

Data Path : Z:\HPCHEM1\BNA E\DATA\BE022817\
 Data File : BE092774.D
 Acq On : 28 Feb 2017 22:03
 Operator : SJ/MA
 Sample : I1994-02
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 W-2

Quant Time: Mar 01 14:56:28 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE021517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 15 17:05:20 2017
 Response via : Initial Calibration

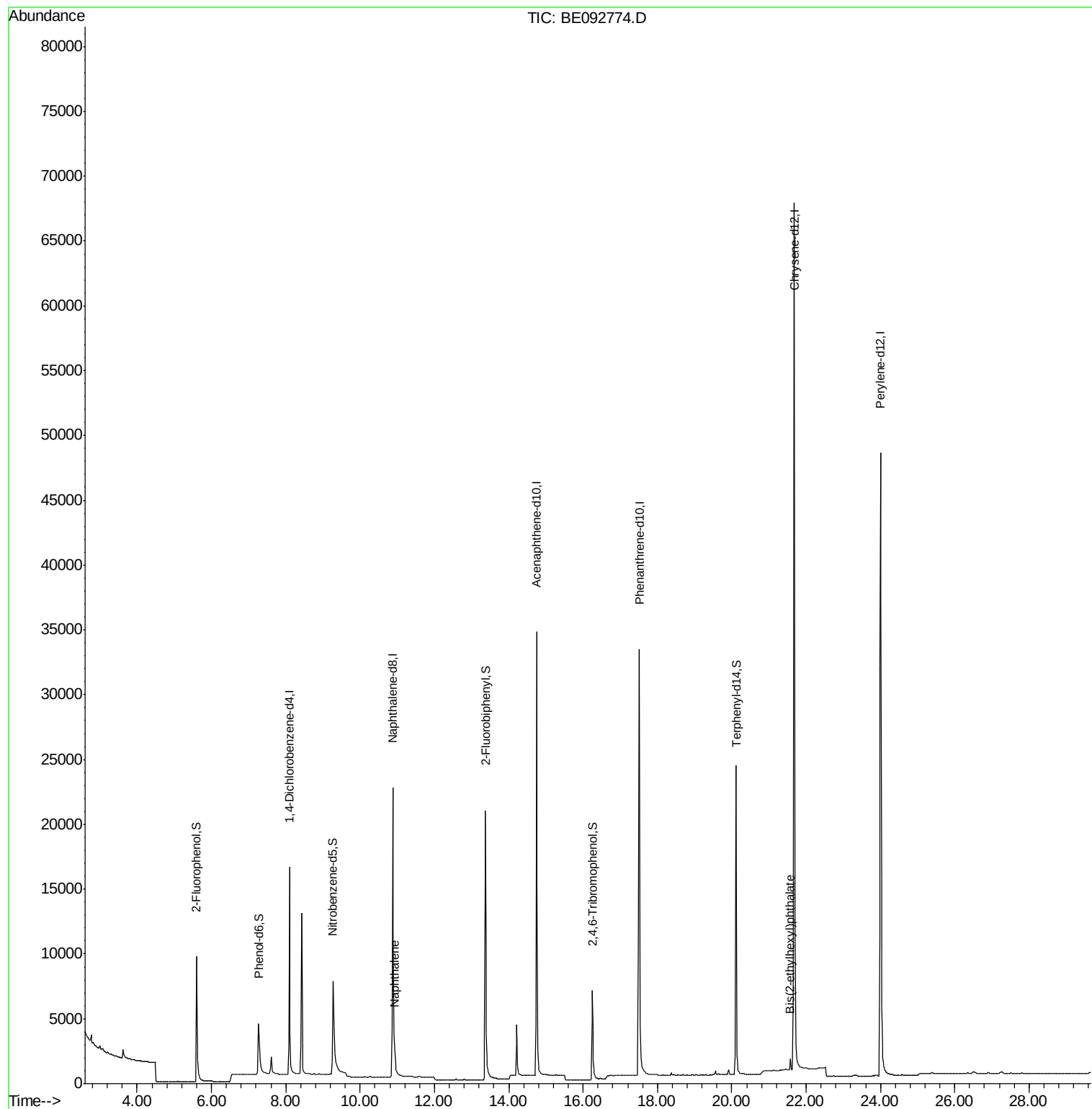
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	9552	5.00	ng	-0.02
7) Naphthalene-d8	10.87	136	39906	5.00	ng	-0.02
12) Acenaphthene-d10	14.75	164	22801	5.00	ng	-0.02
18) Phenanthrene-d10	17.51	188	56511	5.00	ng	0.00
24) Chrysene-d12	21.68	240	83513	5.00	ng	-0.02
31) Perylene-d12	24.01	264	74738	5.00	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.60	112	9493	5.11	ng	-0.03
5) Phenol-d6	7.27	99	7384	3.24	ng	-0.04
8) Nitrobenzene-d5	9.27	82	11341	4.22	ng	-0.04
13) 2,4,6-Tribromophenol	16.25	330	5757	11.90	ng	-0.03
14) 2-Fluorobiphenyl	13.38	172	27067	4.87	ng	-0.02
26) Terphenyl-d14	20.12	244	41438	3.89	ng	-0.02
Target Compounds						
9) Naphthalene	10.93	128	1347	0.16	ng	# 85
29) Bis(2-ethylhexyl)phthalate	21.57	149	1833	0.22	ng	# 56

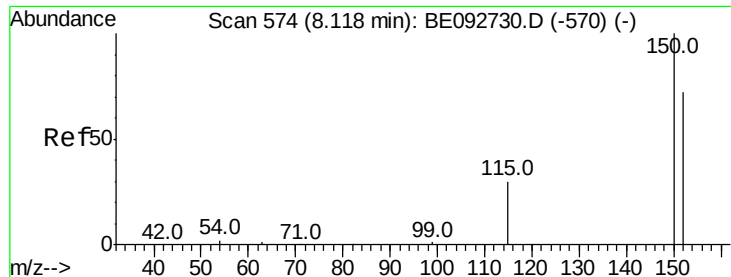
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 8.10 min Scan# 573

Delta R.T. -0.02 min

Lab File: BE092774.D

Acq: 28 Feb 2017 22:03

Instrument :

BNA_E

ClientSampleId :

W-2

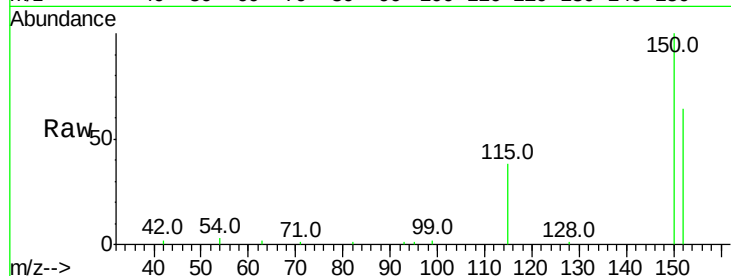
Tot Ion:152 Resp: 9552

Ion Ratio Lower Upper

152 100

150 156.1 106.0 159.0

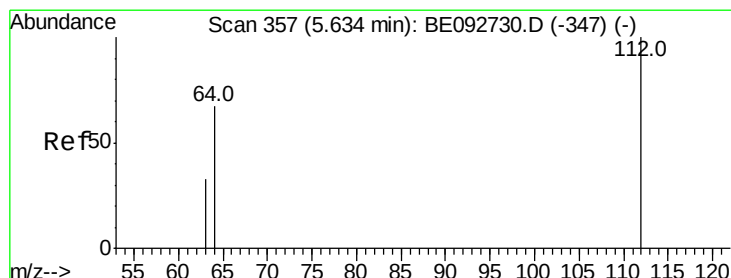
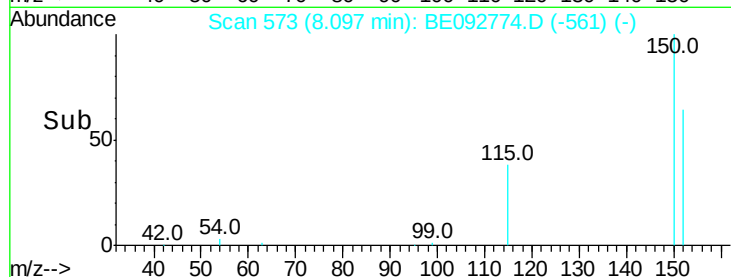
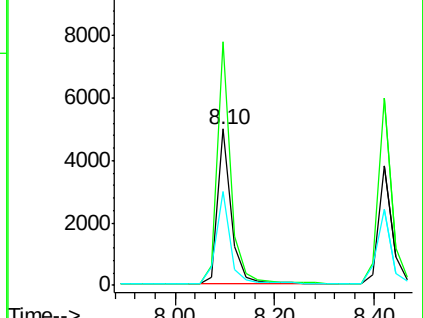
115 59.8 31.2 46.8#



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



#4

2-Fluorophenol

Concen: 5.11 ng

RT: 5.60 min Scan# 351

Delta R.T. -0.03 min

Lab File: BE092774.D

Acq: 28 Feb 2017 22:03

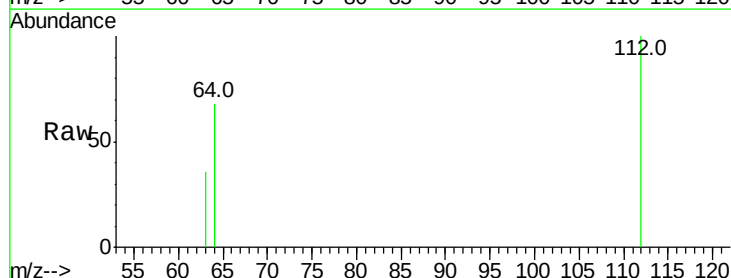
Tgt Ion:112 Resp: 9493

Ion Ratio Lower Upper

112 100

64 68.1 53.5 80.3

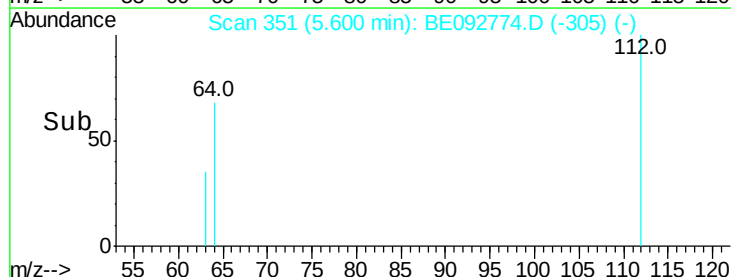
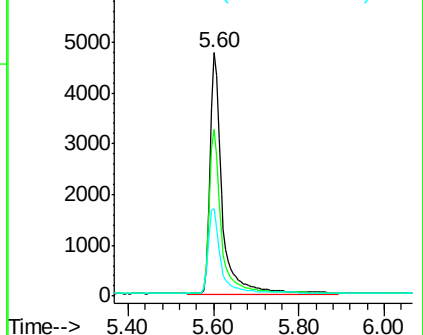
63 36.2 27.9 41.9

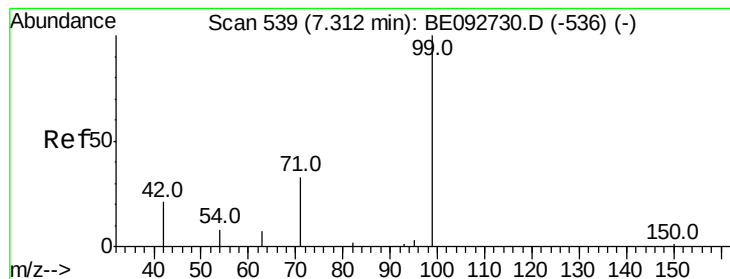


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 3.24 ng

RT: 7.27 min Scan# 537

Delta R.T. -0.04 min

Lab File: BE092774.D

Acq: 28 Feb 2017 22:03

Instrument :

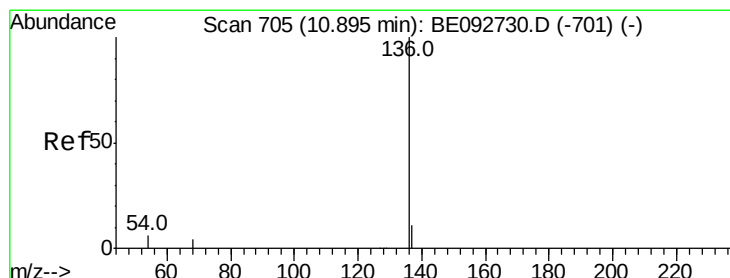
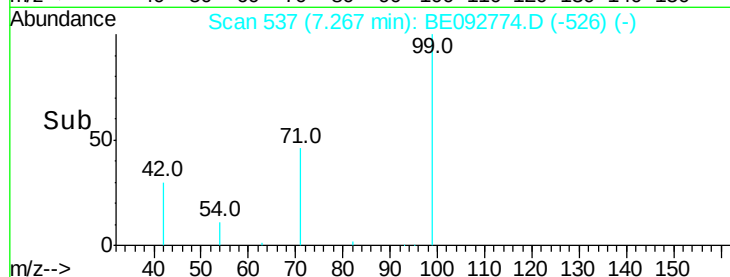
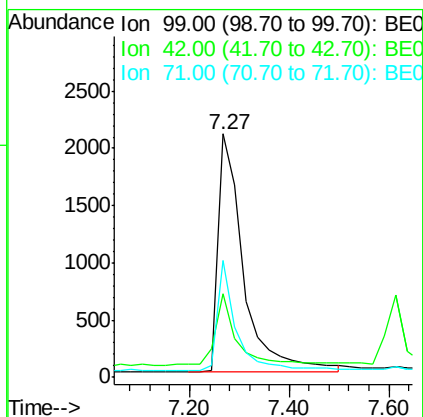
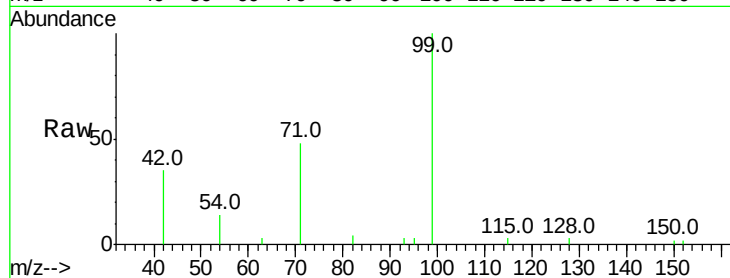
BNA_E

ClientSampled :

W-2

Tot Ion: 99 Resp: 7384

Ion	Ratio	Lower	Upper
99	100		
42	25.6	16.0	24.0#
71	35.1	30.6	45.8



#7

Naphthalene-d8

Concen: 5.00 ng

RT: 10.87 min Scan# 704

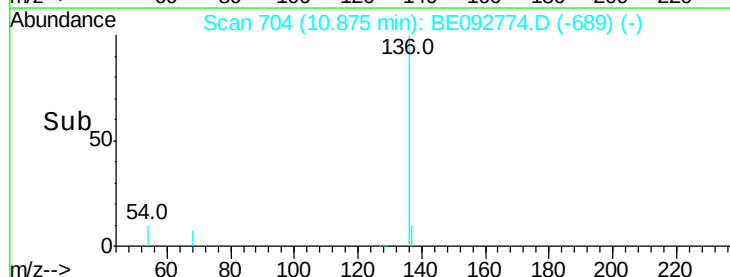
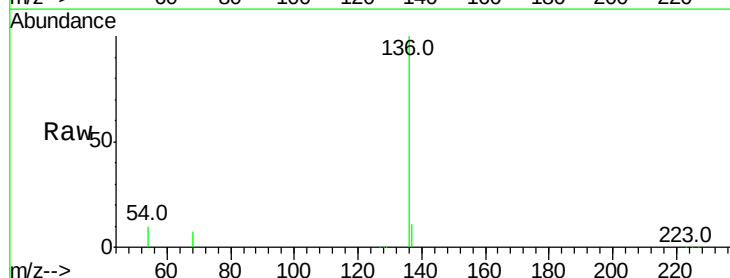
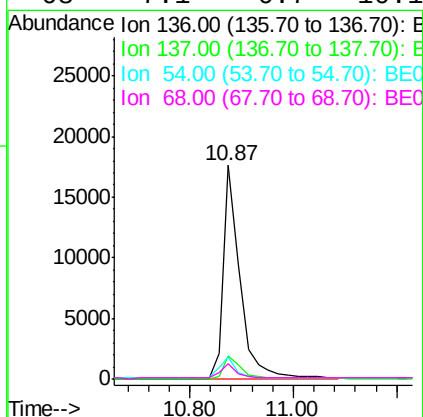
Delta R.T. -0.02 min

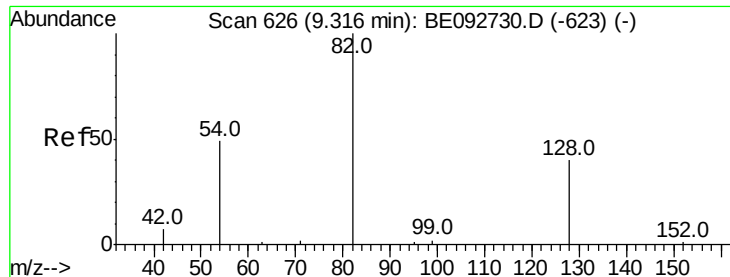
Lab File: BE092774.D

Acq: 28 Feb 2017 22:03

Tgt Ion: 136 Resp: 39906

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.2	12.4
54	10.1	9.6	14.4
68	7.1	6.7	10.1





#8

Nitrobenzene-d5

Concen: 4.22 ng

RT: 9.27 min Scan# 624

Delta R.T. -0.04 min

Lab File: BE092774.D

Acq: 28 Feb 2017 22:03

Instrument :

BNA_E

ClientSampleId :

W-2

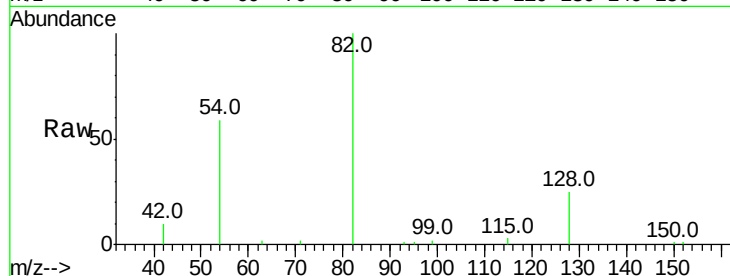
Tot Ion: 82 Resp: 11341

Ion Ratio Lower Upper

82 100

128 24.7 39.0 58.4#

54 59.5 44.8 67.2

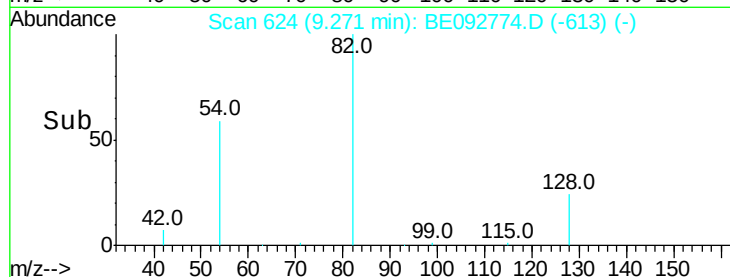


Abundance Ion 82.00 (81.70 to 82.70): BE092774.D (-613) (-)

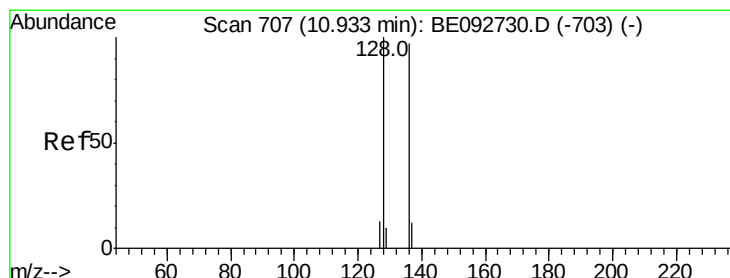
Ion 128.00 (127.70 to 128.70): BE092774.D (-613) (-)

Ion 54.00 (53.70 to 54.70): BE092774.D (-613) (-)

Time-->



Time-->



#9

Naphthalene

Concen: 0.16 ng

RT: 10.93 min Scan# 707

Delta R.T. -0.00 min

Lab File: BE092774.D

Acq: 28 Feb 2017 22:03

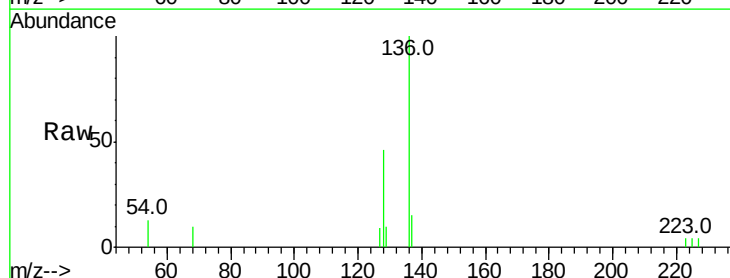
Tgt Ion: 128 Resp: 1347

Ion Ratio Lower Upper

128 100

129 21.0 11.2 16.8#

127 20.1 11.6 17.4#

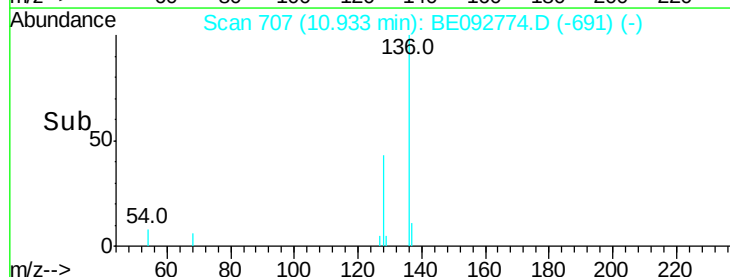


Abundance Ion 128.00 (127.70 to 128.70): BE092774.D (-691) (-)

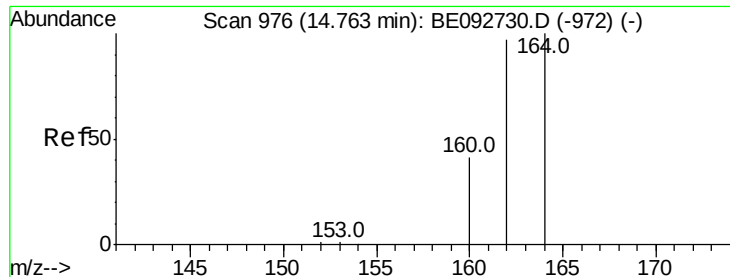
Ion 129.00 (128.70 to 129.70): BE092774.D (-691) (-)

Ion 127.00 (126.70 to 127.70): BE092774.D (-691) (-)

Time-->



Time-->



#12

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.75 min Scan# 976

Delta R.T. -0.02 min

Lab File: BE092774.D

Acq: 28 Feb 2017 22:03

Instrument :

BNA_E

ClientSampleId :

W-2

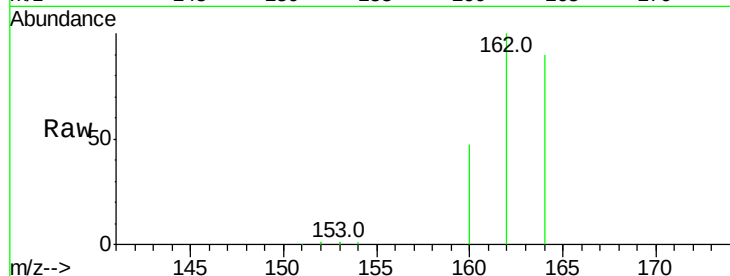
Tot Ion:164 Resp: 22801

Ion Ratio Lower Upper

164 100

162 110.6 71.4 107.0#

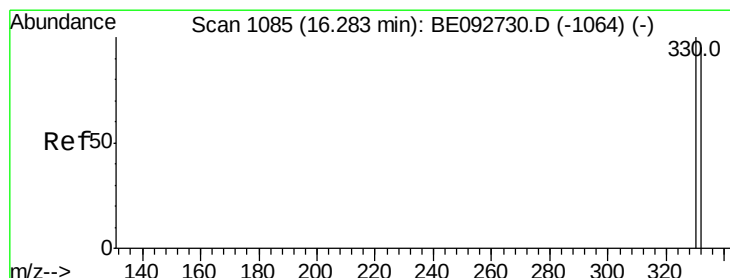
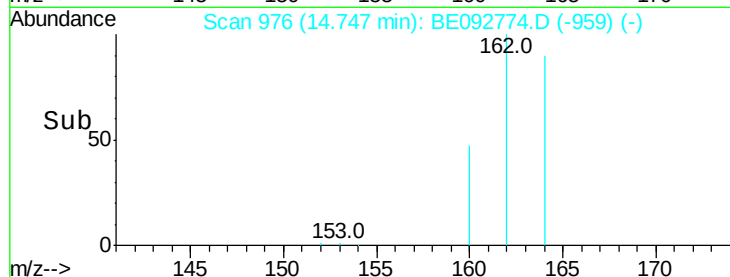
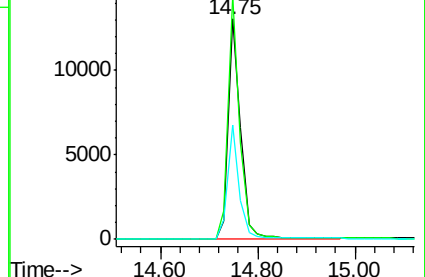
160 52.2 27.4 41.2#



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



#13

2,4,6-Tribromophenol

Concen: 11.90 ng

RT: 16.25 min Scan# 1083

Delta R.T. -0.03 min

Lab File: BE092774.D

Acq: 28 Feb 2017 22:03

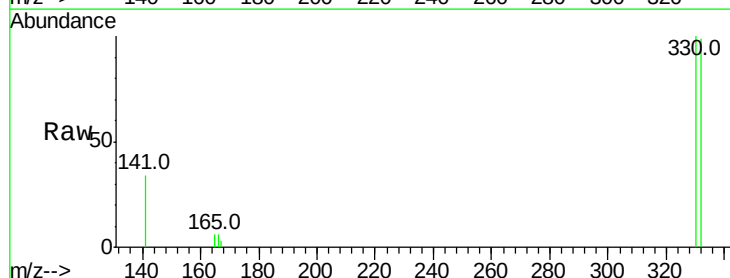
Tgt Ion:330 Resp: 5757

Ion Ratio Lower Upper

330 100

332 97.0 75.4 113.0

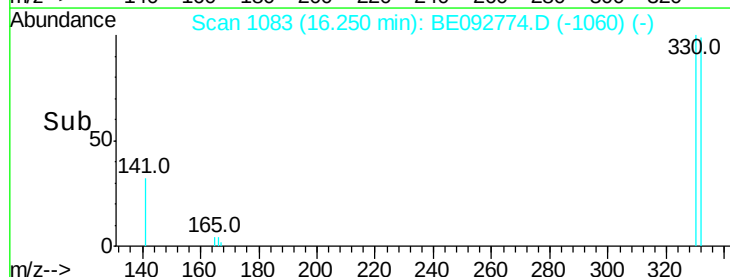
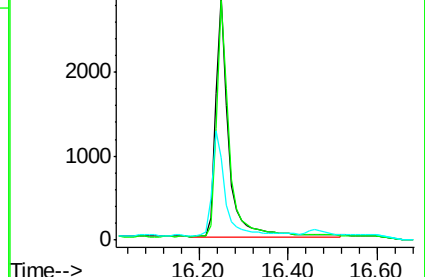
141 43.5 31.0 46.6

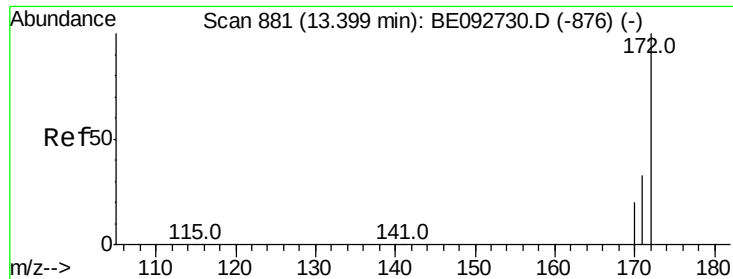


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

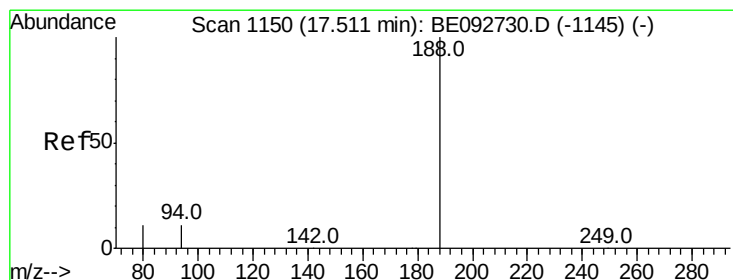
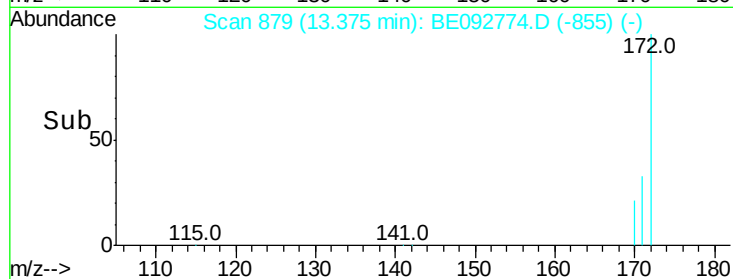
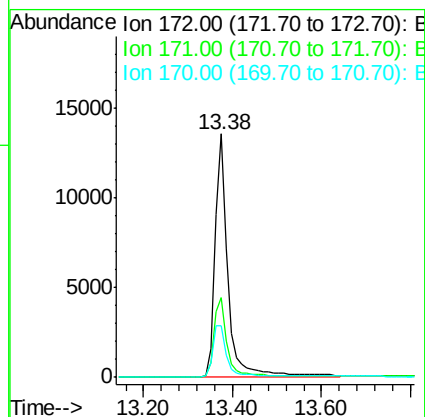
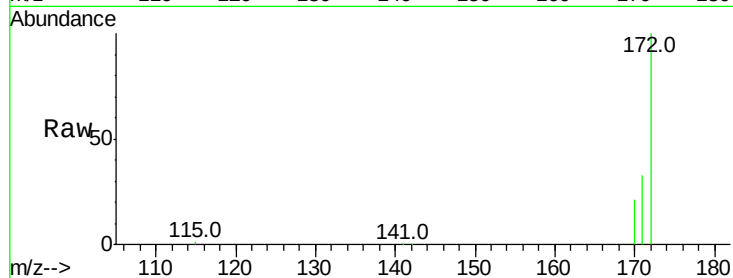




#14
2-Fluorobiphenyl
Concen: 4.87 ng
RT: 13.38 min Scan# 879
Delta R.T. -0.02 min
Lab File: BE092774.D
Acq: 28 Feb 2017 22:03

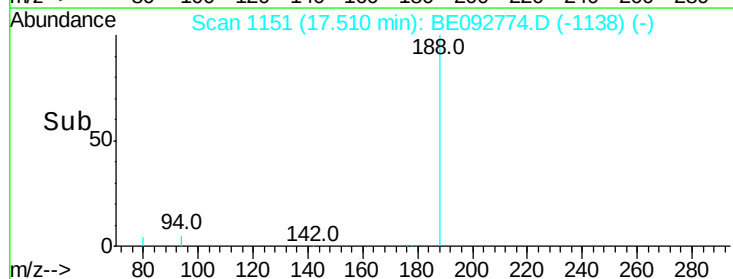
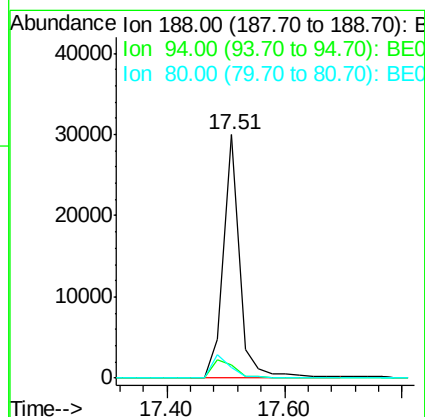
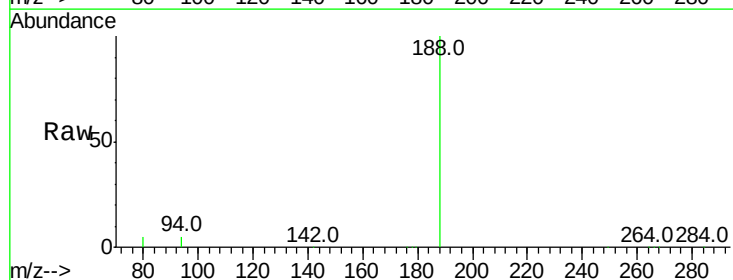
Instrument :
BNA_E
ClientSampleId :
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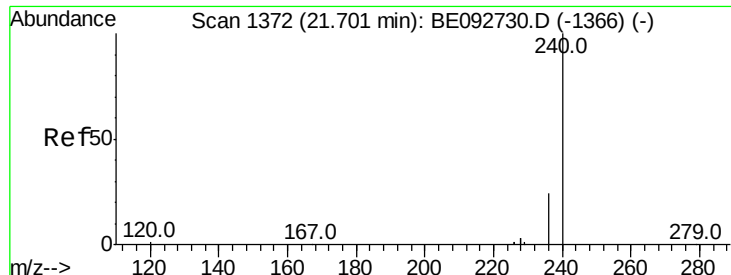
Tot Ion:172 Resp: 27067
Ion Ratio Lower Upper
172 100
171 33.0 30.1 45.1
170 21.0 21.8 32.6#



#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.51 min Scan# 1151
Delta R.T. -0.00 min
Lab File: BE092774.D
Acq: 28 Feb 2017 22:03

Tgt Ion:188 Resp: 56511
Ion Ratio Lower Upper
188 100
94 5.2 3.2 4.8#
80 4.6 2.6 3.8#

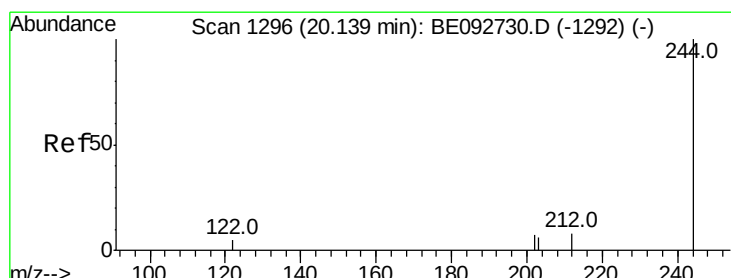
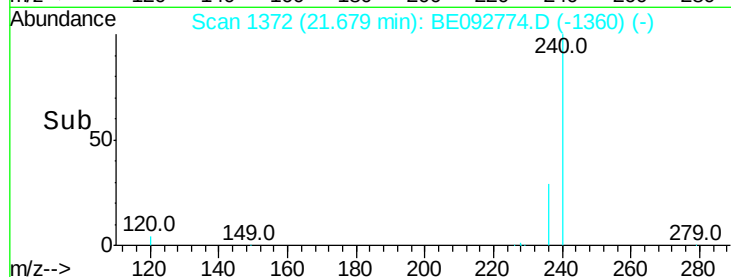
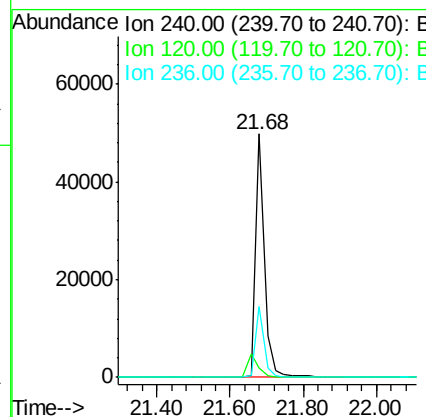
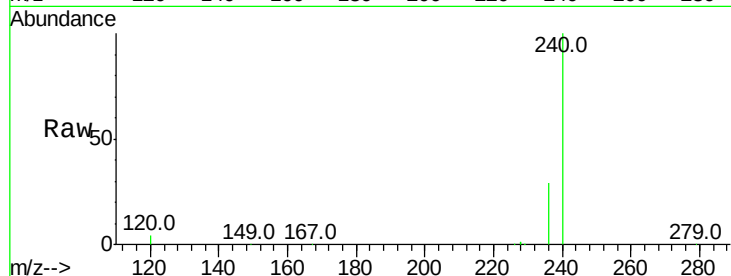




#24
Chrysene-d12
Concen: 5.00 ng
RT: 21.68 min Scan# 1372
Delta R.T. -0.02 min
Lab File: BE092774.D
Acq: 28 Feb 2017 22:03

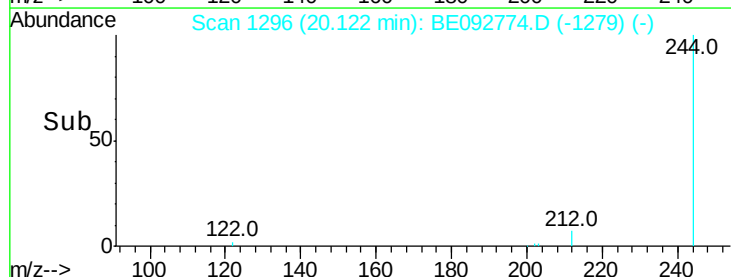
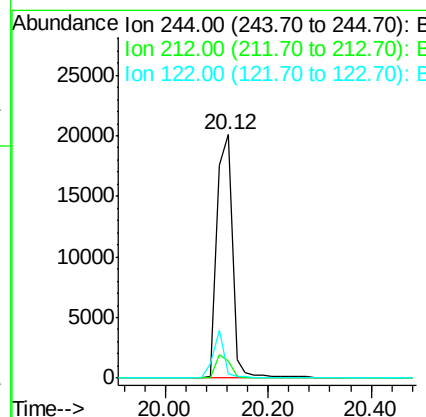
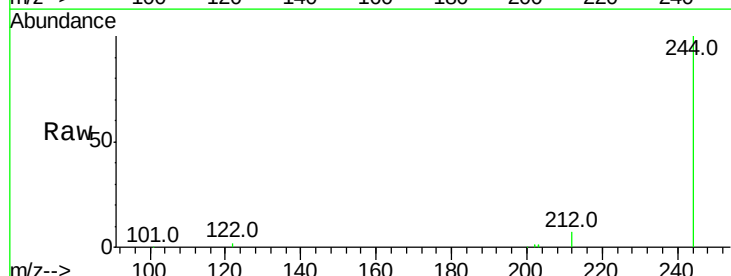
Instrument :
BNA_E
ClientSampleId :
W-2

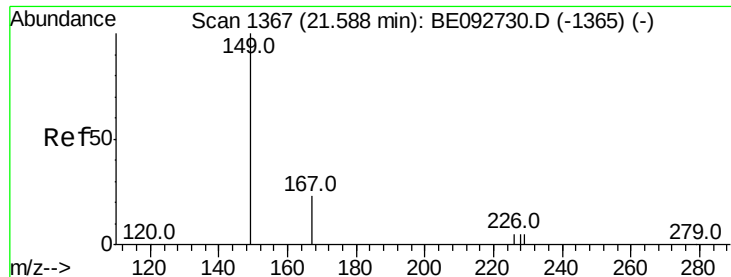
Tot Ion:240 Resp: 83513
Ion Ratio Lower Upper
240 100
120 3.9 2.6 4.0
236 29.1 24.6 37.0



#26
Terphenyl-d14
Concen: 3.89 ng
RT: 20.12 min Scan# 1296
Delta R.T. -0.02 min
Lab File: BE092774.D
Acq: 28 Feb 2017 22:03

Tgt Ion:244 Resp: 41438
Ion Ratio Lower Upper
244 100
212 6.8 6.7 10.1
122 2.0 3.6 5.4#





#29

Bis(2-ethylhexyl)phthalate

Concen: 0.22 ng

RT: 21.57 min Scan# 1367

Delta R.T. -0.02 min

Lab File: BE092774.D

Acq: 28 Feb 2017 22:03

Instrument :

BNA_E

ClientSampleId :

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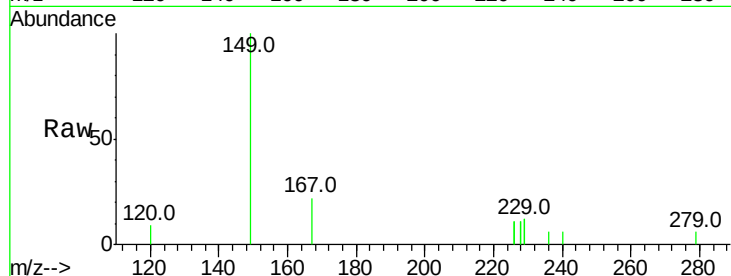
Tot Ion:149 Resp: 1833

Ion Ratio Lower Upper

149 100

167 0.0 16.0 24.0#

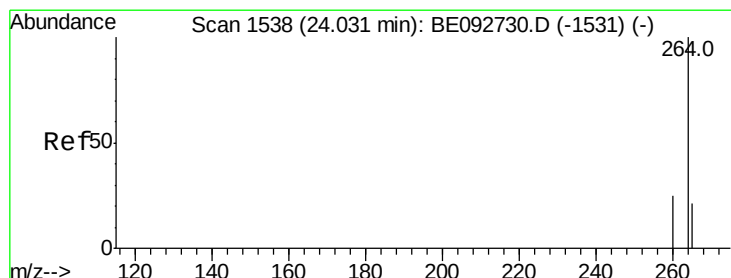
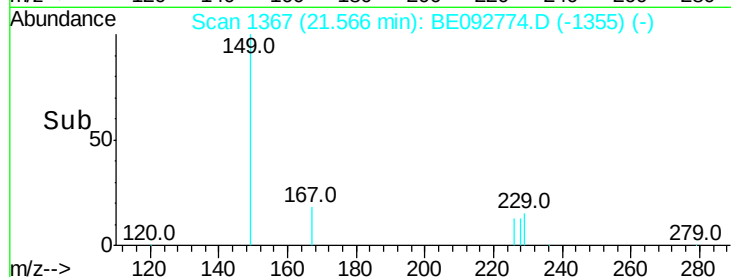
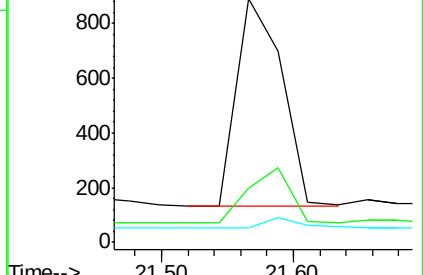
279 0.0 16.0 24.0#



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



#31

Perylene-d12

Concen: 5.00 ng

RT: 24.01 min Scan# 1537

Delta R.T. -0.02 min

Lab File: BE092774.D

Acq: 28 Feb 2017 22:03

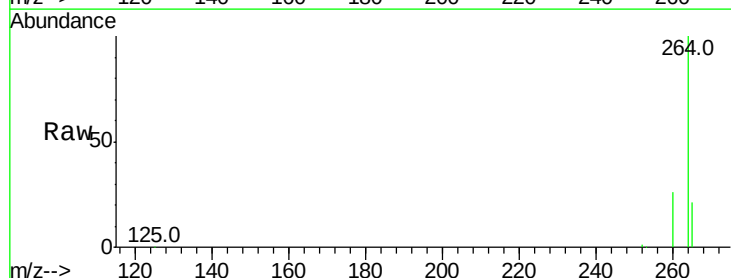
Tgt Ion:264 Resp: 74738

Ion Ratio Lower Upper

264 100

260 25.9 20.1 30.1

265 21.2 17.9 26.9



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

