Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE103017\
Data File : BE094650.D
Acq On : 30 Oct 2017 19:29
Operator : SJ/JU
Sample : I6036-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Oct 31 01:16:21 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE102317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 23 22:40:47 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	1192	0.40	ng		0.00
7) Naphthalene-d8	10.69	136	6638	0.40	ng		-0.02
13) Acenaphthene-d10	14.51	164	4605	0.40	ng		0.00
19) Phenanthrene-d10	17.24	188	9806	0.40	ng		0.00
27) Chrysene-d12	21.43	240	8310	0.40	ng		0.00
34) Perylene-d12	23.97	264	7858	0.40	ng		0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.54	112	737	0.18	ng		0.01
5) Phenol-d6	7.14	99	727	0.12	ng		0.00
8) Nitrobenzene-d5	9.08	82	2206	0.42	ng		0.00
11) 2-Methylnaphthalene-d10	12.28	152	4471	0.42	ng		-0.01
14) 2,4,6-Tribromophenol	16.03	330	391	0.31	ng		0.00
15) 2-Fluorobiphenyl	13.13	172	6423	0.40	ng		-0.01
25) Fluoranthene-d10	19.28	212	42736	0.34	ng		0.00
29) Terphenyl-d14	19.86	244	7217	0.46	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.41	88	54	0.03	ng	#	16
3) n-Nitrosodimethylamine	3.71	42	113	0.06	ng	#	1
6) bis(2-Chloroethyl)ether	7.26	93	261	0.05	ng	#	1
9) Naphthalene	10.74	128	2087	0.03	ng	#	74
20) 4-Bromophenyl-phenylether	16.39	248	119	0.02	ng	#	1
23) Phenanthrene	17.27	178	1269	Below Cal		#	61
24) Anthracene	17.43	178	1389	0.05	ng	#	1
26) Fluoranthene	19.31	202	354	Below Cal		#	80
28) Pyrene	19.67	202	1740	0.06	ng	#	81
32) Bis(2-ethylhexyl)phthalate	21.28	149	4623	0.07	ng	#	94

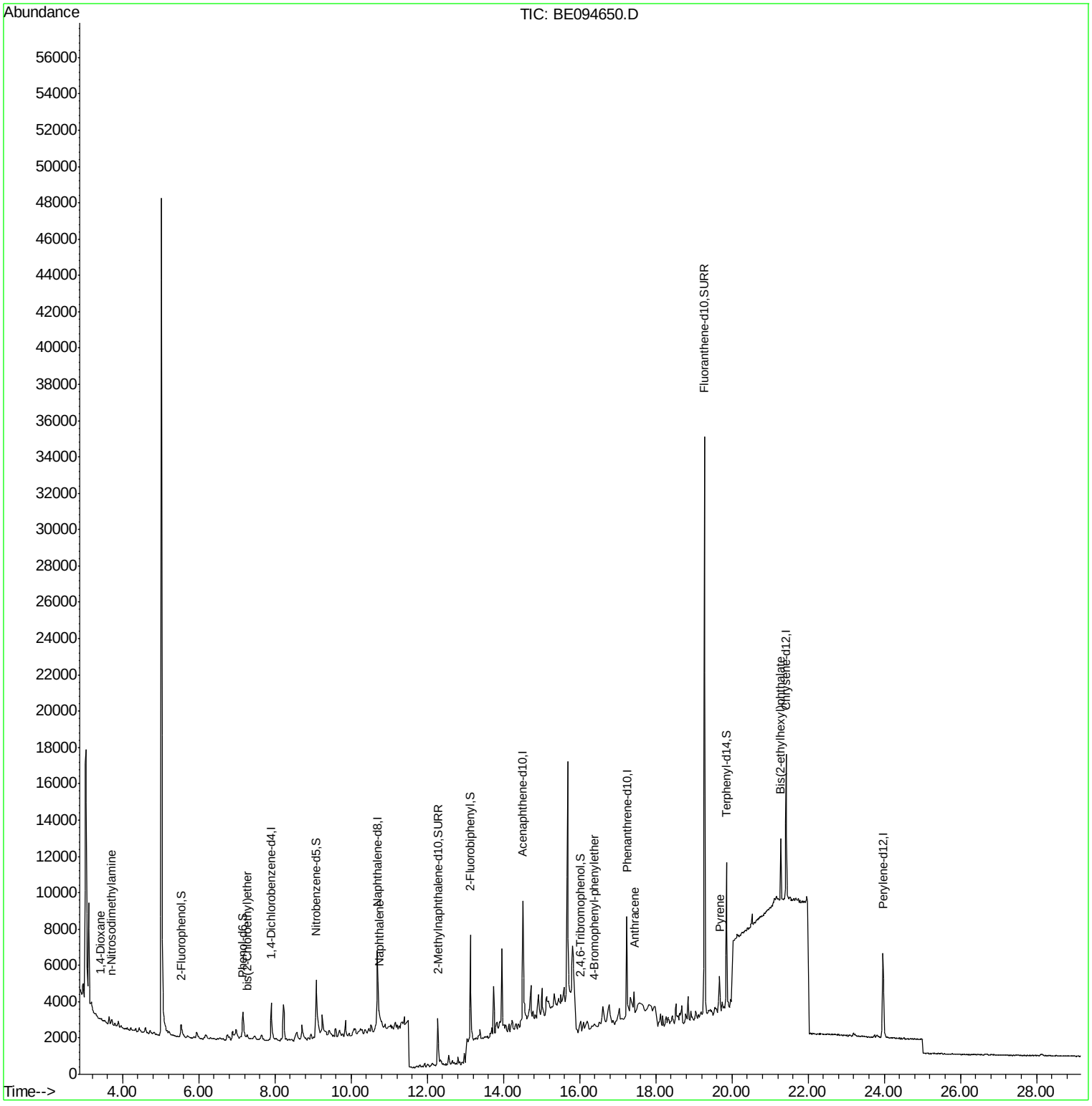
(#) = qualifier out of range (m) = manual integration (+) = signals summed

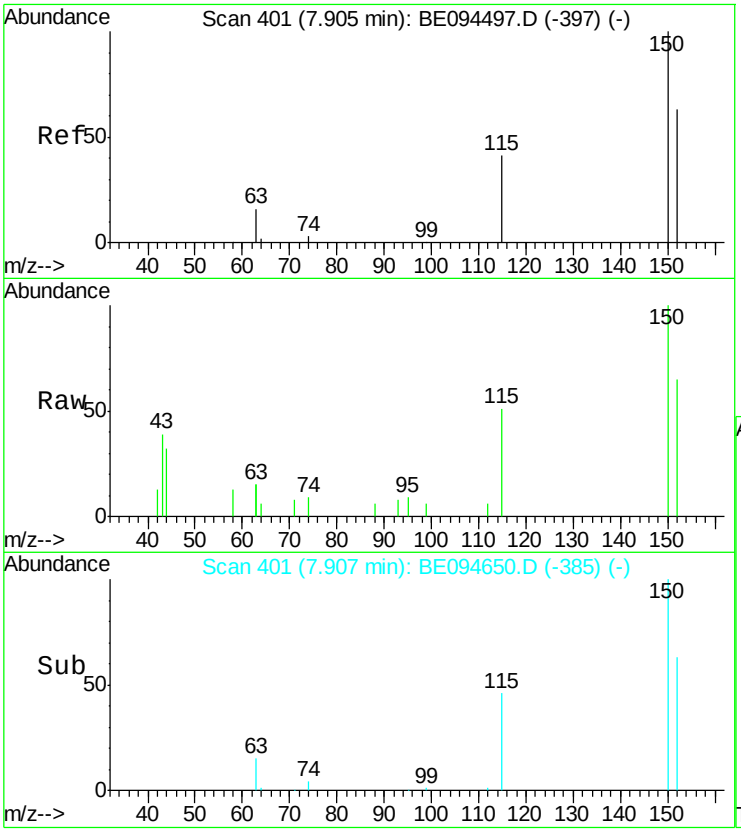
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE103017\
Data File : BE094650.D
Acq On : 30 Oct 2017 19:29
Operator : SJ/JU
Sample : I6036-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Oct 31 01:16:21 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE102317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 23 22:40:47 2017
Response via : Initial Calibration



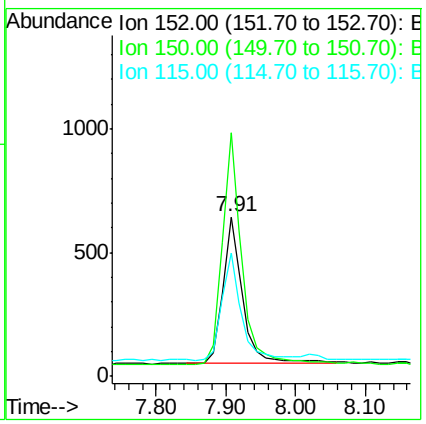


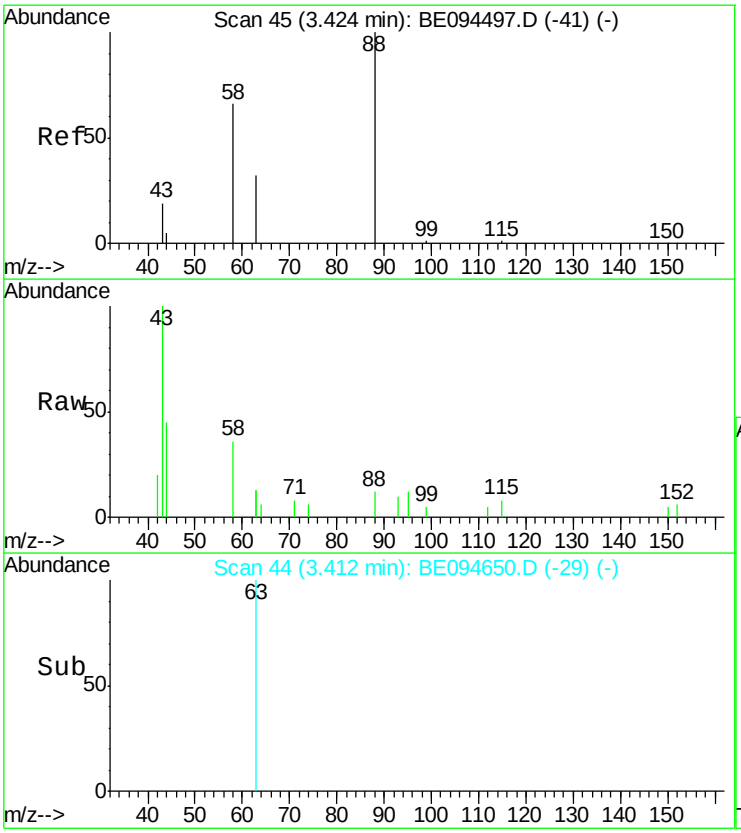
#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.91 min Scan# 401
Delta R.T. 0.00 min
Lab File: BE094650.D
Acq: 30 Oct 2017 19:29

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 1192

Ion	Ratio	Lower	Upper
152	100		
150	153.0	117.2	175.8
115	77.4	57.0	85.6

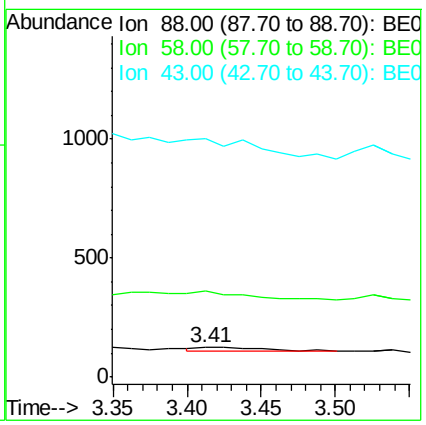


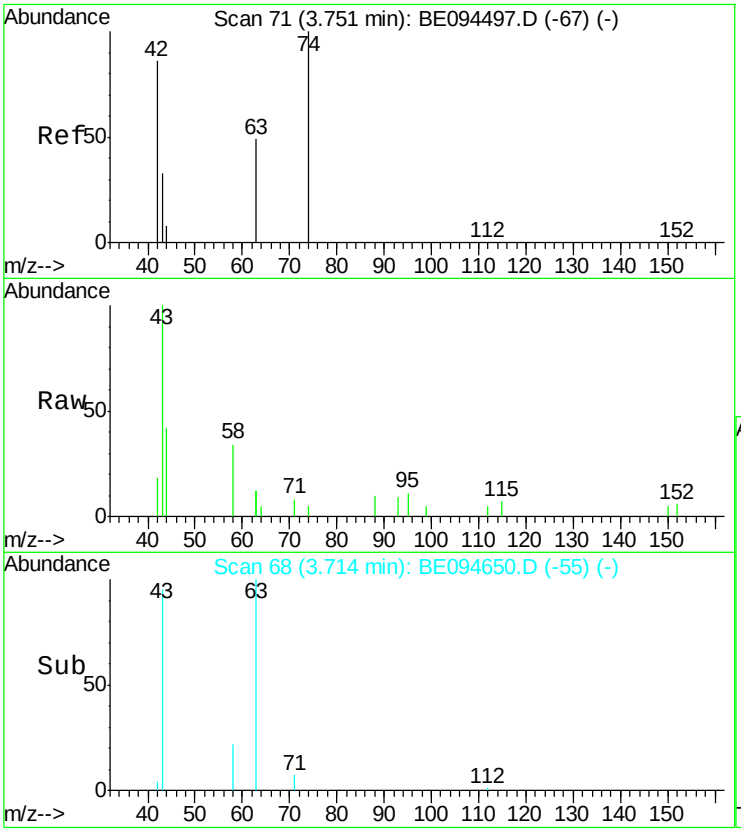


#2
1,4-Dioxane
Concen: 0.03 ng
RT: 3.41 min Scan# 44
Delta R.T. -0.01 min
Lab File: BE094650.D
Acq: 30 Oct 2017 19:29

Tgt Ion: 88 Resp: 54

Ion	Ratio	Lower	Upper
88	100		
58	0.0	63.2	94.8#
43	0.0	41.2	61.8#



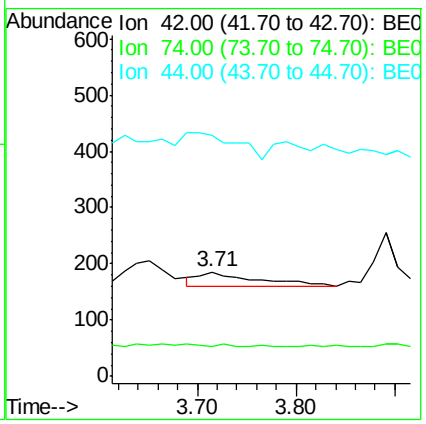


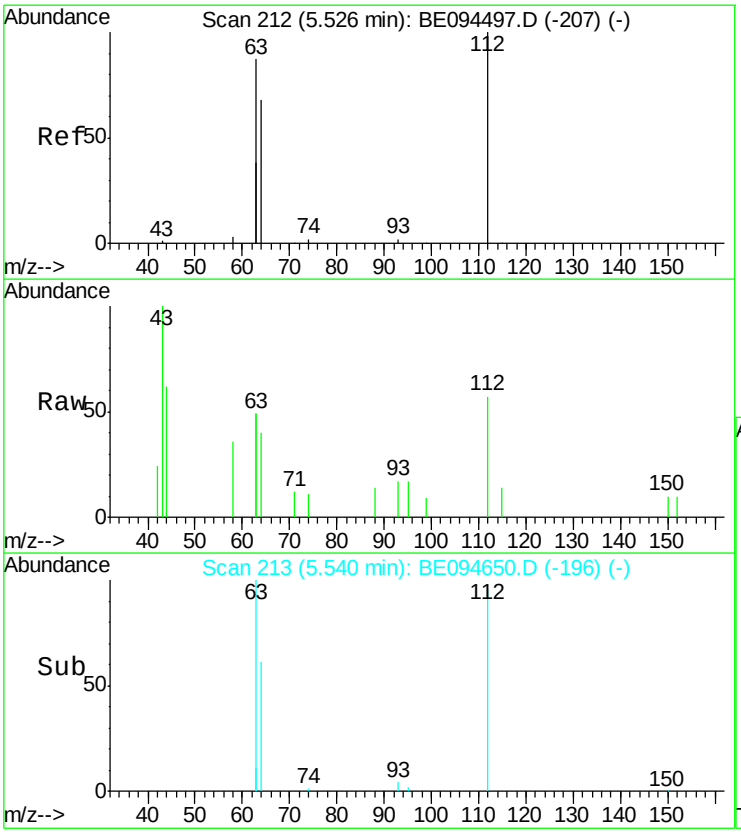
#3
n-Nitrosodimethylamine
Concen: 0.06 ng
RT: 3.71 min Scan# 68
Delta R.T. -0.04 min
Lab File: BE094650.D
Acq: 30 Oct 2017 19:29

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 42 Resp: 113

Ion	Ratio	Lower	Upper
42	100		
74	0.0	100.3	150.5#
44	0.0	17.0	25.4#

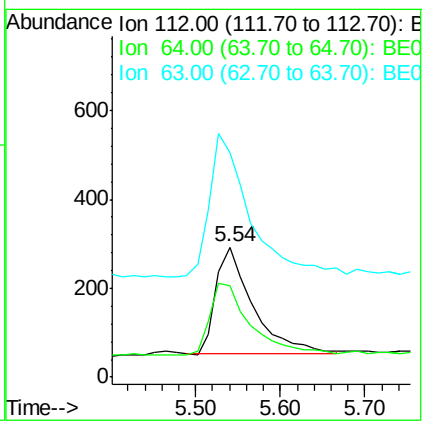


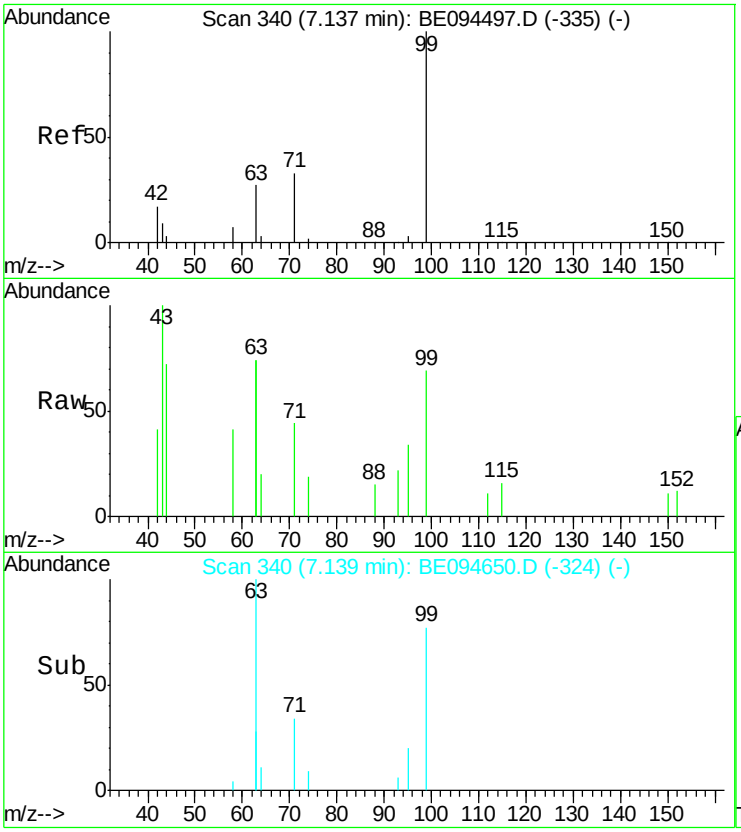


#4
2-Fluorophenol
Concen: 0.18 ng
RT: 5.54 min Scan# 213
Delta R.T. 0.01 min
Lab File: BE094650.D
Acq: 30 Oct 2017 19:29

Tgt Ion:112 Resp: 737

Ion	Ratio	Lower	Upper
112	100		
64	73.9	60.1	90.1
63	145.7	116.8	175.2



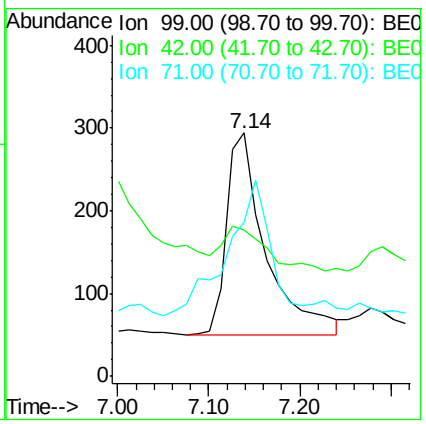


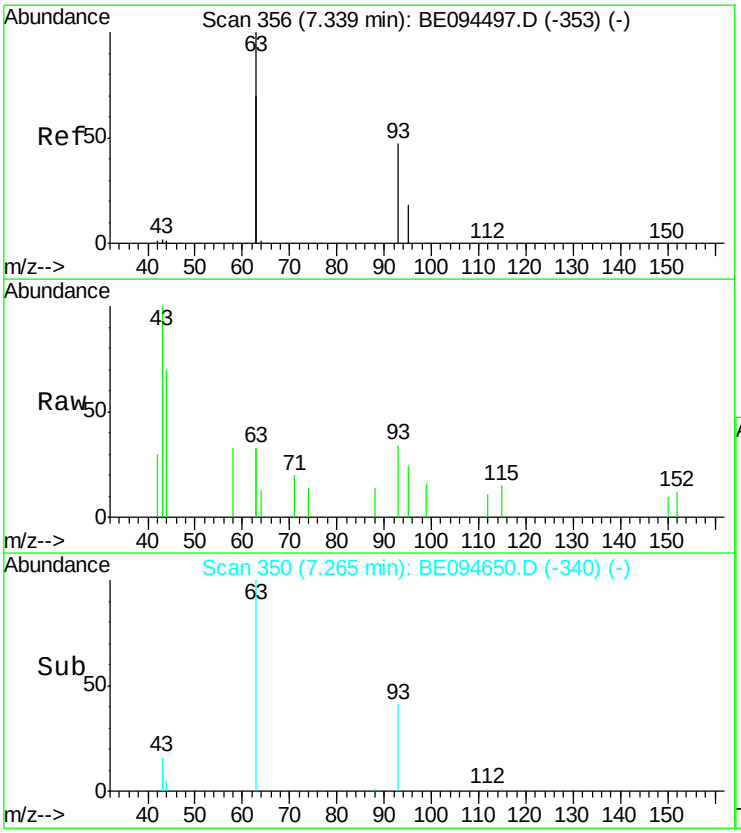
#5
Phenol-d6
Concen: 0.12 ng
RT: 7.14 min Scan# 340
Delta R.T. 0.00 min
Lab File: BE094650.D
Acq: 30 Oct 2017 19:29

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 99 Resp: 727

Ion	Ratio	Lower	Upper
99	100		
42	23.5	20.2	30.2
71	0.0	28.4	42.6#

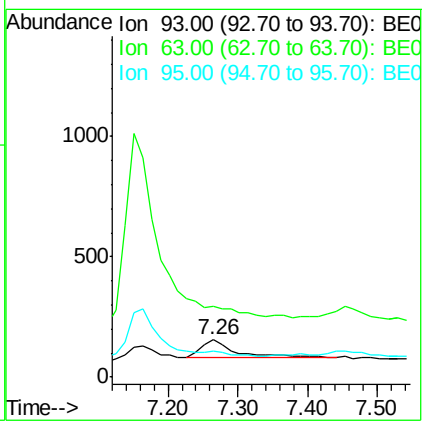


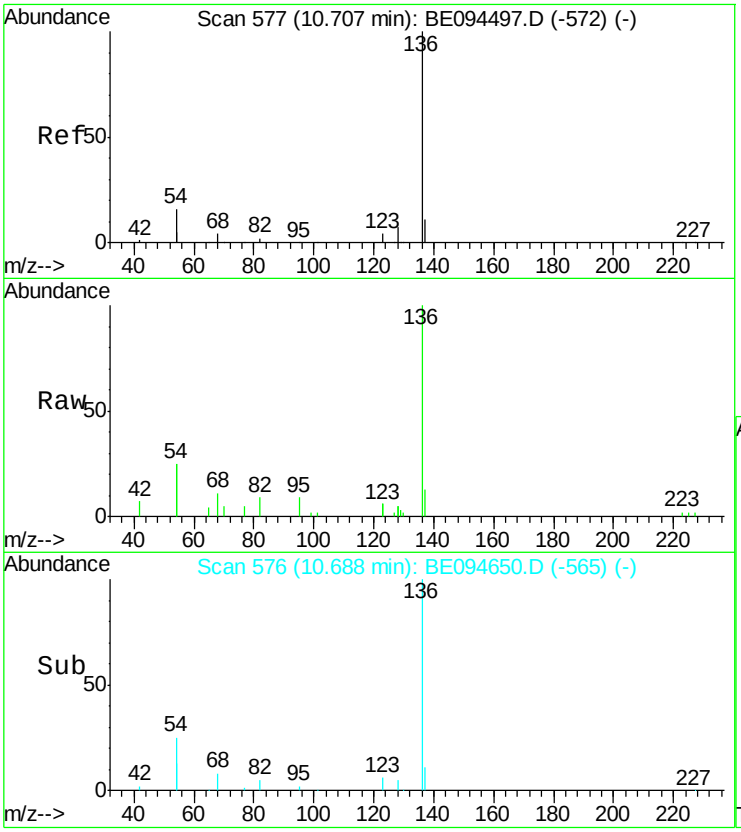


#6
bis(2-Chloroethyl)ether
Concen: 0.05 ng
RT: 7.26 min Scan# 350
Delta R.T. -0.07 min
Lab File: BE094650.D
Acq: 30 Oct 2017 19:29

Tgt Ion: 93 Resp: 261

Ion	Ratio	Lower	Upper
93	100		
63	0.0	275.3	412.9#
95	0.0	25.2	37.8#



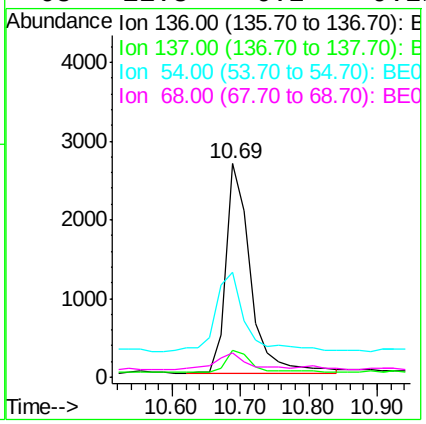


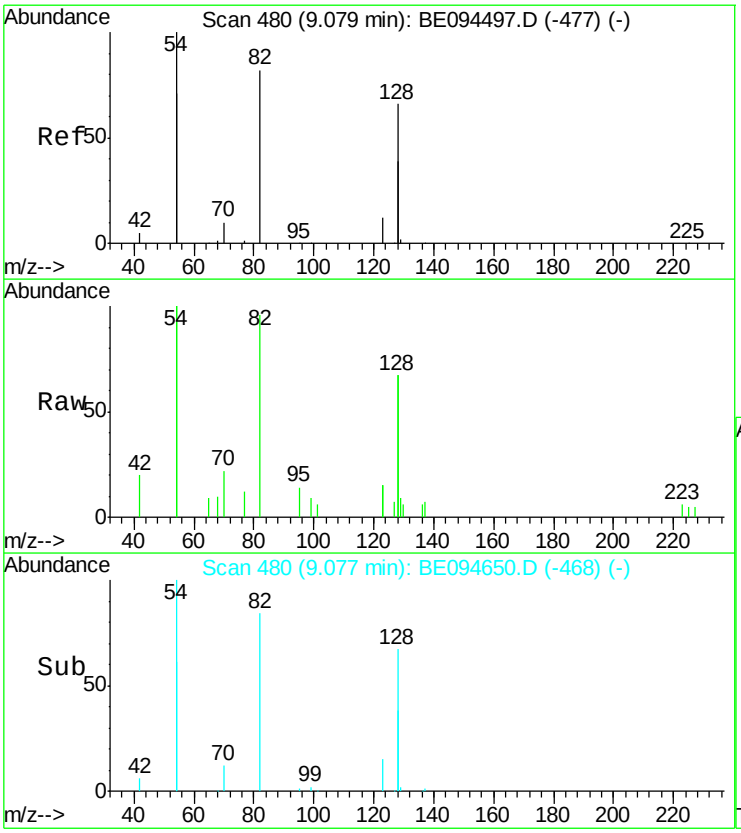
#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.69 min Scan# 576
Delta R.T. -0.02 min
Lab File: BE094650.D
Acq: 30 Oct 2017 19:29

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:136 Resp: 6638

Ion	Ratio	Lower	Upper
136	100		
137	12.8	9.5	14.3
54	49.4	29.1	43.7#
68	11.3	6.2	9.2#

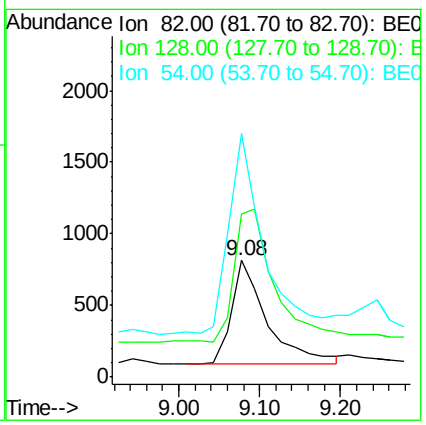


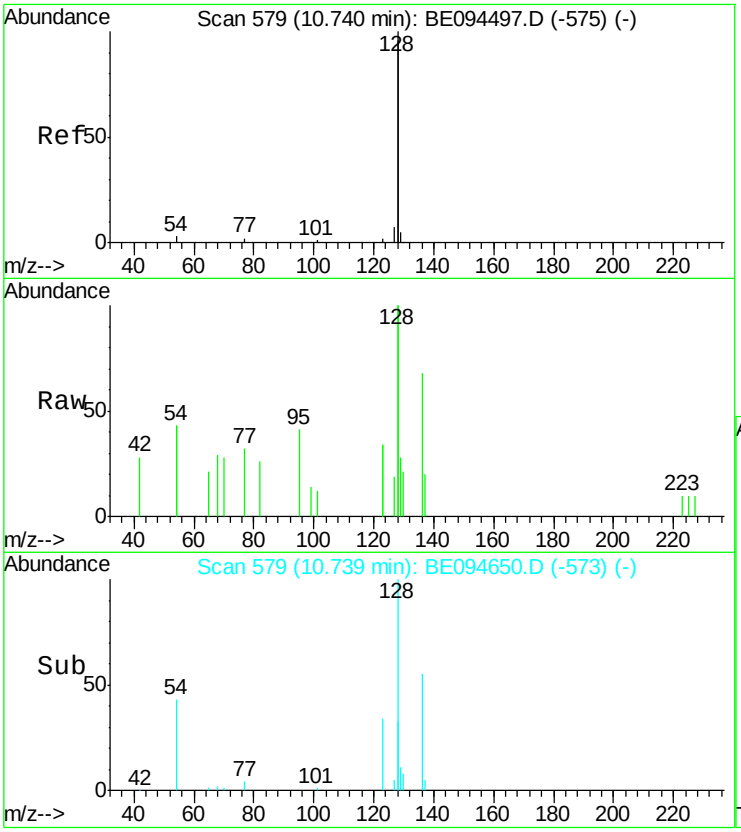


#8
Nitrobenzene-d5
Concen: 0.42 ng
RT: 9.08 min Scan# 480
Delta R.T. -0.00 min
Lab File: BE094650.D
Acq: 30 Oct 2017 19:29

Tgt Ion: 82 Resp: 2206

Ion	Ratio	Lower	Upper
82	100		
128	139.1	150.0	225.0#
54	208.6	154.2	231.4



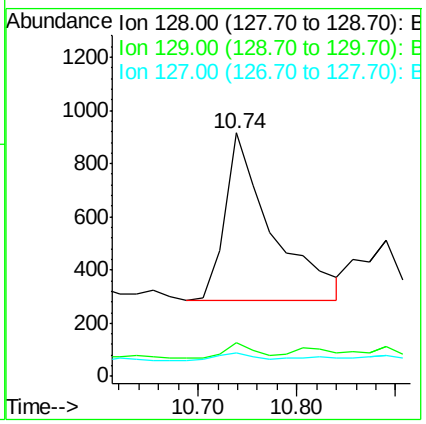


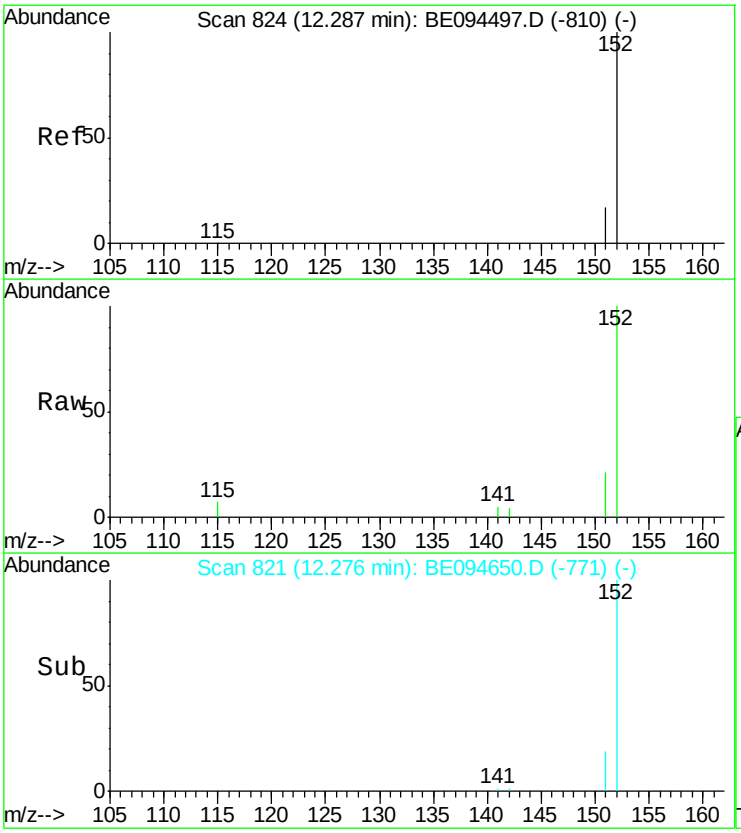
#9
Naphthalene
Concen: 0.03 ng
RT: 10.74 min Scan# 579
Delta R.T. -0.00 min
Lab File: BE094650.D
Acq: 30 Oct 2017 19:29

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:128 Resp: 2087

Ion	Ratio	Lower	Upper
128	100		
129	14.1	2.6	3.8#
127	9.7	2.8	4.2#

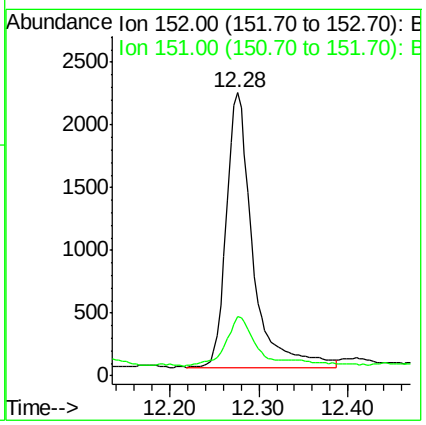


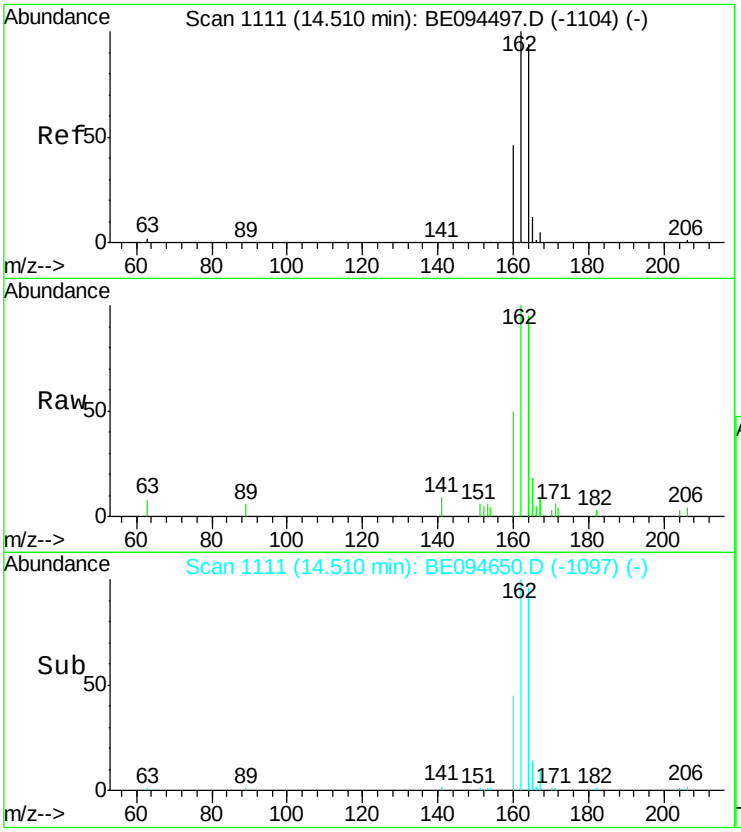


#11
2-Methylnaphthalene-d10
Concen: 0.42 ng
RT: 12.28 min Scan# 821
Delta R.T. -0.01 min
Lab File: BE094650.D
Acq: 30 Oct 2017 19:29

Tgt Ion:152 Resp: 4471

Ion	Ratio	Lower	Upper
152	100		
151	19.0	15.4	23.0



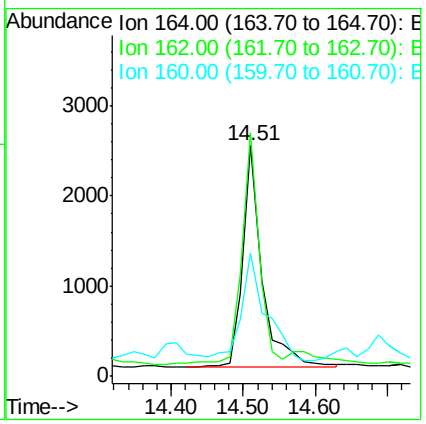


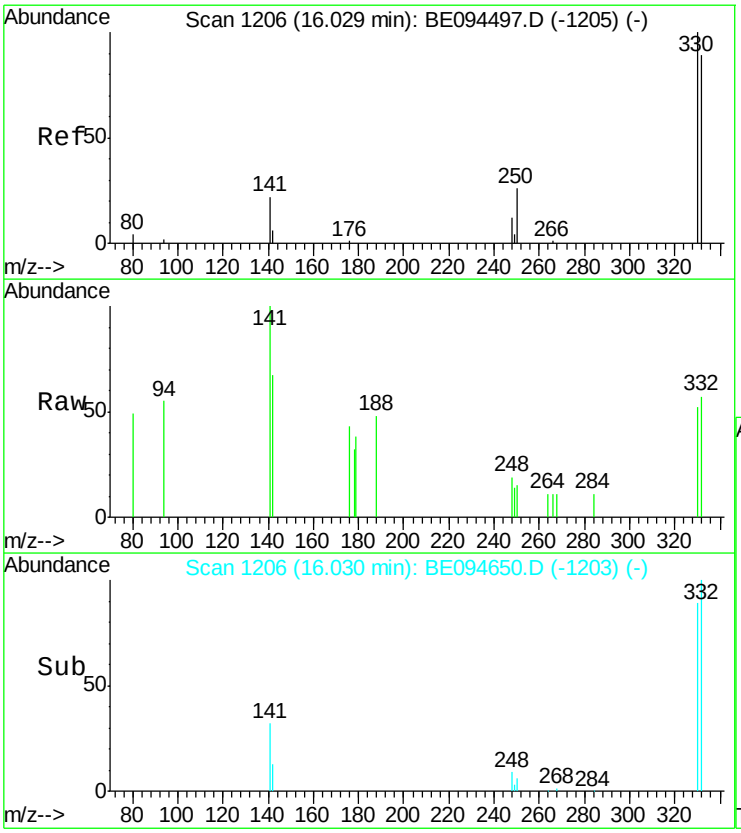
#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.51 min Scan# 1111
Delta R.T. 0.00 min
Lab File: BE094650.D
Acq: 30 Oct 2017 19:29

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:164 Resp: 4605

Ion	Ratio	Lower	Upper
164	100		
162	105.7	83.1	124.7
160	53.3	37.1	55.7

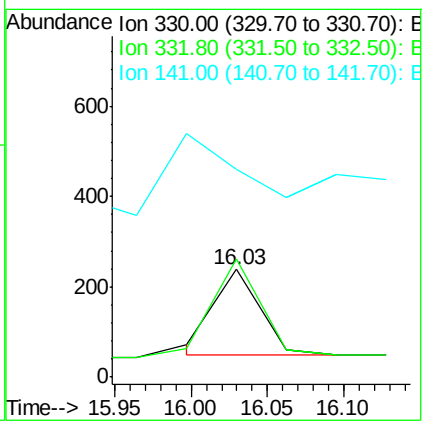


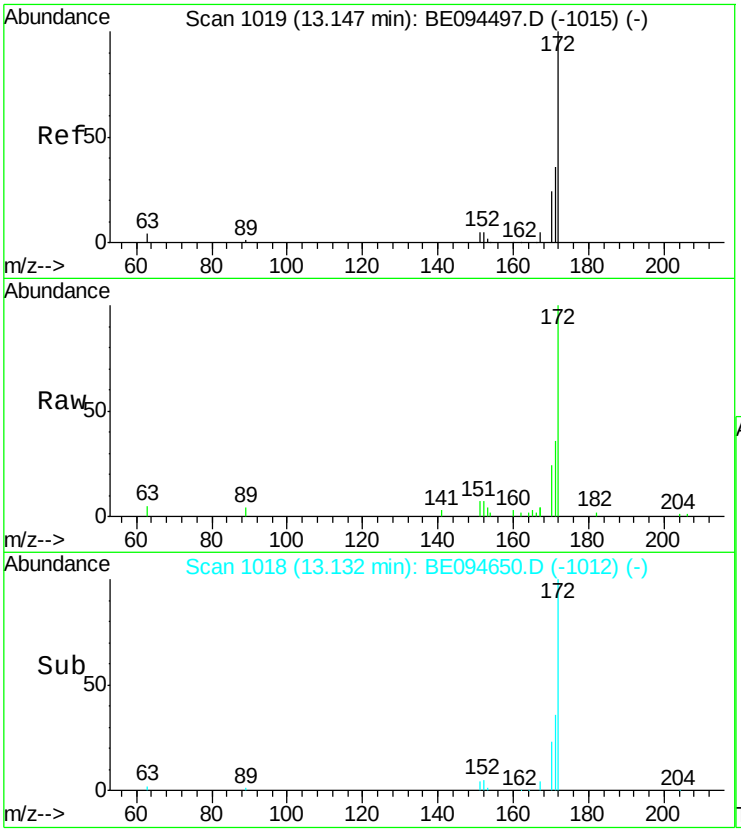


#14
2,4,6-Tribromophenol
Concen: 0.31 ng
RT: 16.03 min Scan# 1206
Delta R.T. 0.00 min
Lab File: BE094650.D
Acq: 30 Oct 2017 19:29

Tgt Ion:330 Resp: 391

Ion	Ratio	Lower	Upper
330	100		
332	111.5	152.7	229.1#
141	0.0	33.7	50.5#



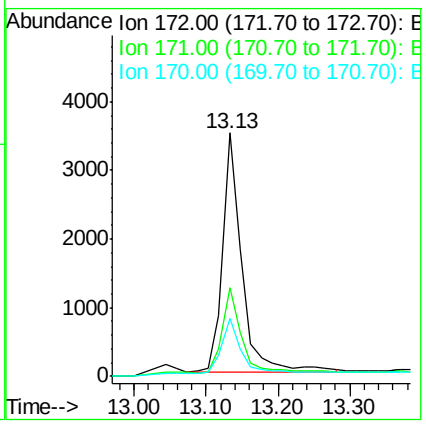


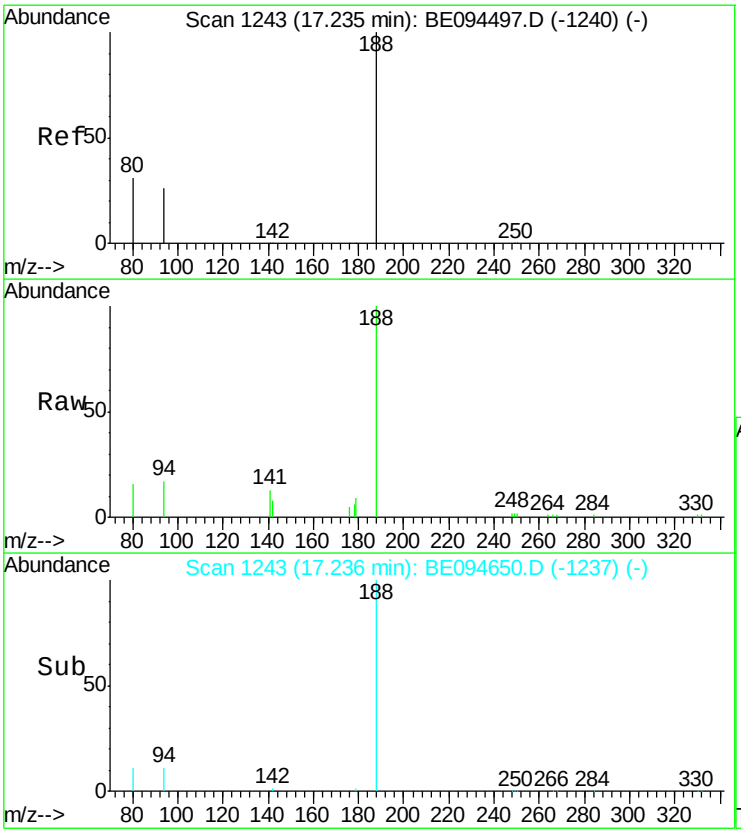
#15
2-Fluorobiphenyl
Concen: 0.40 ng
RT: 13.13 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BE094650.D
Acq: 30 Oct 2017 19:29

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:172 Resp: 6423

Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.9	44.9
170	23.7	21.8	32.8

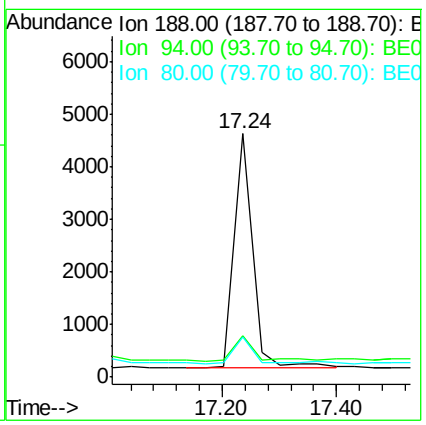


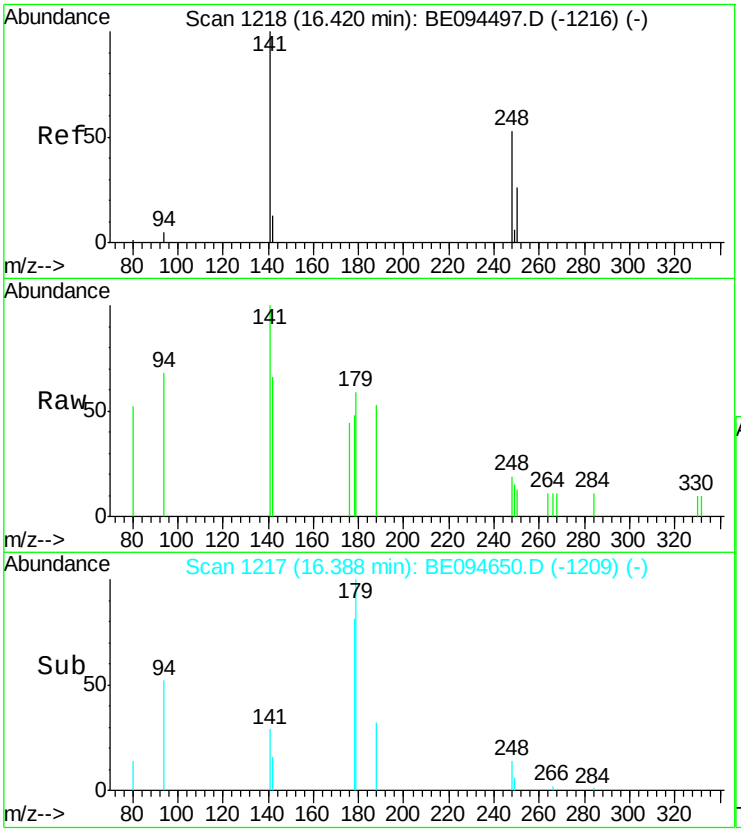


#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.24 min Scan# 1243
Delta R.T. 0.00 min
Lab File: BE094650.D
Acq: 30 Oct 2017 19:29

Tgt Ion:188 Resp: 9806

Ion	Ratio	Lower	Upper
188	100		
94	17.1	3.9	5.9#
80	16.3	3.6	5.4#



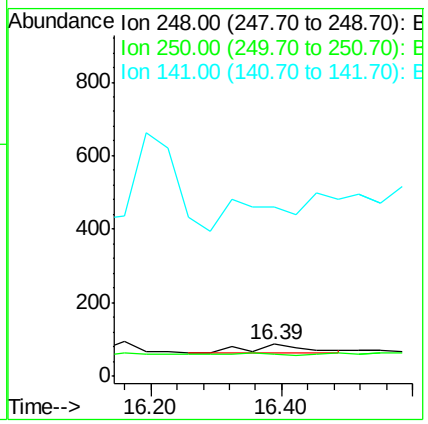


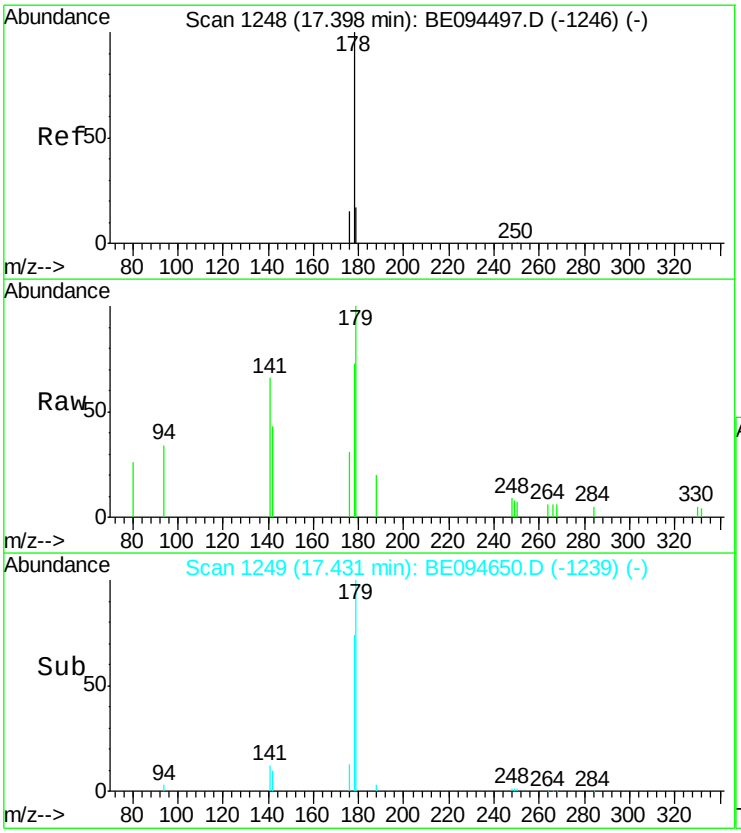
#20
4-Bromophenyl-phenylether
Concen: 0.02 ng
RT: 16.39 min Scan# 1217
Delta R.T. -0.03 min
Lab File: BE094650.D
Acq: 30 Oct 2017 19:29

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:248 Resp: 119

Ion	Ratio	Lower	Upper
248	100		
250	69.0	62.7	94.1
141	531.0	48.2	72.2#

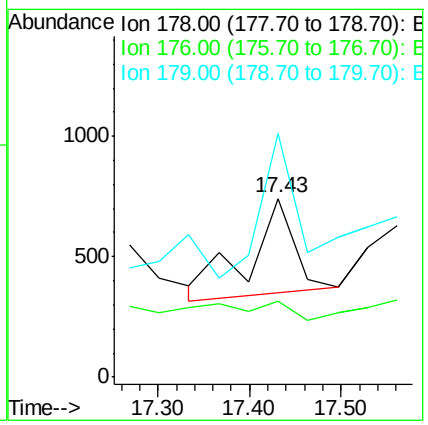


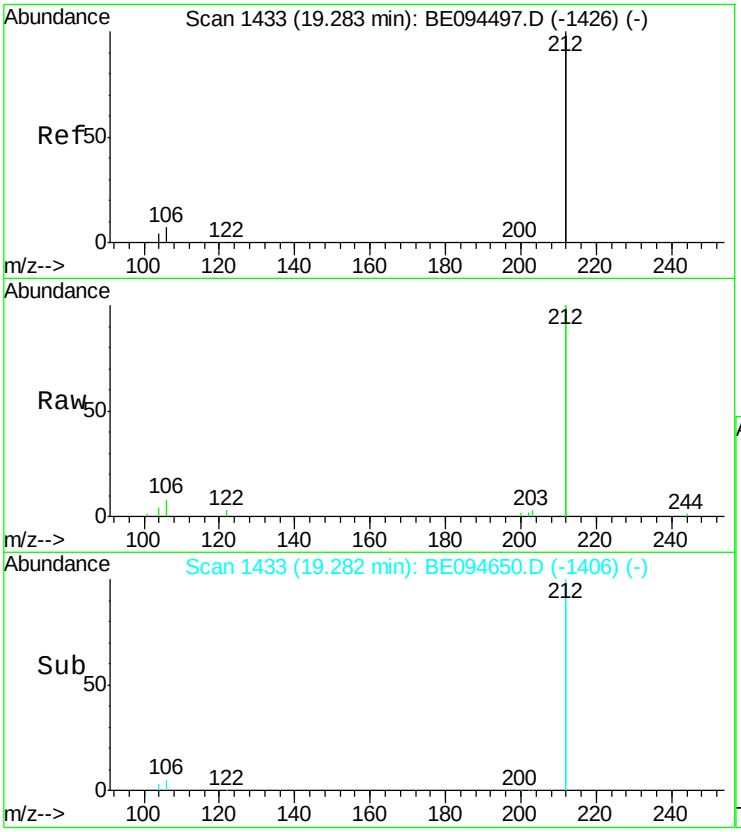


#24
Anthracene
Concen: 0.05 ng
RT: 17.43 min Scan# 1249
Delta R.T. 0.03 min
Lab File: BE094650.D
Acq: 30 Oct 2017 19:29

Tgt Ion:178 Resp: 1389

Ion	Ratio	Lower	Upper
178	100		
176	51.3	12.8	19.2#
179	247.5	13.0	19.6#



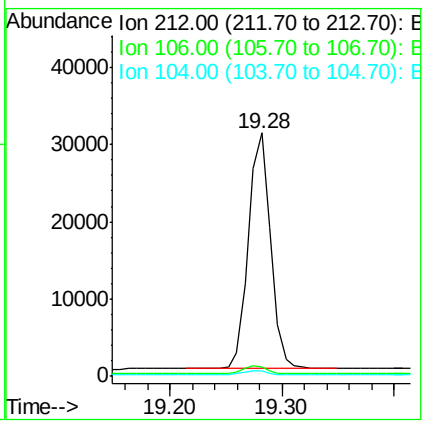


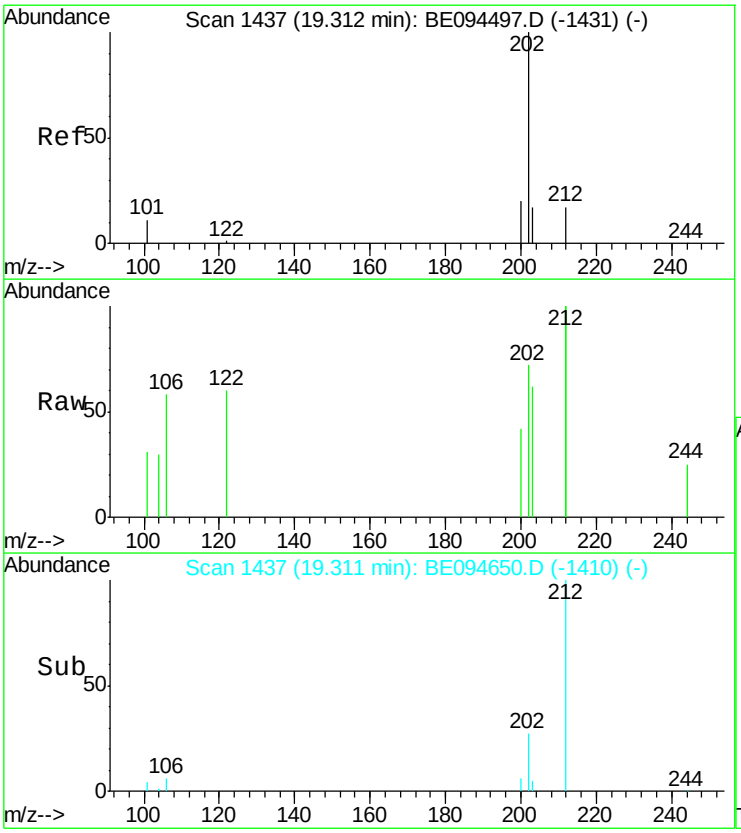
#25
Fluoranthene-d10
Concen: 0.34 ng
RT: 19.28 min Scan# 1433
Delta R.T. -0.00 min
Lab File: BE094650.D
Acq: 30 Oct 2017 19:29

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:212 Resp: 42736

Ion	Ratio	Lower	Upper
212	100		
106	3.6	2.8	4.2
104	2.1	1.6	2.4

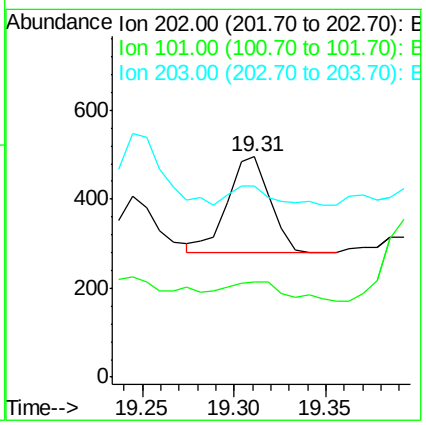


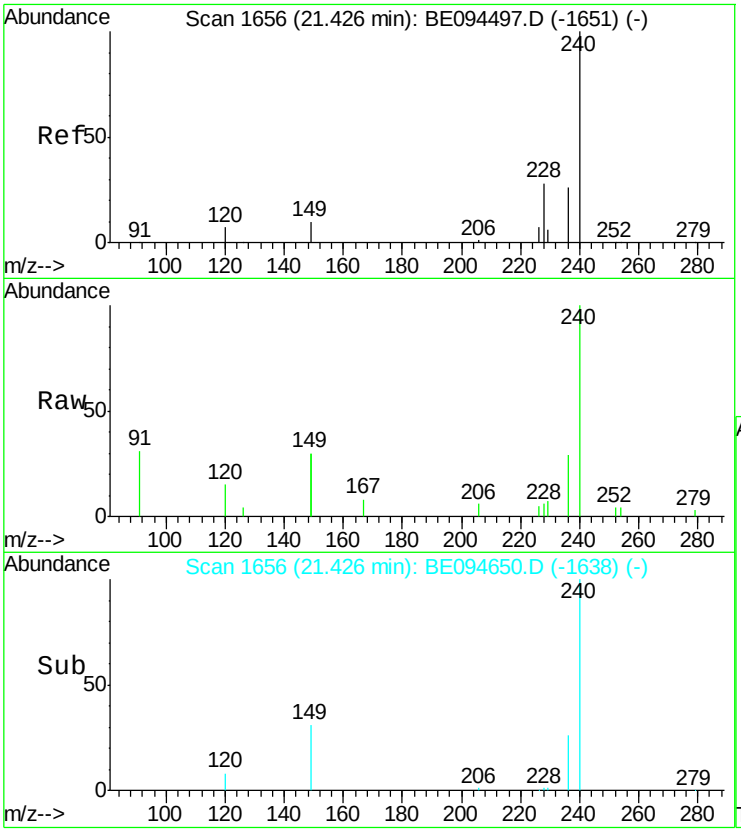


#26
Fluoranthene
Concen: Below Cal
RT: 19.31 min Scan# 1437
Delta R.T. -0.00 min
Lab File: BE094650.D
Acq: 30 Oct 2017 19:29

Tgt Ion:202 Resp: 354

Ion	Ratio	Lower	Upper
202	100		
101	28.0	9.8	14.8#
203	19.2	13.7	20.5



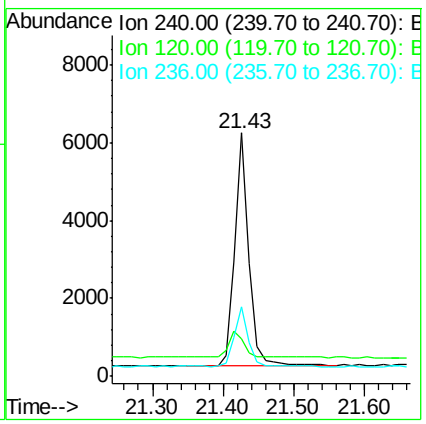


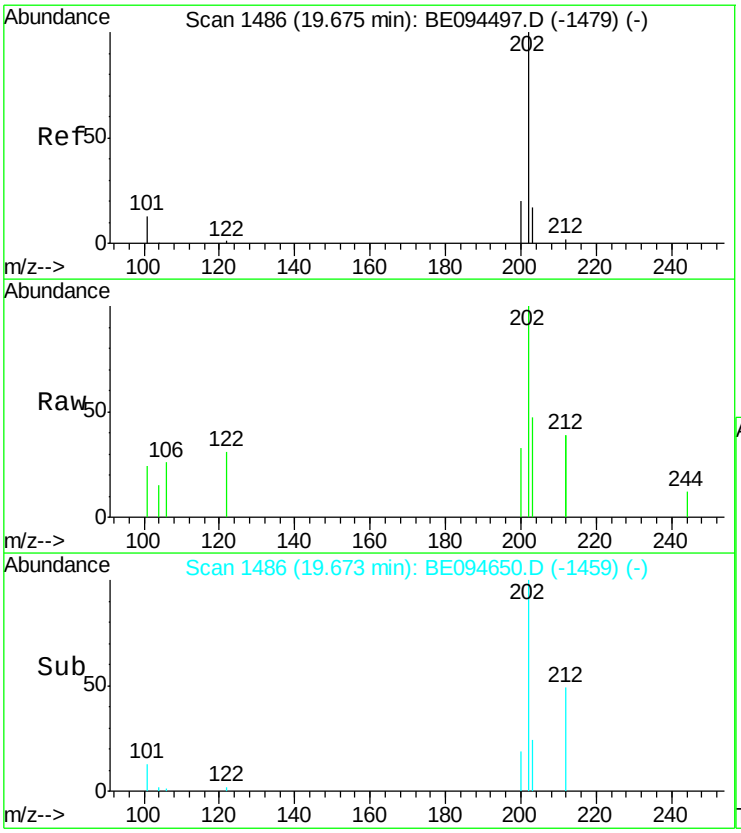
#27
Chrysene-d12
Concen: 0.40 ng
RT: 21.43 min Scan# 1656
Delta R.T. 0.00 min
Lab File: BE094650.D
Acq: 30 Oct 2017 19:29

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:240 Resp: 8310

Ion	Ratio	Lower	Upper
240	100		
120	15.3	5.5	8.3#
236	28.8	20.7	31.1

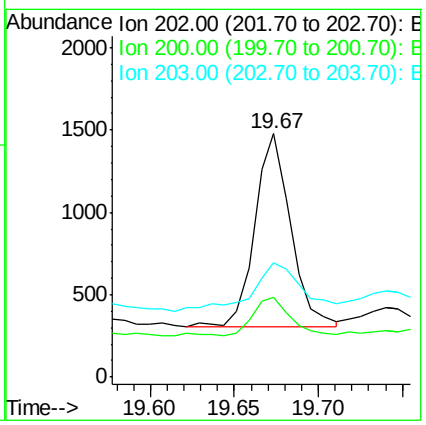


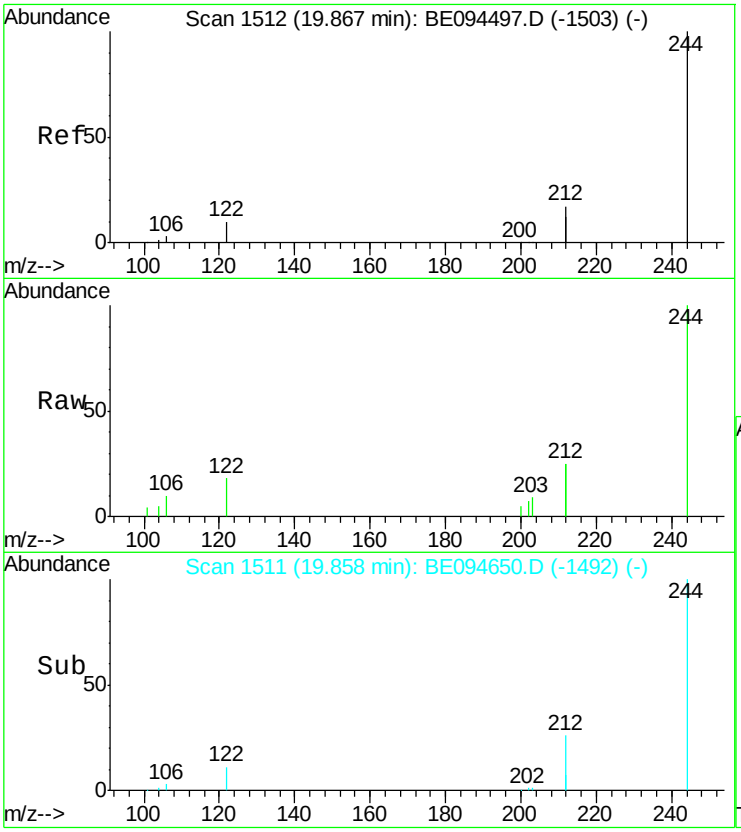


#28
Pyrene
Concen: 0.06 ng
RT: 19.67 min Scan# 1486
Delta R.T. -0.00 min
Lab File: BE094650.D
Acq: 30 Oct 2017 19:29

Tgt Ion:202 Resp: 1740

Ion	Ratio	Lower	Upper
202	100		
200	20.1	16.6	25.0
203	35.1	13.8	20.8#



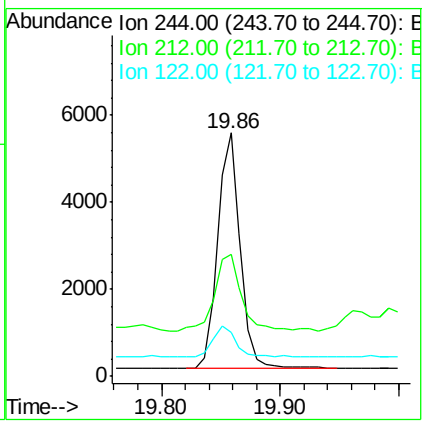


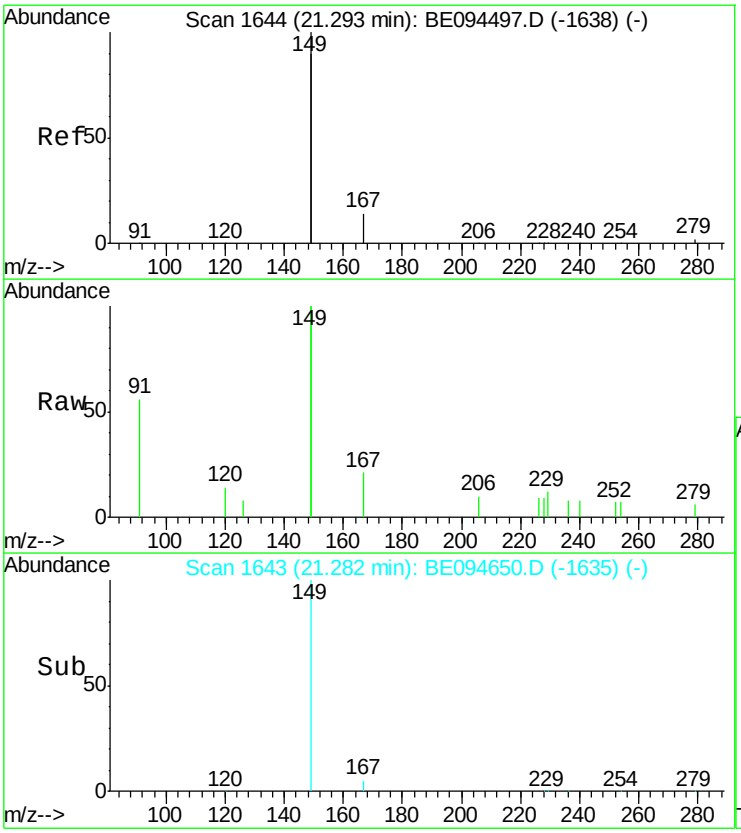
#29
Terphenyl-d14
Concen: 0.46 ng
RT: 19.86 min Scan# 1511
Delta R.T. -0.01 min
Lab File: BE094650.D
Acq: 30 Oct 2017 19:29

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:244 Resp: 7217

Ion	Ratio	Lower	Upper
244	100		
212	50.3	25.4	38.0#
122	18.2	8.1	12.1#

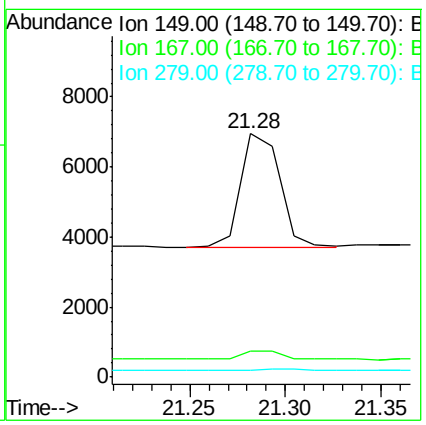


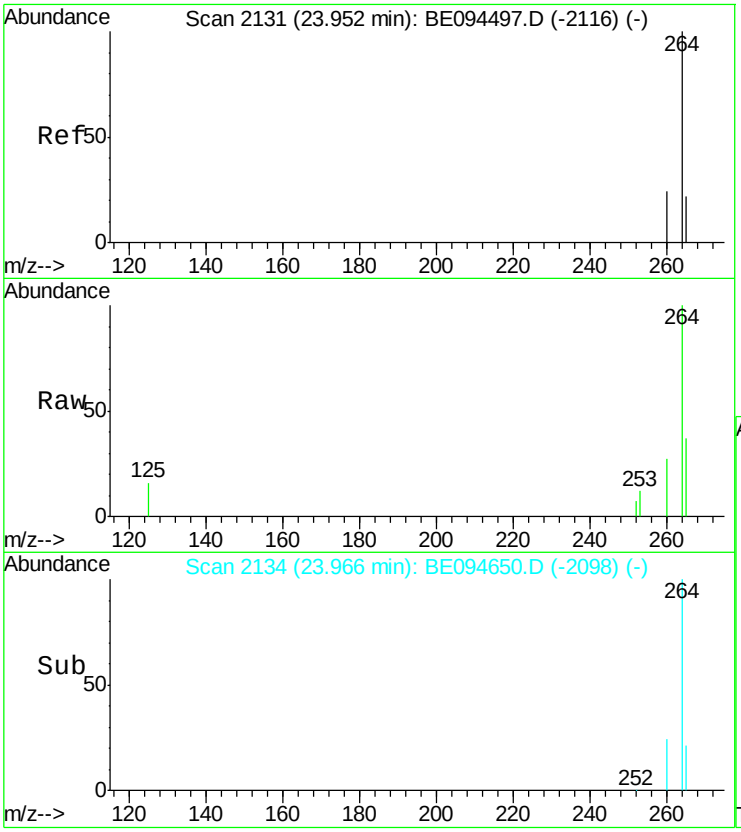


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.07 ng
RT: 21.28 min Scan# 1643
Delta R.T. -0.01 min
Lab File: BE094650.D
Acq: 30 Oct 2017 19:29

Tgt Ion:149 Resp: 4623

Ion	Ratio	Lower	Upper
149	100		
167	8.8	5.4	8.0#
279	1.6	0.7	1.1#





#34
Perylene-d12
Concen: 0.40 ng
RT: 23.97 min Scan# 2134
Delta R.T. 0.01 min
Lab File: BE094650.D
Acq: 30 Oct 2017 19:29

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:264 Resp: 7858

Ion	Ratio	Lower	Upper
264	100		
260	27.2	20.5	30.7
265	37.0	22.8	34.2#