

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE020315\
 Data File : BE089475.D
 Acq On : 3 Feb 2015 22:11
 Operator : TP/IZ
 Sample : G1116-01
 Misc : 4 TIME INT STD
 ALS Vial : 57 Sample Multiplier: 4

Instrument :
 BNA_E
 ClientSampleId :
 SUMP

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Quant Time: Feb 04 07:28:08 2015
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SIM-BE020315.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 04 00:53:32 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	9.53	152	355975	5.00	ng	0.00
7) Naphthalene-d8	12.43	136	1367676	5.00	ng	0.00
13) Acenaphthene-d10	16.62	164	561616	5.00	ng	0.00
17) Phenanthrene-d10	19.94	188	1053791	5.00	ng	0.01
20) Chrysene-d12	23.79	240	1016463	5.00	ng	0.00
27) Perylene-d12	25.50	264	956483	5.00	ng	0.00
System Monitoring Compounds						
3) 2-Fluorophenol	6.74	112	1157221	40.21	ng	0.01
4) Phenol-d6	8.85	99	882503	24.43	ng	0.00
8) Nitrobenzene-d5	10.82	82	2553138	98.73	ng	0.03
14) 2,4,6-Tribromophenol	18.55	330	654565	106.36	ng	0.04
15) 2-Fluorobiphenyl	15.09	172	3201194	86.53	ng	0.02
22) Terphenyl-d14	22.45	244	2588487	71.86	ng	0.02
Target Compounds						
5) Phenol	8.87	94	39509	1.00	ng	# 58
10) 2,4-Dimethylphenol	11.83	122	9091	0.42	ng	# 93

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

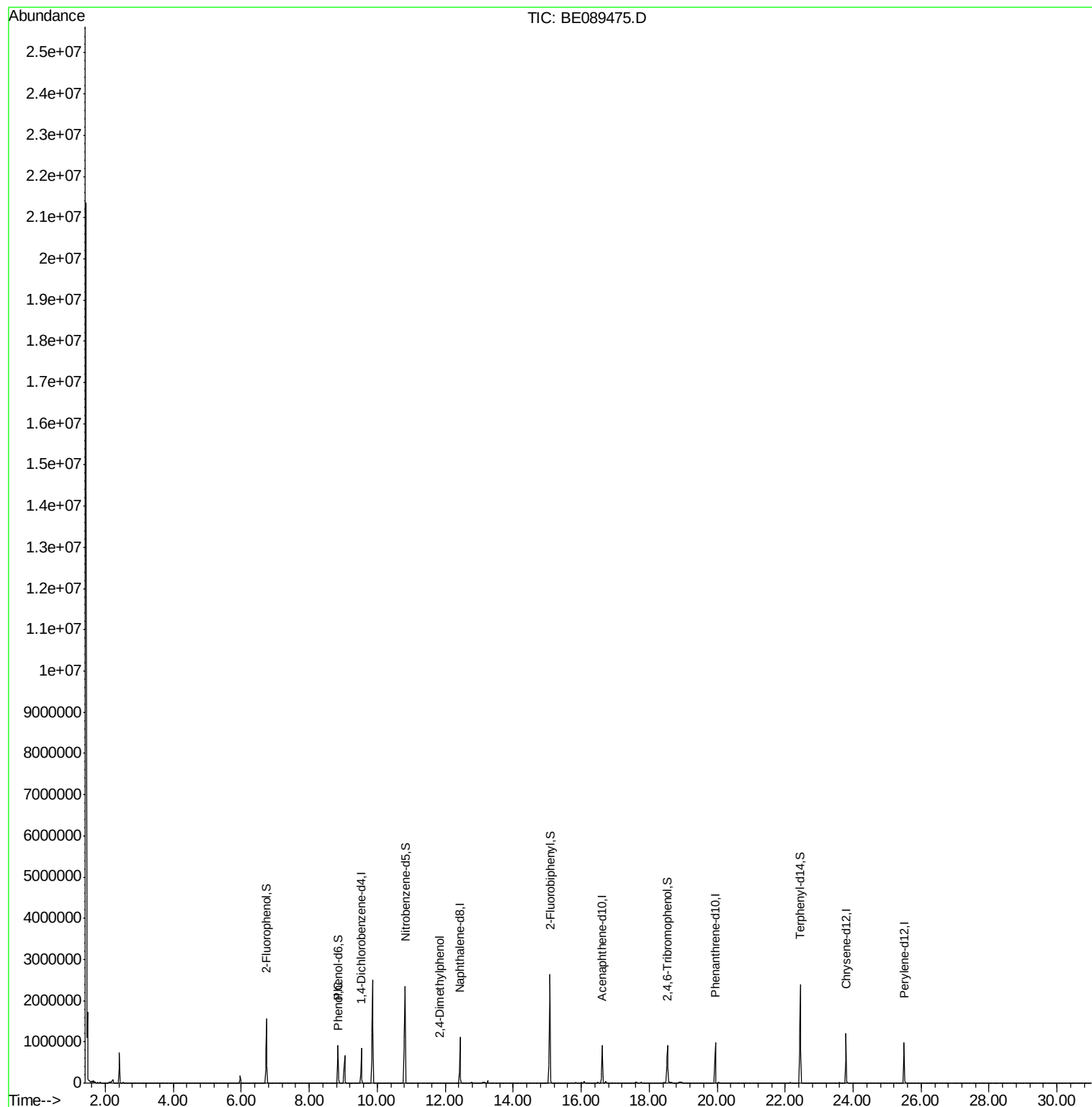
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE020315\
Data File : BE089475.D
Acq On : 3 Feb 2015 22:11
Operator : TP/IZ
Sample : G1116-01
Misc : 4 TIME INT STD
ALS Vial : 57 Sample Multiplier: 4

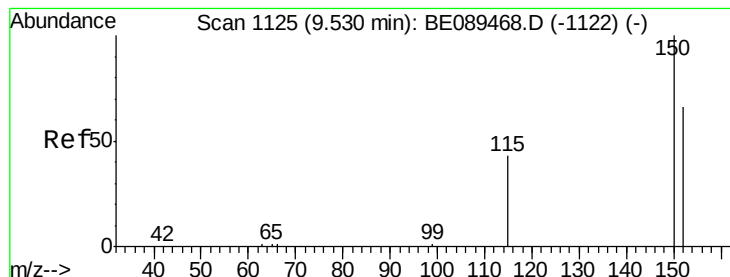
Instrument :
BNA_E
ClientSampleId :
SUMP

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QLast Update : Wed Feb 04 00:53:32 2015
Response via : Initial Calibration





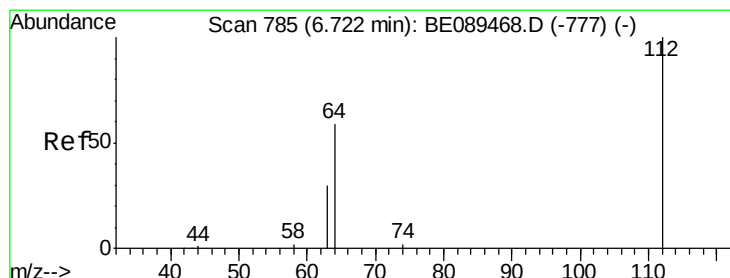
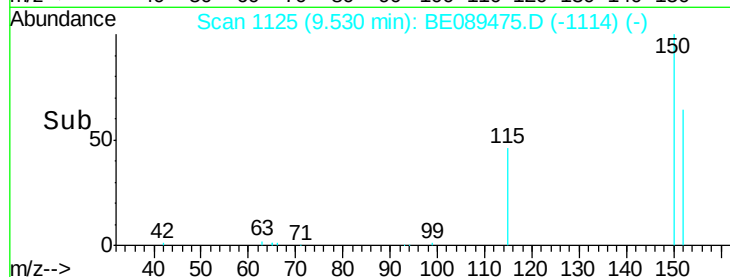
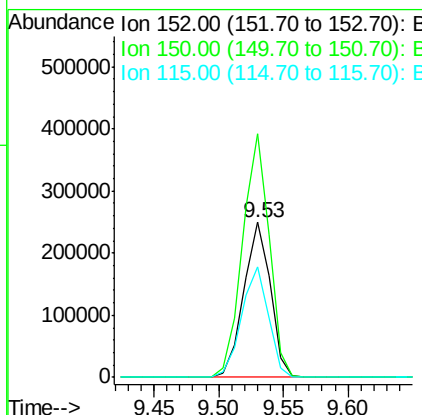
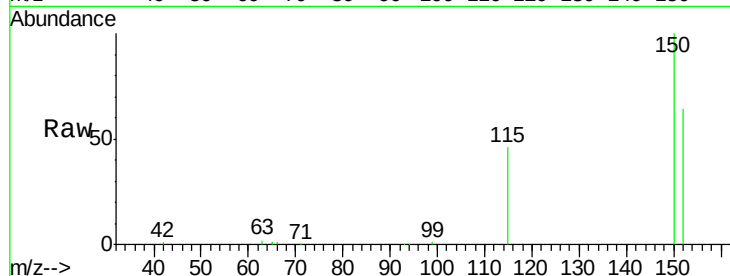
#1
 1,4-Dichlorobenzene-d4
 Concen: 5.00 ng
 RT: 9.53 min Scan# 1125
 Delta R.T. 0.00 min
 Lab File: BE089475.D
 Acq: 3 Feb 2015 22:11

Instrument :
 BNA_E
 ClientSampleId :
 SUMP

Tgt Ion	Ratio	Lower	Upper
152	100		
150	157.1	122.1	183.1
115	71.7	53.2	79.8

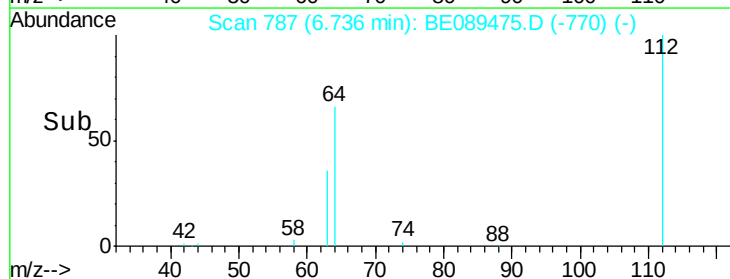
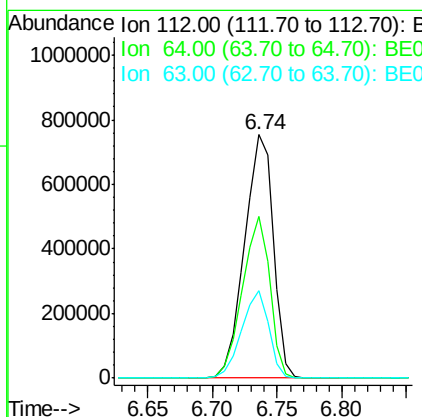
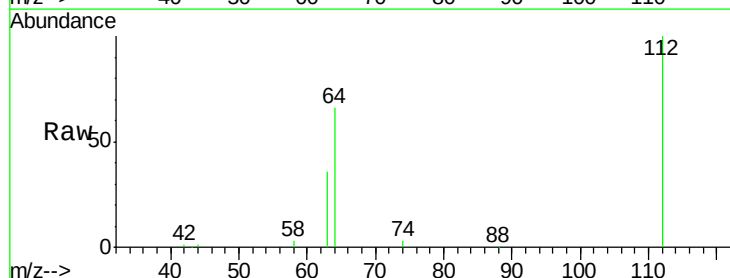
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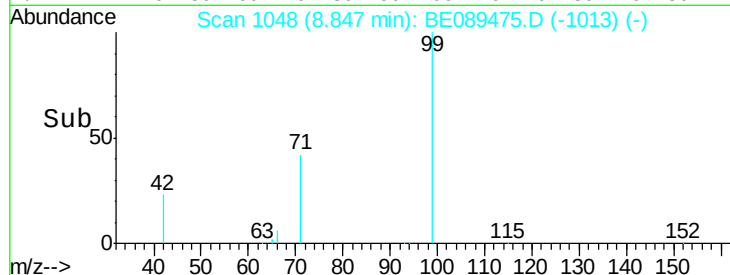
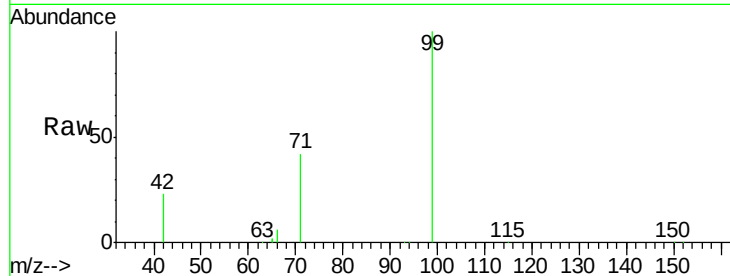
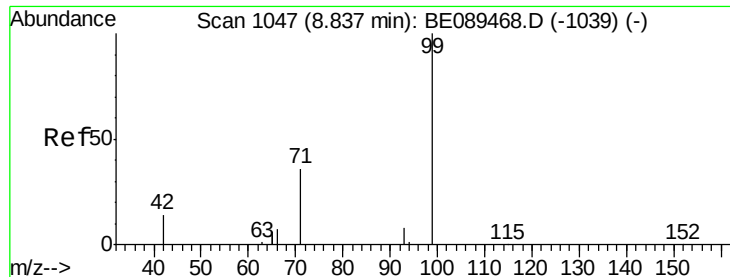
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#3
 2-Fluorophenol
 Concen: 40.21 ng
 RT: 6.74 min Scan# 787
 Delta R.T. 0.01 min
 Lab File: BE089475.D
 Acq: 3 Feb 2015 22:11

Tgt Ion	Ratio	Lower	Upper
112	100		
64	66.4	47.0	70.6
63	35.9	24.2	36.2





#4

Phenol-d6

Concen: 24.43 ng

RT: 8.85 min Scan# 1048

Delta R.T. 0.01 min

Lab File: BE089475.D

Acq: 3 Feb 2015 22:11

Instrument :

BNA_E

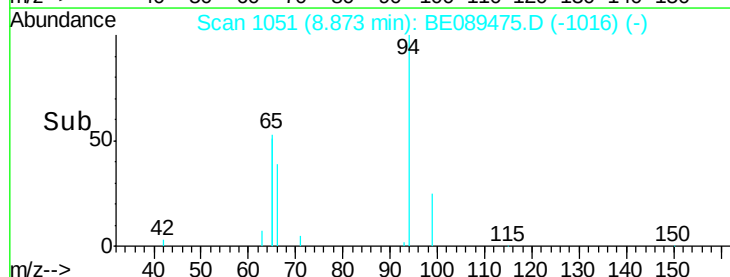
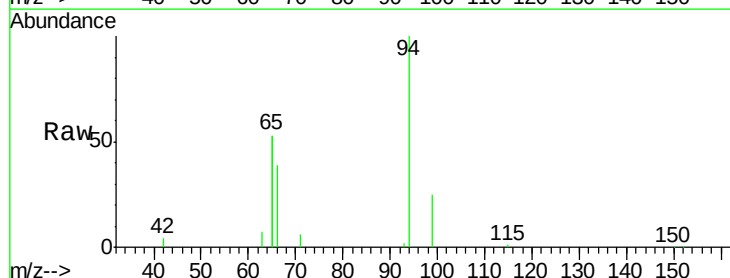
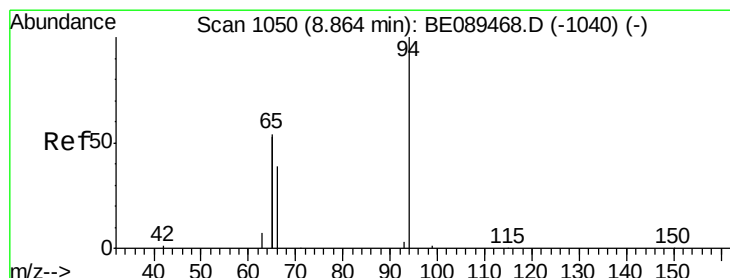
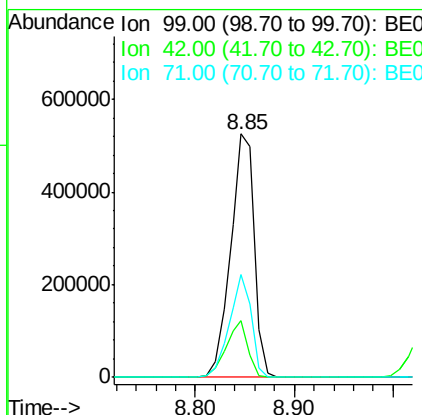
ClientSampleId :

SUMP

Tgt Ion:	99	Resp:	882503
Ion Ratio	Lower	Upper	
99	100		
42	23.3	11.8	17.6#
71	42.3	28.7	43.1

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#5

Phenol

Concen: 1.00 ng

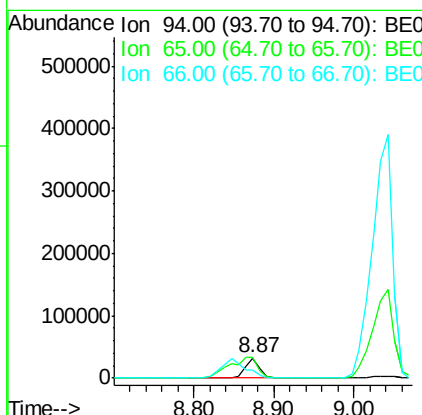
RT: 8.87 min Scan# 1051

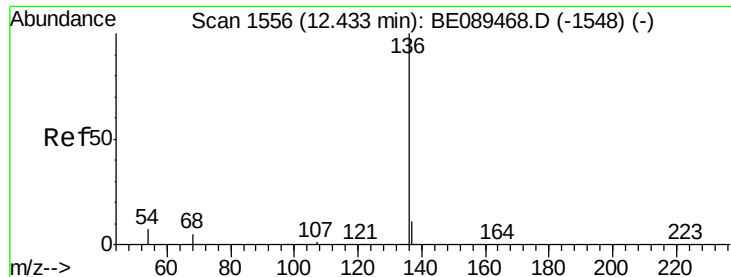
Delta R.T. 0.01 min

Lab File: BE089475.D

Acq: 3 Feb 2015 22:11

Tgt Ion:	94	Resp:	39509
Ion Ratio	Lower	Upper	
94	100		
65	105.6	33.9	73.9#
66	38.9	19.1	59.1





#7

Naphthalene-d8

Concen: 5.00 ng

RT: 12.43 min Scan# 1556

Delta R.T. 0.00 min

Lab File: BE089475.D

Acq: 3 Feb 2015 22:11

Instrument :

BNA_E

ClientSampled :

SUMP

Tgt Ion: 136 Resp: 1367676

Ion Ratio Lower Upper

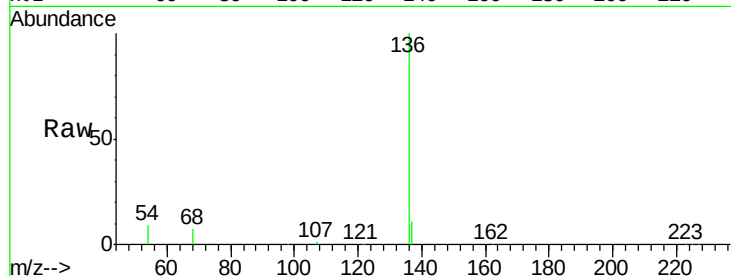
136 100

137 11.0 8.6 13.0

54 8.9 5.4 8.0#

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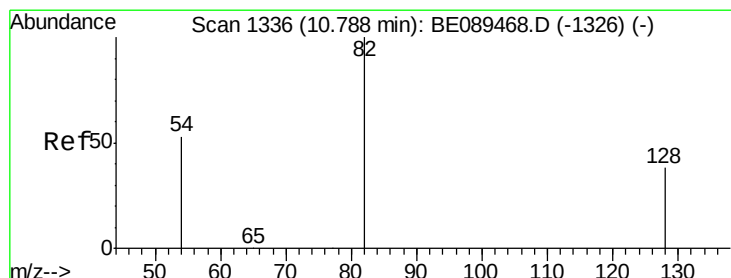
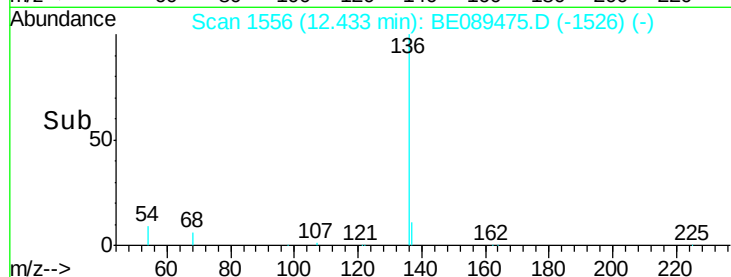
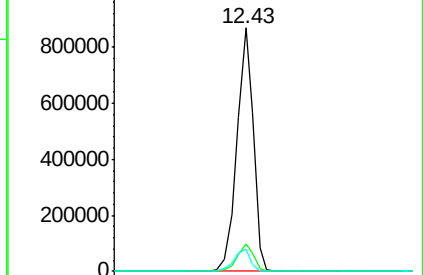
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Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE0



#8

Nitrobenzene-d5

Concen: 98.73 ng

RT: 10.82 min Scan# 1343

Delta R.T. 0.03 min

Lab File: BE089475.D

Acq: 3 Feb 2015 22:11

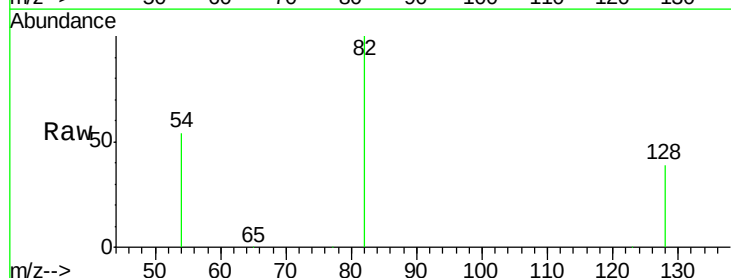
Tgt Ion: 82 Resp: 2553138

Ion Ratio Lower Upper

82 100

128 39.0 30.3 45.5

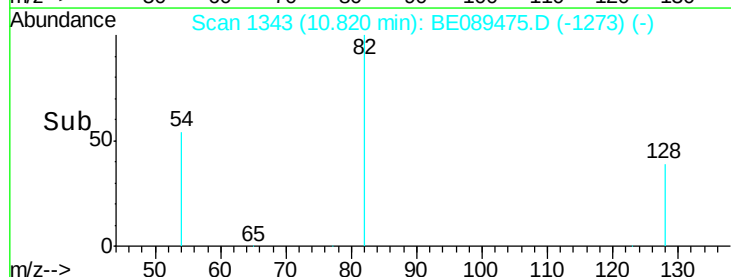
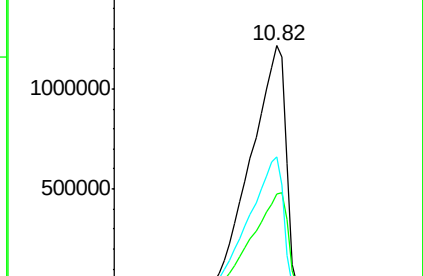
54 54.5 43.1 64.7

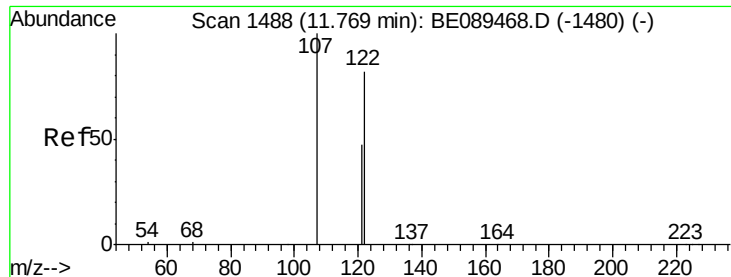


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





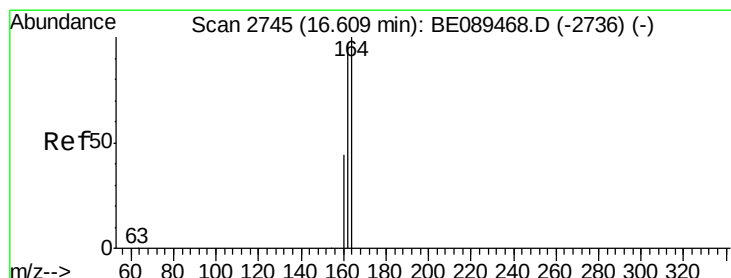
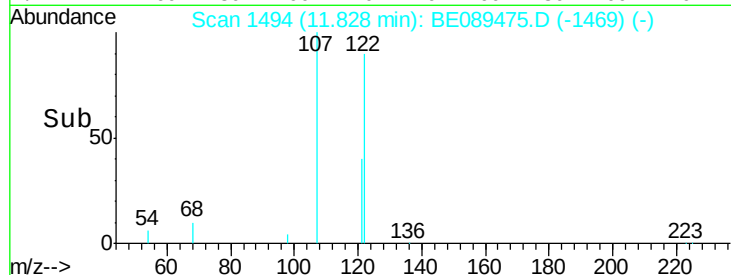
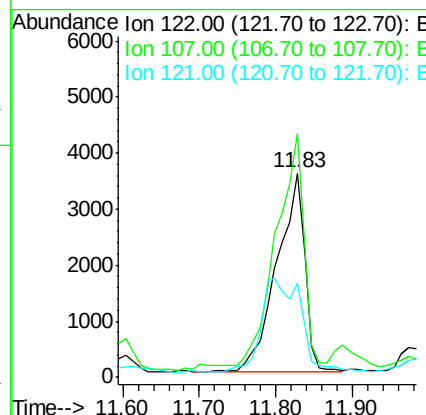
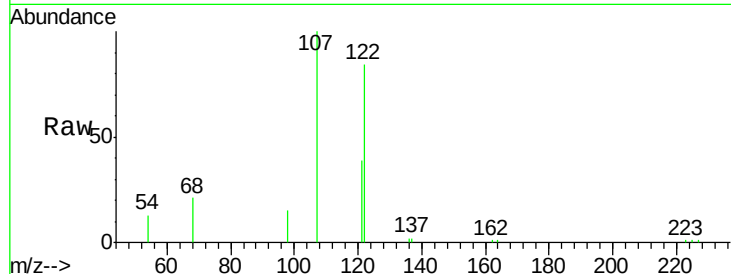
#10
2,4-Dimethylphenol
Concen: 0.42 ng
RT: 11.83 min Scan# 1494
Delta R.T. 0.06 min
Lab File: BE089475.D
Acq: 3 Feb 2015 22:11

Instrument :
BNA_E
ClientSampled :
SUMP

Tgt Ion	Ratio	Lower	Upper
122	100		
107	119.0	97.3	145.9
121	46.0	46.4	69.6

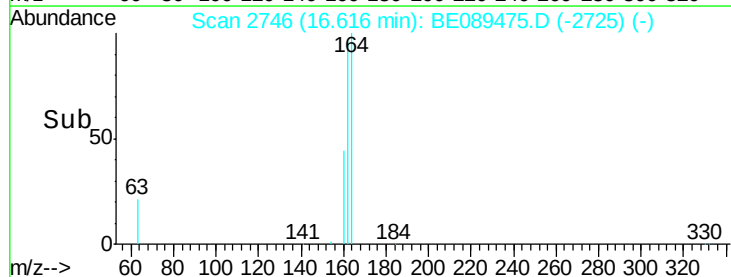
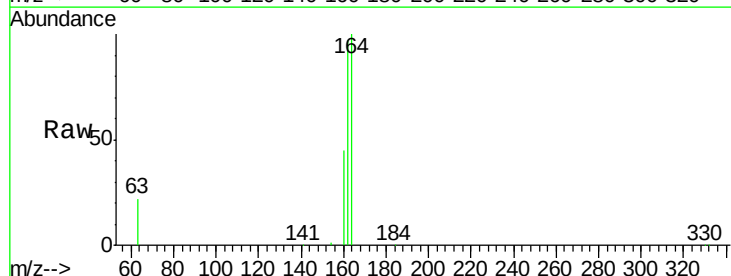
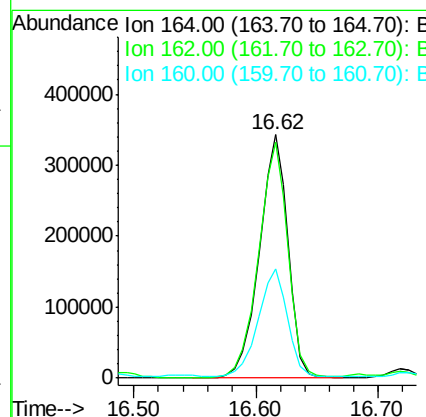
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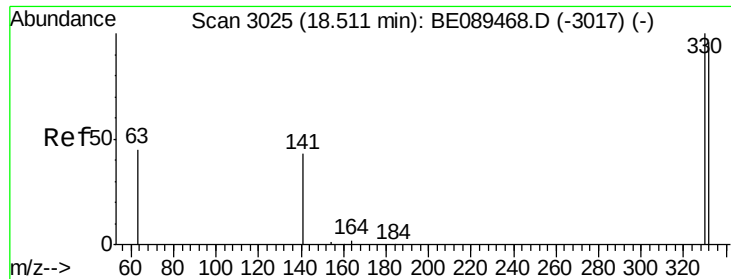
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#13
Acenaphthene-d10
Concen: 5.00 ng
RT: 16.62 min Scan# 2746
Delta R.T. 0.01 min
Lab File: BE089475.D
Acq: 3 Feb 2015 22:11

Tgt Ion	Ratio	Lower	Upper
164	100		
162	96.8	77.6	116.4
160	45.0	35.6	53.4





#14

2,4,6-Tribromophenol

Concen: 106.36 ng

RT: 18.55 min Scan# 3030

Delta R.T. 0.04 min

Lab File: BE089475.D

Acq: 3 Feb 2015 22:11

Instrument :

BNA_E

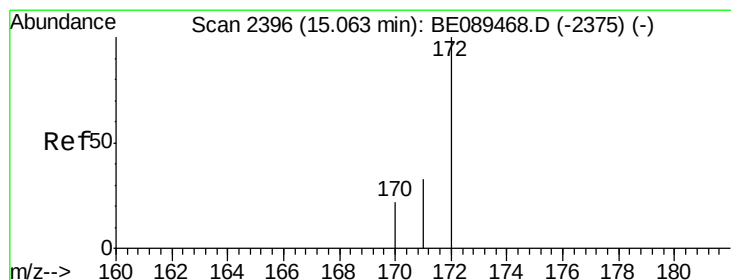
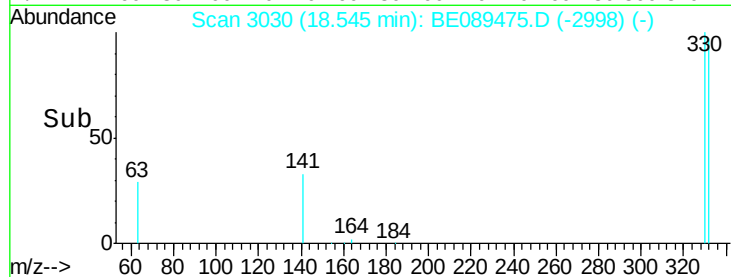
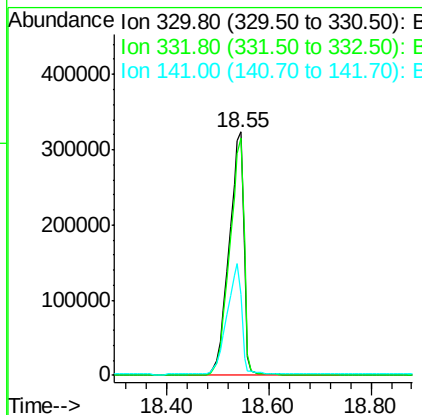
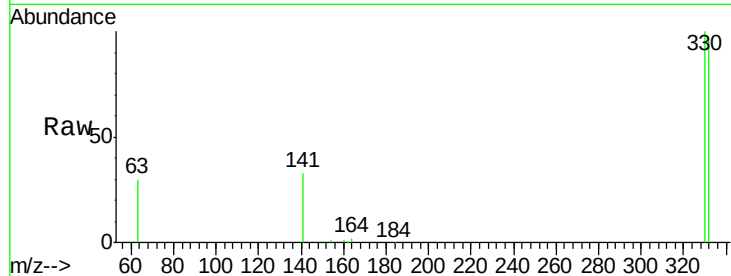
ClientSampleId :

SUMP

Tgt Ion:	330	Resp:	654565
Ion Ratio	Lower	Upper	
330	100		
332	96.0	78.0	117.0
141	45.7	33.8	50.6

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#15

2-Fluorobiphenyl

Concen: 86.53 ng

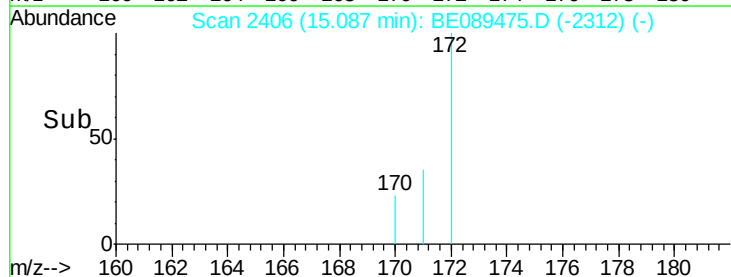
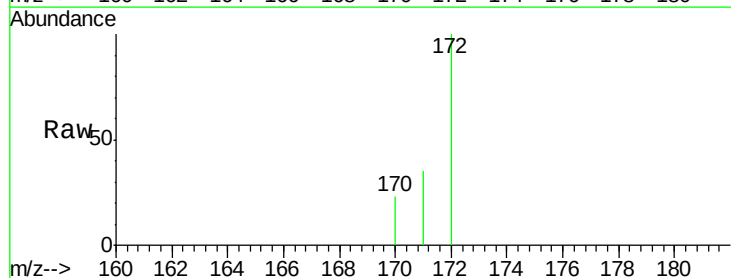
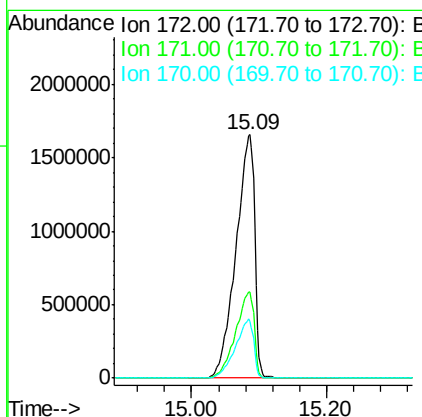
RT: 15.09 min Scan# 2406

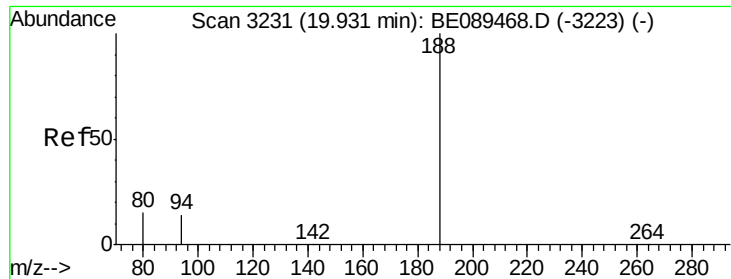
Delta R.T. 0.02 min

Lab File: BE089475.D

Acq: 3 Feb 2015 22:11

Tgt Ion:	172	Resp:	3201194
Ion Ratio	Lower	Upper	
172	100		
171	35.4	26.8	40.2
170	23.5	17.7	26.5





#17

Phenanthrene-d10

Concen: 5.00 ng

RT: 19.94 min Scan# 3233

Delta R.T. 0.01 min

Lab File: BE089475.D

Acq: 3 Feb 2015 22:11

Instrument :

BNA_E

ClientSampled :

SUMP

Tgt Ion:188 Resp: 1053791

Ion Ratio Lower Upper

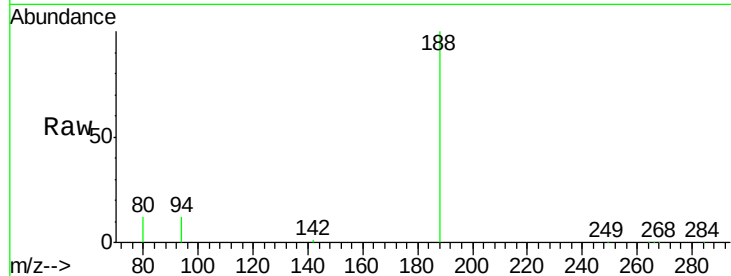
188 100

94 11.9 11.1 16.7

80 12.3 11.8 17.6

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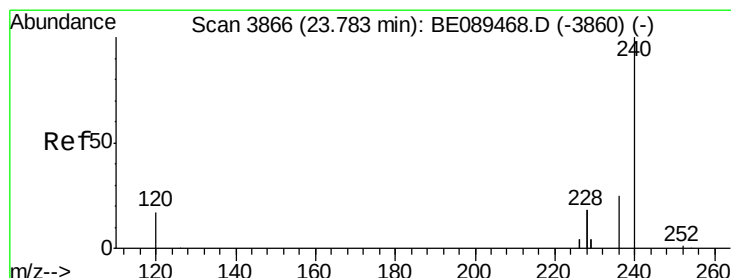
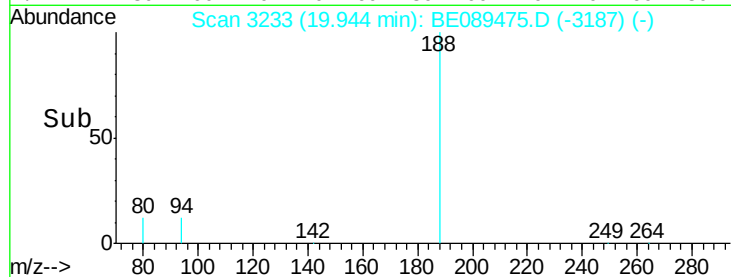
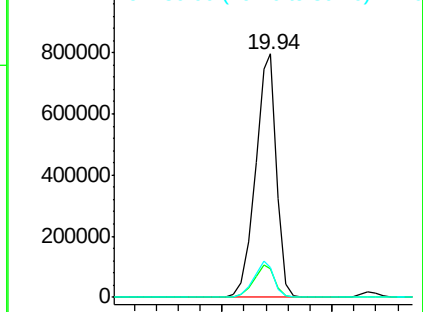
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Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0



#20

Chrysene-d12

Concen: 5.00 ng

RT: 23.79 min Scan# 3866

Delta R.T. 0.01 min

Lab File: BE089475.D

Acq: 3 Feb 2015 22:11

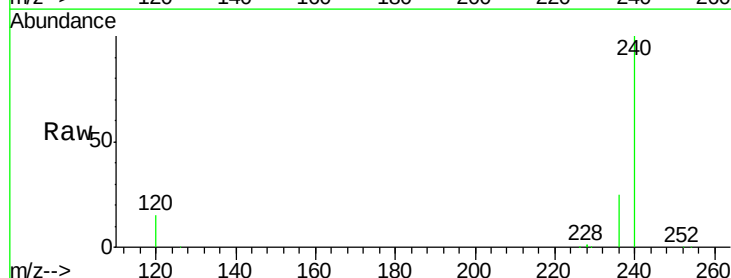
Tgt Ion:240 Resp: 1016463

Ion Ratio Lower Upper

240 100

120 14.9 13.8 20.6

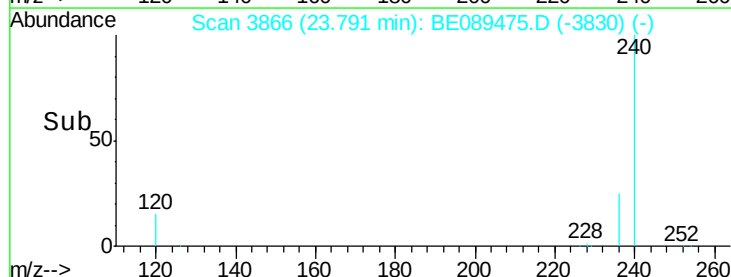
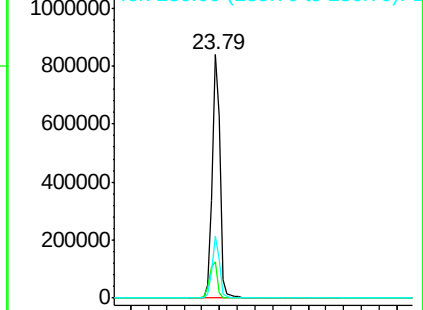
236 25.4 20.2 30.2

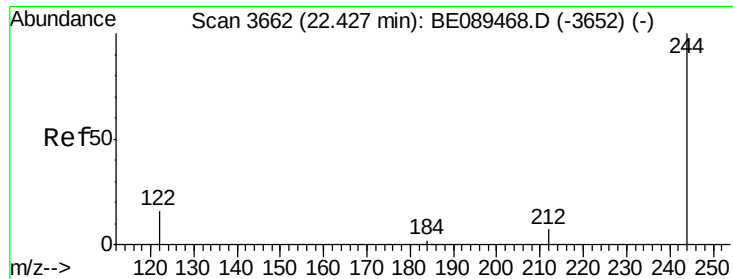


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





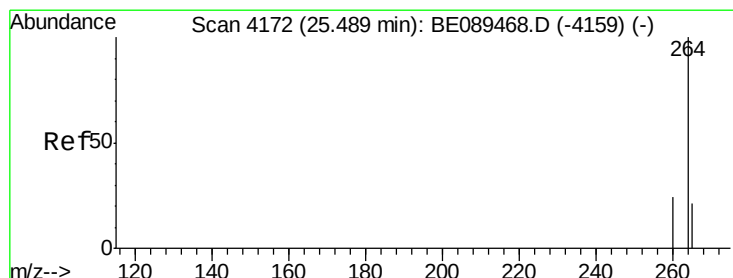
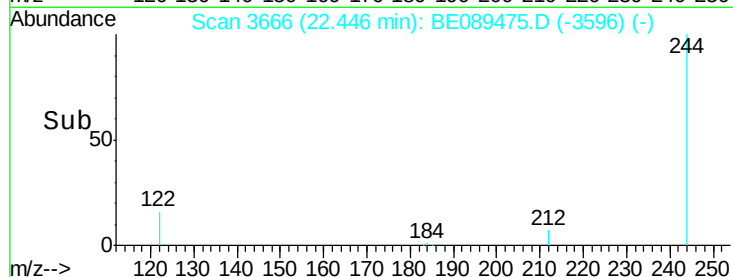
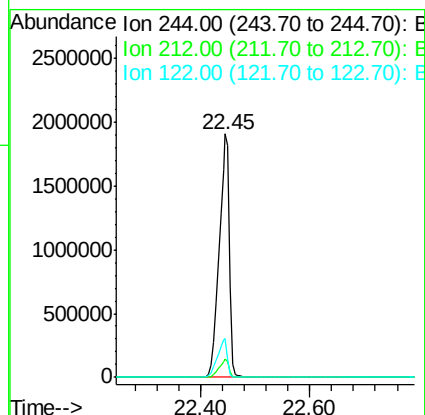
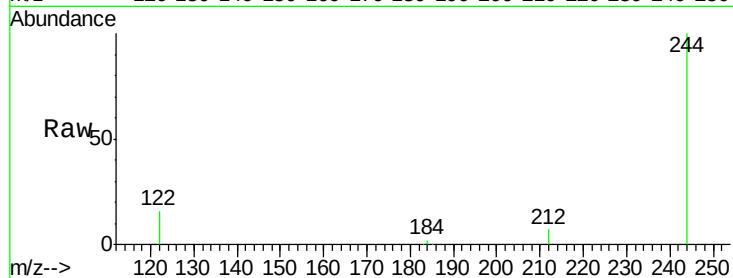
#22
 Terphenyl-d14
 Concen: 71.86 ng
 RT: 22.45 min Scan# 3666
 Delta R.T. 0.02 min
 Lab File: BE089475.D
 Acq: 3 Feb 2015 22:11

Instrument :
 BNA_E
 ClientSampleId :
 SUMP

Tgt Ion:244 Resp: 2588487
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.5 8.3
 122 16.1 12.6 19.0

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#27
 Perylene-d12
 Concen: 5.00 ng
 RT: 25.50 min Scan# 4173
 Delta R.T. 0.01 min
 Lab File: BE089475.D
 Acq: 3 Feb 2015 22:11

Tgt Ion:264 Resp: 956483
 Ion Ratio Lower Upper
 264 100
 260 24.4 19.1 28.7
 265 21.6 17.0 25.6

