

Data Path : Z:\HPCHEM1\BNA E\Data\BE051917\
 Data File : BE093062.D
 Acq On : 19 May 2017 15:53
 Operator : SJ/MA
 Sample : I3174-05
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: May 19 18:03:11 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE051517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 15 13:35:57 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	684	0.40	ng	0.00
7) Naphthalene-d8	10.53	136	2761	0.40	ng	0.00
13) Acenaphthene-d10	14.39	164	1281	0.40	ng	0.00
19) Phenanthrene-d10	17.13	188	3914	0.40	ng	0.00
27) Chrysene-d12	21.28	240	3913	0.40	ng	0.00
34) Perylene-d12	23.69	264	3612	0.40	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.35	112	271	0.13	ng	0.00
5) Phenol-d6	6.92	99	216	0.08	ng	0.00
8) Nitrobenzene-d5	8.88	82	791	0.33	ng	0.00
11) 2-Methylnaphthalene-d10	12.12	152	1192	0.29	ng	0.00
14) 2,4,6-Tribromophenol	15.88	330	138	0.36	ng	0.00
15) 2-Fluorobiphenyl	13.01	172	1909	0.36	ng	0.00
25) Fluoranthene-d10	19.14	212	3496	0.34	ng	0.00
29) Terphenyl-d14	19.74	244	2952	0.40	ng	0.00

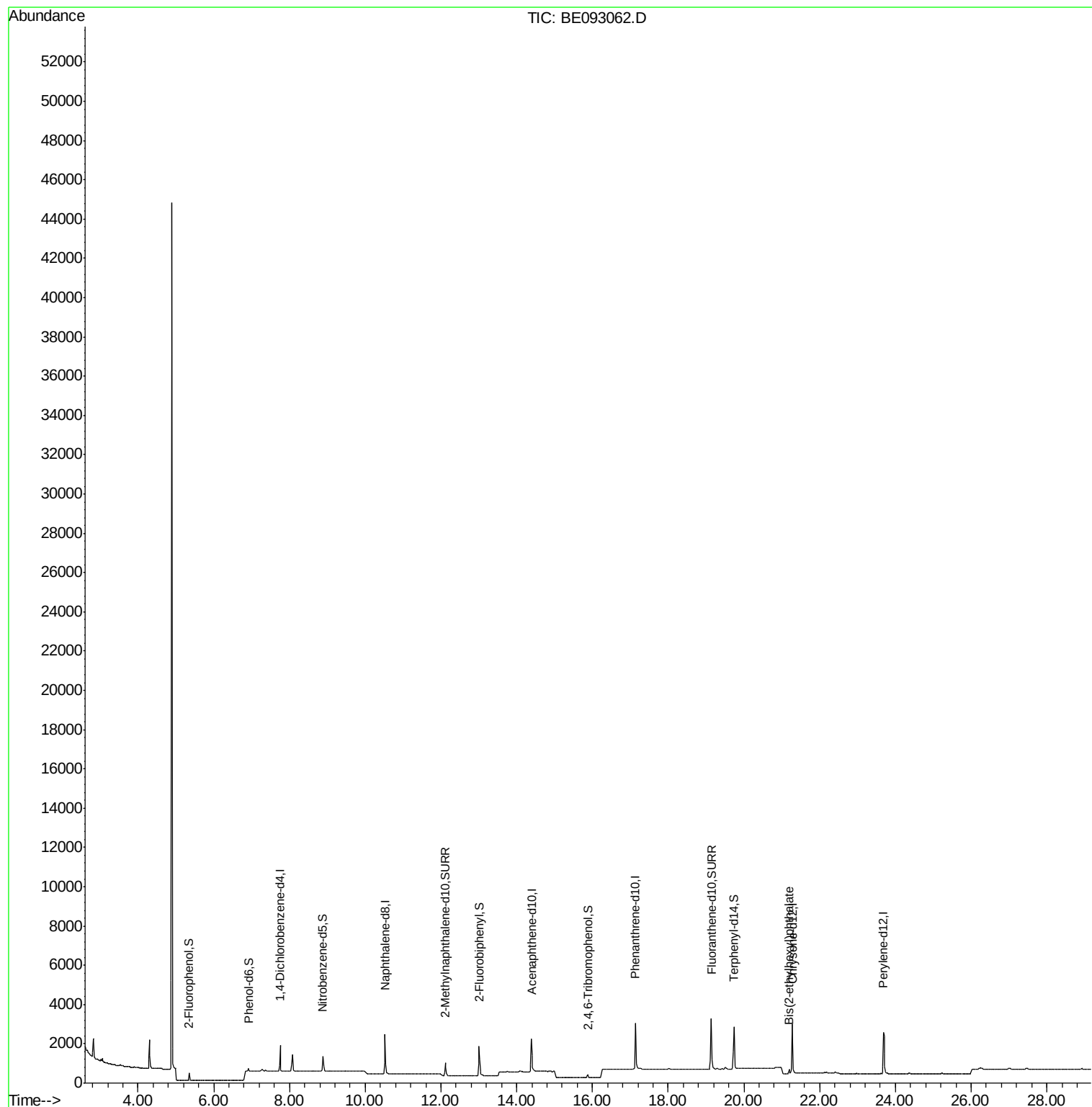
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.31	88	24	Below Cal	#	20
21) Hexachlorobenzene	16.47	284	2	Below Cal	#	100
22) Pentachlorophenol	16.82	266	9	Below Cal	#	82
23) Phenanthrene	17.16	178	54	Below Cal	#	81
24) Anthracene	17.28	178	5	Below Cal	#	61
32) Bis(2-ethylhexyl)phthalate	21.20	149	260	0.11	ng	97

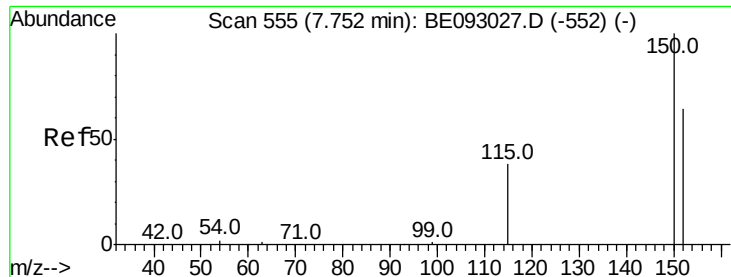
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA E\Data\BE051917\
Data File : BE093062.D
Acq On : 19 May 2017 15:53
Operator : SJ/MA
Sample : I3174-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: May 19 18:03:11 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE051517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 15 13:35:57 2017
Response via : Initial Calibration



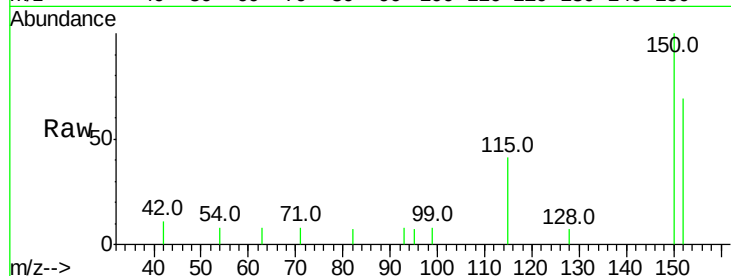


#1

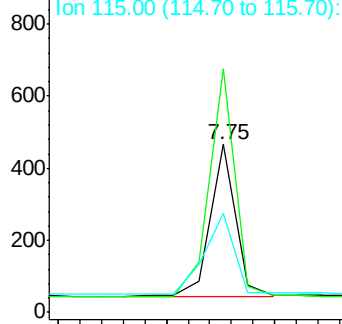
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.75 min Scan# 555
Delta R.T. 0.00 min
Lab File: BE093062.D
Acq: 19 May 2017 15:53

Instrument :
BNA_E
ClientSampleId :

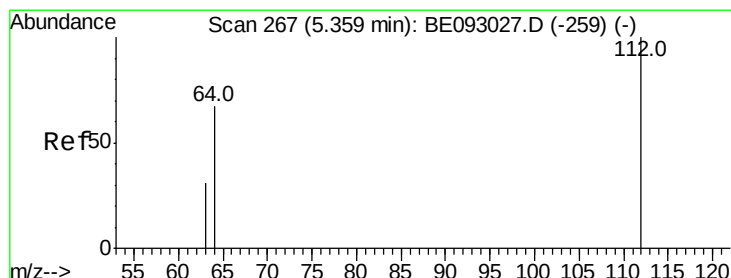
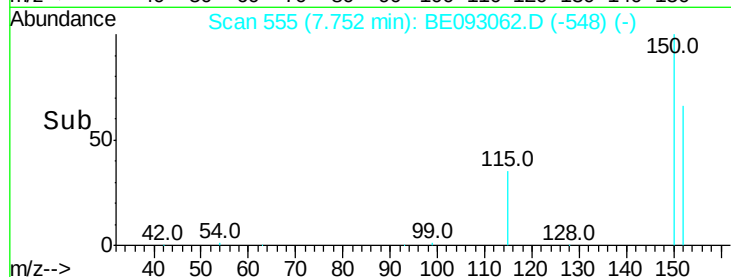
Tot Ion:152 Resp: 684
Ion Ratio Lower Upper
152 100
150 145.4 125.1 187.7
115 59.4 55.7 83.5



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



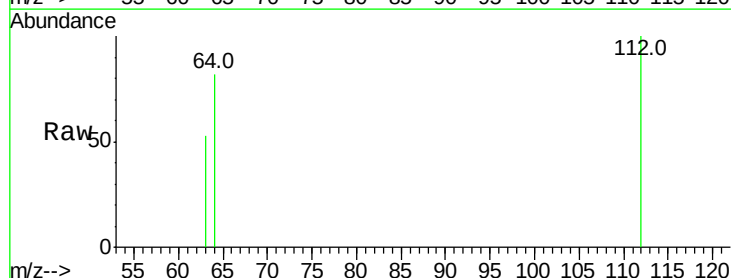
Time-->



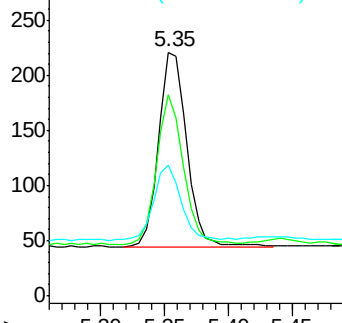
#4

2-Fluorophenol
Concen: 0.13 ng
RT: 5.35 min Scan# 266
Delta R.T. -0.01 min
Lab File: BE093062.D
Acq: 19 May 2017 15:53

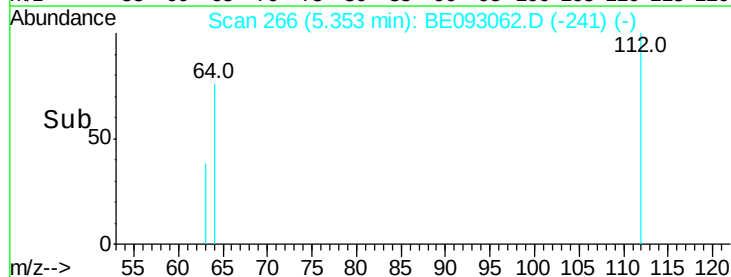
Tgt Ion:112 Resp: 271
Ion Ratio Lower Upper
112 100
64 71.6 56.4 84.6
63 37.6 29.3 43.9

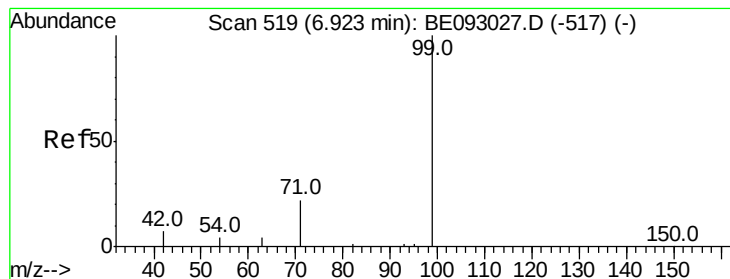


Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BE0
Ion 63.00 (62.70 to 63.70): BE0



Time-->





#5

Phenol-d6

Concen: 0.08 ng

RT: 6.92 min Scan# 519

Delta R.T. 0.00 min

Lab File: BE093062.D

Acq: 19 May 2017 15:53

Instrument :

BNA_E

ClientSampleId :

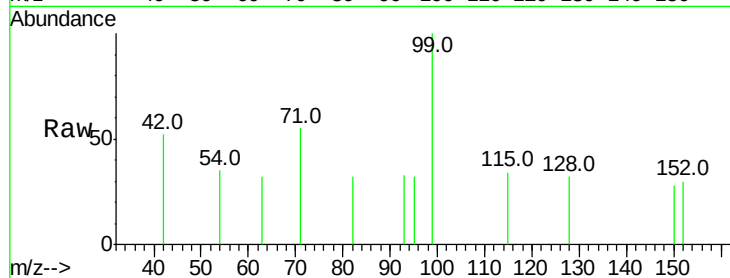
Tot Ion: 99 Resp: 216

Ion Ratio Lower Upper

99 100

42 0.0 0.0 0.0

71 0.0 0.0 0.0



Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0

6.92

150

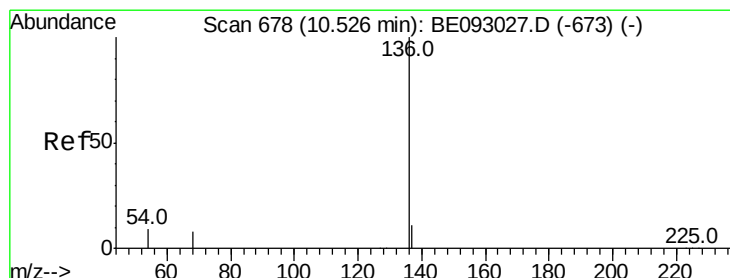
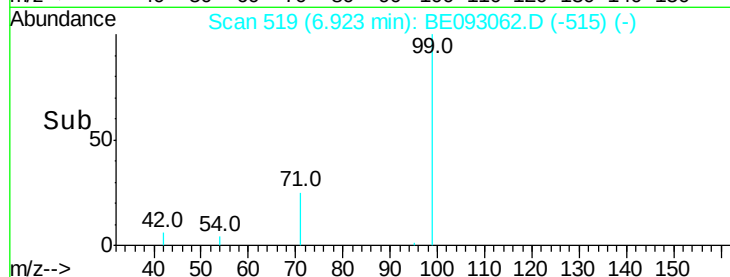
100

50

0

6.90 7.00

Time-->



#7

Naphthalene-d8

Concen: 0.40 ng

RT: 10.53 min Scan# 678

Delta R.T. 0.00 min

Lab File: BE093062.D

Acq: 19 May 2017 15:53

Tgt Ion: 136 Resp: 2761

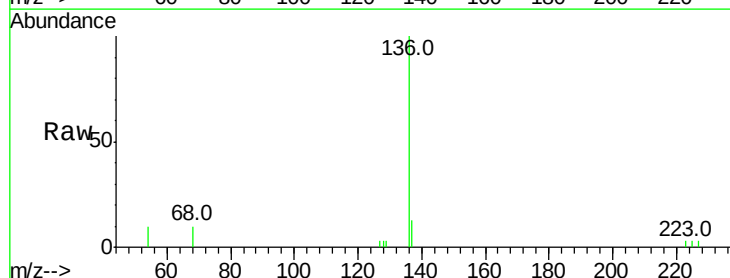
Ion Ratio Lower Upper

136 100

137 13.1 9.8 14.8

54 10.1 10.3 15.5#

68 9.5 9.0 13.4



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

10.53

2500

2000

1500

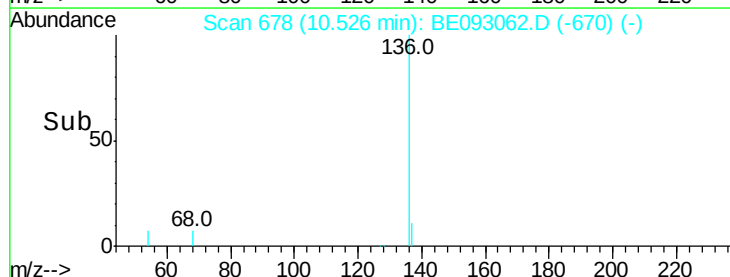
1000

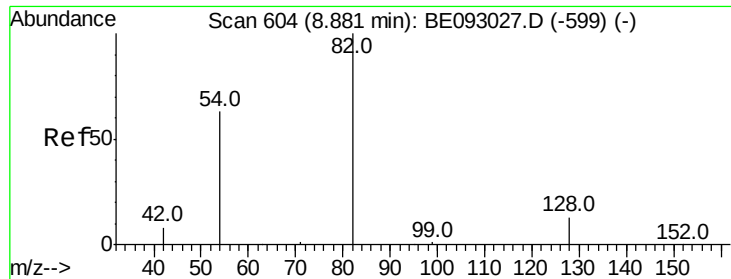
500

0

10.40 10.50 10.60

Time-->





#8

Nitrobenzene-d5

Concen: 0.33 ng

RT: 8.88 min Scan# 604

Delta R.T. 0.00 min

Lab File: BE093062.D

Acq: 19 May 2017 15:53

Instrument :

BNA_E

ClientSampleId :

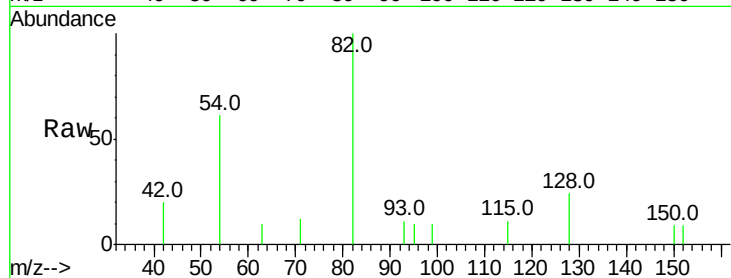
Tot Ion: 82 Resp: 791

Ion Ratio Lower Upper

82 100

128 24.2 17.0 25.4

54 61.3 53.8 80.6

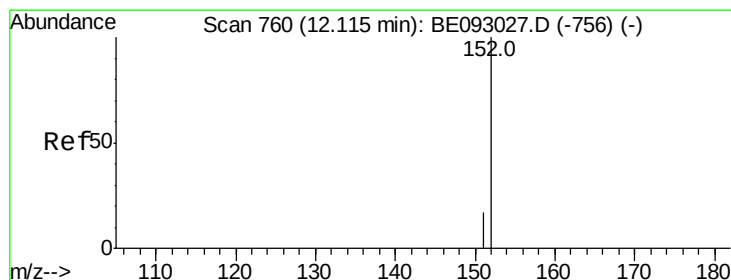
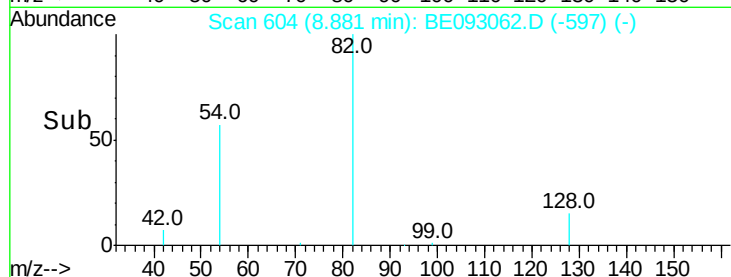


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): BE0

Ion 54.00 (53.70 to 54.70): BE0

Time-->



#11

2-Methylnaphthalene-d10

Concen: 0.29 ng

RT: 12.12 min Scan# 760

Delta R.T. 0.00 min

Lab File: BE093062.D

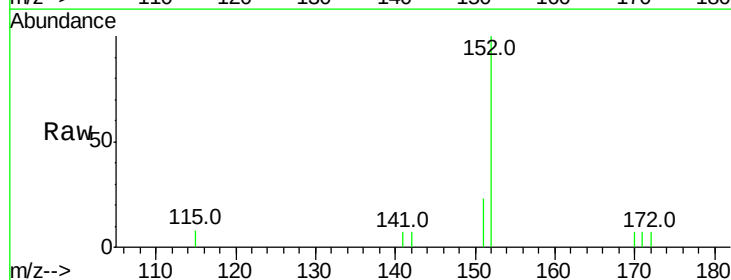
Acq: 19 May 2017 15:53

Tgt Ion: 152 Resp: 1192

Ion Ratio Lower Upper

152 100

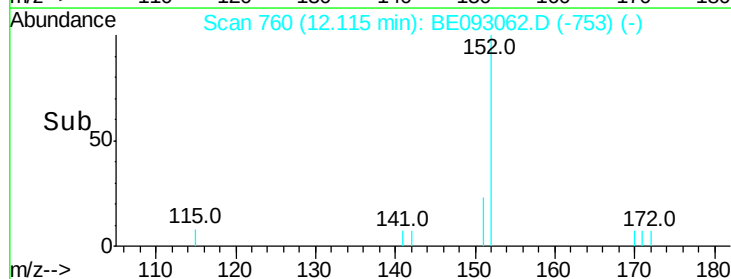
151 18.8 15.1 22.7

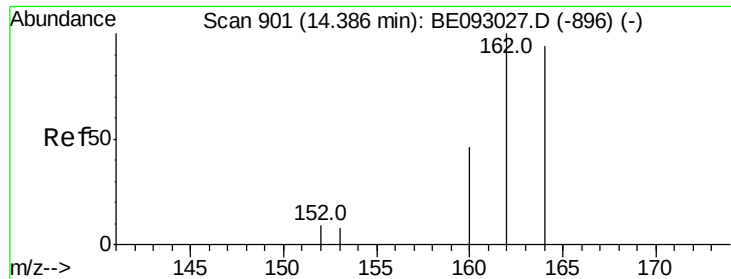


Abundance Ion 152.00 (151.70 to 152.70): BE0

Ion 151.00 (150.70 to 151.70): BE0

Time-->

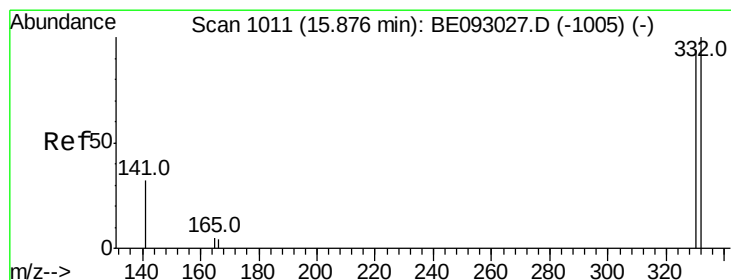
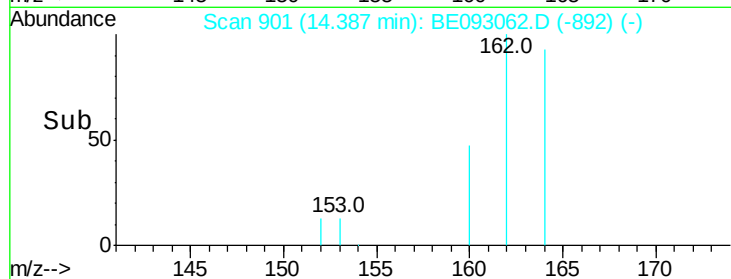
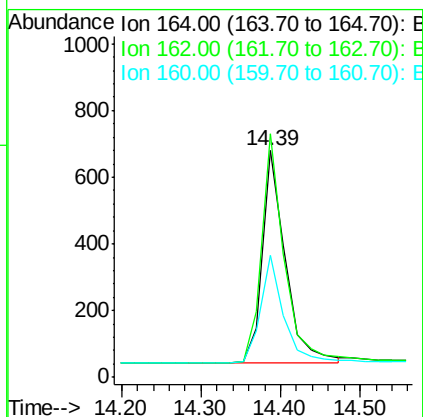
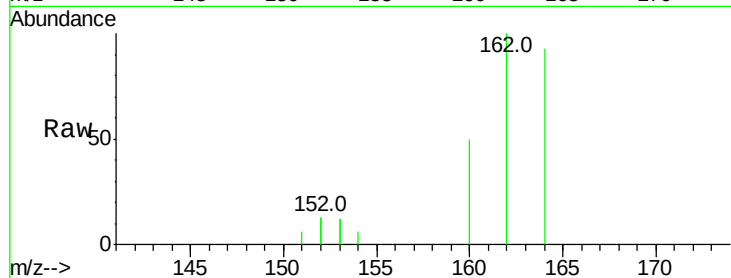




#13
 Acenaphthene-d10
 Concen: 0.40 ng
 RT: 14.39 min Scan# 901
 Delta R.T. 0.00 min
 Lab File: BE093062.D
 Acq: 19 May 2017 15:53

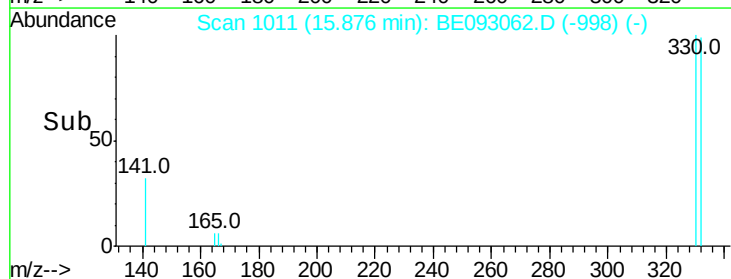
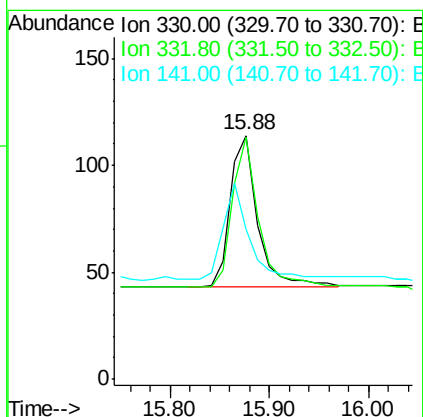
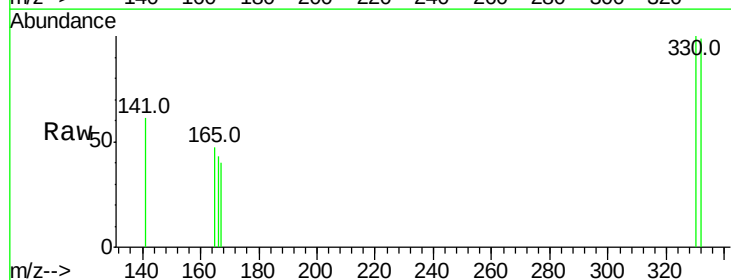
Instrument :
 BNA_E
 ClientSampled :

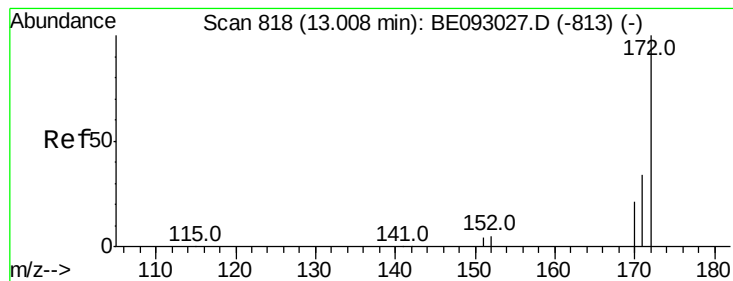
Tot Ion:164 Resp: 1281
 Ion Ratio Lower Upper
 164 100
 162 107.4 84.6 127.0
 160 53.8 41.8 62.6



#14
 2,4,6-Tribromophenol
 Concen: 0.36 ng
 RT: 15.88 min Scan# 1011
 Delta R.T. -0.00 min
 Lab File: BE093062.D
 Acq: 19 May 2017 15:53

Tgt Ion:330 Resp: 138
 Ion Ratio Lower Upper
 330 100
 332 94.2 77.7 116.5
 141 57.2 56.2 84.4



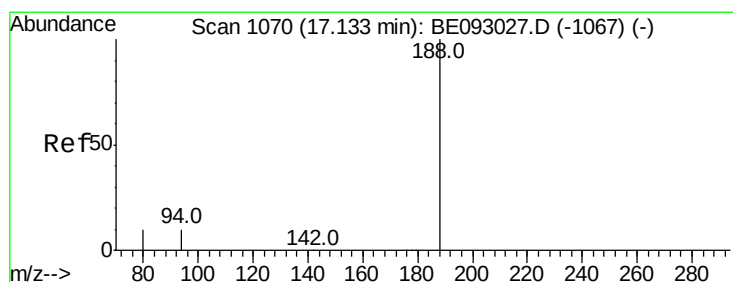
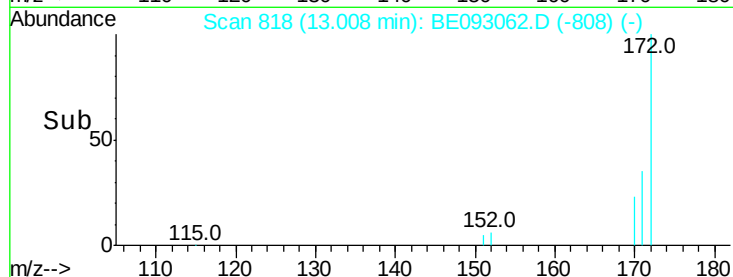
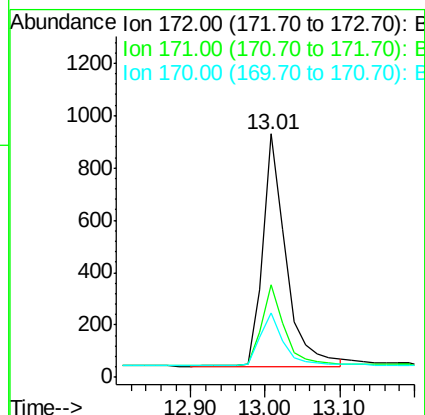
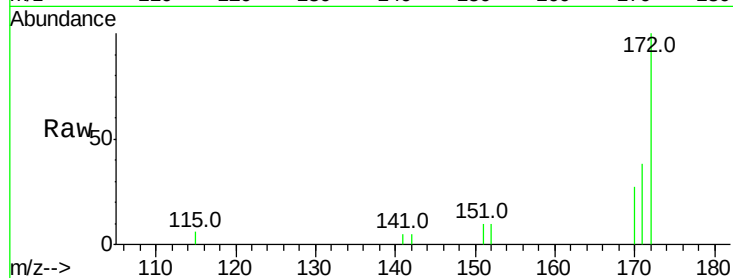


#15
 2-Fluorobiphenyl
 Concen: 0.36 ng
 RT: 13.01 min Scan# 818
 Delta R.T. 0.00 min
 Lab File: BE093062.D
 Acq: 19 May 2017 15:53

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:172 Resp: 1909

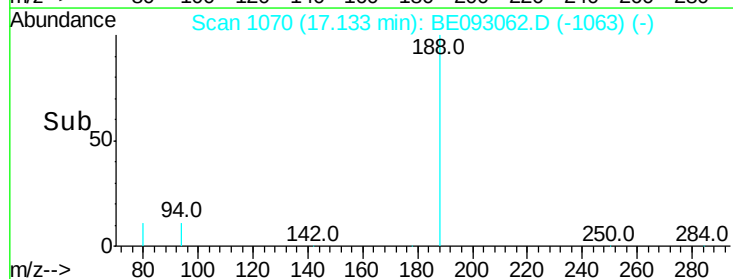
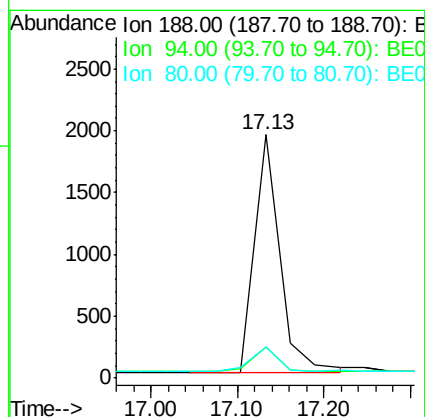
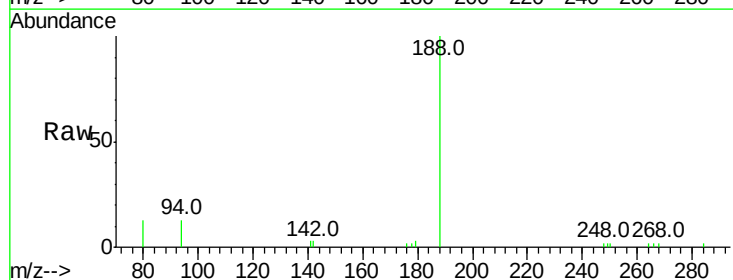
Ion	Ratio	Lower	Upper
172	100		
171	37.8	29.8	44.6
170	26.6	20.7	31.1

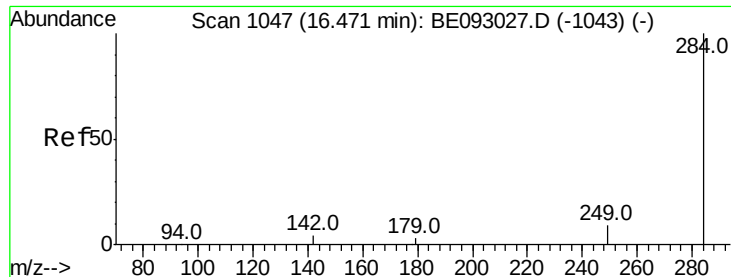


#19
 Phenanthrene-d10
 Concen: 0.40 ng
 RT: 17.13 min Scan# 1070
 Delta R.T. -0.00 min
 Lab File: BE093062.D
 Acq: 19 May 2017 15:53

Tgt Ion:188 Resp: 3914

Ion	Ratio	Lower	Upper
188	100		
94	12.9	11.3	16.9
80	13.0	11.7	17.5

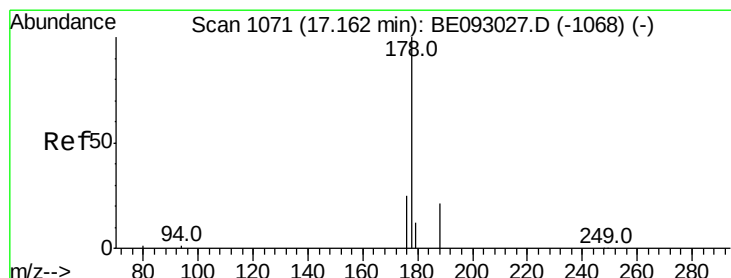
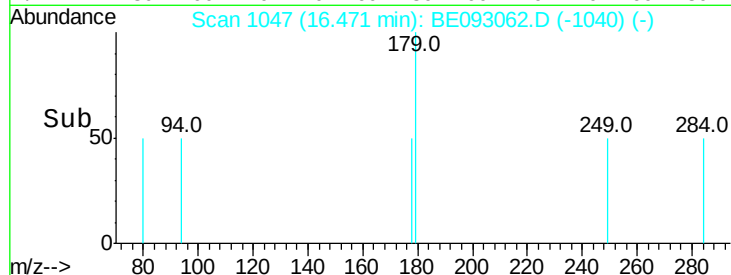
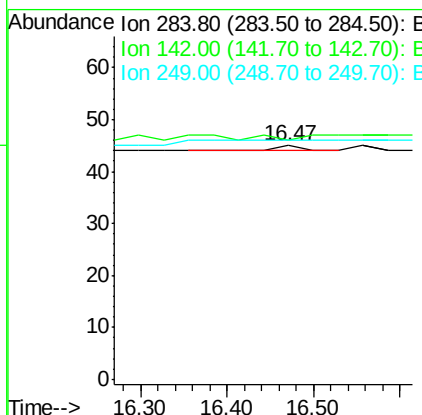
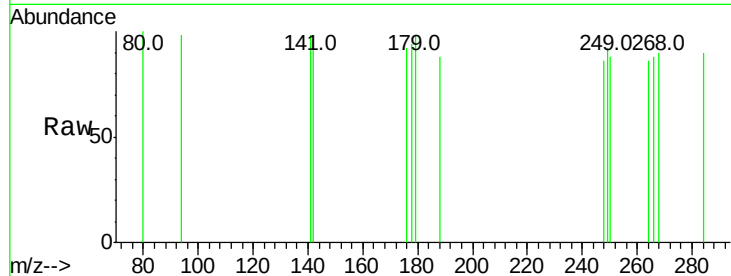




#21
Hexachlorobenzene
Concen: Below Cal
RT: 16.47 min Scan# 1047
Delta R.T. -0.00 min
Lab File: BE093062.D
Acq: 19 May 2017 15:53

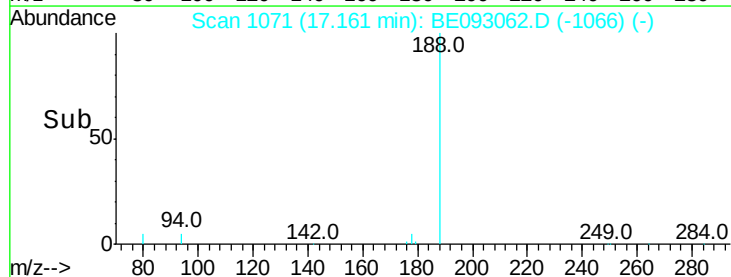
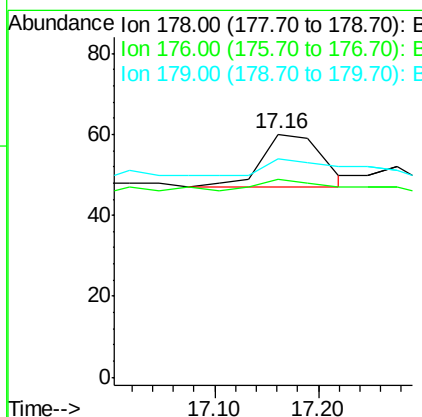
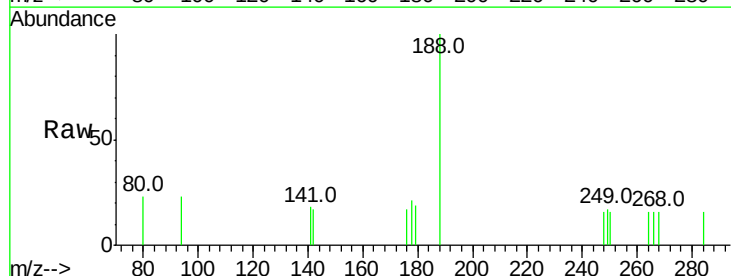
Instrument :
BNA_E
ClientSampleId :

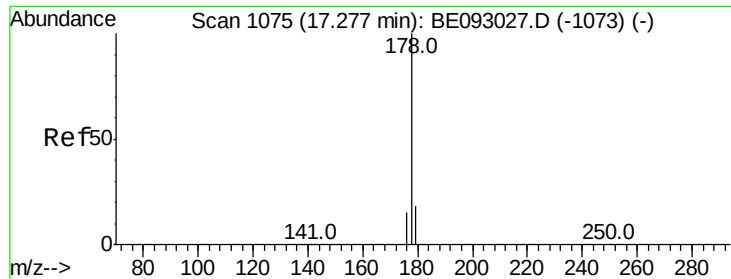
Tot Ion	Ratio	Lower	Upper
284	100		
142	0.0	0.0	0.0
249	0.0	0.0	0.0



#23
Phenanthrene
Concen: Below Cal
RT: 17.16 min Scan# 1071
Delta R.T. 0.00 min
Lab File: BE093062.D
Acq: 19 May 2017 15:53

Tgt Ion	Ratio	Lower	Upper
178	100		
176	22.2	15.0	22.4
179	29.6	12.7	19.1





#24

Anthracene

Concen: Below Cal

RT: 17.28 min Scan# 1075

Delta R.T. 0.00 min

Lab File: BE093062.D

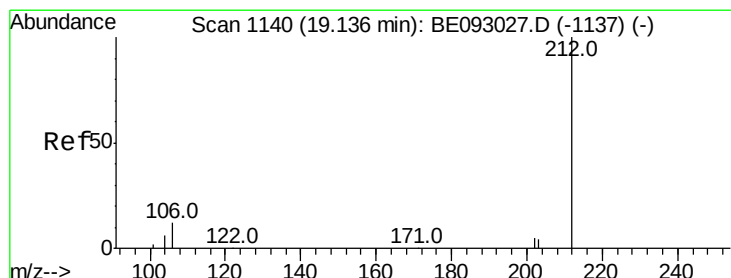
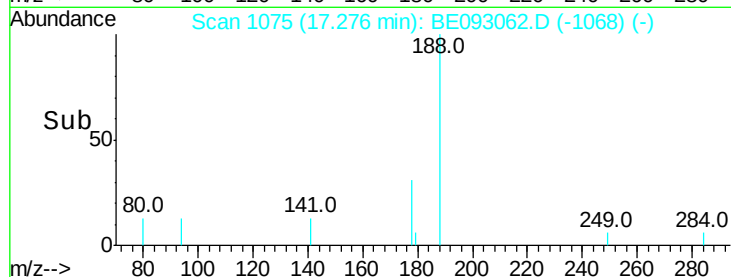
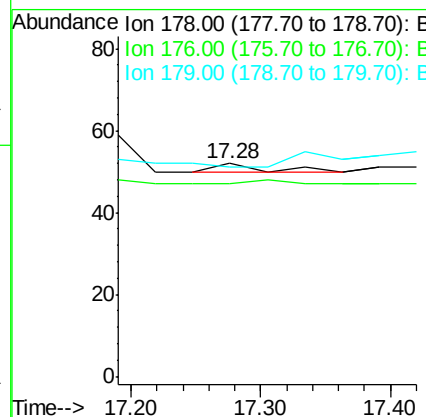
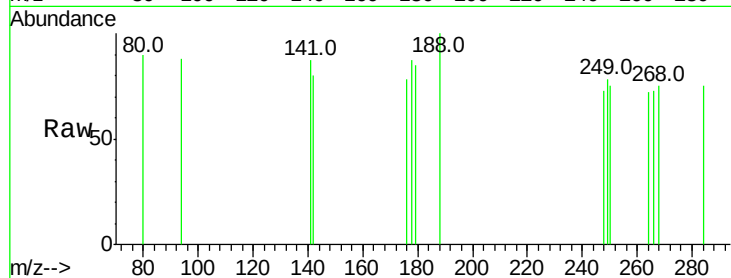
Acq: 19 May 2017 15:53

Instrument :

BNA_E

ClientSampleId :

Tot Ion	178	Resp:	5
Ion	Ratio	Lower	Upper
178	100		
176	0.0	14.6	22.0#
179	0.0	12.0	18.0#



#25

Fluoranthene-d10

Concen: 0.34 ng

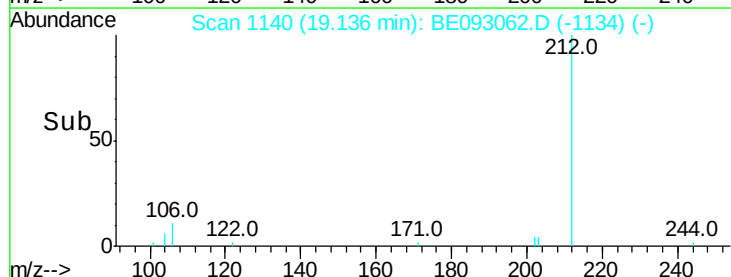
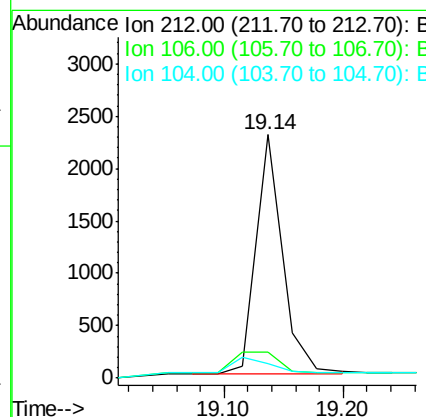
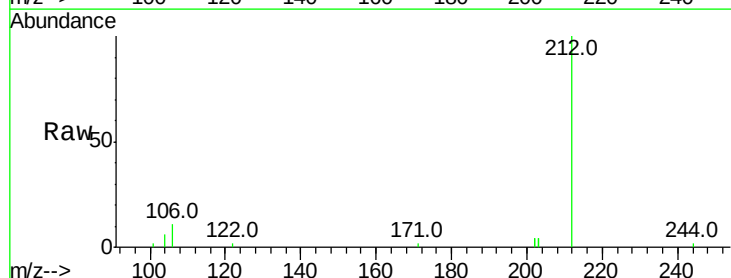
RT: 19.14 min Scan# 1140

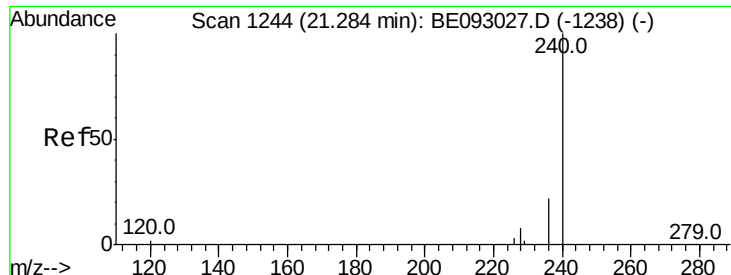
Delta R.T. 0.00 min

Lab File: BE093062.D

Acq: 19 May 2017 15:53

Tgt Ion	212	Resp: Lower	3496 Upper
212	100		
106	15.7	0.0	0.0#
104	0.0	0.0	0.0

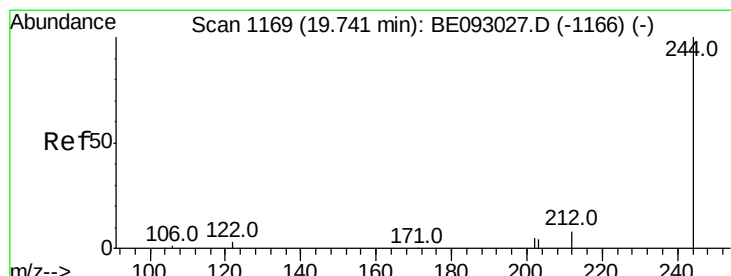
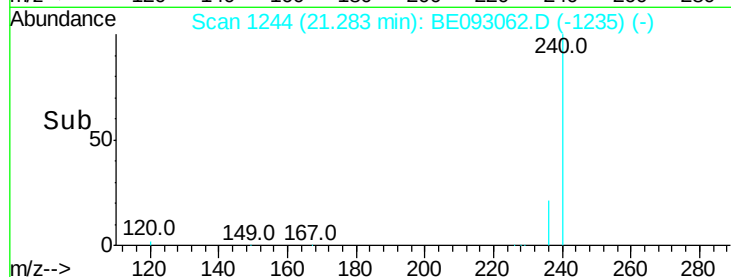
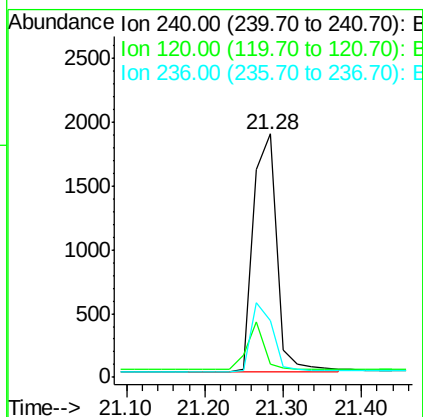
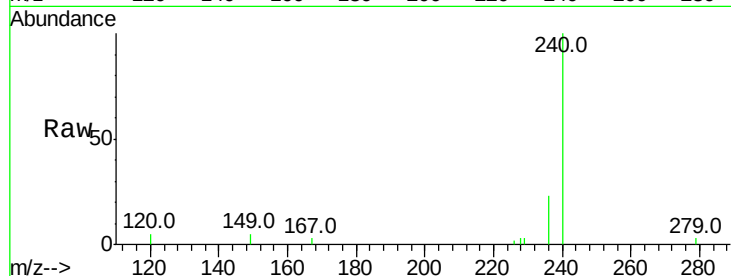




#27
Chrysene-d12
Concen: 0.40 ng
RT: 21.28 min Scan# 1244
Delta R.T. -0.00 min
Lab File: BE093062.D
Acq: 19 May 2017 15:53

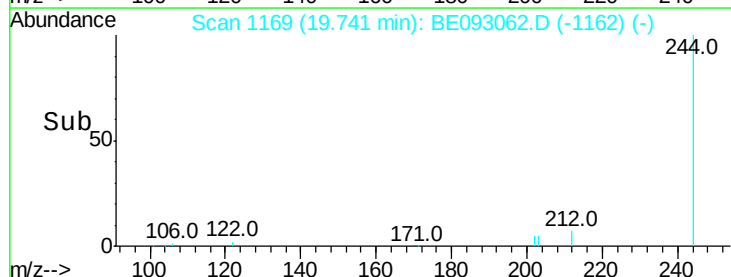
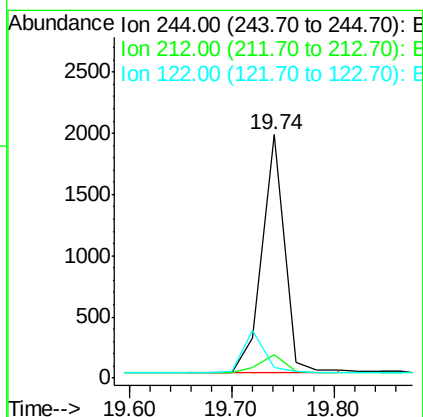
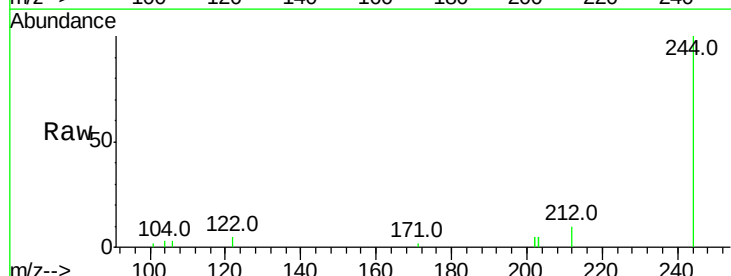
Instrument :
BNA_E
ClientSampleId :

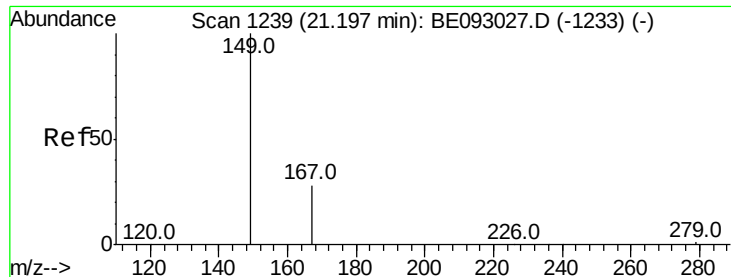
Tot Ion:240 Resp: 3913
Ion Ratio Lower Upper
240 100
120 5.2 4.6 7.0
236 23.4 20.8 31.2



#29
Terphenyl-d14
Concen: 0.40 ng
RT: 19.74 min Scan# 1169
Delta R.T. 0.00 min
Lab File: BE093062.D
Acq: 19 May 2017 15:53

Tgt Ion:244 Resp: 2952
Ion Ratio Lower Upper
244 100
212 9.5 10.6 16.0#
122 4.6 15.4 23.0#





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.11 ng

RT: 21.20 min Scan# 1239

Delta R.T. -0.00 min

Lab File: BE093062.D

Acq: 19 May 2017 15:53

Instrument :

BNA_E

ClientSampleId :

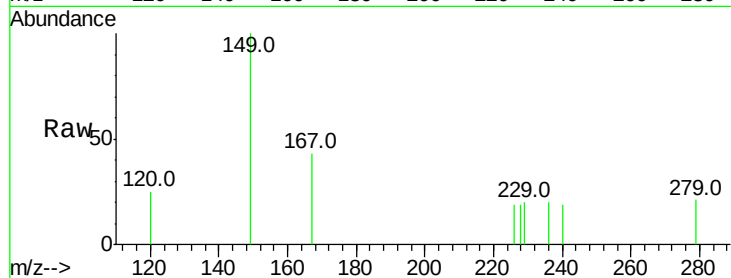
Tot Ion:149 Resp: 260

Ion Ratio Lower Upper

149 100

167 26.9 20.1 30.1

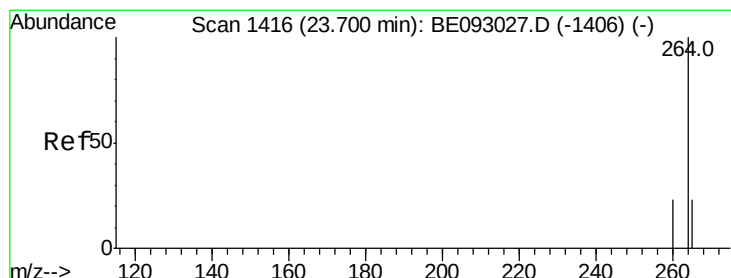
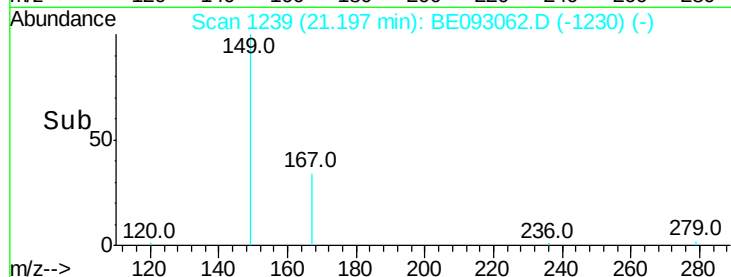
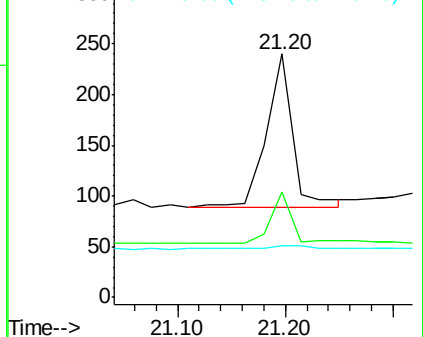
279 3.5 2.2 3.4#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#34

Perylene-d12

Concen: 0.40 ng

RT: 23.69 min Scan# 1415

Delta R.T. -0.01 min

Lab File: BE093062.D

Acq: 19 May 2017 15:53

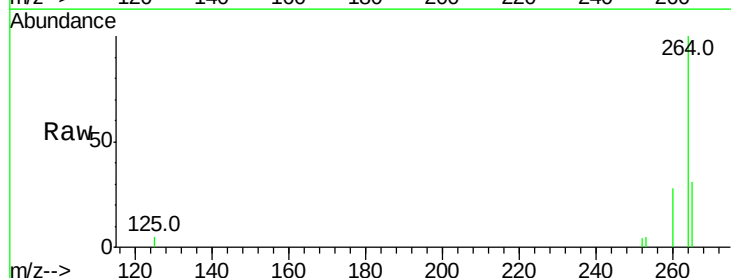
Tgt Ion:264 Resp: 3612

Ion Ratio Lower Upper

264 100

260 27.9 21.0 31.4

265 30.6 24.6 36.8



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

