Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE111617\
Data File : BE094818.D
Acq On : 15 Nov 2017 17:09
Operator : SJ/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Nov 16 01:52:04 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	7.92	152	782	0.40	ng		0.01
7) Naphthalene-d8	10.72	136	4478	0.40	ng		0.02
13) Acenaphthene-d10	14.53	164	2875	0.40	ng		0.02
19) Phenanthrene-d10	17.27	188	7074	0.40	ng		0.03
27) Chrysene-d12	21.44	240	9187	0.40	ng		0.01
34) Perylene-d12	23.98	264	8635	0.40	ng		0.03
System Monitoring Compounds							
4) 2-Fluorophenol	5.55	112	922	0.34	ng		0.02
5) Phenol-d6	7.20	99	1576	0.39	ng		0.06
8) Nitrobenzene-d5	8.94	82	81	0.02	ng		-0.14
11) 2-Methylnaphthalene-d10	12.31	152	2583	0.36	ng		0.03
14) 2,4,6-Tribromophenol	16.06	330	407	0.51	ng		0.03
15) 2-Fluorobiphenyl	13.16	172	3514	0.35	ng		0.02
25) Fluoranthene-d10	19.30	212	36993	0.43	ng		0.01
29) Terphenyl-d14	19.87	244	6298	0.36	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.40	88	600	0.45	ng	#	83
3) n-Nitrosodimethylamine	3.75	42	452	0.36	ng	#	66
6) bis(2-Chloroethyl)ether	7.36	93	993	0.32	ng		77
9) Naphthalene	10.77	128	18141	0.36	ng		99
10) Hexachlorobutadiene	10.99	225	755	0.41	ng		96
12) 2-Methylnaphthalene	12.39	142	3053	0.36	ng		99
16) Acenaphthylene	14.24	152	5350	0.35	ng		99
17) Acenaphthene	14.58	154	3512	0.36	ng		99
18) Fluorene	15.58	166	4809	0.38	ng		99
20) 4-Bromophenyl-phenylether	16.45	248	1150	0.30	ng	#	60
21) Hexachlorobenzene	16.58	284	1655	0.49	ng	#	83
22) Pentachlorophenol	17.04	266	96	0.22	ng		99
23) Phenanthrene	17.30	178	9399	0.52	ng		97
24) Anthracene	17.40	178	9371	0.45	ng		98
26) Fluoranthene	19.33	202	11080	0.42	ng		98
28) Pyrene	19.69	202	11676	0.36	ng		99
30) Benzo(a)anthracene	21.42	228	11128	0.37	ng	#	62
31) Chrysene	21.47	228	12064	0.40	ng	#	64
32) Bis(2-ethylhexyl)phthalate	21.28	149	26394	0.36	ng		100
33) Indeno(1,2,3-cd)pyrene	26.70	276	10994	0.39	ng		97
35) Benzo(b)fluoranthene	23.20	252	10131	0.36	ng	#	41
36) Benzo(k)fluoranthene	23.25	252	11125	0.37	ng	#	40
37) Benzo(a)pyrene	23.87	252	10376	0.38	ng	#	34
38) Dibenzo(a,h)anthracene	26.69	278	9581	0.39	ng	#	45
39) Benzo(g,h,i)perylene	27.55	276	9514	0.42	ng	#	55

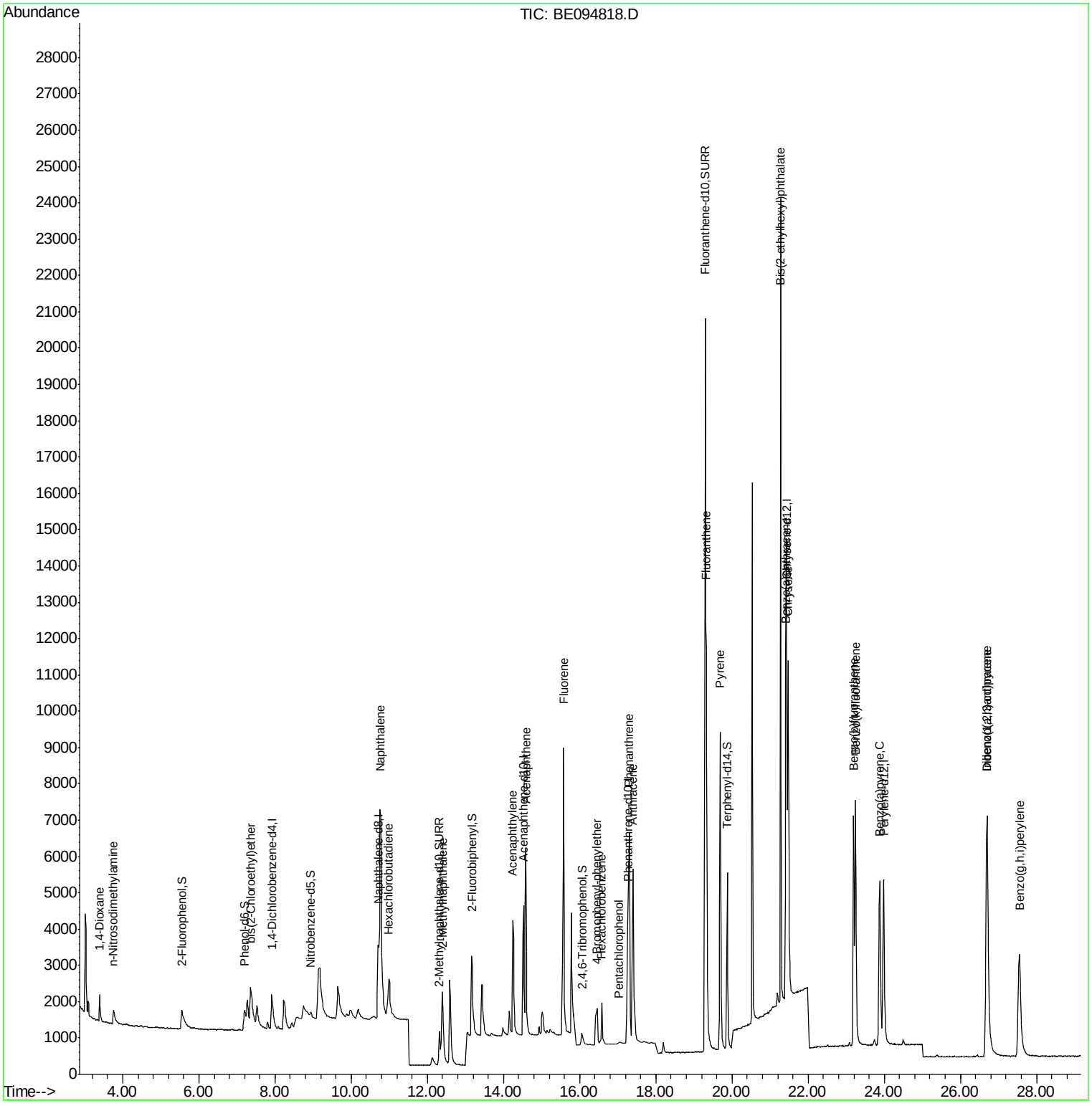
(#) = qualifier out of range (m) = manual integration (+) = signals summed

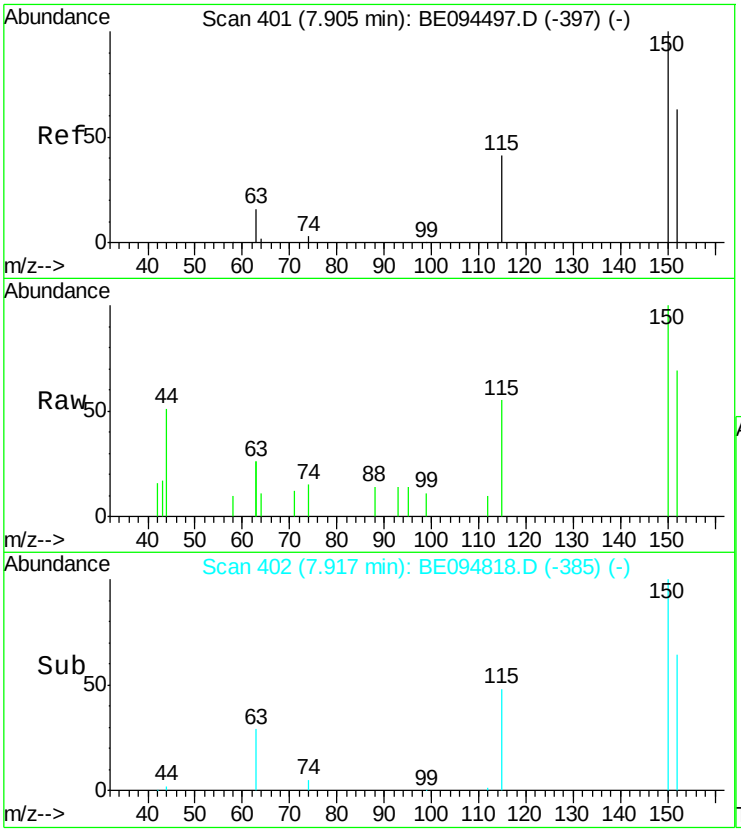
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE111617\
Data File : BE094818.D
Acq On : 15 Nov 2017 17:09
Operator : SJ/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Nov 16 01:52:04 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



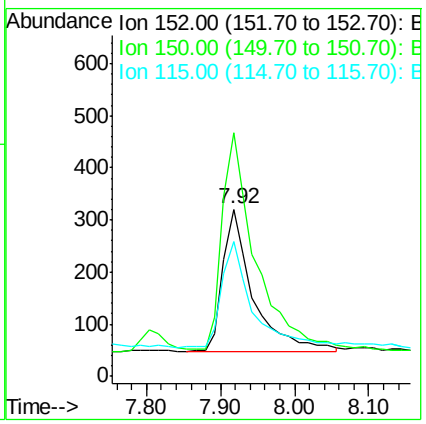


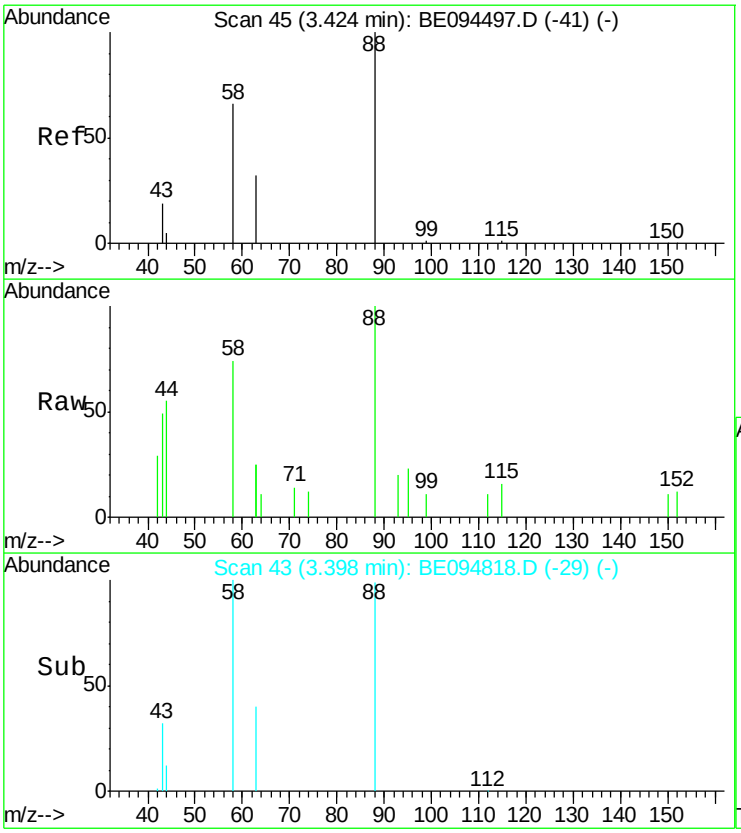
#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.92 min Scan# 402
Delta R.T. 0.01 min
Lab File: BE094818.D
Acq: 15 Nov 2017 17:09

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 782

Ion	Ratio	Lower	Upper
152	100		
150	145.5	117.2	175.8
115	80.7	57.0	85.6

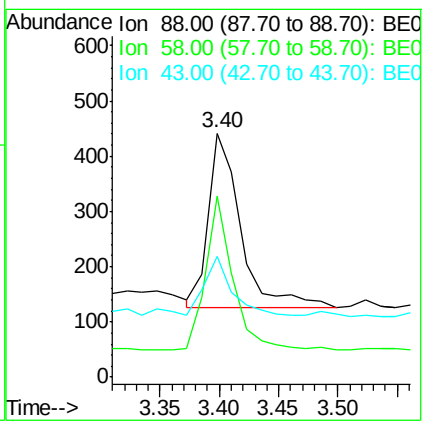


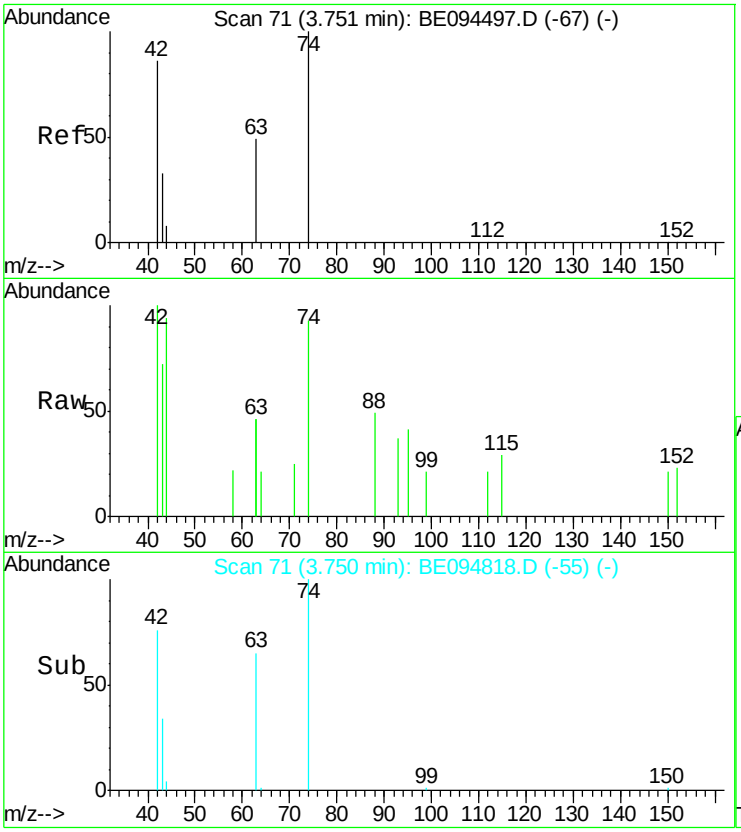


#2
1,4-Dioxane
Concen: 0.45 ng
RT: 3.40 min Scan# 43
Delta R.T. -0.03 min
Lab File: BE094818.D
Acq: 15 Nov 2017 17:09

Tgt Ion: 88 Resp: 600

Ion	Ratio	Lower	Upper
88	100		
58	73.3	63.2	94.8
43	29.0	41.2	61.8#



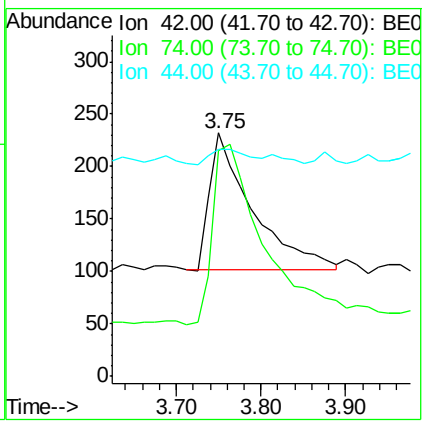


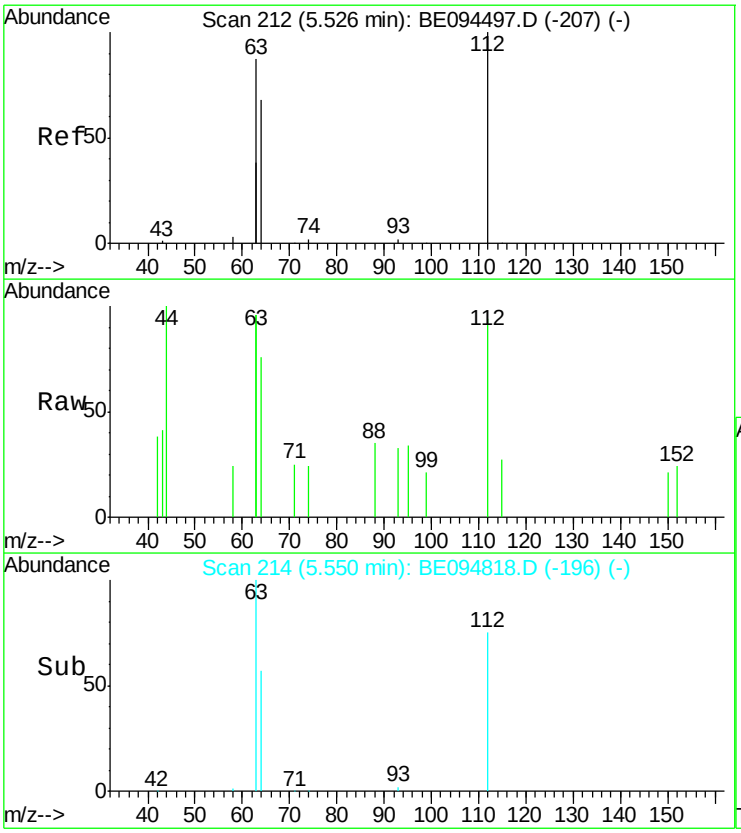
#3
n-Nitrosodimethylamine
Concen: 0.36 ng
RT: 3.75 min Scan# 71
Delta R.T. -0.00 min
Lab File: BE094818.D
Acq: 15 Nov 2017 17:09

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 42 Resp: 452

Ion	Ratio	Lower	Upper
42	100		
74	165.9	100.3	150.5#
44	10.4	17.0	25.4#

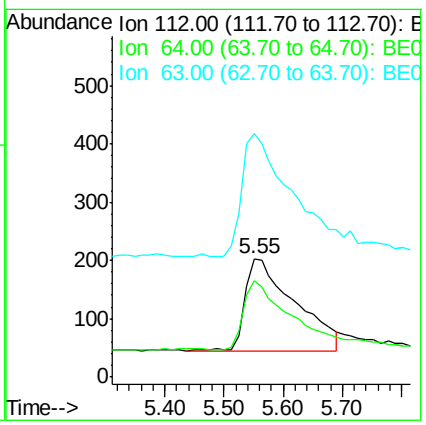


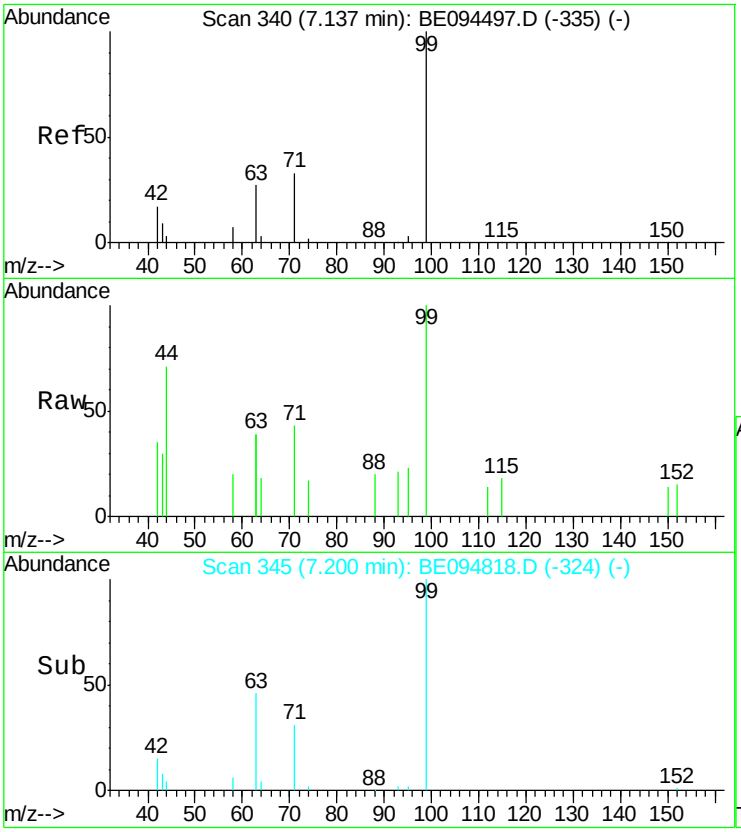


#4
2-Fluorophenol
Concen: 0.34 ng
RT: 5.55 min Scan# 214
Delta R.T. 0.02 min
Lab File: BE094818.D
Acq: 15 Nov 2017 17:09

Tgt Ion:112 Resp: 922

Ion	Ratio	Lower	Upper
112	100		
64	70.8	60.1	90.1
63	131.6	116.8	175.2



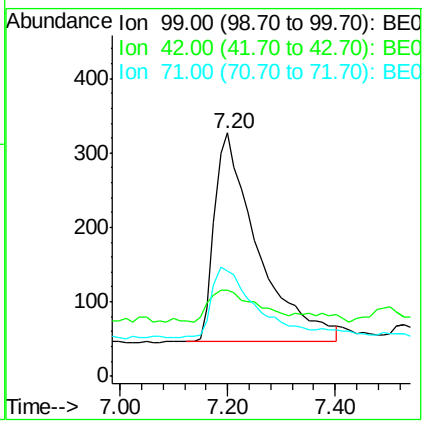


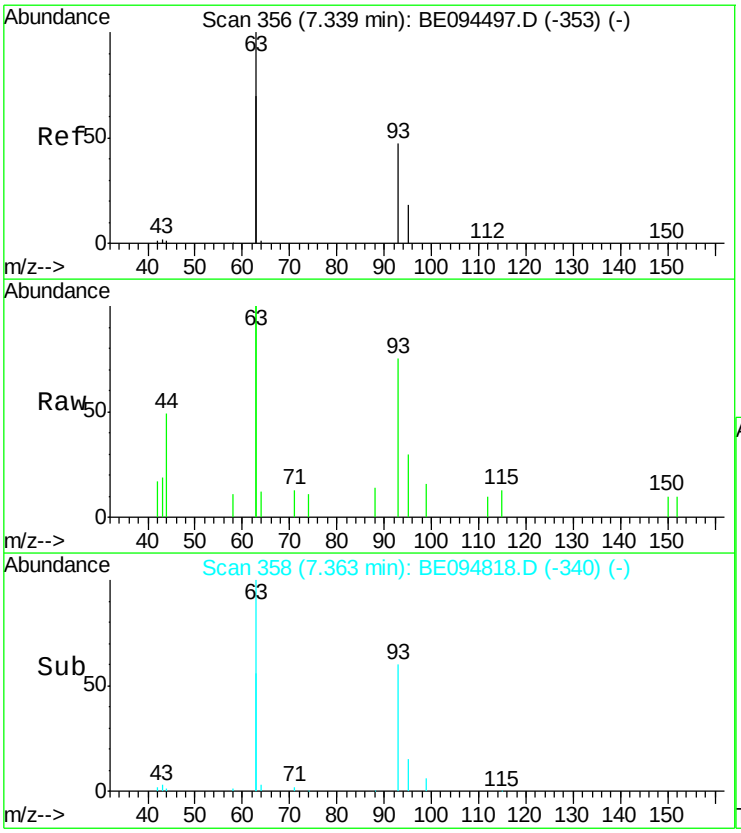
#5
Phenol-d6
Concen: 0.39 ng
RT: 7.20 min Scan# 345
Delta R.T. 0.06 min
Lab File: BE094818.D
Acq: 15 Nov 2017 17:09

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 99 Resp: 1576

Ion	Ratio	Lower	Upper
99	100		
42	17.3	20.2	30.2#
71	33.5	28.4	42.6

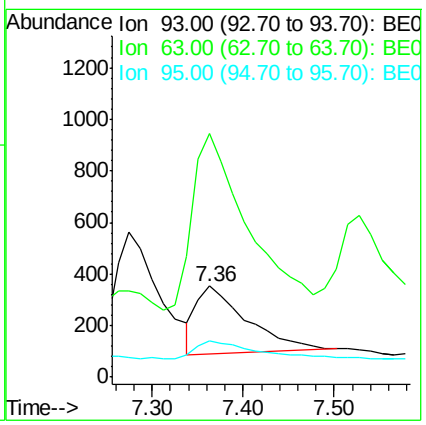


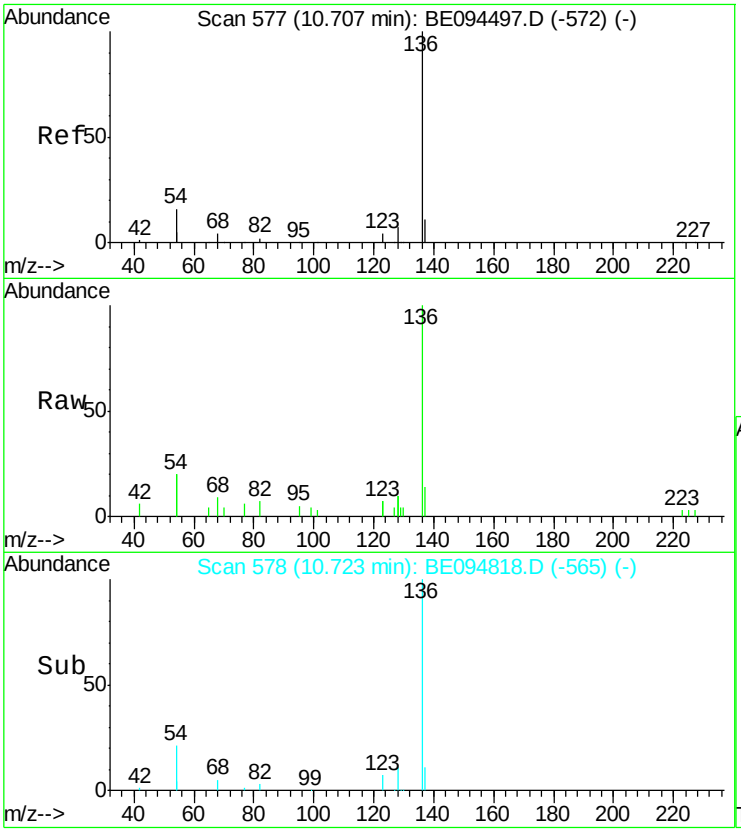


#6
bis(2-Chloroethyl)ether
Concen: 0.32 ng
RT: 7.36 min Scan# 358
Delta R.T. 0.02 min
Lab File: BE094818.D
Acq: 15 Nov 2017 17:09

Tgt Ion: 93 Resp: 993

Ion	Ratio	Lower	Upper
93	100		
63	291.3	275.3	412.9
95	30.3	25.2	37.8



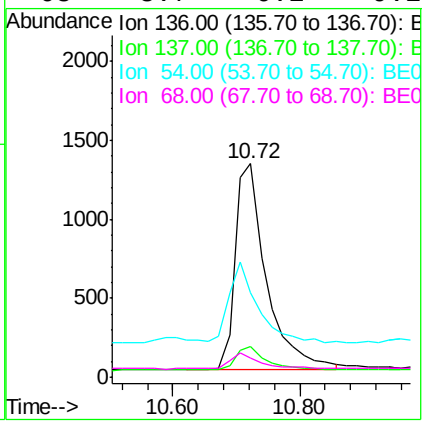


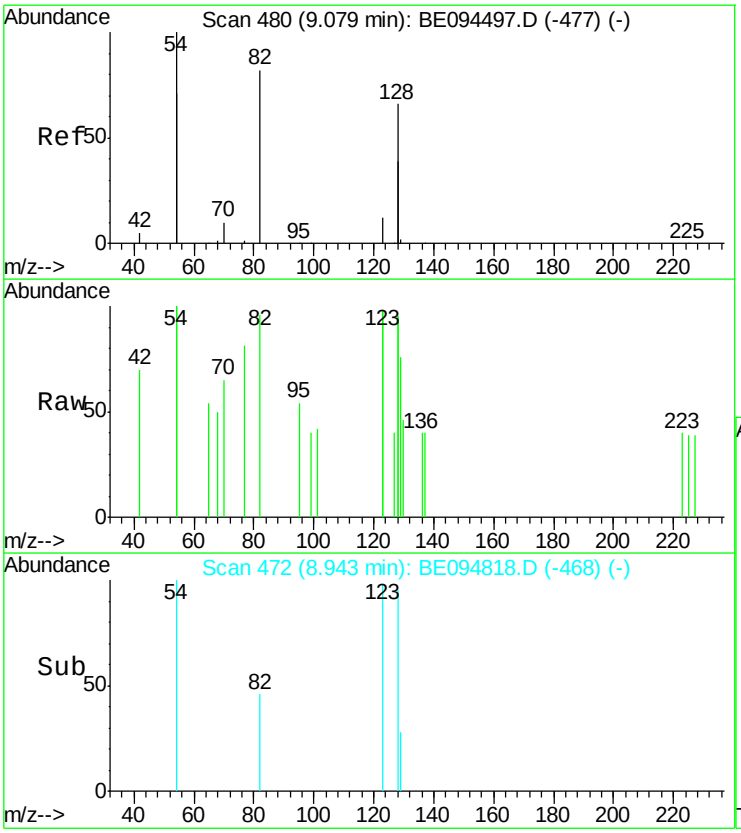
#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.72 min Scan# 578
Delta R.T. 0.02 min
Lab File: BE094818.D
Acq: 15 Nov 2017 17:09

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:136 Resp: 4478

Ion	Ratio	Lower	Upper
136	100		
137	14.2	9.5	14.3
54	39.8	29.1	43.7
68	8.7	6.2	9.2

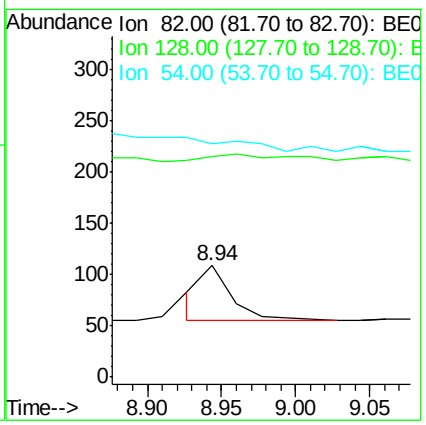


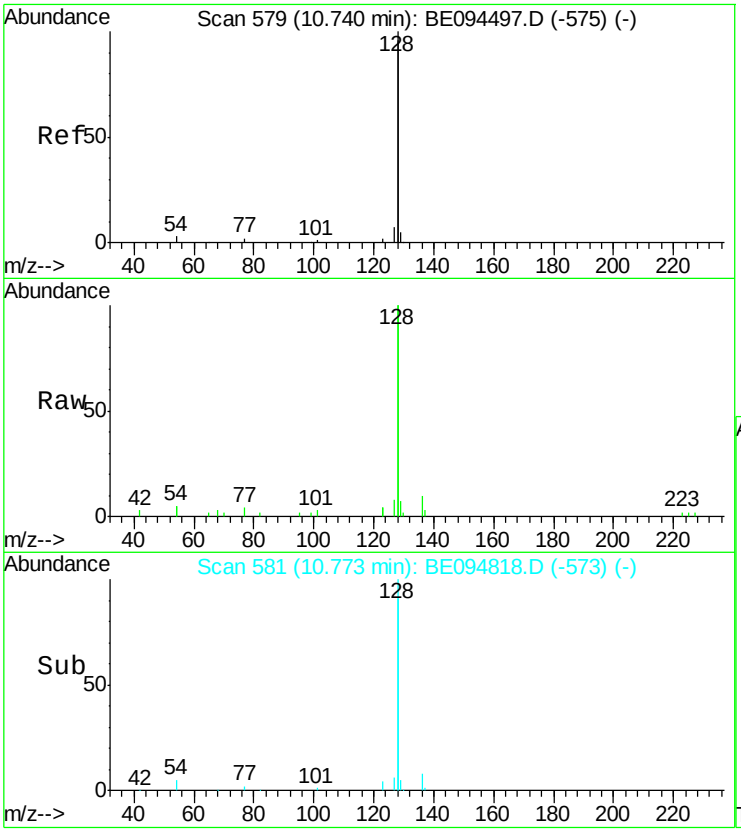


#8
Nitrobenzene-d5
Concen: 0.02 ng
RT: 8.94 min Scan# 472
Delta R.T. -0.14 min
Lab File: BE094818.D
Acq: 15 Nov 2017 17:09

Tgt Ion: 82 Resp: 81

Ion	Ratio	Lower	Upper
82	100		
128	198.2	150.0	225.0
54	209.2	154.2	231.4



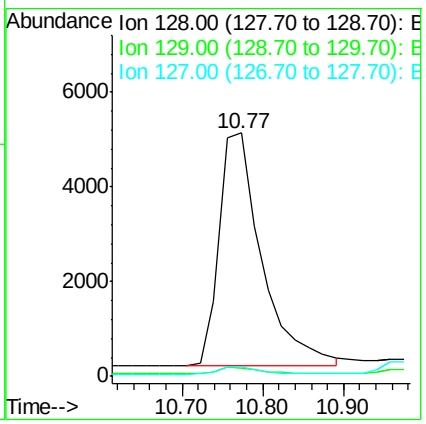


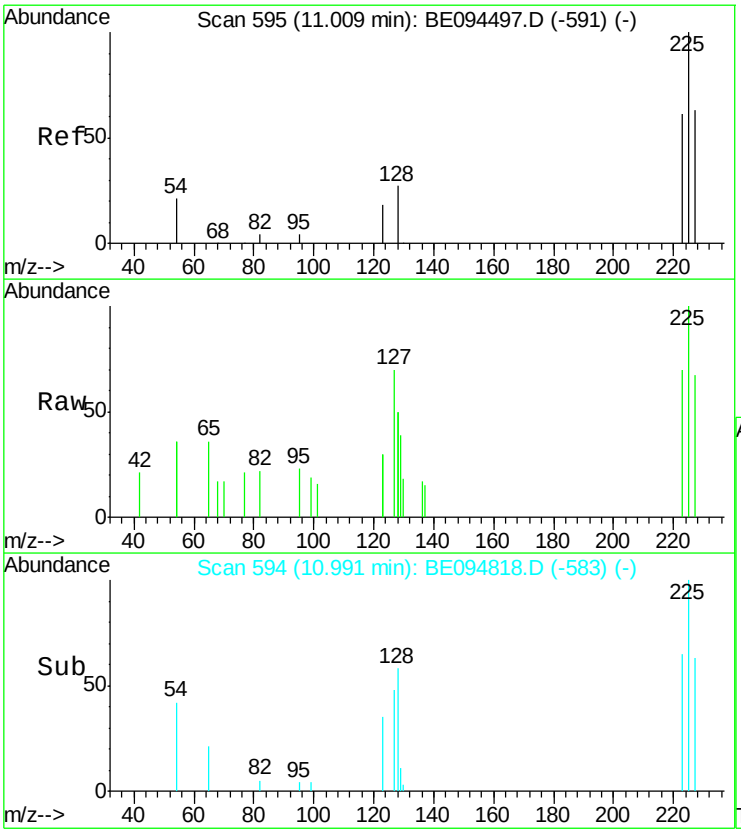
#9
Naphthalene
Concen: 0.36 ng
RT: 10.77 min Scan# 581
Delta R.T. 0.03 min
Lab File: BE094818.D
Acq: 15 Nov 2017 17:09

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:128 Resp: 18141

Ion	Ratio	Lower	Upper
128	100		
129	3.5	2.6	3.8
127	3.9	2.8	4.2

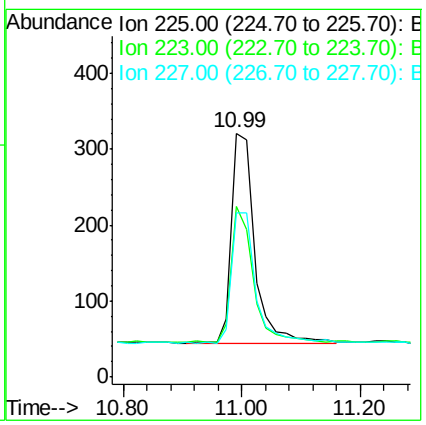


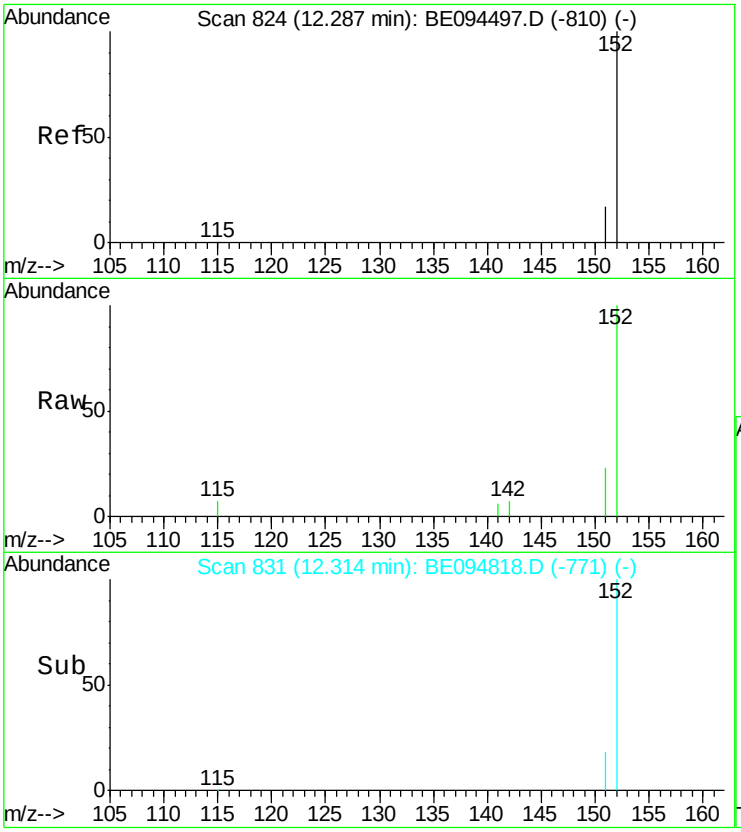


#10
Hexachlorobutadiene
Concen: 0.41 ng
RT: 10.99 min Scan# 594
Delta R.T. -0.02 min
Lab File: BE094818.D
Acq: 15 Nov 2017 17:09

Tgt Ion:225 Resp: 755

Ion	Ratio	Lower	Upper
225	100		
223	61.3	53.0	79.6
227	64.9	51.4	77.2



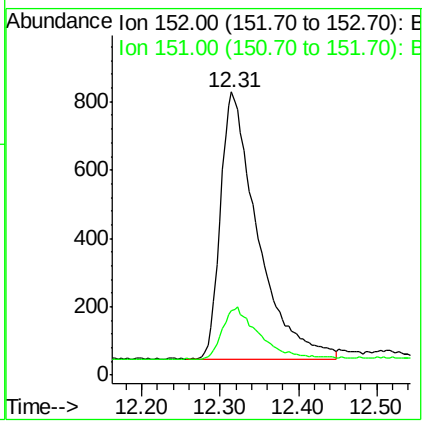


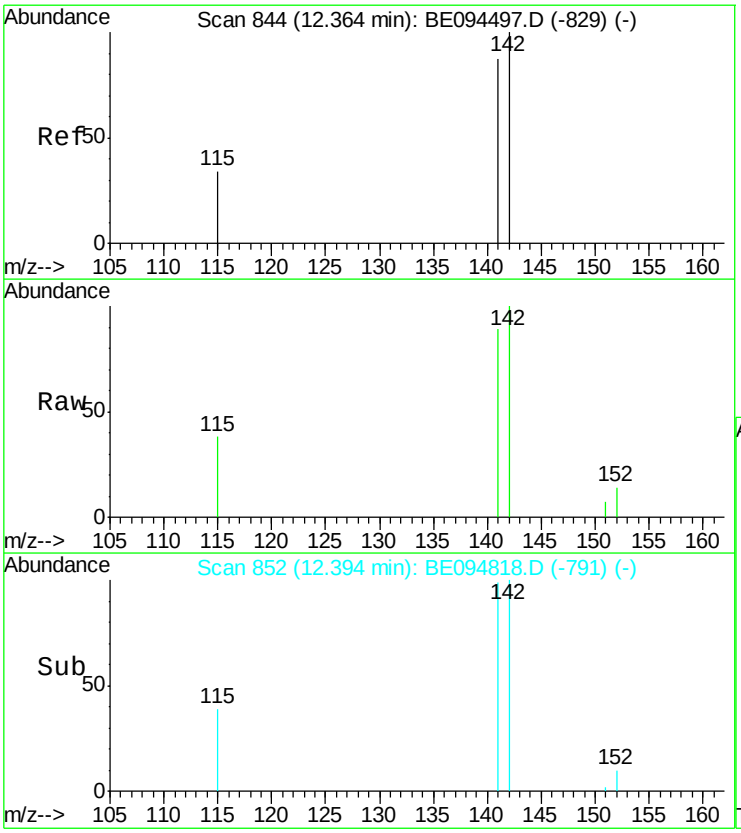
#11
2-Methylnaphthalene-d10
Concen: 0.36 ng
RT: 12.31 min Scan# 831
Delta R.T. 0.03 min
Lab File: BE094818.D
Acq: 15 Nov 2017 17:09

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 2583

Ion	Ratio	Lower	Upper
152	100		
151	19.2	15.4	23.0

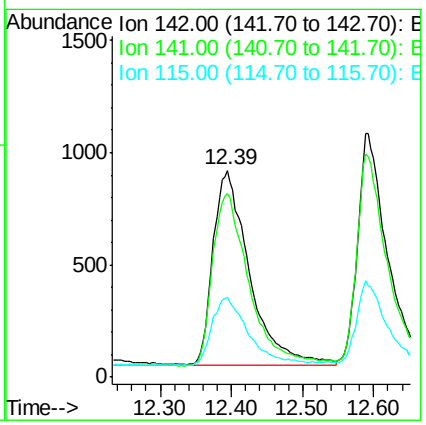


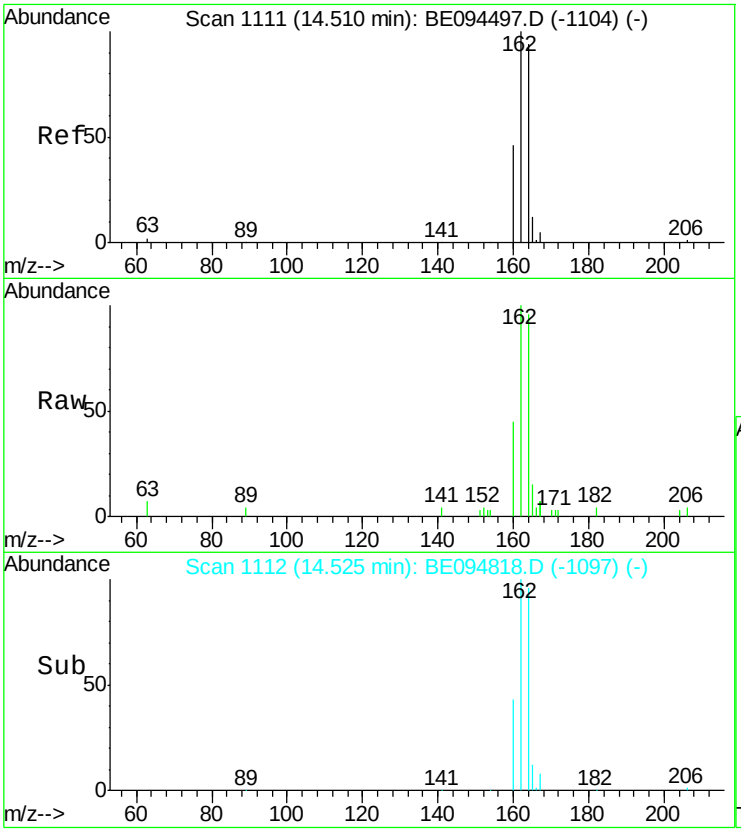


#12
2-Methylnaphthalene
Concen: 0.36 ng
RT: 12.39 min Scan# 852
Delta R.T. 0.03 min
Lab File: BE094818.D
Acq: 15 Nov 2017 17:09

Tgt Ion:142 Resp: 3053

Ion	Ratio	Lower	Upper
142	100		
141	88.7	70.4	105.6
115	38.3	31.7	47.5



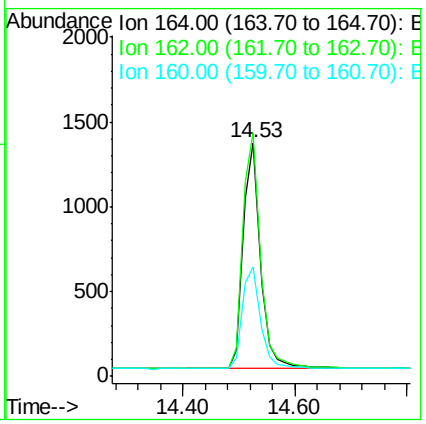


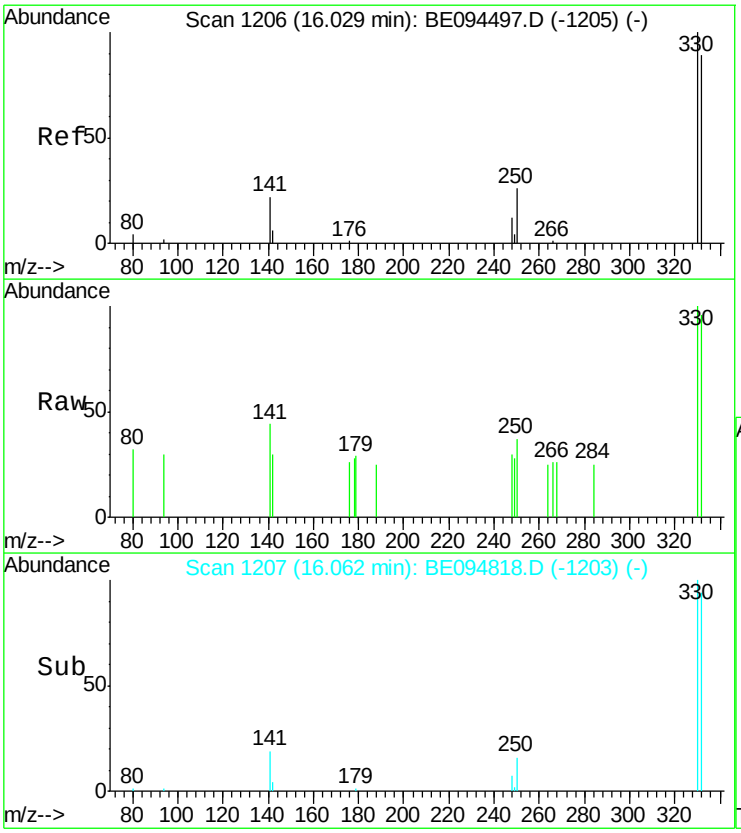
#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.53 min Scan# 1112
Delta R.T. 0.02 min
Lab File: BE094818.D
Acq: 15 Nov 2017 17:09

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:164 Resp: 2875

Ion	Ratio	Lower	Upper
164	100		
162	104.1	83.1	124.7
160	46.6	37.1	55.7

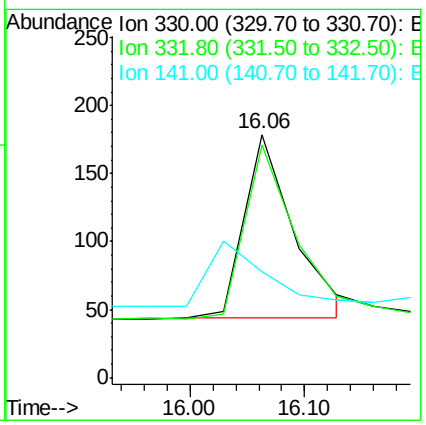


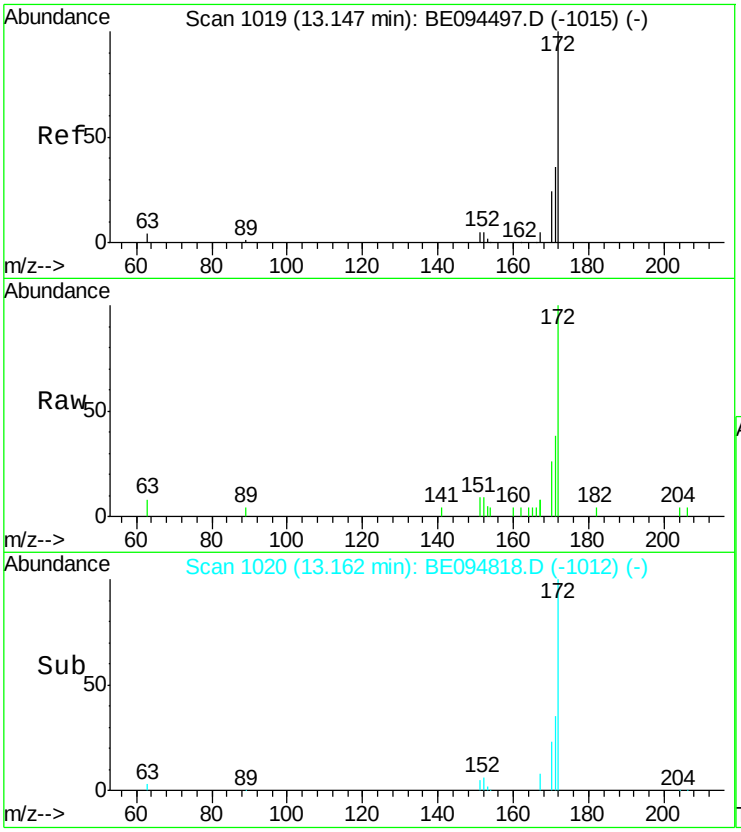


#14
2,4,6-Tribromophenol
Concen: 0.51 ng
RT: 16.06 min Scan# 1207
Delta R.T. 0.03 min
Lab File: BE094818.D
Acq: 15 Nov 2017 17:09

Tgt Ion:330 Resp: 407

Ion	Ratio	Lower	Upper
330	100		
332	98.0	152.7	229.1#
141	0.0	33.7	50.5#



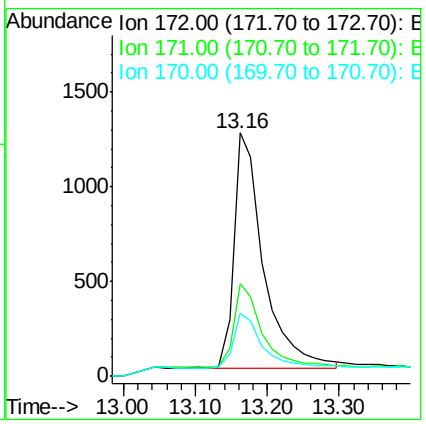


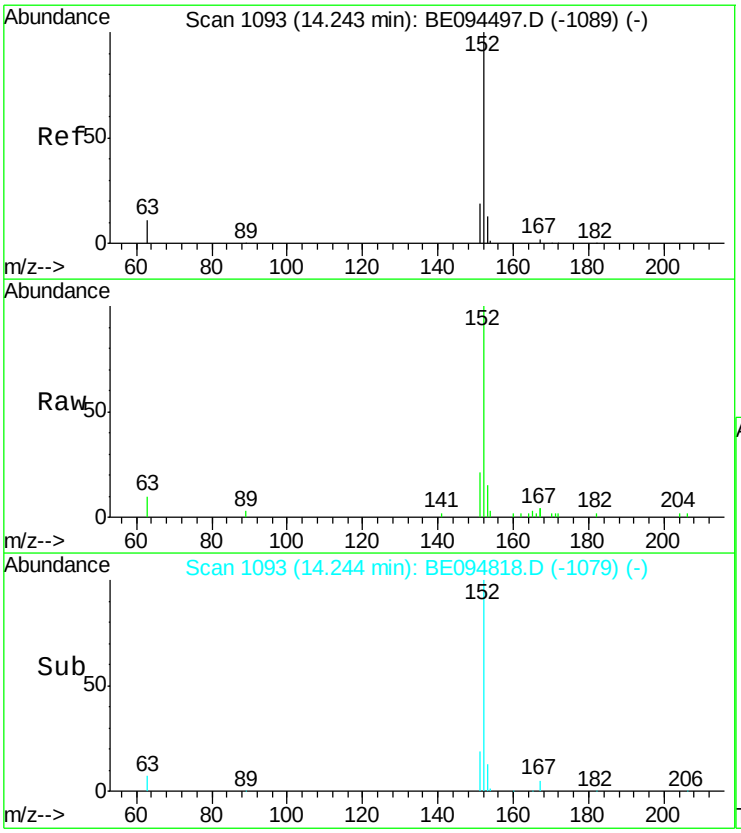
#15
2-Fluorobiphenyl
Concen: 0.35 ng
RT: 13.16 min Scan# 1020
Delta R.T. 0.02 min
Lab File: BE094818.D
Acq: 15 Nov 2017 17:09

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:172 Resp: 3514

Ion	Ratio	Lower	Upper
172	100		
171	37.9	29.9	44.9
170	25.9	21.8	32.8

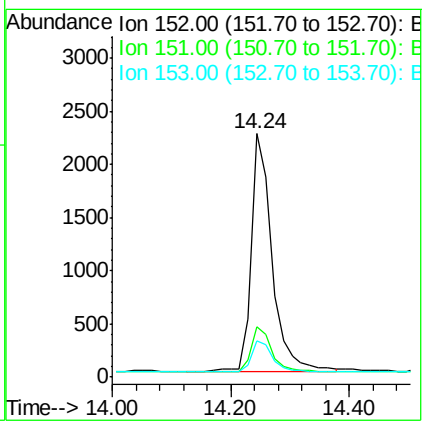


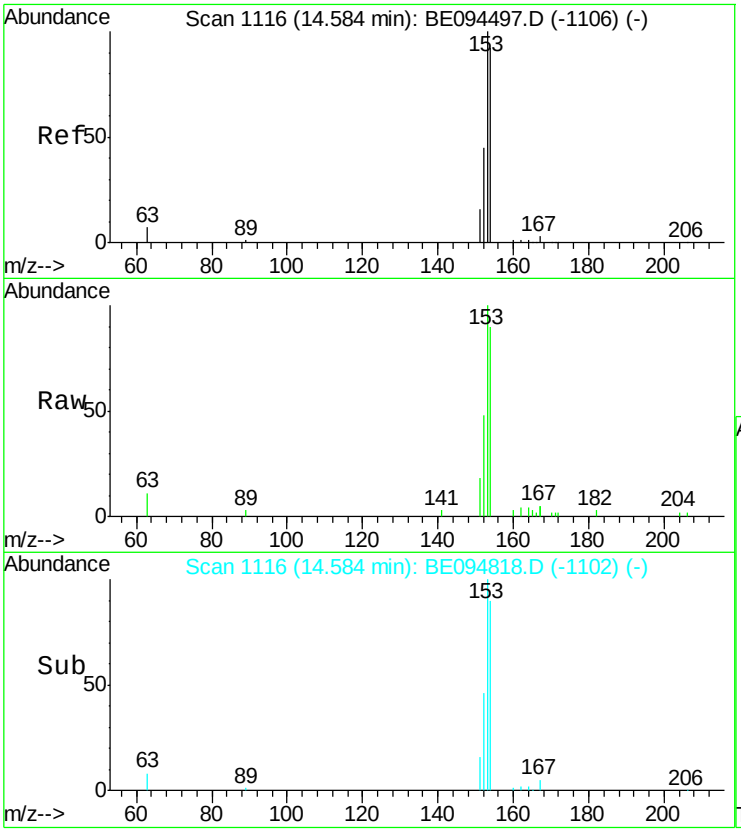


#16
Acenaphthylene
Concen: 0.35 ng
RT: 14.24 min Scan# 1093
Delta R.T. 0.00 min
Lab File: BE094818.D
Acq: 15 Nov 2017 17:09

Tgt Ion:152 Resp: 5350

Ion	Ratio	Lower	Upper
152	100		
151	19.1	15.7	23.5
153	13.3	10.5	15.7



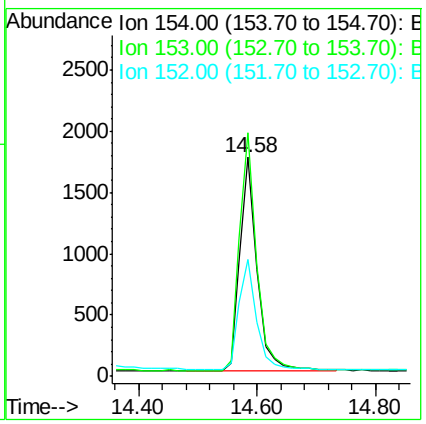


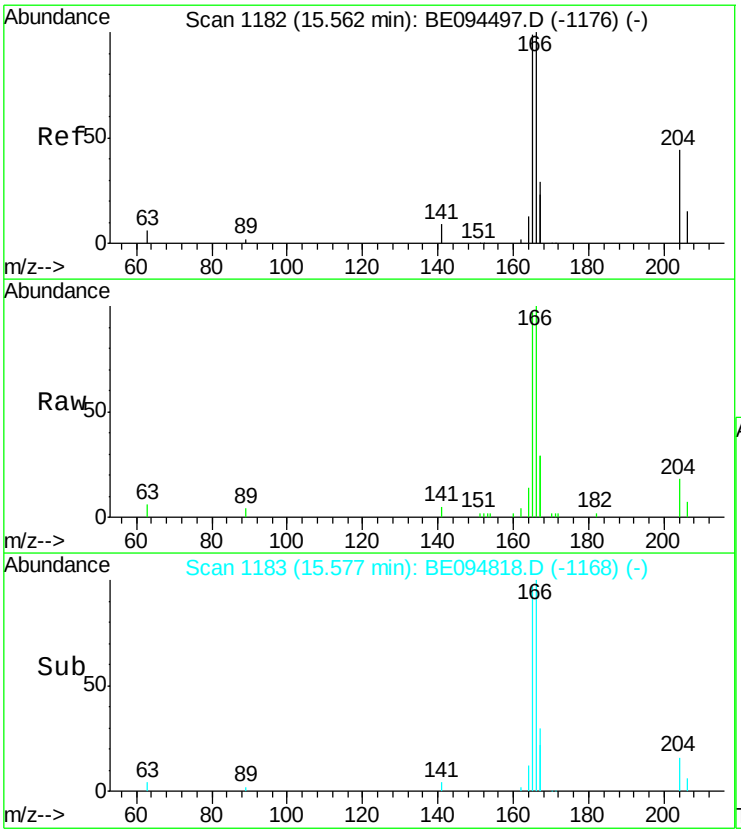
#17
Acenaphthene
Concen: 0.36 ng
RT: 14.58 min Scan# 1116
Delta R.T. 0.00 min
Lab File: BE094818.D
Acq: 15 Nov 2017 17:09

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:154 Resp: 3512

Ion	Ratio	Lower	Upper
154	100		
153	111.6	89.2	133.8
152	53.4	42.0	63.0

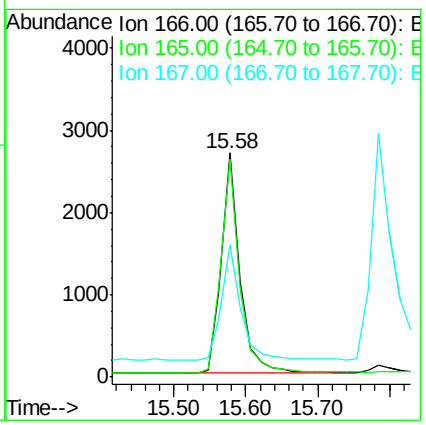


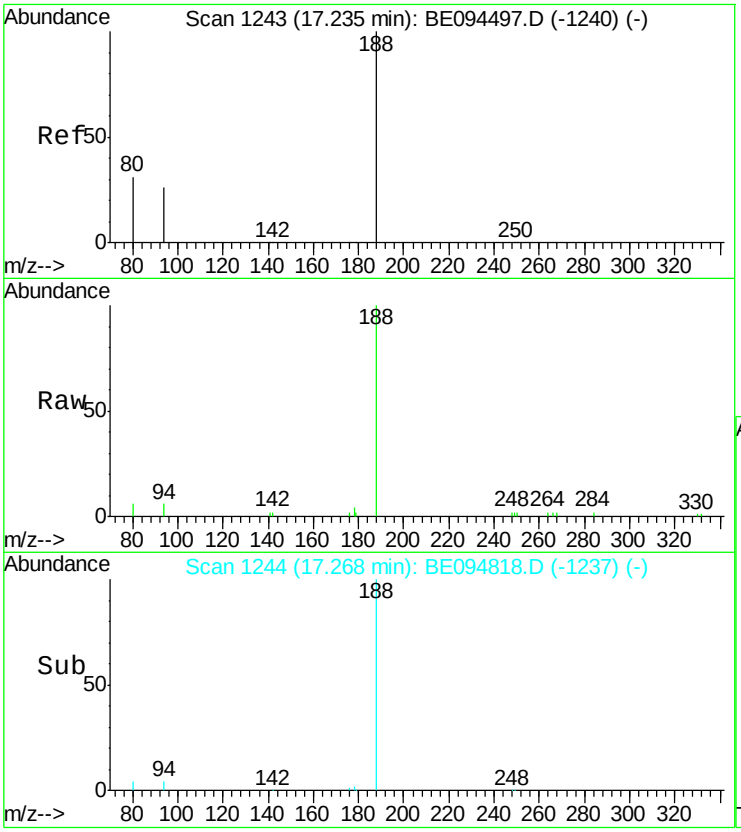


#18
Fluorene
Concen: 0.38 ng
RT: 15.58 min Scan# 1183
Delta R.T. 0.02 min
Lab File: BE094818.D
Acq: 15 Nov 2017 17:09

Tgt Ion:166 Resp: 4809

Ion	Ratio	Lower	Upper
166	100		
165	97.9	77.8	116.6
167	53.3	42.4	63.6



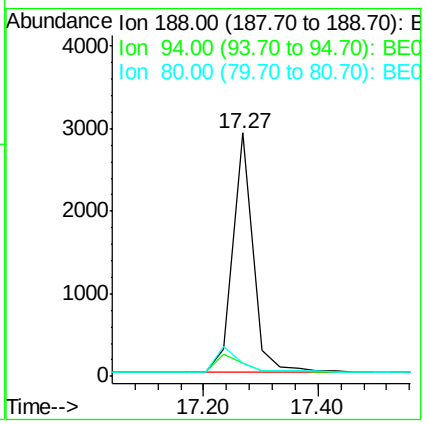


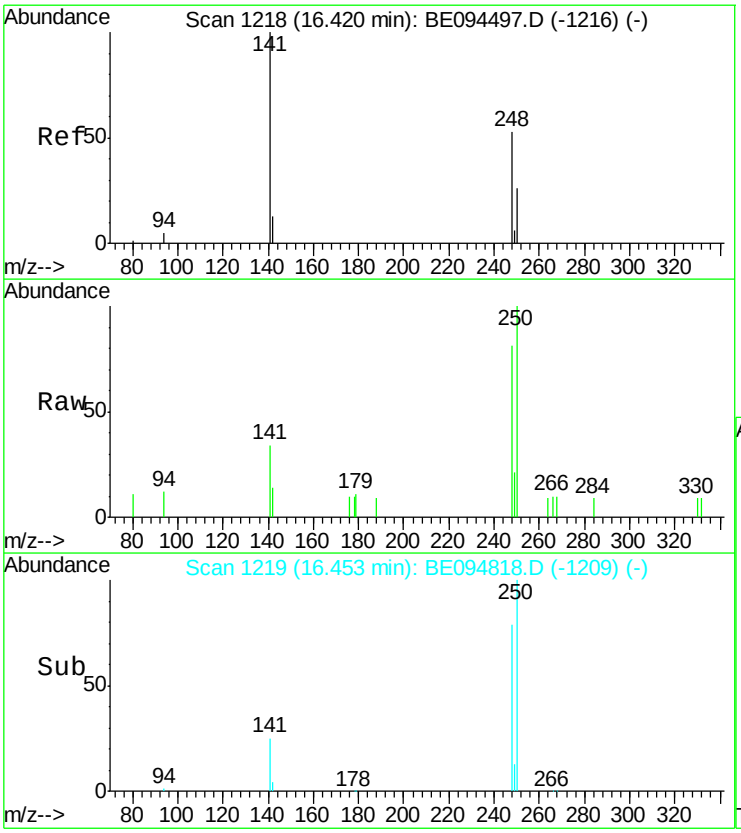
#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.27 min Scan# 1244
Delta R.T. 0.03 min
Lab File: BE094818.D
Acq: 15 Nov 2017 17:09

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:188 Resp: 7074

Ion	Ratio	Lower	Upper
188	100		
94	5.7	3.9	5.9
80	5.6	3.6	5.4#

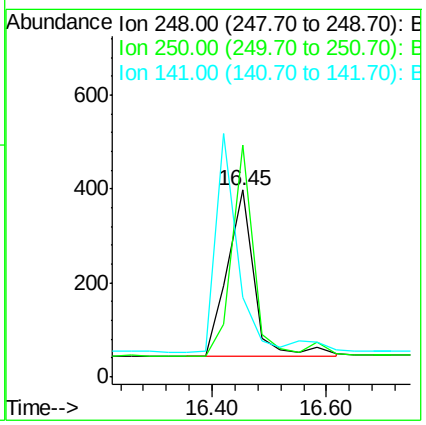


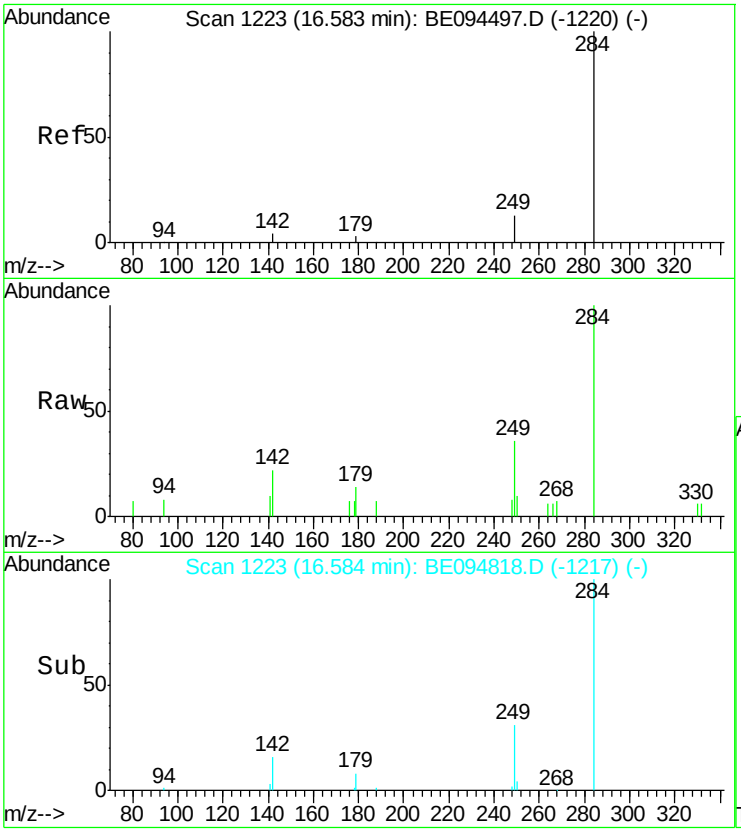


#20
4-Bromophenyl-phenylether
Concen: 0.30 ng
RT: 16.45 min Scan# 1219
Delta R.T. 0.03 min
Lab File: BE094818.D
Acq: 15 Nov 2017 17:09

Tgt Ion:248 Resp: 1150

Ion	Ratio	Lower	Upper
248	100		
250	124.2	62.7	94.1#
141	42.3	48.2	72.2#



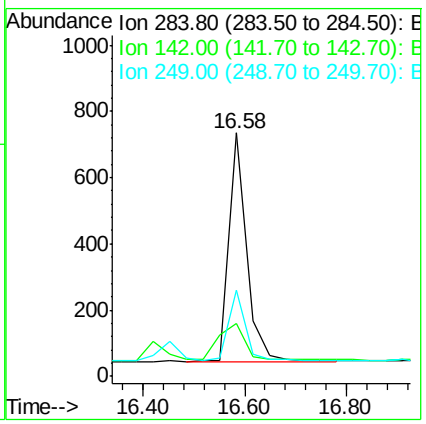


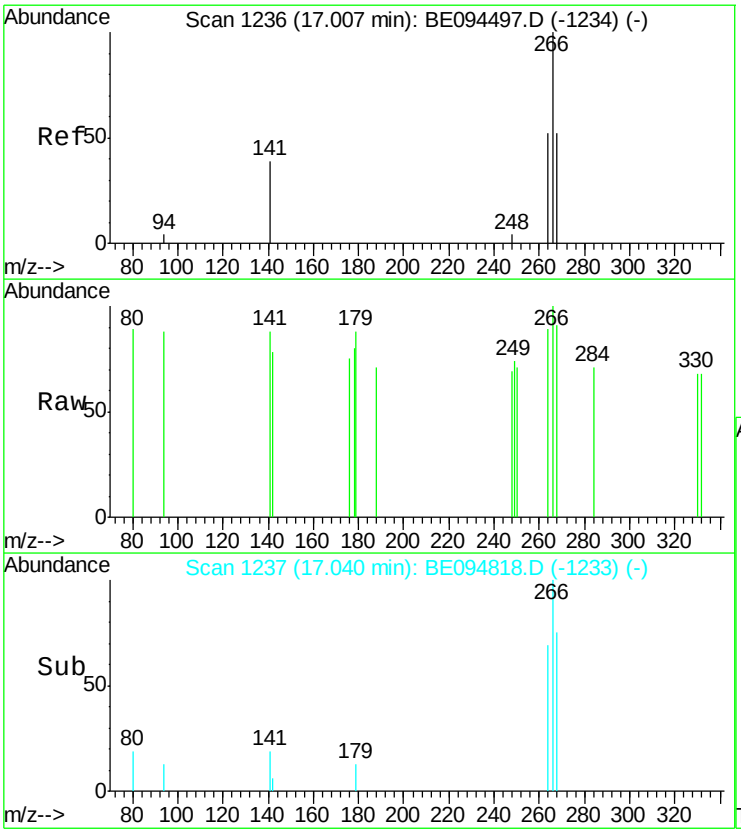
#21
Hexachlorobenzene
Concen: 0.49 ng
RT: 16.58 min Scan# 1223
Delta R.T. 0.00 min
Lab File: BE094818.D
Acq: 15 Nov 2017 17:09

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:284 Resp: 1655

Ion	Ratio	Lower	Upper
284	100		
142	23.6	22.1	33.1
249	28.9	34.8	52.2#

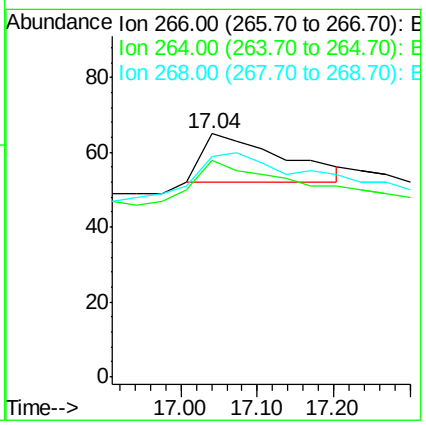


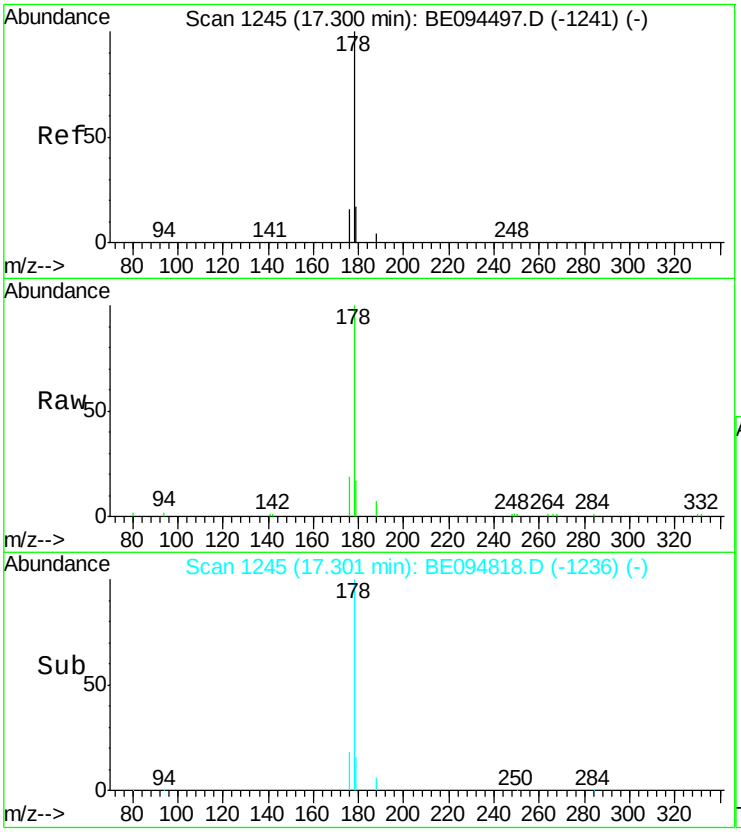


#22
Pentachlorophenol
Concen: 0.22 ng
RT: 17.04 min Scan# 1237
Delta R.T. 0.03 min
Lab File: BE094818.D
Acq: 15 Nov 2017 17:09

Tgt Ion:266 Resp: 96

Ion	Ratio	Lower	Upper
266	100		
264	89.2	72.5	108.7
268	90.8	73.8	110.6



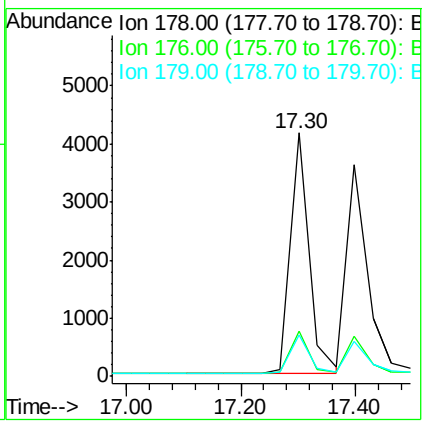


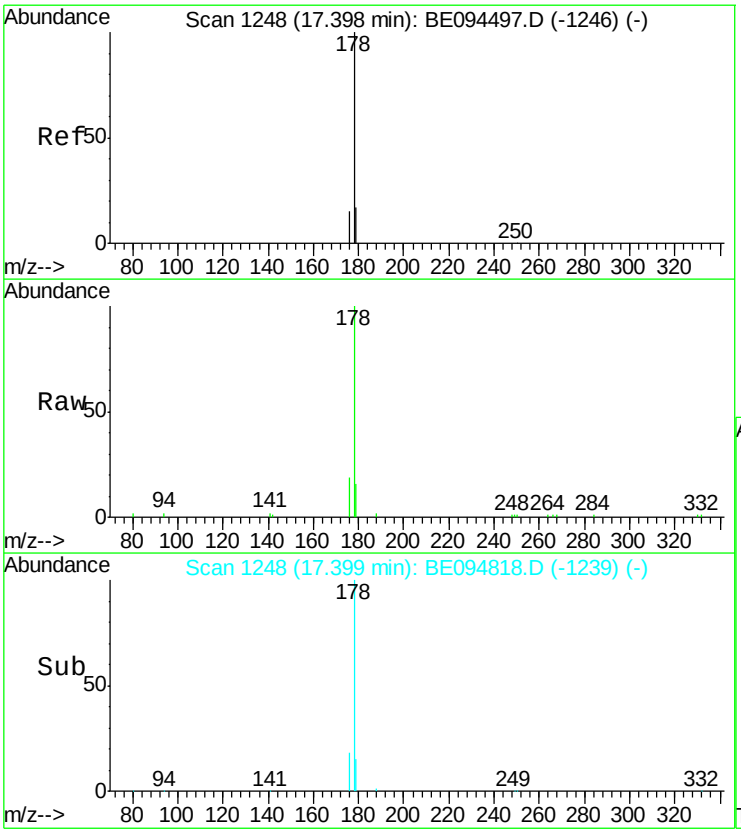
#23
Phenanthrene
Concen: 0.52 ng
RT: 17.30 min Scan# 1245
Delta R.T. 0.00 min
Lab File: BE094818.D
Acq: 15 Nov 2017 17:09

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 9399

Ion	Ratio	Lower	Upper
178	100		
176	17.7	15.1	22.7
179	16.3	11.8	17.6

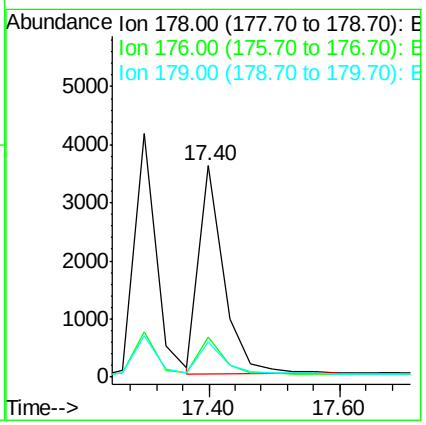


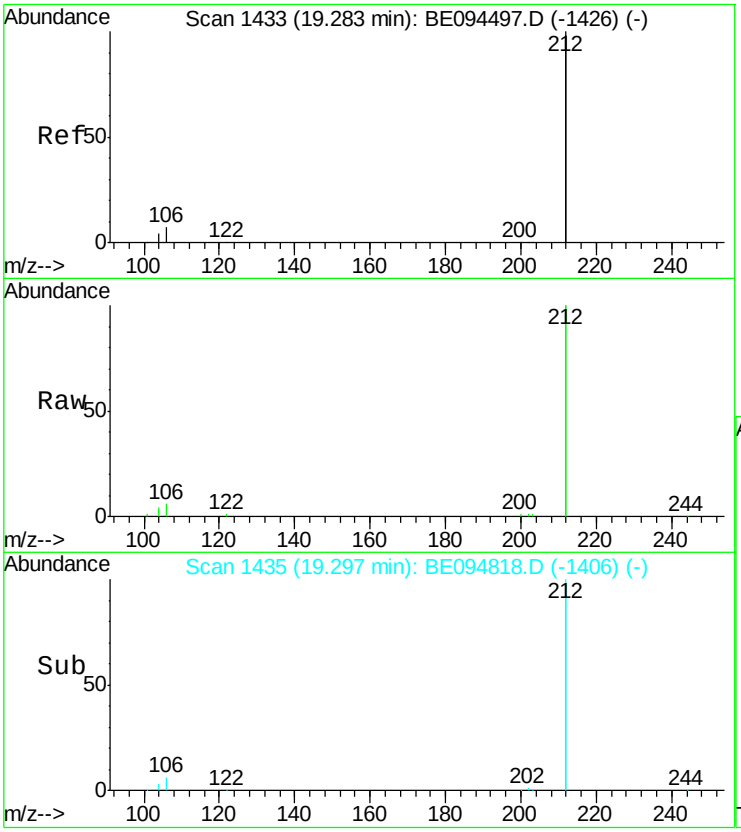


#24
Anthracene
Concen: 0.45 ng
RT: 17.40 min Scan# 1248
Delta R.T. 0.00 min
Lab File: BE094818.D
Acq: 15 Nov 2017 17:09

Tgt Ion:178 Resp: 9371

Ion	Ratio	Lower	Upper
178	100		
176	17.2	12.8	19.2
179	15.7	13.0	19.6



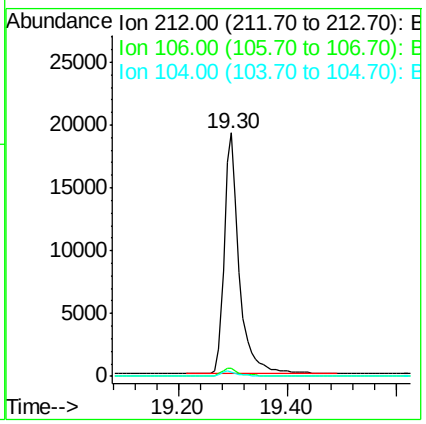


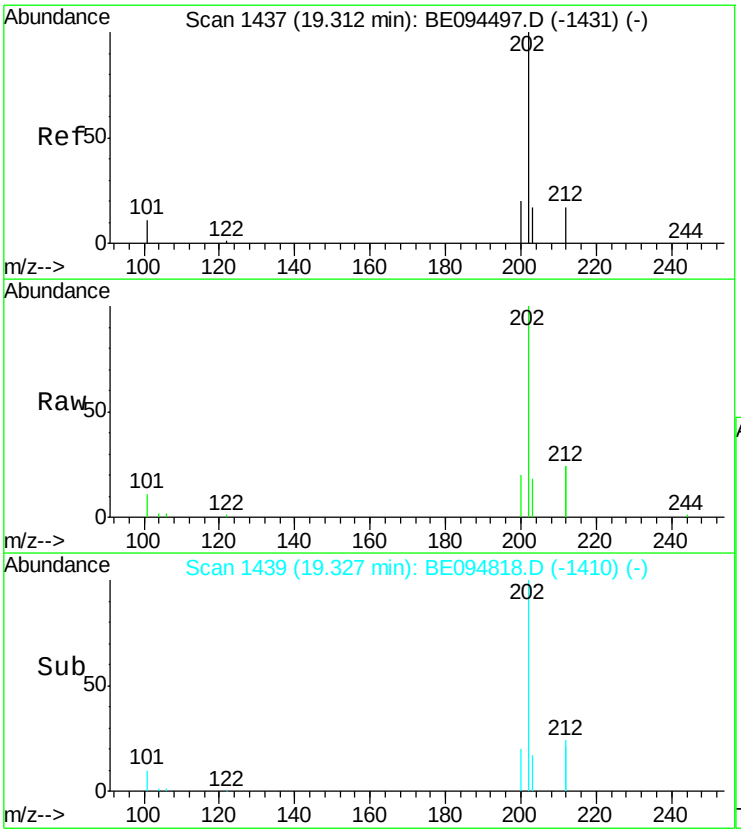
#25
Fluoranthene-d10
Concen: 0.43 ng
RT: 19.30 min Scan# 1435
Delta R.T. 0.01 min
Lab File: BE094818.D
Acq: 15 Nov 2017 17:09

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:212 Resp: 36993

Ion	Ratio	Lower	Upper
212	100		
106	3.2	2.8	4.2
104	1.8	1.6	2.4

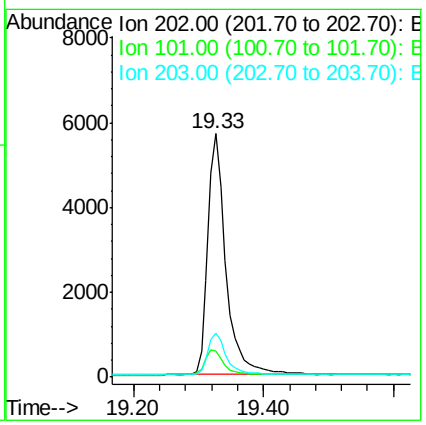


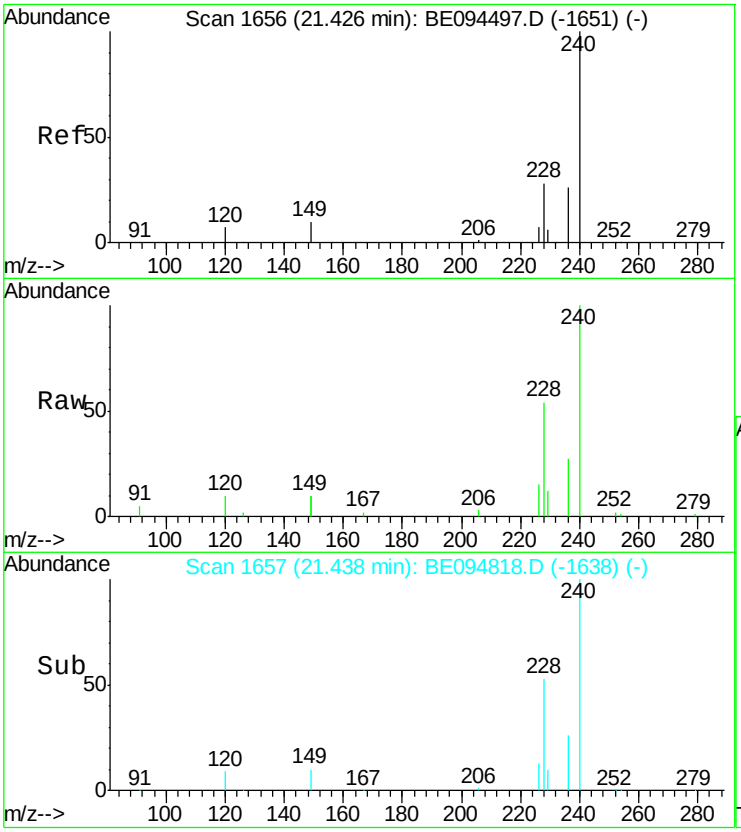


#26
Fluoranthene
Concen: 0.42 ng
RT: 19.33 min Scan# 1439
Delta R.T. 0.01 min
Lab File: BE094818.D
Acq: 15 Nov 2017 17:09

Tgt Ion:202 Resp: 11080

Ion	Ratio	Lower	Upper
202	100		
101	10.9	9.8	14.8
203	17.1	13.7	20.5



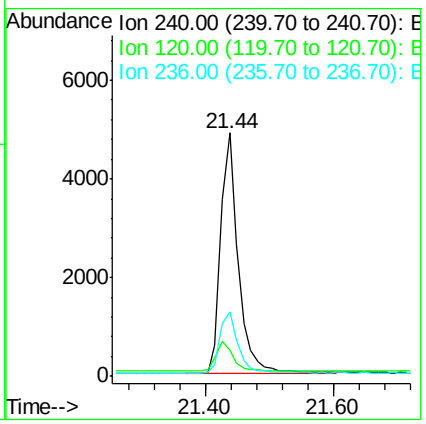


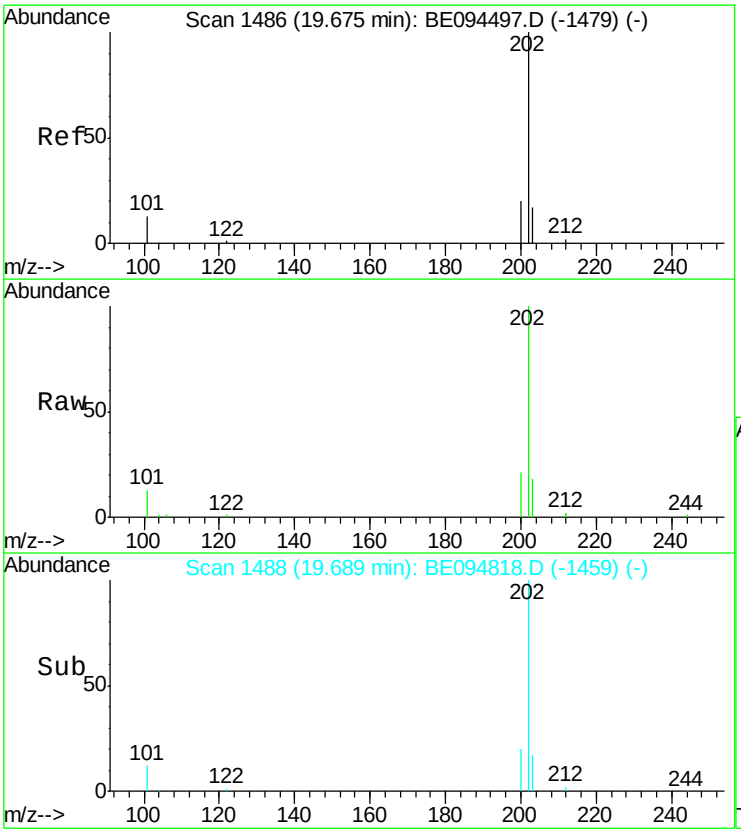
#27
Chrysene-d12
Concen: 0.40 ng
RT: 21.44 min Scan# 1657
Delta R.T. 0.01 min
Lab File: BE094818.D
Acq: 15 Nov 2017 17:09

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:240 Resp: 9187

Ion	Ratio	Lower	Upper
240	100		
120	10.4	5.5	8.3#
236	26.7	20.7	31.1

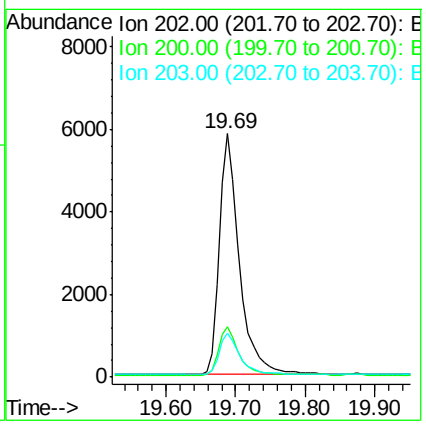


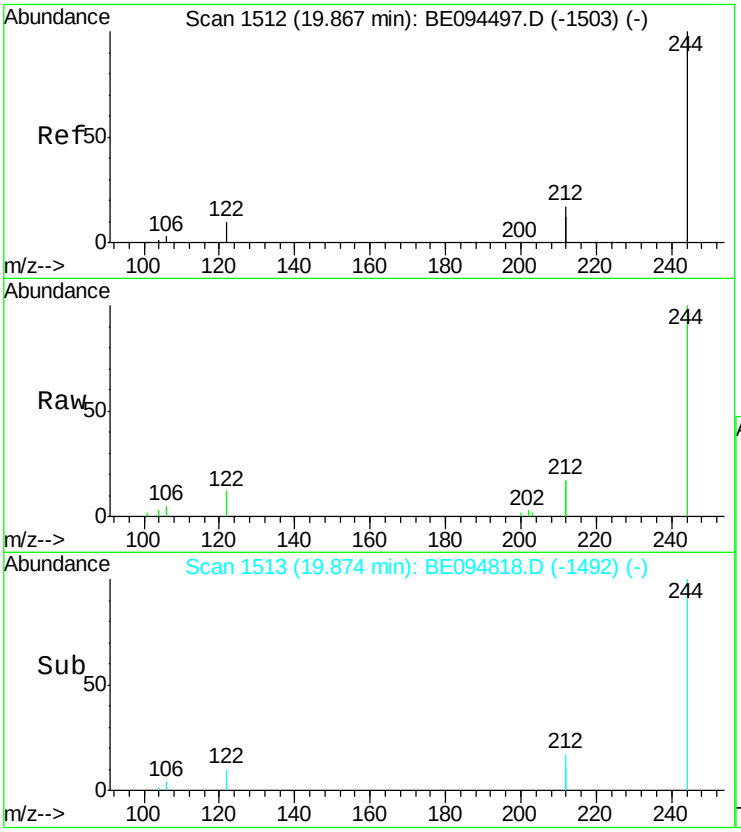


#28
Pyrene
Concen: 0.36 ng
RT: 19.69 min Scan# 1488
Delta R.T. 0.01 min
Lab File: BE094818.D
Acq: 15 Nov 2017 17:09

Tgt Ion:202 Resp: 11676

Ion	Ratio	Lower	Upper
202	100		
200	20.1	16.6	25.0
203	17.8	13.8	20.8



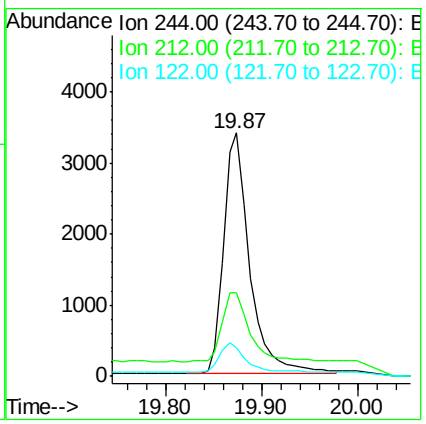


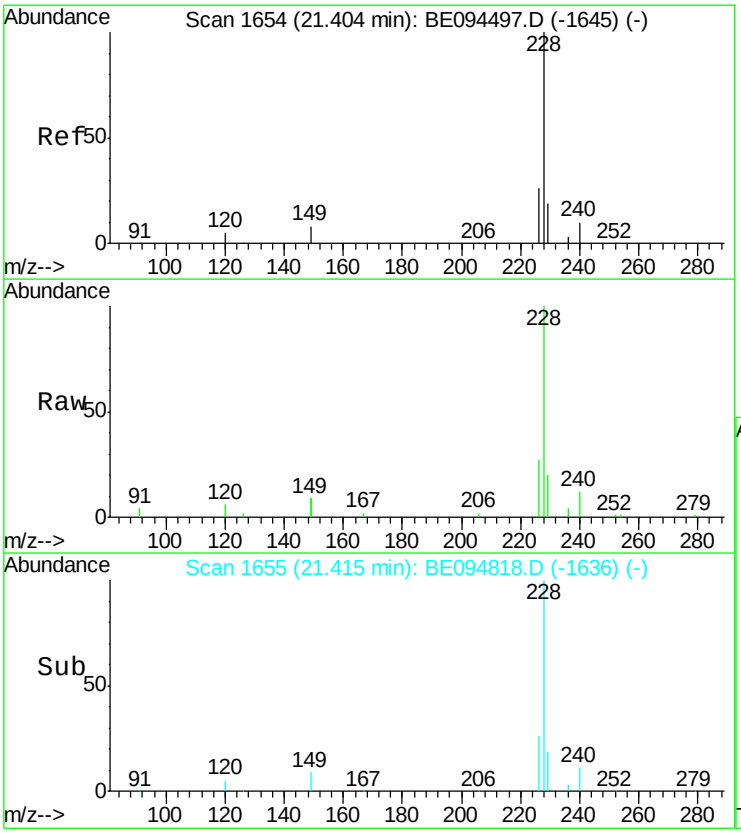
#29
Terphenyl-d14
Concen: 0.36 ng
RT: 19.87 min Scan# 1513
Delta R.T. 0.01 min
Lab File: BE094818.D
Acq: 15 Nov 2017 17:09

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:244 Resp: 6298

Ion	Ratio	Lower	Upper
244	100		
212	34.2	25.4	38.0
122	11.8	8.1	12.1

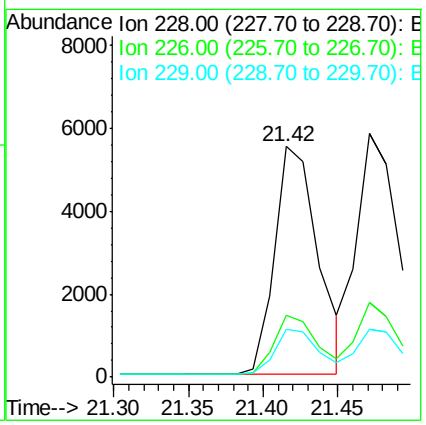


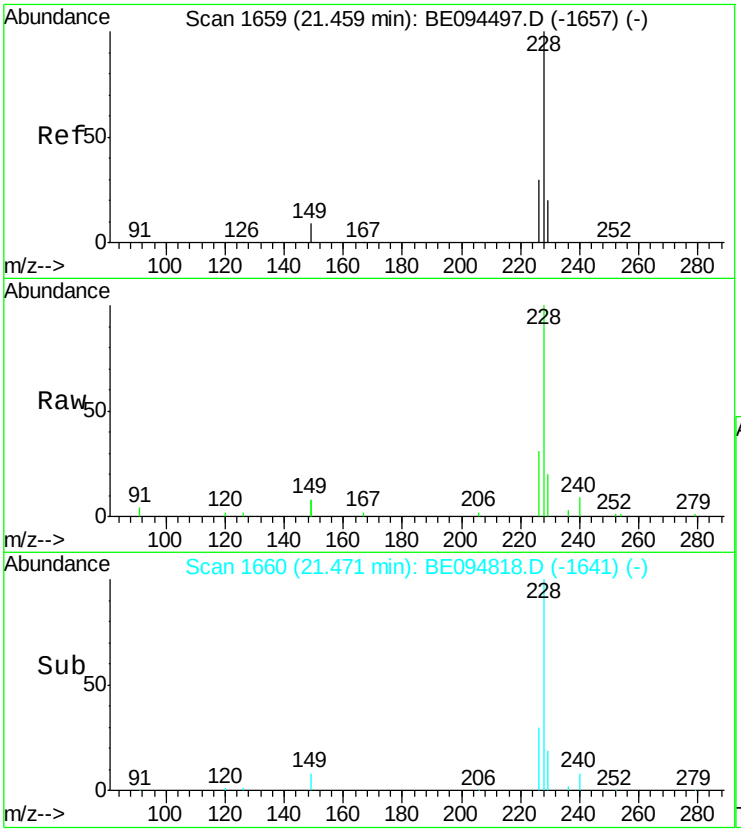


#30
Benzo(a)anthracene
Concen: 0.37 ng
RT: 21.42 min Scan# 1655
Delta R.T. 0.01 min
Lab File: BE094818.D
Acq: 15 Nov 2017 17:09

Tgt Ion:228 Resp: 11128

Ion	Ratio	Lower	Upper
228	100		
226	27.0	40.0	60.0#
229	20.4	40.0	60.0#



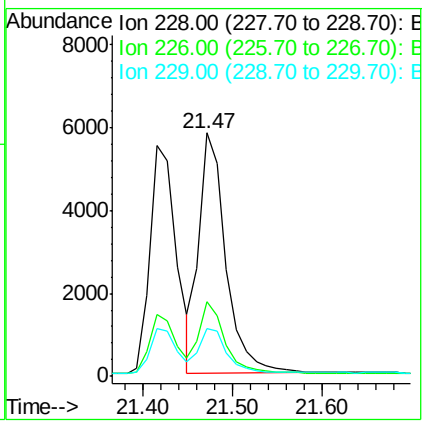


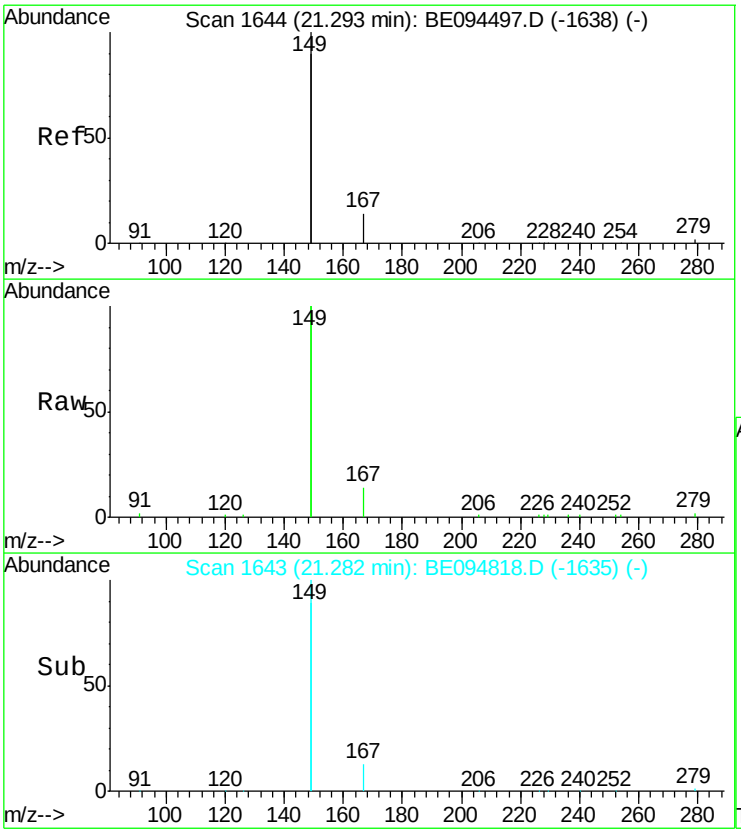
#31
Chrysene
Concen: 0.40 ng
RT: 21.47 min Scan# 1660
Delta R.T. 0.01 min
Lab File: BE094818.D
Acq: 15 Nov 2017 17:09

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 12064

Ion	Ratio	Lower	Upper
228	100		
226	30.5	40.0	60.0#
229	19.6	40.0	60.0#

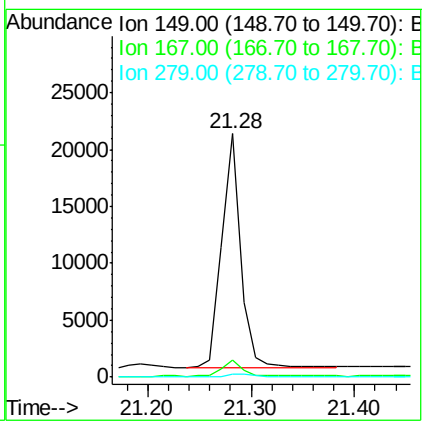


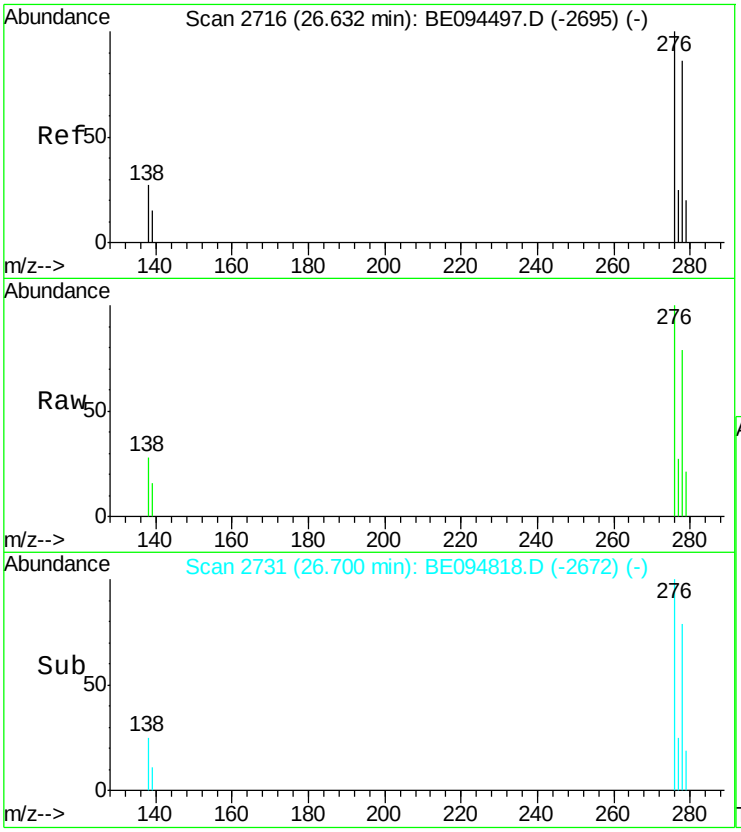


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.36 ng
RT: 21.28 min Scan# 1643
Delta R.T. -0.01 min
Lab File: BE094818.D
Acq: 15 Nov 2017 17:09

Tgt Ion:149 Resp: 26394

Ion	Ratio	Lower	Upper
149	100		
167	6.8	5.4	8.0
279	1.0	0.7	1.1



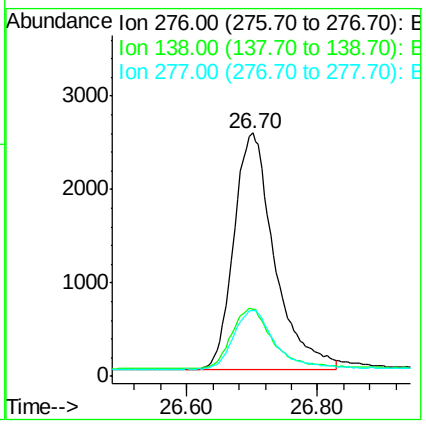


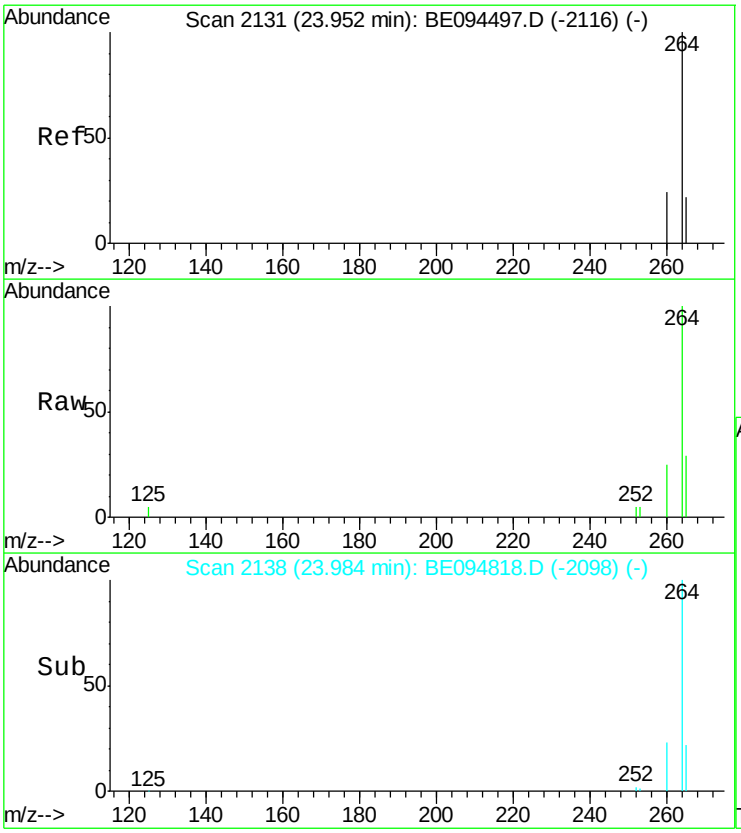
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.39 ng
RT: 26.70 min Scan# 2731
Delta R.T. 0.07 min
Lab File: BE094818.D
Acq: 15 Nov 2017 17:09

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 10994

Ion	Ratio	Lower	Upper
276	100		
138	26.0	22.5	33.7
277	25.3	19.9	29.9

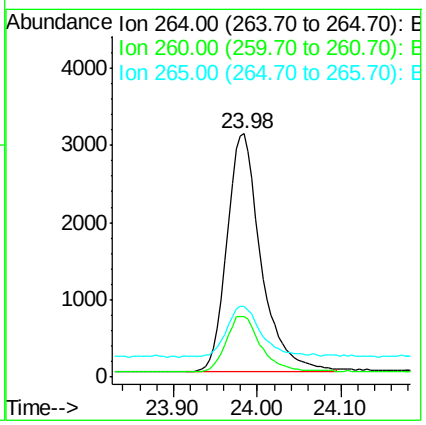


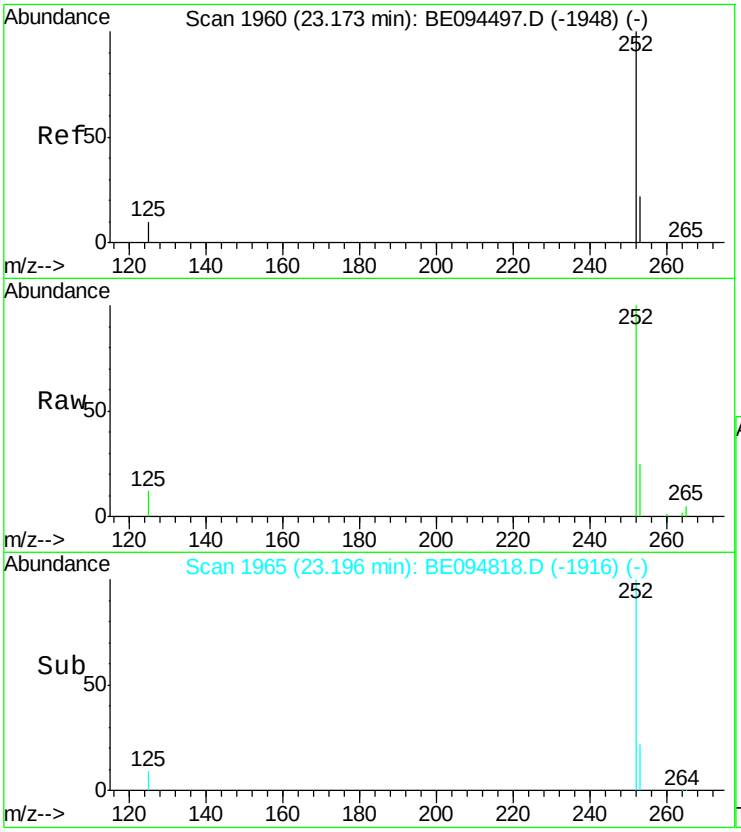


#34
Perylene-d12
Concen: 0.40 ng
RT: 23.98 min Scan# 2138
Delta R.T. 0.03 min
Lab File: BE094818.D
Acq: 15 Nov 2017 17:09

Tgt Ion:264 Resp: 8635

Ion	Ratio	Lower	Upper
264	100		
260	24.7	20.5	30.7
265	29.3	22.8	34.2



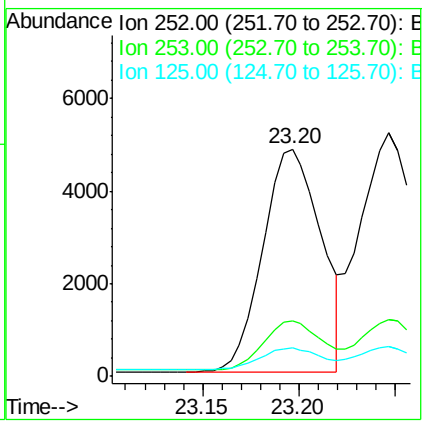


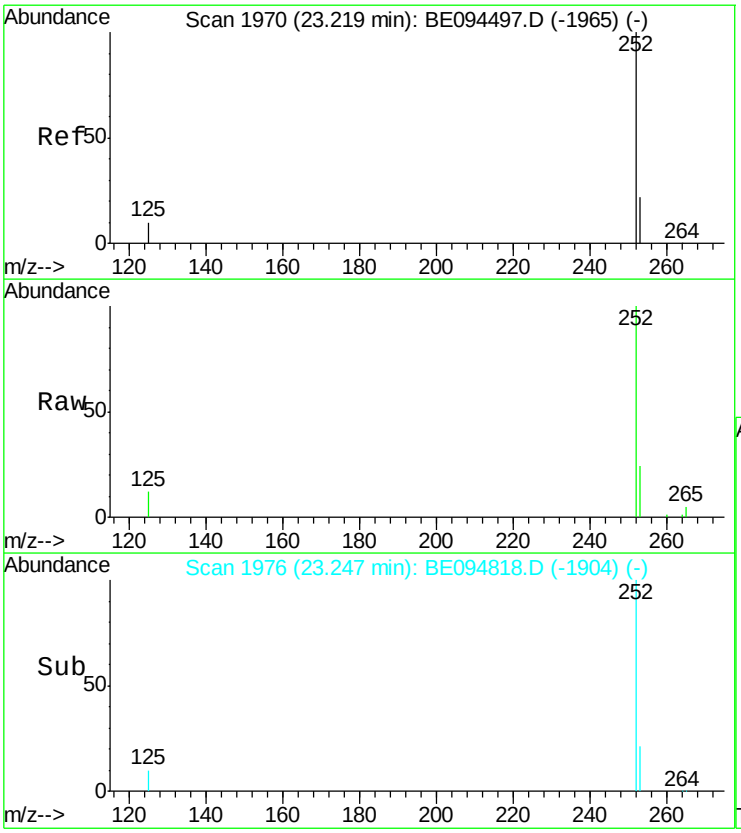
#35
Benzo(b)fluoranthene
Concen: 0.36 ng
RT: 23.20 min Scan# 1965
Delta R.T. 0.02 min
Lab File: BE094818.D
Acq: 15 Nov 2017 17:09

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 10131

Ion	Ratio	Lower	Upper
252	100		
253	24.5	48.0	72.0#
125	12.3	56.0	84.0#

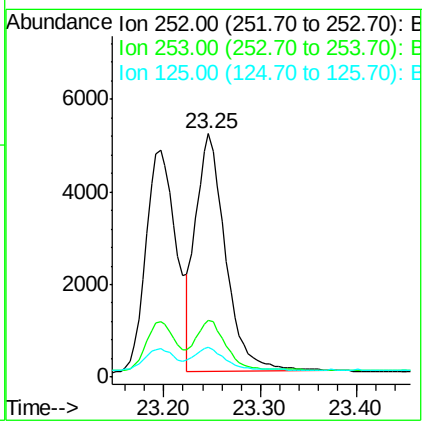


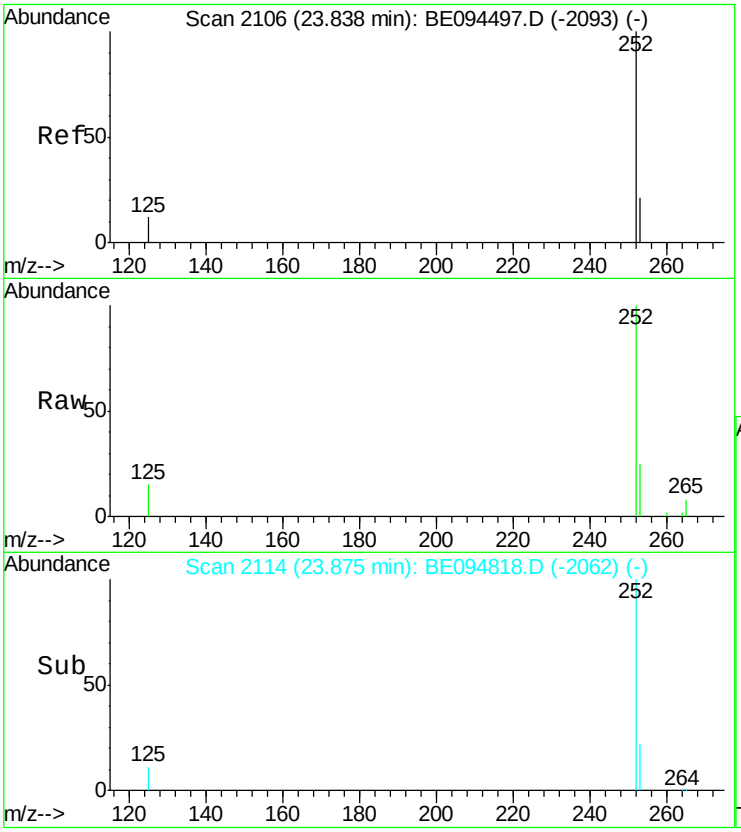


#36
Benzo(k)fluoranthene
Concen: 0.37 ng
RT: 23.25 min Scan# 1976
Delta R.T. 0.03 min
Lab File: BE094818.D
Acq: 15 Nov 2017 17:09

Tgt Ion:252 Resp: 11125

Ion	Ratio	Lower	Upper
252	100		
253	23.6	48.0	72.0#
125	12.4	56.0	84.0#



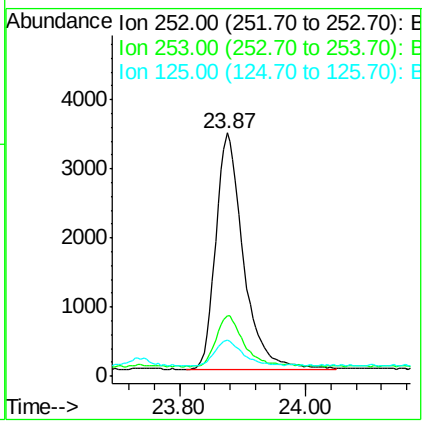


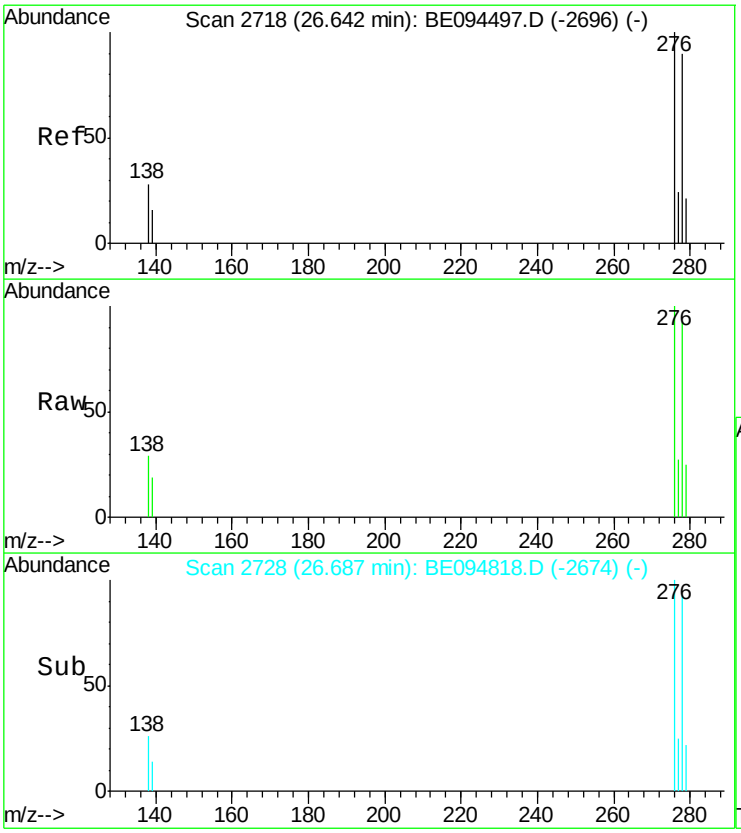
#37
Benzo(a)pyrene
Concen: 0.38 ng
RT: 23.87 min Scan# 2114
Delta R.T. 0.04 min
Lab File: BE094818.D
Acq: 15 Nov 2017 17:09

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 10376

Ion	Ratio	Lower	Upper
252	100		
253	24.8	52.0	78.0#
125	14.9	68.0	102.0#

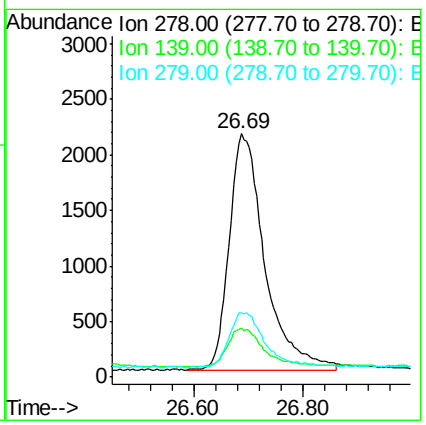


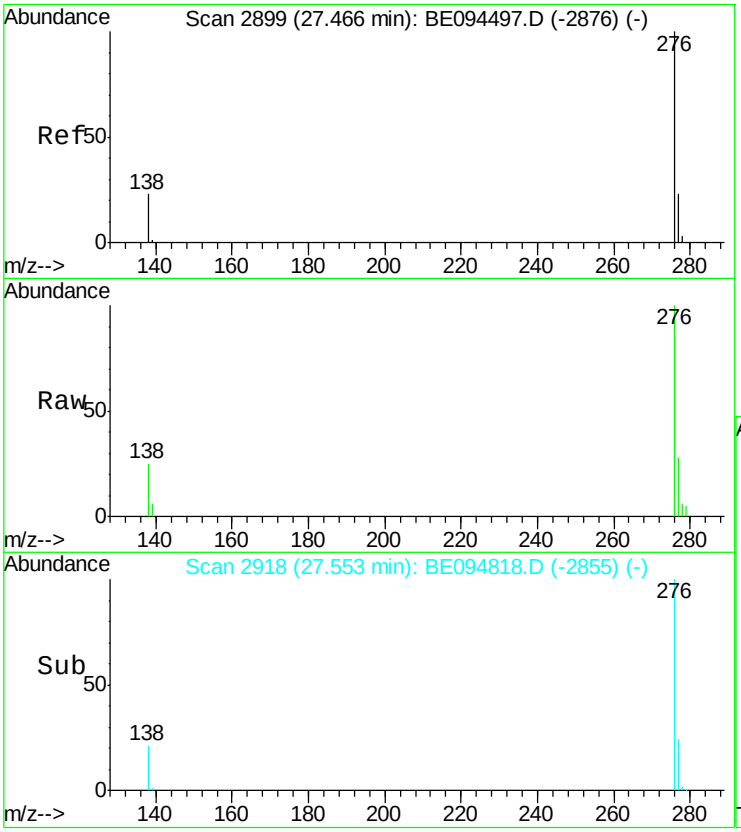


#38
Dibenzo(a,h)anthracene
Concen: 0.39 ng
RT: 26.69 min Scan# 2728
Delta R.T. 0.05 min
Lab File: BE094818.D
Acq: 15 Nov 2017 17:09

Tgt Ion:278 Resp: 9581

Ion	Ratio	Lower	Upper
278	100		
139	20.2	56.0	84.0#
279	26.6	52.0	78.0#





#39
Benzo(g,h,i)perylene
Concen: 0.42 ng
RT: 27.55 min Scan# 2918
Delta R.T. 0.09 min
Lab File: BE094818.D
Acq: 15 Nov 2017 17:09

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 9514

Ion	Ratio	Lower	Upper
276	100		
277	27.5	52.0	78.0#
138	25.1	44.0	66.0#