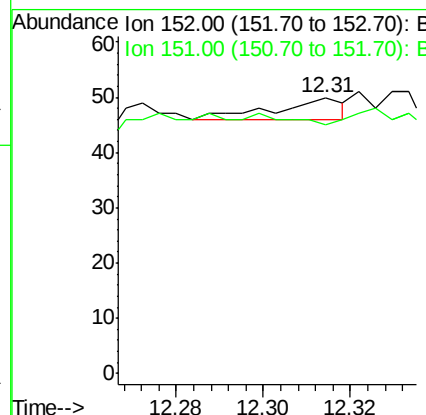
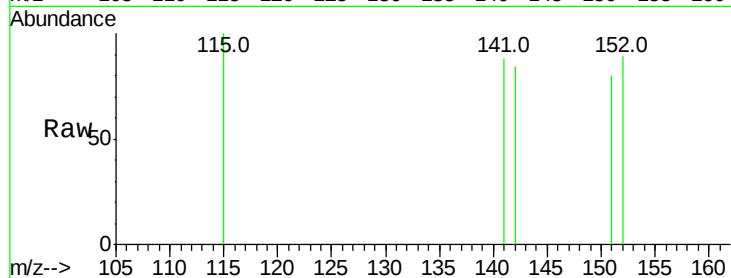
#11
2-Methylnaphthalene-d10
Concen: 0.000 ng
RT: 12.31 min Scan# 831
Delta R.T. 0.03 min
Lab File: BE094515.D
Acq: 24 Oct 2017 15:07

Instrument :
BNA_E
ClientSampleId :
20170725-PA-A-COMP1DL2

Tot Ion:152 Resp: 4
Ion Ratio Lower Upper
152 100
151 25.0 15.4 23.0#

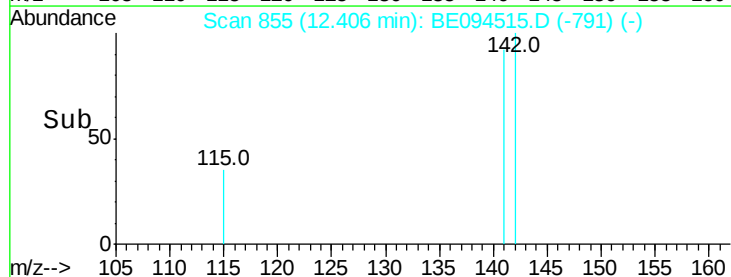
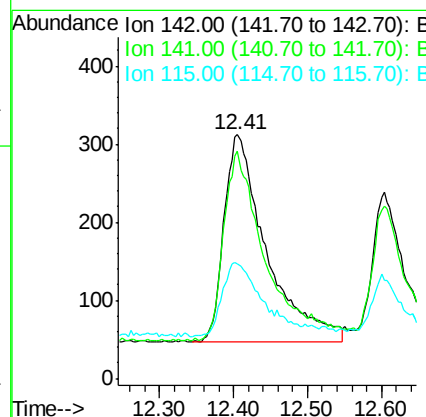
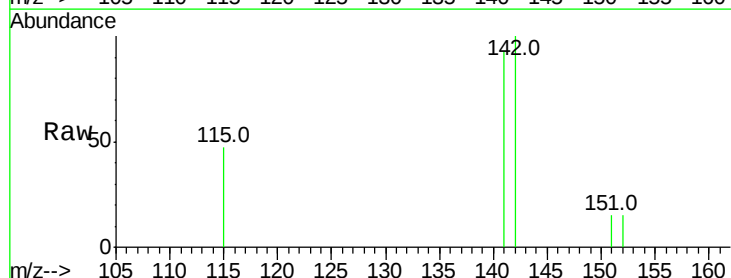
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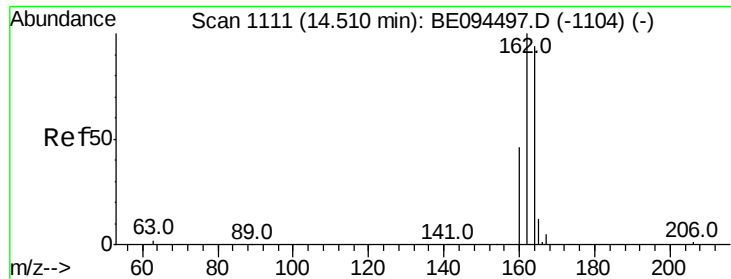
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#12
2-Methylnaphthalene
Concen: 0.094 ng
RT: 12.41 min Scan# 855
Delta R.T. 0.04 min
Lab File: BE094515.D
Acq: 24 Oct 2017 15:07

Tgt Ion:142 Resp: 1053
Ion Ratio Lower Upper
142 100
141 93.3 70.4 105.6
115 47.1 31.7 47.5





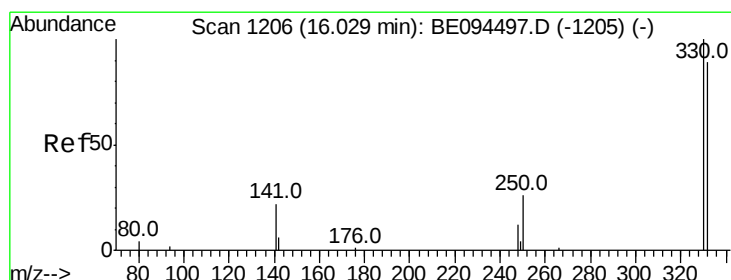
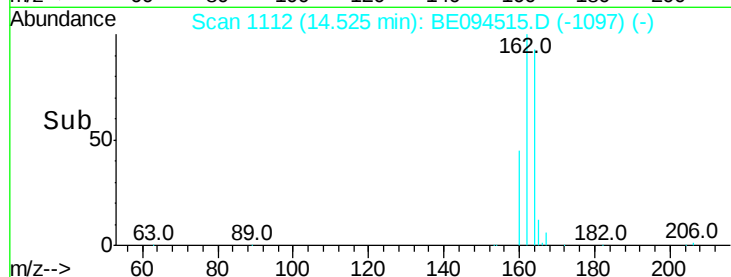
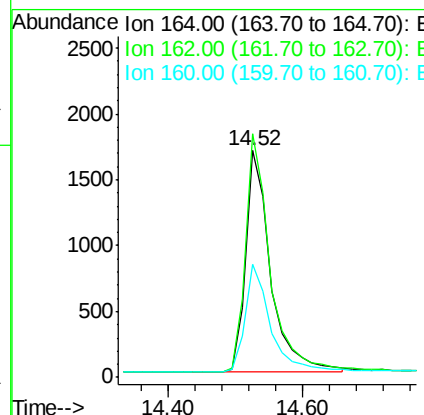
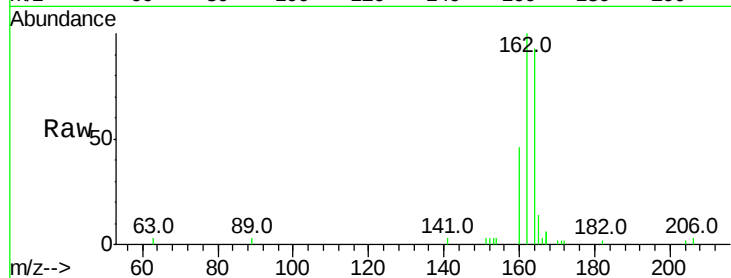
#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.52 min Scan# 1112
 Delta R.T. 0.01 min
 Lab File: BE094515.D
 Acq: 24 Oct 2017 15:07

Instrument :
 BNA_E
 ClientSampleId :
 20170725-PA-A-COMP1DL2

Tot Ion	Ratio	Lower	Upper
164	100		
162	107.4	83.1	124.7
160	49.9	37.1	55.7

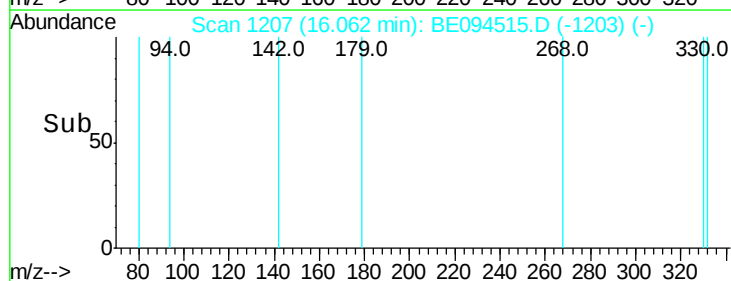
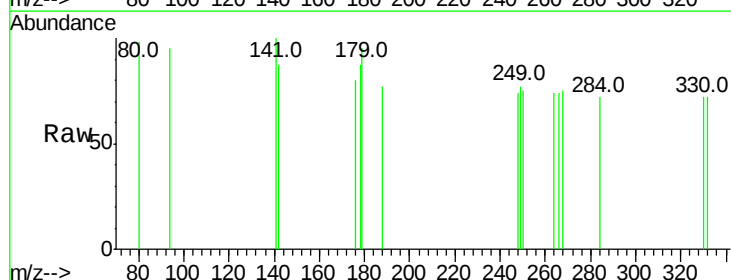
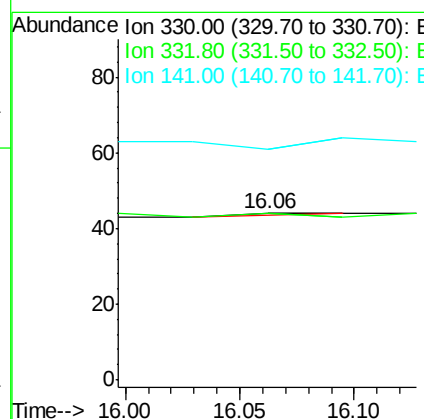
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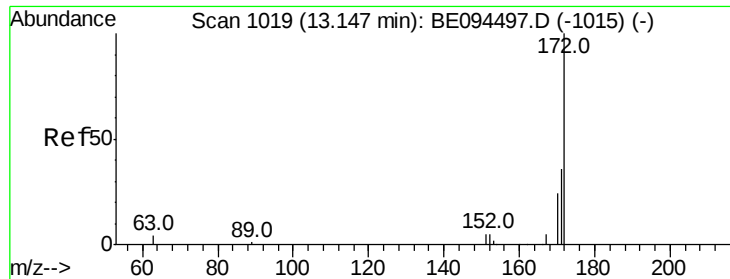
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#14
 2,4,6-Tribromophenol
 Concen: 0.002 ng
 RT: 16.06 min Scan# 1207
 Delta R.T. 0.03 min
 Lab File: BE094515.D
 Acq: 24 Oct 2017 15:07

Tgt Ion	Ratio	Lower	Upper
330	100		
332	100.0	152.7	229.1#
141	0.0	33.7	50.5#





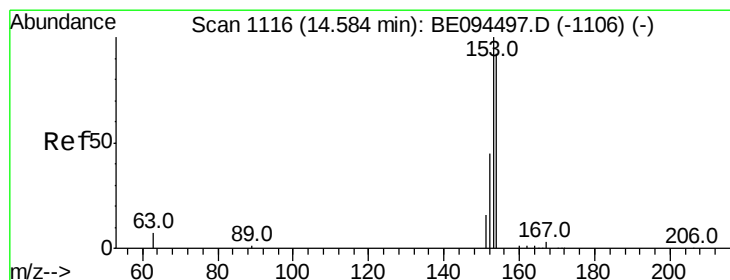
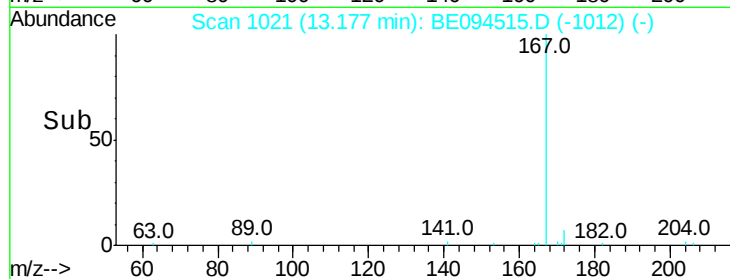
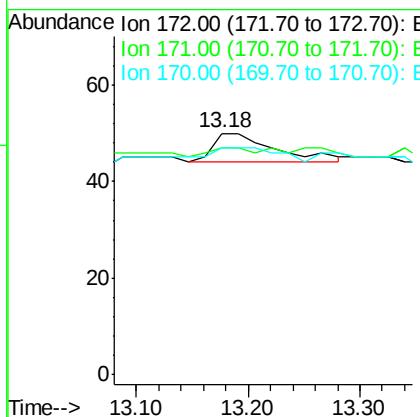
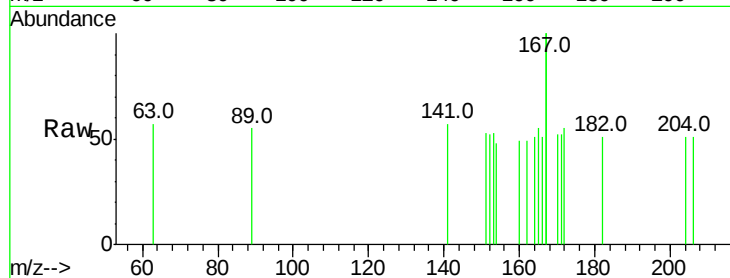
#15
2-Fluorobiphenyl
Concen: 0.002 ng
RT: 13.18 min Scan# 1021
Delta R.T. 0.03 min
Lab File: BE094515.D
Acq: 24 Oct 2017 15:07

Instrument :
BNA_E
ClientSampleId :
20170725-PA-A-COMP1DL2

Tot Ion:172 Resp: 23
Ion Ratio Lower Upper
172 100
171 94.0 29.9 44.9#
170 94.0 21.8 32.8#

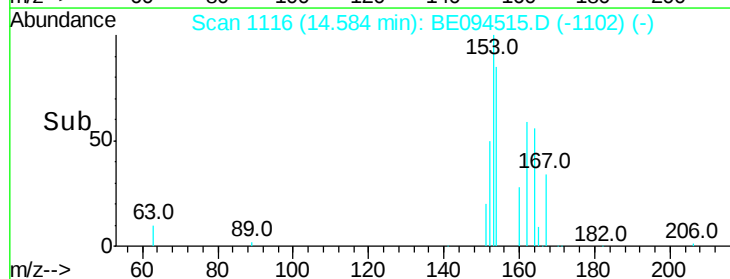
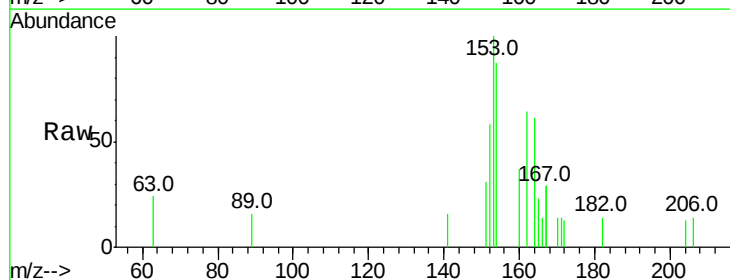
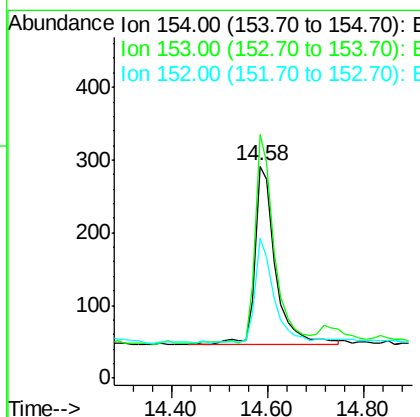
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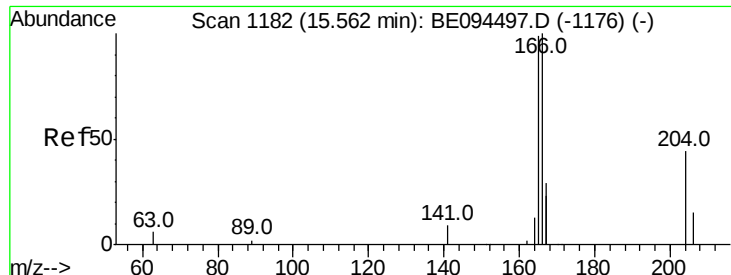
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#17
Acenaphthene
Concen: 0.050 ng
RT: 14.58 min Scan# 1116
Delta R.T. 0.00 min
Lab File: BE094515.D
Acq: 24 Oct 2017 15:07

Tgt Ion:154 Resp: 736
Ion Ratio Lower Upper
154 100
153 106.4 89.2 133.8
152 51.1 42.0 63.0





#18

Fluorene

Concen: 0.031 ng

RT: 15.59 min Scan# 1184

Delta R.T. 0.03 min

Lab File: BE094515.D

Acq: 24 Oct 2017 15:07

Instrument :

BNA_E

ClientSampleId :

20170725-PA-A-COMP1DL2

Tot Ion:166 Resp: 575

Ion Ratio Lower Upper

166 100

165 104.3 77.8 116.6

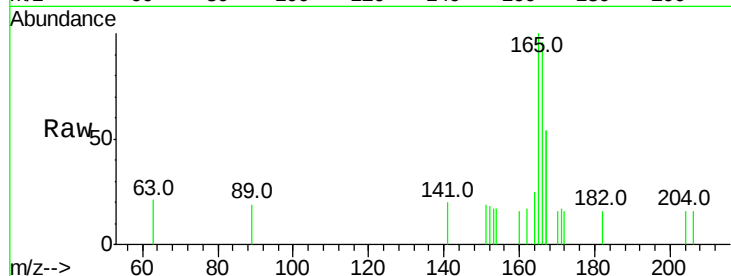
167 61.2 42.4 63.6

Manual Integrations

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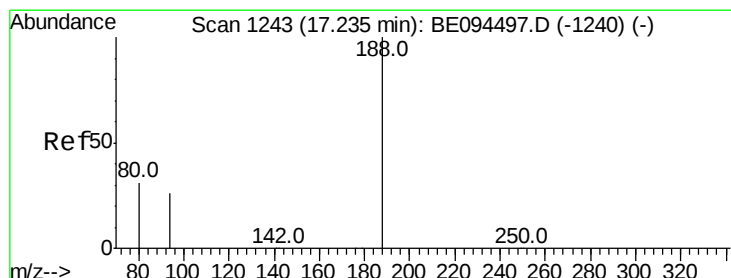
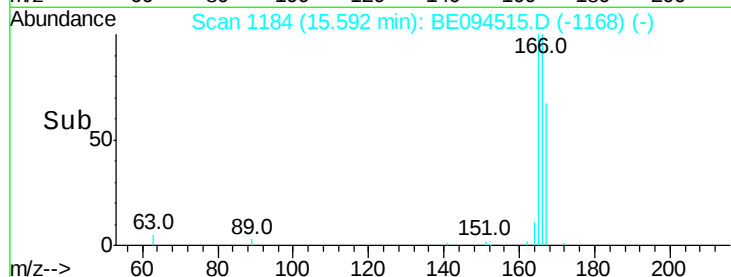
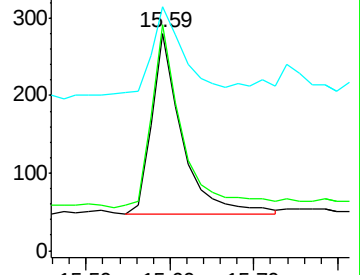
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Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.27 min Scan# 1244

Delta R.T. 0.03 min

Lab File: BE094515.D

Acq: 24 Oct 2017 15:07

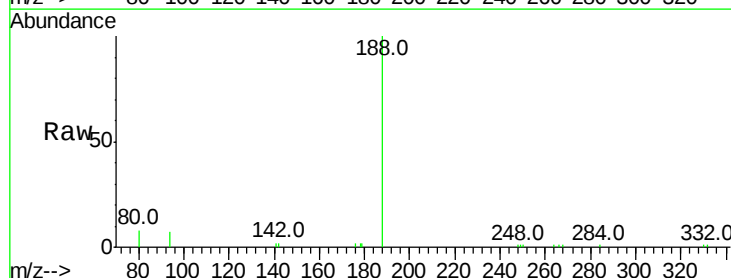
Tgt Ion:188 Resp: 9178

Ion Ratio Lower Upper

188 100

94 7.5 3.9 5.9#

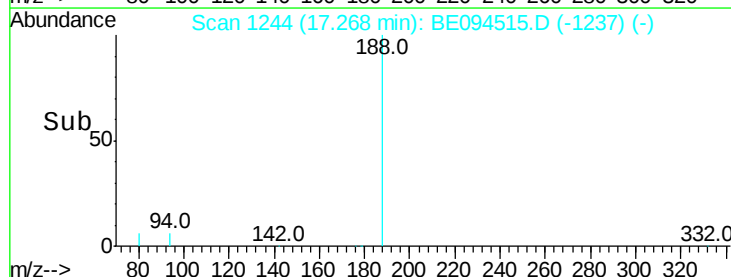
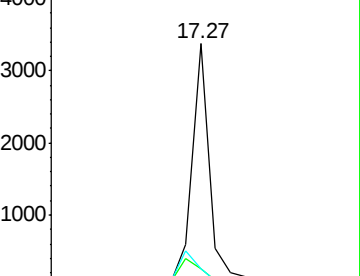
80 7.7 3.6 5.4#

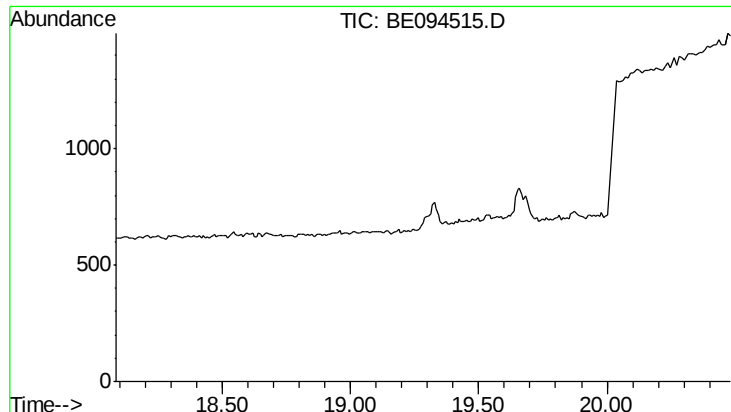


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0





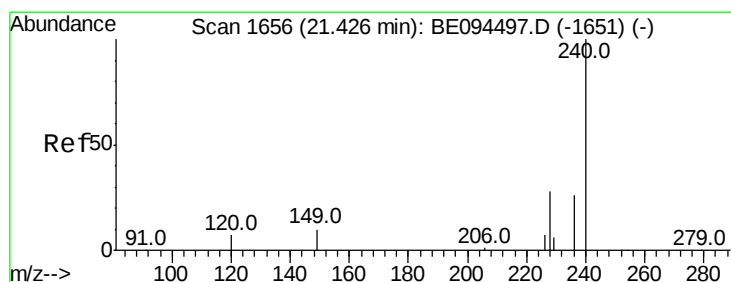
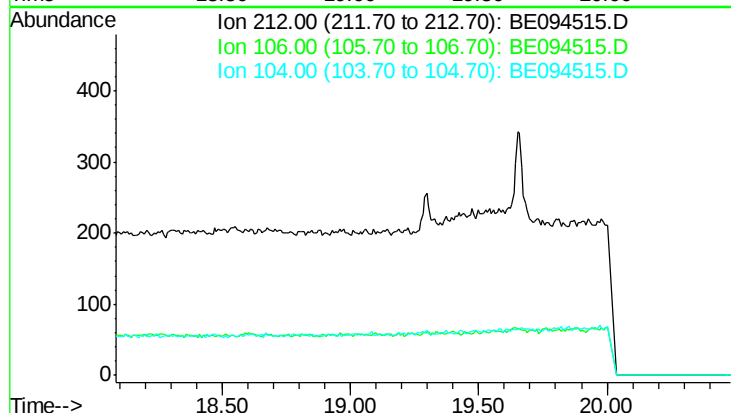
#25
 Fluoranthene-d10
 Concen: 0.000 ng
 Expected RT: 19.28 min
 Lab File: BE094515.D
 Acq: 24 Oct 2017 15:07

Instrument :
 BNA_E
 ClientSampleId :
 20170725-PA-A-COMP1DL2

Tot Ion: 212
 Sig Exp Ratio
 212 100
 106 3.5
 104 2.0

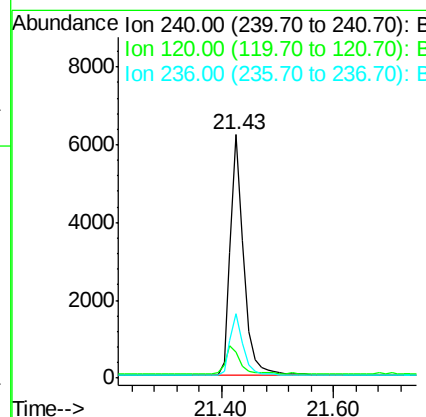
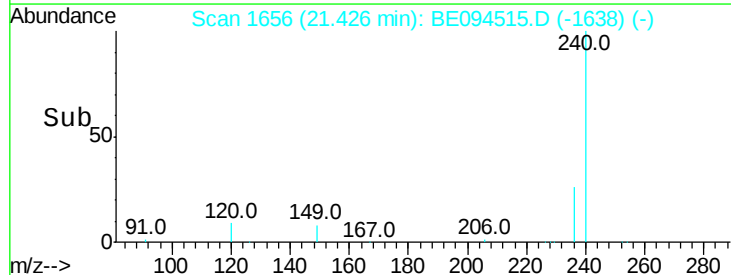
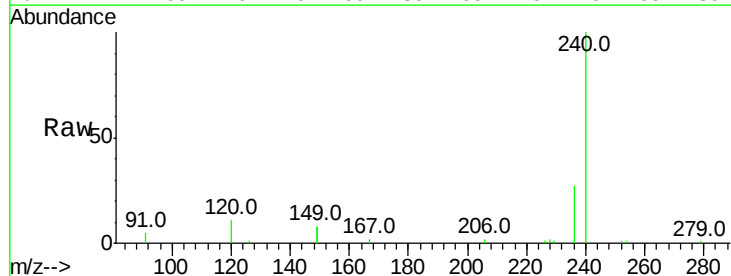
Manual Integrations
 APPROVED

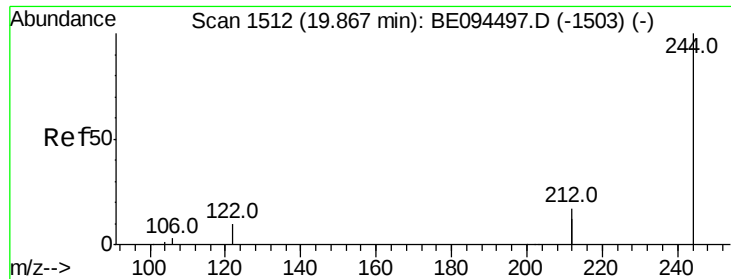
Sohil
 10/25/2017 6:24:08 PM



#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.43 min Scan# 1656
 Delta R.T. -0.00 min
 Lab File: BE094515.D
 Acq: 24 Oct 2017 15:07

Tgt Ion: 240 Resp: 10343
 Ion Ratio Lower Upper
 240 100
 120 10.6 5.5 8.3#
 236 26.7 20.7 31.1





#29

Terphenyl-d14

Concen: 0.003 ng

RT: 19.87 min Scan# 1513

Delta R.T. 0.01 min

Lab File: BE094515.D

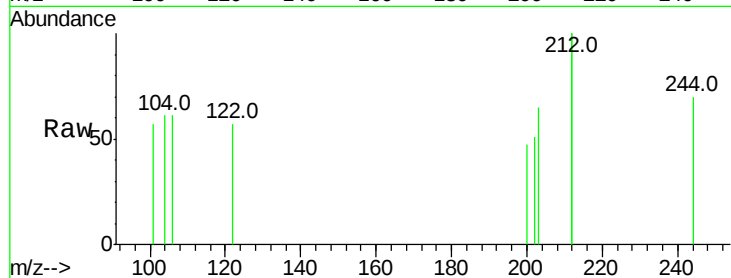
Acq: 24 Oct 2017 15:07

Instrument :

BNA_E

ClientSampleId :

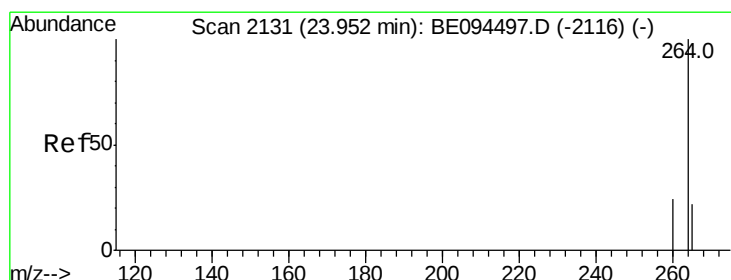
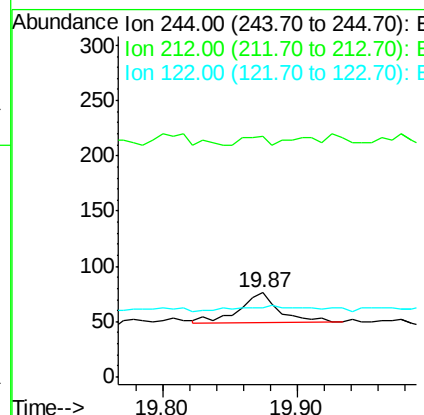
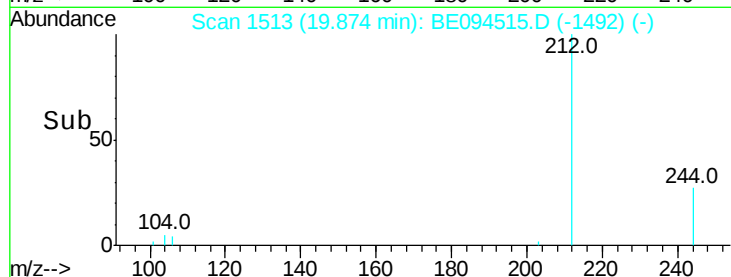
20170725-PA-A-COMP1DL2



Tot Ion:244	Resp:	54
Ion Ratio	Lower	Upper
244	100	
212	286.8	25.4 38.0#
122	81.6	8.1 12.1#

Manual Integrations
APPROVED

Sohil
10/25/2017 6:24:08 PM



#34

Perylene-d12

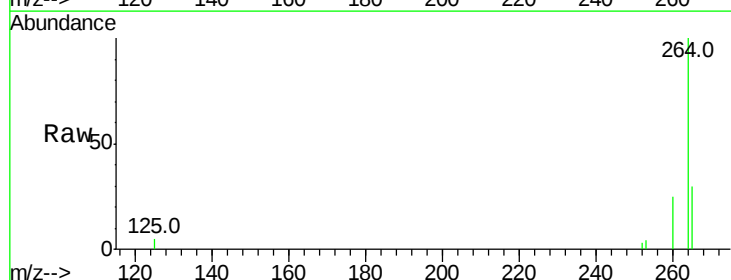
Concen: 0.400 ng

RT: 23.95 min Scan# 2131

Delta R.T. 0.00 min

Lab File: BE094515.D

Acq: 24 Oct 2017 15:07



Tgt Ion:264	Resp:	10041
Ion Ratio	Lower	Upper
264	100	
260	25.2	20.5 30.7
265	29.6	22.8 34.2

