

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE070117\
 Data File : BE093387.D
 Acq On : 1 Jul 2017 11:43
 Operator : SJ/JU
 Sample : PB99833BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB99833BL

Manual Integrations
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Quant Time: Jul 03 05:22:31 2017
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE070117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jul 01 15:43:24 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	2617	0.40	ng	-0.01
7) Naphthalene-d8	10.74	136	11387	0.40	ng	0.00
13) Acenaphthene-d10	14.54	164	5514	0.40	ng	-0.01
19) Phenanthrene-d10	17.27	188	19257	0.40	ng	0.00
27) Chrysene-d12	21.43	240	27411	0.40	ng	-0.01
34) Perylene-d12	23.94	264	22927	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.53	112	3274	0.40	ng	0.00
5) Phenol-d6	7.10	99	4626	0.38	ng	0.00
8) Nitrobenzene-d5	9.08	82	2748	0.40	ng	-0.02
11) 2-Methylnaphthalene-d10	12.31	152	6380	0.35	ng	0.00
14) 2,4,6-Tribromophenol	16.03	330	694m	0.34	ng	0.00
15) 2-Fluorobiphenyl	13.18	172	9710	0.45	ng	0.00
25) Fluoranthene-d10	19.29	212	79041	0.45	ng	0.00
29) Terphenyl-d14	19.88	244	18706	0.37	ng	0.00

Target Compounds Qvalue

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

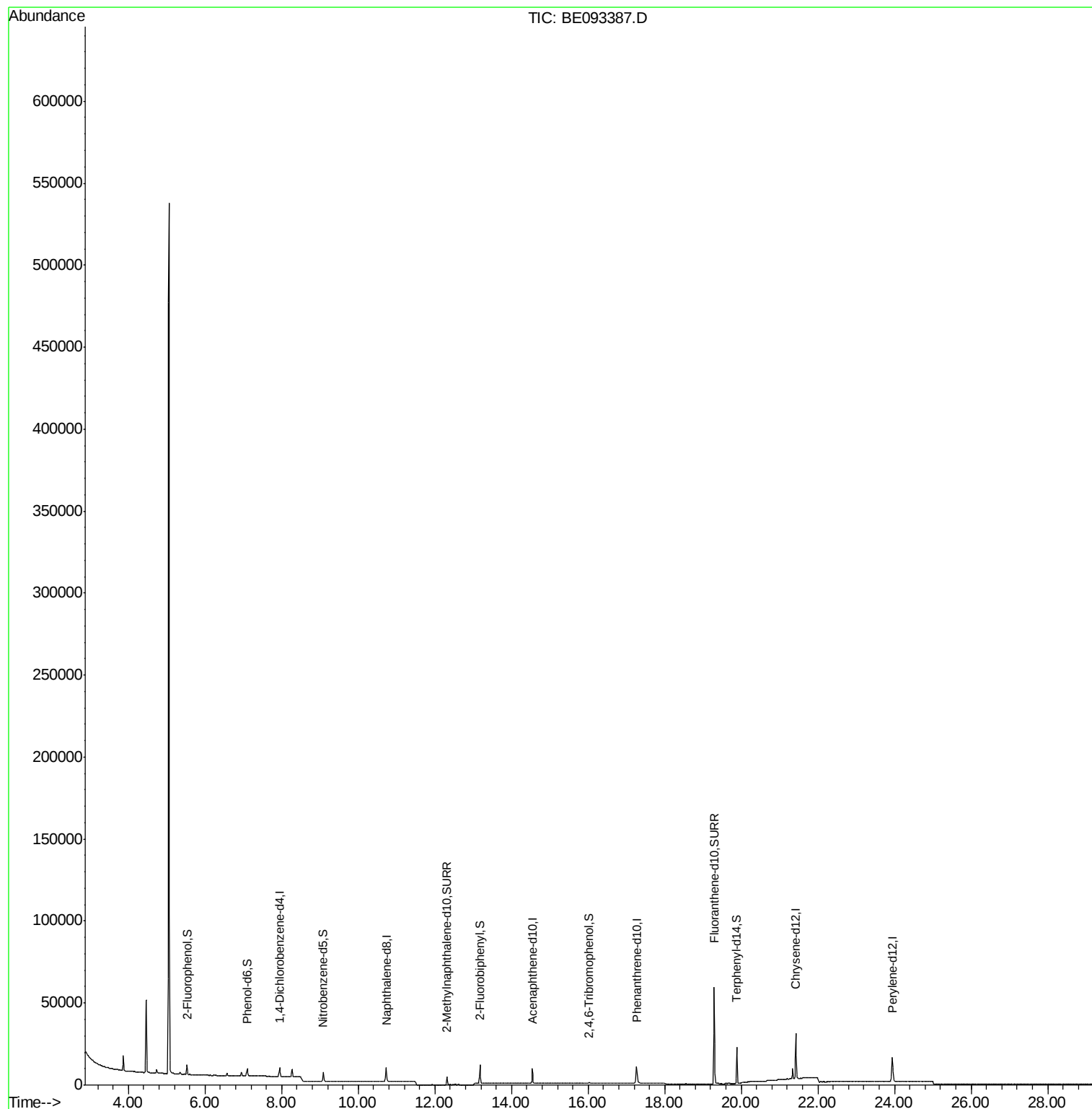
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE070117\
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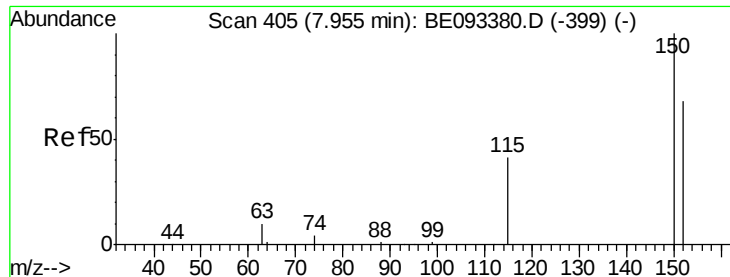
Instrument :
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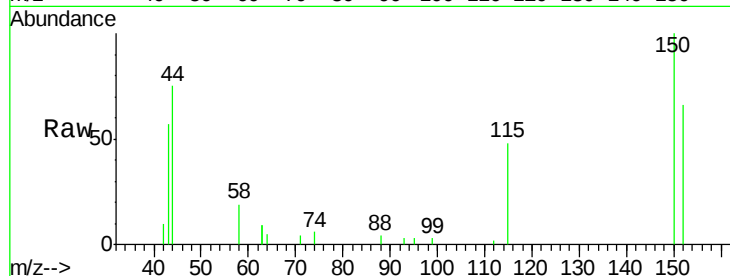




#1

1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.95 min Scan# 404
Delta R.T. -0.01 min
Lab File: BE093387.D
Acq: 1 Jul 2017 11:43

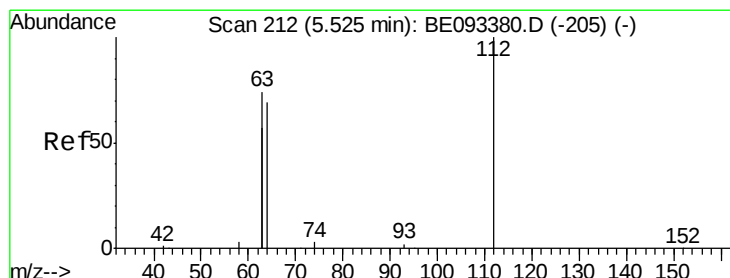
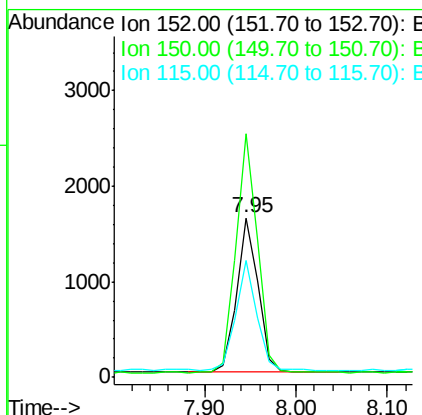
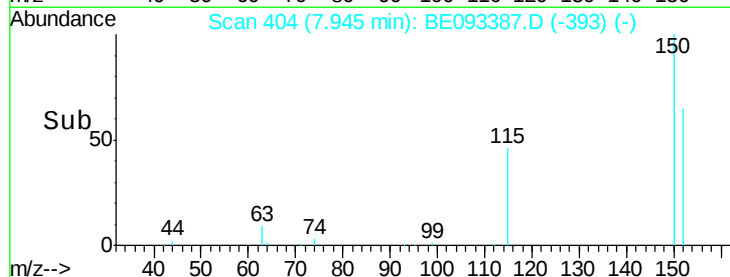
Instrument :
BNA_E
ClientSampleId :
PB99833BL



Tgt Ion	Ratio	Lower	Upper
152	100		
150	152.6	125.1	187.7
115	73.2	55.7	83.5

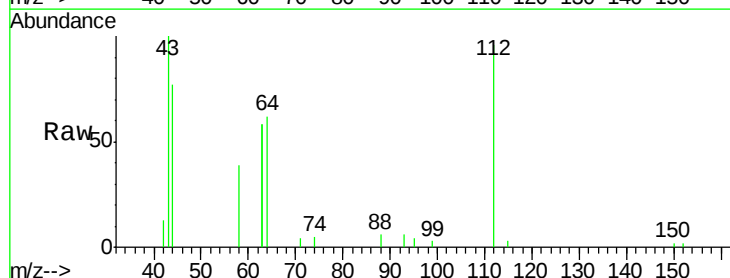
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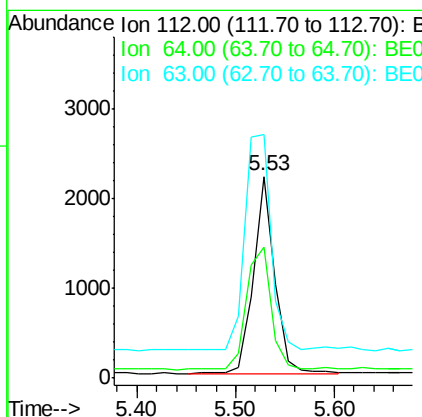
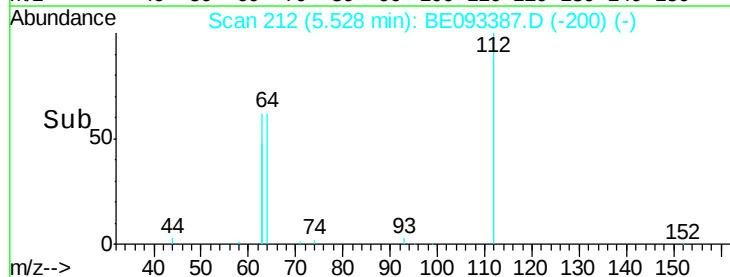


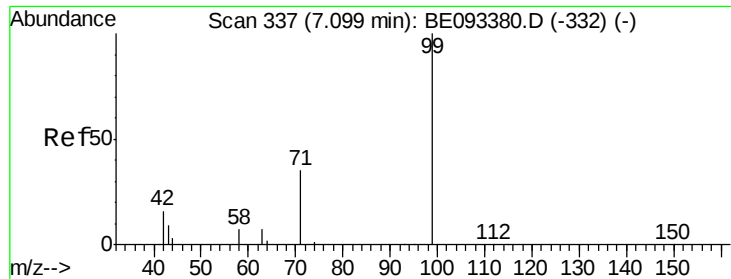
#4

2-Fluorophenol
Concen: 0.401 ng
RT: 5.53 min Scan# 212
Delta R.T. 0.00 min
Lab File: BE093387.D
Acq: 1 Jul 2017 11:43



Tgt Ion	Ratio	Lower	Upper
112	100		
64	73.3	56.4	84.6
63	134.6	29.3	43.9#





#5

Phenol-d6

Concen: 0.380 ng

RT: 7.10 min Scan# 337

Delta R.T. 0.00 min

Lab File: BE093387.D

Acq: 1 Jul 2017 11:43

Instrument :

BNA_E

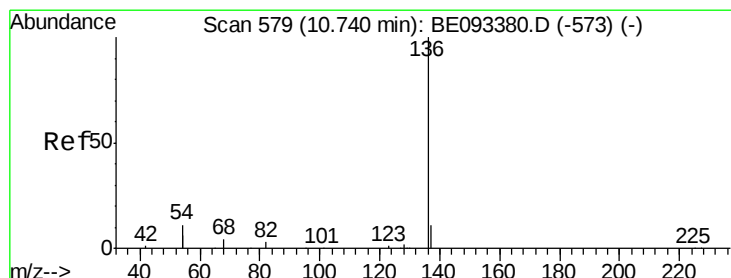
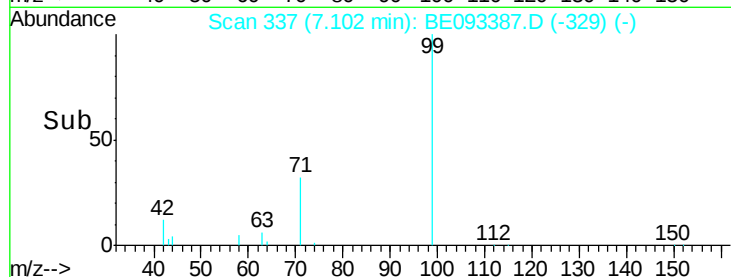
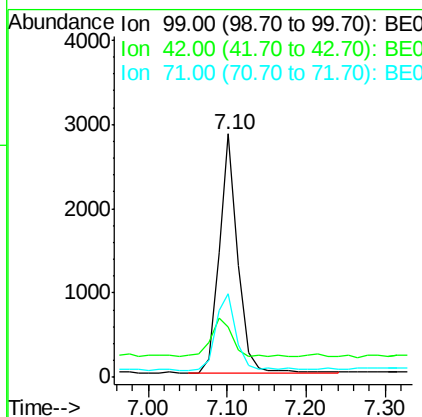
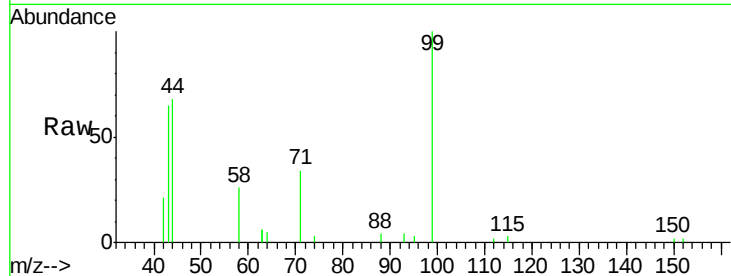
ClientSampleId :

PB99833BL

Tgt Ion:	99	Resp:	4626
Ion Ratio	Lower	Upper	
99	100		
42	17.9	0.0	0.0#
71	34.8	0.0	0.0#

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#7

Naphthalene-d8

Concen: 0.400 ng

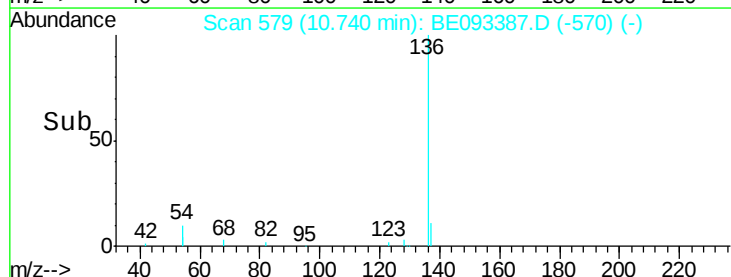
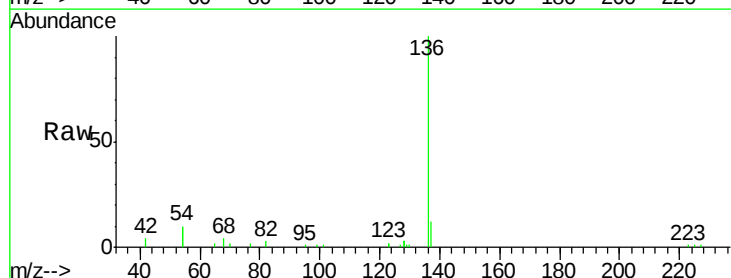
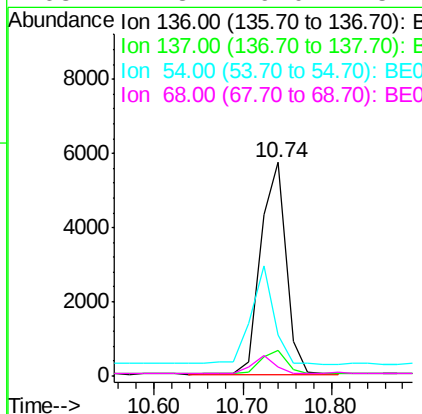
RT: 10.74 min Scan# 579

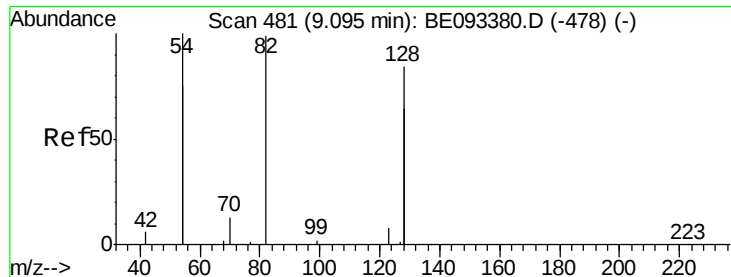
Delta R.T. 0.00 min

Lab File: BE093387.D

Acq: 1 Jul 2017 11:43

Tgt Ion:	136	Resp:	11387
Ion Ratio	Lower	Upper	
136	100		
137	12.2	9.8	14.8
54	19.2	10.3	15.5#
68	4.3	9.0	13.4#





#8

Nitrobenzene-d5

Concen: 0.405 ng

RT: 9.08 min Scan# 480

Delta R.T. -0.02 min

Lab File: BE093387.D

Acq: 1 Jul 2017 11:43

Instrument :

BNA_E

ClientSampleId :

PB99833BL

Tgt Ion: 82 Resp: 2748

Ion Ratio Lower Upper

82 100

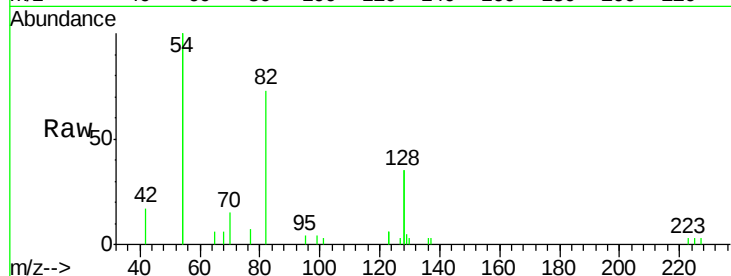
128 96.1 17.0 25.4#

54 273.2 53.8 80.6#

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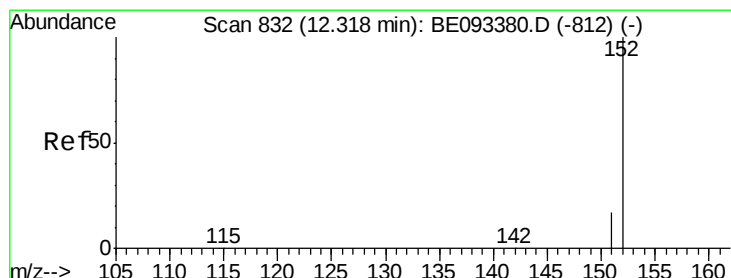
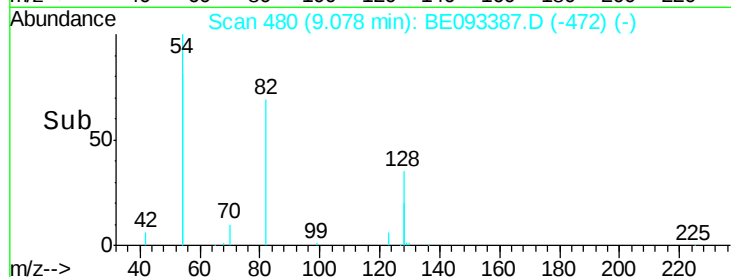
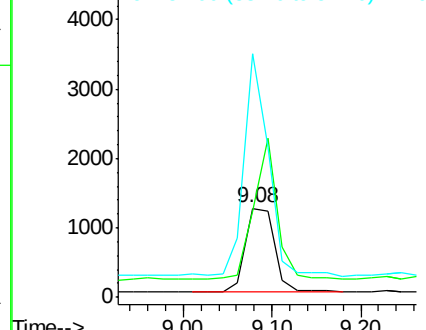
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Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): BE0

Ion 54.00 (53.70 to 54.70): BE0



#11

2-Methylnaphthalene-d10

Concen: 0.351 ng

RT: 12.31 min Scan# 831

Delta R.T. -0.00 min

Lab File: BE093387.D

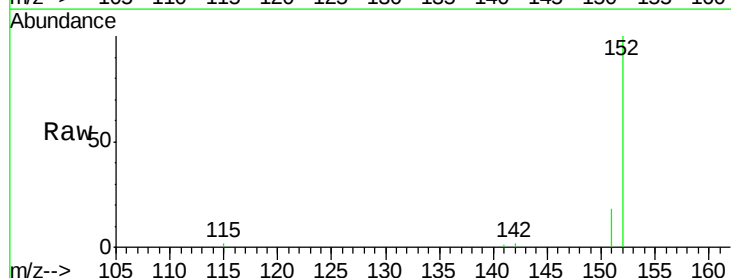
Acq: 1 Jul 2017 11:43

Tgt Ion: 152 Resp: 6380

Ion Ratio Lower Upper

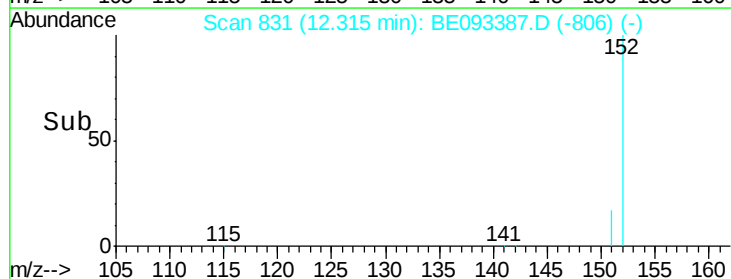
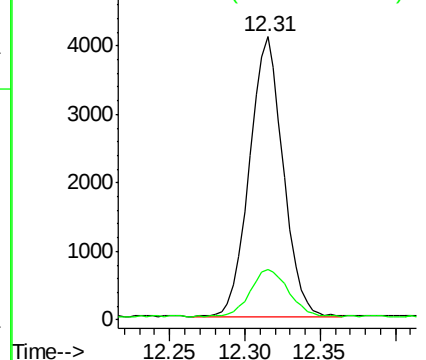
152 100

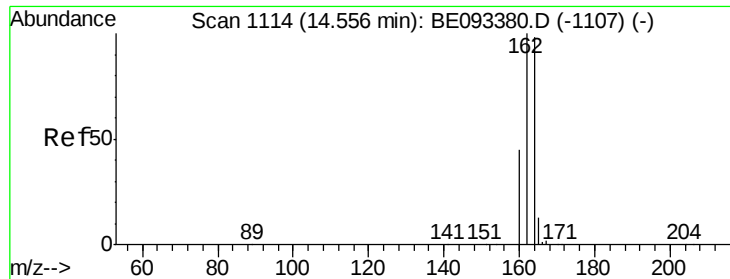
151 19.1 15.1 22.7



Abundance Ion 152.00 (151.70 to 152.70): BE0

Ion 151.00 (150.70 to 151.70): BE0





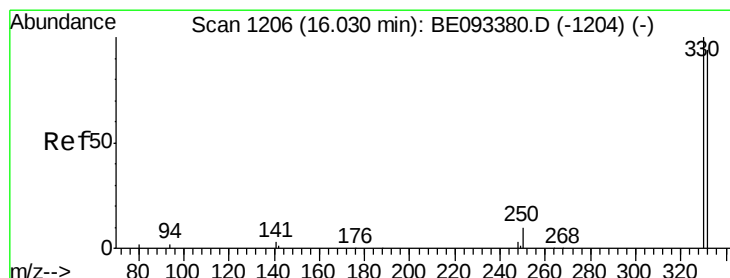
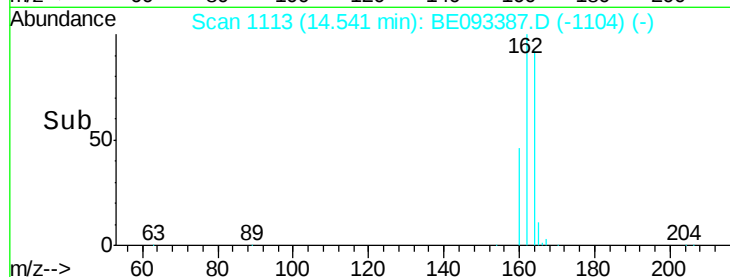
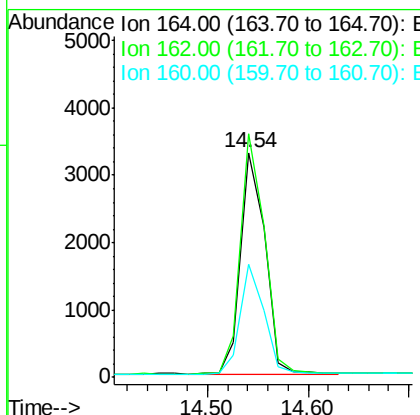
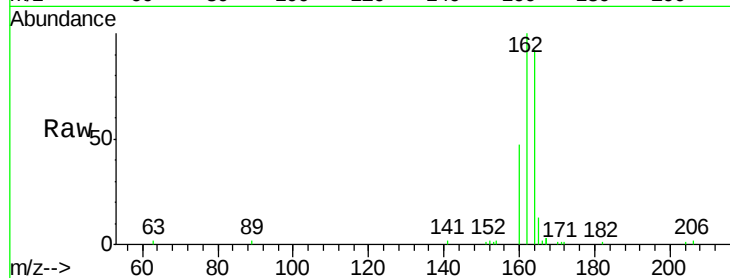
#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.54 min Scan# 1113
 Delta R.T. -0.01 min
 Lab File: BE093387.D
 Acq: 1 Jul 2017 11:43

Instrument :
 BNA_E
 ClientSampleId :
 PB99833BL

Tgt Ion	Ratio	Lower	Upper
164	100		
162	108.5	84.6	127.0
160	50.6	41.8	62.6

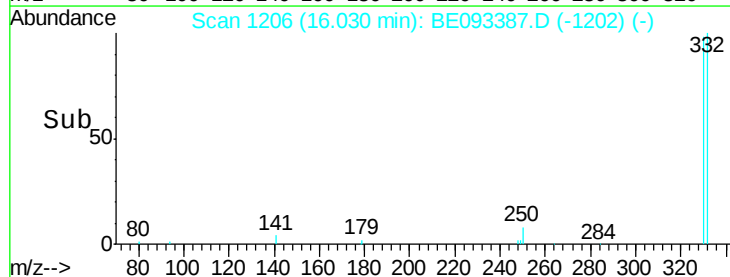
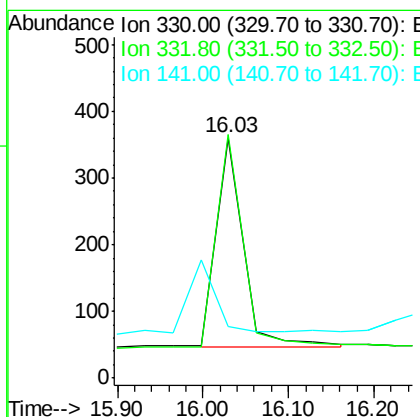
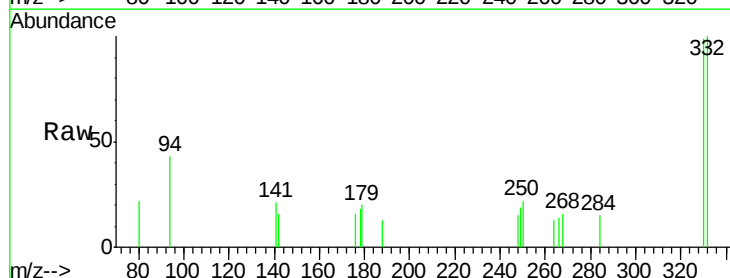
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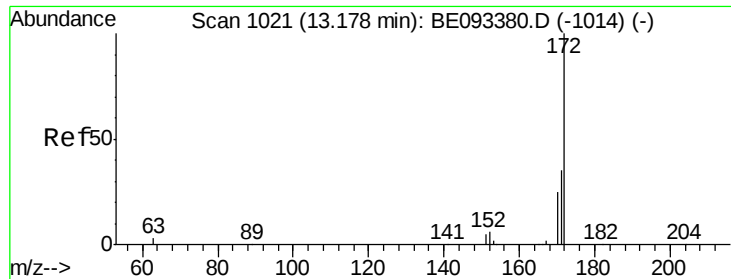
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#14
 2,4,6-Tribromophenol
 Concen: 0.336 ng m
 RT: 16.03 min Scan# 1206
 Delta R.T. 0.00 min
 Lab File: BE093387.D
 Acq: 1 Jul 2017 11:43

Tgt Ion	Ratio	Lower	Upper
330	100		
332	0.0	77.7	116.5#
141	0.0	56.2	84.4#





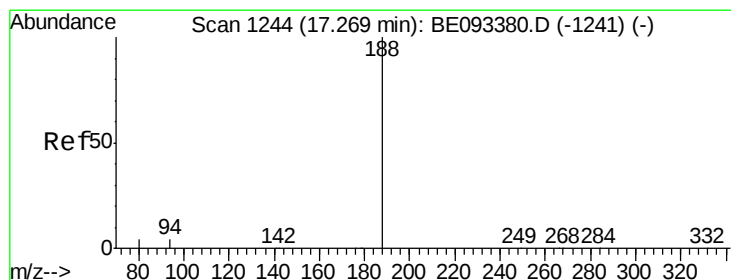
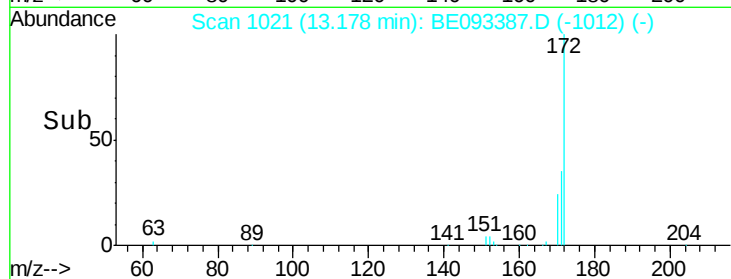
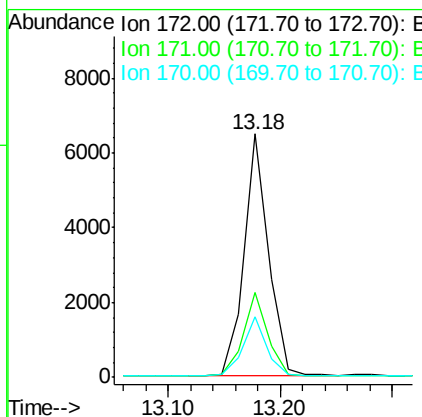
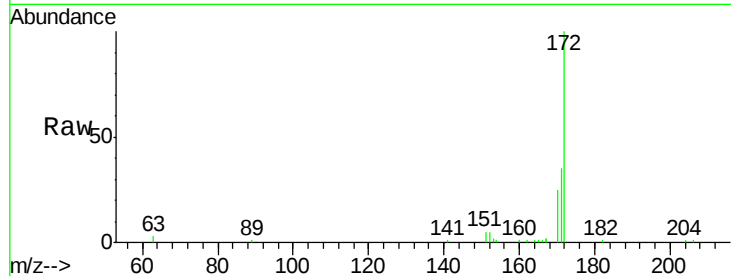
#15
2-Fluorobiphenyl
Concen: 0.450 ng
RT: 13.18 min Scan# 1021
Delta R.T. -0.00 min
Lab File: BE093387.D
Acq: 1 Jul 2017 11:43

Instrument :
BNA_E
ClientSampleId :
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Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.1	29.8	44.6
170	24.9	20.7	31.1

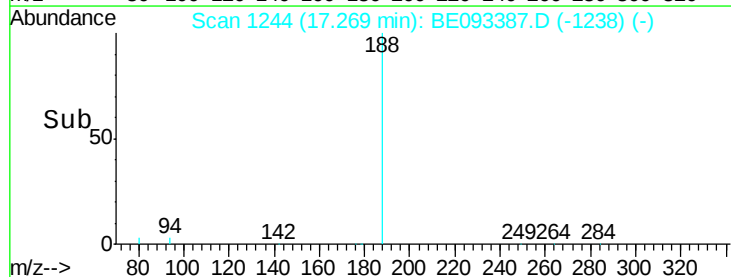
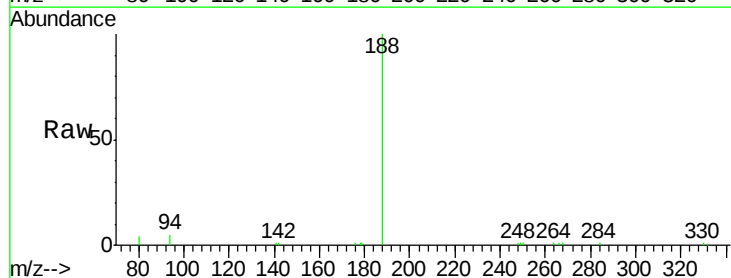
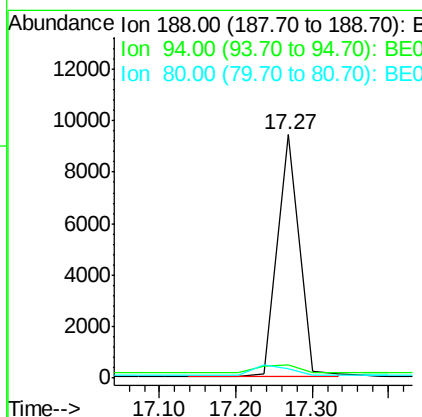
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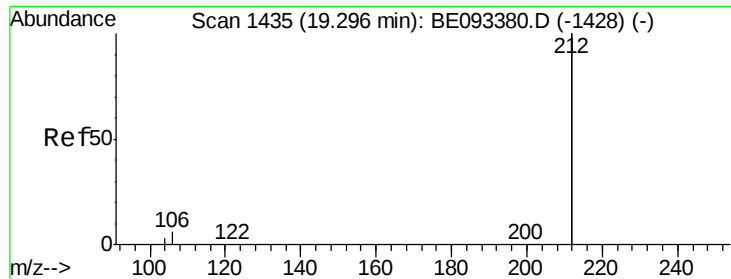
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#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.27 min Scan# 1244
Delta R.T. -0.00 min
Lab File: BE093387.D
Acq: 1 Jul 2017 11:43

Tgt Ion	Ratio	Lower	Upper
188	100		
94	5.3	11.3	16.9#
80	3.7	11.7	17.5#





#25

Fluoranthene-d10

Concen: 0.445 ng

RT: 19.29 min Scan# 1434

Delta R.T. -0.01 min

Lab File: BE093387.D

Acq: 1 Jul 2017 11:43

Instrument :

BNA_E

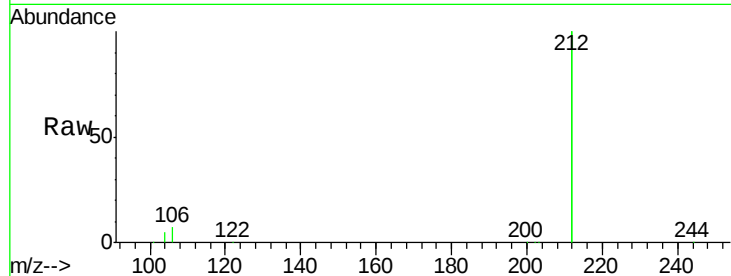
ClientSampleId :

PB99833BL

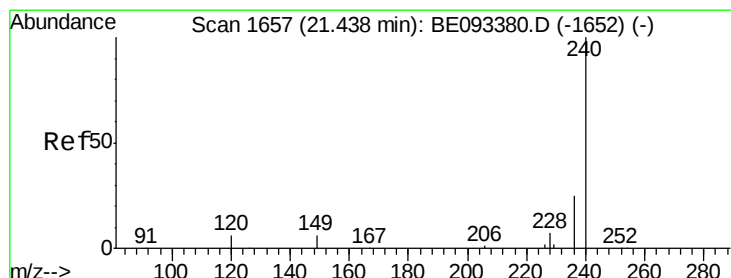
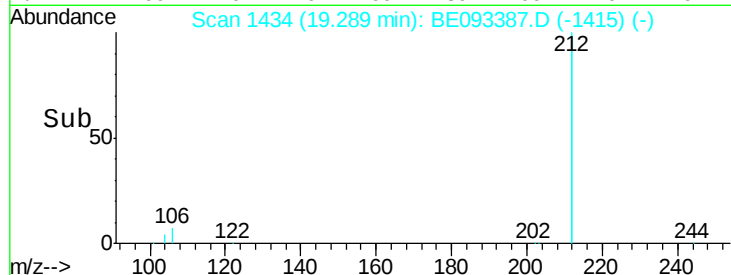
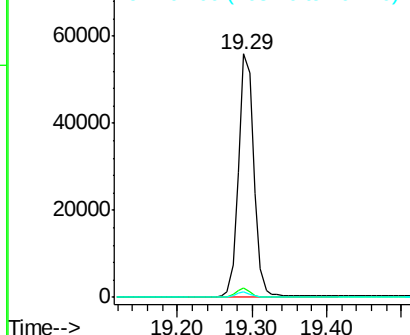
Tgt Ion:	212	Resp:	79041
Ion Ratio	Lower	Upper	
212	100		
106	3.5	2.4	3.6
104	1.9	1.6	2.4

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Abundance Ion 212.00 (211.70 to 212.70): E
Ion 106.00 (105.70 to 106.70): E
Ion 104.00 (103.70 to 104.70): E



#27

Chrysene-d12

Concen: 0.400 ng

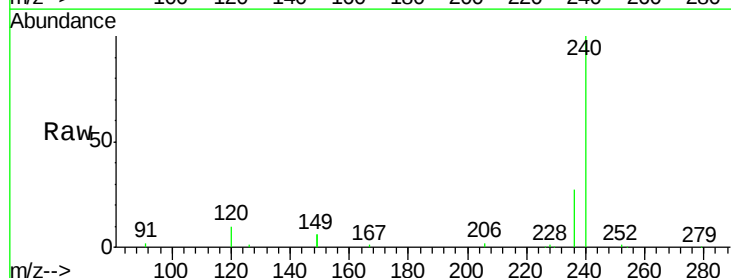
RT: 21.43 min Scan# 1656

Delta R.T. -0.01 min

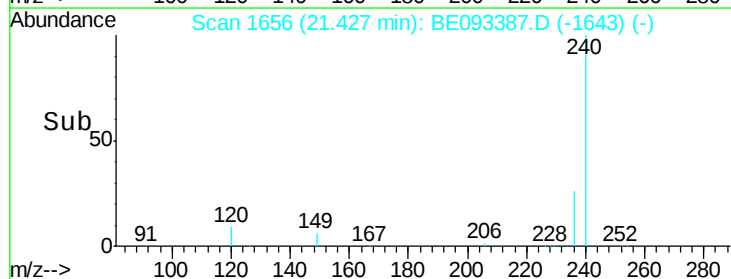
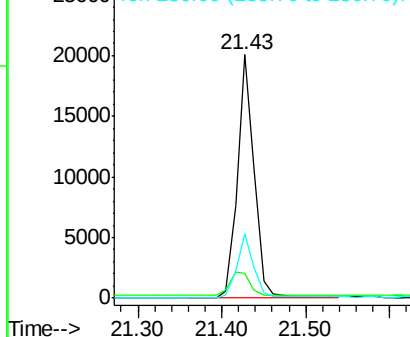
Lab File: BE093387.D

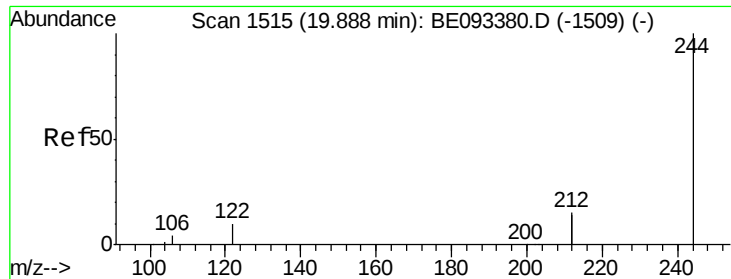
Acq: 1 Jul 2017 11:43

Tgt Ion:	240	Resp:	27411
Ion Ratio	Lower	Upper	
240	100		
120	10.3	4.6	7.0#
236	26.6	20.8	31.2



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





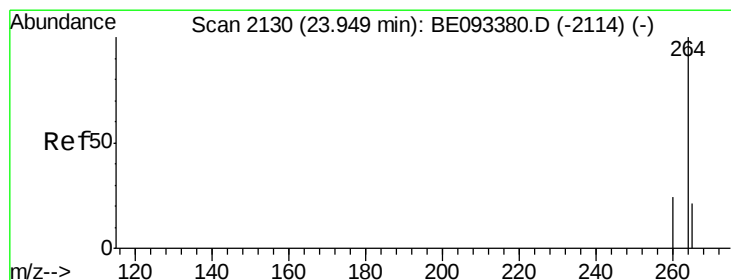
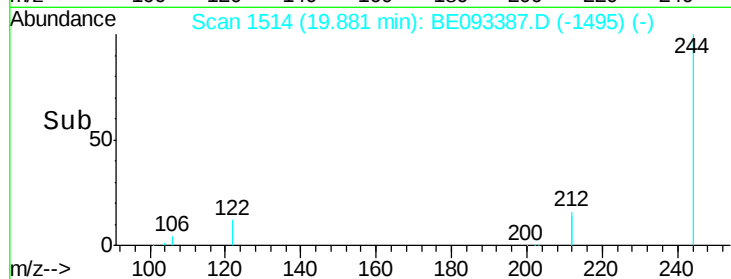
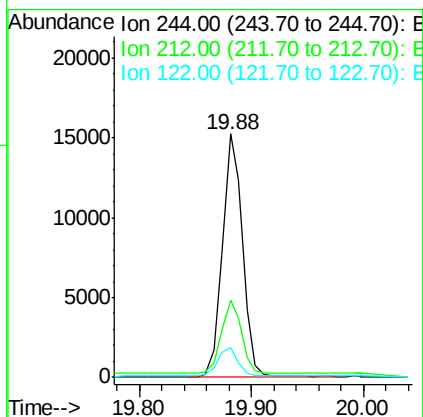
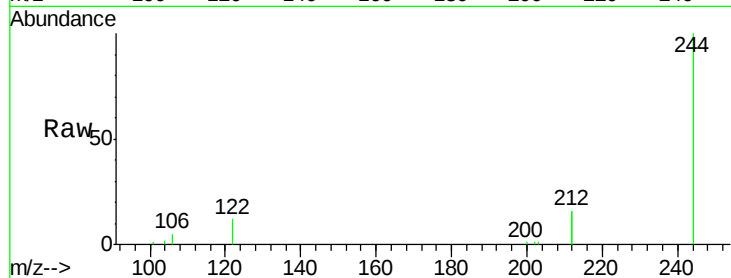
#29
 Terphenyl-d14
 Concen: 0.368 ng
 RT: 19.88 min Scan# 1514
 Delta R.T. -0.01 min
 Lab File: BE093387.D
 Acq: 1 Jul 2017 11:43

Instrument :
 BNA_E
 ClientSampleId :
 PB99833BL

Tgt Ion	Ratio	Resp Lower	Resp Upper
244	100		
212	31.5	10.6	16.0
122	12.1	15.4	23.0

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#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.94 min Scan# 2128
 Delta R.T. -0.01 min
 Lab File: BE093387.D
 Acq: 1 Jul 2017 11:43

Tgt Ion	Ratio	Resp Lower	Resp Upper
264	100		
260	25.0	21.0	31.4
265	32.7	24.6	36.8

