

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA E\DATA\BE091317\
 Data File : BE093986.D
 Acq On : 13 Sep 2017 13:14
 Operator : SJ/JU
 Sample : PB102256BL
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Sep 14 00:52:58 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE090517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 05 13:34:56 2017
 Response via : Initial Calibration

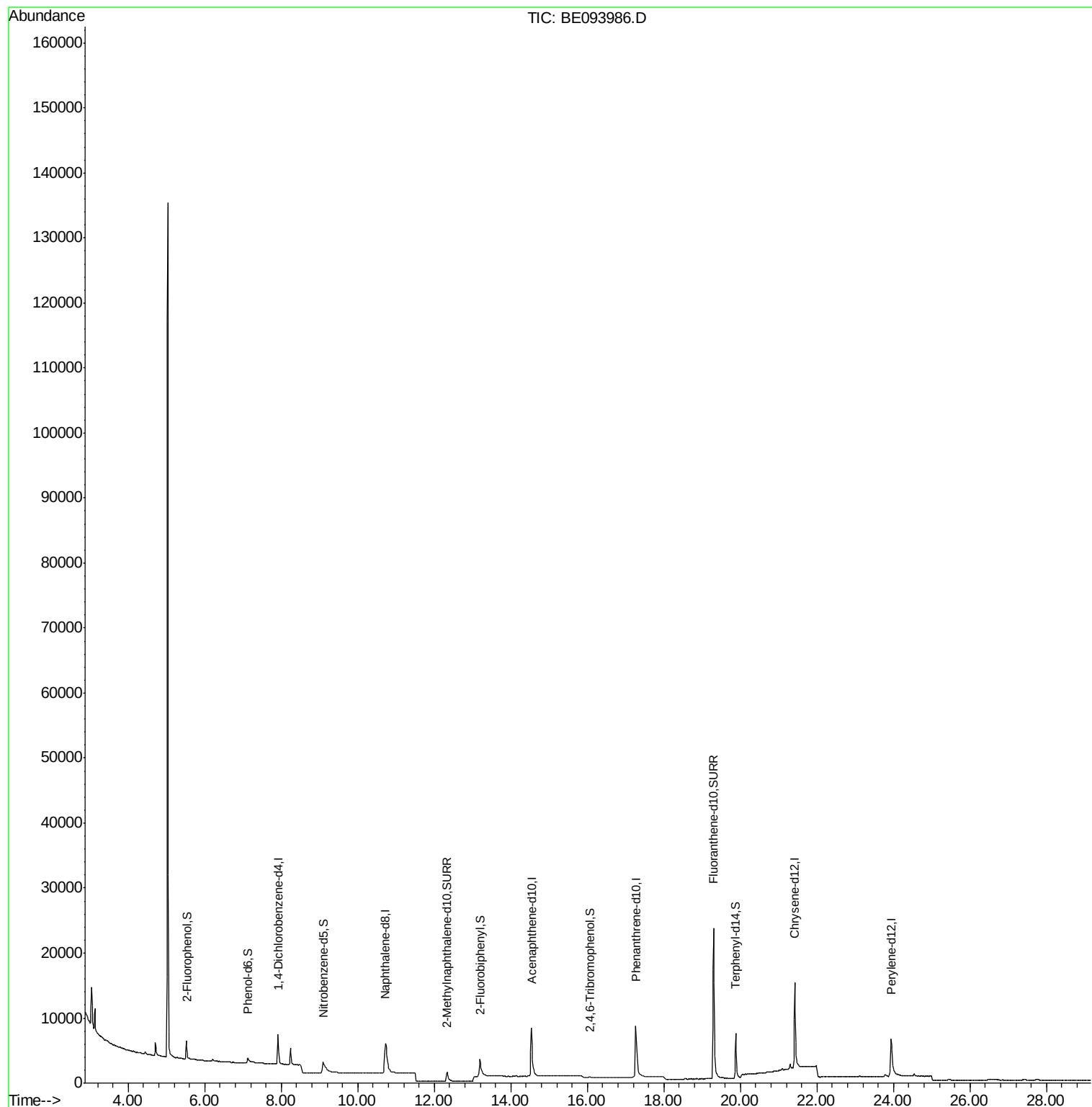
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	2608	0.40	ng	0.00
7) Naphthalene-d8	10.72	136	11761	0.40	ng	0.02
13) Acenaphthene-d10	14.54	164	7418	0.40	ng	0.01
19) Phenanthrene-d10	17.27	188	20809	0.40	ng	0.00
27) Chrysene-d12	21.43	240	19755	0.40	ng	0.00
34) Perylene-d12	23.94	264	14233	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.53	112	1817	0.22	ng	0.00
5) Phenol-d6	7.13	99	2017	0.16	ng	0.01
8) Nitrobenzene-d5	9.10	82	1999	0.20	ng	0.02
11) 2-Methylnaphthalene-d10	12.33	152	4425	0.24	ng	0.03
14) 2,4,6-Tribromophenol	16.06	330	278	0.12	ng	0.03
15) 2-Fluorobiphenyl	13.19	172	5782	0.20	ng	0.03
25) Fluoranthene-d10	19.30	212	49842	0.16	ng	0.02
29) Terphenyl-d14	19.88	244	9151	0.25	ng	0.00
Target Compounds						
20) 4-Bromophenyl-phenylether	16.29	248	16	Below Cal	#	41
23) Phenanthrene	17.30	178	63	Below Cal	#	63

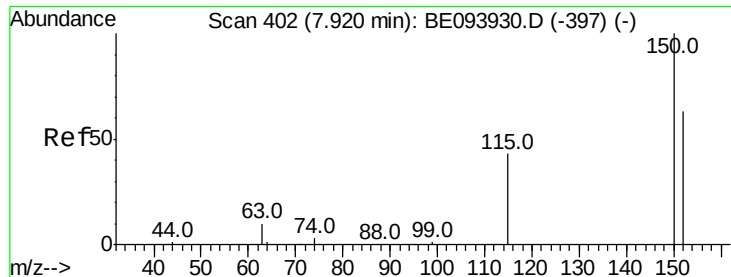
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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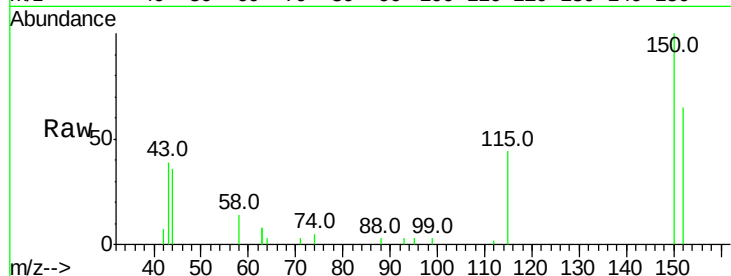


#1

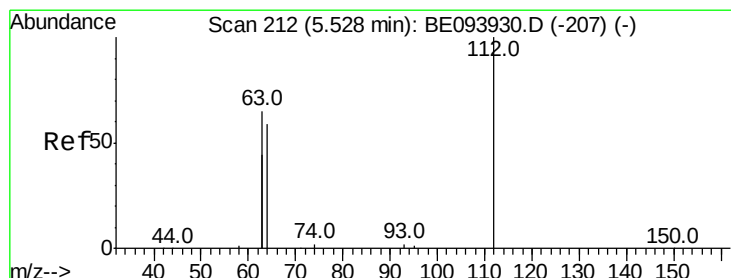
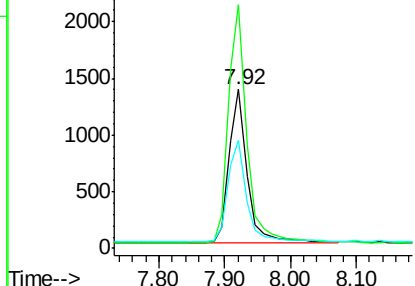
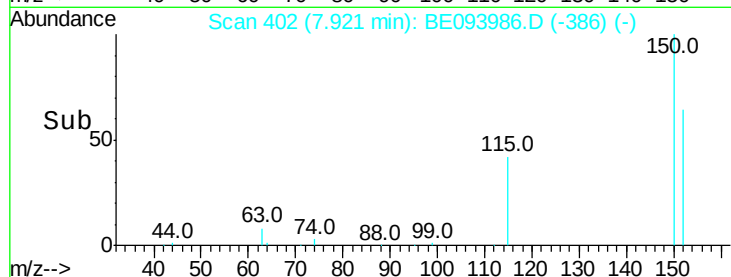
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.92 min Scan# 402
Delta R.T. 0.00 min
Lab File: BE093986.D
Acq: 13 Sep 2017 13:14

Instrument :
BNA_E
ClientSampled :

Tot Ion:152 Resp: 2608
Ion Ratio Lower Upper
152 100
150 153.3 121.8 182.6
115 68.0 52.6 79.0



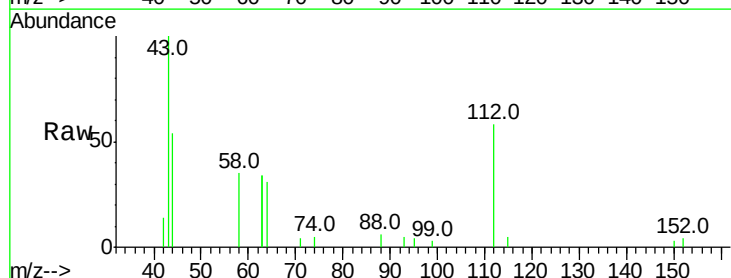
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



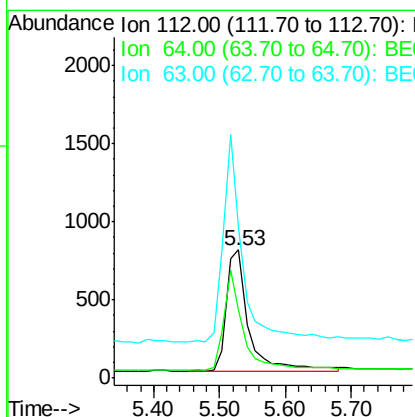
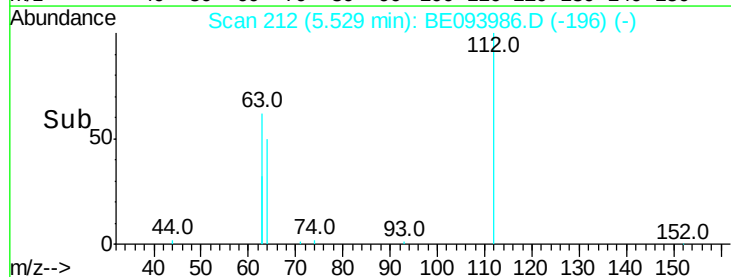
#4

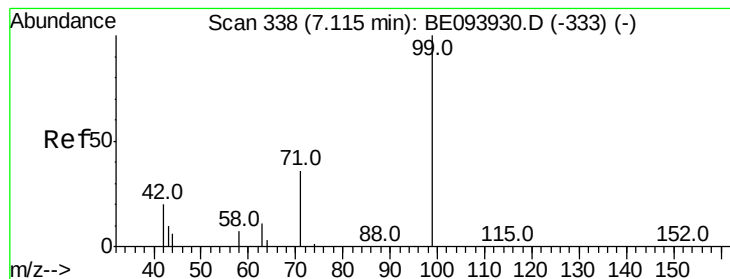
2-Fluorophenol
Concen: 0.215 ng
RT: 5.53 min Scan# 212
Delta R.T. 0.00 min
Lab File: BE093986.D
Acq: 13 Sep 2017 13:14

Tgt Ion:112 Resp: 1817
Ion Ratio Lower Upper
112 100
64 69.6 57.7 86.5
63 148.4 116.0 174.0



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: 0.159 ng

RT: 7.13 min Scan# 339

Delta R.T. 0.01 min

Lab File: BE093986.D

Acq: 13 Sep 2017 13:14

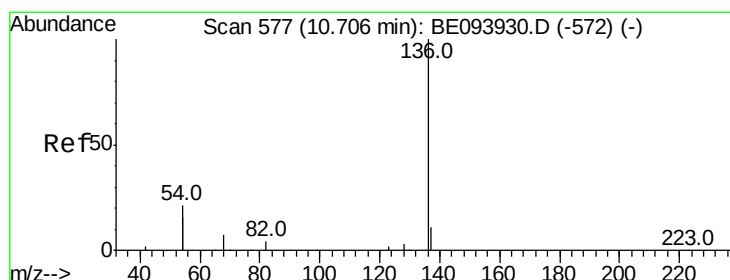
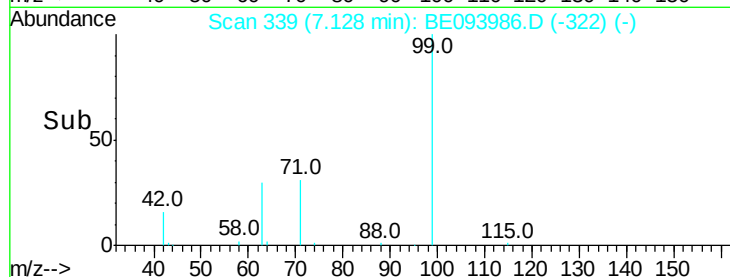
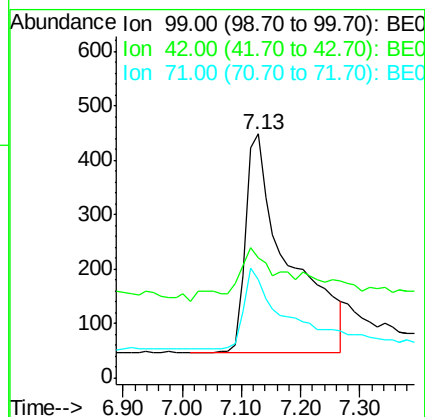
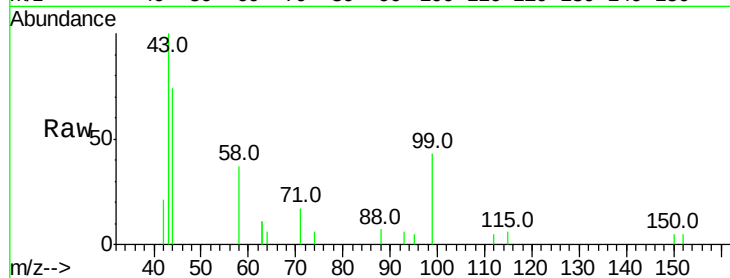
Instrument :

BNA_E

ClientSampleId :

Tot Ion: 99 Resp: 2017

Ion	Ratio	Lower	Upper
99	100		
42	15.9	17.1	25.7#
71	35.8	26.6	39.8



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.72 min Scan# 578

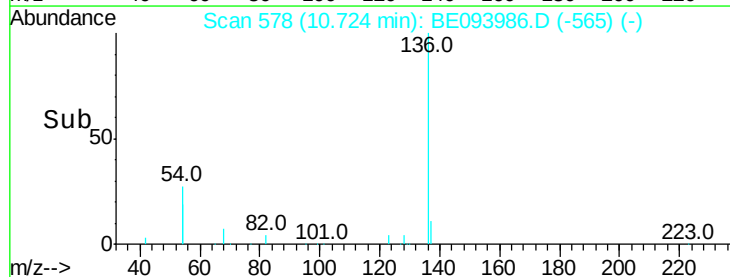
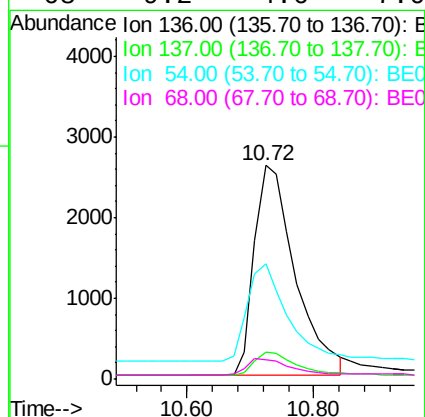
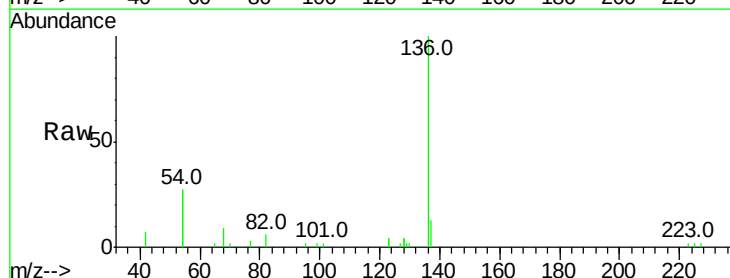
Delta R.T. 0.02 min

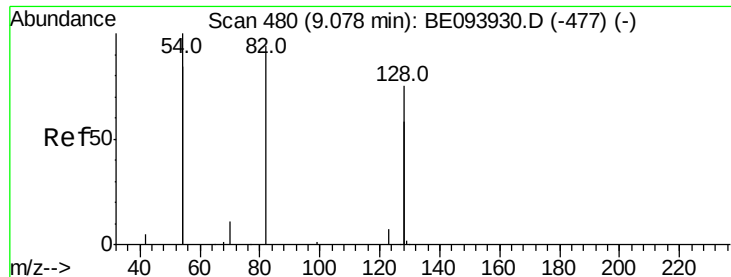
Lab File: BE093986.D

Acq: 13 Sep 2017 13:14

Tgt Ion: 136 Resp: 11761

Ion	Ratio	Lower	Upper
136	100		
137	12.6	9.2	13.8
54	53.7	21.9	32.9#
68	9.2	4.6	7.0#

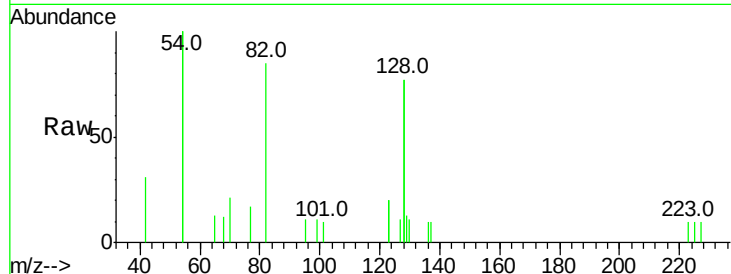




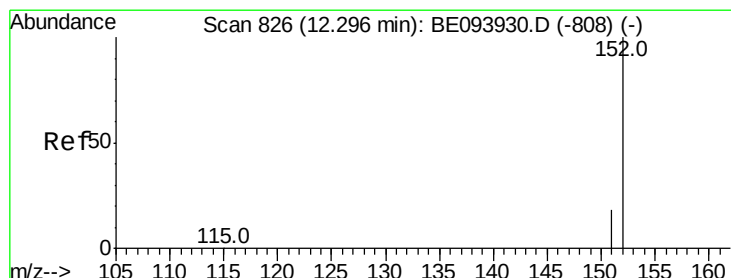
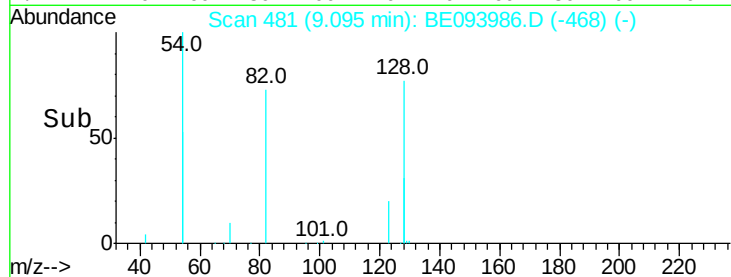
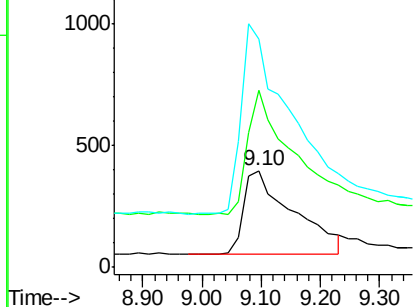
#8
 Nitrobenzene-d5
 Concen: 0.201 ng
 RT: 9.10 min Scan# 481
 Delta R.T. 0.02 min
 Lab File: BE093986.D
 Acq: 13 Sep 2017 13:14

Instrument :
 BNA_E
 ClientSampled :

Tot Ion: 82 Resp: 1999
 Ion Ratio Lower Upper
 82 100
 128 182.9 91.4 137.0#
 54 236.2 197.8 296.8

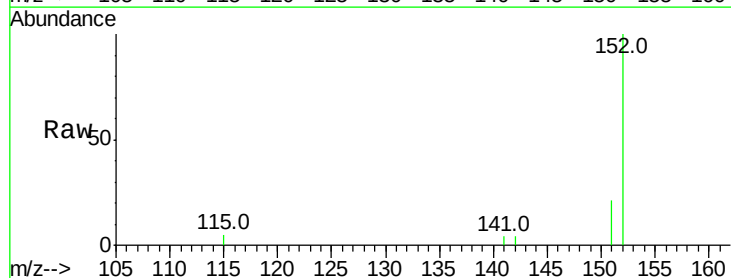


Abundance Ion 82.00 (81.70 to 82.70): BE0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BE0

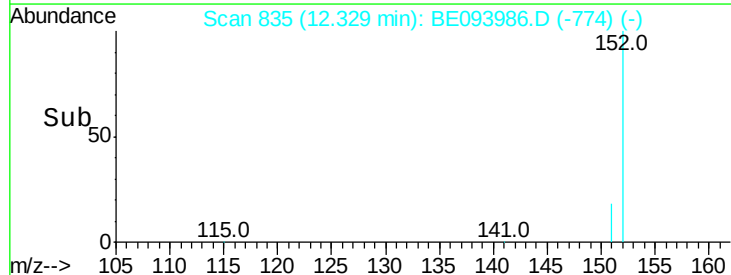
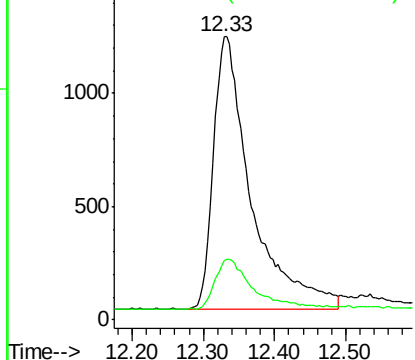


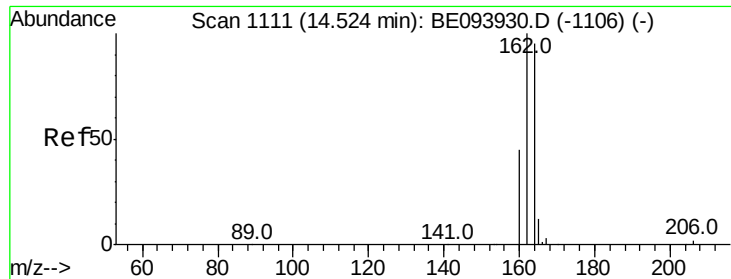
#11
 2-Methylnaphthalene-d10
 Concen: 0.235 ng
 RT: 12.33 min Scan# 835
 Delta R.T. 0.03 min
 Lab File: BE093986.D
 Acq: 13 Sep 2017 13:14

Tgt Ion: 152 Resp: 4425
 Ion Ratio Lower Upper
 152 100
 151 18.7 15.4 23.0



Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 151.00 (150.70 to 151.70): E

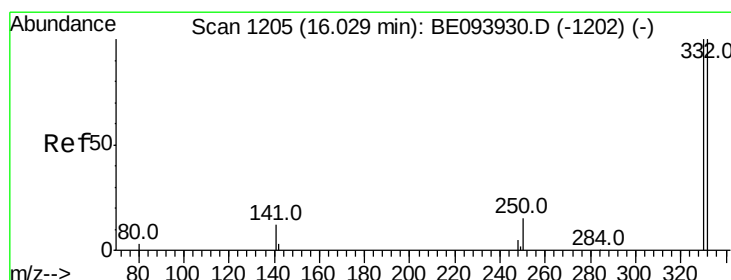
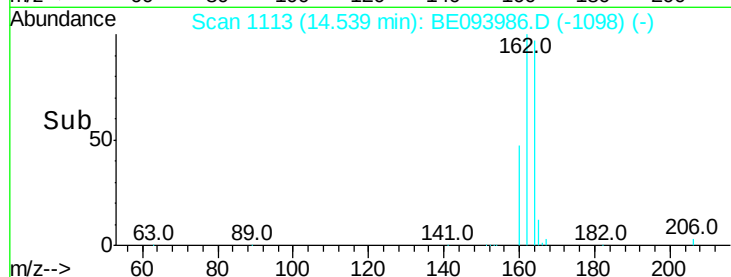
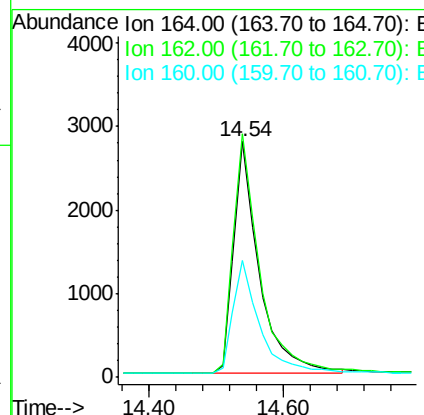
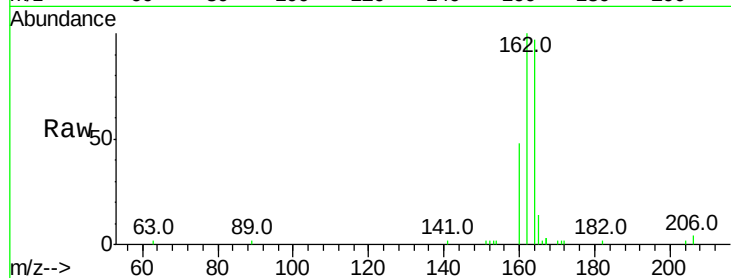




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.54 min Scan# 1113
 Delta R.T. 0.01 min
 Lab File: BE093986.D
 Acq: 13 Sep 2017 13:14

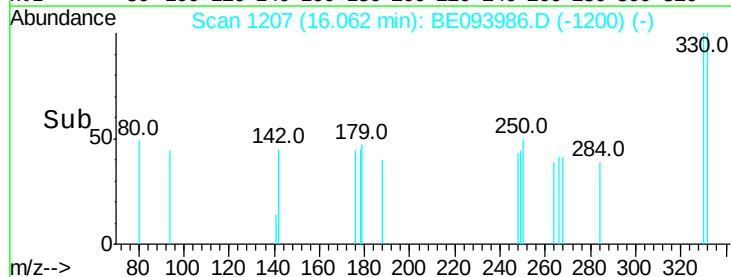
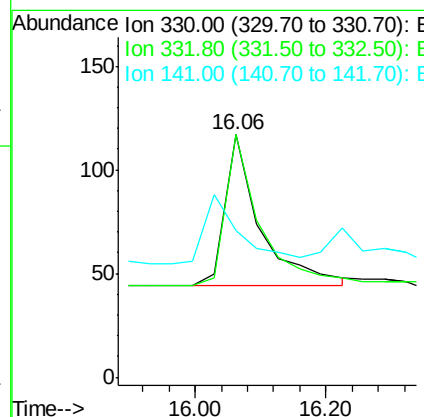
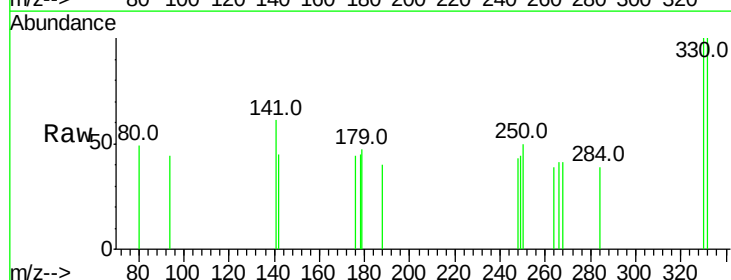
Instrument :
 BNA_E
 ClientSampleId :

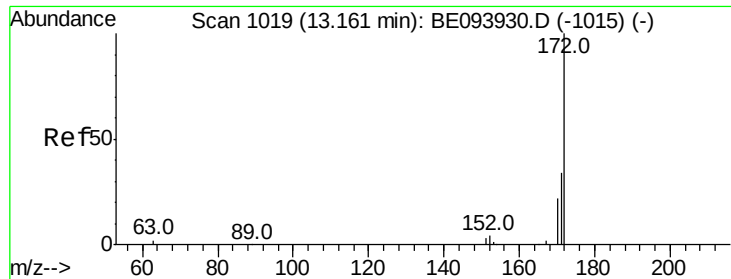
Tot Ion:164 Resp: 7418
 Ion Ratio Lower Upper
 164 100
 162 103.2 80.8 121.2
 160 49.3 37.0 55.4



#14
 2,4,6-Tribromophenol
 Concen: 0.121 ng
 RT: 16.06 min Scan# 1207
 Delta R.T. 0.03 min
 Lab File: BE093986.D
 Acq: 13 Sep 2017 13:14

Tgt Ion:330 Resp: 278
 Ion Ratio Lower Upper
 330 100
 332 98.6 76.9 115.3
 141 0.0 0.0 0.0

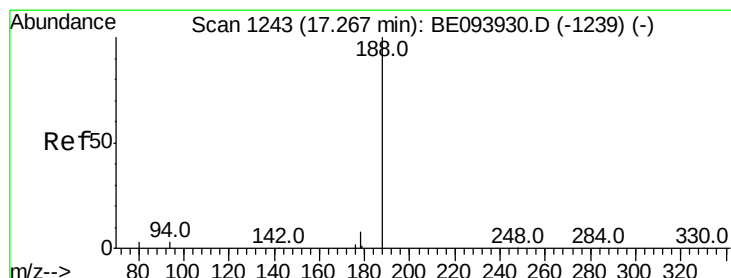
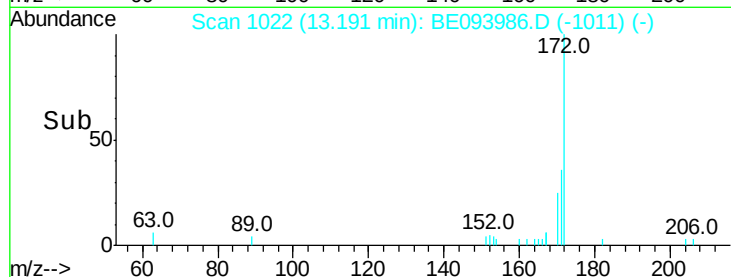
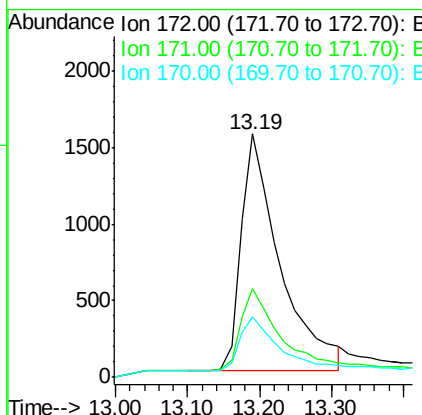
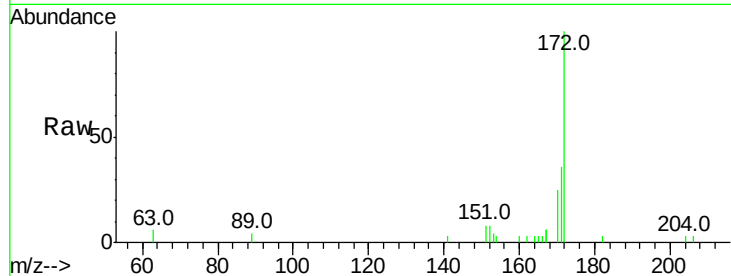




#15
2-Fluorobiphenyl
Concen: 0.197 ng
RT: 13.19 min Scan# 1022
Delta R.T. 0.03 min
Lab File: BE093986.D
Acq: 13 Sep 2017 13:14

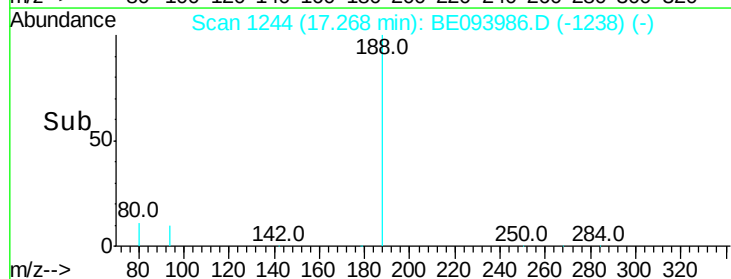
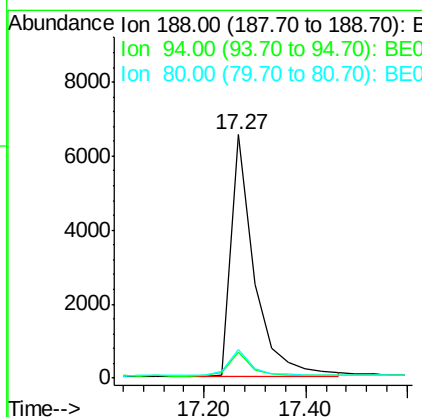
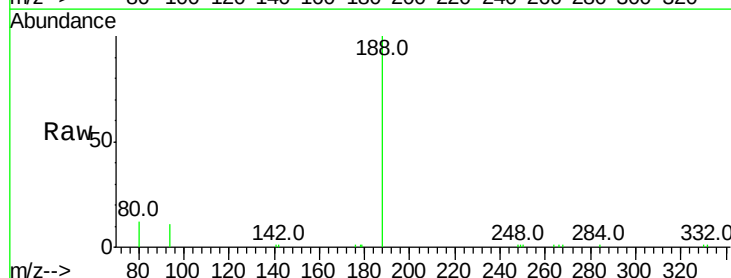
Instrument :
BNA_E
ClientSampleId :

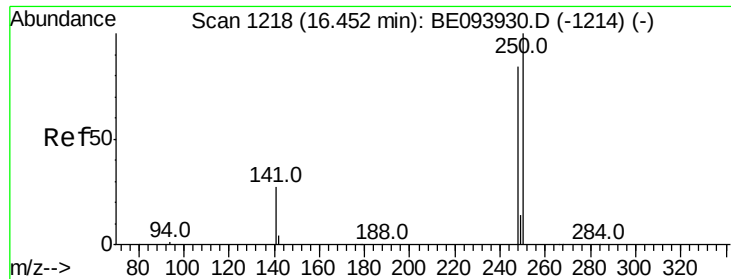
Tot Ion:172 Resp: 5782
Ion Ratio Lower Upper
172 100
171 36.2 26.9 40.3
170 25.0 17.3 25.9



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.27 min Scan# 1244
Delta R.T. 0.00 min
Lab File: BE093986.D
Acq: 13 Sep 2017 13:14

Tgt Ion:188 Resp: 20809
Ion Ratio Lower Upper
188 100
94 10.6 16.1 24.1#
80 11.6 18.2 27.2#

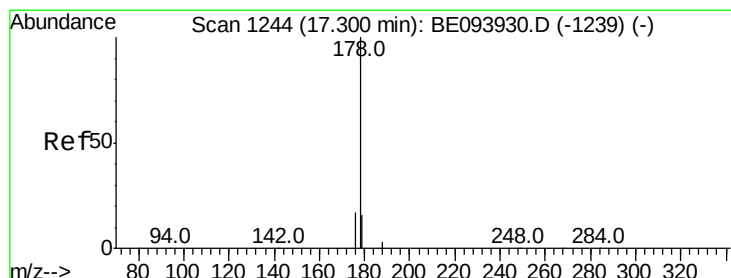
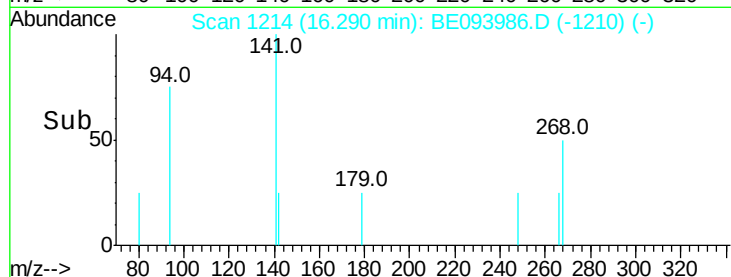
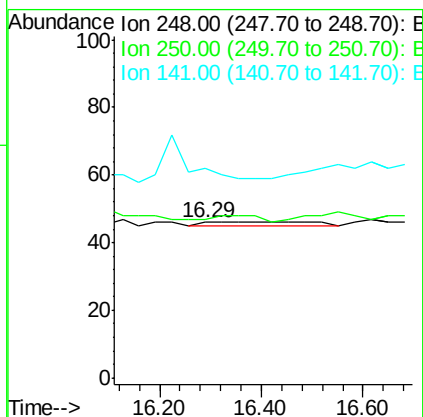
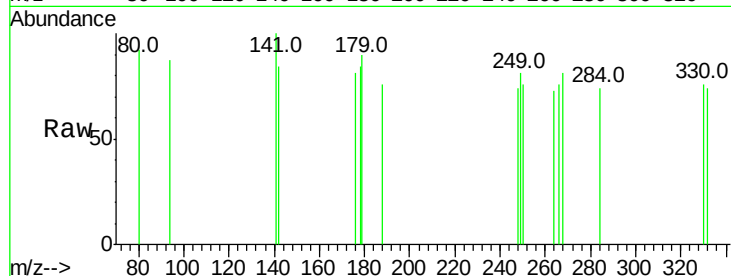




#20
4-Bromophenyl-phenylether
Concen: Below Cal
RT: 16.29 min Scan# 1214
Delta R.T. -0.16 min
Lab File: BE093986.D
Acq: 13 Sep 2017 13:14

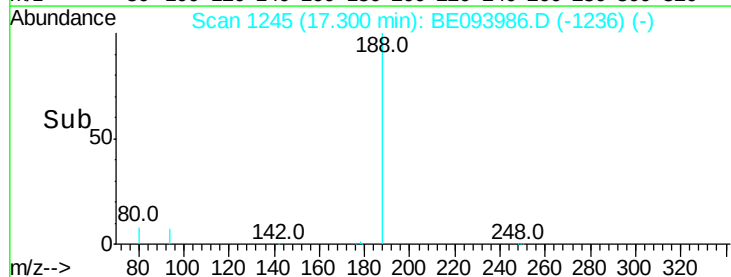
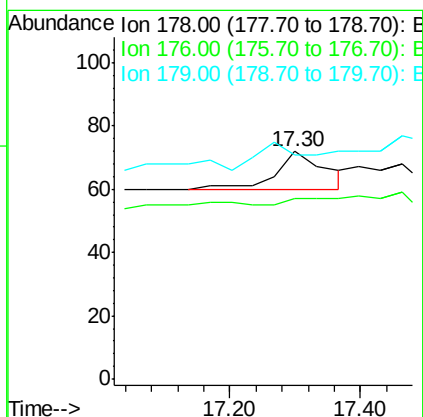
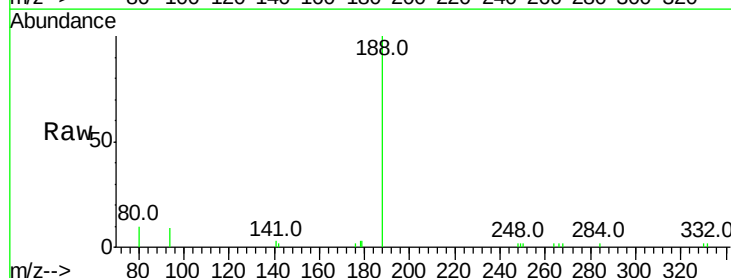
Instrument :
BNA_E
ClientSampled :

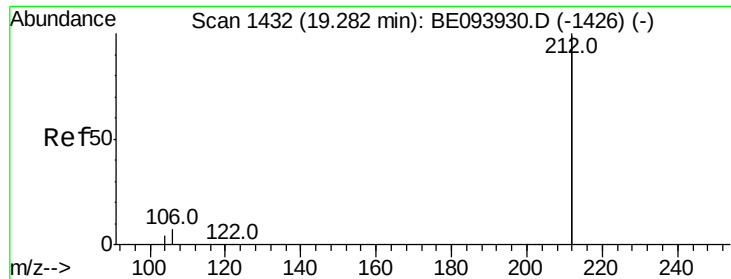
Tot Ion:248 Resp: 16
Ion Ratio Lower Upper
248 100
250 102.2 111.8 167.8#
141 134.8 27.1 40.7#



#23
Phenanthrene
Concen: Below Cal
RT: 17.30 min Scan# 1245
Delta R.T. 0.00 min
Lab File: BE093986.D
Acq: 13 Sep 2017 13:14

Tgt Ion:178 Resp: 63
Ion Ratio Lower Upper
178 100
176 0.0 0.0 0.0
179 0.0 12.6 18.8#

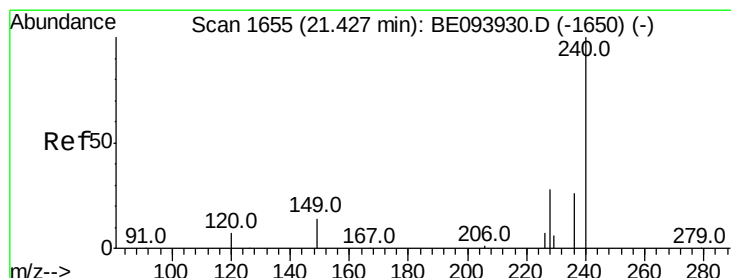
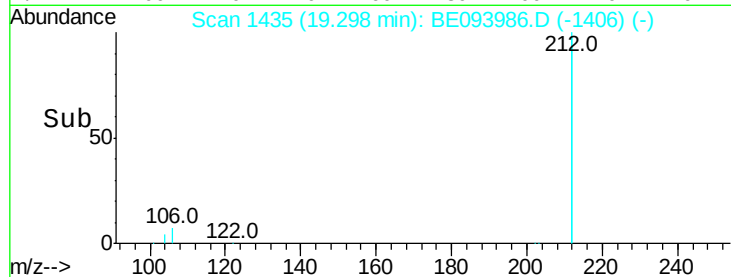
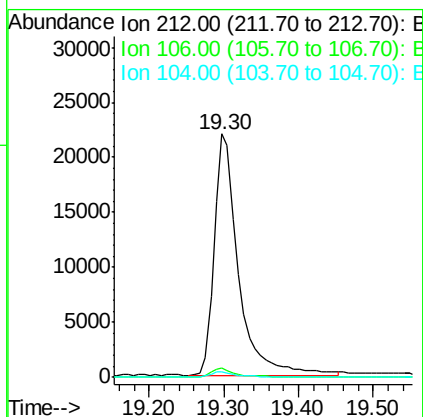
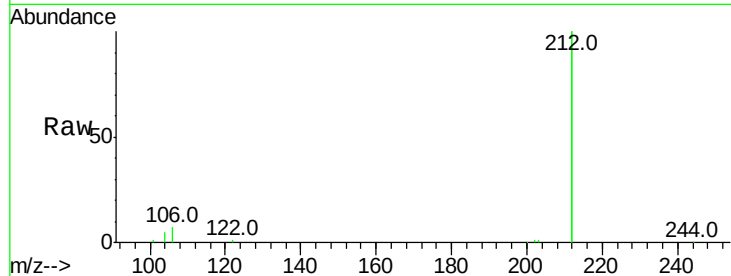




#25
 Fluoranthene-d10
 Concen: 0.161 ng
 RT: 19.30 min Scan# 1435
 Delta R.T. 0.02 min
 Lab File: BE093986.D
 Acq: 13 Sep 2017 13:14

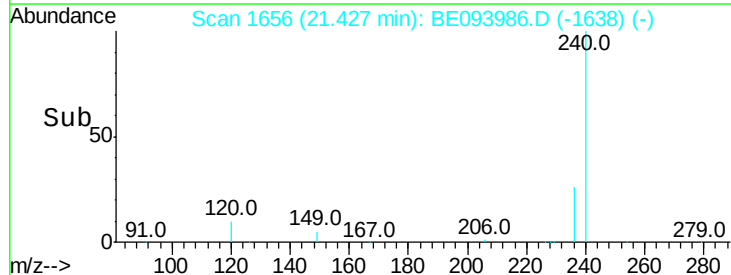
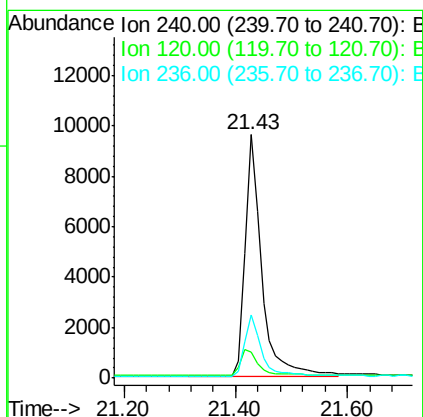
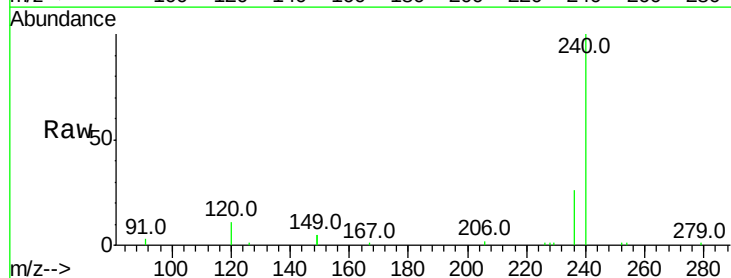
Instrument :
 BNA_E
 ClientSampleId :

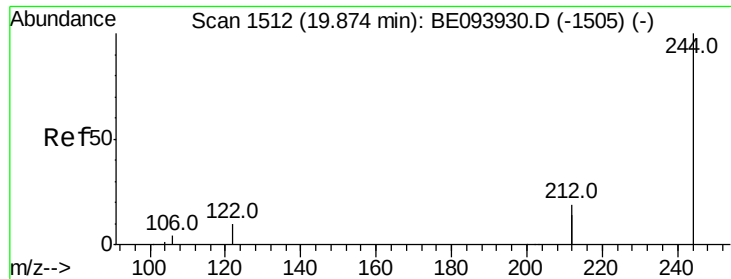
Tot Ion:212 Resp: 49842
 Ion Ratio Lower Upper
 212 100
 106 3.5 2.7 4.1
 104 1.9 1.6 2.4



#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.43 min Scan# 1656
 Delta R.T. 0.00 min
 Lab File: BE093986.D
 Acq: 13 Sep 2017 13:14

Tgt Ion:240 Resp: 19755
 Ion Ratio Lower Upper
 240 100
 120 10.8 8.7 13.1
 236 26.1 21.3 31.9





#29

Terphenyl-d14

Concen: 0.252 ng

RT: 19.88 min Scan# 1514

Delta R.T. 0.01 min

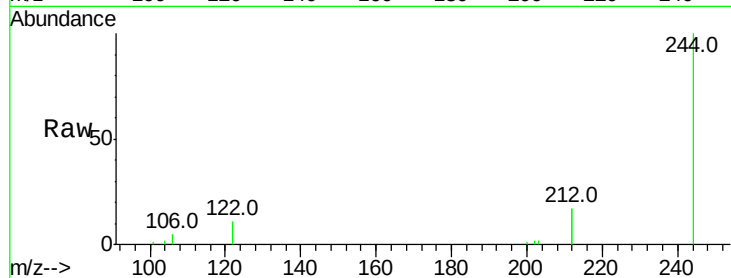
Lab File: BE093986.D

Acq: 13 Sep 2017 13:14

Instrument :

BNA_E

ClientSampleId :



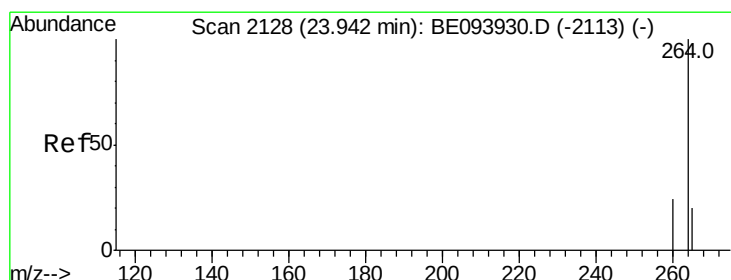
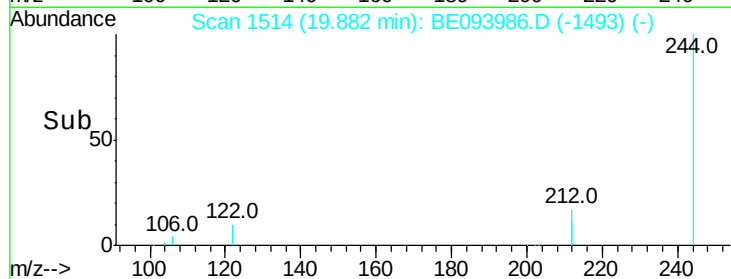
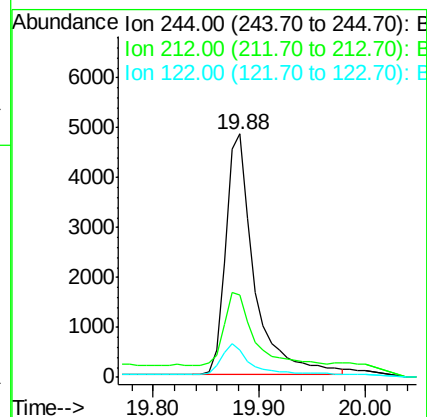
Tot Ion:244 Resp: 9151

Ion Ratio Lower Upper

244 100

212 33.7 28.3 42.5

122 11.1 9.4 14.0



#34

Perylene-d12

Concen: 0.400 ng

RT: 23.94 min Scan# 2129

Delta R.T. 0.00 min

Lab File: BE093986.D

Acq: 13 Sep 2017 13:14

Tgt Ion:264 Resp: 14233

Ion Ratio Lower Upper

264 100

260 24.9 20.0 30.0

265 31.5 24.0 36.0

