Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE090117\
Data File : BE093925.D
Acq On : 2 Sep 2017 8:22
Operator : SJ/JU
Sample : I4963-13
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : 3832-PA3-DUP

Quant Time: Sep 04 01:04:23 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE082617.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 01 16:31:36 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	2379	0.40	ng	0.00
7) Naphthalene-d8	10.71	136	12114	0.40	ng	0.00
13) Acenaphthene-d10	14.53	164	7399	0.40	ng	0.00
19) Phenanthrene-d10	17.24	188	11045	0.40	ng	0.00
27) Chrysene-d12	21.42	240	17355	0.40	ng	0.00
34) Perylene-d12	23.94	264	15207	0.40	ng	0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.53	112	1176	0.16	ng	0.01
5) Phenol-d6	7.13	99	1225	0.11	ng	0.04
8) Nitrobenzene-d5	9.08	82	3579	0.35	ng	0.02
11) 2-Methylnaphthalene-d10	12.29	152	6065	0.32	ng	0.00
14) 2,4,6-Tribromophenol	16.03	330	835	0.42	ng	0.00
15) 2-Fluorobiphenyl	13.15	172	11699	0.40	ng	-0.01
25) Fluoranthene-d10	19.28	212	62373	0.49	ng	0.00
29) Terphenyl-d14	19.87	244	14803	0.47	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.41	88	130	0.040	ng	# 18
3) n-Nitrosodimethylamine	3.72	42	333	0.092	ng	# 3
6) bis(2-Chloroethyl)ether	7.27	93	746	0.087	ng	# 1
20) 4-Bromophenyl-phenylether	16.58	248	121	Below Cal		# 1
22) Pentachlorophenol	16.91	266	223	0.129	ng	# 73
23) Phenanthrene	17.30	178	2321	0.083	ng	# 54
24) Anthracene	17.30	178	1784	0.053	ng	# 56
26) Fluoranthene	19.31	202	829	0.022	ng	# 35
28) Pyrene	19.67	202	1183	0.020	ng	# 53
32) Bis(2-ethylhexyl)phthalate	21.30	149	181888	1.674	ng	99

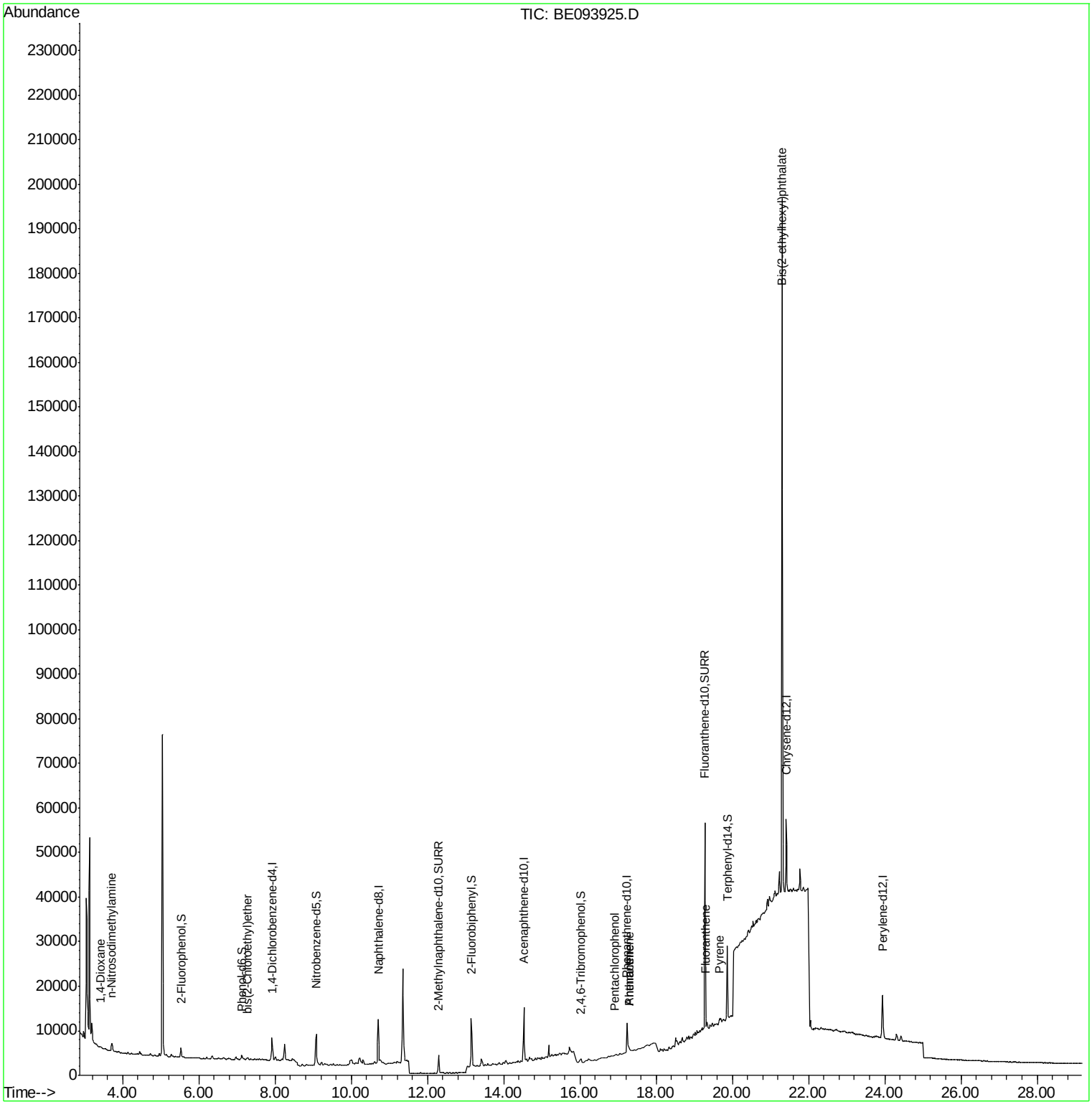
(#) = qualifier out of range (m) = manual integration (+) = signals summed

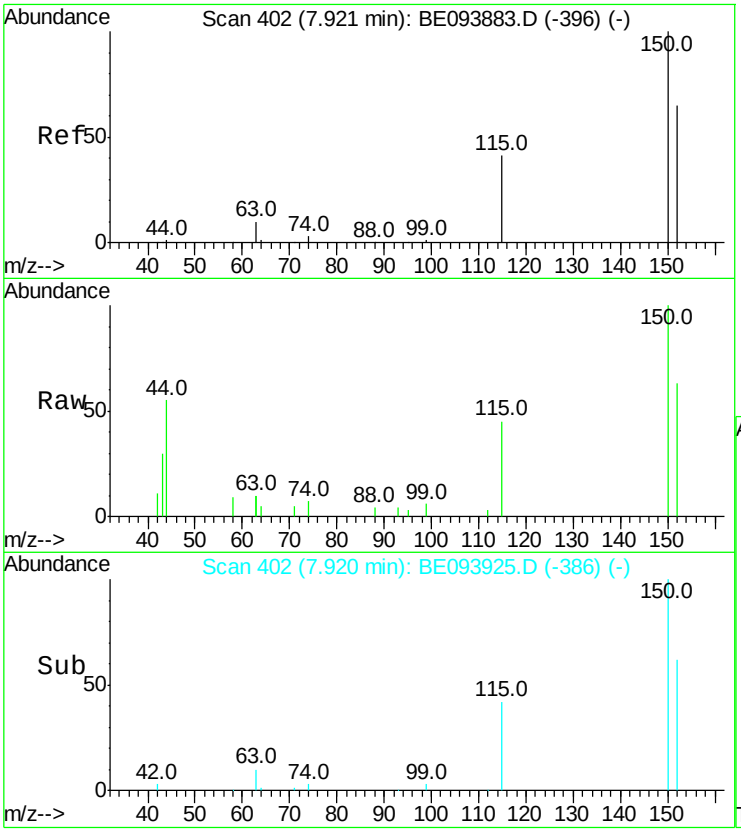
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE090117\
Data File : BE093925.D
Acq On : 2 Sep 2017 8:22
Operator : SJ/JU
Sample : I4963-13
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
3832-PA3-DUP

Quant Time: Sep 04 01:04:23 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE082617.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 01 16:31:36 2017
Response via : Initial Calibration



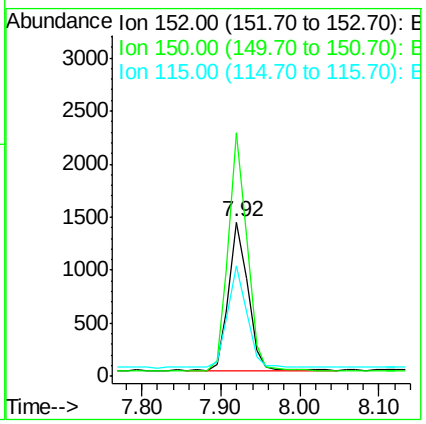


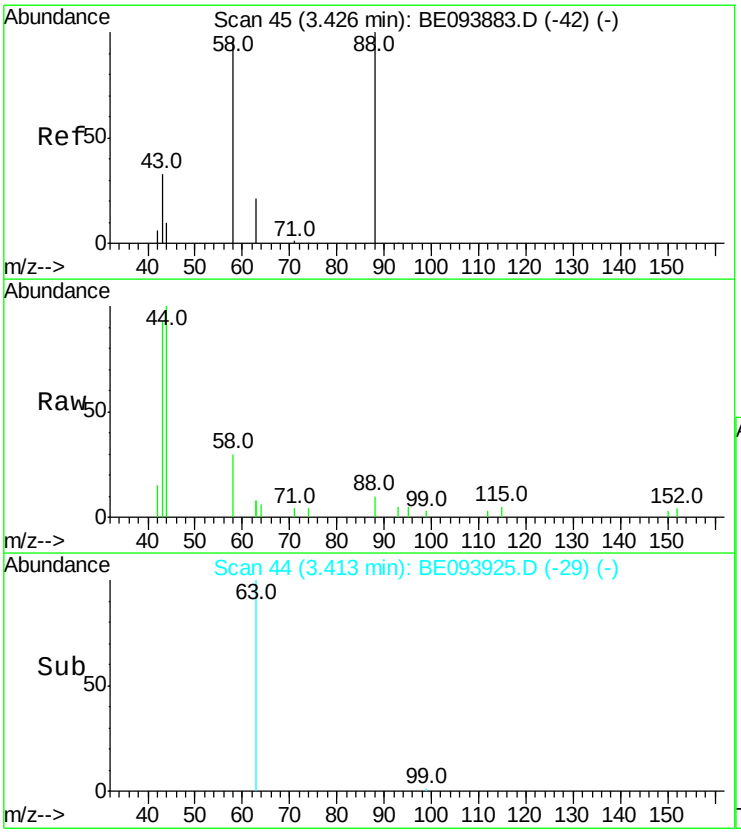
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.92 min Scan# 402
Delta R.T. -0.00 min
Lab File: BE093925.D
Acq: 2 Sep 2017 8:22

Instrument :
BNA_E
ClientSampleId :
3832-PA3-DUP

Tgt Ion:152 Resp: 2379

Ion	Ratio	Lower	Upper
152	100		
150	157.6	121.8	182.6
115	71.2	52.6	79.0

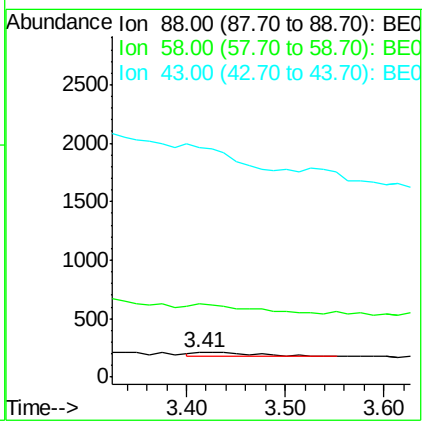


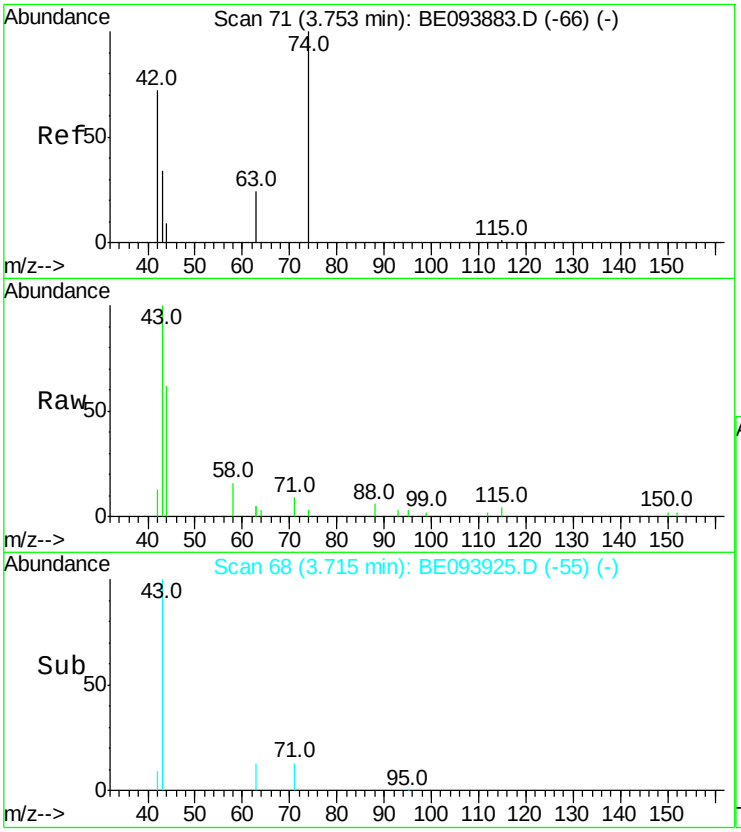


#2
1,4-Dioxane
Concen: 0.040 ng
RT: 3.41 min Scan# 44
Delta R.T. -0.01 min
Lab File: BE093925.D
Acq: 2 Sep 2017 8:22

Tgt Ion: 88 Resp: 130

Ion	Ratio	Lower	Upper
88	100		
58	0.0	65.4	98.0#
43	0.0	23.9	35.9#



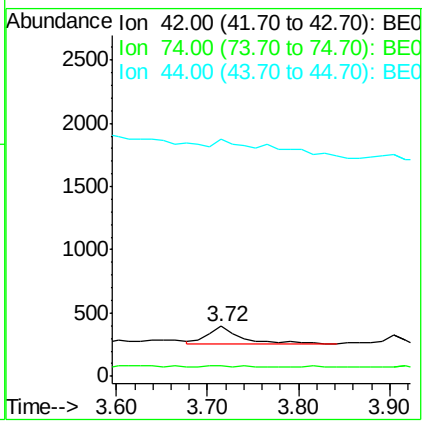


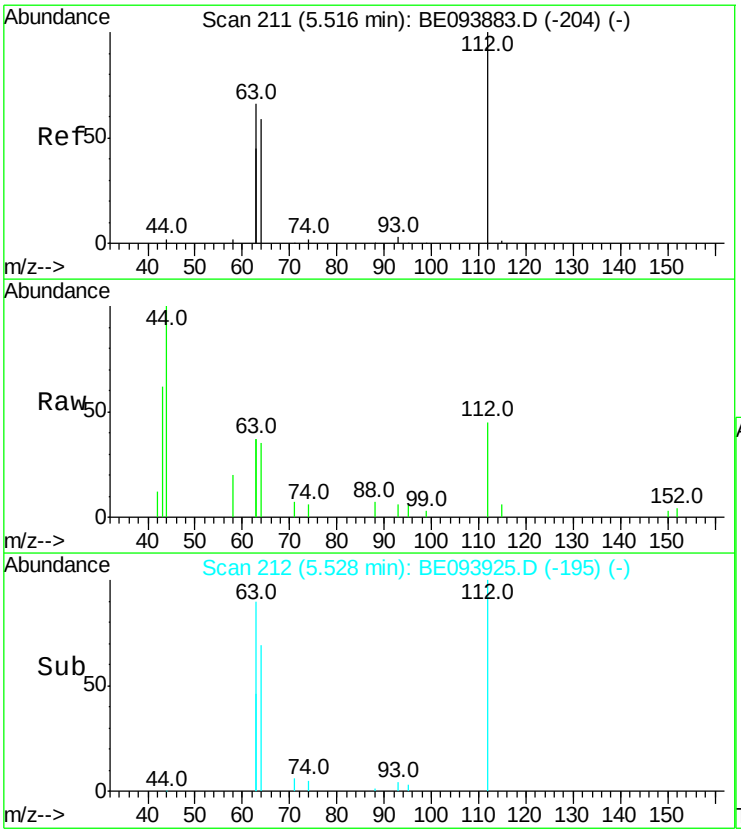
#3
n-Nitrosodimethylamine
Concen: 0.092 ng
RT: 3.72 min Scan# 68
Delta R.T. -0.04 min
Lab File: BE093925.D
Acq: 2 Sep 2017 8:22

Instrument :
BNA_E
ClientSampleId :
3832-PA3-DUP

Tgt Ion: 42 Resp: 333

Ion	Ratio	Lower	Upper
42	100		
74	7.8	104.0	156.0#
44	0.0	13.8	20.8#

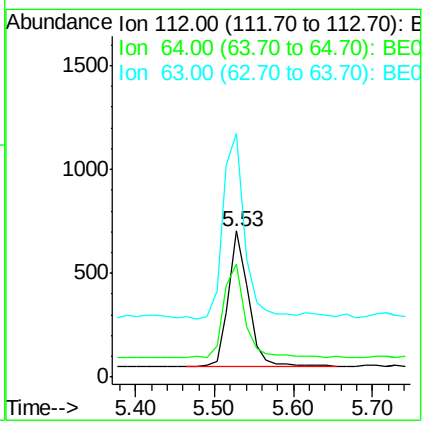


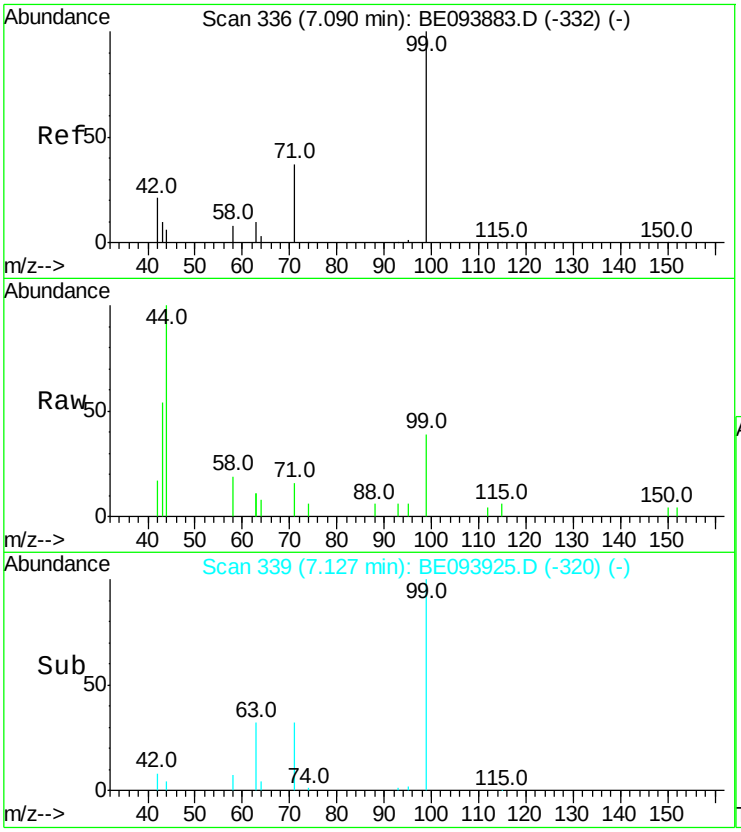


#4
2-Fluorophenol
Concen: 0.161 ng
RT: 5.53 min Scan# 212
Delta R.T. 0.01 min
Lab File: BE093925.D
Acq: 2 Sep 2017 8:22

Tgt Ion:112 Resp: 1176

Ion	Ratio	Lower	Upper
112	100		
64	71.9	57.7	86.5
63	144.9	116.0	174.0



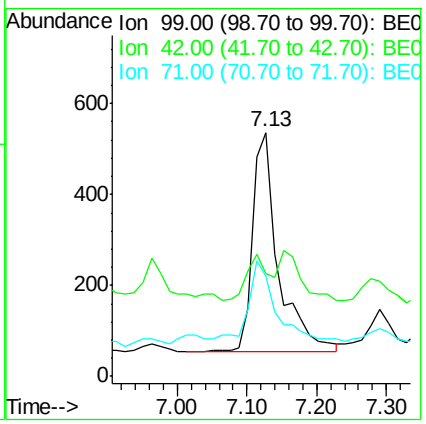


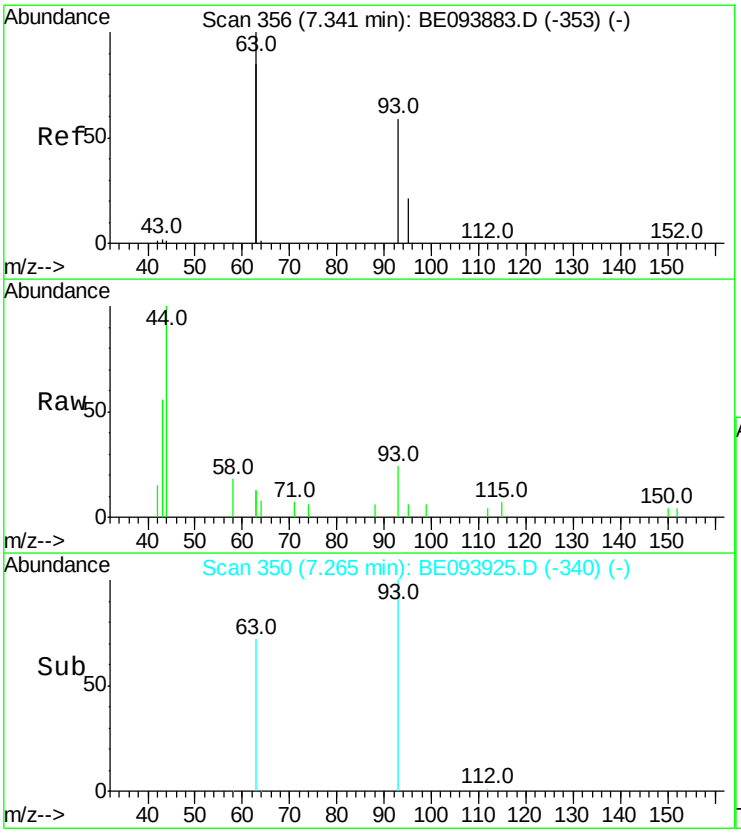
#5
Phenol-d6
Concen: 0.109 ng
RT: 7.13 min Scan# 339
Delta R.T. 0.04 min
Lab File: BE093925.D
Acq: 2 Sep 2017 8:22

Instrument :
BNA_E
ClientSampleId :
3832-PA3-DUP

Tgt Ion: 99 Resp: 1225

Ion	Ratio	Lower	Upper
99	100		
42	17.9	17.1	25.7
71	41.2	26.6	39.8#

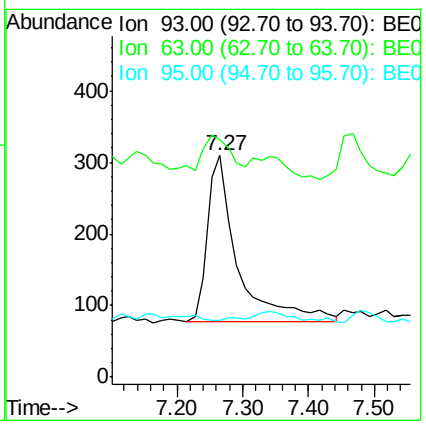


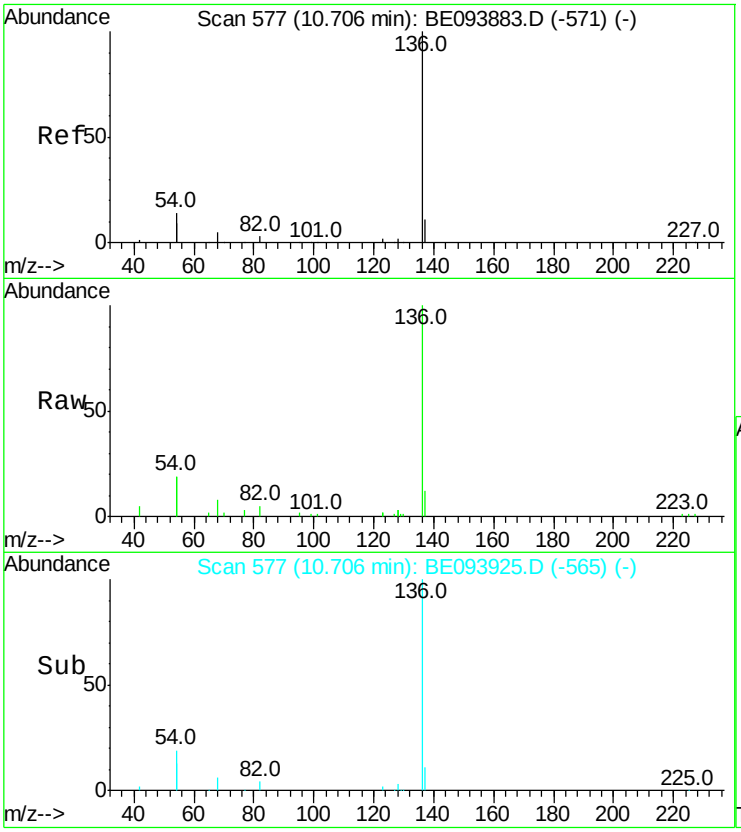


#6
bis(2-Chloroethyl)ether
Concen: 0.087 ng
RT: 7.27 min Scan# 350
Delta R.T. -0.08 min
Lab File: BE093925.D
Acq: 2 Sep 2017 8:22

Tgt Ion: 93 Resp: 746

Ion	Ratio	Lower	Upper
93	100		
63	15.1	283.4	425.2#
95	0.0	26.9	40.3#



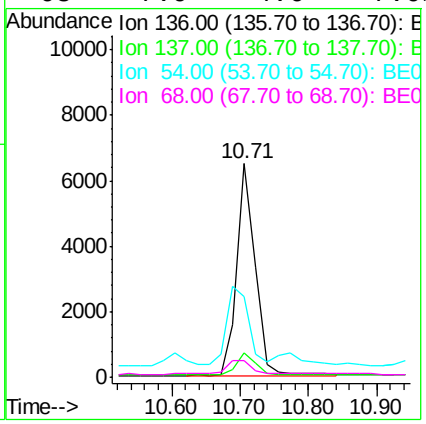


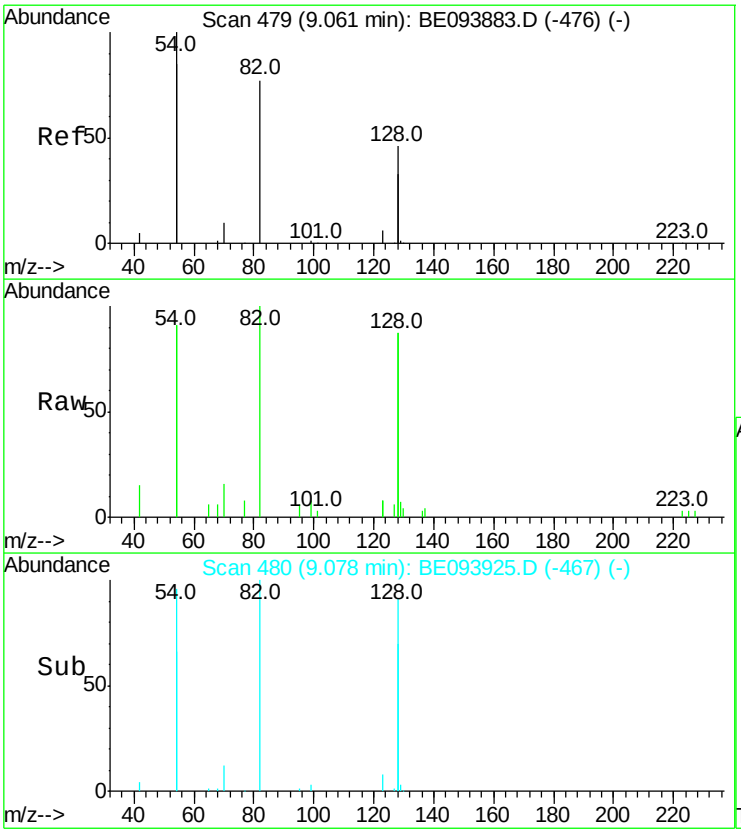
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.71 min Scan# 577
Delta R.T. -0.00 min
Lab File: BE093925.D
Acq: 2 Sep 2017 8:22

Instrument :
BNA_E
ClientSampleId :
3832-PA3-DUP

Tgt Ion:136 Resp: 12114

Ion	Ratio	Lower	Upper
136	100		
137	11.7	9.2	13.8
54	37.8	21.9	32.9#
68	7.9	4.6	7.0#

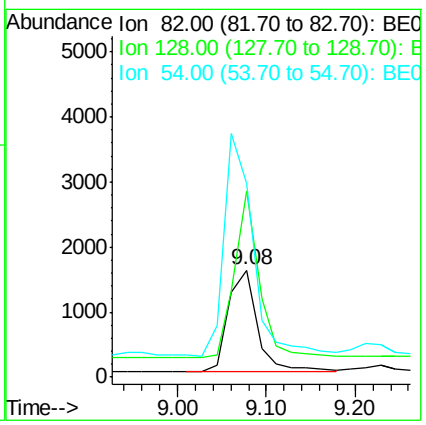


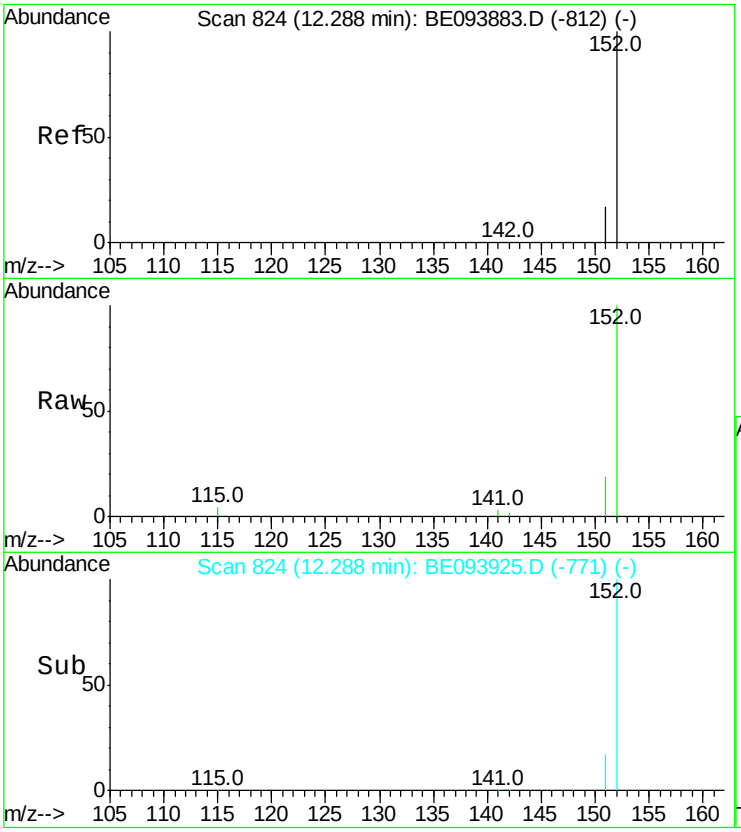


#8
Nitrobenzene-d5
Concen: 0.355 ng
RT: 9.08 min Scan# 480
Delta R.T. 0.02 min
Lab File: BE093925.D
Acq: 2 Sep 2017 8:22

Tgt Ion: 82 Resp: 3579

Ion	Ratio	Lower	Upper
82	100		
128	173.4	91.4	137.0#
54	181.3	197.8	296.8#



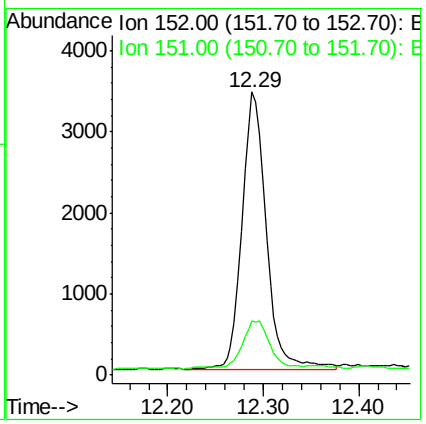


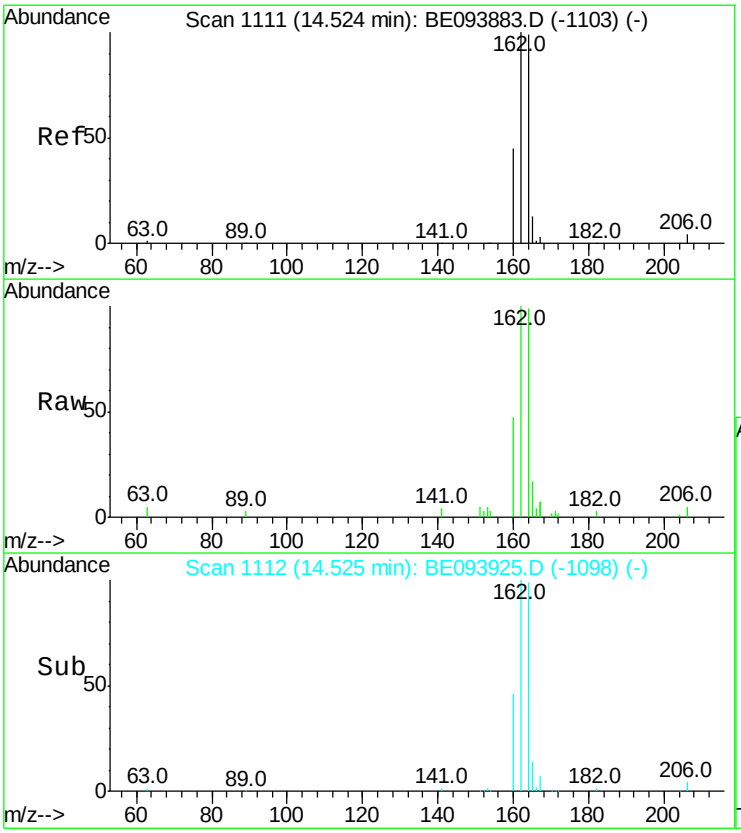
#11
2-Methylnaphthalene-d10
Concen: 0.317 ng
RT: 12.29 min Scan# 824
Delta R.T. 0.00 min
Lab File: BE093925.D
Acq: 2 Sep 2017 8:22

Instrument :
BNA_E
ClientSampleId :
3832-PA3-DUP

Tgt Ion:152 Resp: 6065

Ion	Ratio	Lower	Upper
152	100		
151	19.7	15.4	23.0

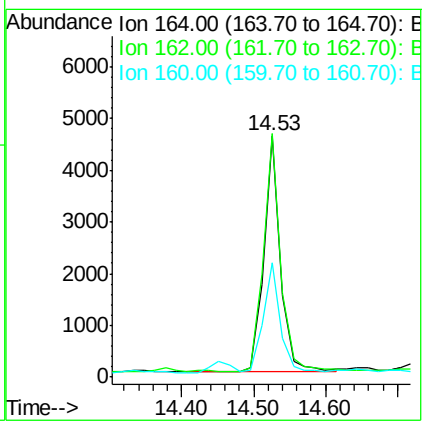


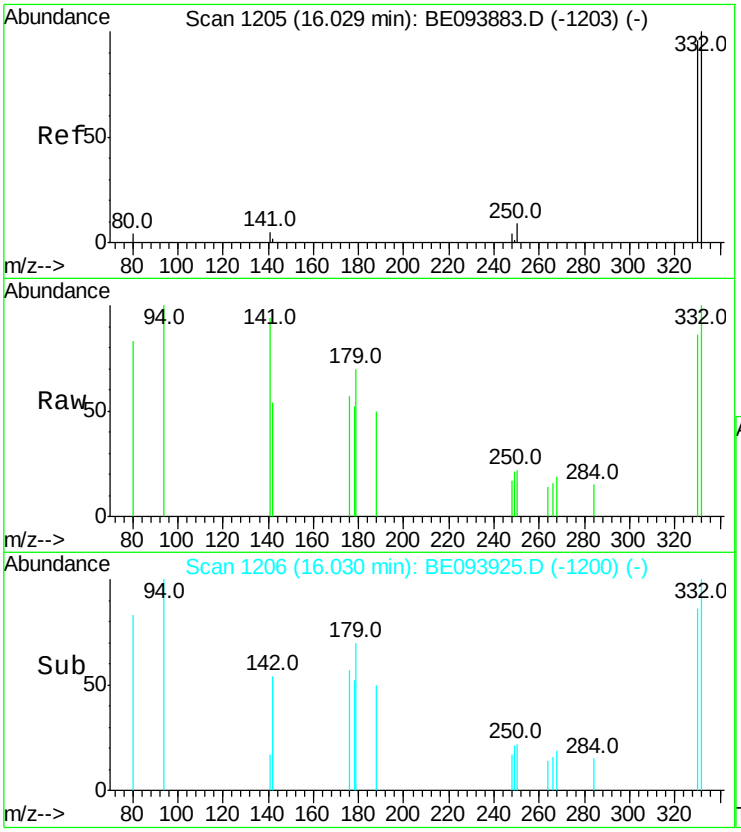


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.53 min Scan# 1112
Delta R.T. 0.00 min
Lab File: BE093925.D
Acq: 2 Sep 2017 8:22

Tgt Ion:164 Resp: 7399

Ion	Ratio	Lower	Upper
164	100		
162	100.9	80.8	121.2
160	47.1	37.0	55.4



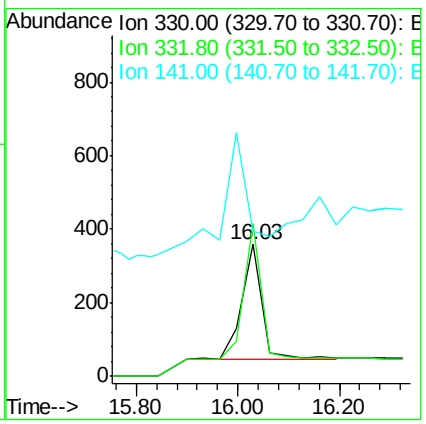


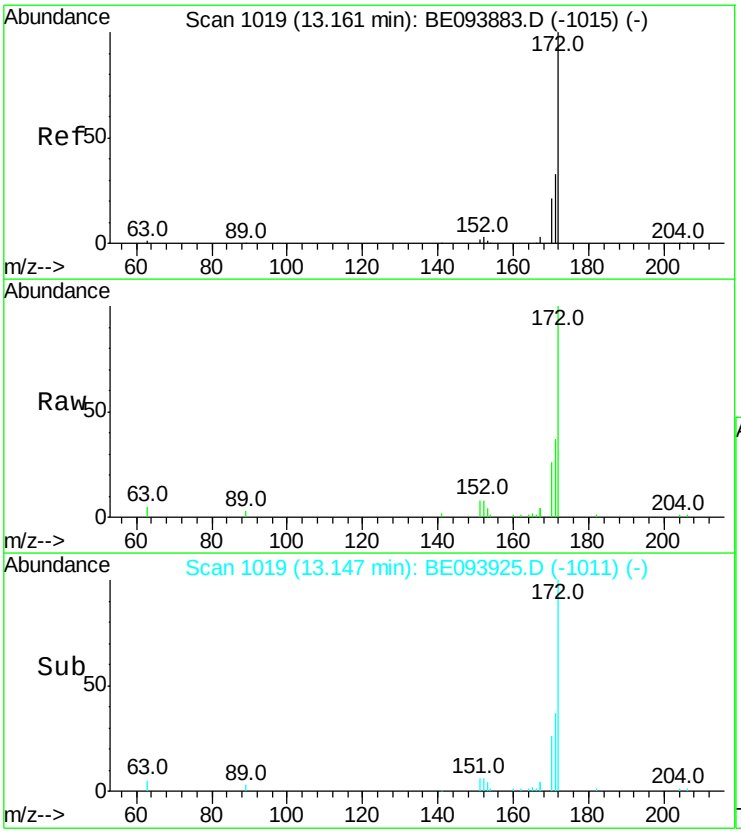
#14
2,4,6-Tribromophenol
Concen: 0.421 ng
RT: 16.03 min Scan# 1206
Delta R.T. 0.00 min
Lab File: BE093925.D
Acq: 2 Sep 2017 8:22

Instrument :
BNA_E
ClientSampleId :
3832-PA3-DUP

Tgt Ion:330 Resp: 835

Ion	Ratio	Lower	Upper
330	100		
332	104.7	76.9	115.3
141	0.0	0.0	0.0

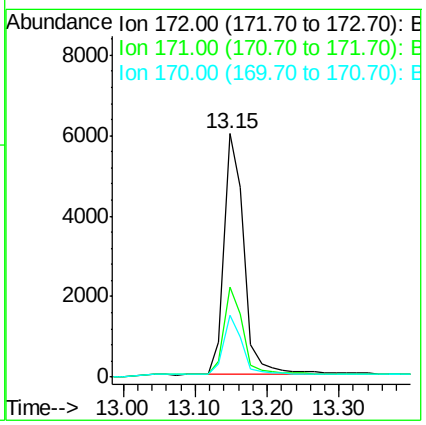


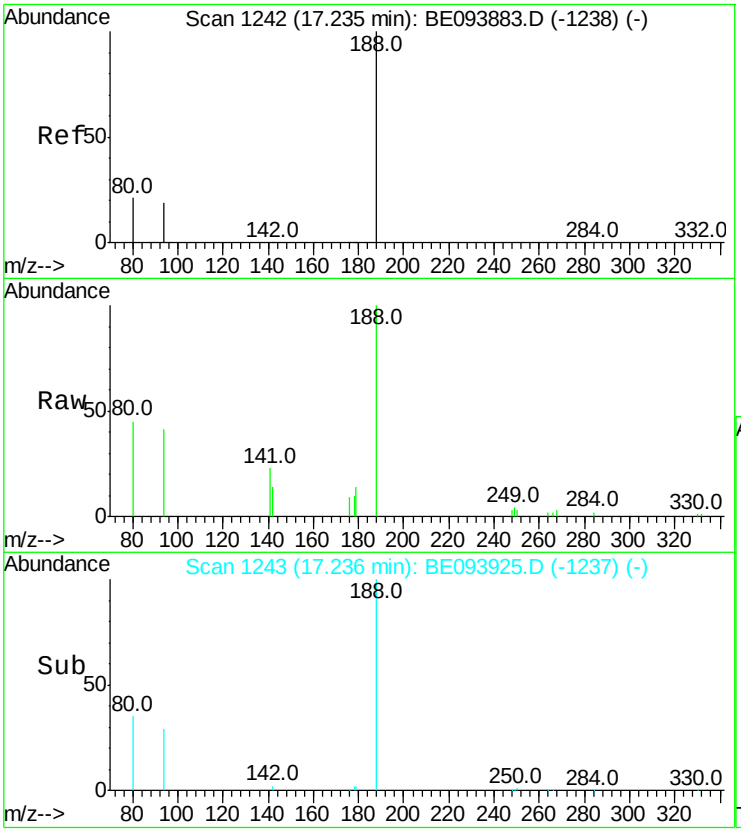


#15
2-Fluorobiphenyl
Concen: 0.397 ng
RT: 13.15 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BE093925.D
Acq: 2 Sep 2017 8:22

Tgt Ion:172 Resp: 11699

Ion	Ratio	Lower	Upper
172	100		
171	37.1	26.9	40.3
170	25.6	17.3	25.9



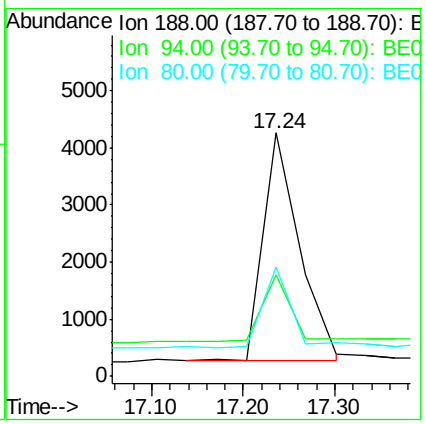


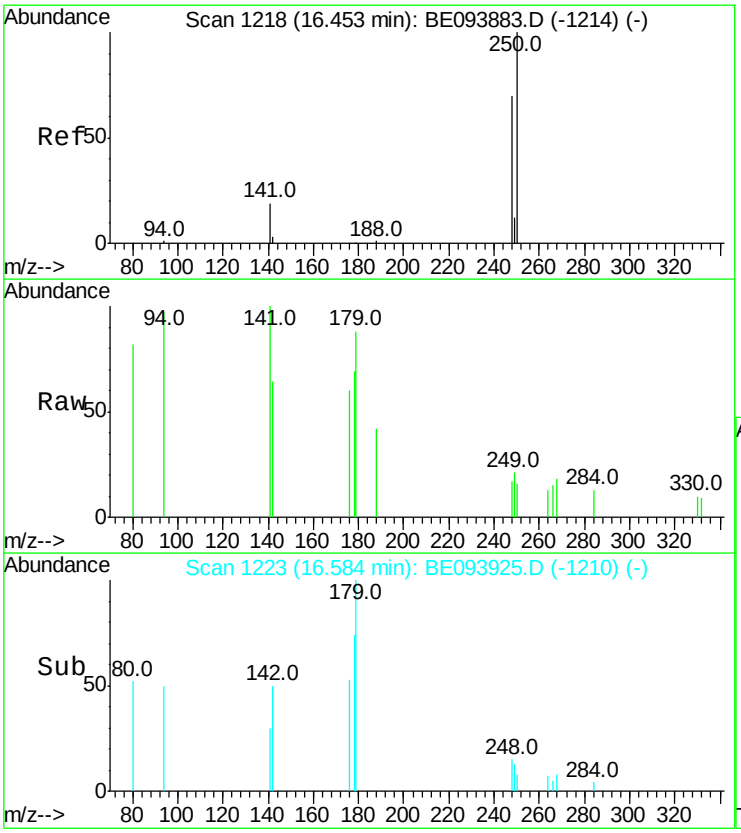
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.24 min Scan# 1243
Delta R.T. 0.00 min
Lab File: BE093925.D
Acq: 2 Sep 2017 8:22

Instrument :
BNA_E
ClientSampleId :
3832-PA3-DUP

Tgt Ion:188 Resp: 11045

Ion	Ratio	Lower	Upper
188	100		
94	41.5	16.1	24.1#
80	44.8	18.2	27.2#

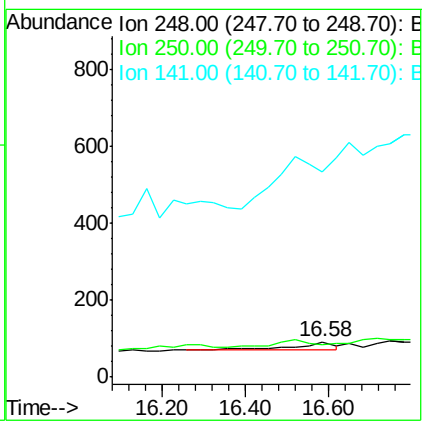


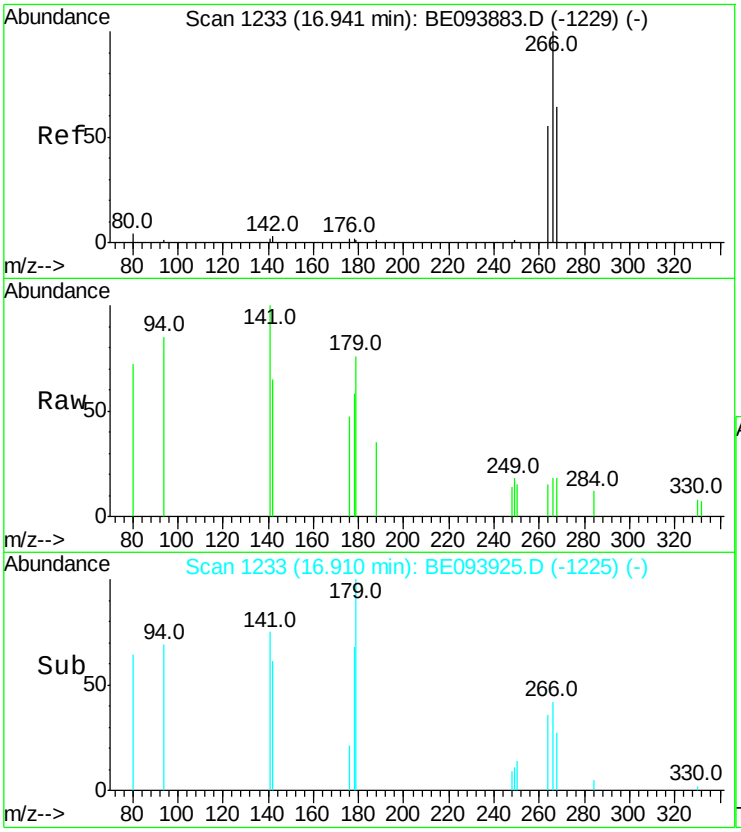


#20
4-Bromophenyl-phenylether
Concen: Below Cal
RT: 16.58 min Scan# 1223
Delta R.T. 0.13 min
Lab File: BE093925.D
Acq: 2 Sep 2017 8:22

Tgt Ion:248 Resp: 121

Ion	Ratio	Lower	Upper
248	100		
250	92.3	111.8	167.8#
141	586.8	27.1	40.7#



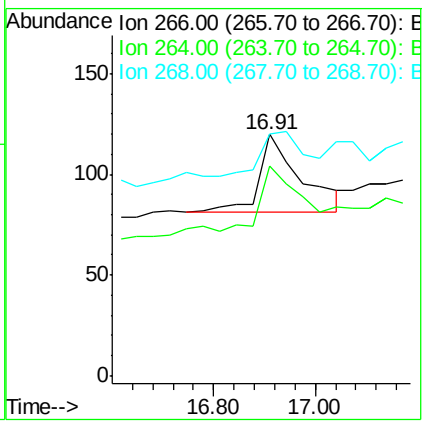


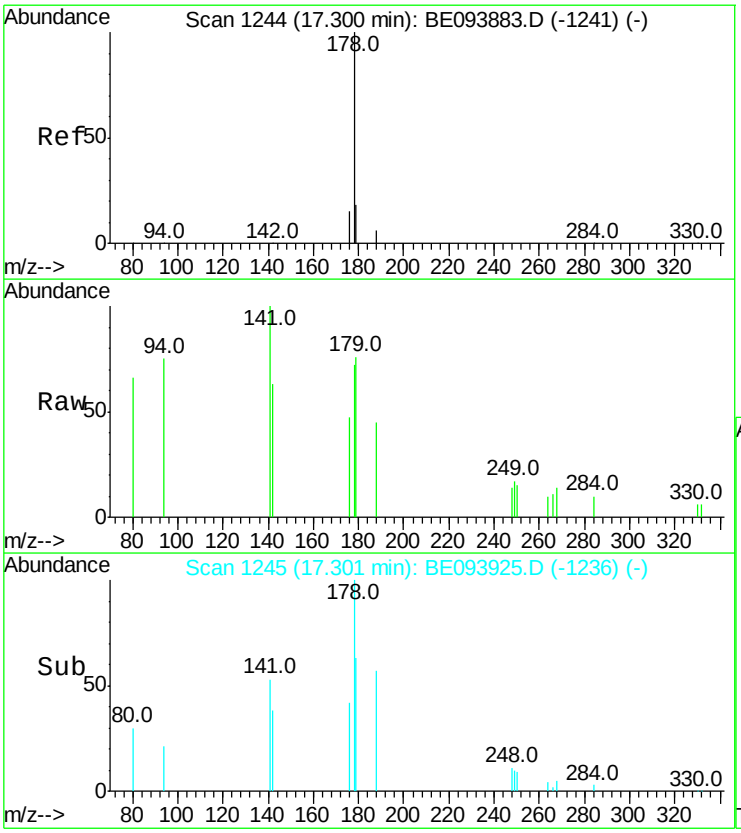
#22
Pentachlorophenol
Concen: 0.129 ng
RT: 16.91 min Scan# 1233
Delta R.T. -0.03 min
Lab File: BE093925.D
Acq: 2 Sep 2017 8:22

Instrument :
BNA_E
ClientSampleId :
3832-PA3-DUP

Tgt Ion:266 Resp: 223

Ion	Ratio	Lower	Upper
266	100		
264	86.7	53.5	80.3#
268	100.0	60.0	90.0#

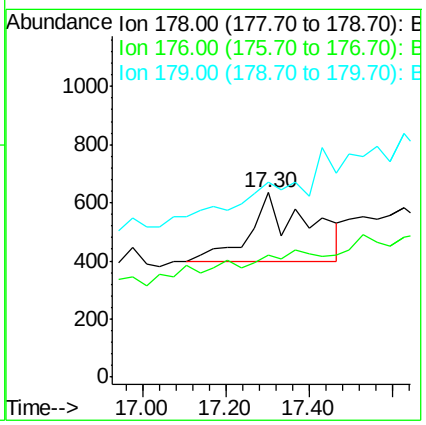


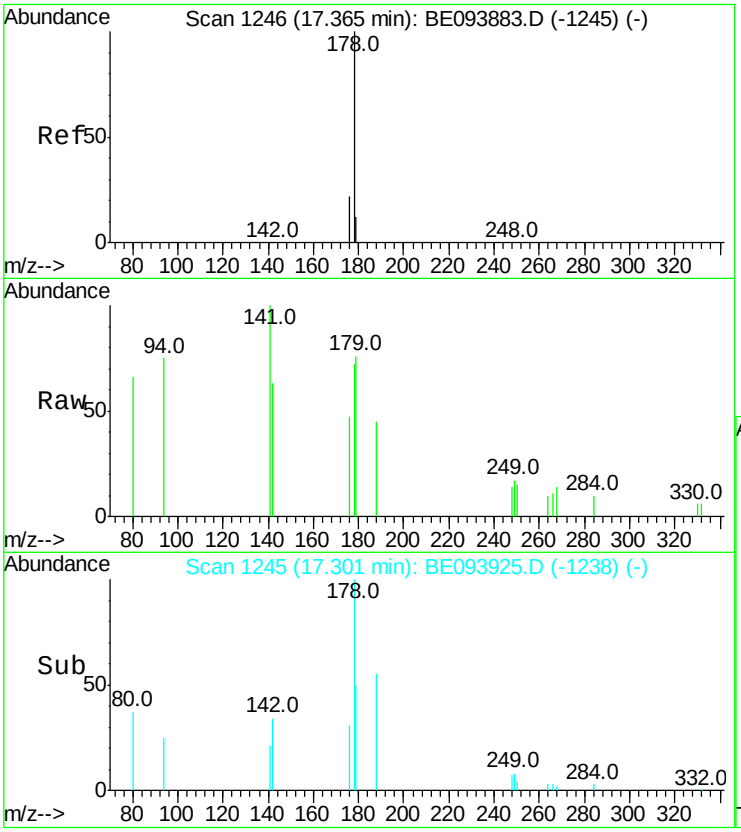


#23
Phenanthrene
Concen: 0.083 ng
RT: 17.30 min Scan# 1245
Delta R.T. 0.00 min
Lab File: BE093925.D
Acq: 2 Sep 2017 8:22

Tgt Ion:178 Resp: 2321

Ion	Ratio	Lower	Upper
178	100		
176	0.0	0.0	0.0
179	35.3	12.6	18.8#



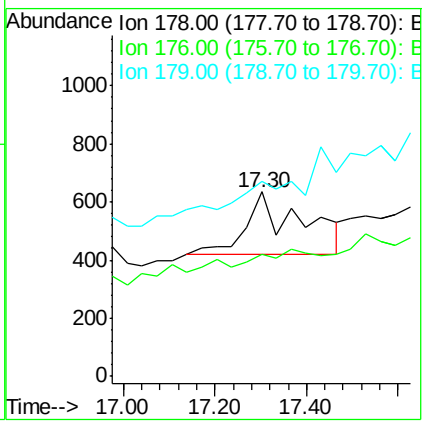


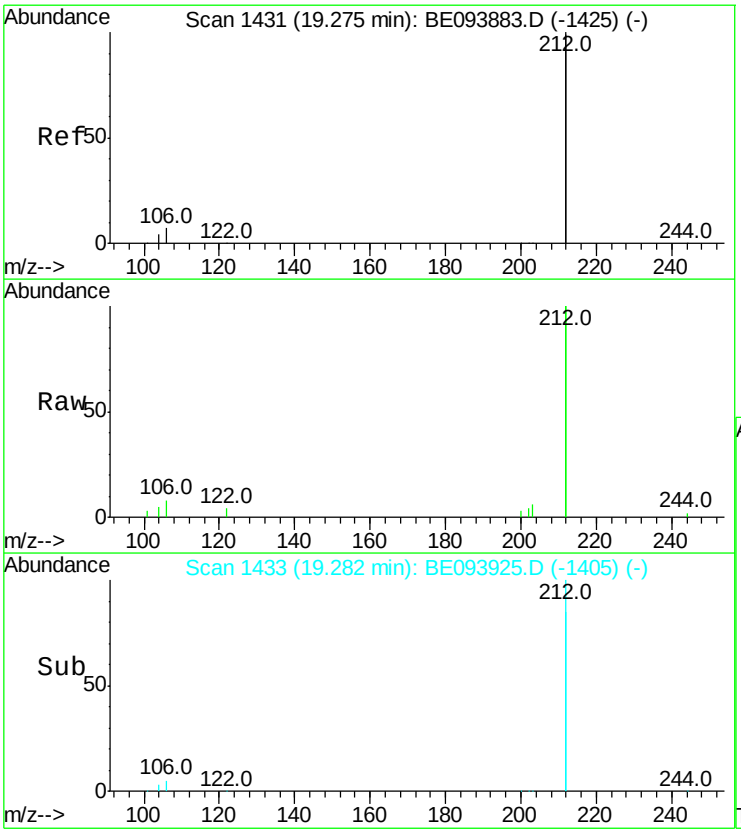
#24
Anthracene
Concen: 0.053 ng
RT: 17.30 min Scan# 1245
Delta R.T. -0.06 min
Lab File: BE093925.D
Acq: 2 Sep 2017 8:22

Instrument :
BNA_E
ClientSampleId :
3832-PA3-DUP

Tgt Ion:178 Resp: 1784

Ion	Ratio	Lower	Upper
178	100		
176	0.0	16.0	24.0#
179	29.0	0.0	0.0#

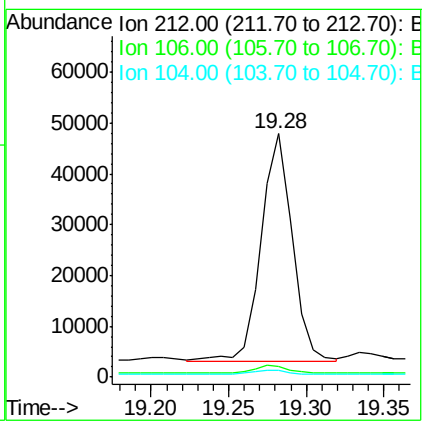


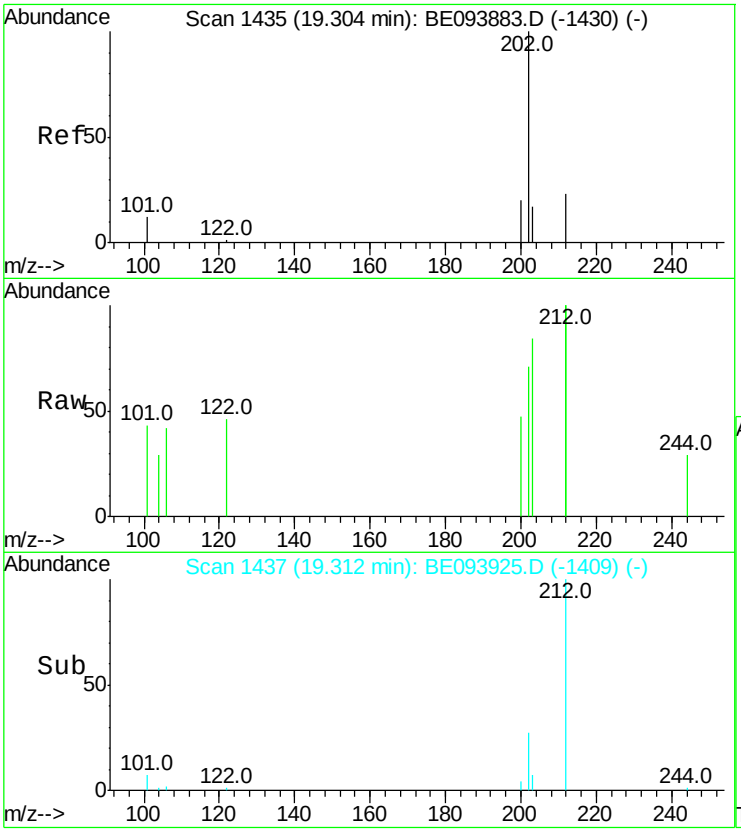


#25
Fluoranthene-d10
Concen: 0.490 ng
RT: 19.28 min Scan# 1433
Delta R.T. 0.01 min
Lab File: BE093925.D
Acq: 2 Sep 2017 8:22

Tgt Ion:212 Resp: 62373

Ion	Ratio	Lower	Upper
212	100		
106	3.5	2.7	4.1
104	2.1	1.6	2.4



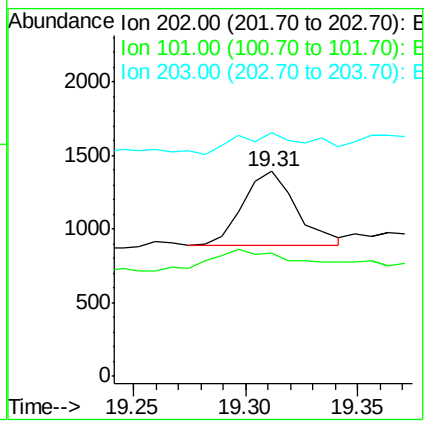


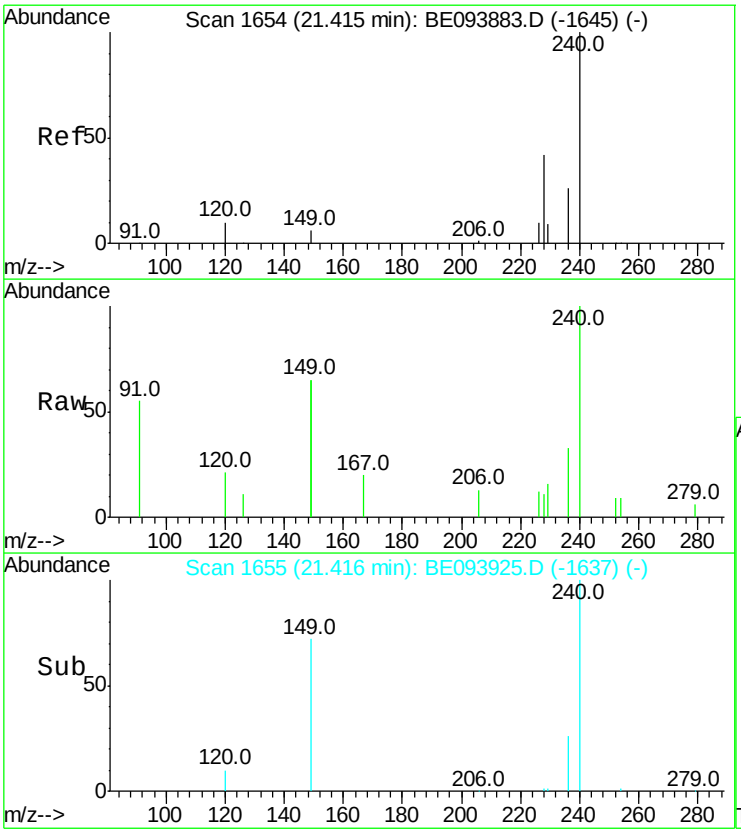
#26
Fluoranthene
Concen: 0.022 ng
RT: 19.31 min Scan# 1437
Delta R.T. 0.01 min
Lab File: BE093925.D
Acq: 2 Sep 2017 8:22

Instrument :
BNA_E
ClientSampleId :
3832-PA3-DUP

Tgt Ion:202 Resp: 829

Ion	Ratio	Lower	Upper
202	100		
101	54.9	9.7	14.5#
203	31.2	13.7	20.5#

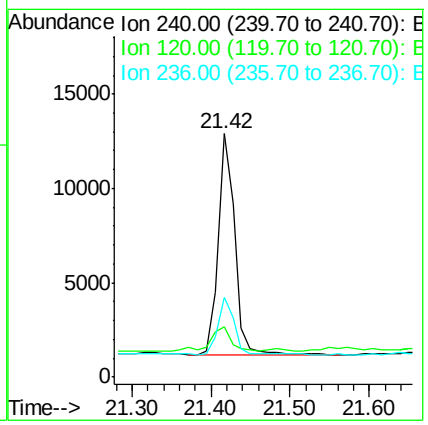


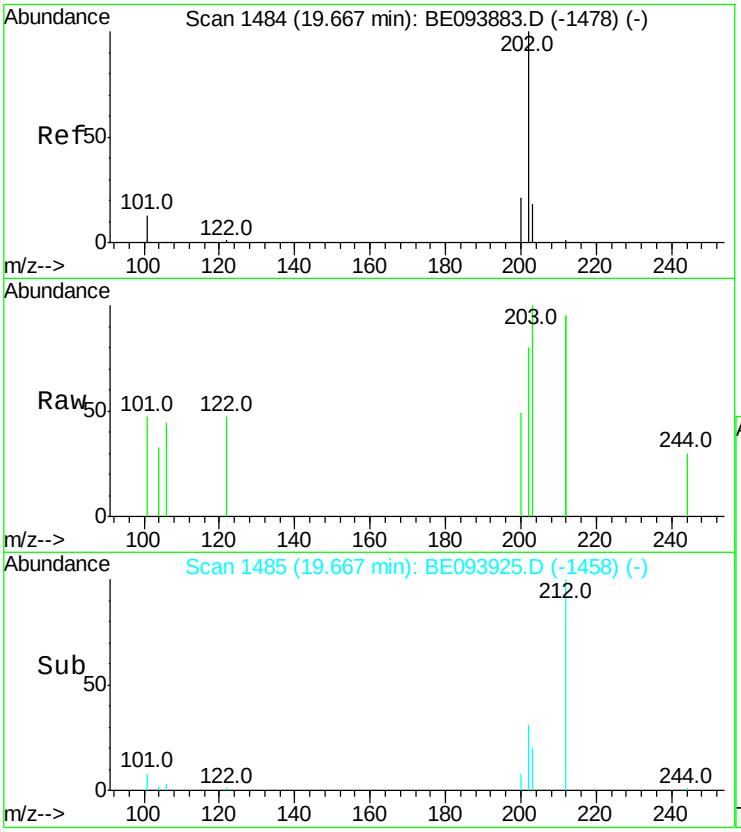


#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.42 min Scan# 1655
Delta R.T. 0.00 min
Lab File: BE093925.D
Acq: 2 Sep 2017 8:22

Tgt Ion:240 Resp: 17355

Ion	Ratio	Lower	Upper
240	100		
120	20.8	8.7	13.1#
236	32.9	21.3	31.9#



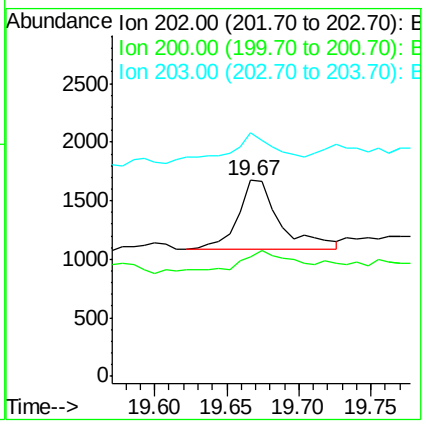


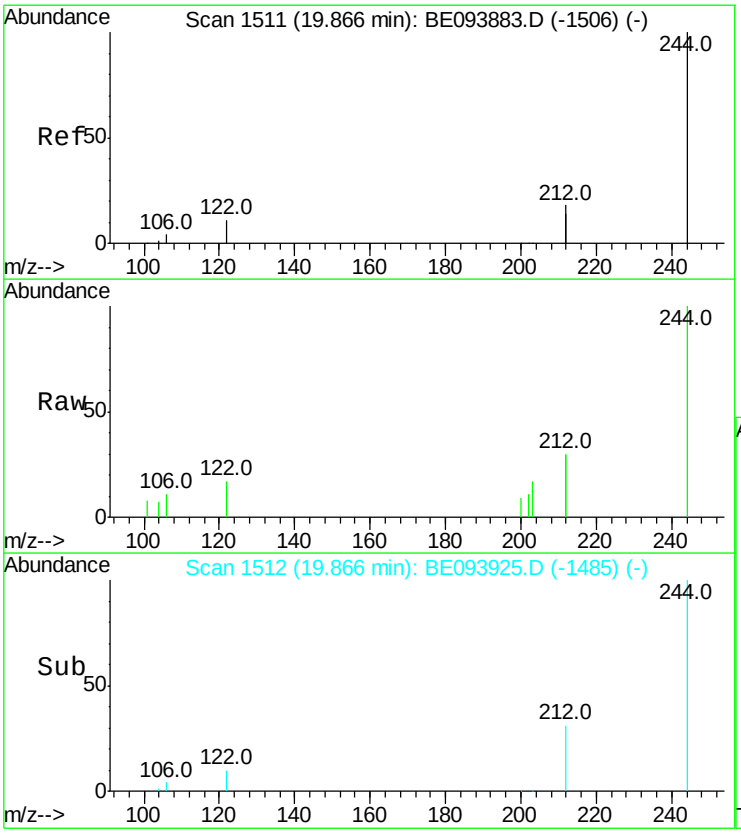
#28
Pyrene
Concen: 0.020 ng
RT: 19.67 min Scan# 1485
Delta R.T. -0.00 min
Lab File: BE093925.D
Acq: 2 Sep 2017 8:22

Instrument :
BNA_E
ClientSampleId :
3832-PA3-DUP

Tgt Ion:202 Resp: 1183

Ion	Ratio	Lower	Upper
202	100		
200	29.9	16.6	24.8#
203	52.8	14.2	21.4#

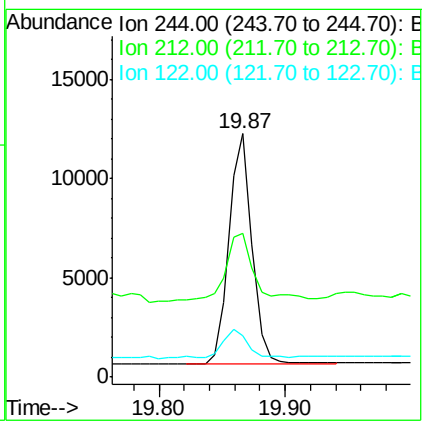


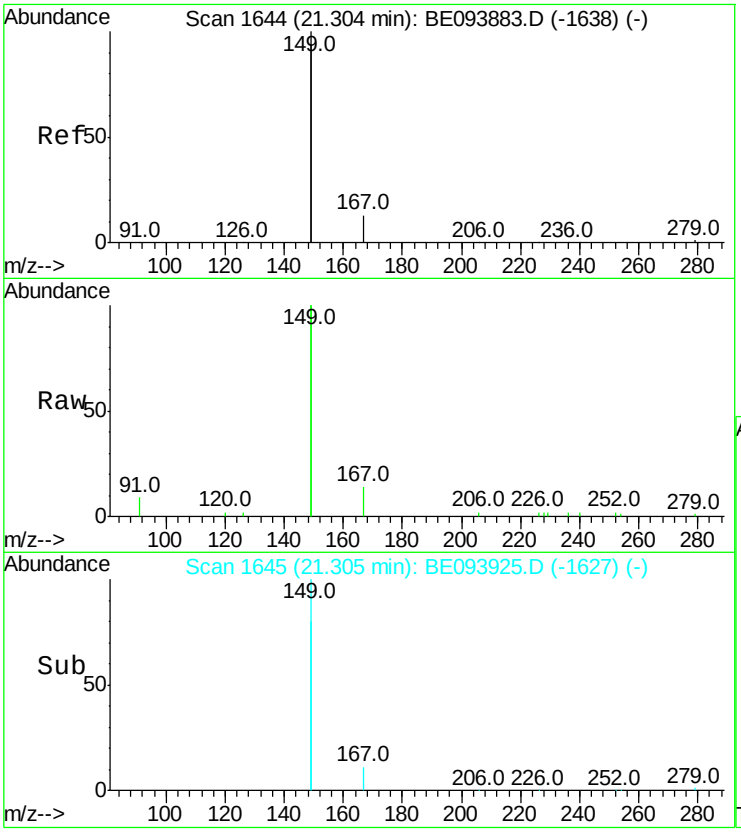


#29
Terphenyl-d14
Concen: 0.471 ng
RT: 19.87 min Scan# 1512
Delta R.T. -0.00 min
Lab File: BE093925.D
Acq: 2 Sep 2017 8:22

Tgt Ion:244 Resp: 14803

Ion	Ratio	Lower	Upper
244	100		
212	59.0	28.3	42.5#
122	17.1	9.4	14.0#



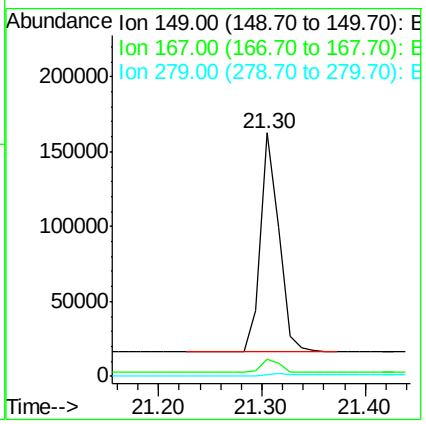


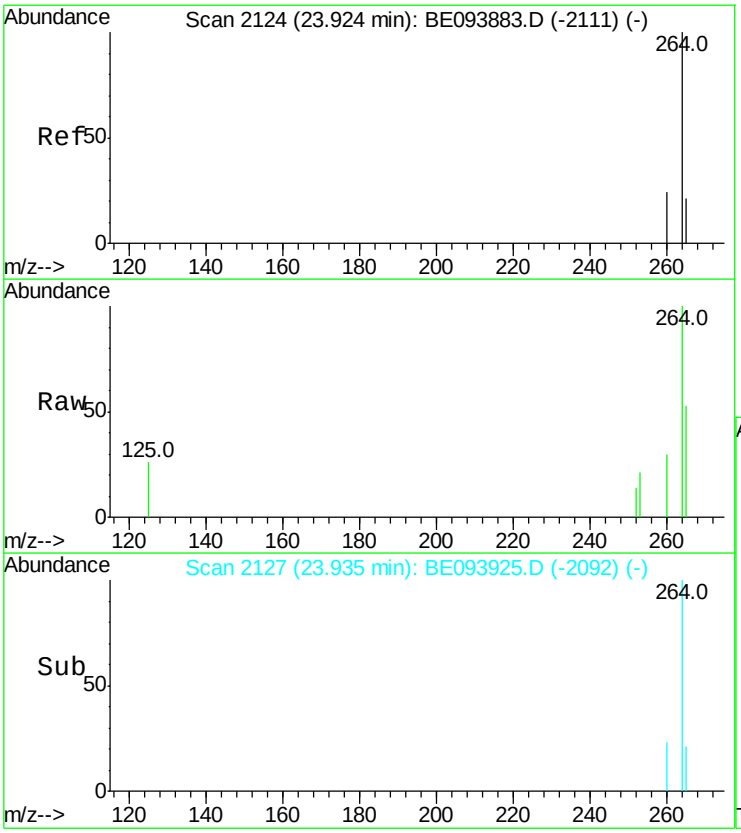
#32
Bis(2-ethylhexyl)phthalate
Concen: 1.674 ng
RT: 21.30 min Scan# 1645
Delta R.T. 0.00 min
Lab File: BE093925.D
Acq: 2 Sep 2017 8:22

Instrument :
BNA_E
ClientSampleId :
3832-PA3-DUP

Tgt Ion:149 Resp: 181888

Ion	Ratio	Lower	Upper
149	100		
167	6.5	5.4	8.0
279	0.9	0.7	1.1





#34
Perylene-d12
Concen: 0.400 ng
RT: 23.94 min Scan# 2127
Delta R.T. 0.01 min
Lab File: BE093925.D
Acq: 2 Sep 2017 8:22

Tgt Ion:264 Resp: 15207

Ion	Ratio	Lower	Upper
264	100		
260	30.3	20.0	30.0#
265	52.9	24.0	36.0#