Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE103017\
Data File : BE094652.D
Acq On : 30 Oct 2017 20:41
Operator : SJ/JU
Sample : I6036-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Oct 31 01:16:52 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	7.90	152	1207	0.40	ng		0.00
7) Naphthalene-d8	10.69	136	8049	0.40	ng		-0.02
13) Acenaphthene-d10	14.51	164	7868	0.40	ng		0.00
19) Phenanthrene-d10	17.24	188	10307	0.40	ng		0.00
27) Chrysene-d12	21.43	240	8782	0.40	ng		0.00
34) Perylene-d12	23.96	264	8330	0.40	ng		0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.54	112	928	0.22	ng		0.01
5) Phenol-d6	7.12	99	1091	0.17	ng		-0.01
8) Nitrobenzene-d5	9.06	82	2222	0.35	ng		-0.02
11) 2-Methylnaphthalene-d10	12.27	152	4613	0.36	ng		-0.02
14) 2,4,6-Tribromophenol	16.03	330	350	0.16	ng		0.00
15) 2-Fluorobiphenyl	13.13	172	6331	0.23	ng		-0.01
25) Fluoranthene-d10	19.28	212	43456	0.33	ng		0.00
29) Terphenyl-d14	19.86	244	7460	0.45	ng		0.00
Target Compounds							Qvalue
3) n-Nitrosodimethylamine	3.78	42	174	0.09	ng	#	1
9) Naphthalene	10.72	128	31378	0.34	ng	#	69
16) Acenaphthylene	14.23	152	4154	0.10	ng	#	5
17) Acenaphthene	14.57	154	14448	0.54	ng	#	80
18) Fluorene	15.56	166	31258	0.91	ng	#	74
23) Phenanthrene	17.27	178	15197	0.58	ng	#	80
24) Anthracene	17.43	178	5146	0.17	ng	#	1
26) Fluoranthene	19.31	202	1203	Below Cal		#	92
28) Pyrene	19.67	202	4424	0.14	ng	#	86
32) Bis(2-ethylhexyl)phthalate	21.28	149	7073	0.10	ng		98

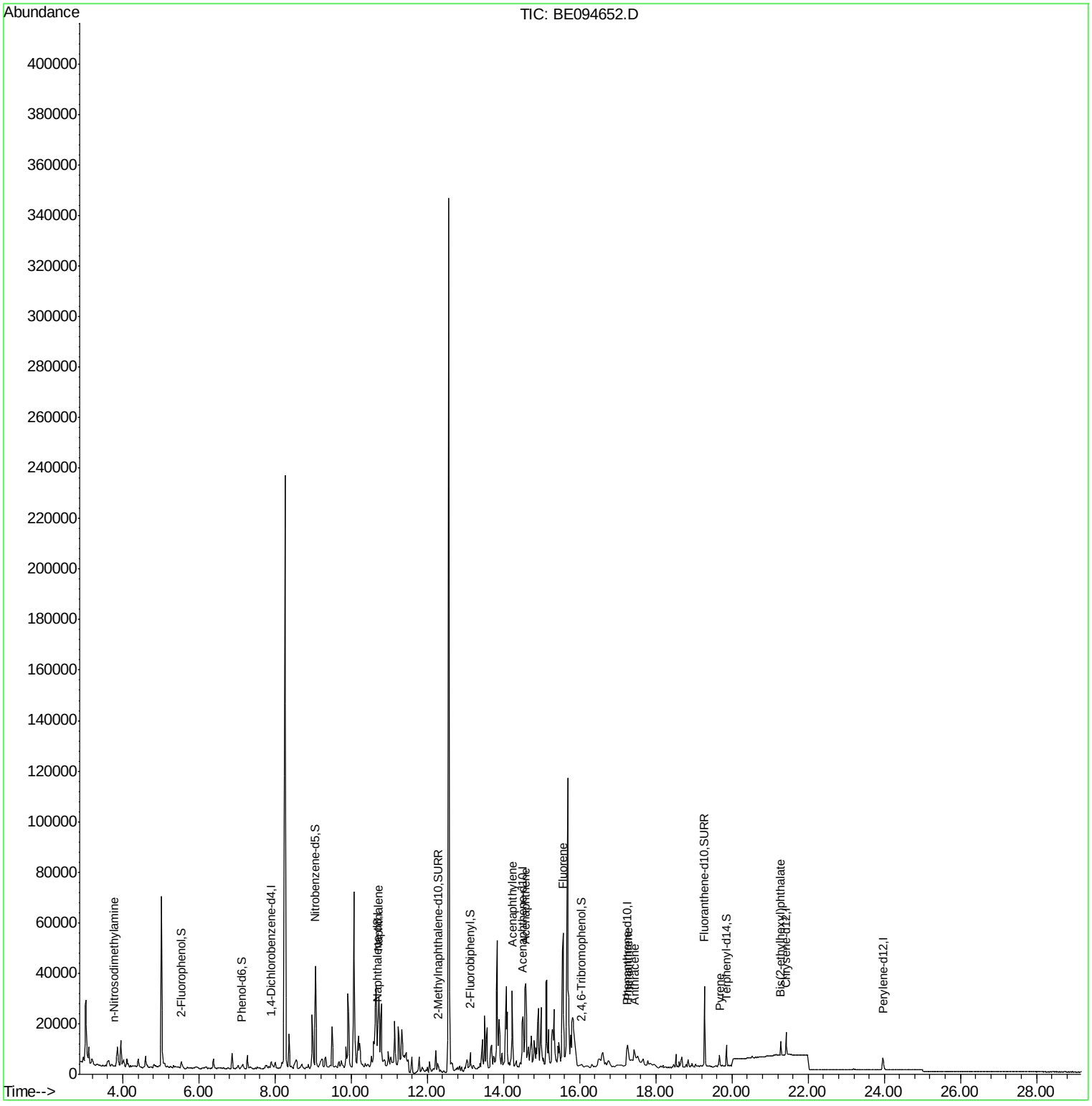
(#) = qualifier out of range (m) = manual integration (+) = signals summed

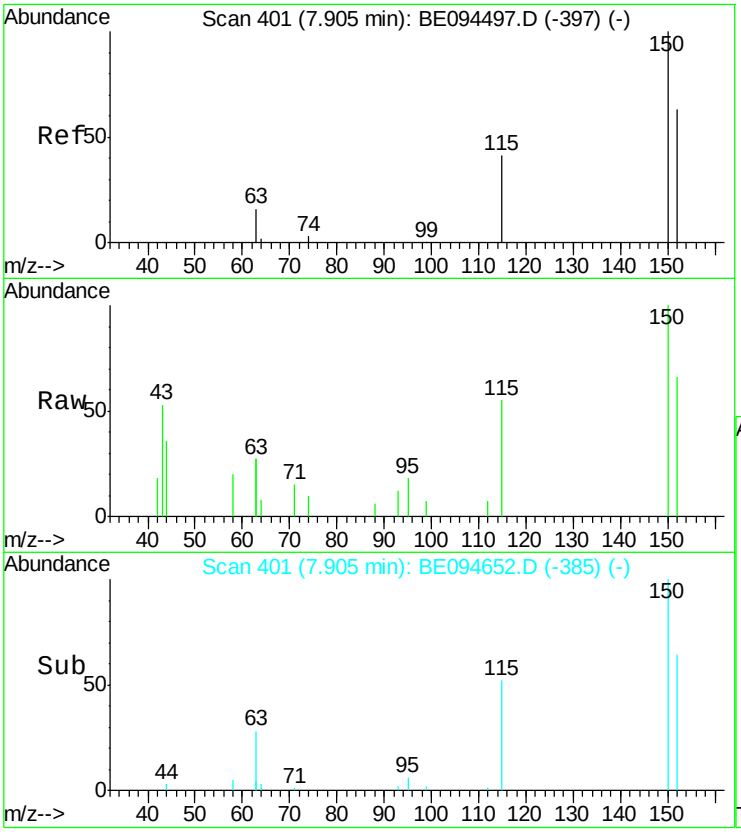
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE103017\
Data File : BE094652.D
Acq On : 30 Oct 2017 20:41
Operator : SJ/JU
Sample : I6036-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Oct 31 01:16:52 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



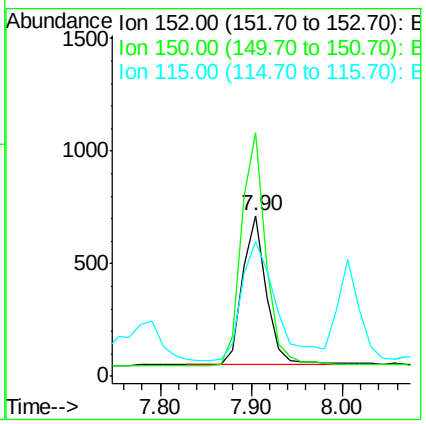


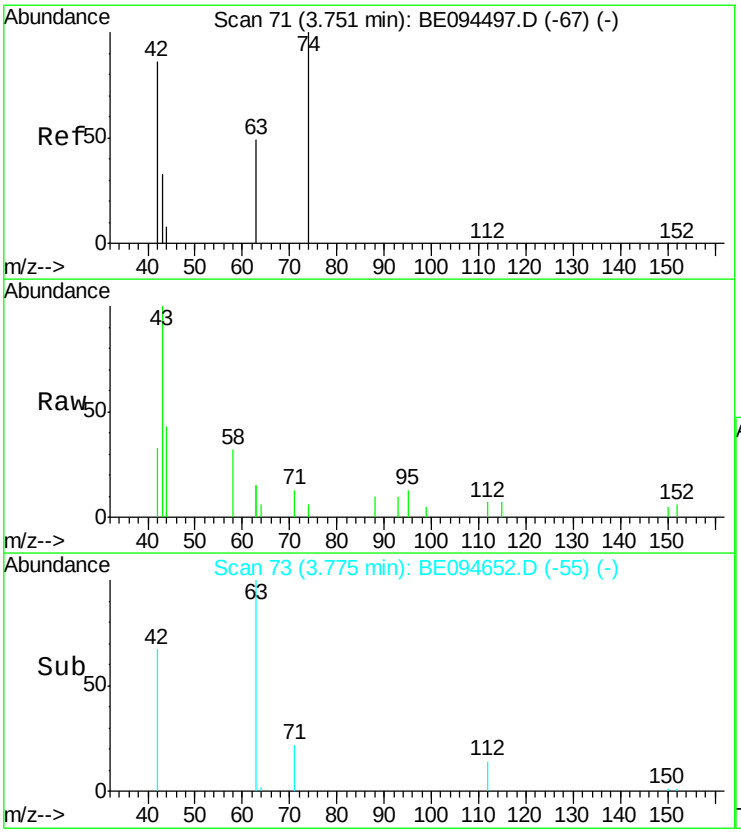
#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.90 min Scan# 401
Delta R.T. -0.00 min
Lab File: BE094652.D
Acq: 30 Oct 2017 20:41

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 1207

Ion	Ratio	Lower	Upper
152	100		
150	151.6	117.2	175.8
115	83.7	57.0	85.6

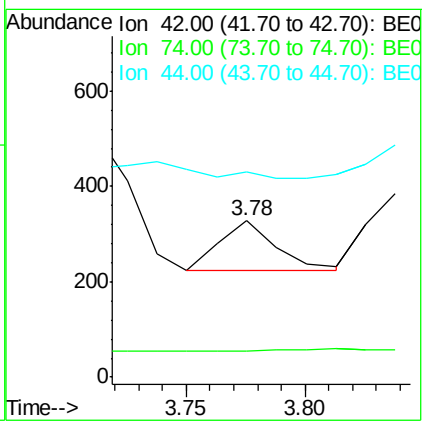


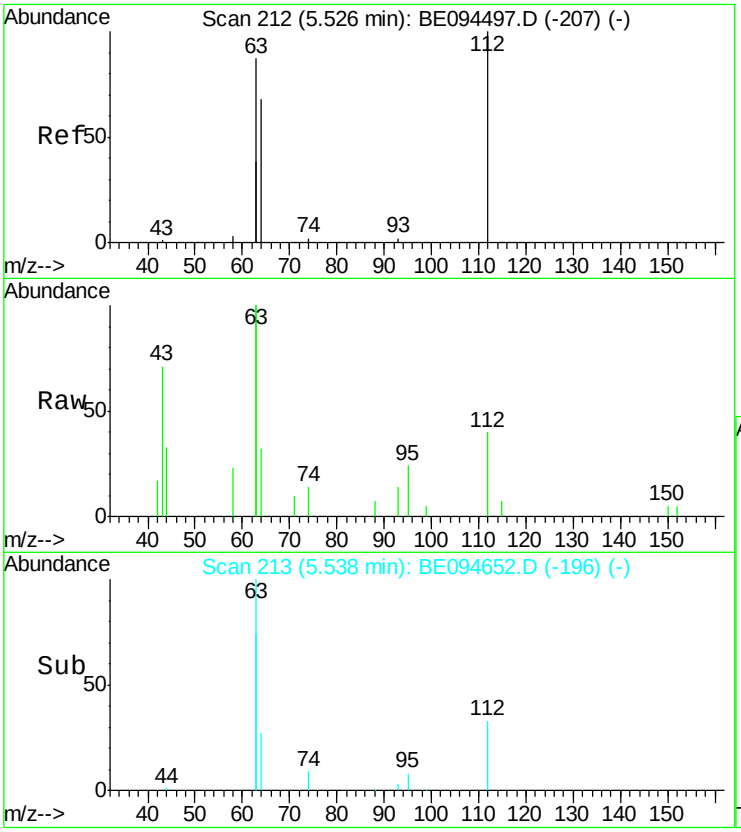


#3
n-Nitrosodimethylamine
Concen: 0.09 ng
RT: 3.78 min Scan# 73
Delta R.T. 0.02 min
Lab File: BE094652.D
Acq: 30 Oct 2017 20:41

Tgt Ion: 42 Resp: 174

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



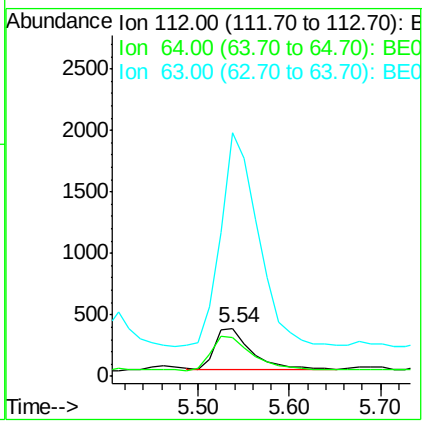


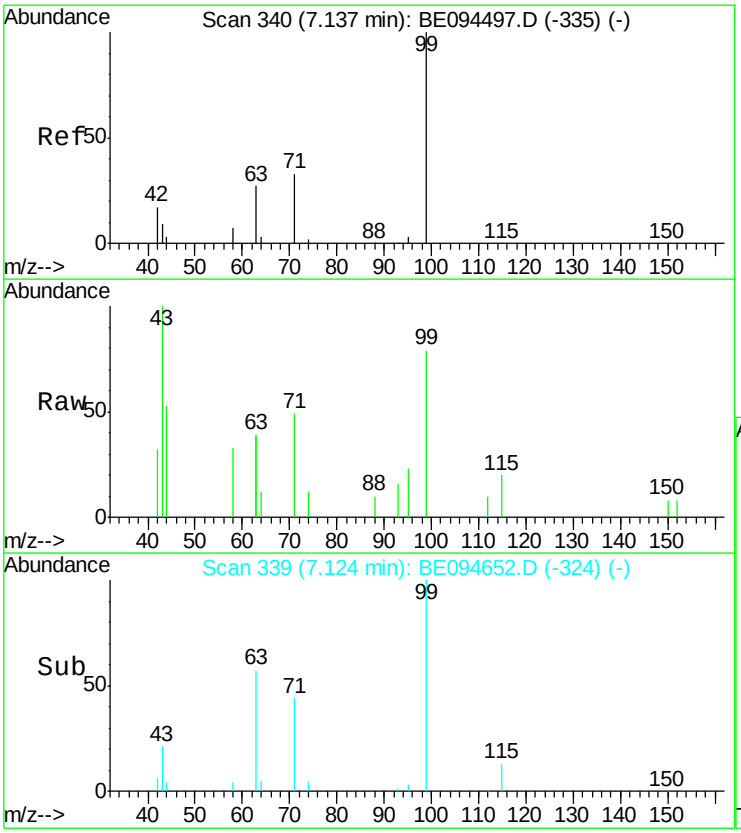
#4
2-Fluorophenol
Concen: 0.22 ng
RT: 5.54 min Scan# 213
Delta R.T. 0.01 min
Lab File: BE094652.D
Acq: 30 Oct 2017 20:41

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:112 Resp: 928

Ion	Ratio	Lower	Upper
112	100		
64	94.7	60.1	90.1#
63	531.0	116.8	175.2#

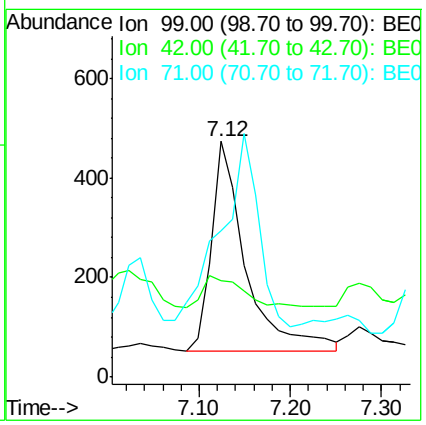


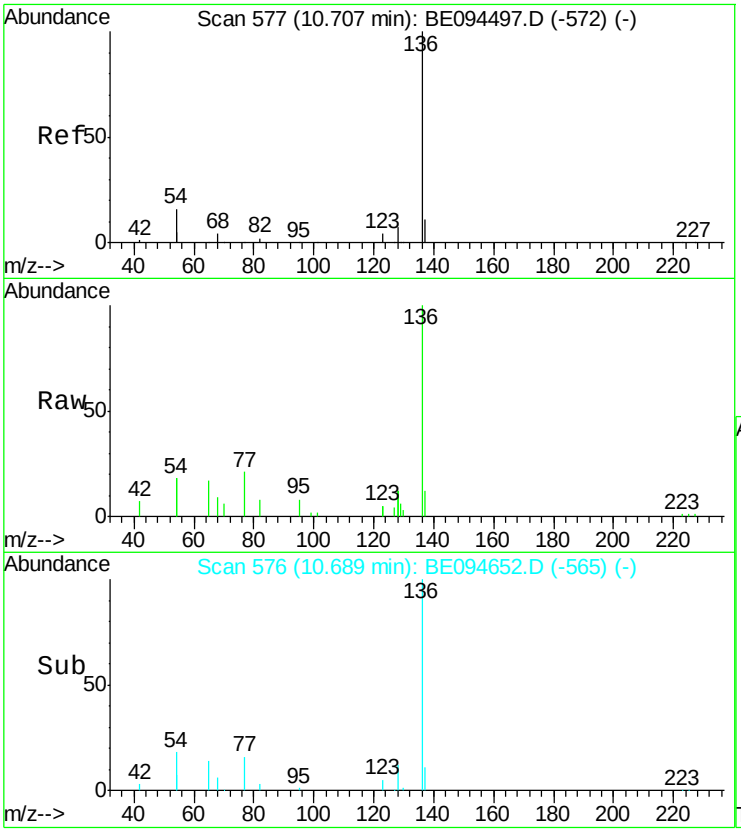


#5
Phenol-d6
Concen: 0.17 ng
RT: 7.12 min Scan# 339
Delta R.T. -0.01 min
Lab File: BE094652.D
Acq: 30 Oct 2017 20:41

Tgt Ion: 99 Resp: 1091

Ion	Ratio	Lower	Upper
99	100		
42	18.2	20.2	30.2#
71	0.0	28.4	42.6#



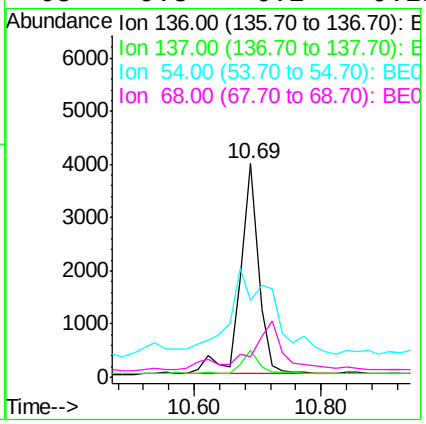


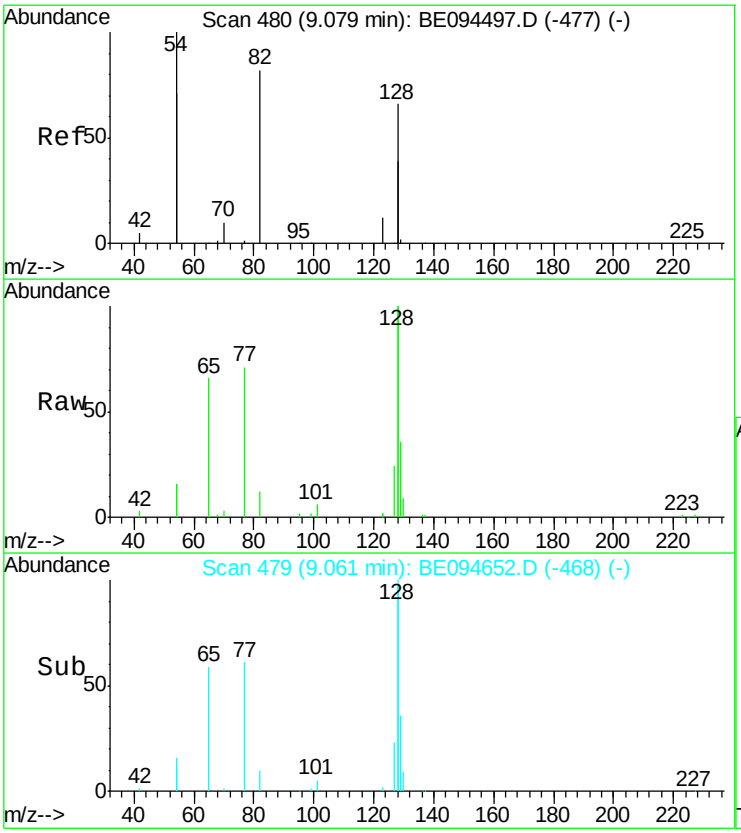
#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.69 min Scan# 576
Delta R.T. -0.02 min
Lab File: BE094652.D
Acq: 30 Oct 2017 20:41

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:136 Resp: 8049

Ion	Ratio	Lower	Upper
136	100		
137	12.3	9.5	14.3
54	36.0	29.1	43.7
68	9.3	6.2	9.2#

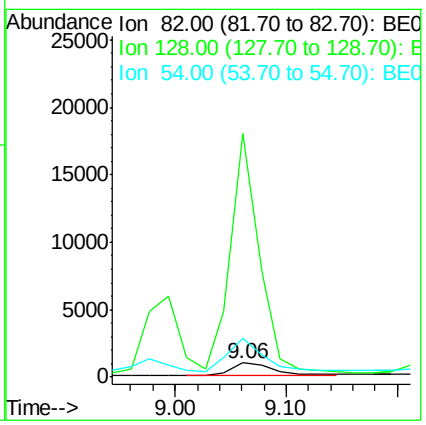


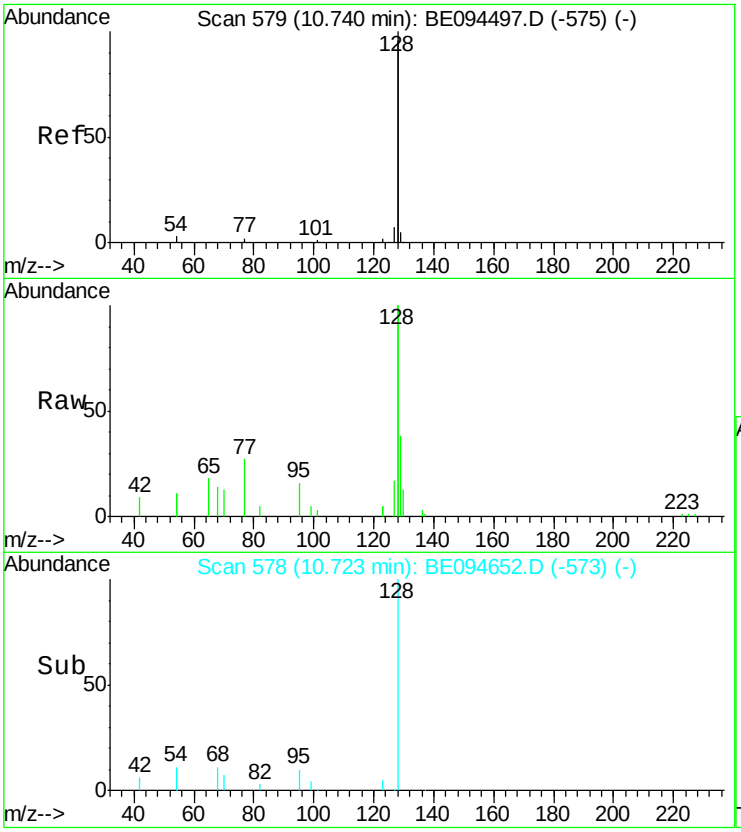


#8
Nitrobenzene-d5
Concen: 0.35 ng
RT: 9.06 min Scan# 479
Delta R.T. -0.02 min
Lab File: BE094652.D
Acq: 30 Oct 2017 20:41

Tgt Ion: 82 Resp: 2222

Ion	Ratio	Lower	Upper
82	100		
128	1730.4	150.0	225.0#
54	276.5	154.2	231.4#



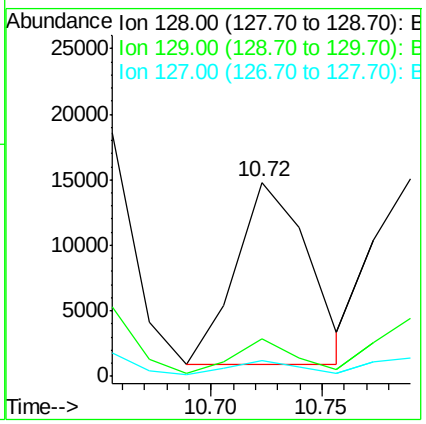


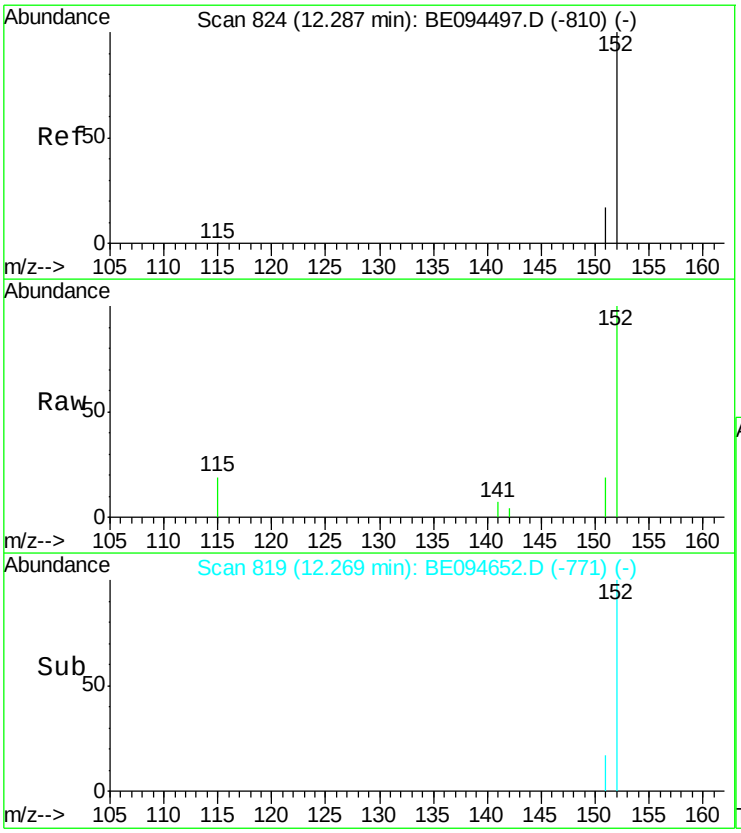
#9
Naphthalene
Concen: 0.34 ng
RT: 10.72 min Scan# 578
Delta R.T. -0.02 min
Lab File: BE094652.D
Acq: 30 Oct 2017 20:41

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:128 Resp: 31378

Ion	Ratio	Lower	Upper
128	100		
129	19.2	2.6	3.8#
127	8.4	2.8	4.2#

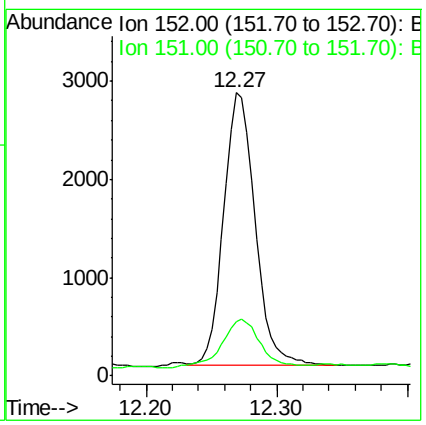


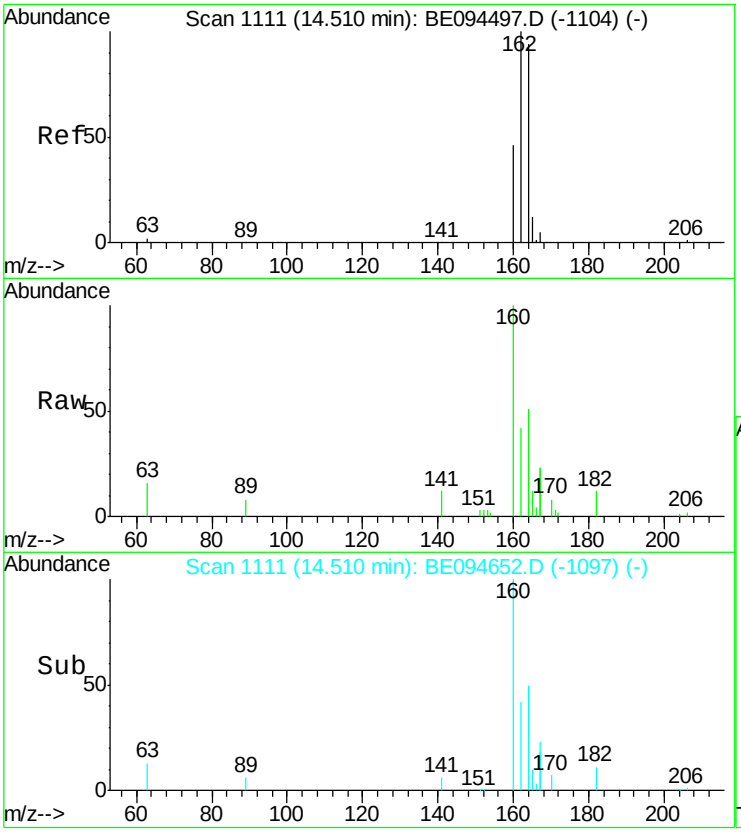


#11
2-Methylnaphthalene-d10
Concen: 0.36 ng
RT: 12.27 min Scan# 819
Delta R.T. -0.02 min
Lab File: BE094652.D
Acq: 30 Oct 2017 20:41

Tgt Ion:152 Resp: 4613

Ion	Ratio	Lower	Upper
152	100		
151	22.1	15.4	23.0



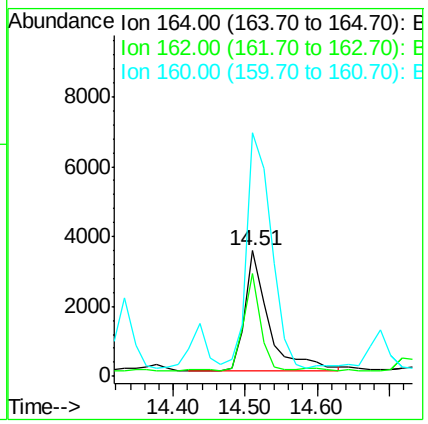


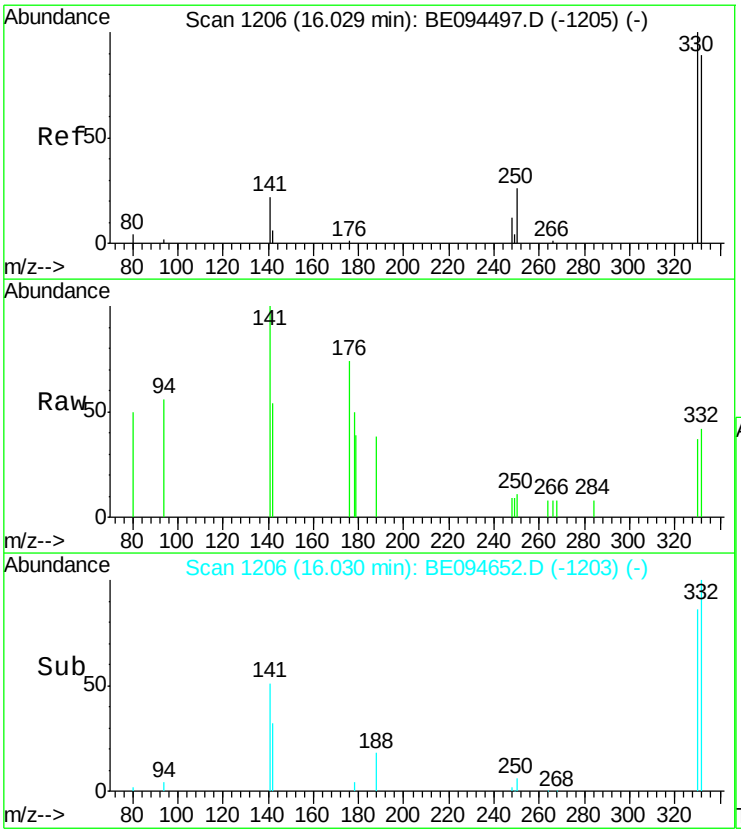
#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.51 min Scan# 1111
Delta R.T. 0.00 min
Lab File: BE094652.D
Acq: 30 Oct 2017 20:41

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:164 Resp: 7868

Ion	Ratio	Lower	Upper
164	100		
162	82.3	83.1	124.7#
160	194.4	37.1	55.7#

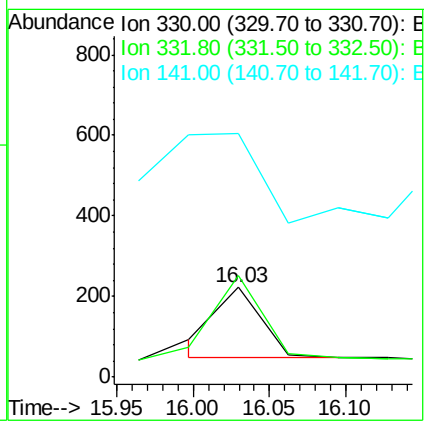


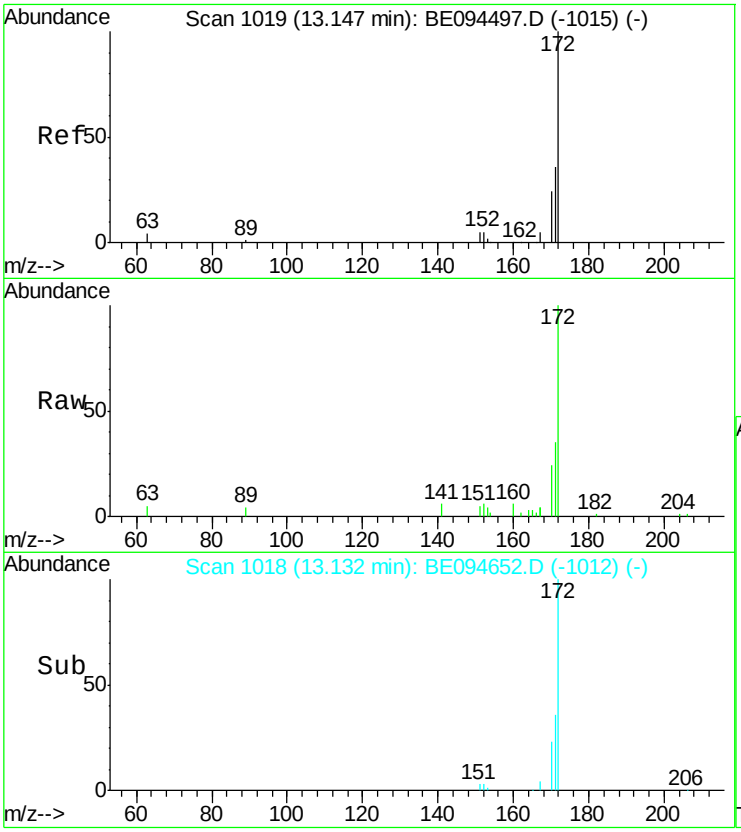


#14
2,4,6-Tribromophenol
Concen: 0.16 ng
RT: 16.03 min Scan# 1206
Delta R.T. 0.00 min
Lab File: BE094652.D
Acq: 30 Oct 2017 20:41

Tgt Ion:330 Resp: 350

Ion	Ratio	Lower	Upper
330	100		
332	118.0	152.7	229.1#
141	0.0	33.7	50.5#



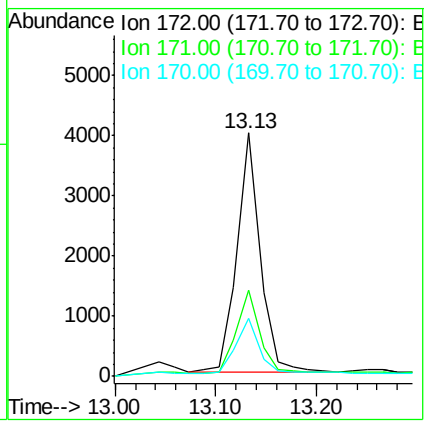


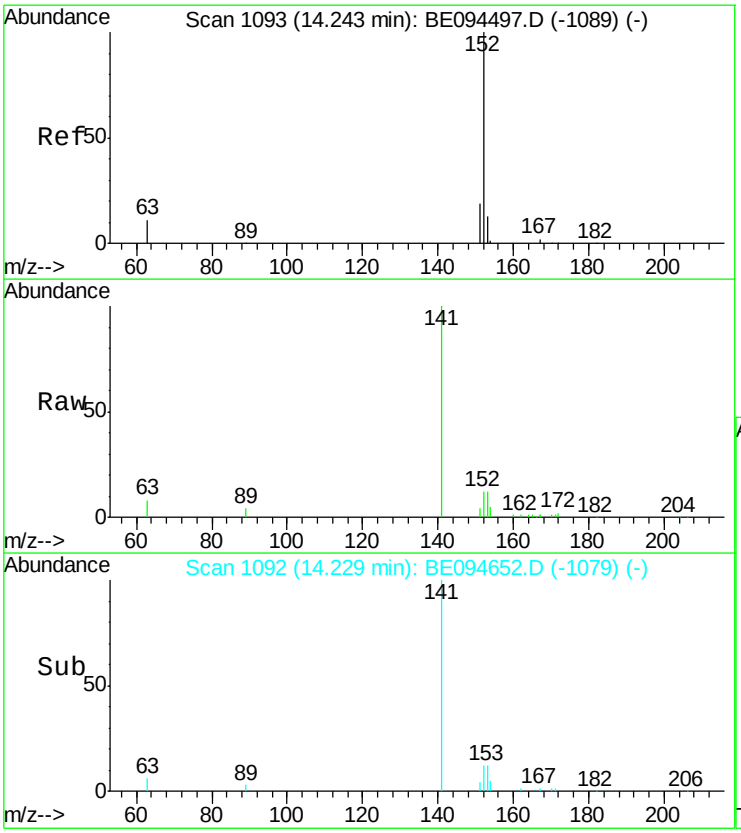
#15
2-Fluorobiphenyl
Concen: 0.23 ng
RT: 13.13 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BE094652.D
Acq: 30 Oct 2017 20:41

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:172 Resp: 6331

Ion	Ratio	Lower	Upper
172	100		
171	35.4	29.9	44.9
170	23.6	21.8	32.8

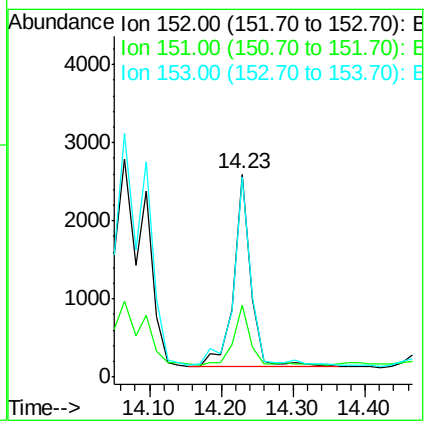


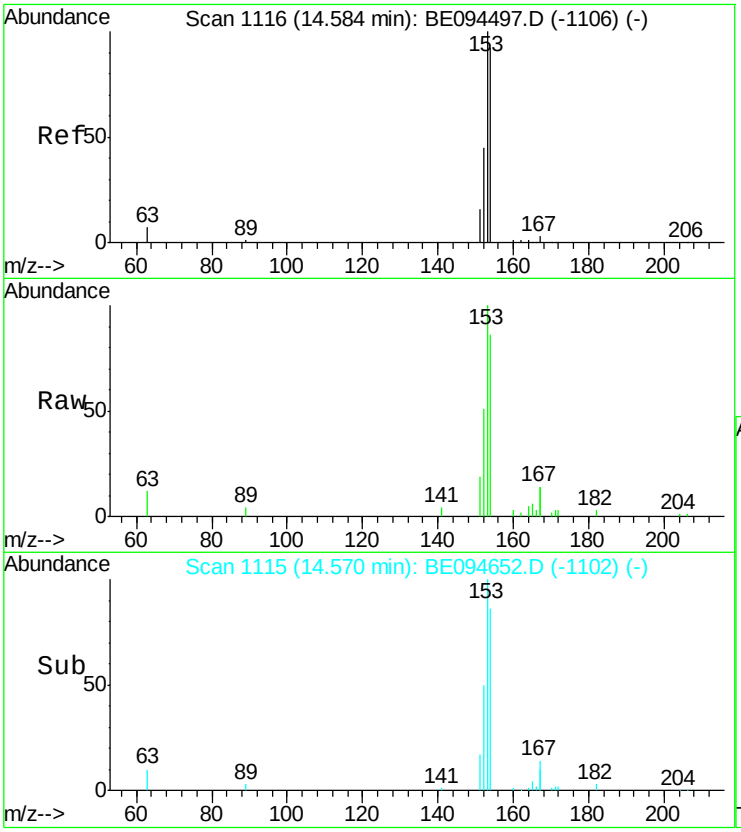


#16
Acenaphthylene
Concen: 0.10 ng
RT: 14.23 min Scan# 1092
Delta R.T. -0.01 min
Lab File: BE094652.D
Acq: 30 Oct 2017 20:41

Tgt Ion:152 Resp: 4154

Ion	Ratio	Lower	Upper
152	100		
151	29.0	15.7	23.5#
153	95.4	10.5	15.7#



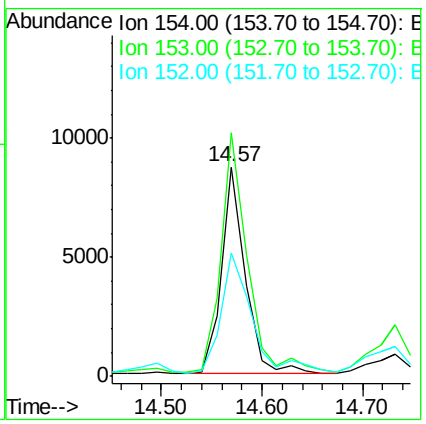


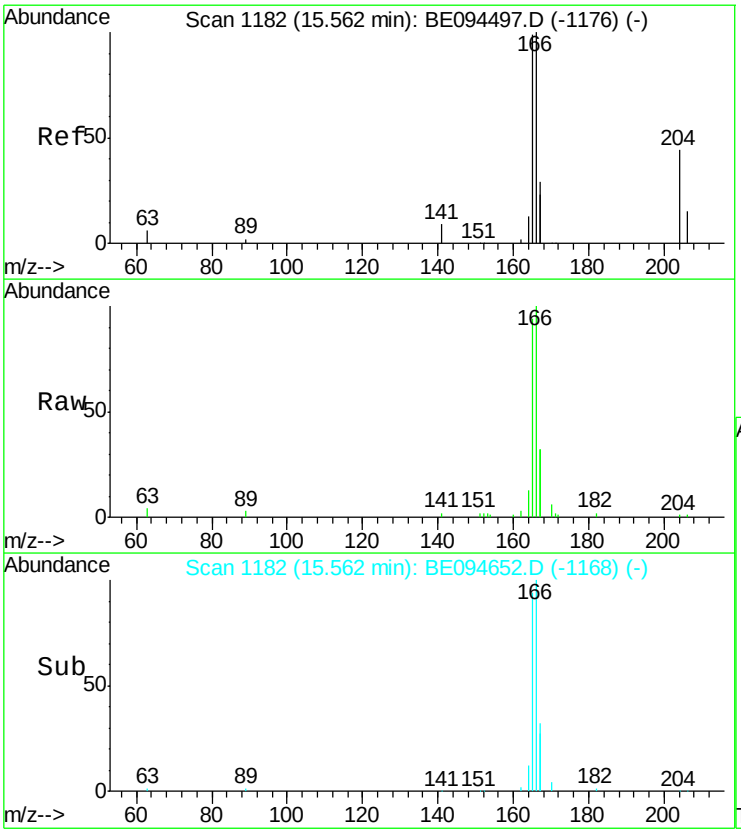
#17
Acenaphthene
Concen: 0.54 ng
RT: 14.57 min Scan# 1115
Delta R.T. -0.01 min
Lab File: BE094652.D
Acq: 30 Oct 2017 20:41

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:154 Resp: 14448

Ion	Ratio	Lower	Upper
154	100		
153	126.9	89.2	133.8
152	74.2	42.0	63.0#

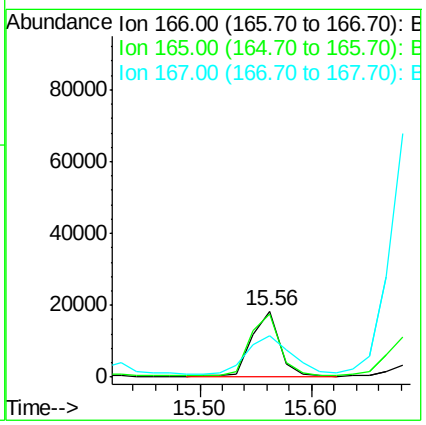


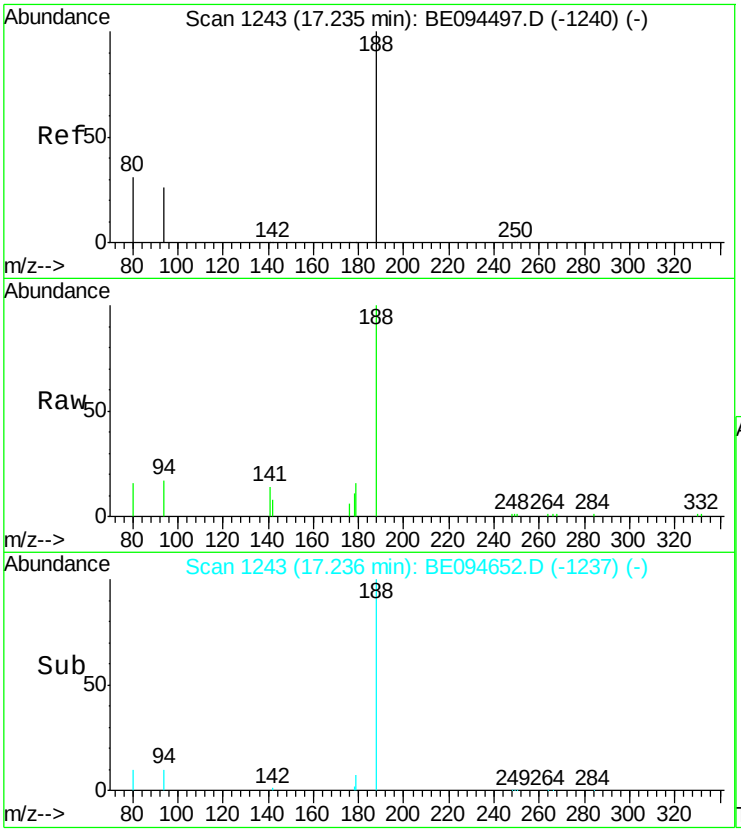


#18
Fluorene
Concen: 0.91 ng
RT: 15.56 min Scan# 1182
Delta R.T. 0.00 min
Lab File: BE094652.D
Acq: 30 Oct 2017 20:41

Tgt Ion:166 Resp: 31258

Ion	Ratio	Lower	Upper
166	100		
165	103.3	77.8	116.6
167	96.4	42.4	63.6#



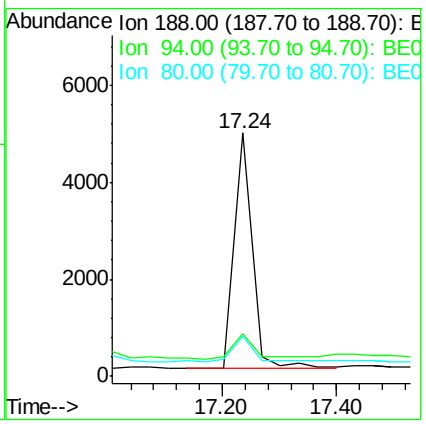


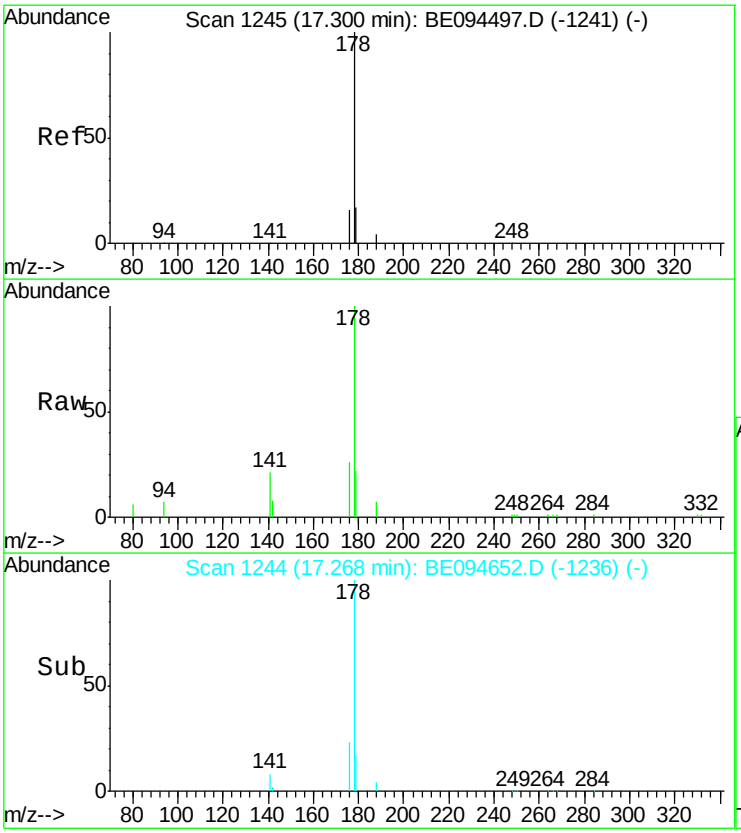
#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.24 min Scan# 1243
Delta R.T. 0.00 min
Lab File: BE094652.D
Acq: 30 Oct 2017 20:41

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:188 Resp: 10307

Ion	Ratio	Lower	Upper
188	100		
94	17.3	3.9	5.9#
80	16.4	3.6	5.4#

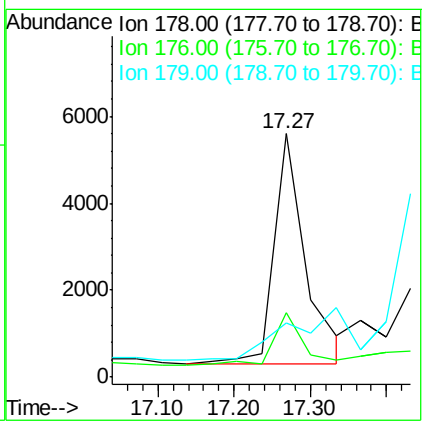


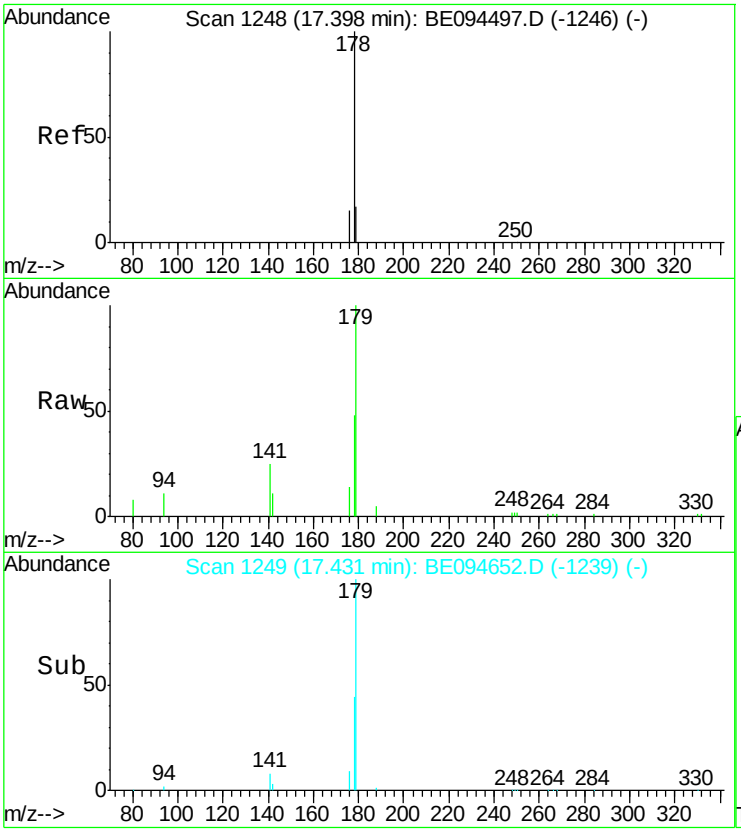


#23
Phenanthrene
Concen: 0.58 ng
RT: 17.27 min Scan# 1244
Delta R.T. -0.03 min
Lab File: BE094652.D
Acq: 30 Oct 2017 20:41

Tgt Ion:178 Resp: 15197

Ion	Ratio	Lower	Upper
178	100		
176	22.5	15.1	22.7
179	0.0	11.8	17.6#



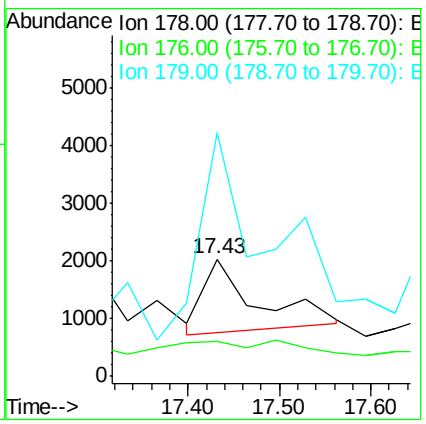


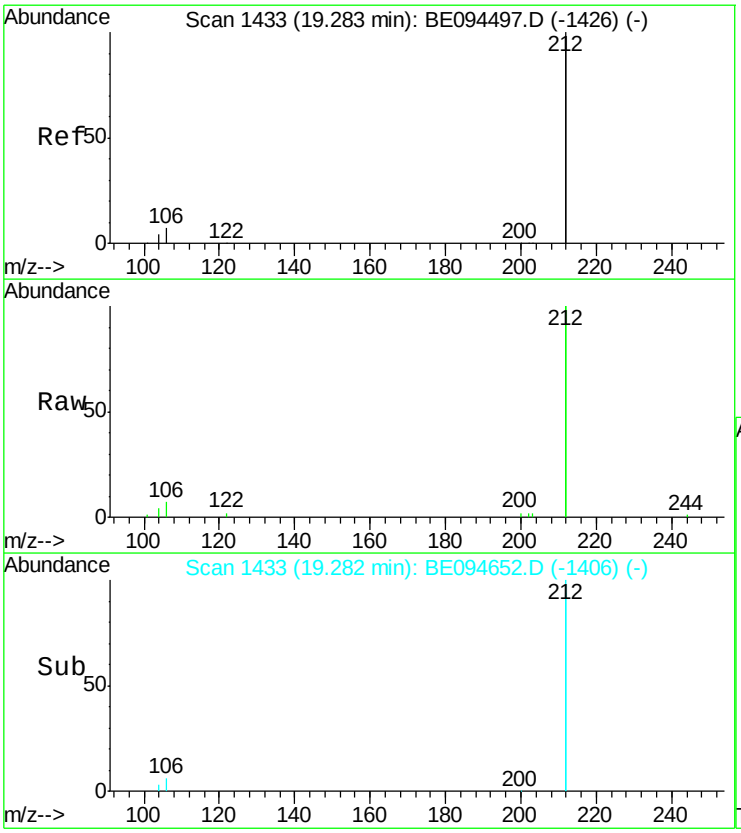
#24
Anthracene
Concen: 0.17 ng
RT: 17.43 min Scan# 1249
Delta R.T. 0.03 min
Lab File: BE094652.D
Acq: 30 Oct 2017 20:41

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 5146

Ion	Ratio	Lower	Upper
178	100		
176	0.0	12.8	19.2#
179	553.8	13.0	19.6#

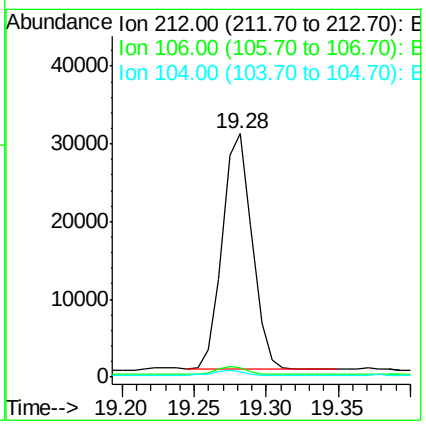


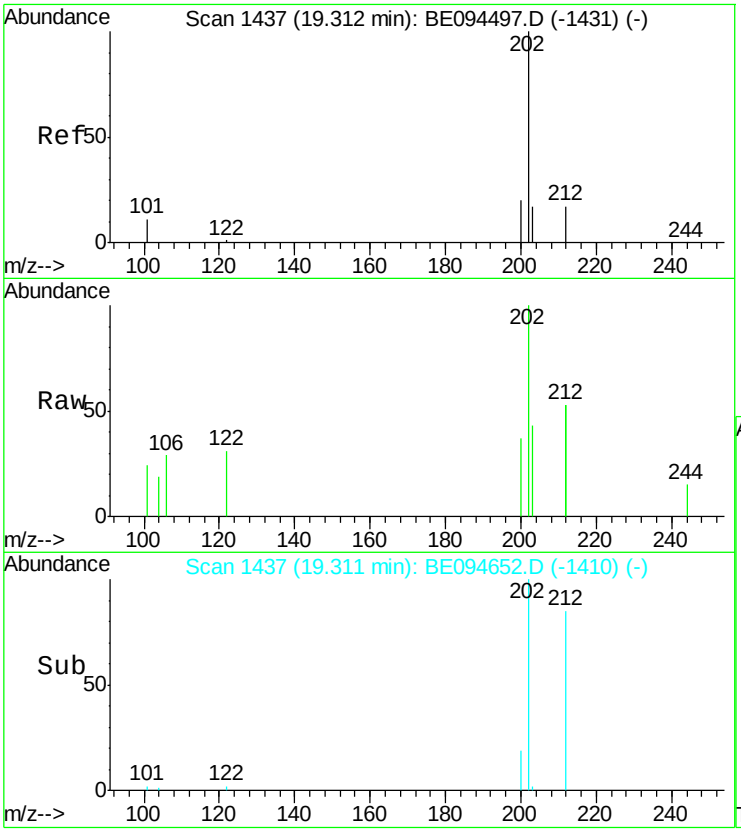


#25
Fluoranthene-d10
Concen: 0.33 ng
RT: 19.28 min Scan# 1433
Delta R.T. -0.00 min
Lab File: BE094652.D
Acq: 30 Oct 2017 20:41

Tgt Ion:212 Resp: 43456

Ion	Ratio	Lower	Upper
212	100		
106	3.7	2.8	4.2
104	2.7	1.6	2.4#



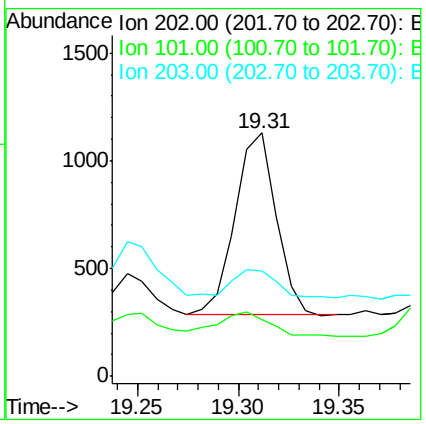


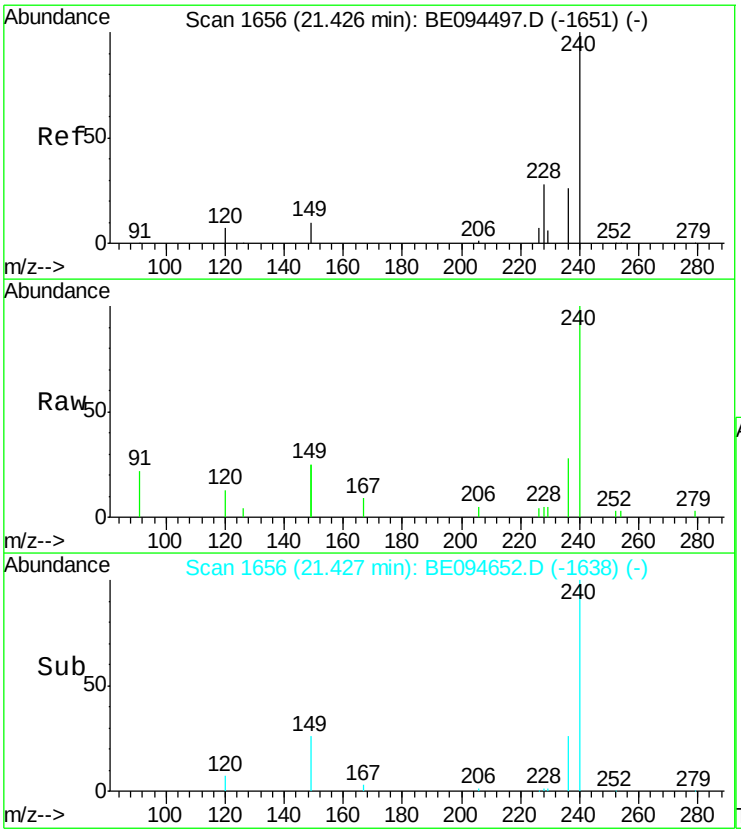
#26
Fluoranthene
Concen: Below Cal
RT: 19.31 min Scan# 1437
Delta R.T. -0.00 min
Lab File: BE094652.D
Acq: 30 Oct 2017 20:41

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:202 Resp: 1203

Ion	Ratio	Lower	Upper
202	100		
101	17.0	9.8	14.8#
203	19.1	13.7	20.5

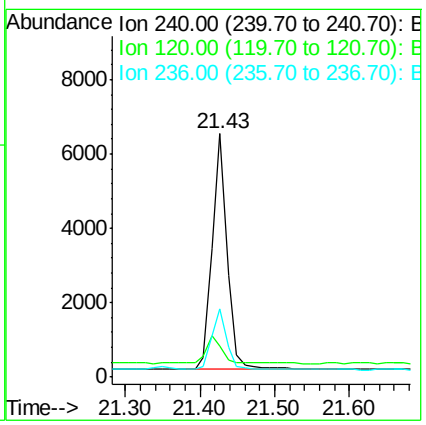


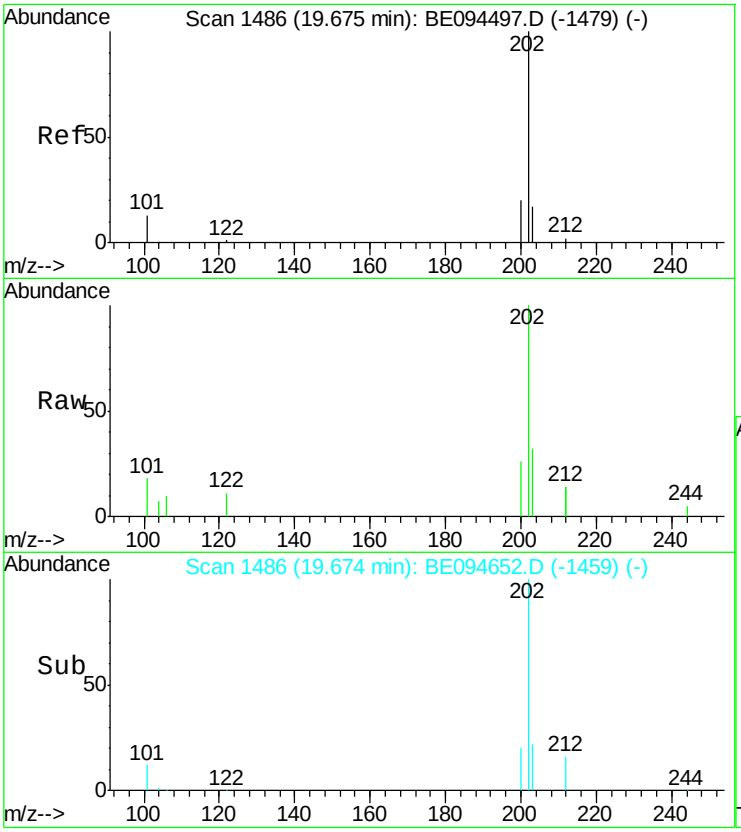


#27
Chrysene-d12
Concen: 0.40 ng
RT: 21.43 min Scan# 1656
Delta R.T. 0.00 min
Lab File: BE094652.D
Acq: 30 Oct 2017 20:41

Tgt Ion:240 Resp: 8782

Ion	Ratio	Lower	Upper
240	100		
120	12.8	5.5	8.3#
236	28.1	20.7	31.1



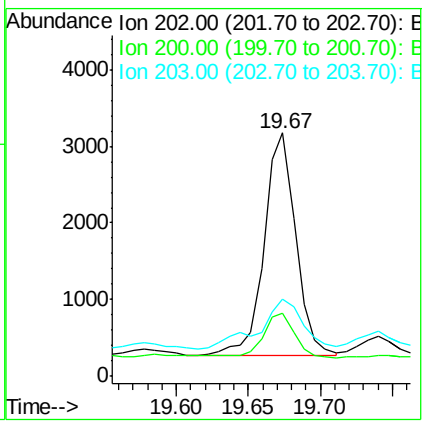


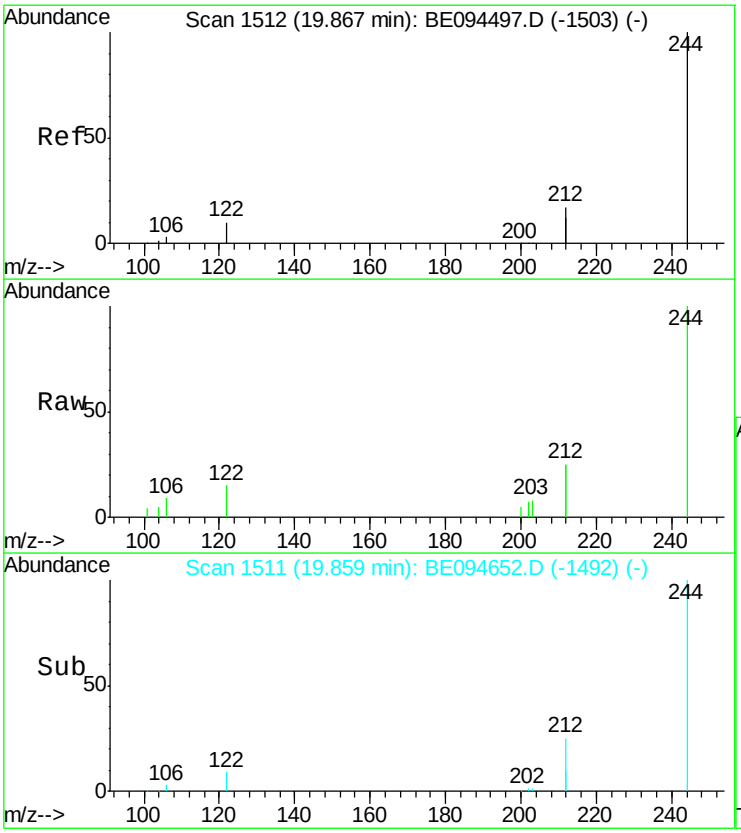
#28
Pyrene
Concen: 0.14 ng
RT: 19.67 min Scan# 1486
Delta R.T. -0.00 min
Lab File: BE094652.D
Acq: 30 Oct 2017 20:41

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:202 Resp: 4424

Ion	Ratio	Lower	Upper
202	100		
200	20.2	16.6	25.0
203	30.5	13.8	20.8#

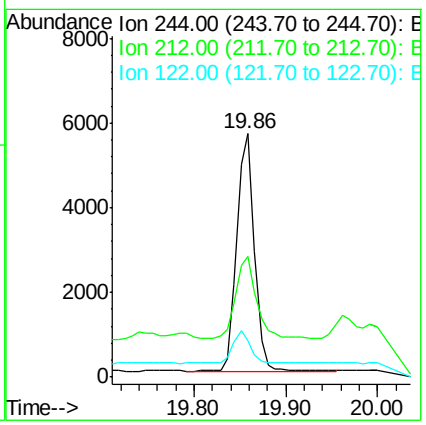


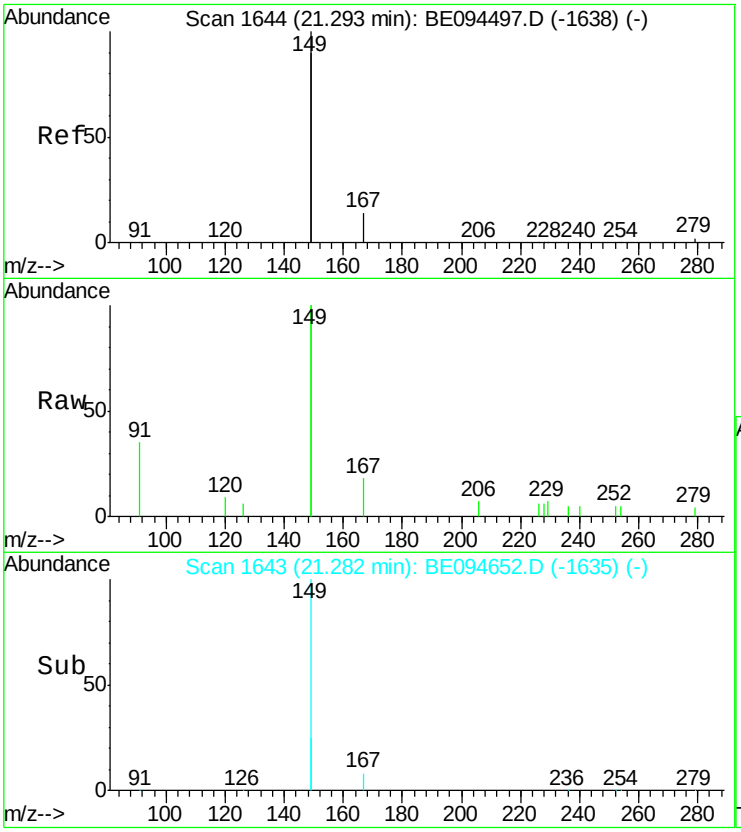


#29
Terphenyl-d14
Concen: 0.45 ng
RT: 19.86 min Scan# 1511
Delta R.T. -0.01 min
Lab File: BE094652.D
Acq: 30 Oct 2017 20:41

Tgt Ion:244 Resp: 7460

Ion	Ratio	Lower	Upper
244	100		
212	49.5	25.4	38.0#
122	14.9	8.1	12.1#



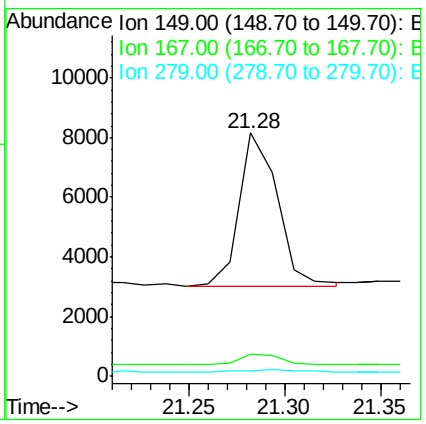


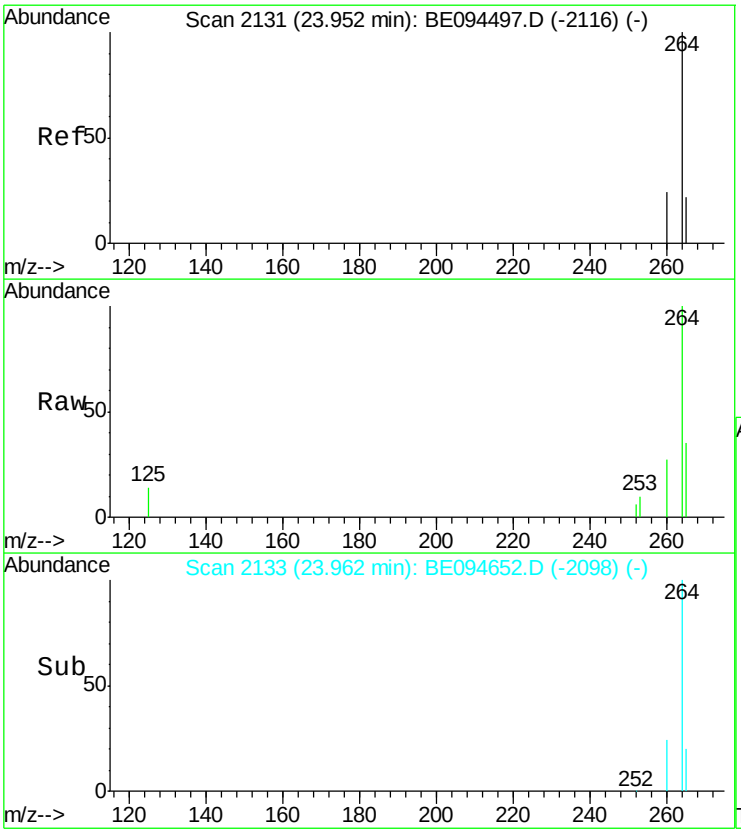
#32
Bis(2-ethylhexyl)phthalate
Concen: 0.10 ng
RT: 21.28 min Scan# 1643
Delta R.T. -0.01 min
Lab File: BE094652.D
Acq: 30 Oct 2017 20:41

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:149 Resp: 7073

Ion	Ratio	Lower	Upper
149	100		
167	7.6	5.4	8.0
279	1.1	0.7	1.1





#34
Perylene-d12
Concen: 0.40 ng
RT: 23.96 min Scan# 2133
Delta R.T. 0.01 min
Lab File: BE094652.D
Acq: 30 Oct 2017 20:41

Tgt Ion:264 Resp: 8330

Ion	Ratio	Lower	Upper
264	100		
260	26.6	20.5	30.7
265	34.7	22.8	34.2#