Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE100417\
Data File : BE094171.D
Acq On : 4 Oct 2017 19:40
Operator : SJ/JU
Sample : I5496-04
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Oct 04 20:21:45 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE092517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 29 13:57:50 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	3029	0.40	ng	0.00
7) Naphthalene-d8	10.69	136	15405	0.40	ng	0.00
13) Acenaphthene-d10	14.51	164	9516	0.40	ng	0.00
19) Phenanthrene-d10	17.23	188	26475	0.40	ng	0.00
27) Chrysene-d12	21.40	240	23638	0.40	ng	0.00
34) Perylene-d12	23.90	264	22179	0.40	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.50	112	56586	4.93	ng	0.00
5) Phenol-d6	7.08	99	69186	4.34	ng	0.00
8) Nitrobenzene-d5	9.04	82	194003	13.01	ng	-0.02
11) 2-Methylnaphthalene-d10	12.25	152	22	0.00	ng	-0.02
14) 2,4,6-Tribromophenol	16.00	330	38261	7.71	ng	0.00
15) 2-Fluorobiphenyl	13.13	172	370661	11.79	ng	0.00
25) Fluoranthene-d10	19.30	212	472	0.00	ng	0.03
29) Terphenyl-d14	19.84	244	481054	11.15	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.41	88	349	0.059	ng	# 1
3) n-Nitrosodimethylamine	3.65	42	289	0.038	ng	# 1
23) Phenanthrene	17.27	178	2398	0.035	ng	# 82
26) Fluoranthene	19.29	202	2222	0.029	ng	# 90
28) Pyrene	19.65	202	4785	0.064	ng	# 95
30) Benzo(a)anthracene	21.38	228	1683	0.021	ng	# 76
31) Chrysene	21.44	228	2003	0.026	ng	# 82
32) Bis(2-ethylhexyl)phthalate	21.29	149	161836	0.607	ng	100
35) Benzo(b)fluoranthene	23.14	252	1730	0.022	ng	# 4
36) Benzo(k)fluoranthene	23.14	252	1730	0.023	ng	# 6

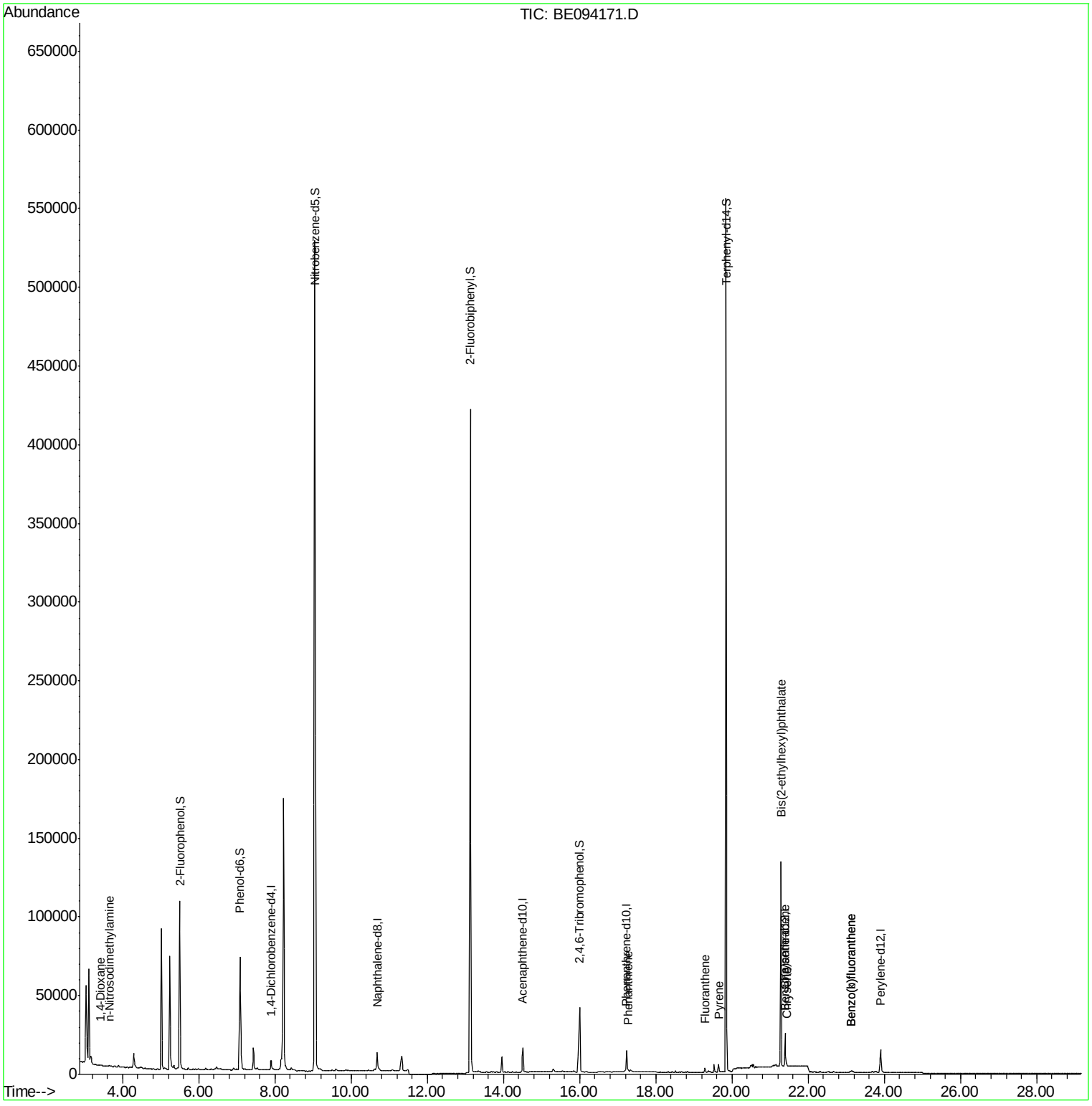
(#) = qualifier out of range (m) = manual integration (+) = signals summed

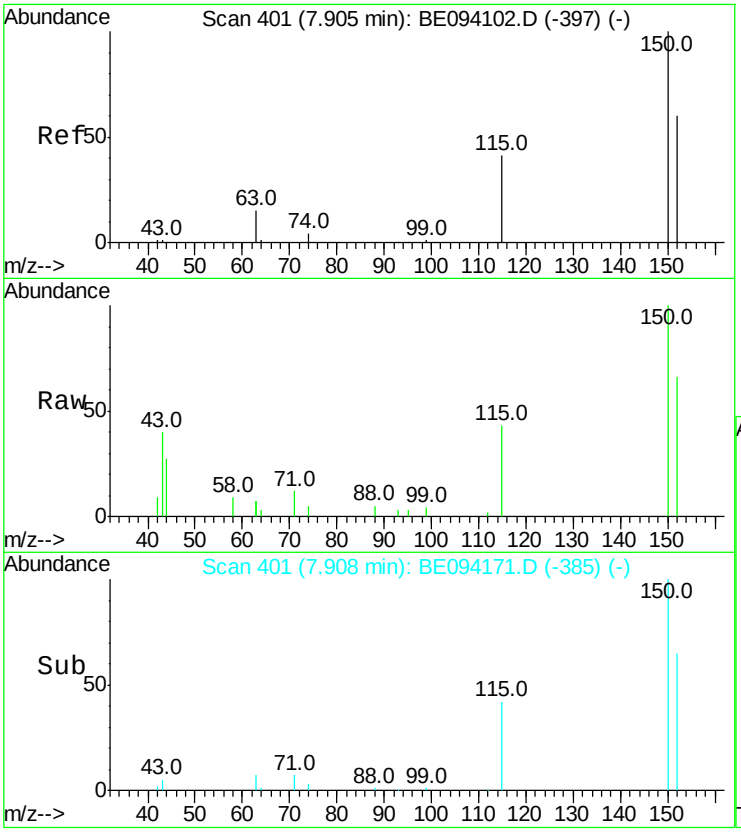
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE100417\
Data File : BE094171.D
Acq On : 4 Oct 2017 19:40
Operator : SJ/JU
Sample : I5496-04
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Oct 04 20:21:45 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE092517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 29 13:57:50 2017
Response via : Initial Calibration



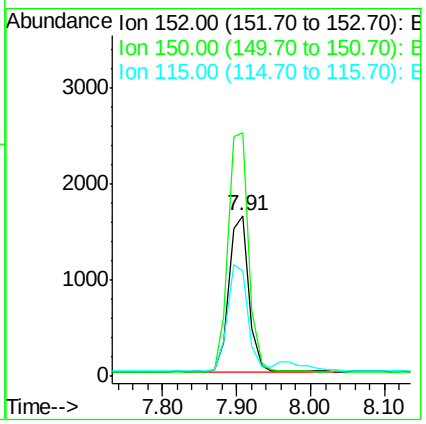


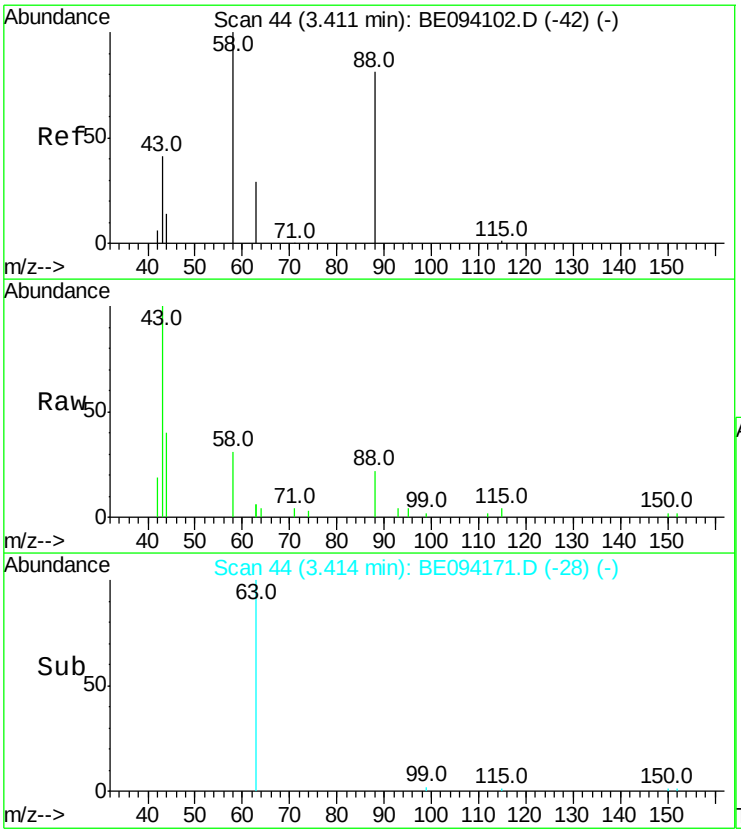
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.91 min Scan# 401
Delta R.T. 0.00 min
Lab File: BE094171.D
Acq: 4 Oct 2017 19:40

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 3029

Ion	Ratio	Lower	Upper
152	100		
150	151.4	117.2	175.8
115	65.6	57.0	85.6

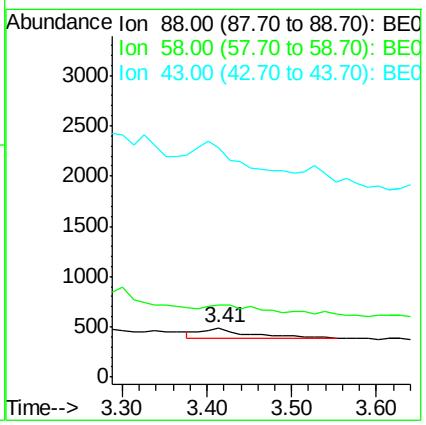


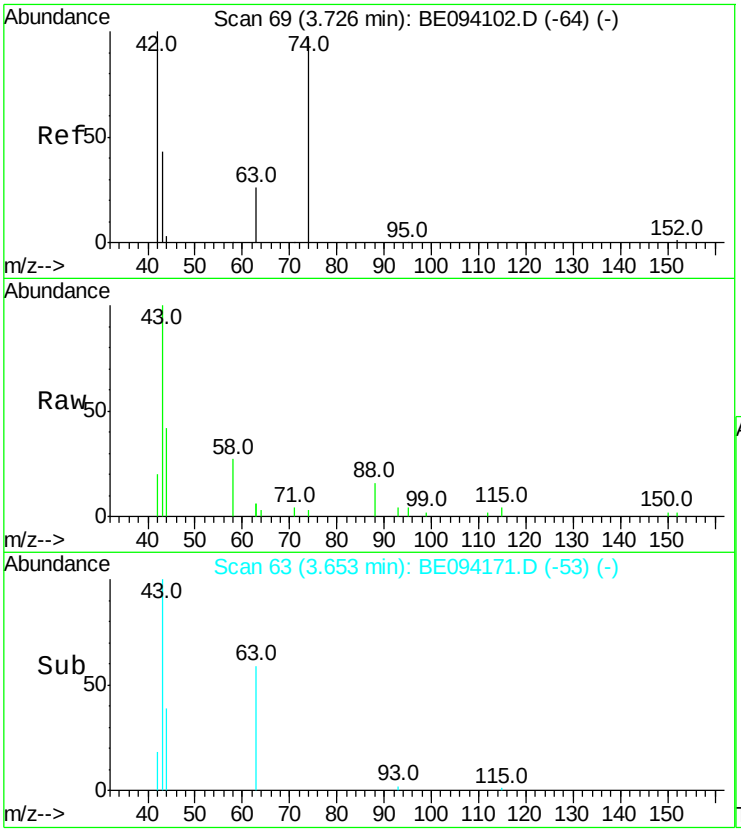


#2
1,4-Dioxane
Concen: 0.059 ng
RT: 3.41 min Scan# 44
Delta R.T. 0.00 min
Lab File: BE094171.D
Acq: 4 Oct 2017 19:40

Tgt Ion: 88 Resp: 349

Ion	Ratio	Lower	Upper
88	100		
58	159.3	63.2	94.8#
43	291.4	41.2	61.8#



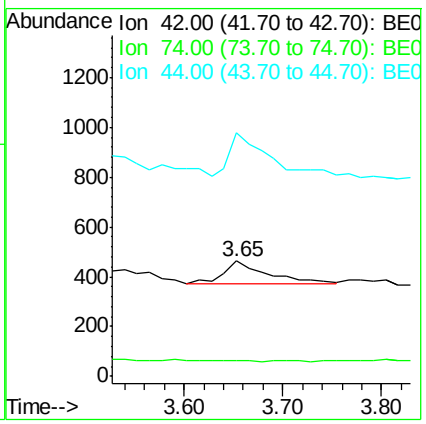


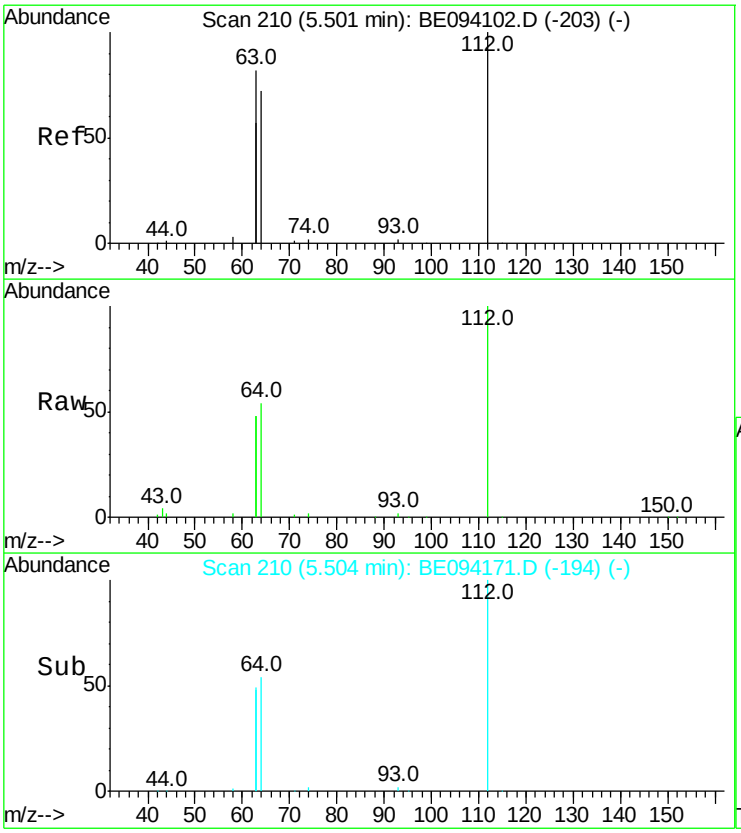
#3
n-Nitrosodimethylamine
Concen: 0.038 ng
RT: 3.65 min Scan# 63
Delta R.T. -0.07 min
Lab File: BE094171.D
Acq: 4 Oct 2017 19:40

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 42 Resp: 289

Ion	Ratio	Lower	Upper
42	100		
74	0.0	100.3	150.5#
44	205.9	17.0	25.4#

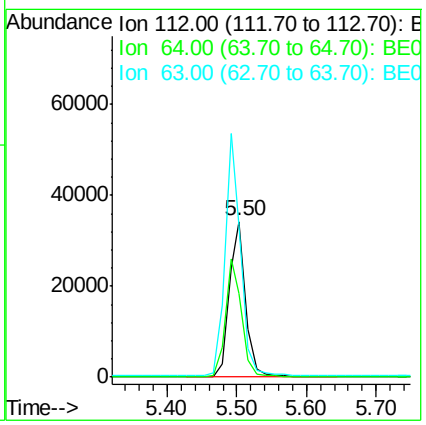


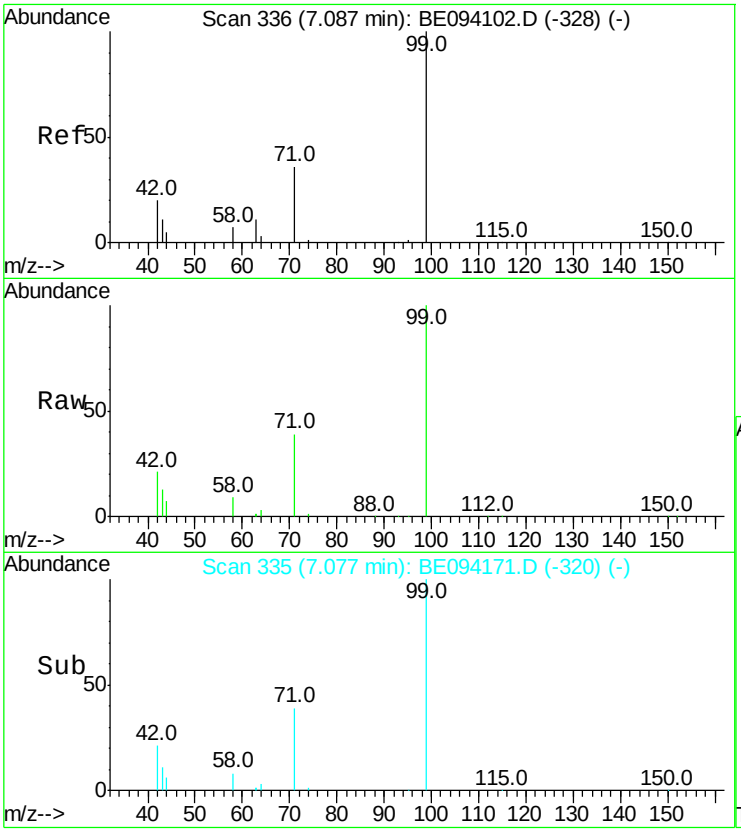


#4
2-Fluorophenol
Concen: 4.928 ng
RT: 5.50 min Scan# 210
Delta R.T. 0.00 min
Lab File: BE094171.D
Acq: 4 Oct 2017 19:40

Tgt Ion:112 Resp: 56586

Ion	Ratio	Lower	Upper
112	100		
64	75.5	60.1	90.1
63	149.5	116.8	175.2



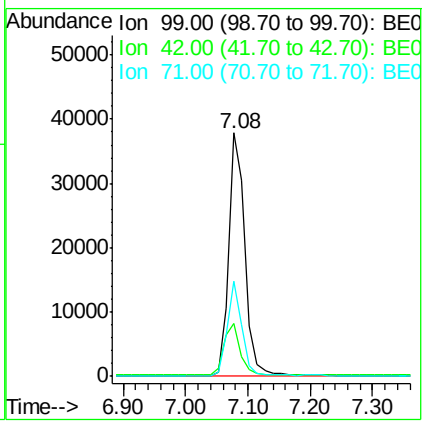


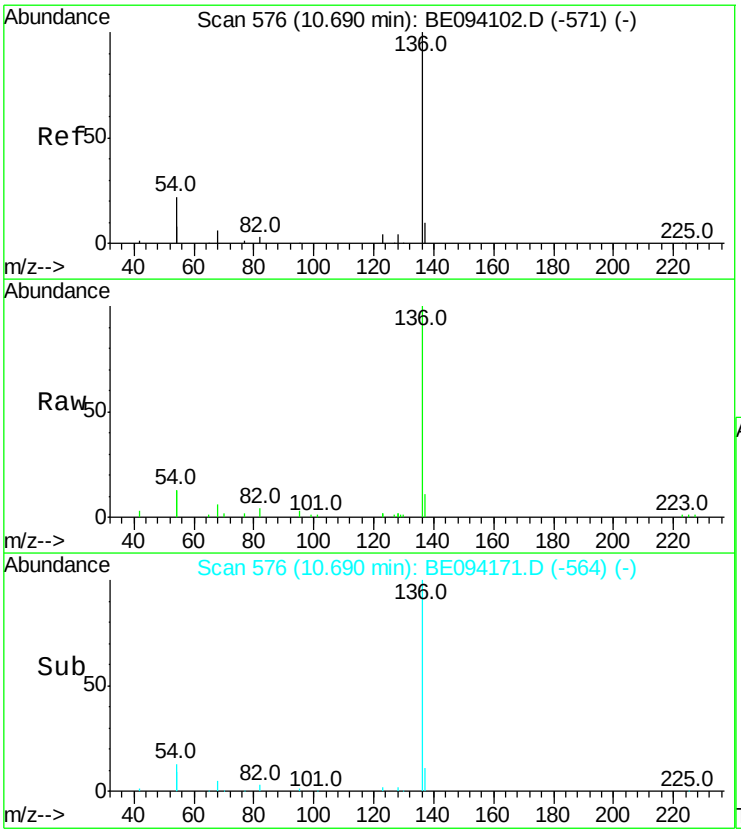
#5
Phenol-d6
Concen: 4.338 ng
RT: 7.08 min Scan# 335
Delta R.T. -0.01 min
Lab File: BE094171.D
Acq: 4 Oct 2017 19:40

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 99 Resp: 69186

Ion	Ratio	Lower	Upper
99	100		
42	21.2	20.2	30.2
71	35.2	28.4	42.6

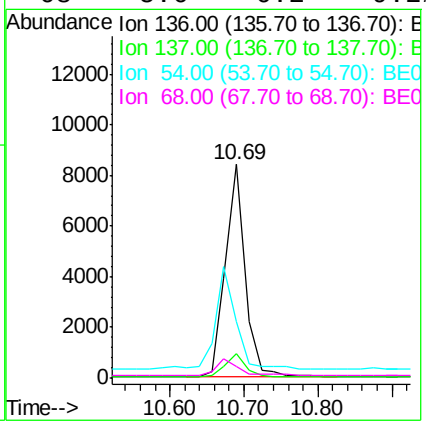


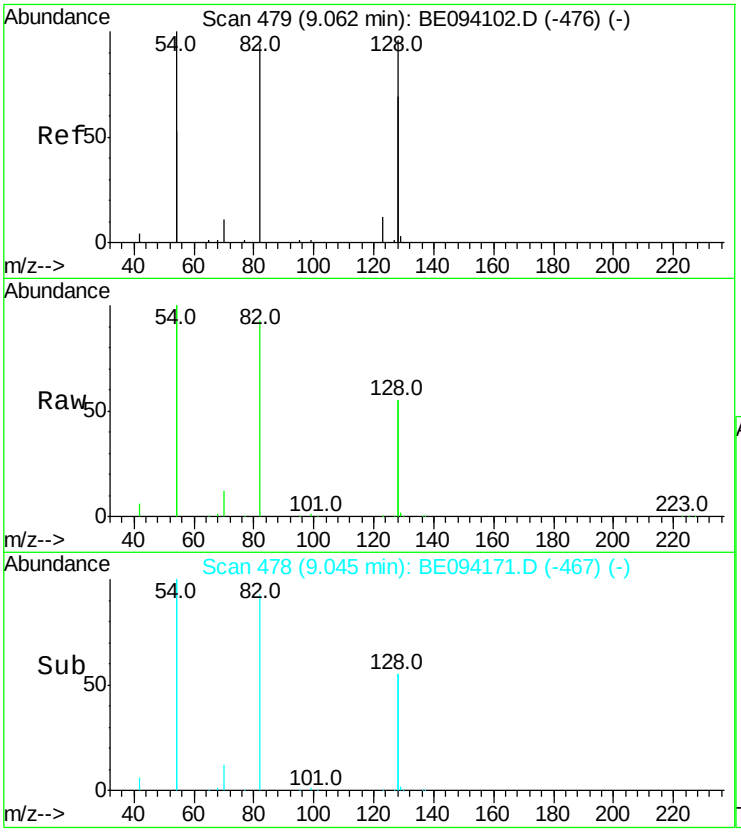


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.69 min Scan# 576
Delta R.T. -0.00 min
Lab File: BE094171.D
Acq: 4 Oct 2017 19:40

Tgt Ion:136 Resp: 15405

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.5	14.3
54	26.2	29.1	43.7#
68	5.6	6.2	9.2#



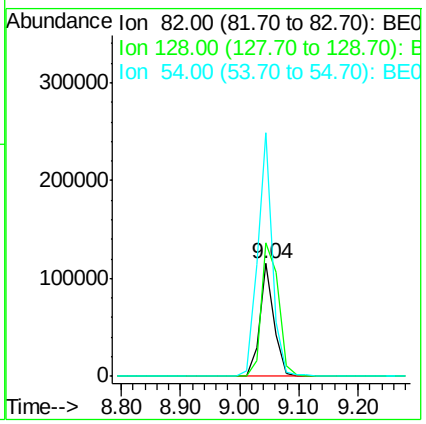


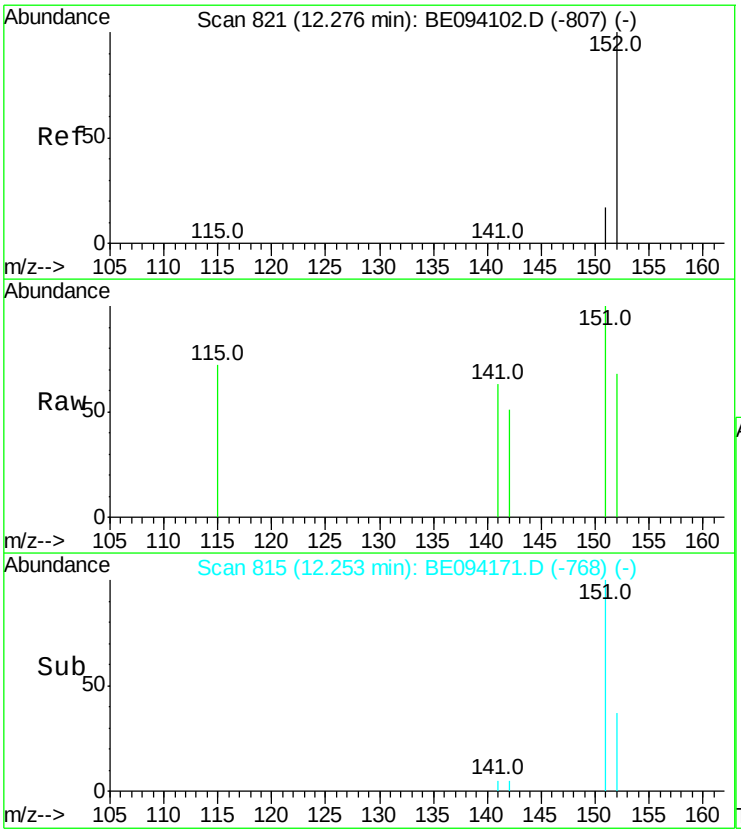
#8
Nitrobenzene-d5
Concen: 13.014 ng
RT: 9.04 min Scan# 478
Delta R.T. -0.02 min
Lab File: BE094171.D
Acq: 4 Oct 2017 19:40

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 82 Resp: 194003

Ion	Ratio	Lower	Upper
82	100		
128	118.3	150.0	225.0#
54	215.8	154.2	231.4

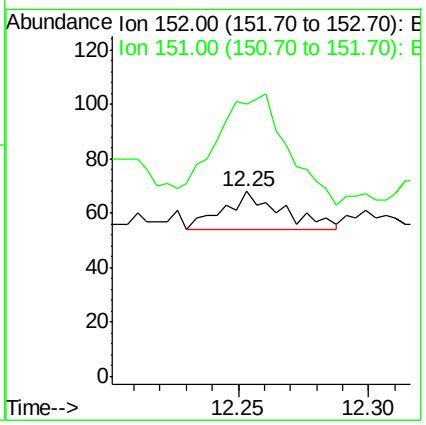


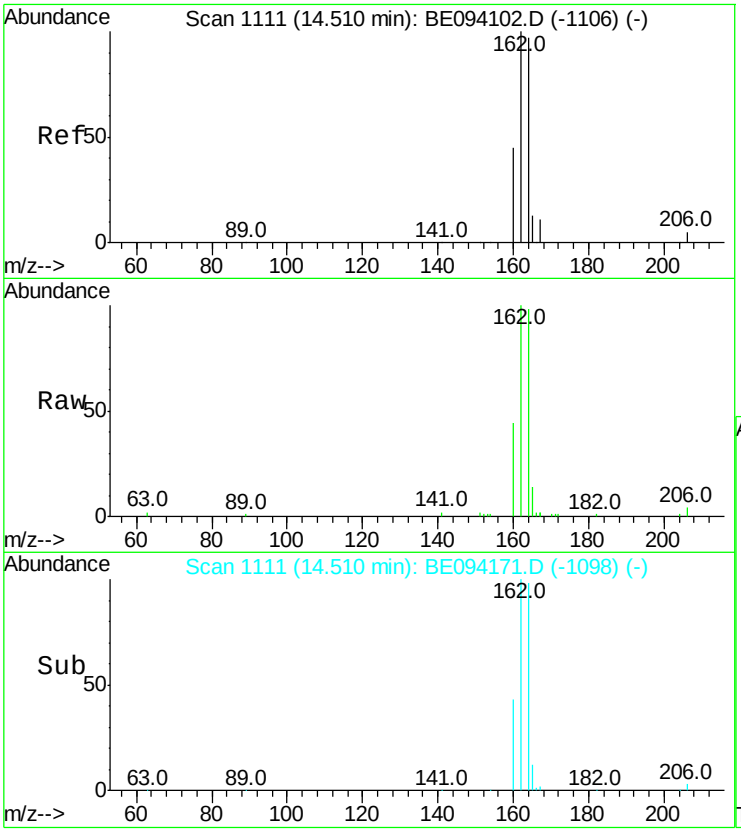


#11
2-Methylnaphthalene-d10
Concen: 0.001 ng
RT: 12.25 min Scan# 815
Delta R.T. -0.02 min
Lab File: BE094171.D
Acq: 4 Oct 2017 19:40

Tgt Ion:152 Resp: 22

Ion	Ratio	Lower	Upper
152	100		
151	354.5	15.4	23.0#



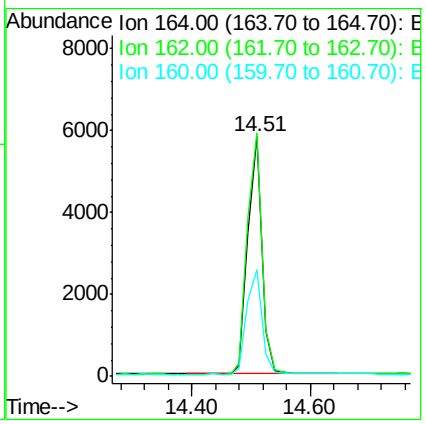


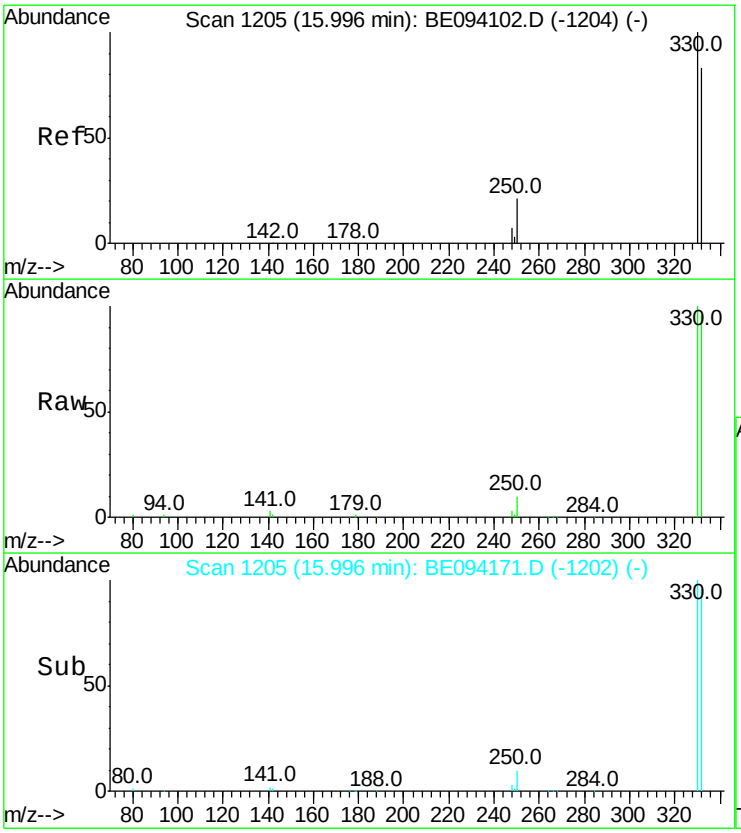
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.51 min Scan# 1111
Delta R.T. -0.00 min
Lab File: BE094171.D
Acq: 4 Oct 2017 19:40

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:164 Resp: 9516

Ion	Ratio	Lower	Upper
164	100		
162	101.6	83.1	124.7
160	44.3	37.1	55.7

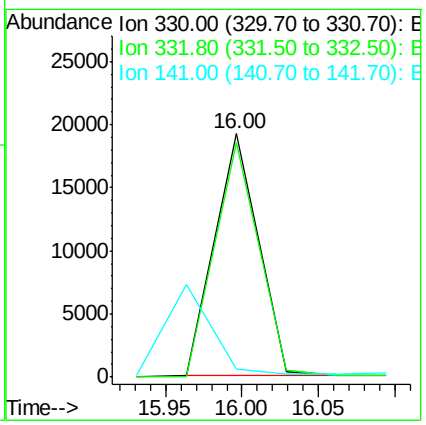


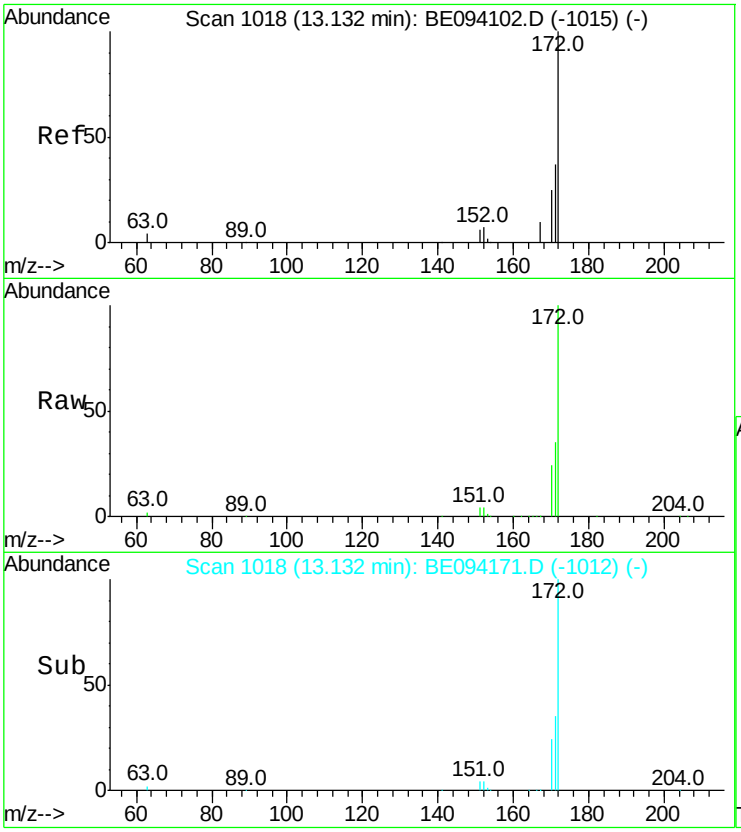


#14
2,4,6-Tribromophenol
Concen: 7.707 ng
RT: 16.00 min Scan# 1205
Delta R.T. 0.00 min
Lab File: BE094171.D
Acq: 4 Oct 2017 19:40

Tgt Ion:330 Resp: 38261

Ion	Ratio	Lower	Upper
330	100		
332	97.1	152.7	229.1#
141	0.0	33.7	50.5#



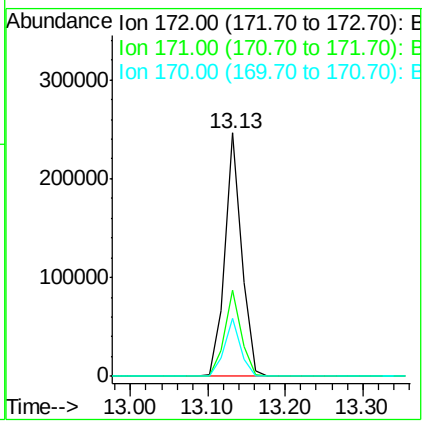


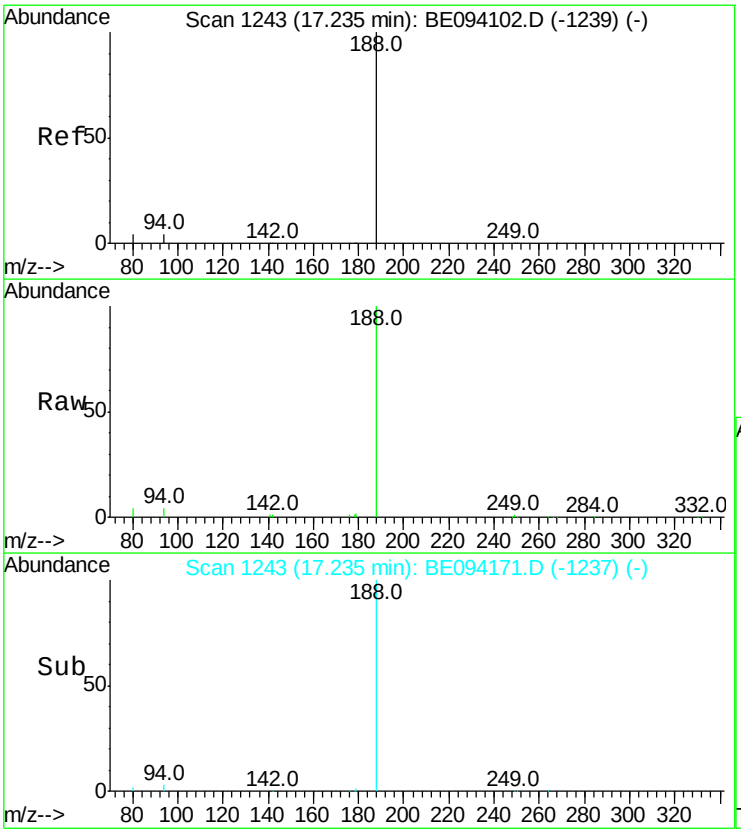
#15
2-Fluorobiphenyl
Concen: 11.789 ng
RT: 13.13 min Scan# 1018
Delta R.T. -0.00 min
Lab File: BE094171.D
Acq: 4 Oct 2017 19:40

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:172 Resp: 370661

Ion	Ratio	Lower	Upper
172	100		
171	35.3	29.9	44.9
170	23.7	21.8	32.8

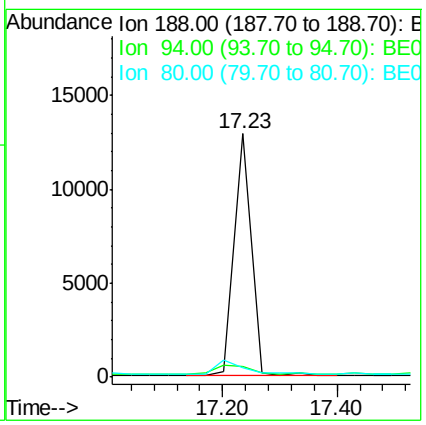


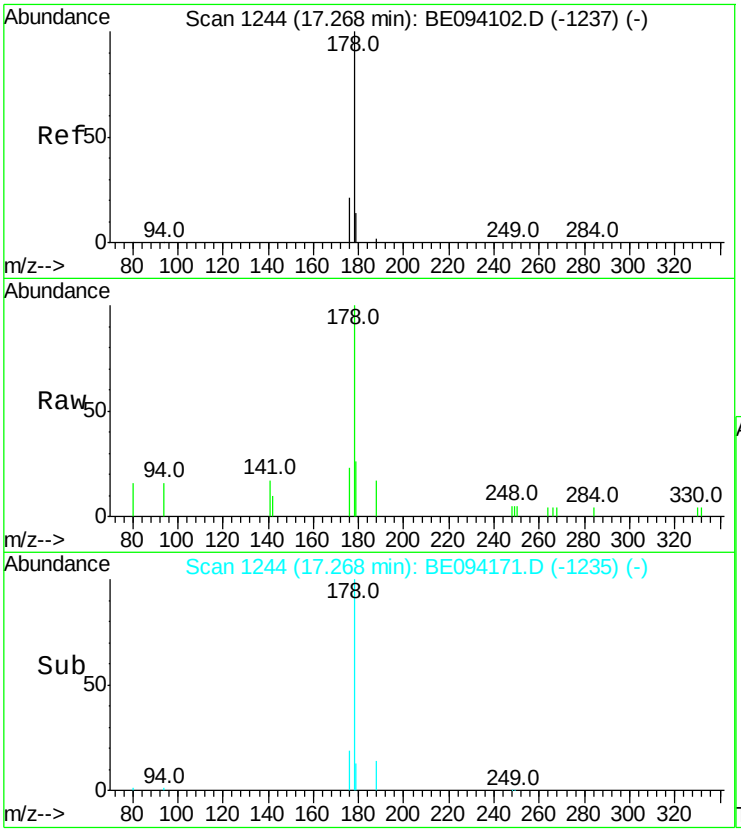


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.23 min Scan# 1243
Delta R.T. -0.00 min
Lab File: BE094171.D
Acq: 4 Oct 2017 19:40

Tgt Ion:188 Resp: 26475

Ion	Ratio	Lower	Upper
188	100		
94	4.4	3.9	5.9
80	3.9	3.6	5.4



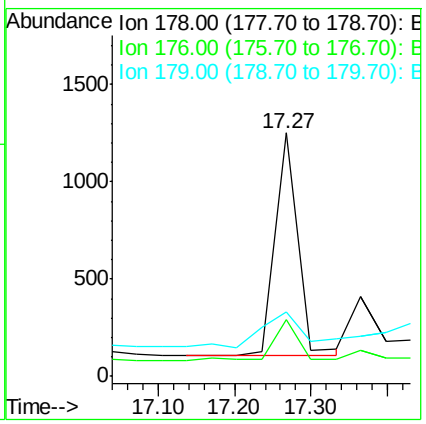


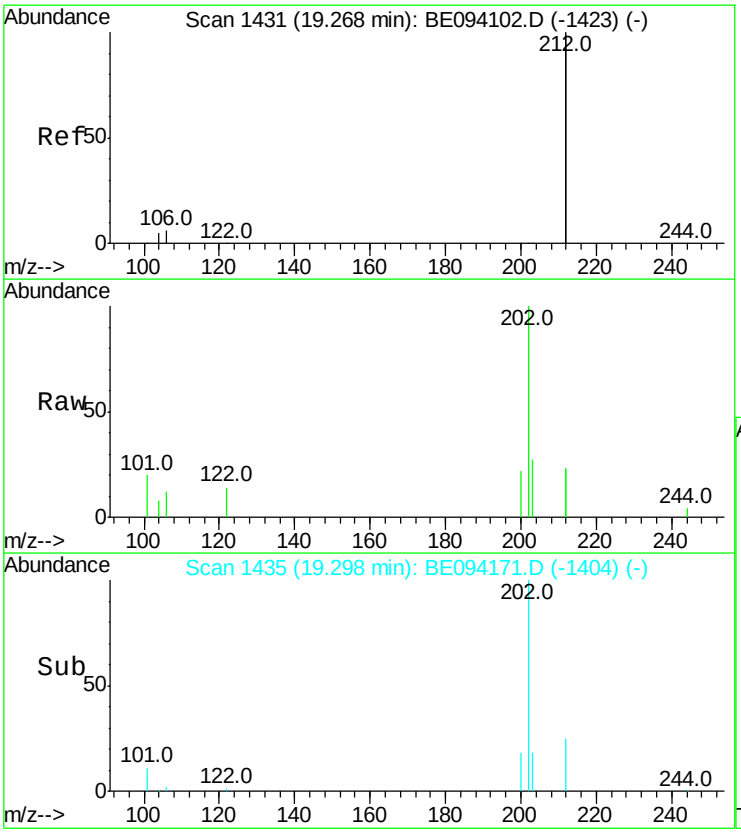
#23
Phenanthrene
Concen: 0.035 ng
RT: 17.27 min Scan# 1244
Delta R.T. -0.00 min
Lab File: BE094171.D
Acq: 4 Oct 2017 19:40

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 2398

Ion	Ratio	Lower	Upper
178	100		
176	21.3	15.1	22.7
179	28.8	11.8	17.6#

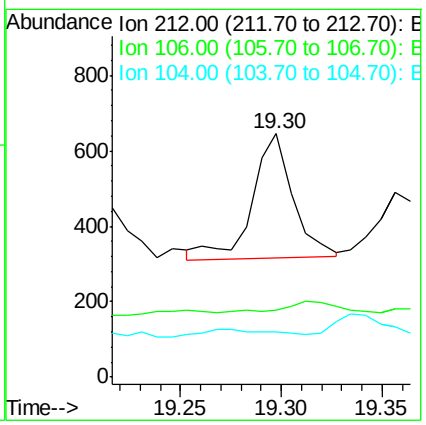


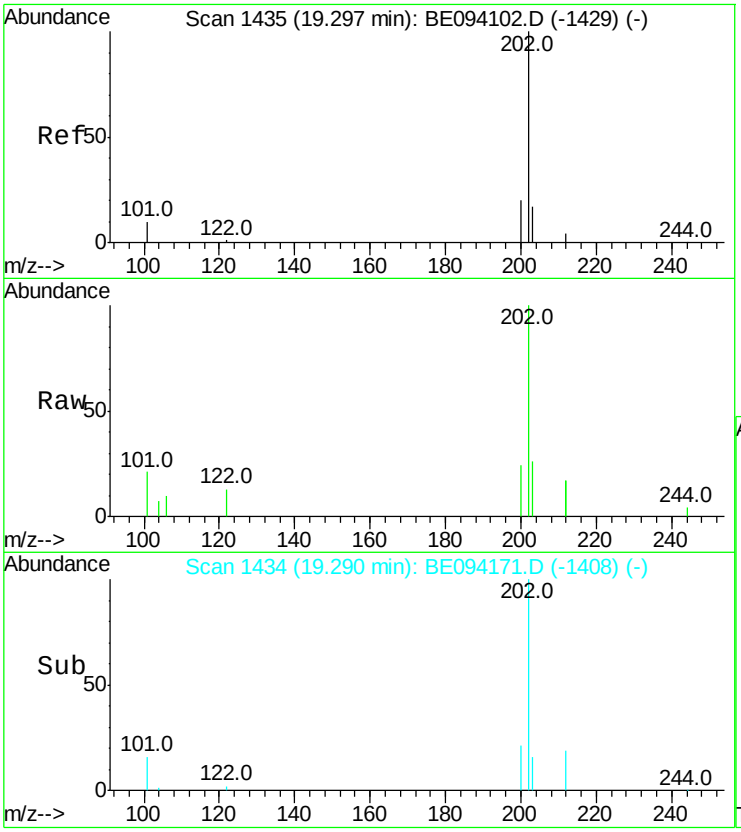


#25
Fluoranthene-d10
Concen: 0.002 ng
RT: 19.30 min Scan# 1435
Delta R.T. 0.03 min
Lab File: BE094171.D
Acq: 4 Oct 2017 19:40

Tgt Ion:212 Resp: 472

Ion	Ratio	Lower	Upper
212	100		
106	10.2	2.8	4.2#
104	0.0	1.6	2.4#



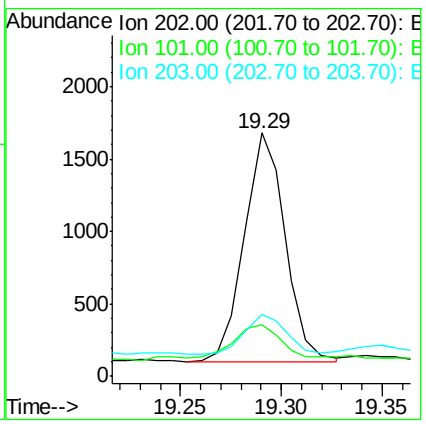


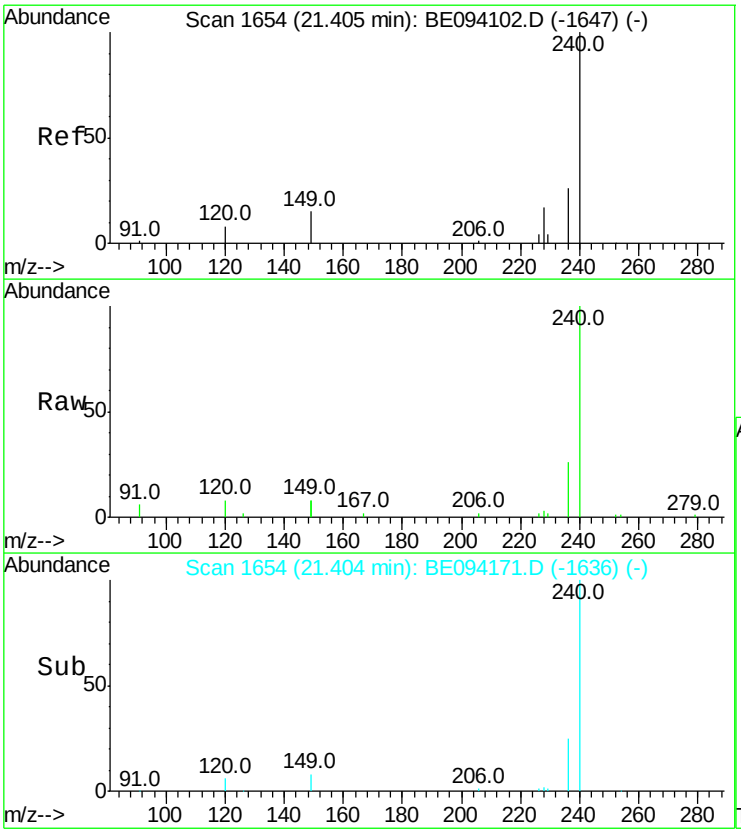
#26
Fluoranthene
Concen: 0.029 ng
RT: 19.29 min Scan# 1434
Delta R.T. -0.01 min
Lab File: BE094171.D
Acq: 4 Oct 2017 19:40

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:202 Resp: 2222

Ion	Ratio	Lower	Upper
202	100		
101	20.3	9.8	14.8#
203	18.4	13.7	20.5

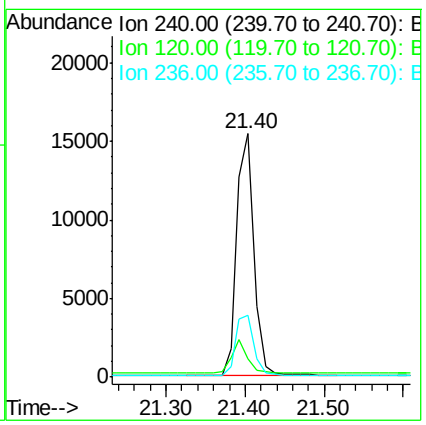


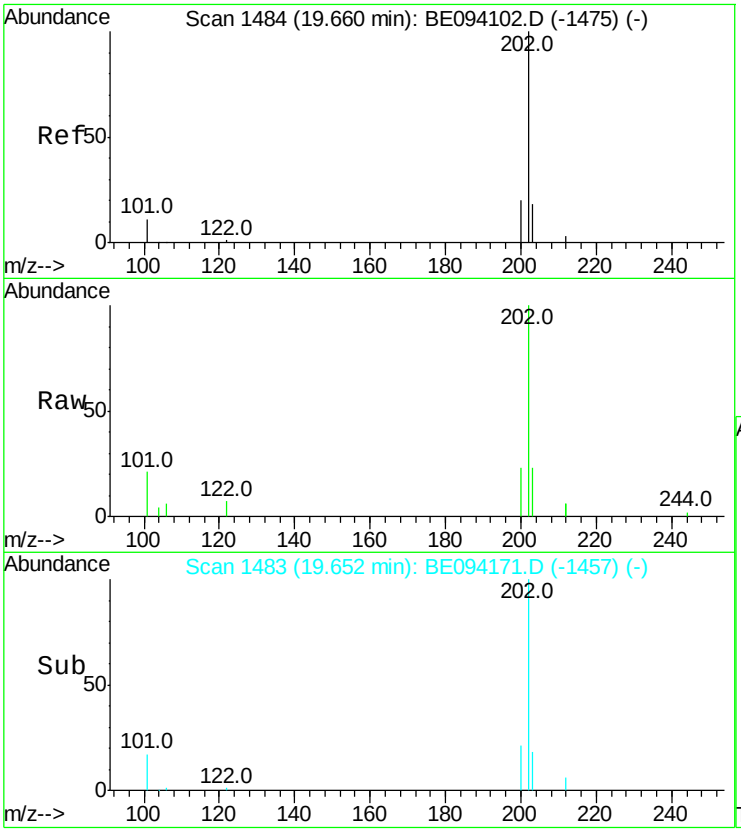


#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.40 min Scan# 1654
Delta R.T. -0.00 min
Lab File: BE094171.D
Acq: 4 Oct 2017 19:40

Tgt Ion:240 Resp: 23638

Ion	Ratio	Lower	Upper
240	100		
120	7.8	5.5	8.3
236	25.6	20.7	31.1



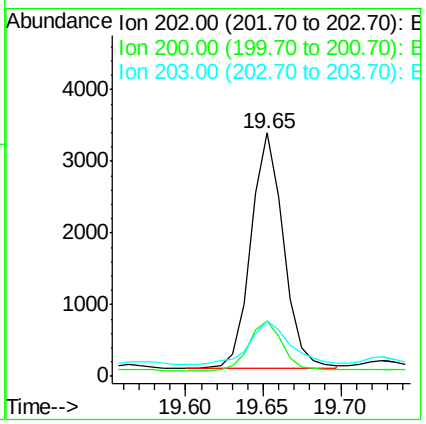


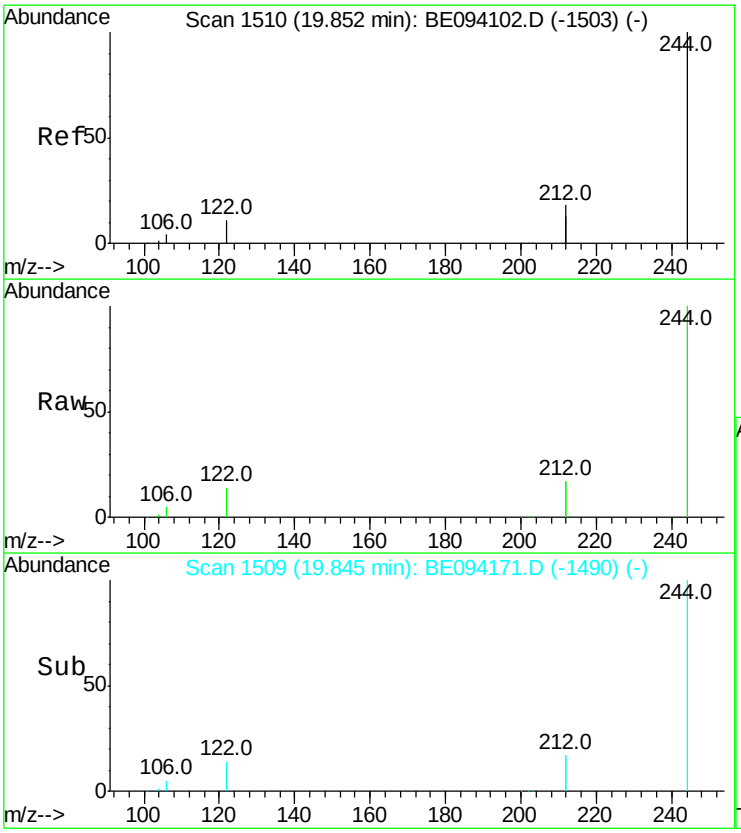
#28
Pyrene
Concen: 0.064 ng
RT: 19.65 min Scan# 1483
Delta R.T. -0.01 min
Lab File: BE094171.D
Acq: 4 Oct 2017 19:40

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:202 Resp: 4785

Ion	Ratio	Lower	Upper
202	100		
200	21.2	16.6	25.0
203	21.7	13.8	20.8#

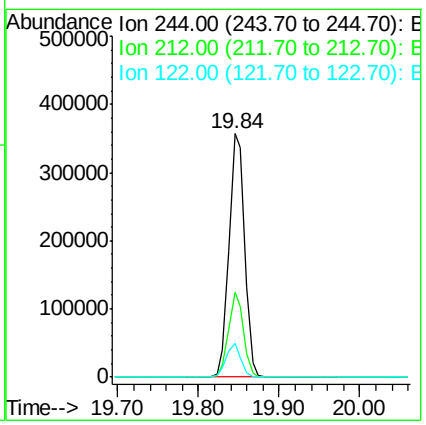


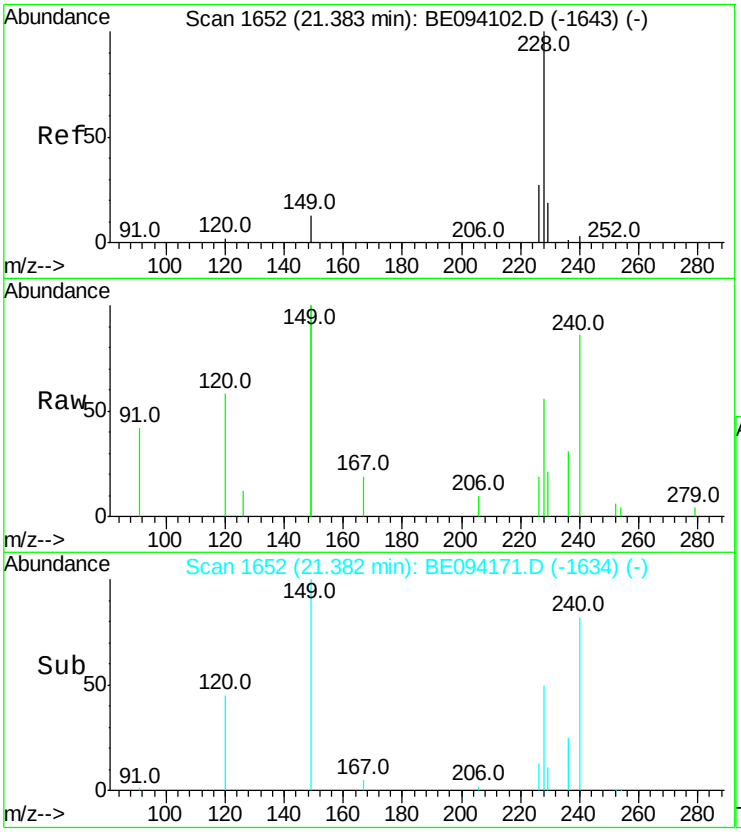


#29
Terphenyl-d14
Concen: 11.154 ng
RT: 19.84 min Scan# 1509
Delta R.T. -0.01 min
Lab File: BE094171.D
Acq: 4 Oct 2017 19:40

Tgt Ion:244 Resp: 481054

Ion	Ratio	Lower	Upper
244	100		
212	34.7	25.4	38.0
122	13.8	8.1	12.1#



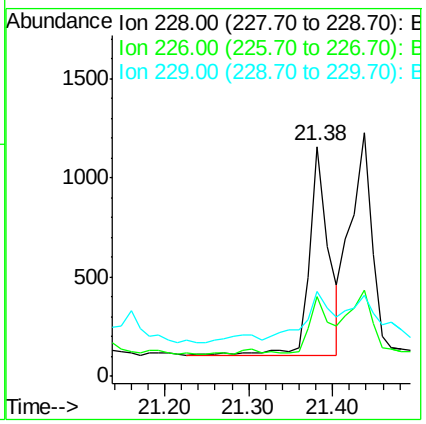


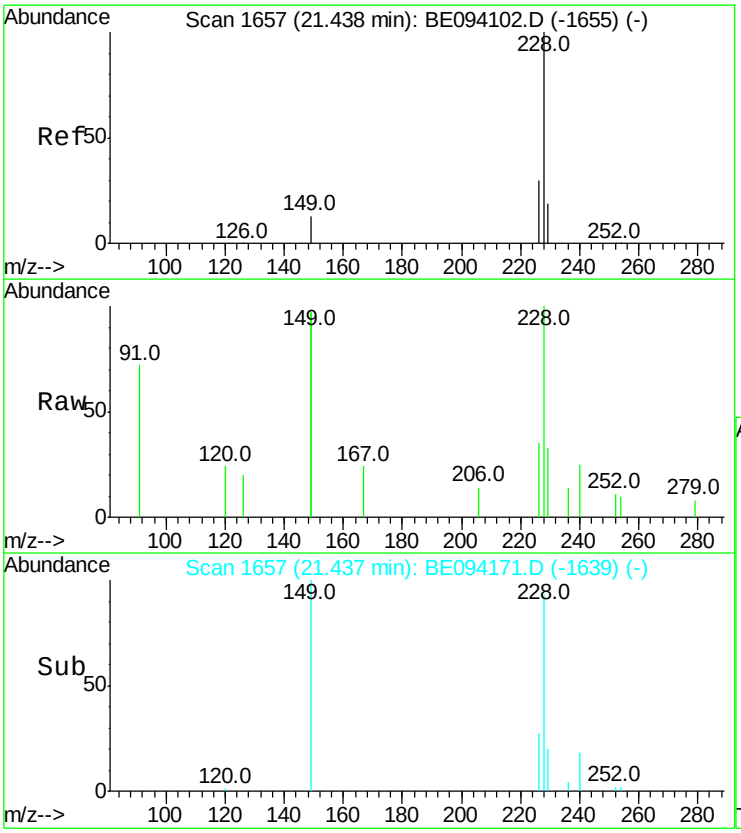
#30
Benzo(a)anthracene
Concen: 0.021 ng
RT: 21.38 min Scan# 1652
Delta R.T. -0.00 min
Lab File: BE094171.D
Acq: 4 Oct 2017 19:40

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 1683

Ion	Ratio	Lower	Upper
228	100		
226	34.8	21.4	32.0#
229	37.0	16.4	24.6#

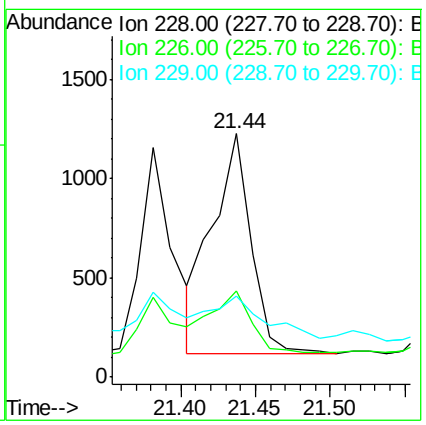


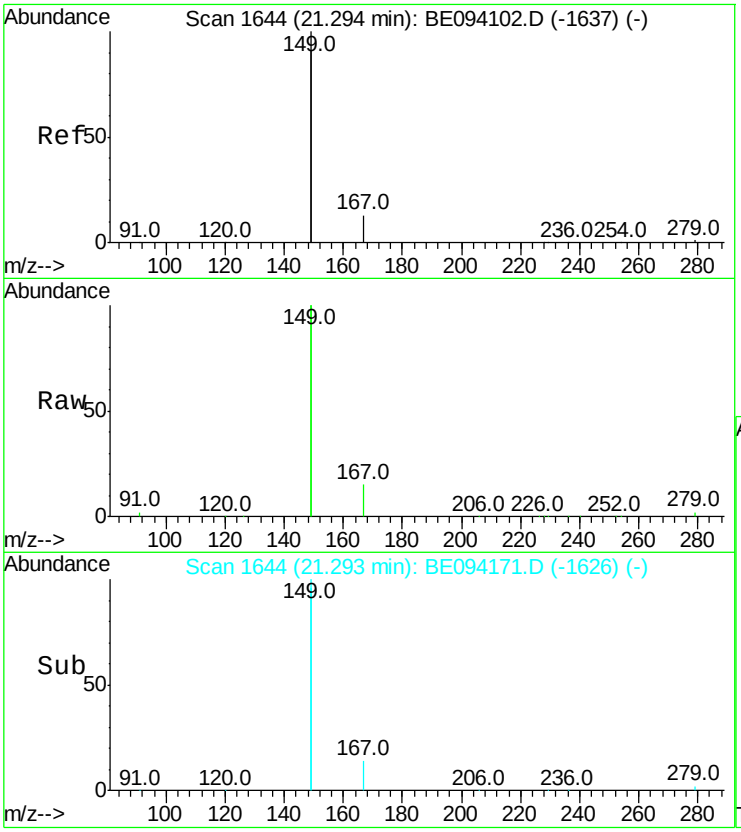


#31
Chrysene
Concen: 0.026 ng
RT: 21.44 min Scan# 1657
Delta R.T. -0.00 min
Lab File: BE094171.D
Acq: 4 Oct 2017 19:40

Tgt Ion:228 Resp: 2003

Ion	Ratio	Lower	Upper
228	100		
226	35.3	23.6	35.4
229	33.4	16.4	24.6#



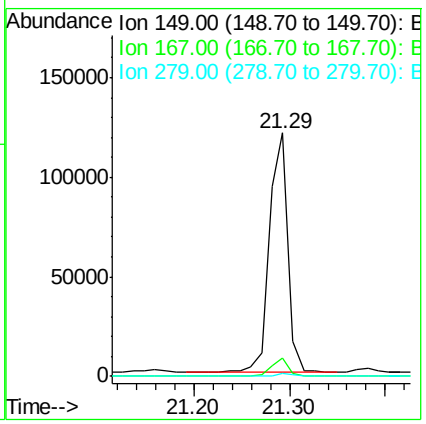


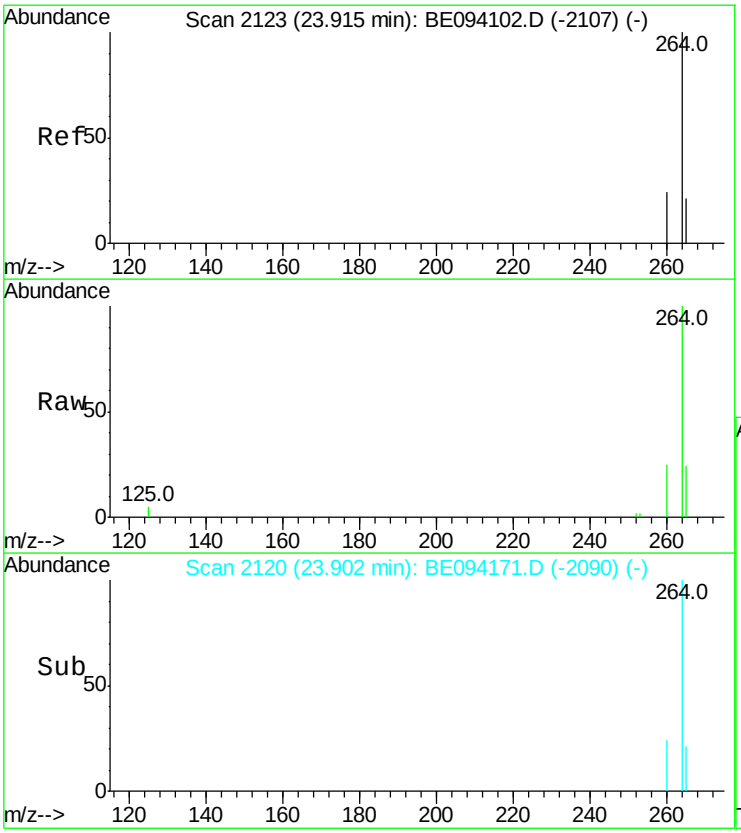
#32
Bis(2-ethylhexyl)phthalate
Concen: 0.607 ng
RT: 21.29 min Scan# 1644
Delta R.T. -0.00 min
Lab File: BE094171.D
Acq: 4 Oct 2017 19:40

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:149 Resp: 161836

Ion	Ratio	Lower	Upper
149	100		
167	6.7	5.4	8.0
279	0.9	0.7	1.1

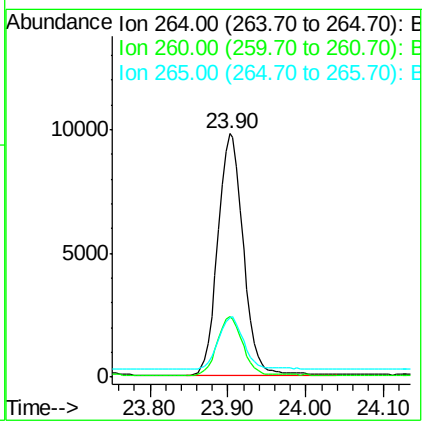


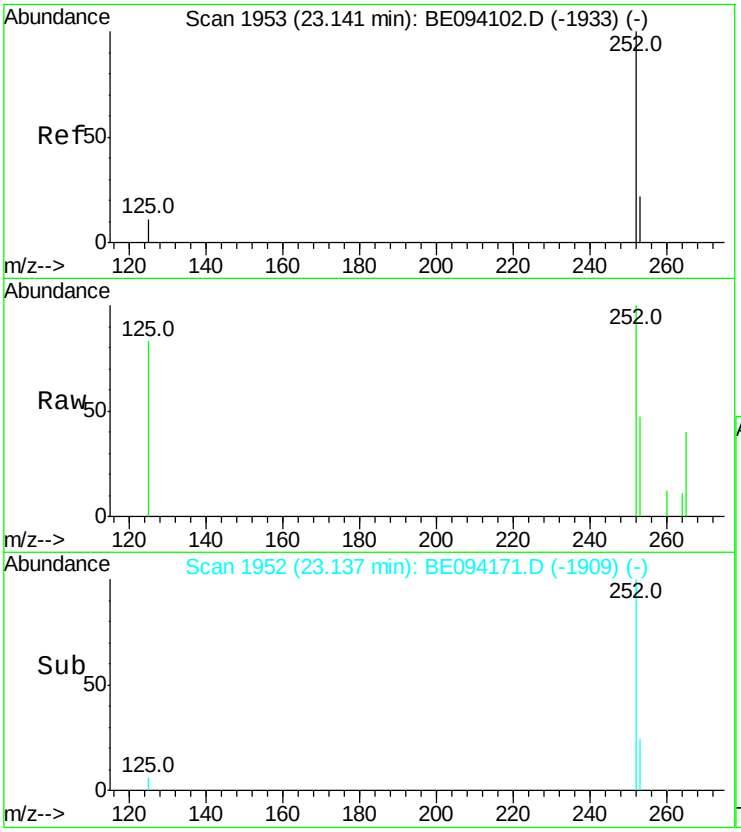


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.90 min Scan# 2120
Delta R.T. -0.01 min
Lab File: BE094171.D
Acq: 4 Oct 2017 19:40

Tgt Ion:264 Resp: 22179

Ion	Ratio	Lower	Upper
264	100		
260	24.7	20.5	30.7
265	24.4	22.8	34.2



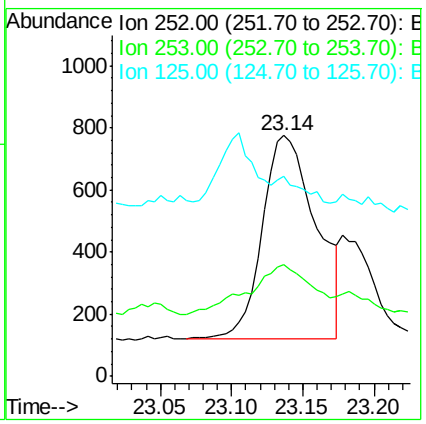


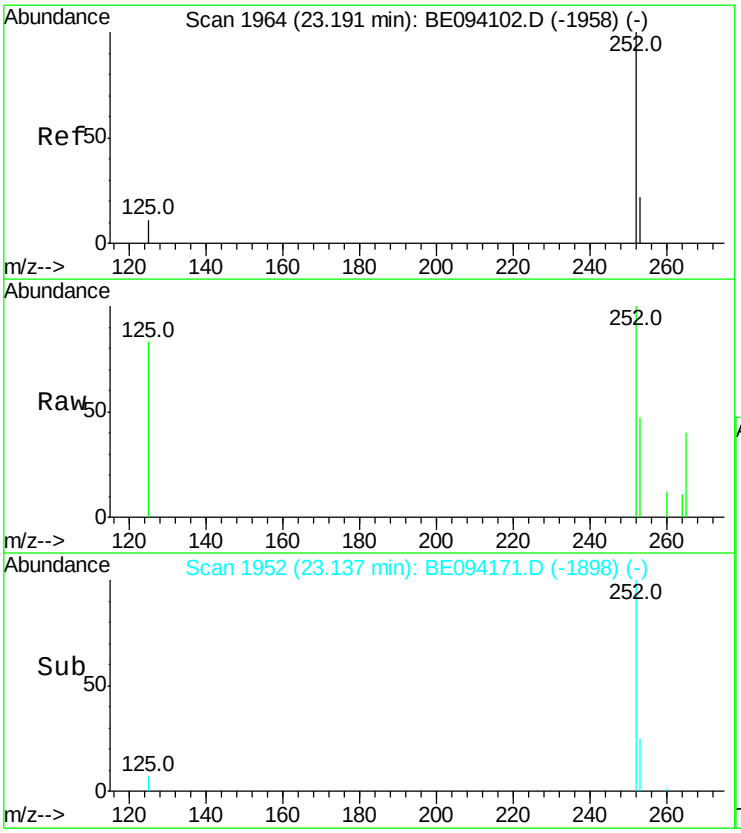
#35
Benzo(b)fluoranthene
Concen: 0.022 ng
RT: 23.14 min Scan# 1952
Delta R.T. -0.00 min
Lab File: BE094171.D
Acq: 4 Oct 2017 19:40

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 1730

Ion	Ratio	Lower	Upper
252	100		
253	46.5	18.2	27.2#
125	83.2	10.1	15.1#





#36
Benzo(k)fluoranthene
Concen: 0.023 ng
RT: 23.14 min Scan# 1952
Delta R.T. -0.05 min
Lab File: BE094171.D
Acq: 4 Oct 2017 19:40

Tgt Ion:252 Resp: 1730

Ion	Ratio	Lower	Upper
252	100		
253	46.5	18.6	27.8#
125	83.2	10.7	16.1#