Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE102317\
Data File : BE094507.D
Acq On : 23 Oct 2017 22:14
Operator : SJ/JU
Sample : I5950-11
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : 20170724-C-A-COMP3

Quant Time: Oct 23 22:56:07 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	1440	0.40	ng		0.00
7) Naphthalene-d8	10.69	136	7941	0.40	ng		-0.02
13) Acenaphthene-d10	14.51	164	4820	0.40	ng		0.00
19) Phenanthrene-d10	17.24	188	13687	0.40	ng		0.00
27) Chrysene-d12	21.42	240	10464	0.40	ng		-0.01
34) Perylene-d12	23.93	264	9906	0.40	ng		-0.02
System Monitoring Compounds							
4) 2-Fluorophenol	5.51	112	977	0.20	ng		-0.01
5) Phenol-d6	7.11	99	822	0.11	ng		-0.02
8) Nitrobenzene-d5	9.06	82	3200	0.50	ng		-0.02
11) 2-Methylnaphthalene-d10	12.27	152	5717	0.45	ng		-0.02
14) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng		
15) 2-Fluorobiphenyl	13.13	172	7670	0.45	ng		-0.01
25) Fluoranthene-d10	19.27	212	57402	0.33	ng		-0.01
29) Terphenyl-d14	19.85	244	10883	0.55	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.41	88	58	0.02	ng	#	16
3) n-Nitrosodimethylamine	3.70	42	490	0.21	ng	#	1
6) bis(2-Chloroethyl)ether	7.24	93	1907	0.33	ng	#	1
9) Naphthalene	10.72	128	258035	2.87	ng		99
12) 2-Methylnaphthalene	12.34	142	13535	0.89	ng		99
16) Acenaphthylene	14.23	152	1058	0.04	ng	#	45
17) Acenaphthene	14.57	154	7264	0.44	ng		97
18) Fluorene	15.55	166	6719	0.32	ng	#	73
23) Phenanthrene	17.27	178	18756	0.53	ng	#	92
24) Anthracene	17.37	178	3726	0.09	ng	#	80
26) Fluoranthene	19.30	202	4464	0.02	ng	#	89
28) Pyrene	19.66	202	4160	0.11	ng	#	92
32) Bis(2-ethylhexyl)phthalate	21.28	149	4661	0.06	ng	#	97

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

Data Path : Z:\HPCHEM1\BNA E\DATA\BE102317\
Data File : BE094507.D
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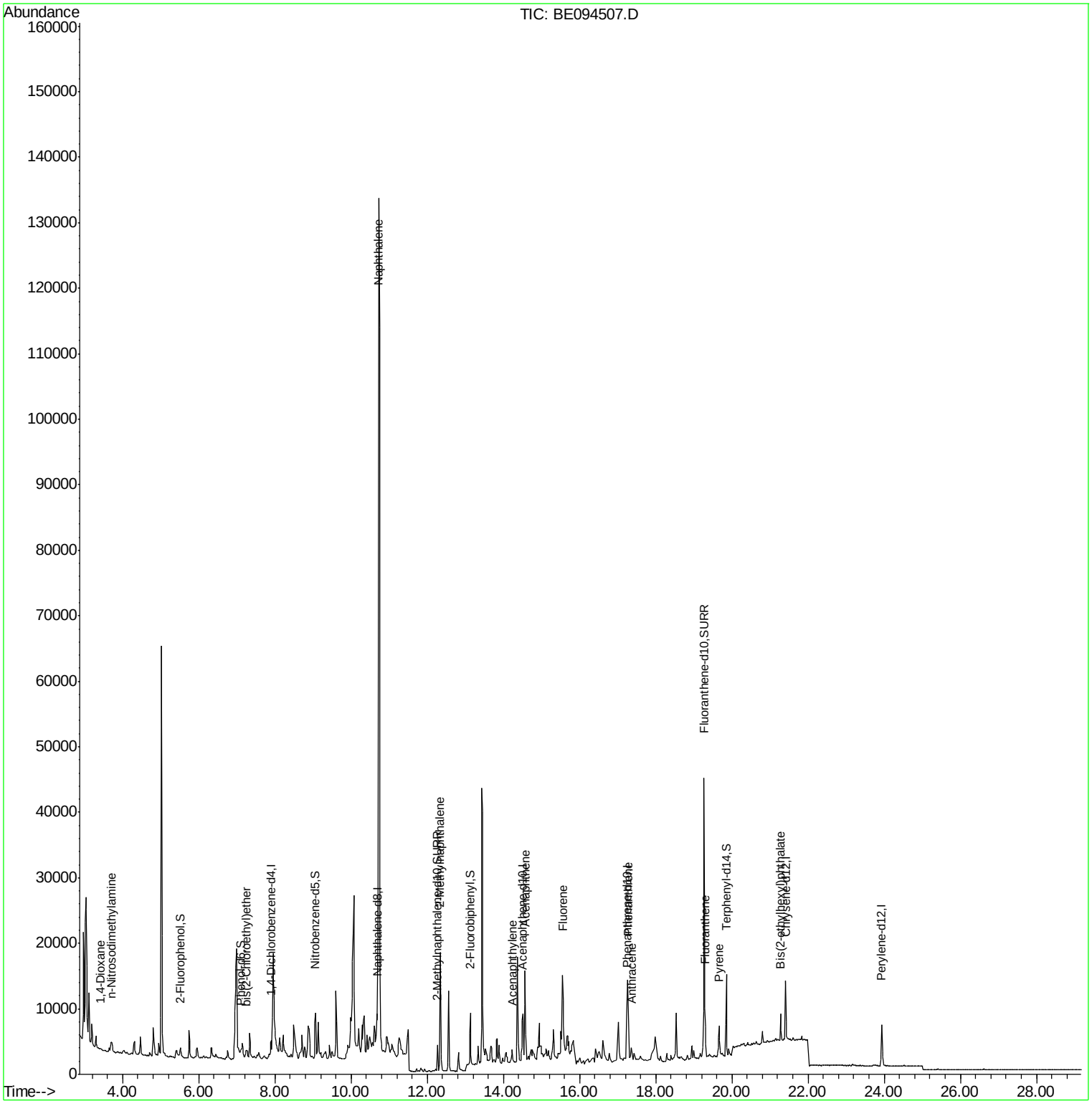
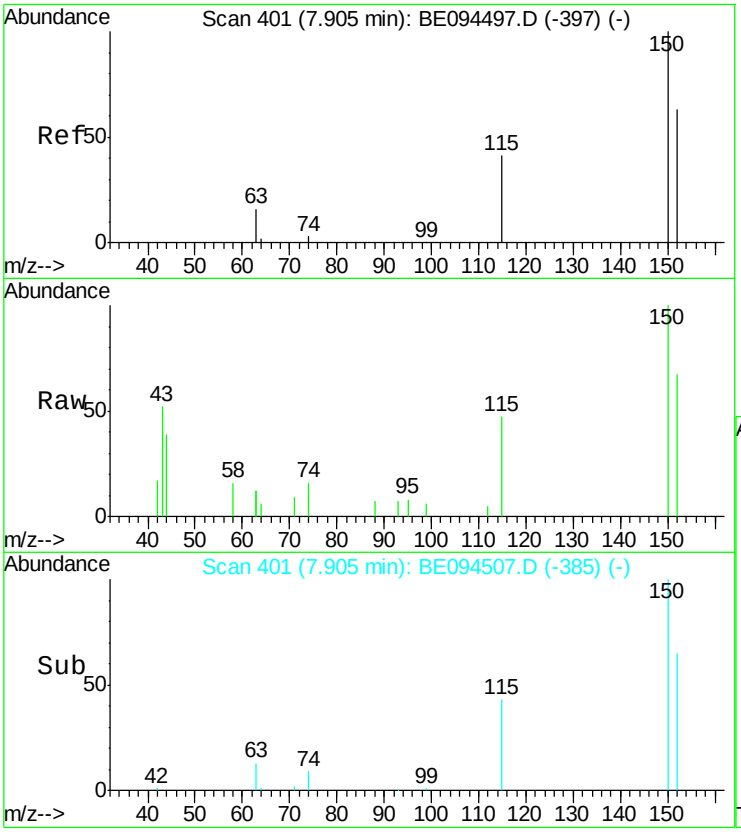
Operator : SJ/JU
Sample : I5950-11
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
20170724-C-A-COMP3

Quant Time: Oct 23 22:56:07 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



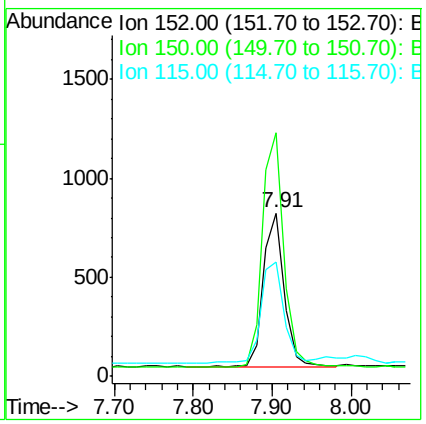


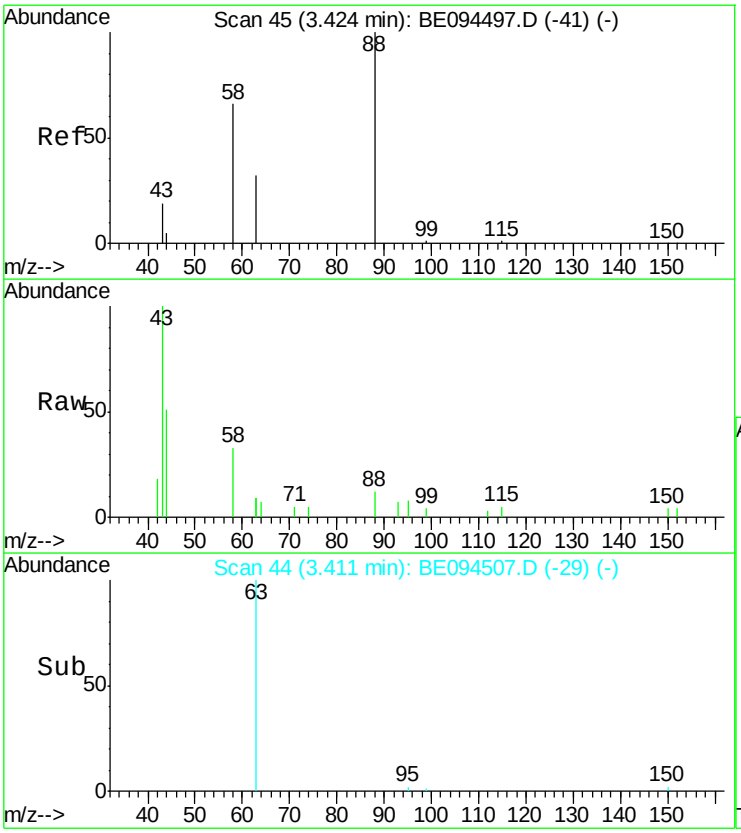
#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.91 min Scan# 401
Delta R.T. -0.00 min
Lab File: BE094507.D
Acq: 23 Oct 2017 22:14

Instrument :
BNA_E
ClientSampleId :
20170724-C-A-COMP3

Tgt Ion:152 Resp: 1440

Ion	Ratio	Lower	Upper
152	100		
150	149.0	117.2	175.8
115	69.7	57.0	85.6

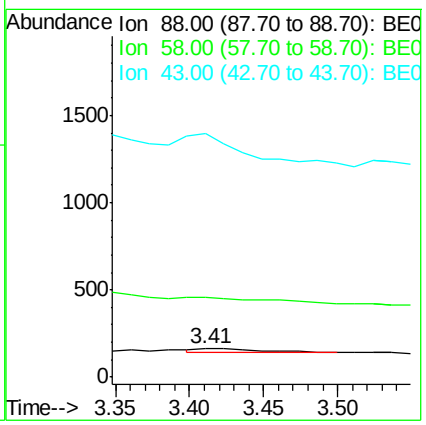


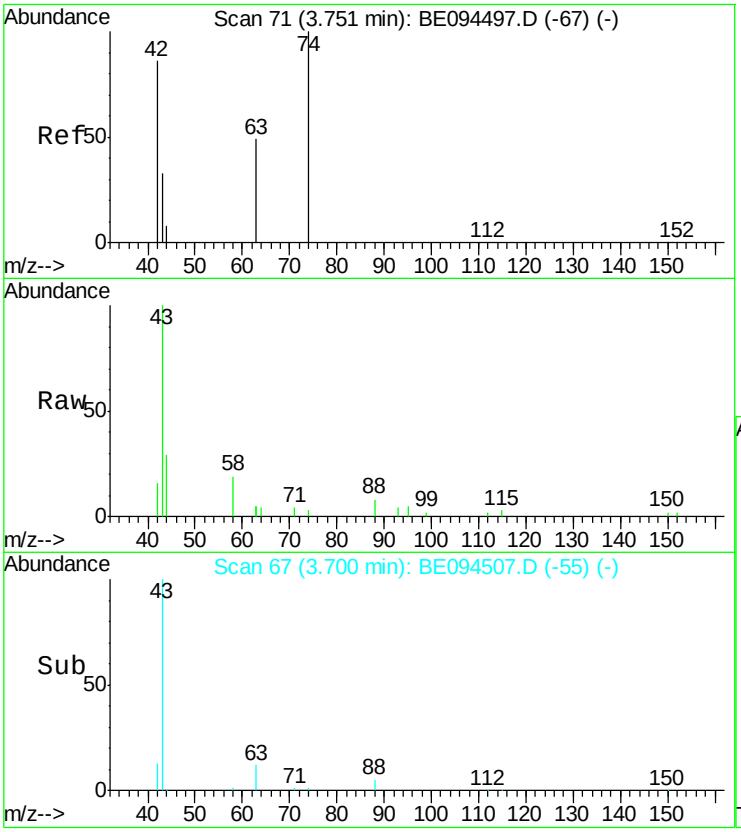


#2
1,4-Dioxane
Concen: 0.02 ng
RT: 3.41 min Scan# 44
Delta R.T. -0.01 min
Lab File: BE094507.D
Acq: 23 Oct 2017 22:14

Tgt Ion: 88 Resp: 58

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



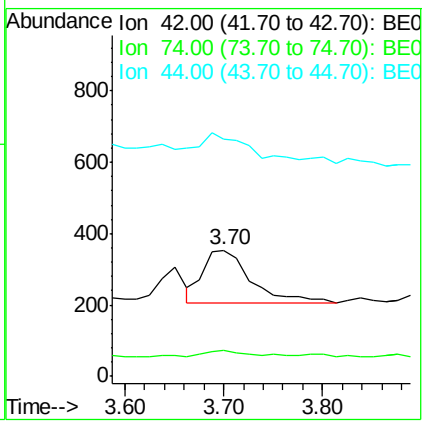


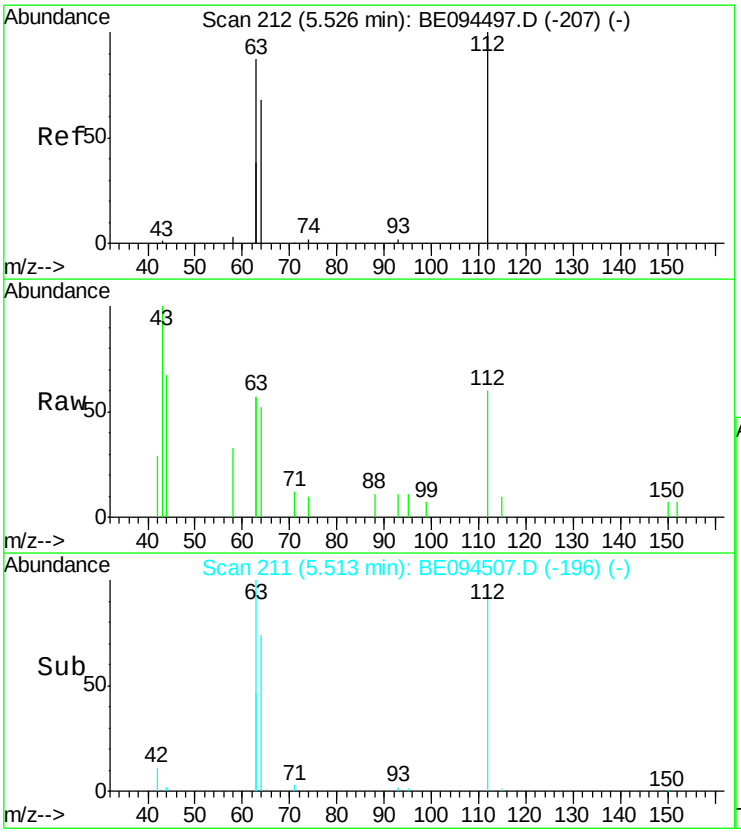
#3
n-Nitrosodimethylamine
Concen: 0.21 ng
RT: 3.70 min Scan# 67
Delta R.T. -0.05 min
Lab File: BE094507.D
Acq: 23 Oct 2017 22:14

Instrument :
BNA_E
ClientSampleId :
20170724-C-A-COMP3

Tgt Ion: 42 Resp: 490

Ion	Ratio	Lower	Upper
42	100		
74	11.6	100.3	150.5#
44	70.6	17.0	25.4#

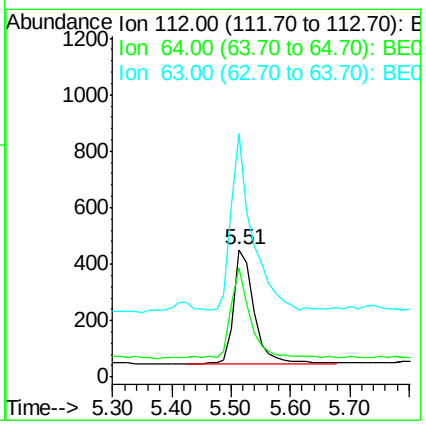


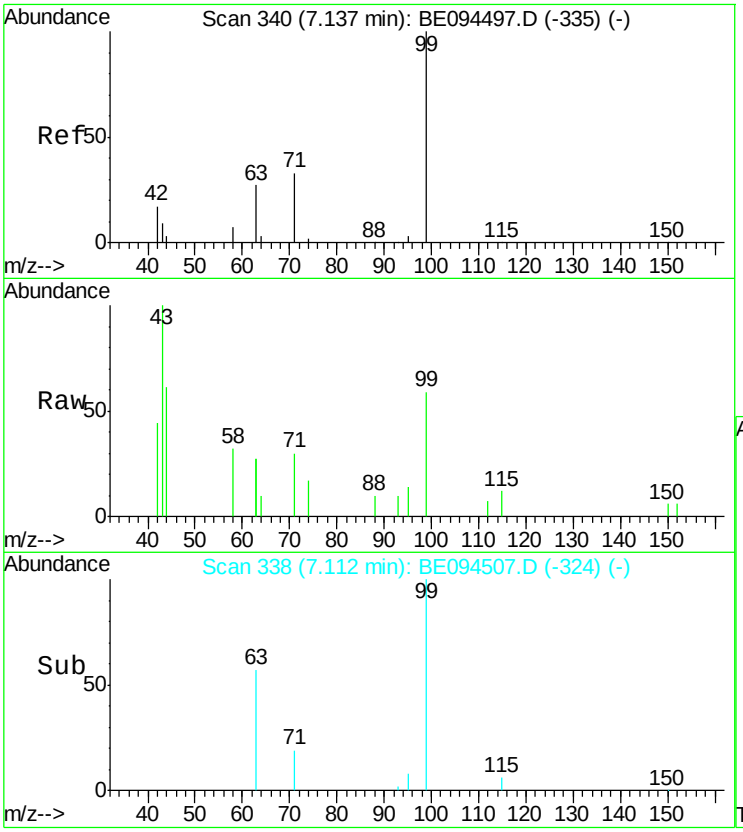


#4
2-Fluorophenol
Concen: 0.20 ng
RT: 5.51 min Scan# 211
Delta R.T. -0.01 min
Lab File: BE094507.D
Acq: 23 Oct 2017 22:14

Tgt Ion:112 Resp: 977

Ion	Ratio	Lower	Upper
112	100		
64	72.9	60.1	90.1
63	157.7	116.8	175.2



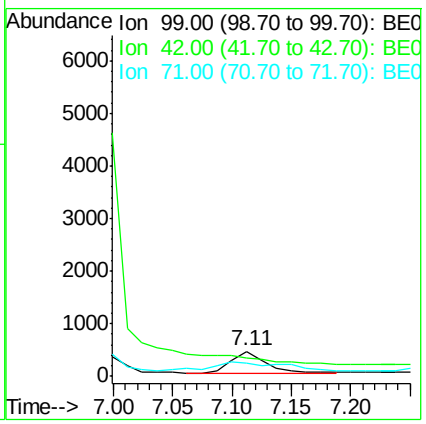


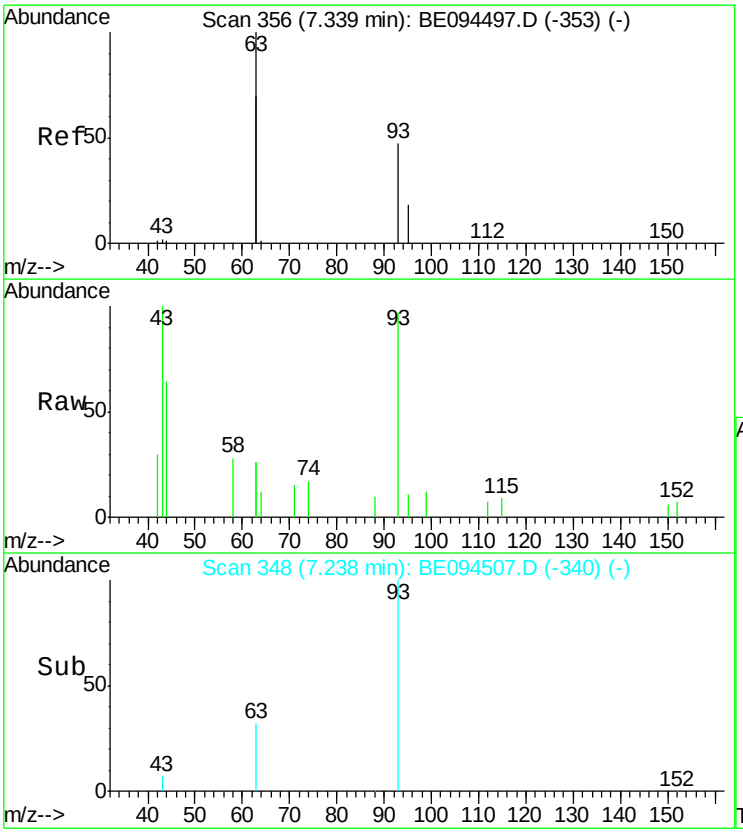
#5
Phenol-d6
Concen: 0.11 ng
RT: 7.11 min Scan# 338
Delta R.T. -0.02 min
Lab File: BE094507.D
Acq: 23 Oct 2017 22:14

Instrument :
BNA_E
ClientSampleId :
20170724-C-A-COMP3

Tgt Ion: 99 Resp: 822

Ion	Ratio	Lower	Upper
99	100		
42	0.0	20.2	30.2#
71	90.8	28.4	42.6#

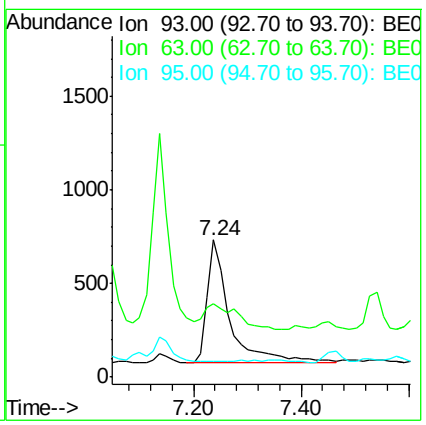


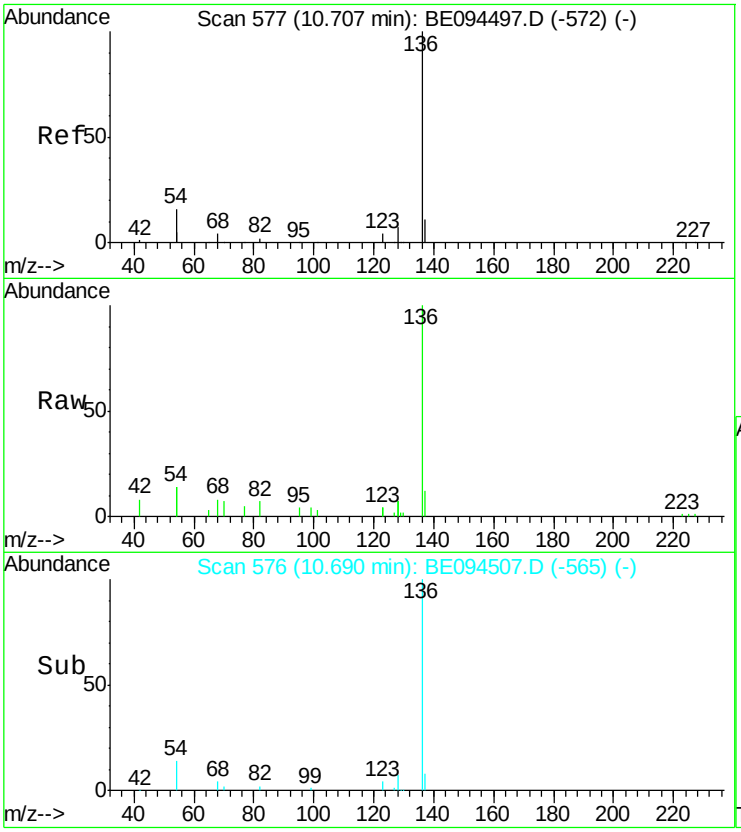


#6
bis(2-Chloroethyl)ether
Concen: 0.33 ng
RT: 7.24 min Scan# 348
Delta R.T. -0.10 min
Lab File: BE094507.D
Acq: 23 Oct 2017 22:14

Tgt Ion: 93 Resp: 1907

Ion	Ratio	Lower	Upper
93	100		
63	30.1	275.3	412.9#
95	0.0	25.2	37.8#



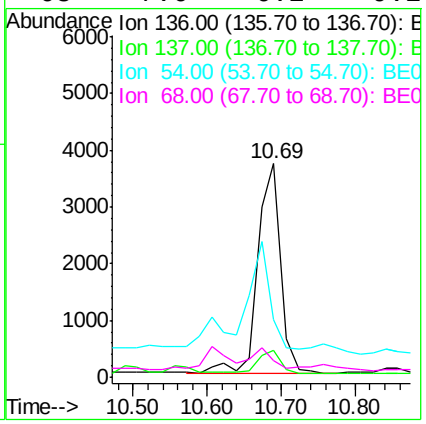


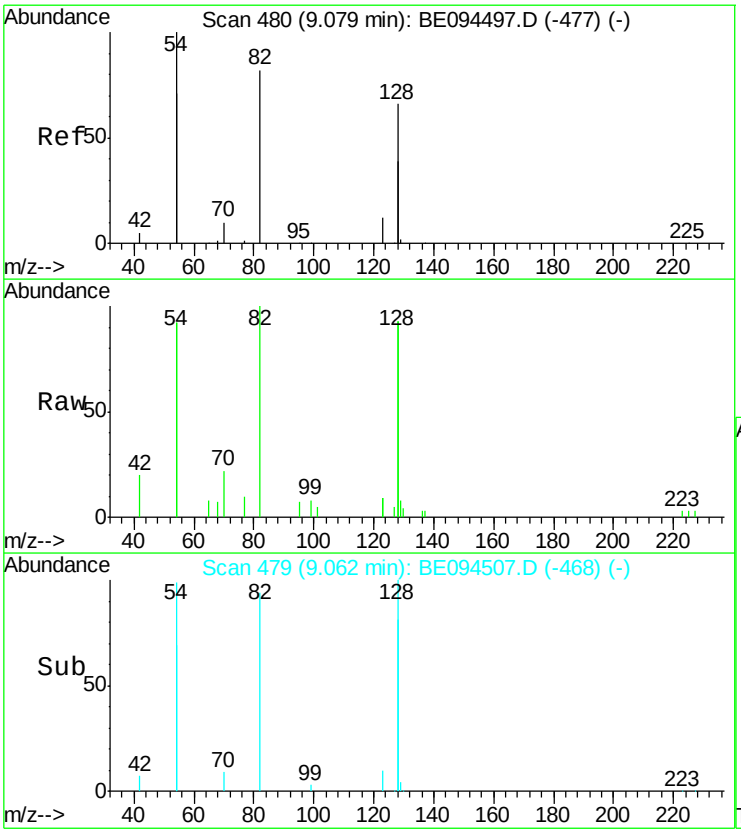
#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.69 min Scan# 576
Delta R.T. -0.02 min
Lab File: BE094507.D
Acq: 23 Oct 2017 22:14

Instrument :
BNA_E
ClientSampleId :
20170724-C-A-COMP3

Tgt Ion:136 Resp: 7941

Ion	Ratio	Lower	Upper
136	100		
137	12.4	9.5	14.3
54	27.1	29.1	43.7#
68	7.6	6.2	9.2

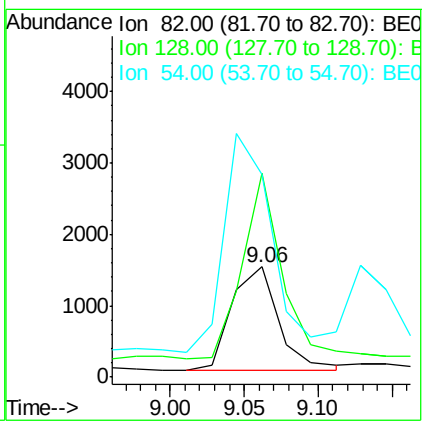


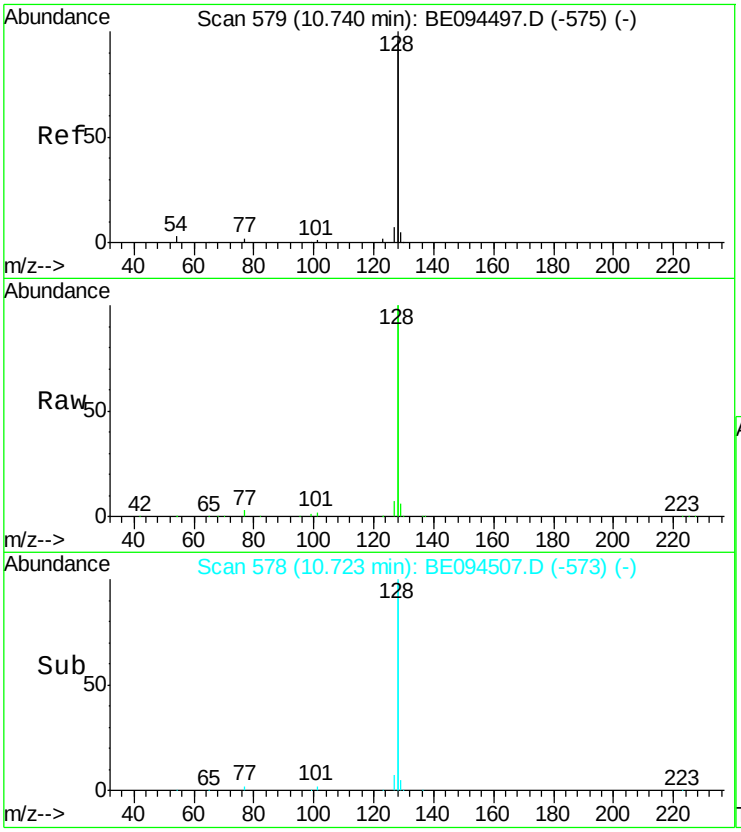


#8
Nitrobenzene-d5
Concen: 0.50 ng
RT: 9.06 min Scan# 479
Delta R.T. -0.02 min
Lab File: BE094507.D
Acq: 23 Oct 2017 22:14

Tgt Ion: 82 Resp: 3200

Ion	Ratio	Lower	Upper
82	100		
128	185.0	150.0	225.0
54	183.6	154.2	231.4



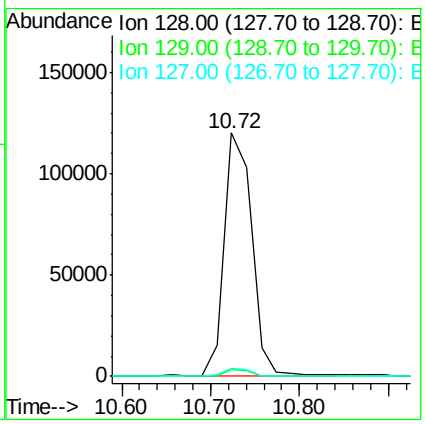


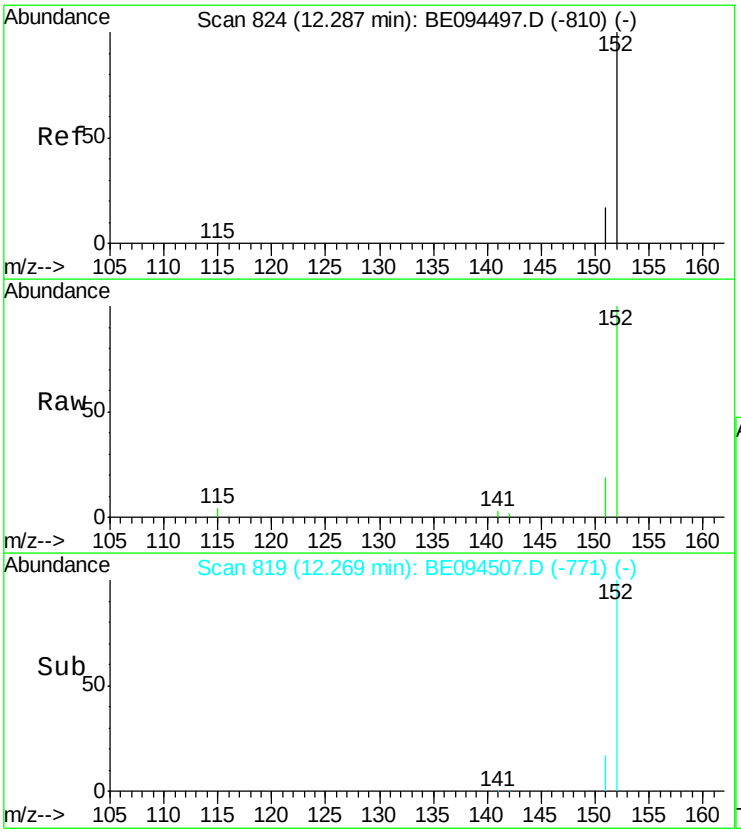
#9
Naphthalene
Concen: 2.87 ng
RT: 10.72 min Scan# 578
Delta R.T. -0.02 min
Lab File: BE094507.D
Acq: 23 Oct 2017 22:14

Instrument :
BNA_E
ClientSampleId :
20170724-C-A-COMP3

Tgt Ion:128 Resp: 258035

Ion	Ratio	Lower	Upper
128	100		
129	2.8	2.6	3.8
127	3.5	2.8	4.2

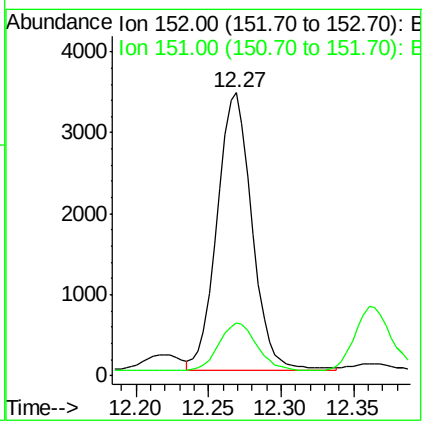


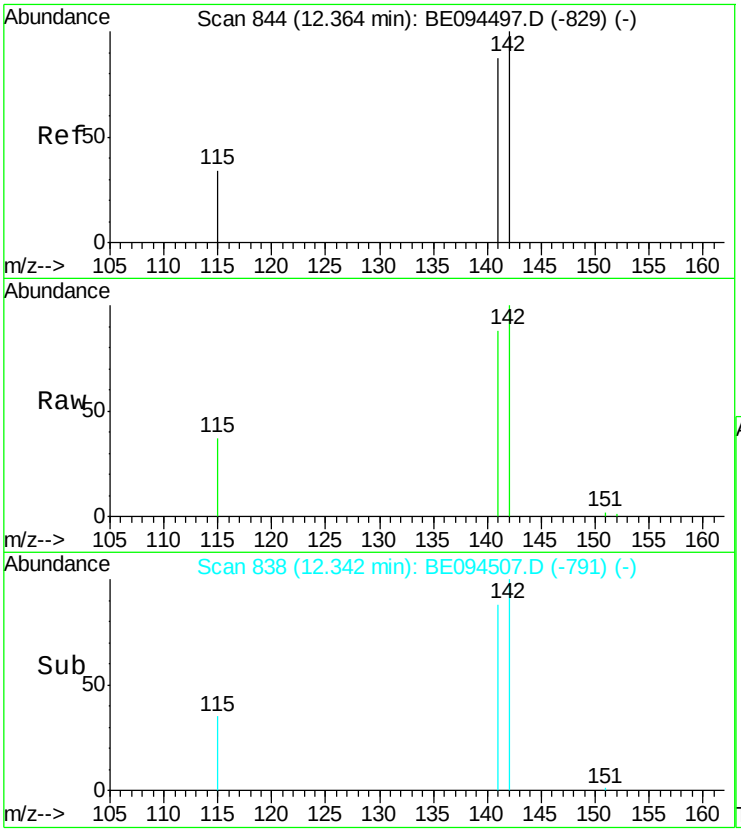


#11
2-Methylnaphthalene-d10
Concen: 0.45 ng
RT: 12.27 min Scan# 819
Delta R.T. -0.02 min
Lab File: BE094507.D
Acq: 23 Oct 2017 22:14

Tgt Ion:152 Resp: 5717

Ion	Ratio	Lower	Upper
152	100		
151	18.5	15.4	23.0



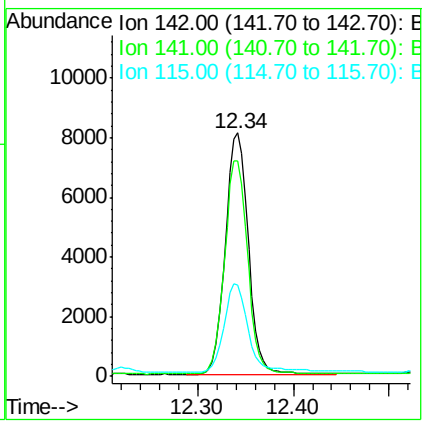


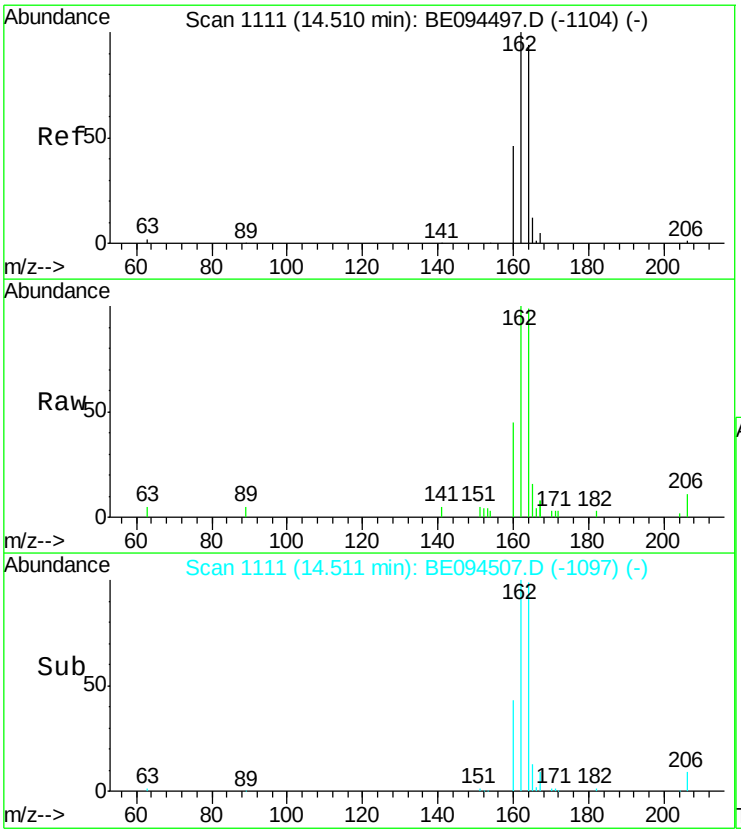
#12
2-Methylnaphthalene
Concen: 0.89 ng
RT: 12.34 min Scan# 838
Delta R.T. -0.02 min
Lab File: BE094507.D
Acq: 23 Oct 2017 22:14

Instrument :
BNA_E
ClientSampleId :
20170724-C-A-COMP3

Tgt Ion:142 Resp: 13535

Ion	Ratio	Lower	Upper
142	100		
141	88.3	70.4	105.6
115	37.3	31.7	47.5

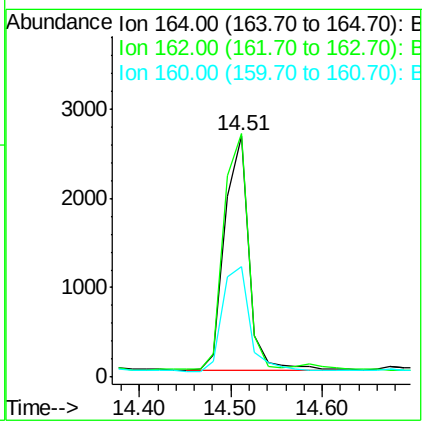


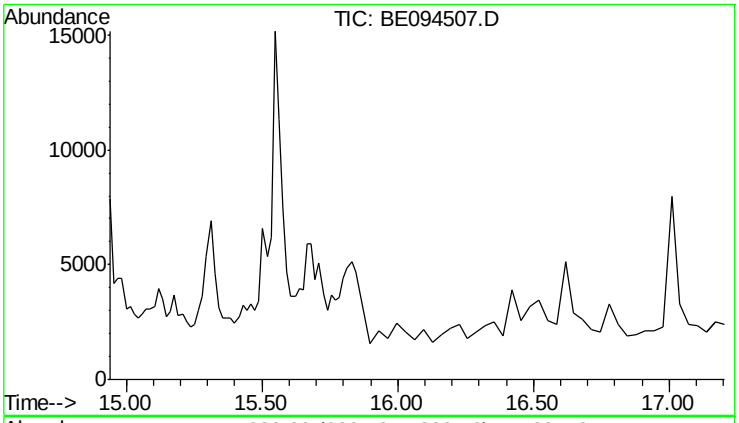


#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.51 min Scan# 1111
Delta R.T. 0.00 min
Lab File: BE094507.D
Acq: 23 Oct 2017 22:14

Tgt Ion:164 Resp: 4820

Ion	Ratio	Lower	Upper
164	100		
162	100.7	83.1	124.7
160	45.6	37.1	55.7





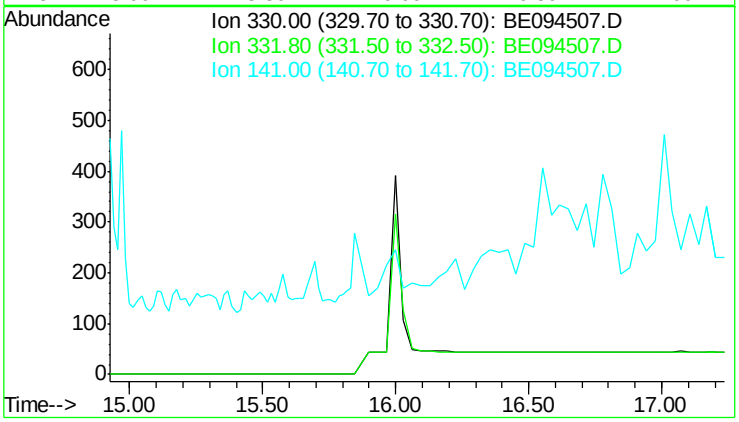
#14
2,4,6-Tribromophenol
Concen: 0.00 ng
Expected RT: 16.03 min

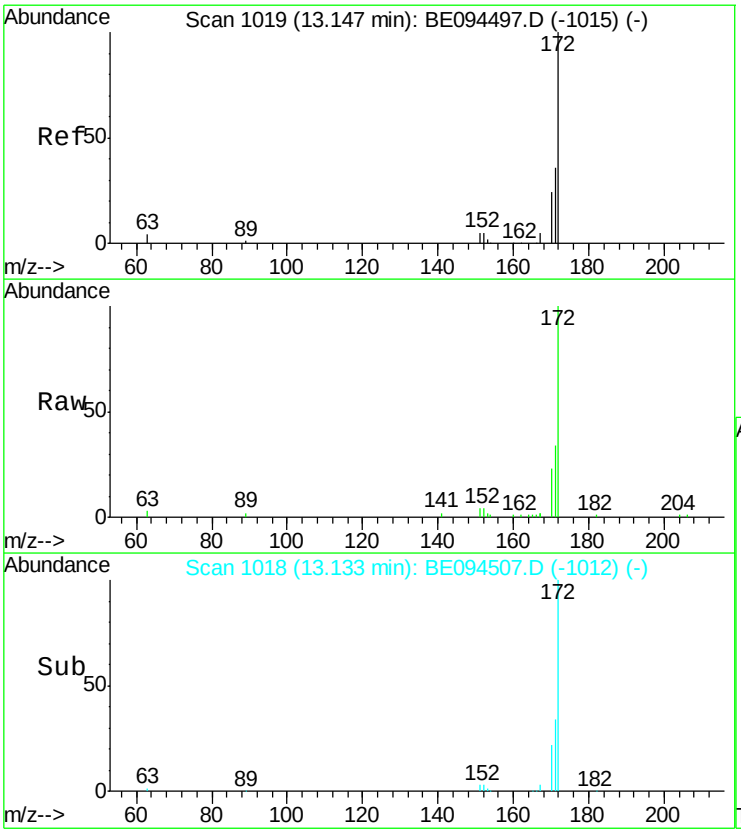
Lab File: BE094507.D
Acq: 23 Oct 2017 22:14

Instrument :
BNA_E
ClientSampleId :
20170724-C-A-COMP3

Tgt Ion: 330

Sig	Exp Ratio
330	100
332	190.9
141	42.1

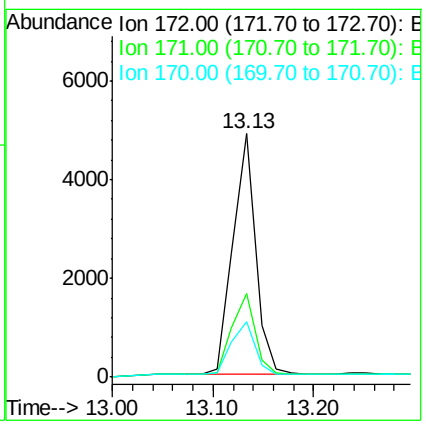


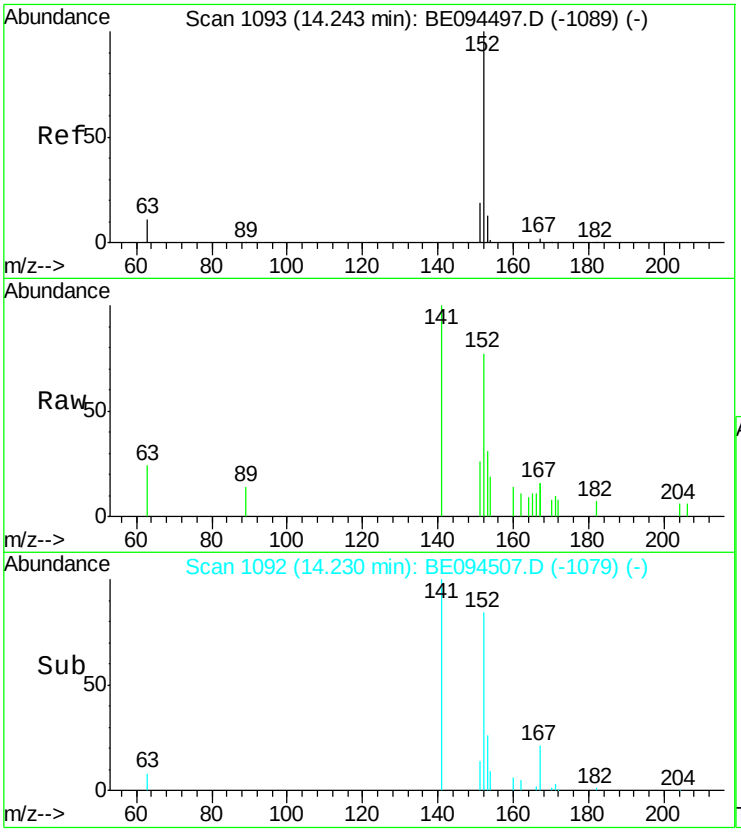


#15
2-Fluorobiphenyl
Concen: 0.45 ng
RT: 13.13 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BE094507.D
Acq: 23 Oct 2017 22:14

Tgt Ion:172 Resp: 7670

Ion	Ratio	Lower	Upper
172	100		
171	34.3	29.9	44.9
170	22.7	21.8	32.8



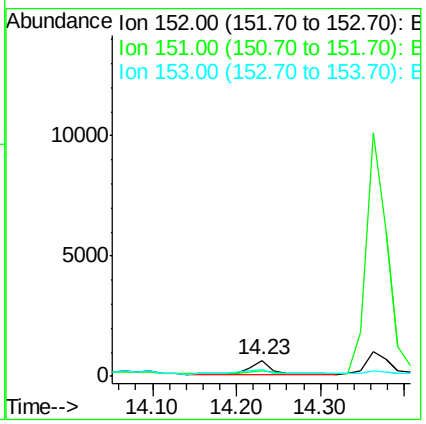


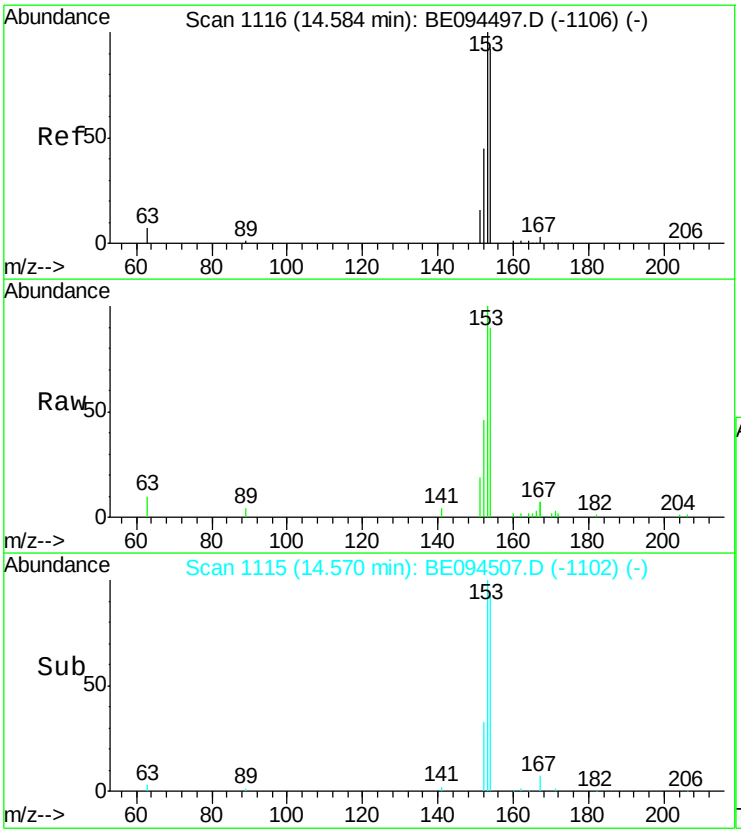
#16
Acenaphthylene
Concen: 0.04 ng
RT: 14.23 min Scan# 1092
Delta R.T. -0.01 min
Lab File: BE094507.D
Acq: 23 Oct 2017 22:14

Instrument :
BNA_E
ClientSampleId :
20170724-C-A-COMP3

Tgt Ion:152 Resp: 1058

Ion	Ratio	Lower	Upper
152	100		
151	0.0	15.7	23.5#
153	42.1	10.5	15.7#

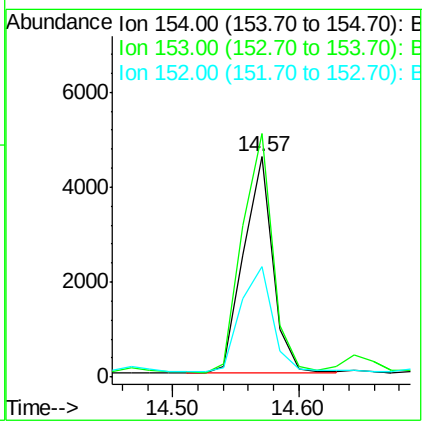


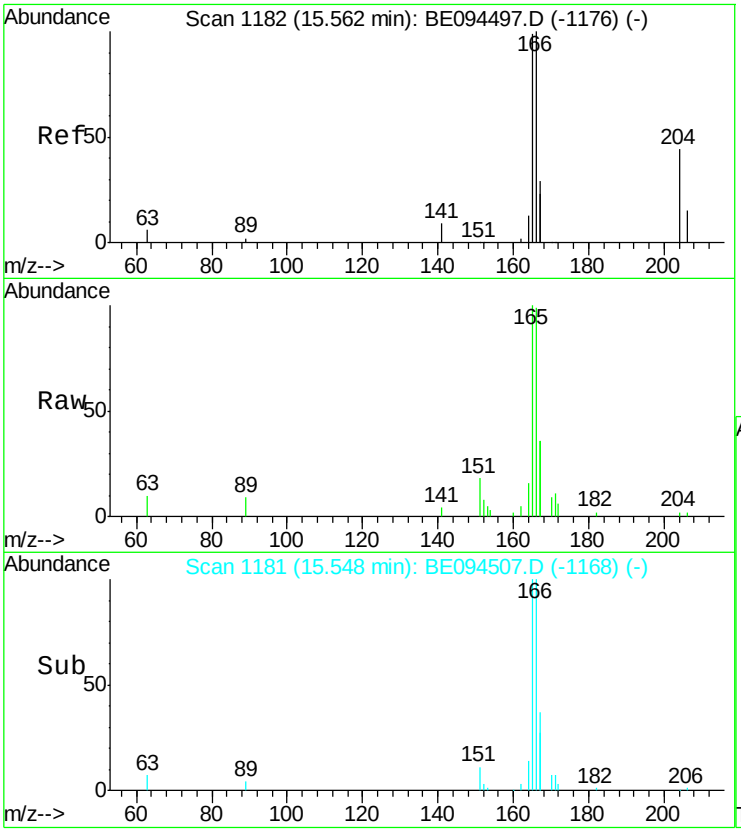


#17
Acenaphthene
Concen: 0.44 ng
RT: 14.57 min Scan# 1115
Delta R.T. -0.01 min
Lab File: BE094507.D
Acq: 23 Oct 2017 22:14

Tgt Ion:154 Resp: 7264

Ion	Ratio	Lower	Upper
154	100		
153	114.7	89.2	133.8
152	55.6	42.0	63.0



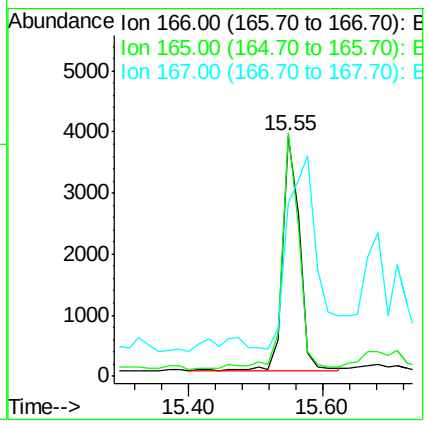


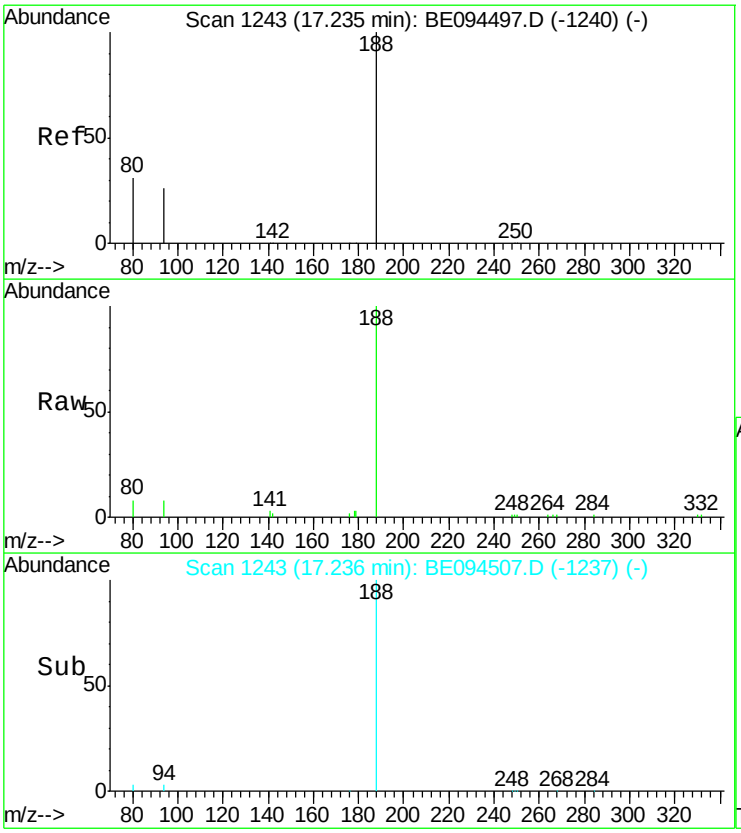
#18
Fluorene
Concen: 0.32 ng
RT: 15.55 min Scan# 1181
Delta R.T. -0.01 min
Lab File: BE094507.D
Acq: 23 Oct 2017 22:14

Instrument :
BNA_E
ClientSampleId :
20170724-C-A-COMP3

Tgt Ion:166 Resp: 6719

Ion	Ratio	Lower	Upper
166	100		
165	96.7	77.8	116.6
167	0.0	42.4	63.6#

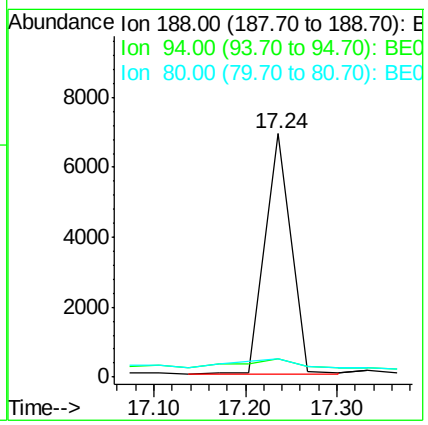


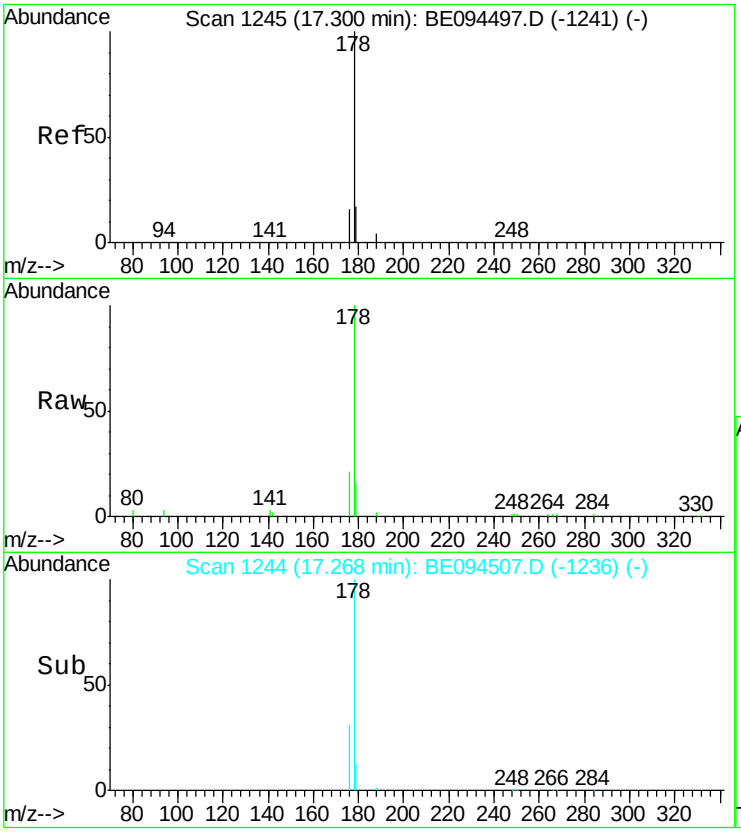


#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.24 min Scan# 1243
Delta R.T. 0.00 min
Lab File: BE094507.D
Acq: 23 Oct 2017 22:14

Tgt Ion:188 Resp: 13687

Ion	Ratio	Lower	Upper
188	100		
94	7.7	3.9	5.9#
80	7.6	3.6	5.4#



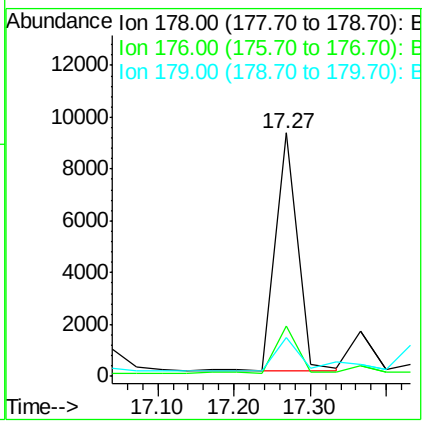


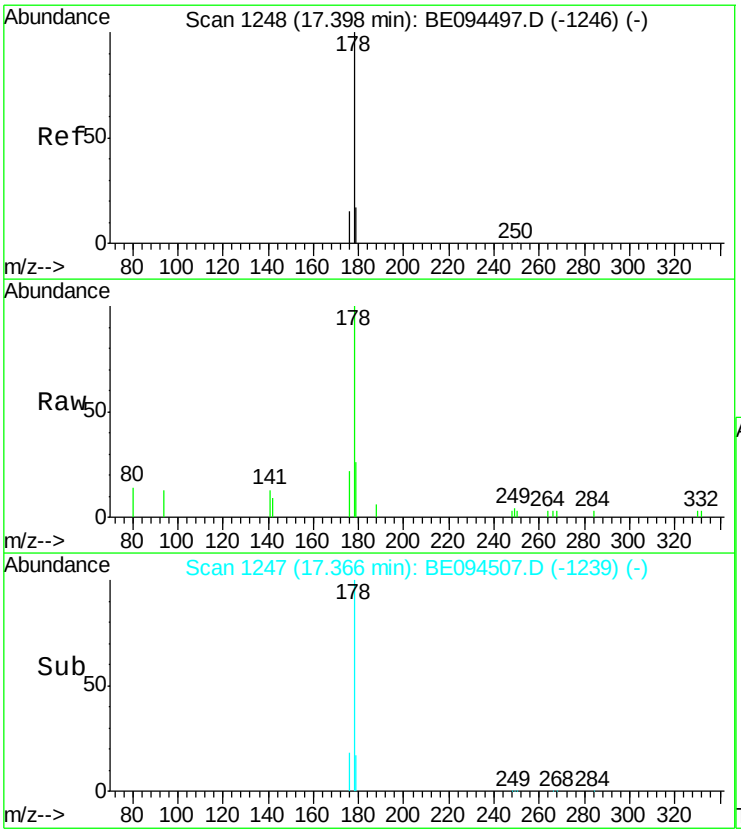
#23
Phenanthrene
Concen: 0.53 ng
RT: 17.27 min Scan# 1244
Delta R.T. -0.03 min
Lab File: BE094507.D
Acq: 23 Oct 2017 22:14

Instrument :
BNA_E
ClientSampleId :
20170724-C-A-COMP3

Tgt Ion:178 Resp: 18756

Ion	Ratio	Lower	Upper
178	100		
176	20.1	15.1	22.7
179	20.9	11.8	17.6#

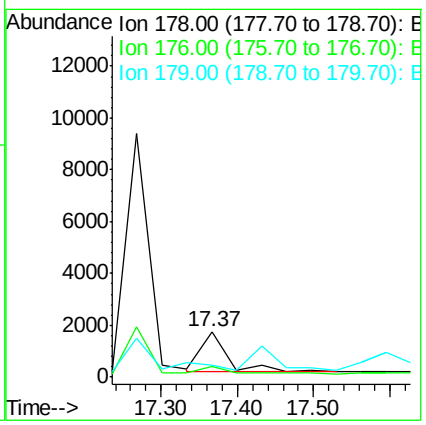


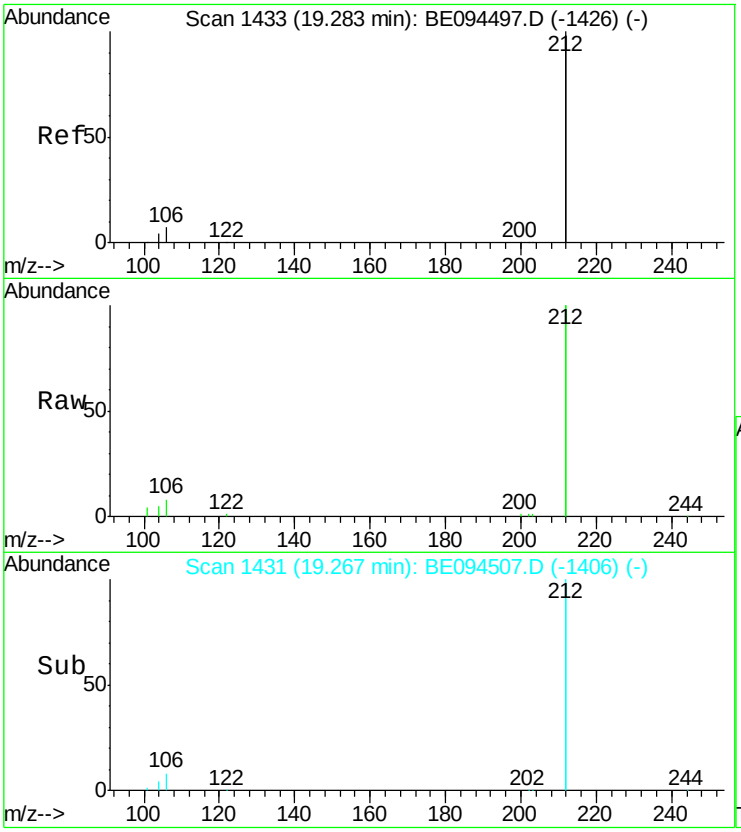


#24
Anthracene
Concen: 0.09 ng
RT: 17.37 min Scan# 1247
Delta R.T. -0.03 min
Lab File: BE094507.D
Acq: 23 Oct 2017 22:14

Tgt Ion:178 Resp: 3726

Ion	Ratio	Lower	Upper
178	100		
176	16.5	12.8	19.2
179	0.0	13.0	19.6#



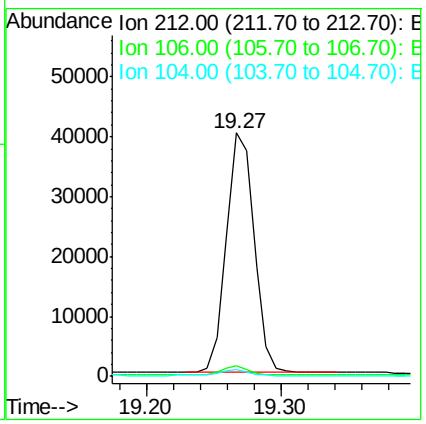


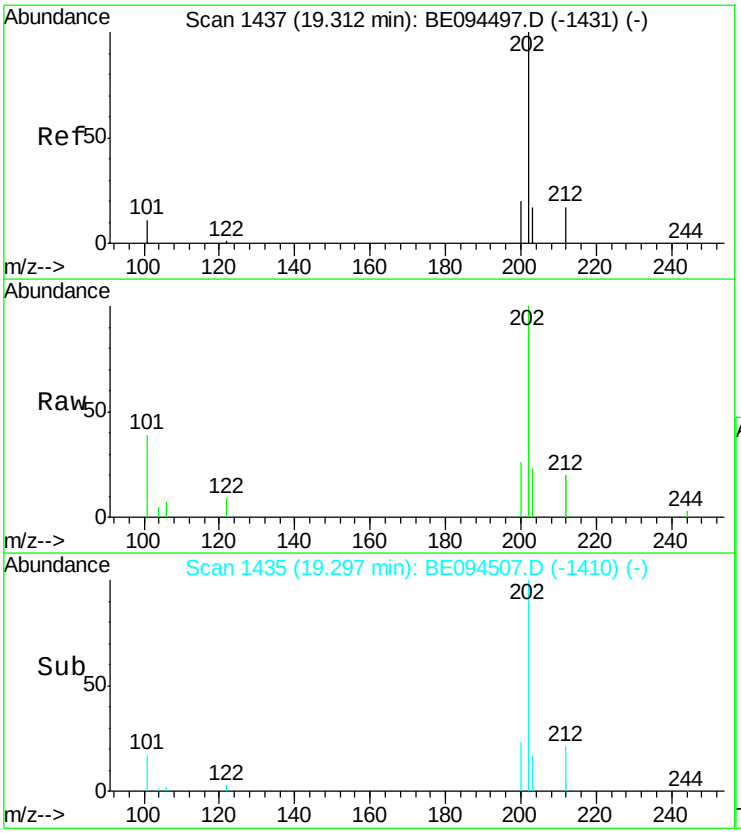
#25
Fluoranthene-d10
Concen: 0.33 ng
RT: 19.27 min Scan# 1431
Delta R.T. -0.01 min
Lab File: BE094507.D
Acq: 23 Oct 2017 22:14

Instrument :
BNA_E
ClientSampleId :
20170724-C-A-COMP3

Tgt Ion:212 Resp: 57402

Ion	Ratio	Lower	Upper
212	100		
106	4.0	2.8	4.2
104	2.5	1.6	2.4#

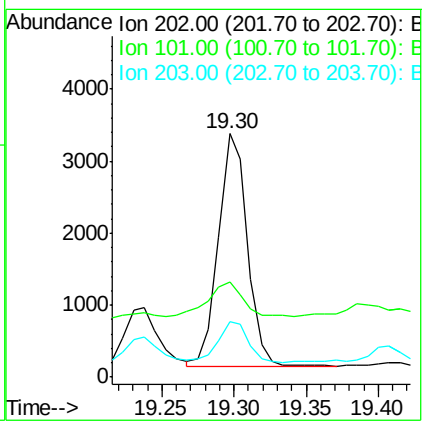


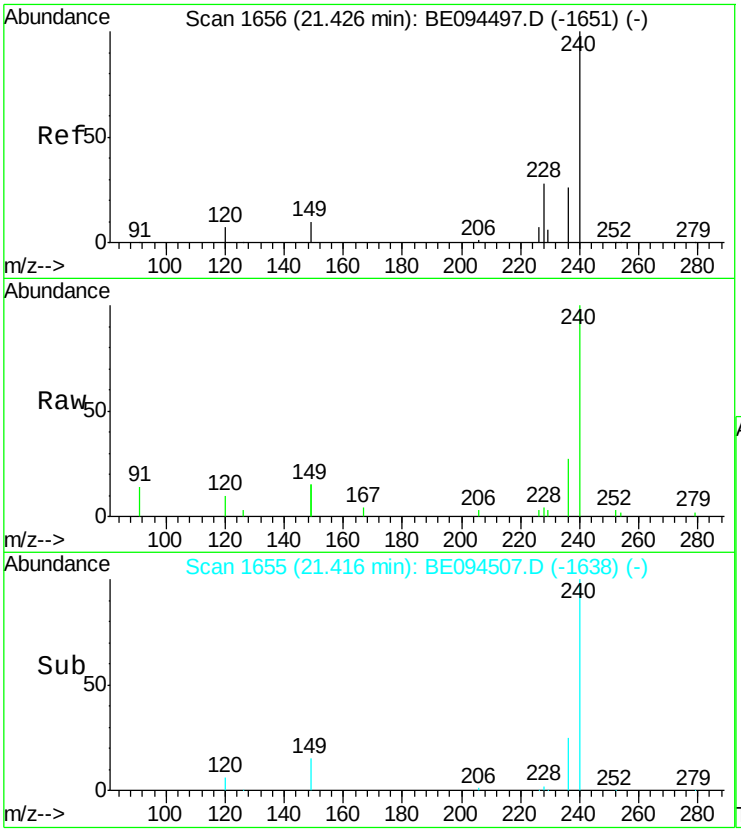


#26
Fluoranthene
Concen: 0.02 ng
RT: 19.30 min Scan# 1435
Delta R.T. -0.02 min
Lab File: BE094507.D
Acq: 23 Oct 2017 22:14

Tgt Ion:202 Resp: 4464

Ion	Ratio	Lower	Upper
202	100		
101	20.6	9.8	14.8#
203	18.8	13.7	20.5



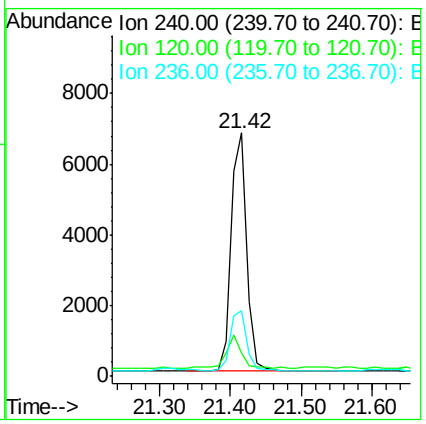


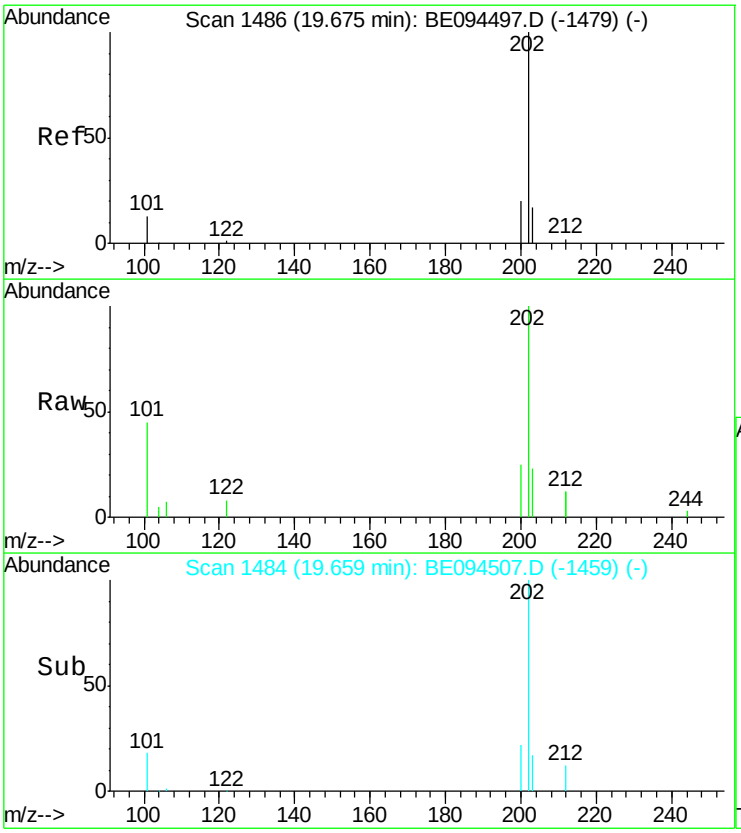
#27
Chrysene-d12
Concen: 0.40 ng
RT: 21.42 min Scan# 1655
Delta R.T. -0.01 min
Lab File: BE094507.D
Acq: 23 Oct 2017 22:14

Instrument :
BNA_E
ClientSampleId :
20170724-C-A-COMP3

Tgt Ion:240 Resp: 10464

Ion	Ratio	Lower	Upper
240	100		
120	9.8	5.5	8.3#
236	26.7	20.7	31.1

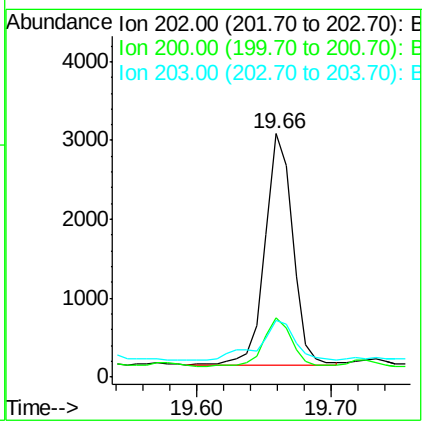


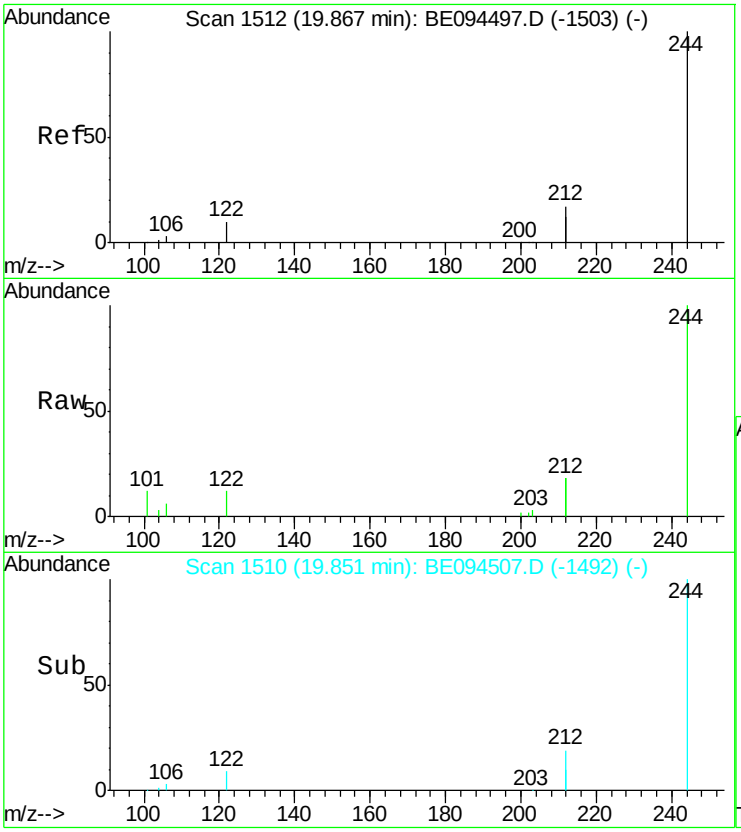


#28
Pyrene
Concen: 0.11 ng
RT: 19.66 min Scan# 1484
Delta R.T. -0.02 min
Lab File: BE094507.D
Acq: 23 Oct 2017 22:14

Tgt Ion:202 Resp: 4160

Ion	Ratio	Lower	Upper
202	100		
200	22.4	16.6	25.0
203	22.9	13.8	20.8#



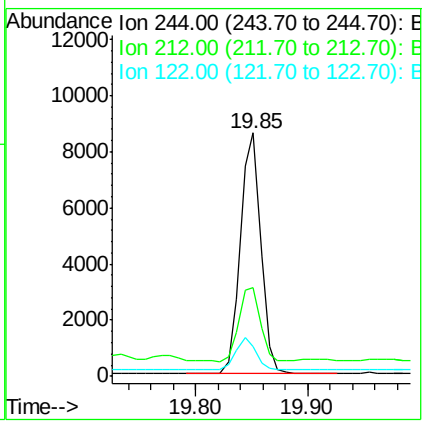


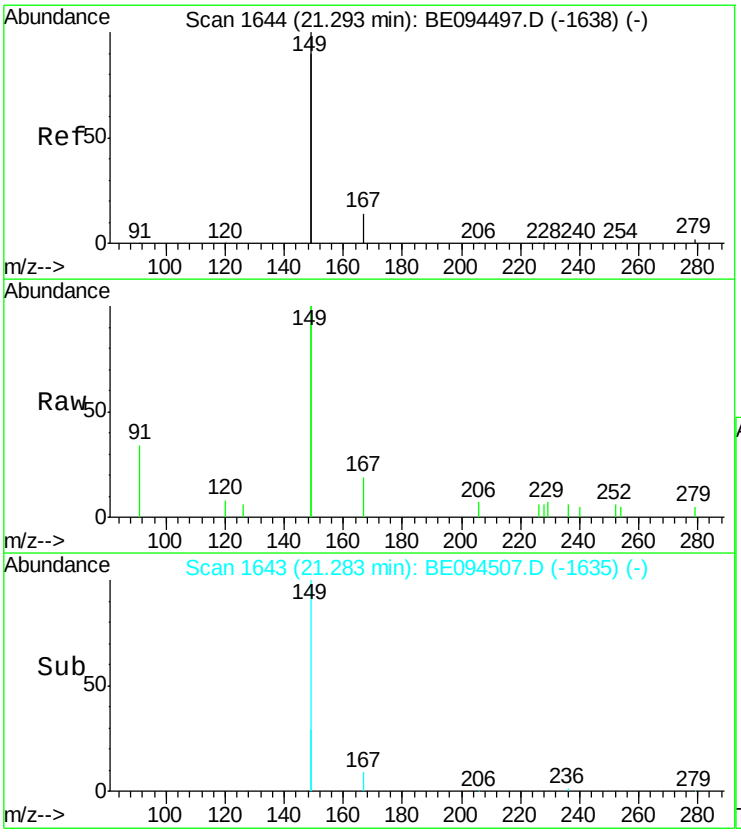
#29
Terphenyl-d14
Concen: 0.55 ng
RT: 19.85 min Scan# 1510
Delta R.T. -0.02 min
Lab File: BE094507.D
Acq: 23 Oct 2017 22:14

Instrument :
BNA_E
ClientSampleId :
20170724-C-A-COMP3

Tgt Ion:244 Resp: 10883

Ion	Ratio	Lower	Upper
244	100		
212	36.7	25.4	38.0
122	12.0	8.1	12.1

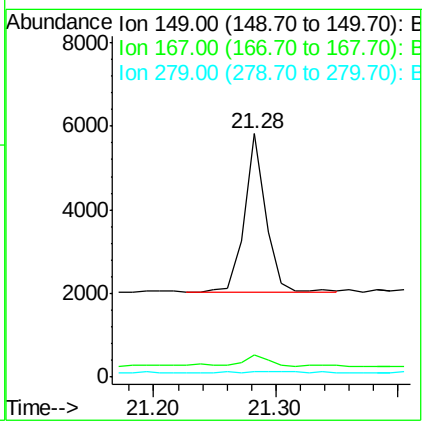


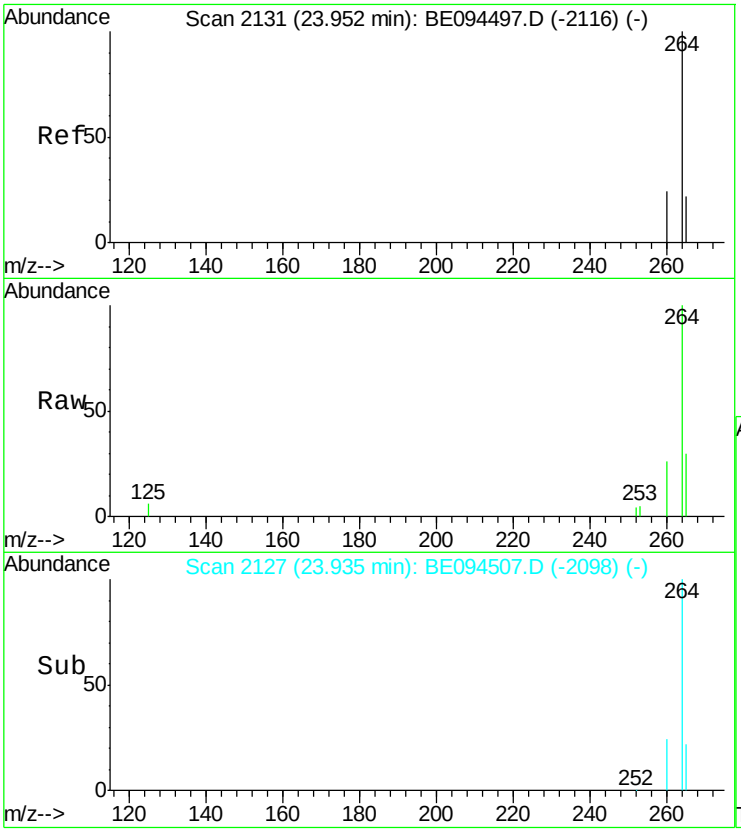


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.06 ng
RT: 21.28 min Scan# 1643
Delta R.T. -0.01 min
Lab File: BE094507.D
Acq: 23 Oct 2017 22:14

Tgt Ion:149 Resp: 4661

Ion	Ratio	Lower	Upper
149	100		
167	7.6	5.4	8.0
279	1.6	0.7	1.1#





#34
Perylene-d12
Concen: 0.40 ng
RT: 23.93 min Scan# 2127
Delta R.T. -0.02 min
Lab File: BE094507.D
Acq: 23 Oct 2017 22:14

Instrument :
BNA_E
ClientSampleId :
20170724-C-A-COMP3

Tgt Ion:264 Resp: 9906

Ion	Ratio	Lower	Upper
264	100		
260	25.8	20.5	30.7
265	29.7	22.8	34.2