

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE080816\
 Data File : BE092227.D
 Acq On : 8 Aug 2016 22:06
 Operator : UM/SJ
 Sample : H4336-02
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 OUTFALL001-160802

Quant Time: Aug 09 03:24:46 2016
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-PAH-BE080216.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 08 18:55:30 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	14026	5.00	ng	0.00
6) Naphthalene-d8	10.98	136	64351	5.00	ng	-0.01
10) Acenaphthene-d10	14.83	164	35832	5.00	ng	-0.02
16) Phenanthrene-d10	17.56	188	86368	5.00	ng	-0.02
22) Chrysene-d12	21.73	240	100232	5.00	ng	-0.02
28) Perylene-d12	24.14	264	100350	5.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.69	112	9268	2.57	ng	0.00
5) Phenol-d6	7.35	99	6626	1.38	ng	0.00
7) Nitrobenzene-d5	9.34	82	14936	2.94	ng	-0.01
11) 2,4,6-Tribromophenol	16.33	330	8252	7.09	ng	0.00
12) 2-Fluorobiphenyl	13.46	172	35865	3.16	ng	0.00
24) Terphenyl-d14	20.19	244	55534	3.86	ng	-0.02

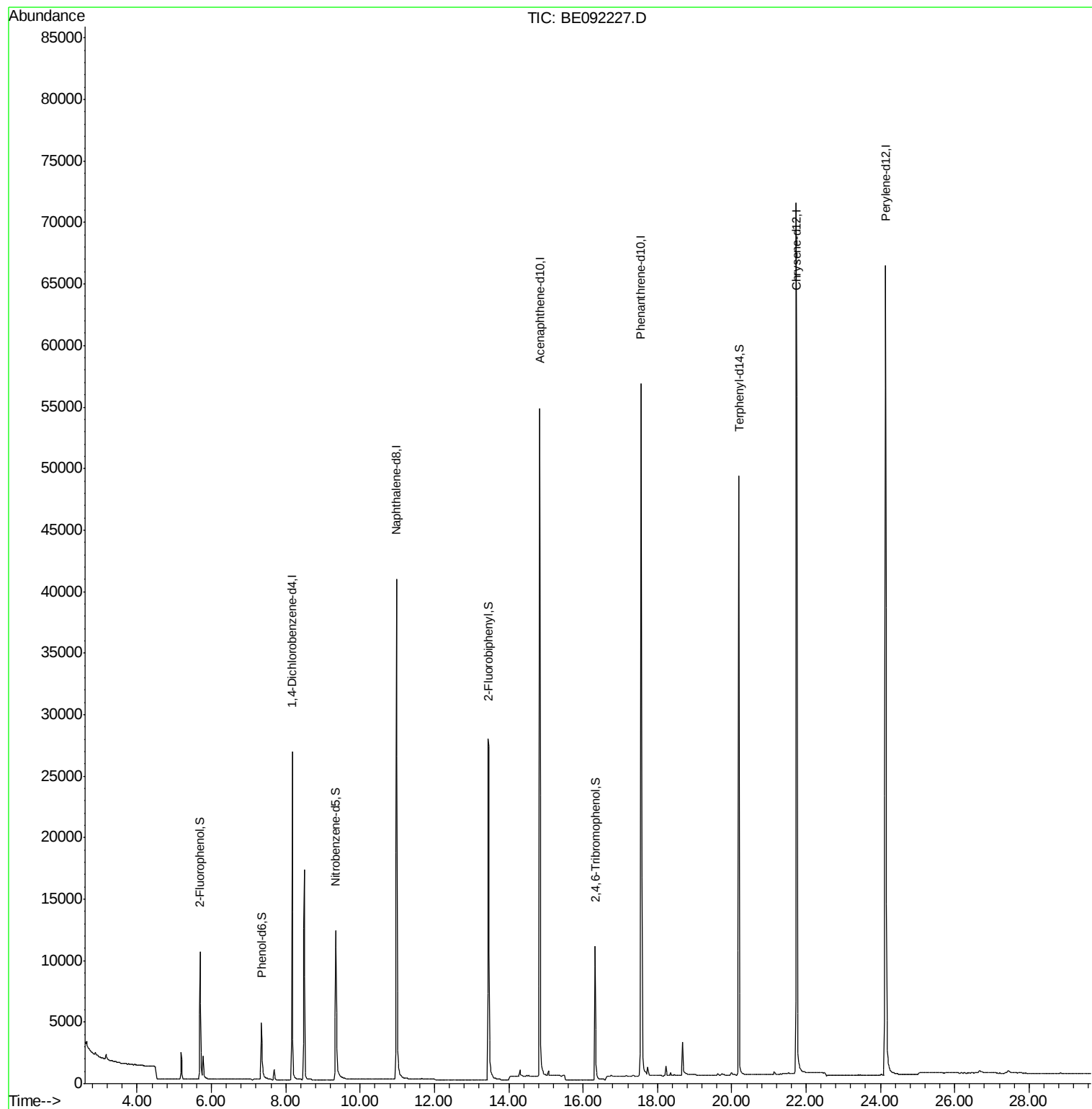
Target Compounds	Qvalue
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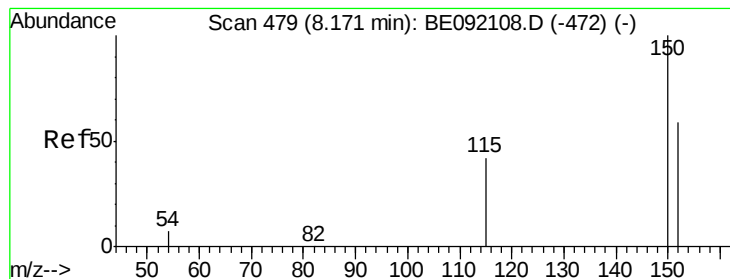
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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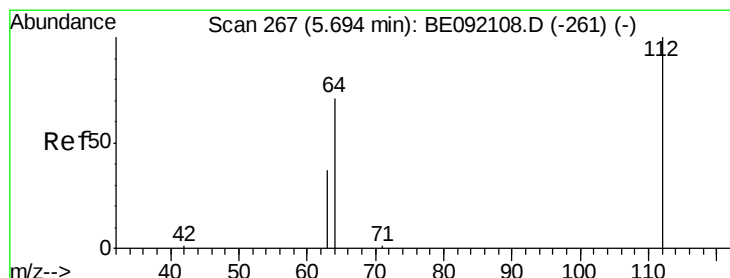
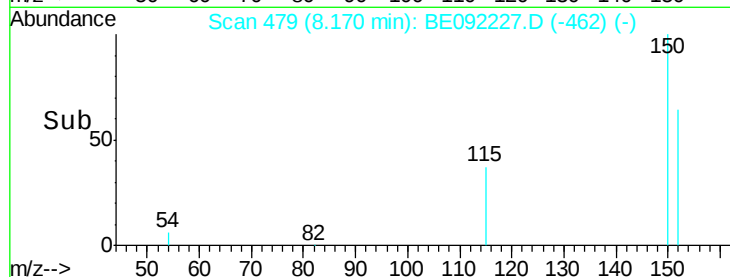
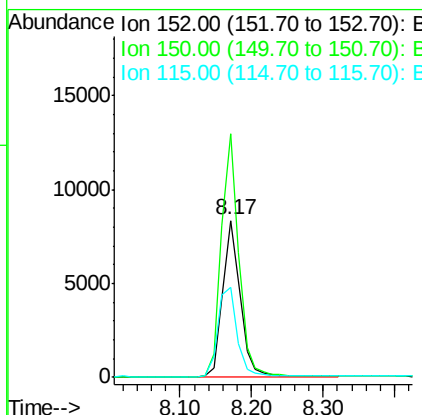
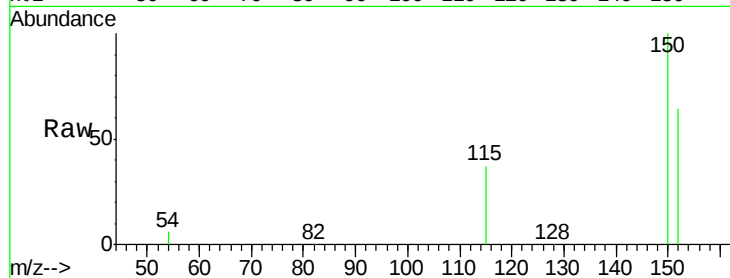




#1
 1,4-Dichlorobenzene-d4
 Concen: 5.00 ng
 RT: 8.17 min Scan# 479
 Delta R.T. -0.00 min
 Lab File: BE092227.D
 Acq: 8 Aug 2016 22:06

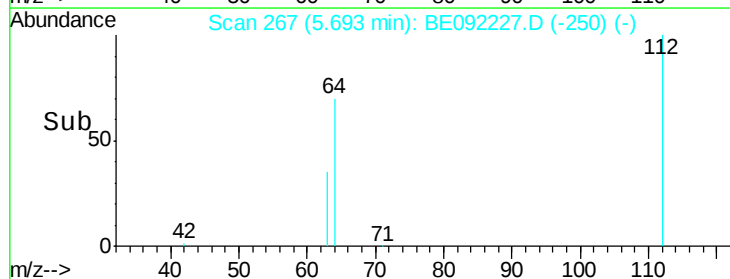
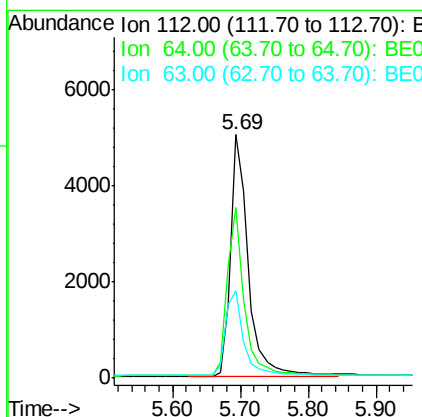
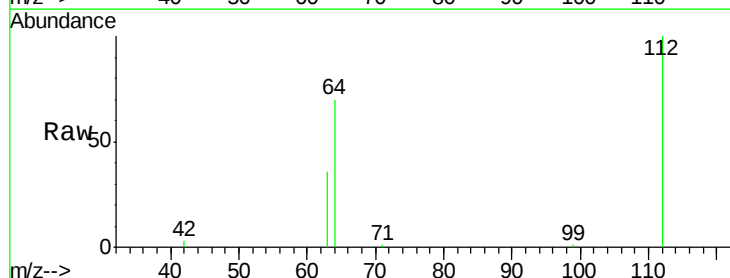
Instrument :
 BNA_E
 ClientSampleId :
 OUTFALL001-160802

Tgt Ion:152 Resp: 14026
 Ion Ratio Lower Upper
 152 100
 150 155.3 106.0 159.0
 115 57.5 36.9 55.3#



#4
 2-Fluorophenol
 Concen: 2.57 ng
 RT: 5.69 min Scan# 267
 Delta R.T. -0.00 min
 Lab File: BE092227.D
 Acq: 8 Aug 2016 22:06

Tgt Ion:112 Resp: 9268
 Ion Ratio Lower Upper
 112 100
 64 67.9 55.9 83.9
 63 36.9 31.1 46.7





#5

Phenol-d6

Concen: 1.38 ng

RT: 7.35 min Scan# 410

Delta R.T. -0.00 min

Lab File: BE092227.D

Acq: 8 Aug 2016 22:06

Instrument :

BNA_E

ClientSampleId :

OUTFALL001-160802

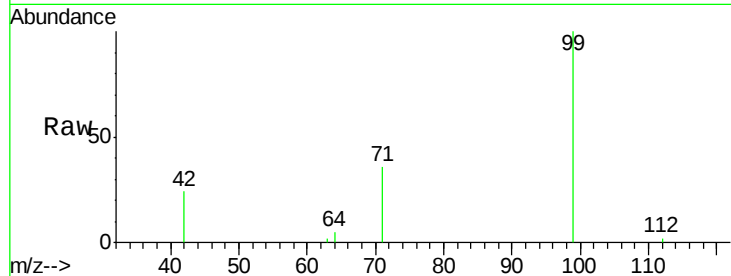
Tgt Ion: 99 Resp: 6626

Ion Ratio Lower Upper

99 100

42 26.0 22.4 33.6

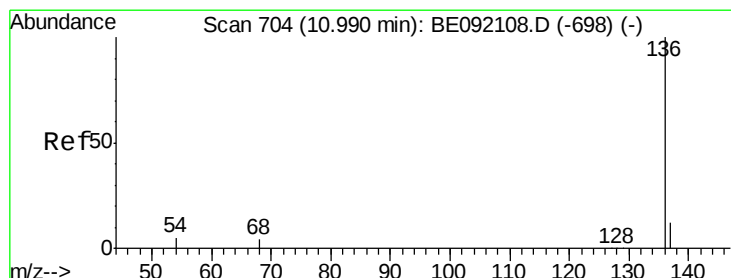
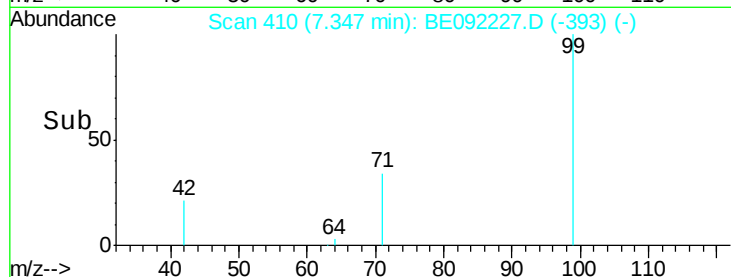
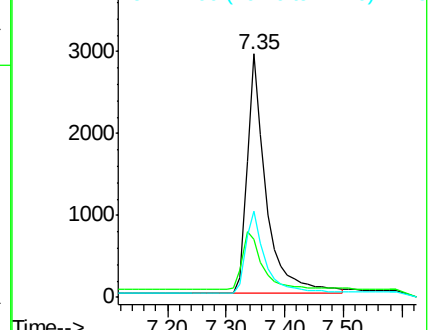
71 35.3 28.9 43.3



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

Naphthalene-d8

Concen: 5.00 ng

RT: 10.98 min Scan# 703

Delta R.T. -0.01 min

Lab File: BE092227.D

Acq: 8 Aug 2016 22:06

Tgt Ion: 136 Resp: 64351

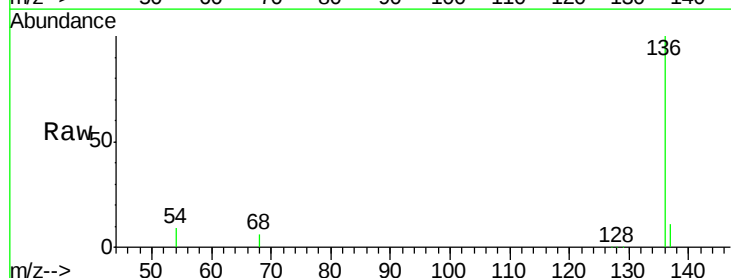
Ion Ratio Lower Upper

136 100

137 10.8 9.1 13.7

54 8.9 2.7 4.1#

68 6.2 2.2 3.4#

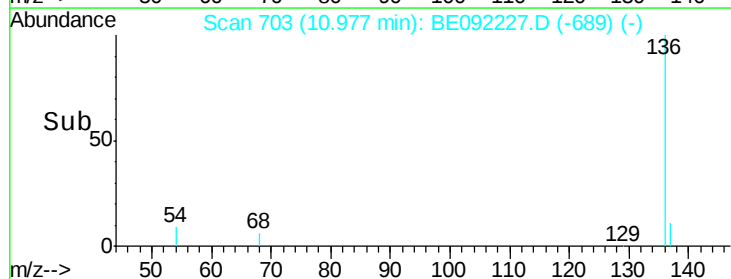
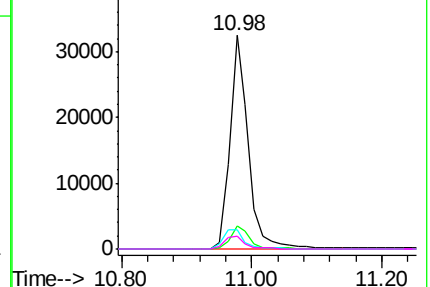


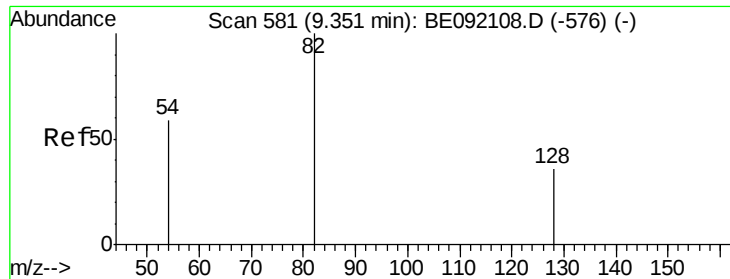
Abundance Ion 136.00 (135.70 to 136.70): E

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





#7

Nitrobenzene-d5

Concen: 2.94 ng

RT: 9.34 min Scan# 580

Delta R.T. -0.01 min

Lab File: BE092227.D

Acq: 8 Aug 2016 22:06

Instrument :

BNA_E

ClientSampleId :

OUTFALL001-160802

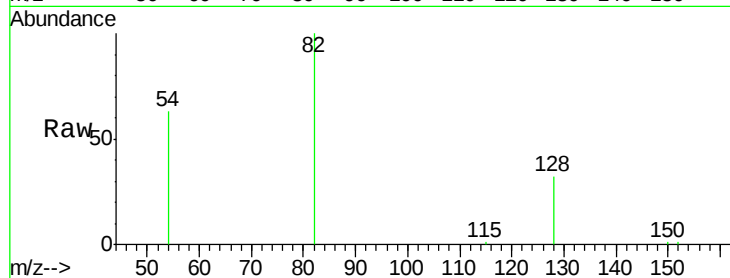
Tgt Ion: 82 Resp: 14936

Ion Ratio Lower Upper

82 100

128 31.9 33.0 49.4#

54 63.1 42.6 63.8

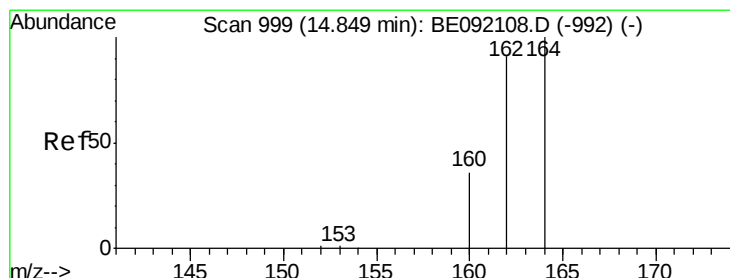
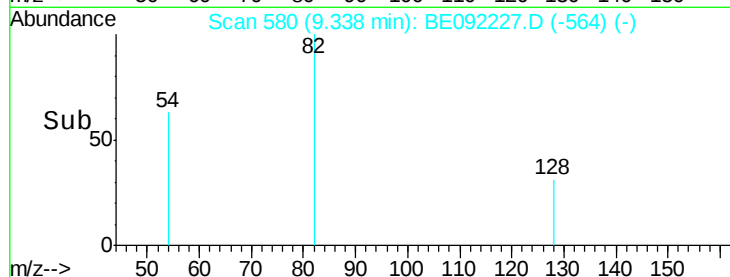


Abundance Ion 82.00 (81.70 to 82.70): BE092108.D (-576) (-)

Ion 128.00 (127.70 to 128.70): BE092108.D (-576) (-)

Ion 54.00 (53.70 to 54.70): BE092108.D (-576) (-)

Time-->



#10

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.83 min Scan# 998

Delta R.T. -0.02 min

Lab File: BE092227.D

Acq: 8 Aug 2016 22:06

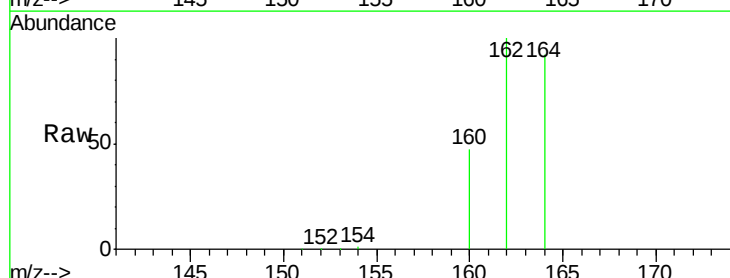
Tgt Ion: 164 Resp: 35832

Ion Ratio Lower Upper

164 100

162 109.2 69.5 104.3#

160 50.9 27.6 41.4#

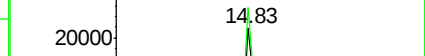
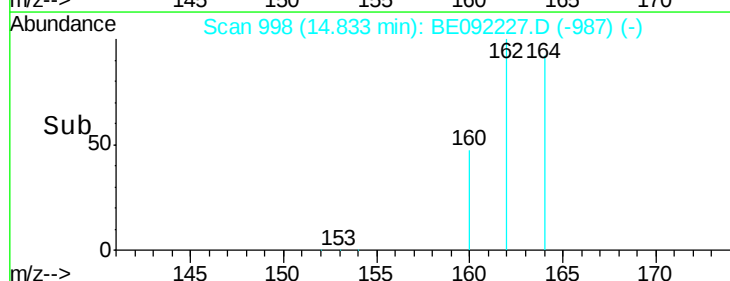


Abundance Ion 164.00 (163.70 to 164.70): BE092108.D (-992) (-)

Ion 162.00 (161.70 to 162.70): BE092108.D (-992) (-)

Ion 160.00 (159.70 to 160.70): BE092108.D (-992) (-)

Time-->

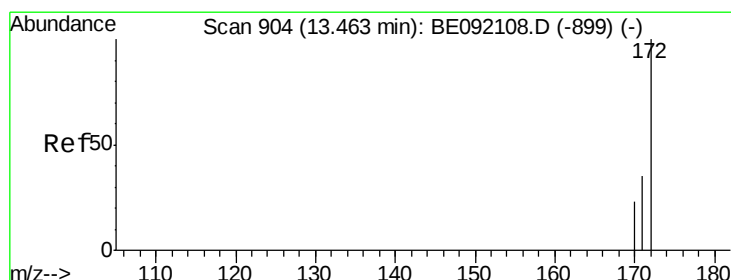
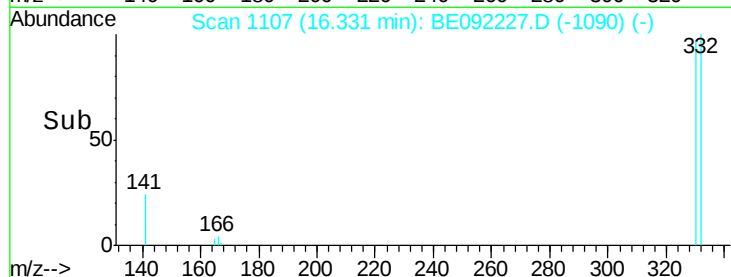
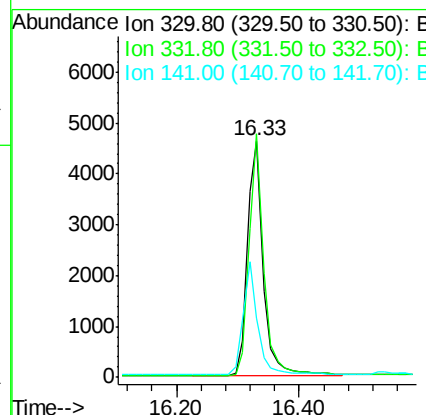
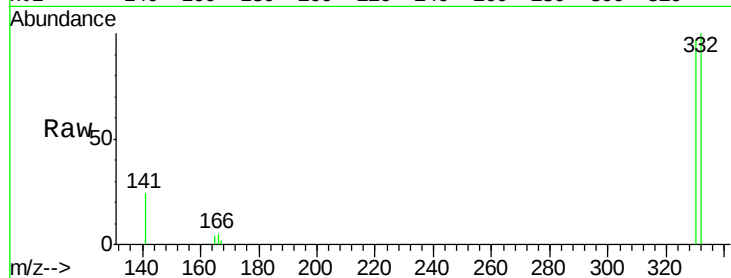




#11
 2,4,6-Tribromophenol
 Concen: 7.09 ng
 RT: 16.33 min Scan# 1107
 Delta R.T. 0.00 min
 Lab File: BE092227.D
 Acq: 8 Aug 2016 22:06

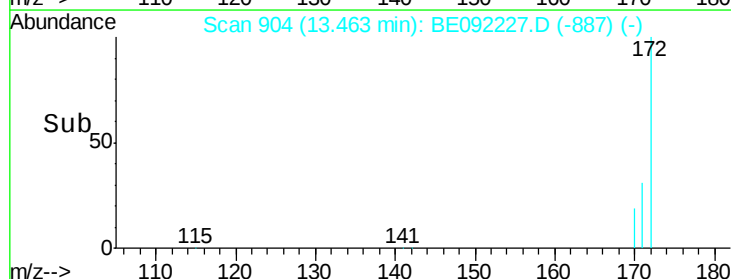
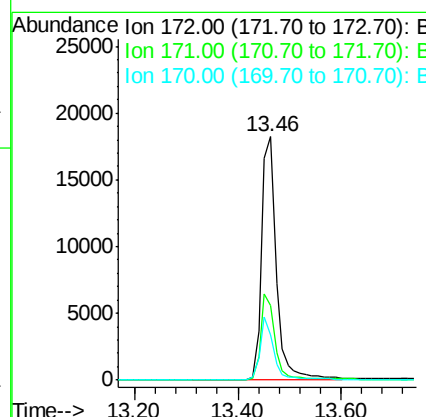
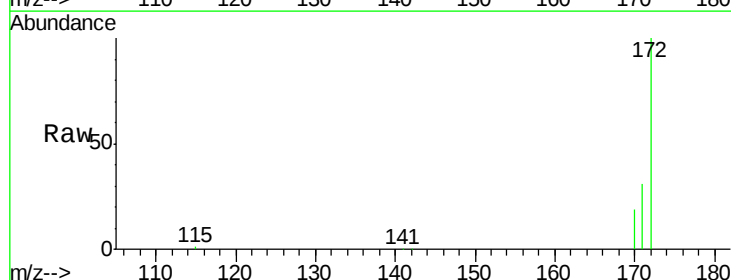
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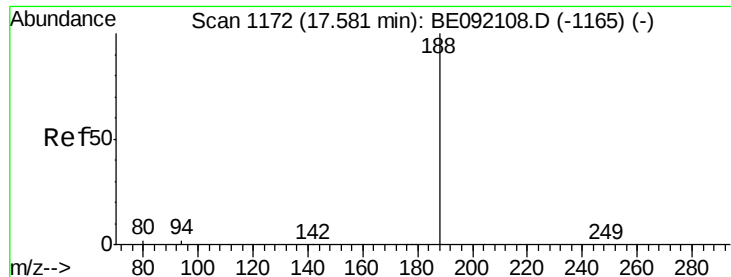
Tgt Ion: 330 Resp: 8252
 Ion Ratio Lower Upper
 330 100
 332 96.9 74.2 111.4
 141 44.3 139.8 209.8#



#12
 2-Fluorobiphenyl
 Concen: 3.16 ng
 RT: 13.46 min Scan# 904
 Delta R.T. -0.00 min
 Lab File: BE092227.D
 Acq: 8 Aug 2016 22:06

Tgt Ion: 172 Resp: 35865
 Ion Ratio Lower Upper
 172 100
 171 30.8 30.3 45.5
 170 18.8 21.6 32.4#

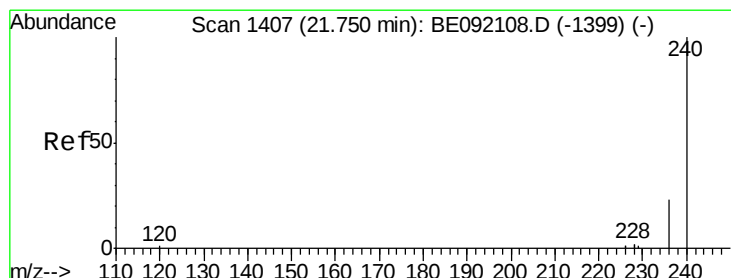
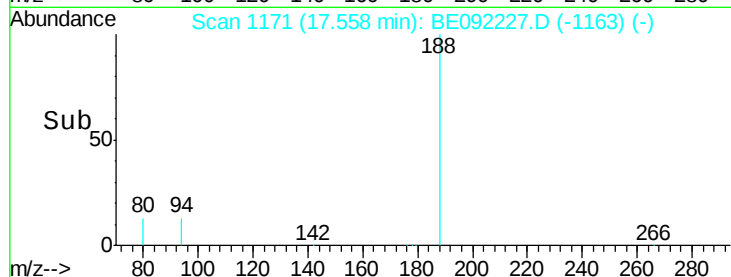
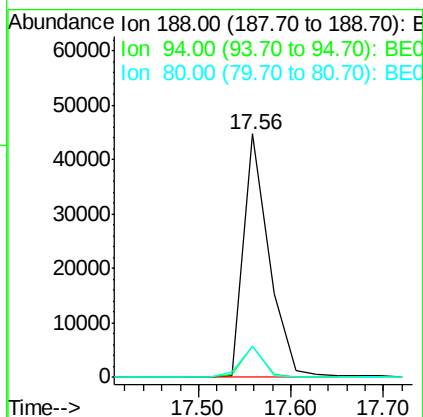
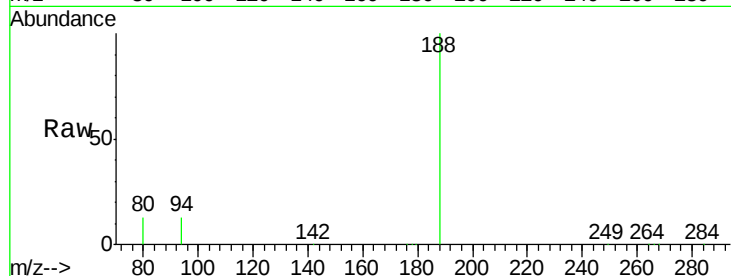




#16
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.56 min Scan# 1171
Delta R.T. -0.02 min
Lab File: BE092227.D
Acq: 8 Aug 2016 22:06

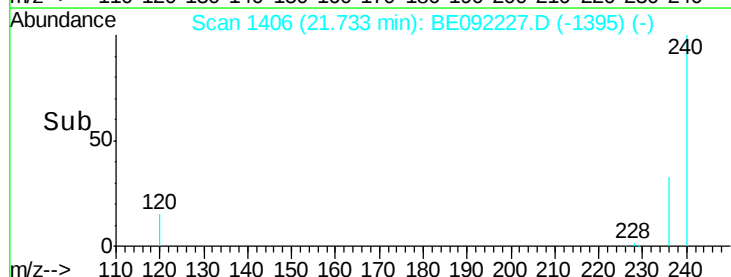
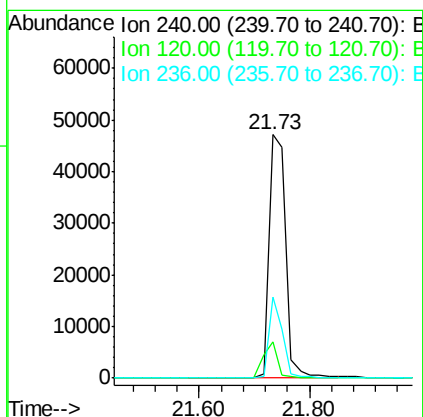
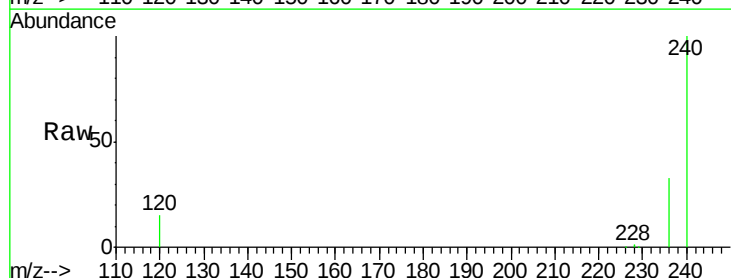
Instrument :
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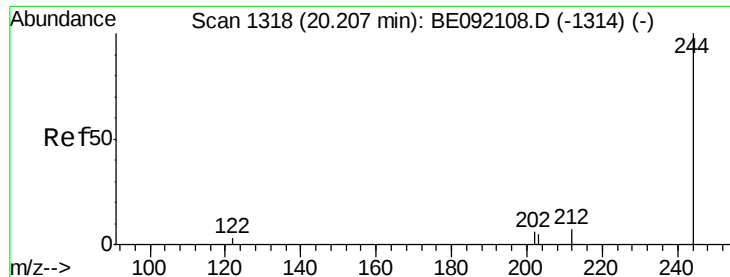
Tgt Ion:188 Resp: 86368
Ion Ratio Lower Upper
188 100
94 12.8 3.9 5.9#
80 12.8 3.4 5.0#



#22
Chrysene-d12
Concen: 5.00 ng
RT: 21.73 min Scan# 1406
Delta R.T. -0.02 min
Lab File: BE092227.D
Acq: 8 Aug 2016 22:06

Tgt Ion:240 Resp: 100232
Ion Ratio Lower Upper
240 100
120 14.7 0.6 1.0#
236 33.3 18.2 27.4#





#24

Terphenyl-d14

Concen: 3.86 ng

RT: 20.19 min Scan# 1317

Delta R.T. -0.02 min

Lab File: BE092227.D

Acq: 8 Aug 2016 22:06

Instrument :

BNA_E

ClientSampleId :

OUTFALL001-160802

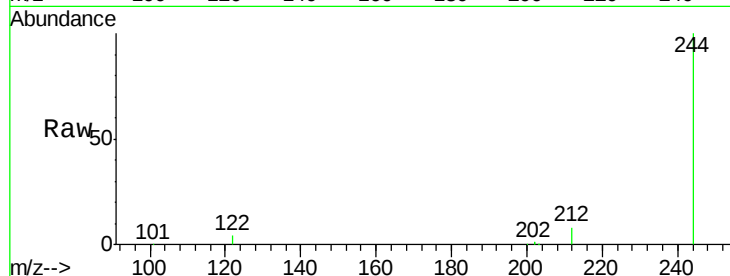
Tgt Ion:244 Resp: 55534

Ion Ratio Lower Upper

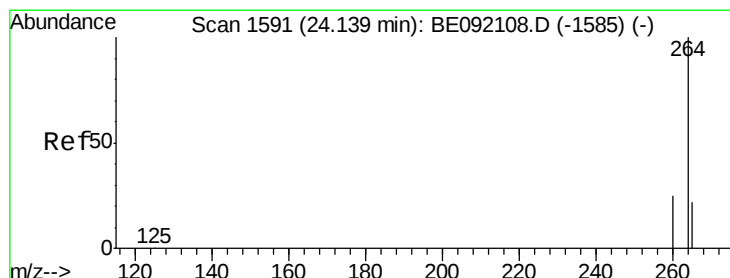
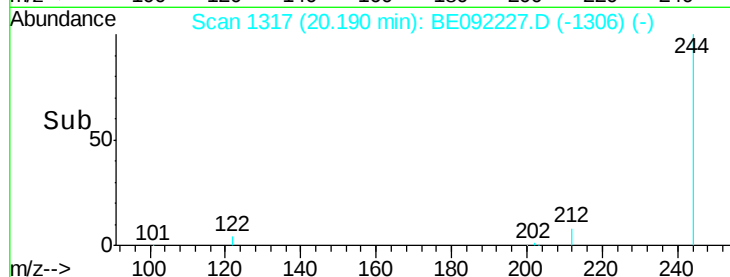
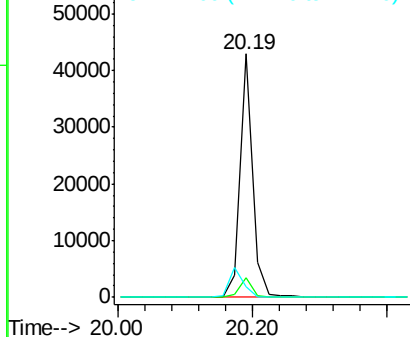
244 100

212 8.2 9.1 13.7#

122 4.2 11.0 16.4#



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



#28

Perylene-d12

Concen: 5.00 ng

RT: 24.14 min Scan# 1591

Delta R.T. 0.00 min

Lab File: BE092227.D

Acq: 8 Aug 2016 22:06

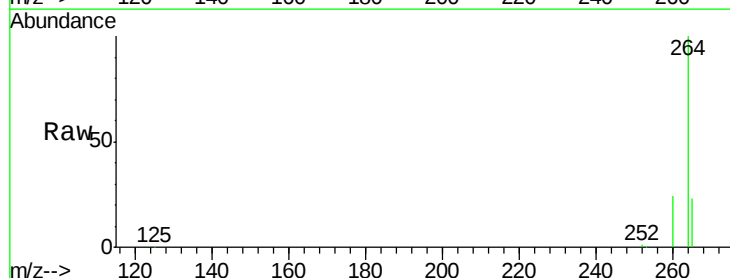
Tgt Ion:264 Resp: 100350

Ion Ratio Lower Upper

264 100

260 24.2 20.8 31.2

265 22.6 16.6 25.0



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

