

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE082817\
 Data File : BE093891.D
 Acq On : 28 Aug 2017 10:57
 Operator : SJ/JU
 Sample : PB101832BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB101832BL

Manual Integrations
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Quant Time: Aug 28 12:06:13 2017
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE082617.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 28 11:26:07 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	1513	0.40	ng	0.00
7) Naphthalene-d8	10.71	136	7044	0.40	ng	0.00
13) Acenaphthene-d10	14.53	164	4107	0.40	ng	0.00
19) Phenanthrene-d10	17.27	188	10449m	0.40	ng	0.03
27) Chrysene-d12	21.41	240	12441	0.40	ng	0.00
34) Perylene-d12	23.93	264	10257	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.51	112	1667	0.36	ng	0.00
5) Phenol-d6	7.10	99	2120	0.30	ng	0.00
8) Nitrobenzene-d5	9.08	82	1862	0.32	ng	0.02
11) 2-Methylnaphthalene-d10	12.31	152	3691	0.33	ng	0.02
14) 2,4,6-Tribromophenol	16.03	330	350m	0.32	ng	0.00
15) 2-Fluorobiphenyl	13.18	172	5148m	0.32	ng	0.02
25) Fluoranthene-d10	19.28	212	46781	0.39	ng	0.00
29) Terphenyl-d14	19.87	244	8821	0.39	ng	0.00

Target Compounds Qvalue

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

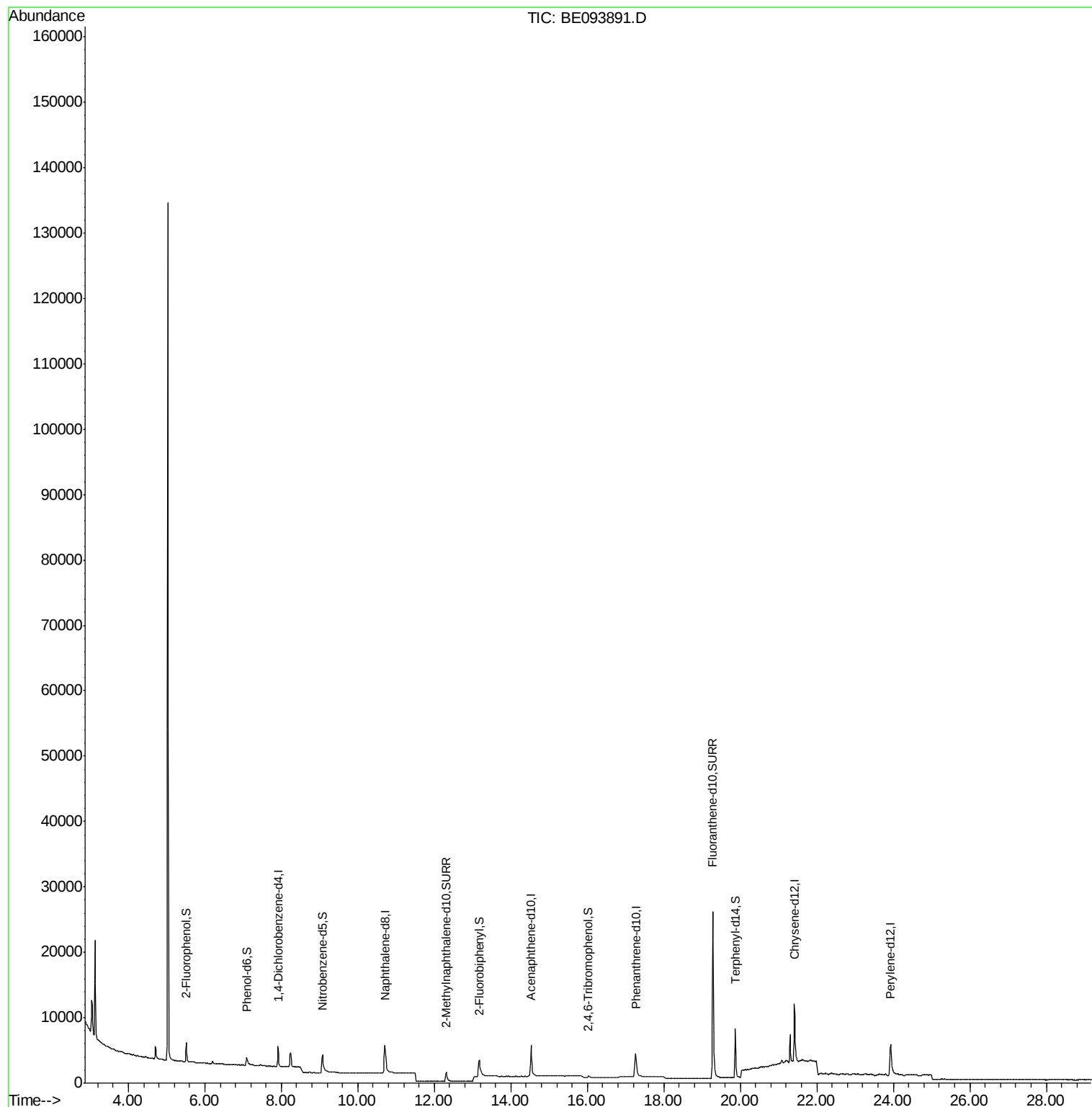
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE082817\
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ALS Vial : 4 Sample Multiplier: 1

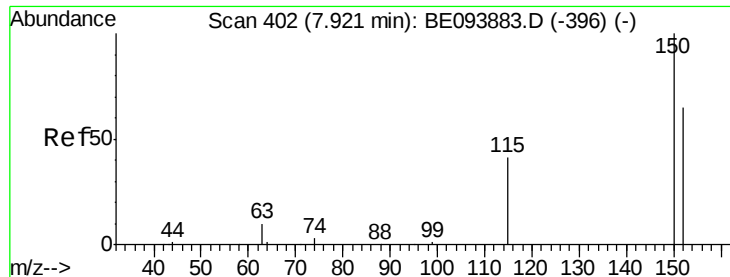
Instrument :
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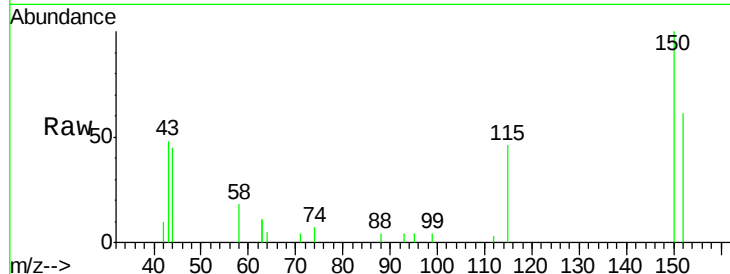
#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.92 min Scan# 402
 Delta R.T. -0.00 min
 Lab File: BE093891.D
 Acq: 28 Aug 2017 10:57

Instrument :
 BNA_E
 ClientSampleId :
 PB101832BL

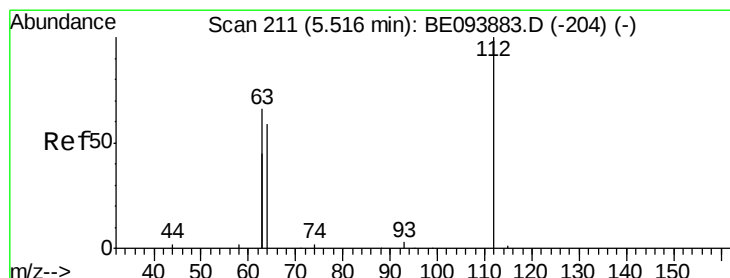
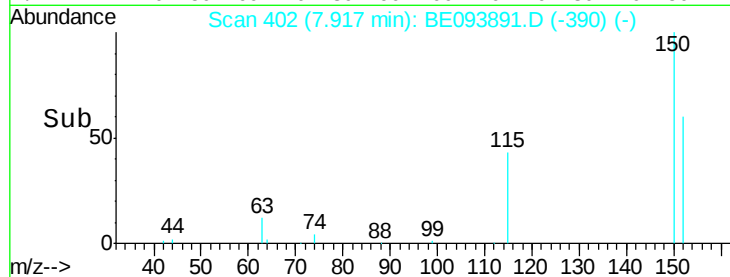
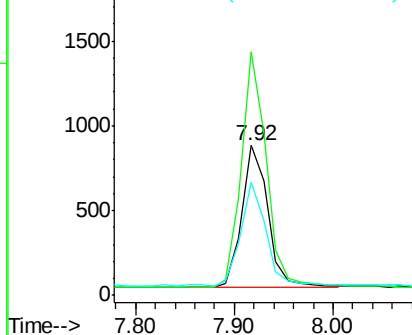
Tgt Ion:	152	Resp:	1513
Ion Ratio	Lower	Upper	
152	100		
150	162.6	121.8	182.6
115	75.2	52.6	79.0

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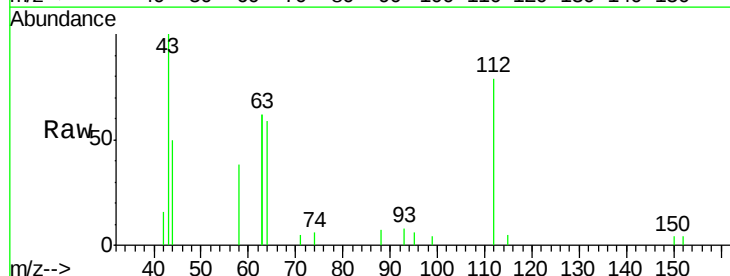


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

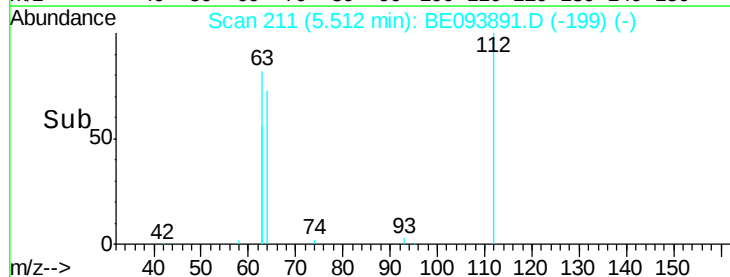
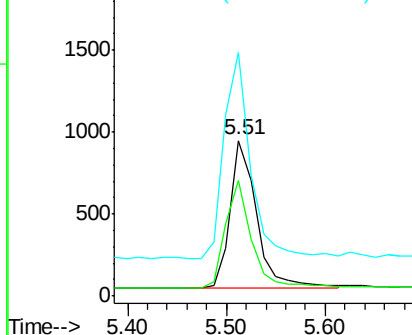


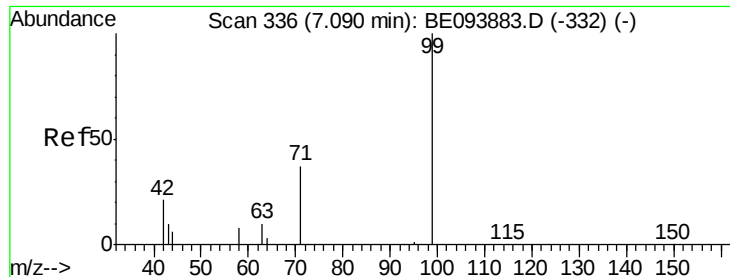
#4
 2-Fluorophenol
 Concen: 0.358 ng
 RT: 5.51 min Scan# 211
 Delta R.T. -0.00 min
 Lab File: BE093891.D
 Acq: 28 Aug 2017 10:57

Tgt Ion:	112	Resp:	1667
Ion Ratio	Lower	Upper	
112	100		
64	71.3	57.7	86.5
63	139.7	116.0	174.0



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: 0.298 ng

RT: 7.10 min Scan# 337

Delta R.T. 0.01 min

Lab File: BE093891.D

Acq: 28 Aug 2017 10:57

Instrument :

BNA_E

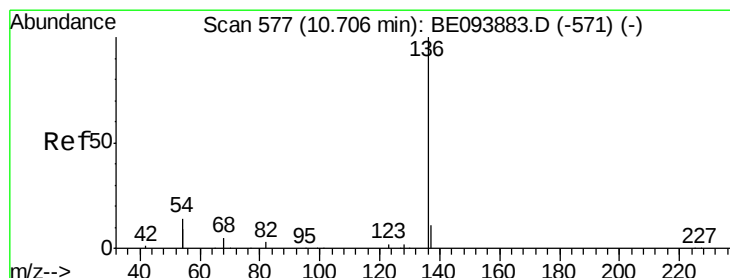
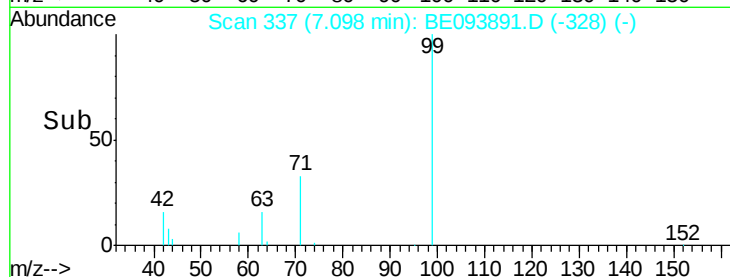
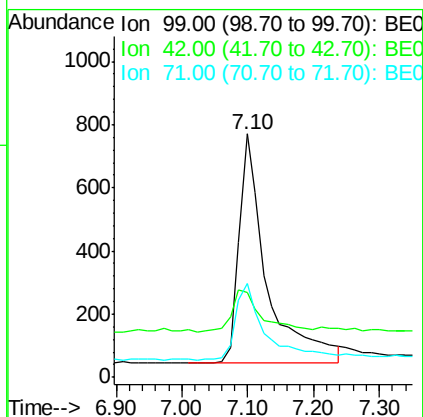
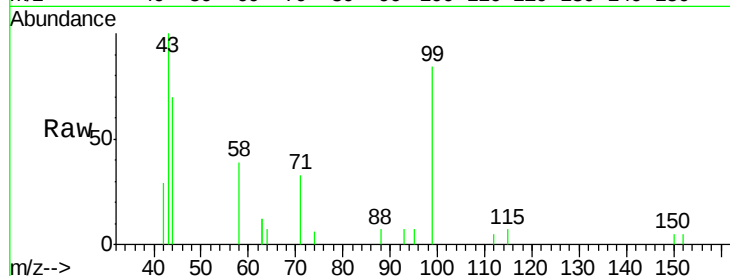
ClientSampled :

PB101832BL

Tgt Ion:	99	Resp:	2120
Ion Ratio	Lower	Upper	
99	100		
42	20.0	17.1	25.7
71	35.9	26.6	39.8

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#7

Naphthalene-d8

Concen: 0.400 ng

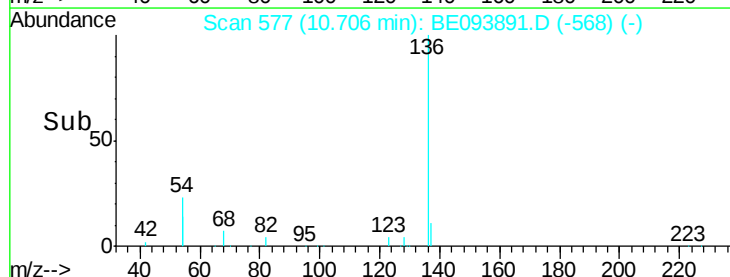
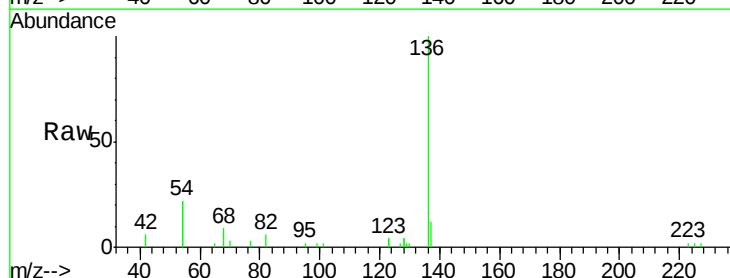
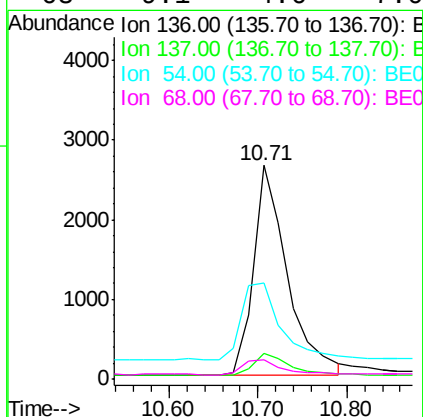
RT: 10.71 min Scan# 577

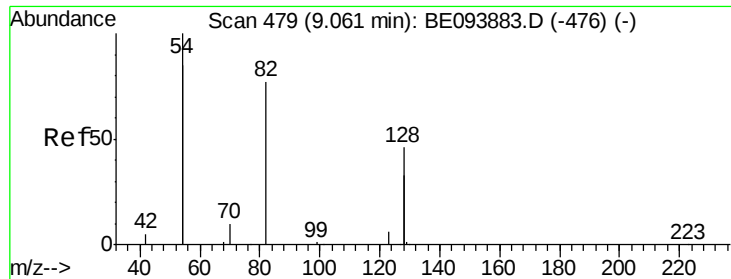
Delta R.T. -0.00 min

Lab File: BE093891.D

Acq: 28 Aug 2017 10:57

Tgt Ion:	136	Resp:	7044
Ion Ratio	Lower	Upper	
136	100		
137	12.2	9.2	13.8
54	44.9	21.9	32.9#
68	9.1	4.6	7.0#





#8

Nitrobenzene-d5

Concen: 0.317 ng

RT: 9.08 min Scan# 480

Delta R.T. 0.02 min

Lab File: BE093891.D

Acq: 28 Aug 2017 10:57

Instrument :

BNA_E

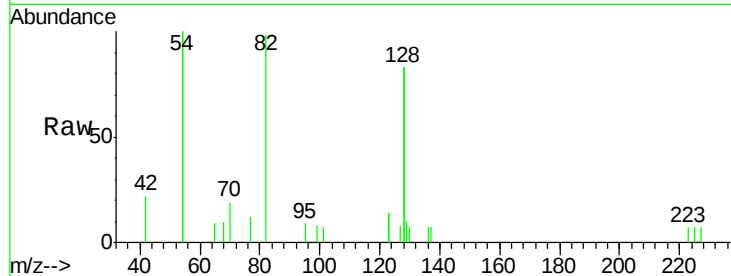
ClientSampled :

PB101832BL

Tgt Ion	Ratio	Lower	Upper
82	100		
128	169.2	91.4	137.0#
54	203.6	197.8	296.8

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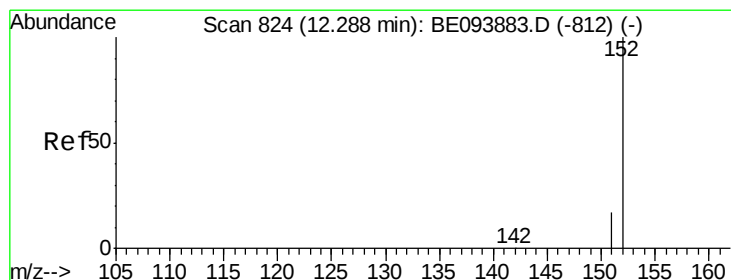
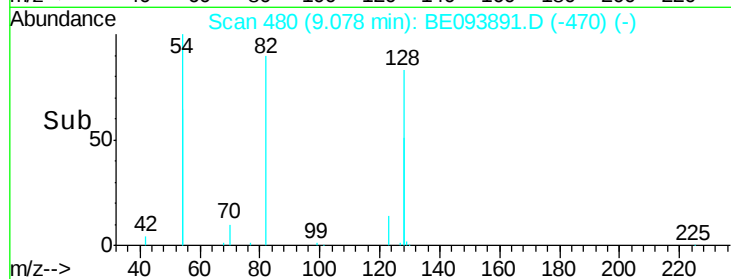
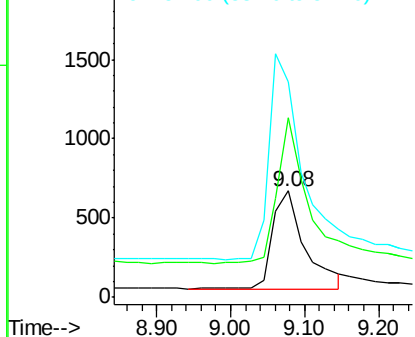
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Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): BE0

Ion 54.00 (53.70 to 54.70): BE0



#11

2-Methylnaphthalene-d10

Concen: 0.331 ng

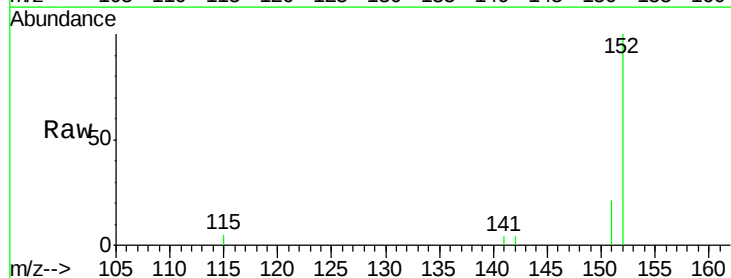
RT: 12.31 min Scan# 829

Delta R.T. 0.02 min

Lab File: BE093891.D

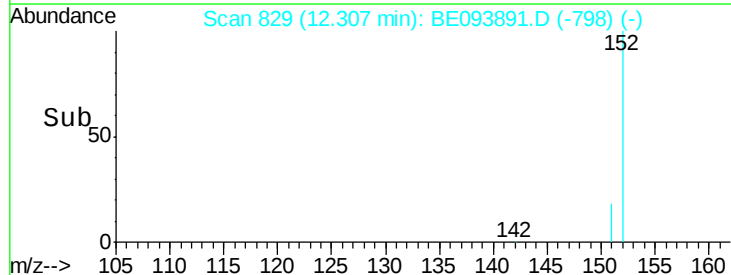
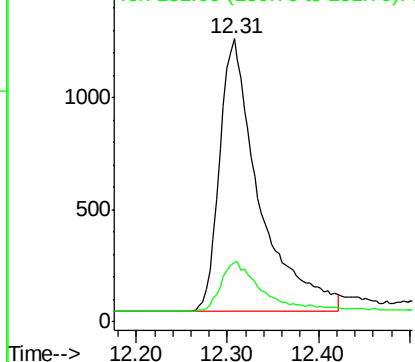
Acq: 28 Aug 2017 10:57

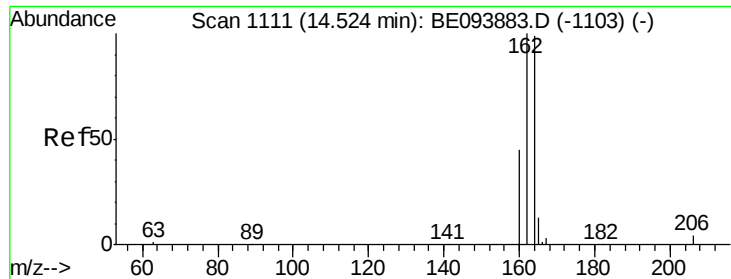
Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.2	15.4	23.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E





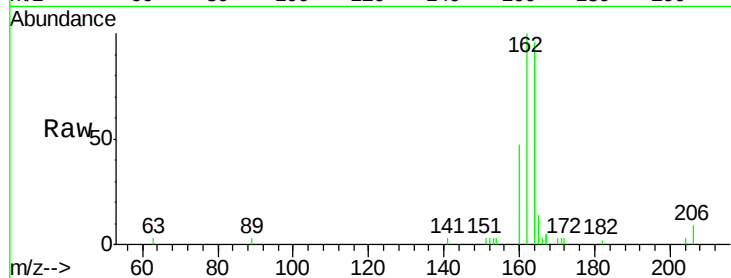
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.53 min Scan# 1112
Delta R.T. 0.00 min
Lab File: BE093891.D
Acq: 28 Aug 2017 10:57

Instrument :
BNA_E
ClientSampleID :
PB101832BL

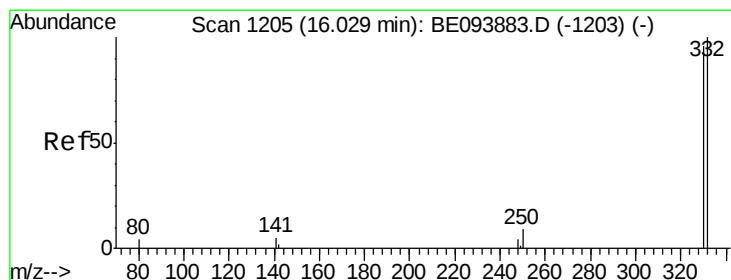
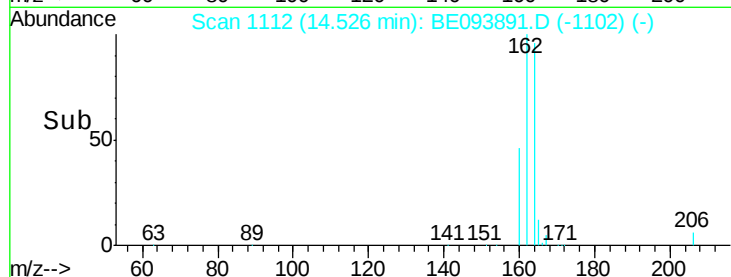
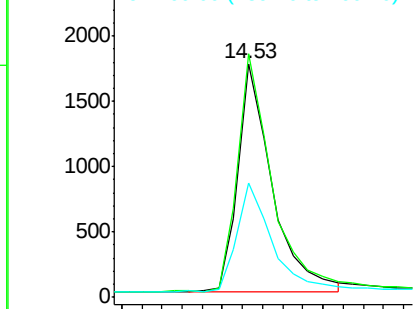
Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.3	80.8	121.2
160	49.0	37.0	55.4

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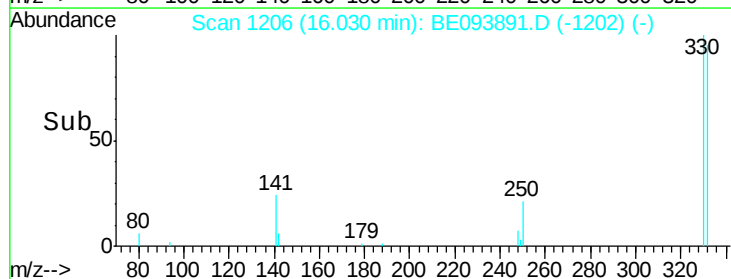
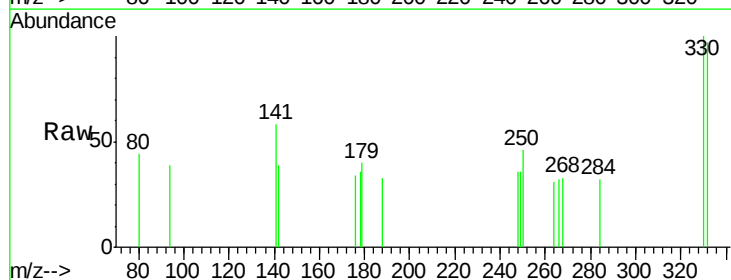
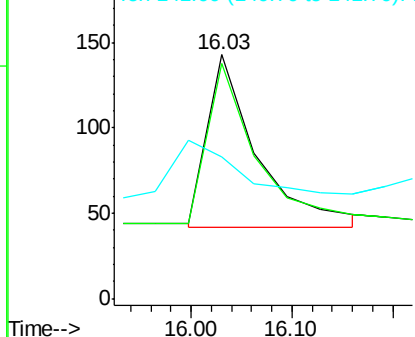
Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

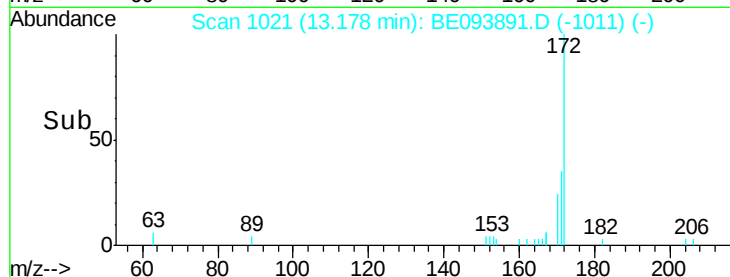
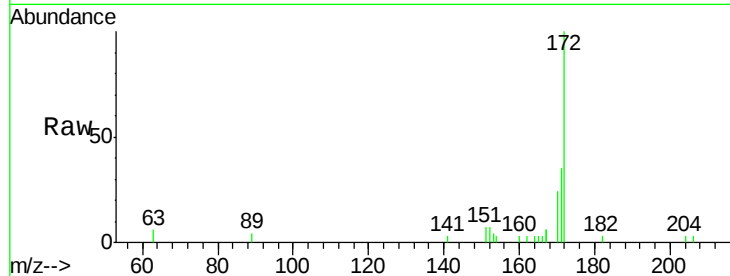
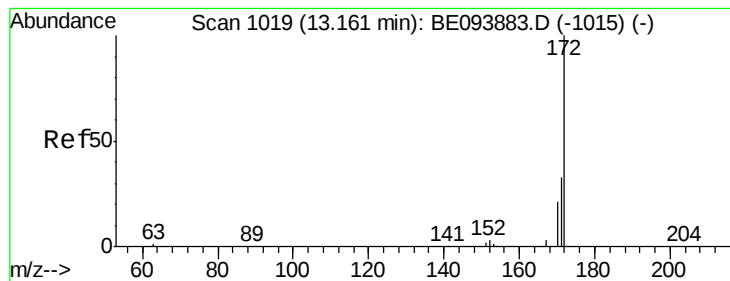


#14
2,4,6-Tribromophenol
Concen: 0.318 ng m
RT: 16.03 min Scan# 1206
Delta R.T. 0.00 min
Lab File: BE093891.D
Acq: 28 Aug 2017 10:57

Tgt Ion	Ratio	Lower	Upper
330	100		
332	83.1	76.9	115.3
141	0.0	0.0	0.0

Abundance Ion 330.00 (329.70 to 330.70): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E





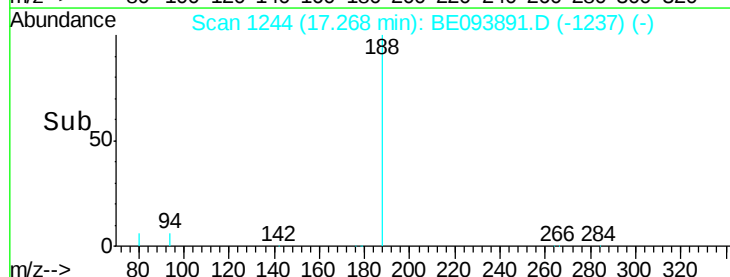
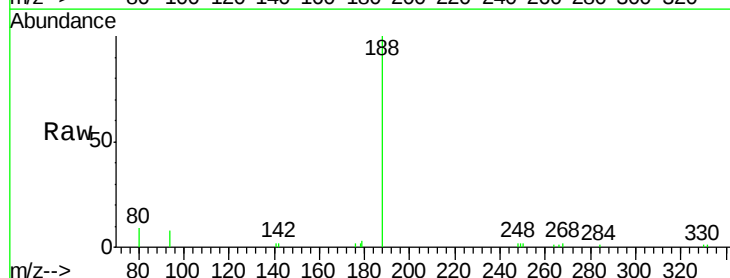
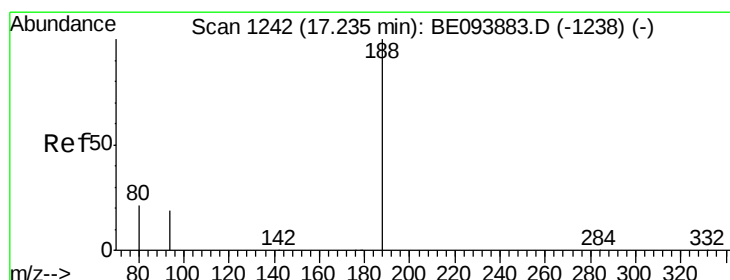
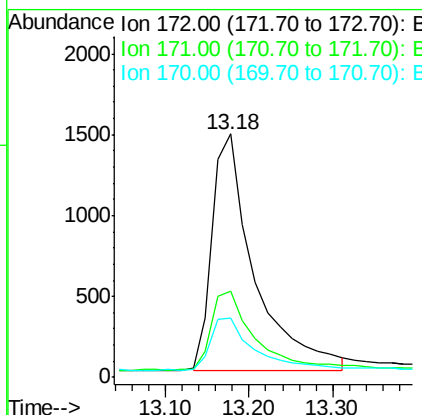
#15
2-Fluorobiphenyl
Concen: 0.315 ng m
RT: 13.18 min Scan# 1021
Delta R.T. 0.02 min
Lab File: BE093891.D
Acq: 28 Aug 2017 10:57

Instrument :
BNA_E
ClientSampleId :
PB101832BL

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.3	26.9	40.3
170	24.3	17.3	25.9

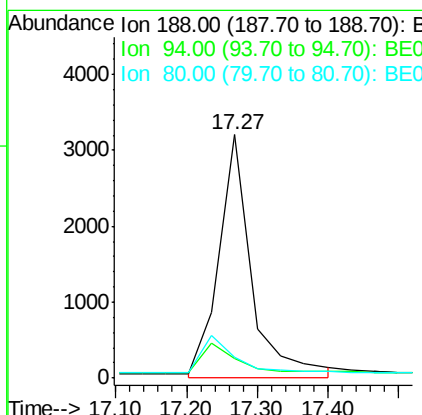
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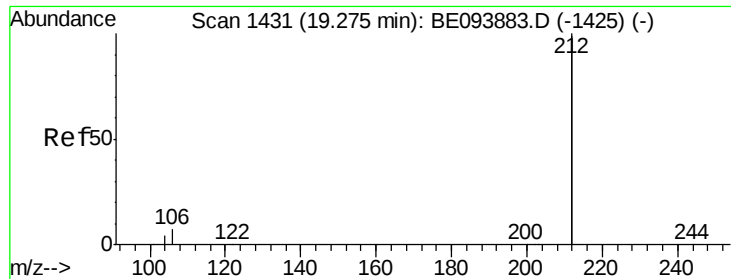
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#19
Phenanthrene-d10
Concen: 0.400 ng m
RT: 17.27 min Scan# 1244
Delta R.T. 0.03 min
Lab File: BE093891.D
Acq: 28 Aug 2017 10:57

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.0	16.1	24.1#
80	8.5	18.2	27.2#





#25

Fluoranthene-d10

Concen: 0.388 ng

RT: 19.28 min Scan# 1433

Delta R.T. 0.01 min

Lab File: BE093891.D

Acq: 28 Aug 2017 10:57

Instrument :

BNA_E

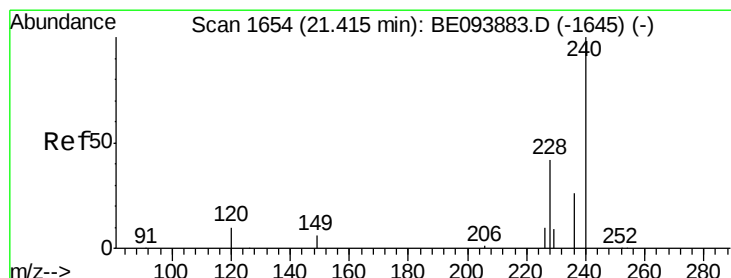
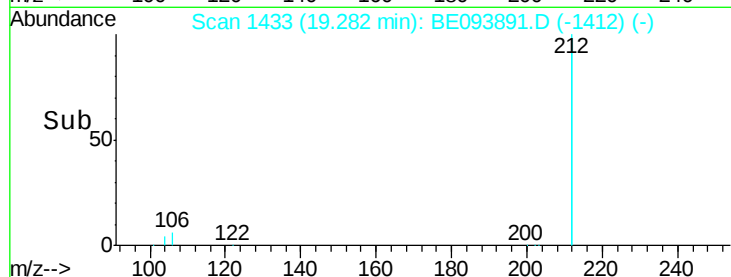
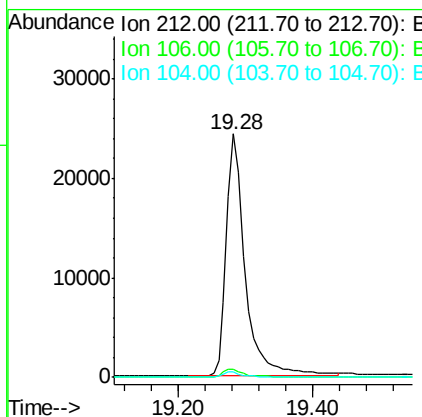
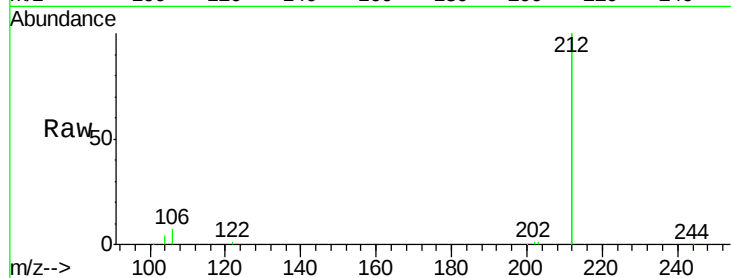
ClientSampleId :

PB101832BL

Tgt Ion:	212	Resp:	46781
Ion Ratio	Lower	Upper	
212	100		
106	3.3	2.7	4.1
104	1.9	1.6	2.4

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#27

Chrysene-d12

Concen: 0.400 ng

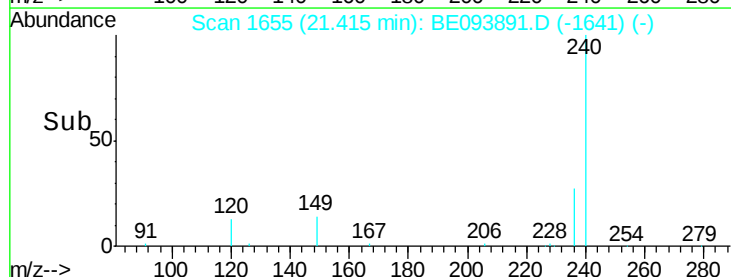
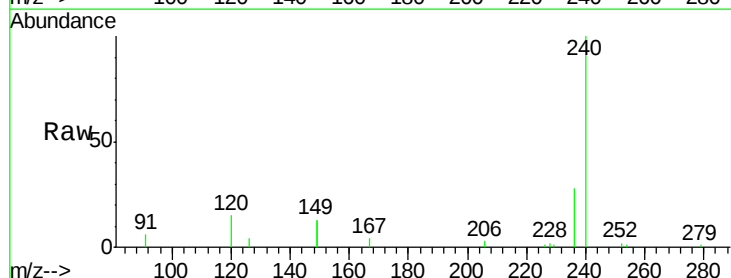
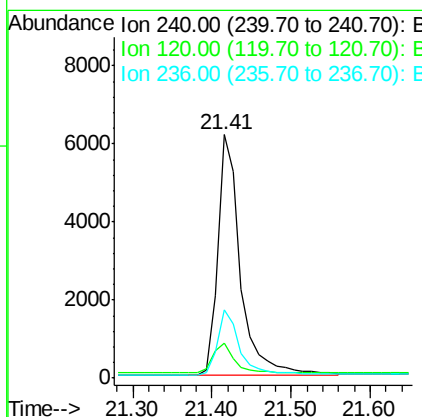
RT: 21.41 min Scan# 1655

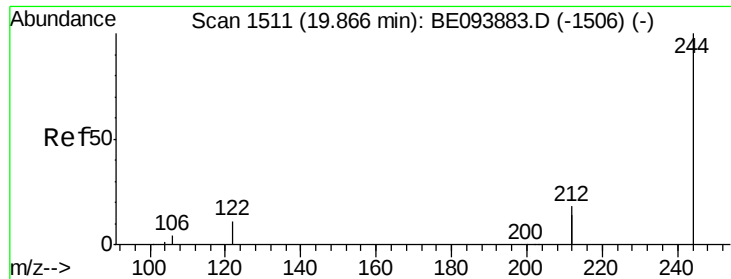
Delta R.T. 0.00 min

Lab File: BE093891.D

Acq: 28 Aug 2017 10:57

Tgt Ion:	240	Resp:	12441
Ion Ratio	Lower	Upper	
240	100		
120	14.5	8.7	13.1#
236	28.0	21.3	31.9





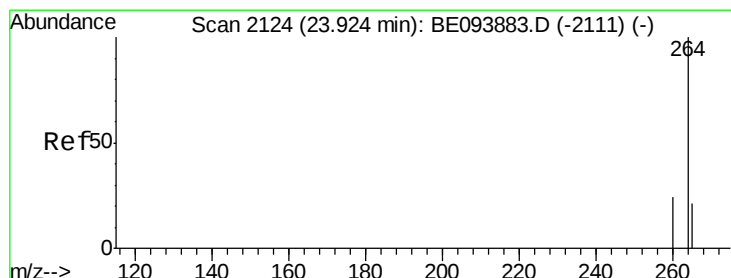
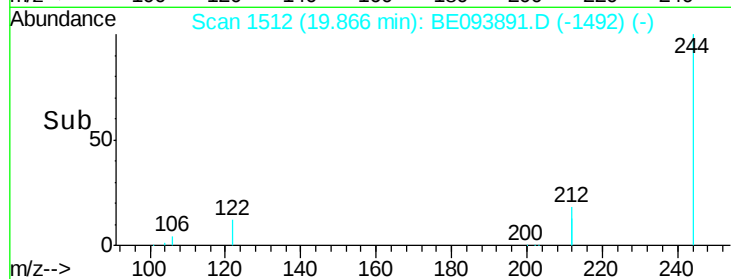
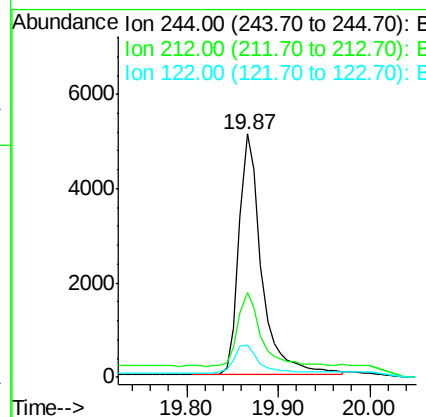
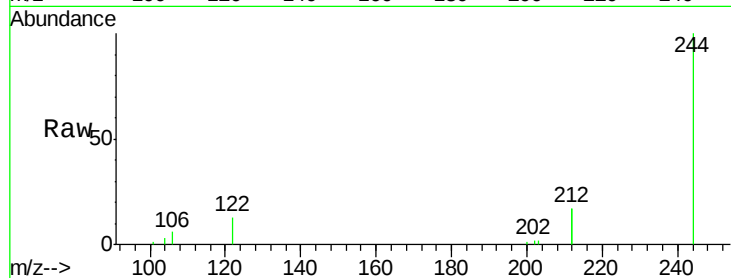
#29
 Terphenyl-d14
 Concen: 0.392 ng
 RT: 19.87 min Scan# 1512
 Delta R.T. -0.00 min
 Lab File: BE093891.D
 Acq: 28 Aug 2017 10:57

Instrument :
 BNA_E
 ClientSampleId :
 PB101832BL

Tgt Ion	Ratio	Resp Lower	Resp Upper
244	100		
212	34.8	28.3	42.5
122	13.5	9.4	14.0

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#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.93 min Scan# 2126
 Delta R.T. 0.01 min
 Lab File: BE093891.D
 Acq: 28 Aug 2017 10:57

Tgt Ion	Ratio	Resp Lower	Resp Upper
264	100		
260	25.7	20.0	30.0
265	31.9	24.0	36.0

