Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE121917\
Data File : BE095030.D
Acq On : 19 Dec 2017 13:50
Operator : SJ/JU
Sample : PB105118BSD
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Dec 20 00:47:19 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 14 18:42:53 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.46	152	6345	0.40	ng		-0.01
7) Naphthalene-d8	11.31	136	13956	0.40	ng		-0.02
13) Acenaphthene-d10	15.05	164	6918	0.40	ng		-0.01
19) Phenanthrene-d10	17.74	188	15663	0.40	ng		-0.03
27) Chrysene-d12	21.84	240	16564	0.40	ng		-0.03
34) Perylene-d12	24.50	264	13934	0.40	ng		-0.05
System Monitoring Compounds							
4) 2-Fluorophenol	5.94	112	2916	0.30	ng		-0.01
5) Phenol-d6	7.59	99	4057	0.28	ng		0.00
8) Nitrobenzene-d5	9.65	82	3909	0.34	ng		0.00
11) 2-Methylnaphthalene-d10	12.84	152	6558	0.29	ng		-0.02
14) 2,4,6-Tribromophenol	16.50	330	443	0.28	ng		-0.03
15) 2-Fluorobiphenyl	13.68	172	10076	0.33	ng		-0.01
25) Fluoranthene-d10	19.72	212	57198	0.28	ng		-0.03
29) Terphenyl-d14	20.28	244	11178	0.36	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	3.66	88	1987	0.318	ng	#	46
3) n-Nitrosodimethylamine	4.01	42	2091	0.283	ng	#	95
6) bis(2-Chloroethyl)ether	7.85	93	4039	0.283	ng		99
9) Naphthalene	11.36	128	46410	0.283	ng		99
10) Hexachlorobutadiene	11.61	225	2130	0.286	ng		95
12) 2-Methylnaphthalene	12.91	142	10701	0.262	ng		97
16) Acenaphthylene	14.76	152	9982	0.270	ng		100
17) Acenaphthene	15.11	154	6806	0.277	ng		97
18) Fluorene	16.07	166	8452	0.277	ng	#	79
20) 4-Bromophenyl-phenylether	16.94	248	2757	0.301	ng		89
21) Hexachlorobenzene	17.06	284	2685	0.286	ng	#	83
22) Pentachlorophenol	17.40	266	1139	0.570	ng	#	79
23) Phenanthrene	17.79	178	13965	0.286	ng		98
24) Anthracene	17.88	178	14320	0.286	ng	#	89
26) Fluoranthene	19.75	202	17012	0.282	ng		99
28) Pyrene	20.10	202	20490	0.365	ng		98
30) Benzo(a)anthracene	21.82	228	15355	0.317	ng	#	61
31) Chrysene	21.89	228	17756	0.326	ng	#	63
32) Bis(2-ethylhexyl)phthalate	21.70	149	17653	0.286	ng		100
35) Benzo(b)fluoranthene	23.67	252	14920	0.292	ng	#	91
36) Benzo(k)fluoranthene	23.73	252	14643	0.282	ng	#	93
37) Benzo(a)pyrene	24.38	252	13161	0.290	ng	#	94

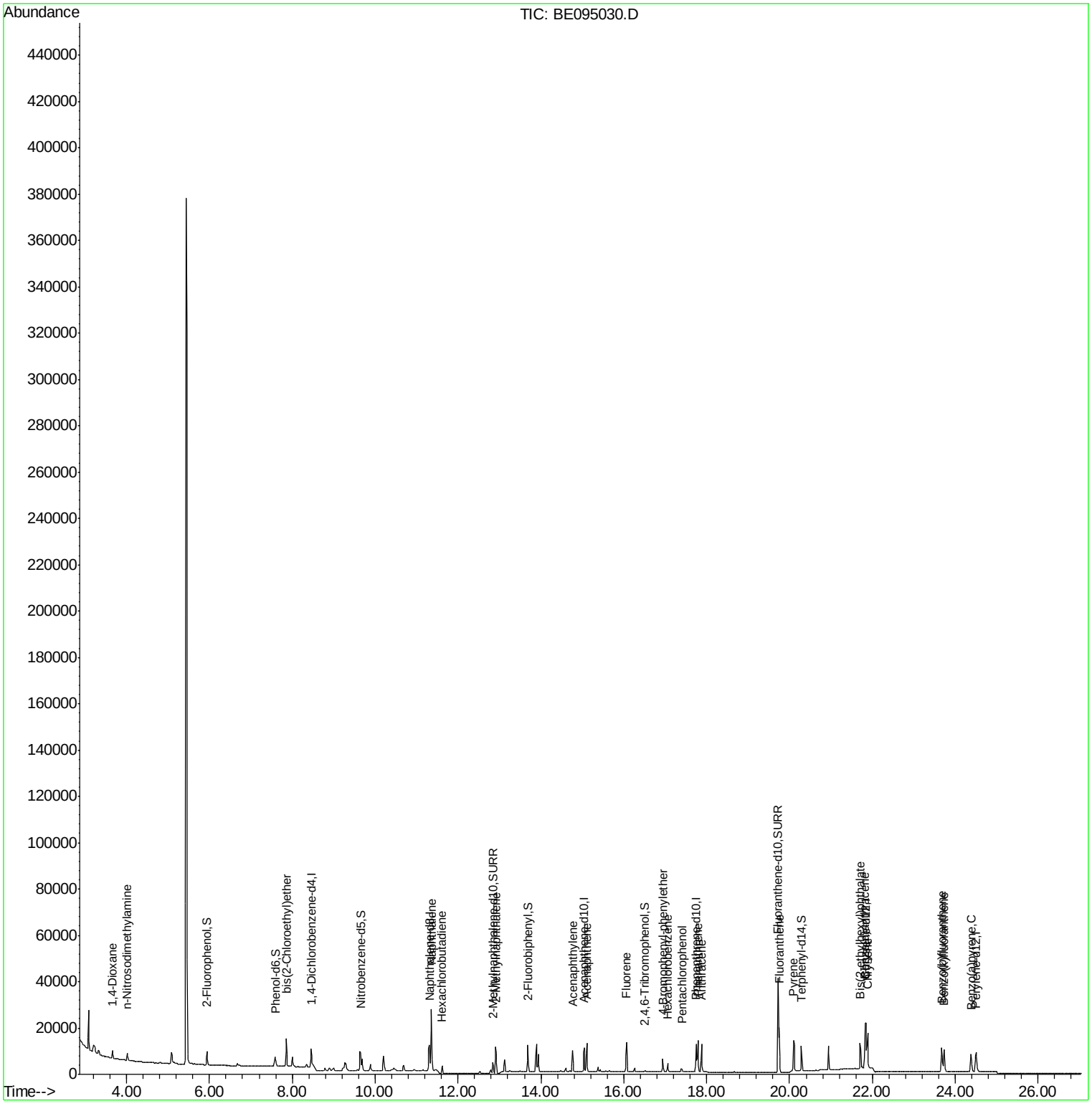
(#) = qualifier out of range (m) = manual integration (+) = signals summed

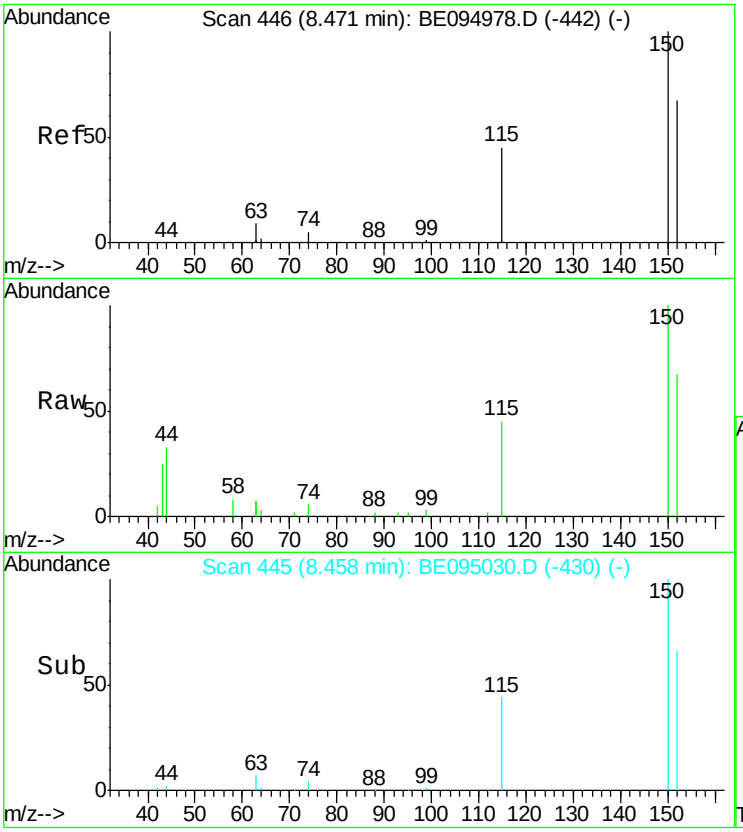
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE121917\
Data File : BE095030.D
Acq On : 19 Dec 2017 13:50
Operator : SJ/JU
Sample : PB105118BSD
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Dec 20 00:47:19 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 14 18:42:53 2017
Response via : Initial Calibration



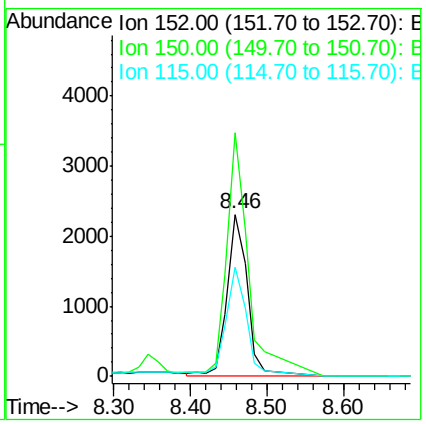


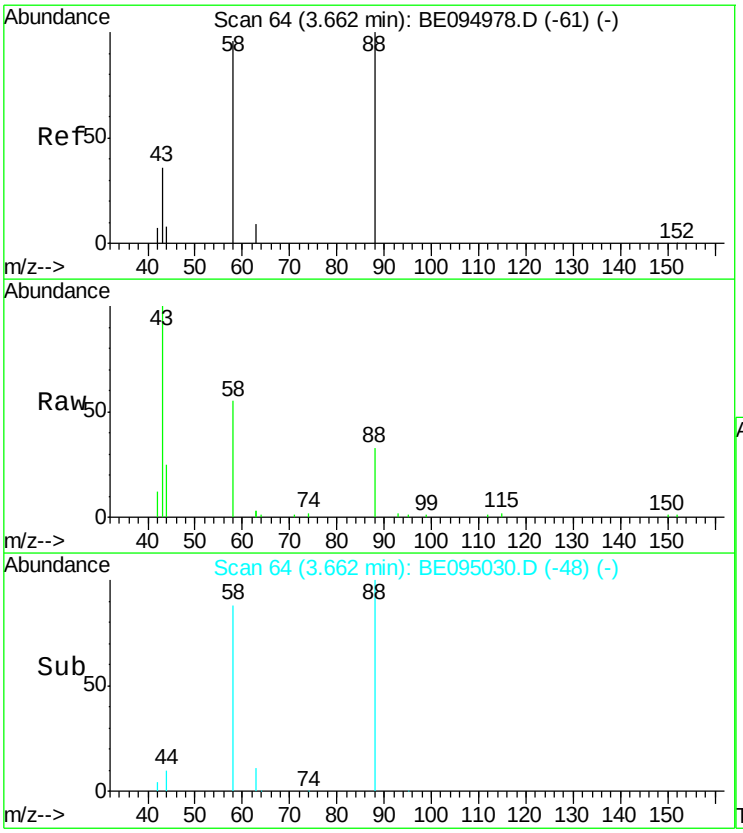
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.46 min Scan# 445
Delta R.T. -0.01 min
Lab File: BE095030.D
Acq: 19 Dec 2017 13:50

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 6345

Ion	Ratio	Lower	Upper
152	100		
150	150.0	117.2	175.8
115	67.7	57.0	85.6

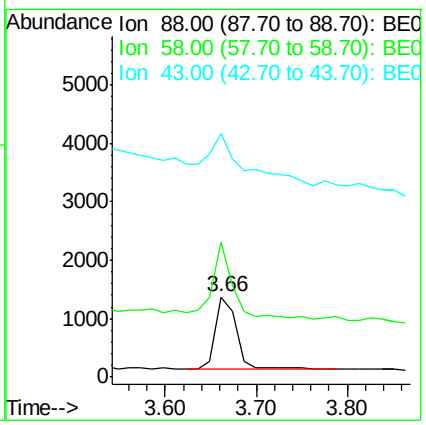


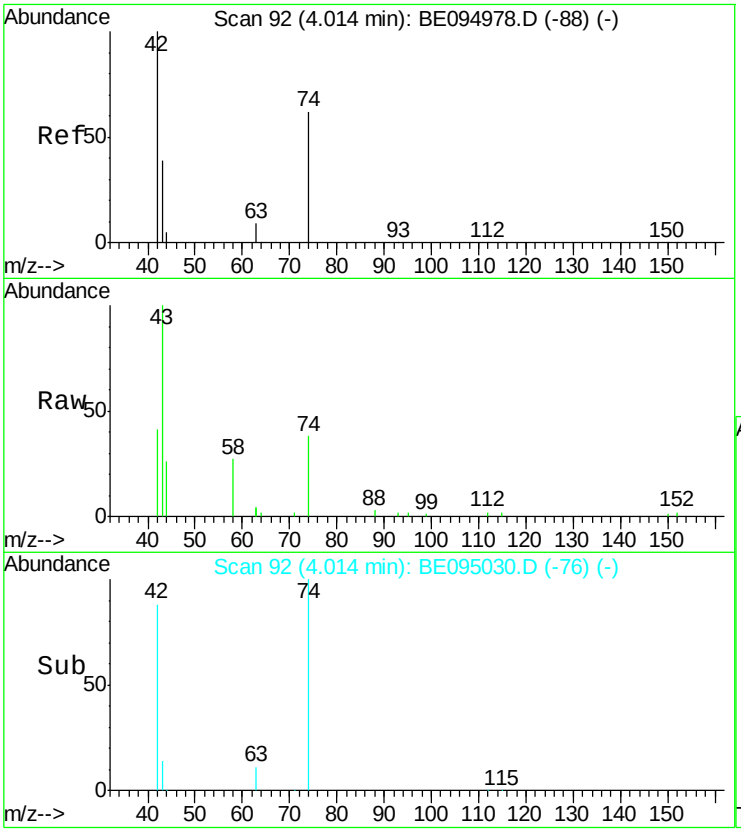


#2
1,4-Dioxane
Concen: 0.318 ng
RT: 3.66 min Scan# 64
Delta R.T. 0.00 min
Lab File: BE095030.D
Acq: 19 Dec 2017 13:50

Tgt Ion: 88 Resp: 1987

Ion	Ratio	Lower	Upper
88	100		
58	101.6	63.2	94.8#
43	118.8	41.2	61.8#



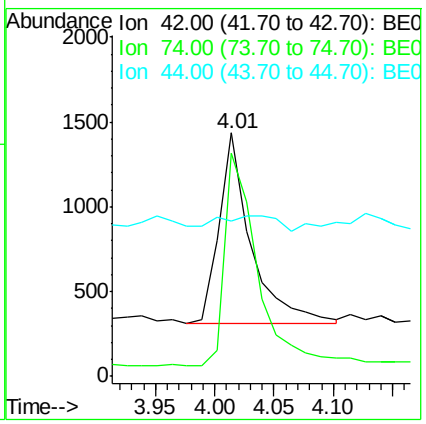


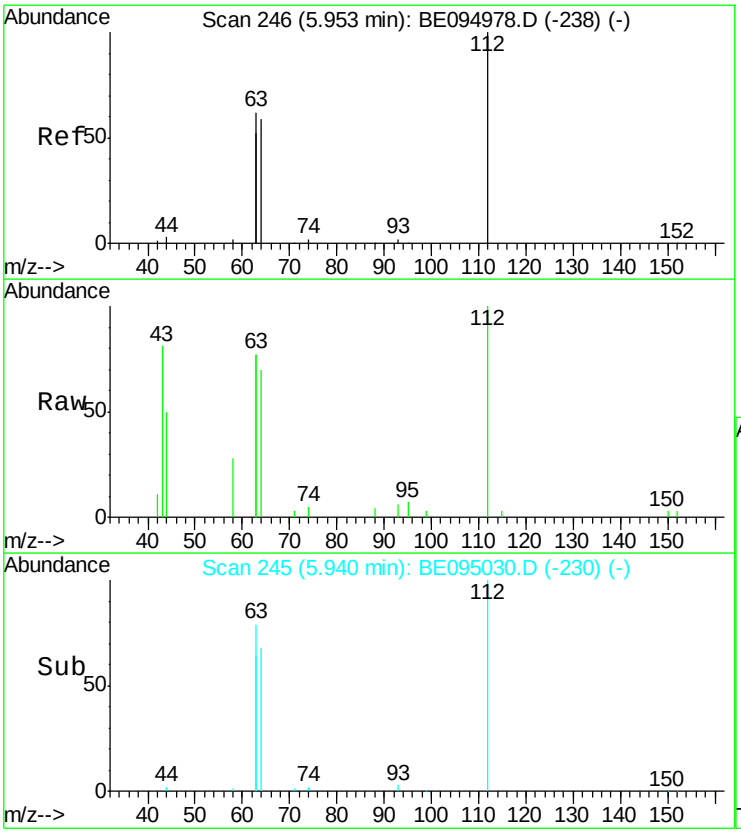
#3
n-Nitrosodimethylamine
Concen: 0.283 ng
RT: 4.01 min Scan# 92
Delta R.T. 0.00 min
Lab File: BE095030.D
Acq: 19 Dec 2017 13:50

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 42 Resp: 2091

Ion	Ratio	Lower	Upper
42	100		
74	119.0	96.0	144.0
44	0.0	12.0	18.0#

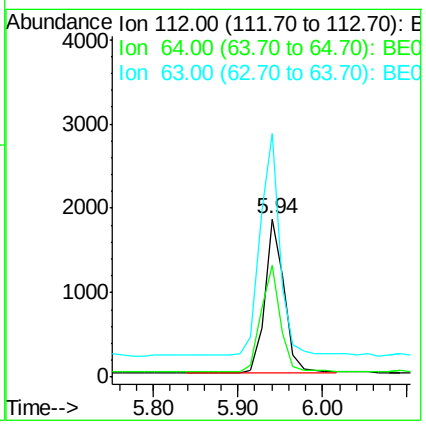


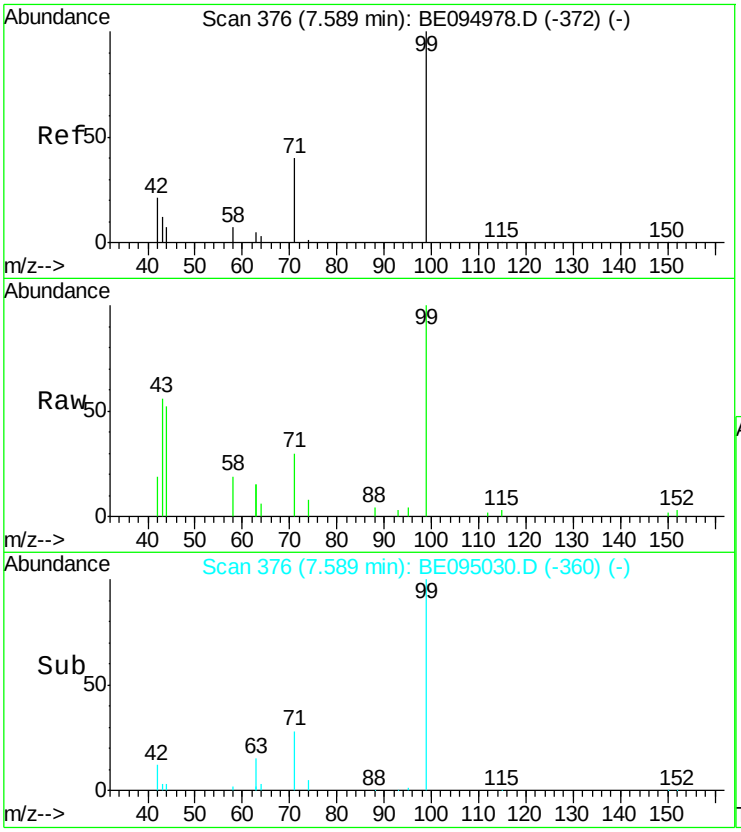


#4
2-Fluorophenol
Concen: 0.296 ng
RT: 5.94 min Scan# 245
Delta R.T. -0.01 min
Lab File: BE095030.D
Acq: 19 Dec 2017 13:50

Tgt Ion:112 Resp: 2916

Ion	Ratio	Lower	Upper
112	100		
64	68.9	60.1	90.1
63	148.5	116.8	175.2



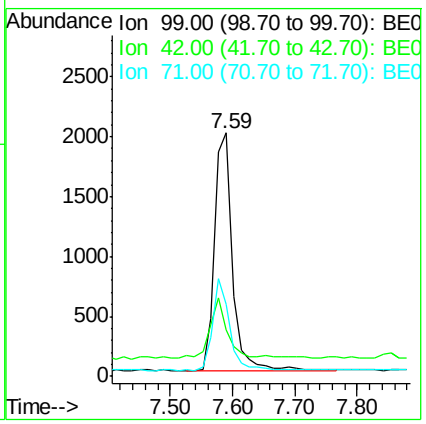


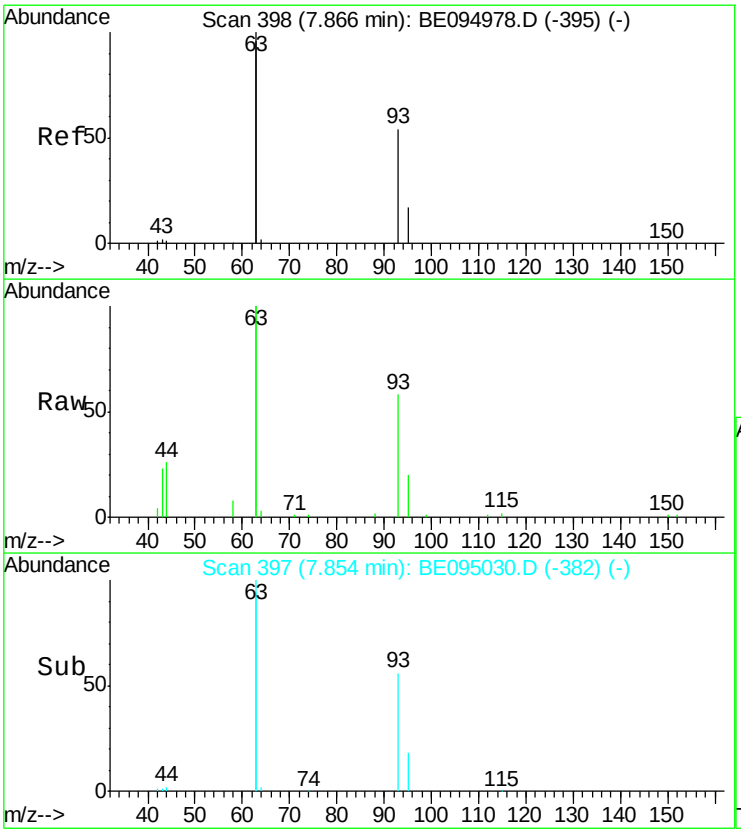
#5
Phenol-d6
Concen: 0.277 ng
RT: 7.59 min Scan# 376
Delta R.T. 0.00 min
Lab File: BE095030.D
Acq: 19 Dec 2017 13:50

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 99 Resp: 4057

Ion	Ratio	Lower	Upper
99	100		
42	24.0	20.2	30.2
71	36.7	28.4	42.6

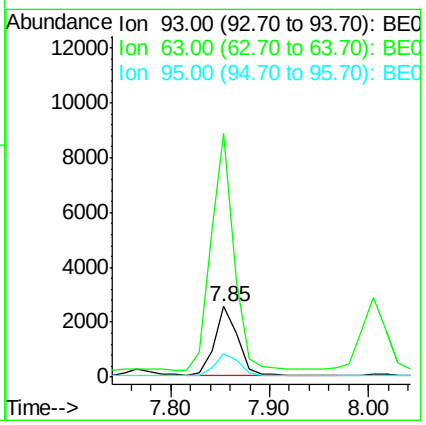


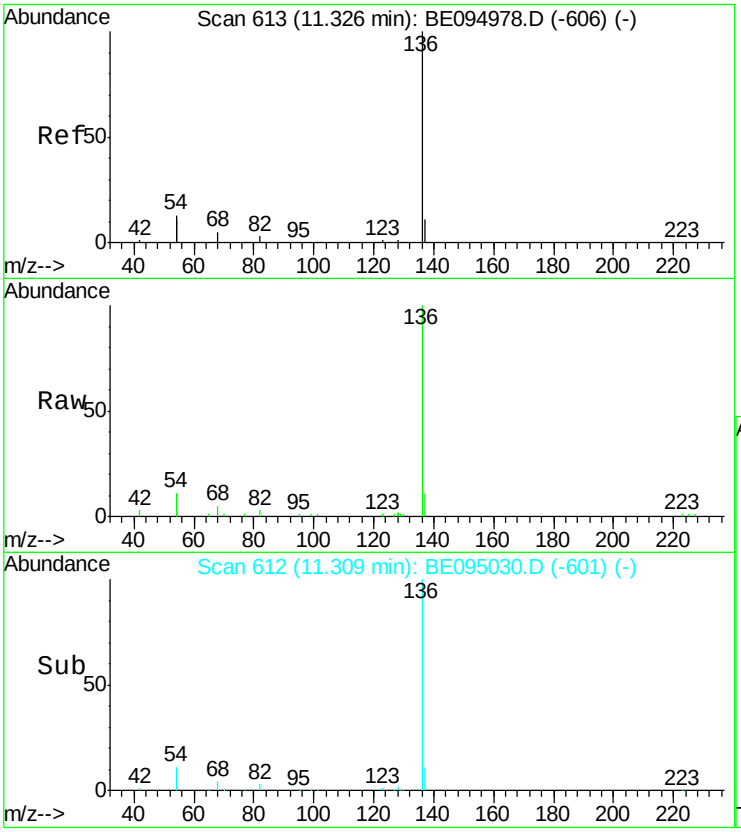


#6
bis(2-Chloroethyl)ether
Concen: 0.283 ng
RT: 7.85 min Scan# 397
Delta R.T. -0.01 min
Lab File: BE095030.D
Acq: 19 Dec 2017 13:50

Tgt Ion: 93 Resp: 4039

Ion	Ratio	Lower	Upper
93	100		
63	341.6	275.3	412.9
95	33.2	25.2	37.8



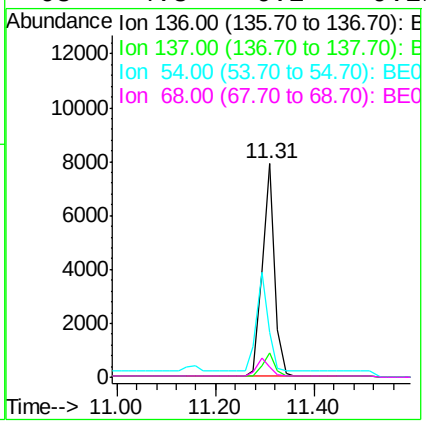


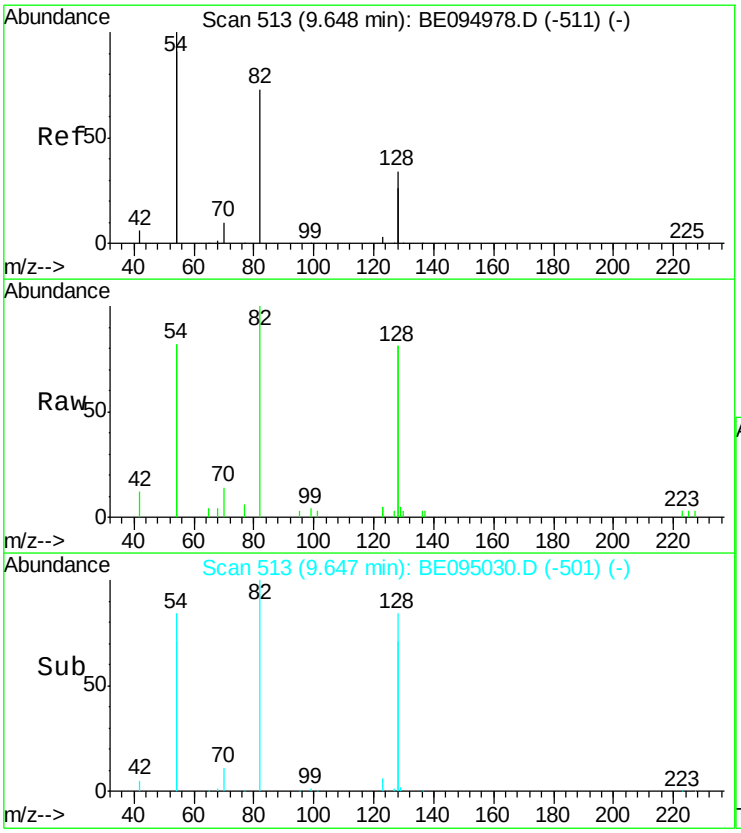
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 11.31 min Scan# 612
Delta R.T. -0.02 min
Lab File: BE095030.D
Acq: 19 Dec 2017 13:50

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:136 Resp: 13956

Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.5	14.3
54	21.3	29.1	43.7#
68	4.8	6.2	9.2#

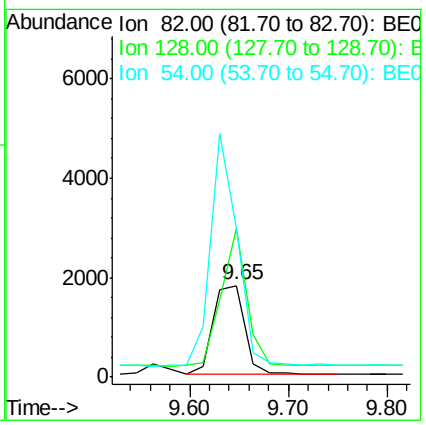


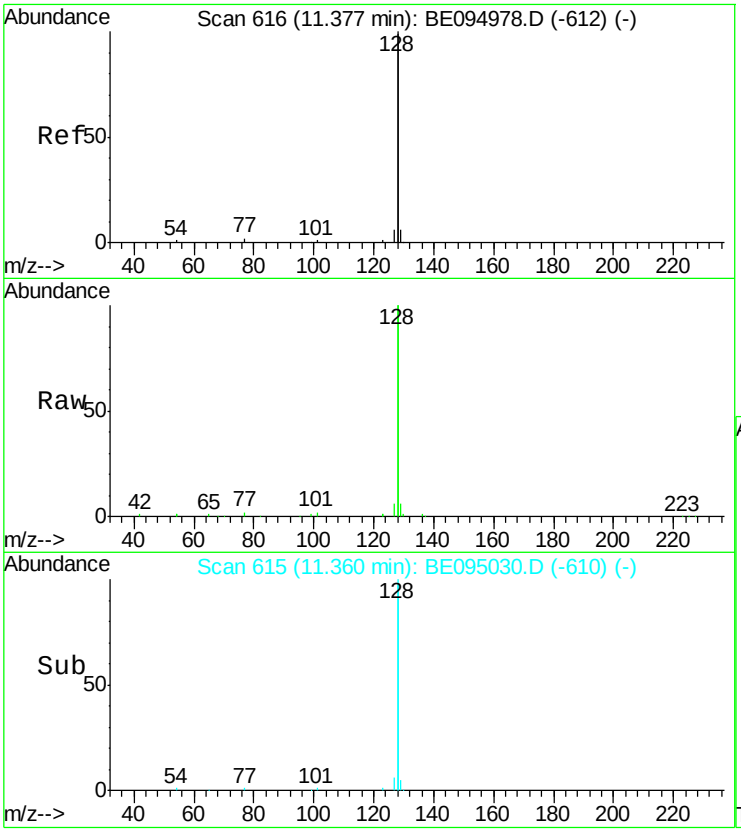


#8
Nitrobenzene-d5
Concen: 0.341 ng
RT: 9.65 min Scan# 513
Delta R.T. -0.00 min
Lab File: BE095030.D
Acq: 19 Dec 2017 13:50

Tgt Ion: 82 Resp: 3909

Ion	Ratio	Lower	Upper
82	100		
128	162.7	150.0	225.0
54	163.3	154.2	231.4



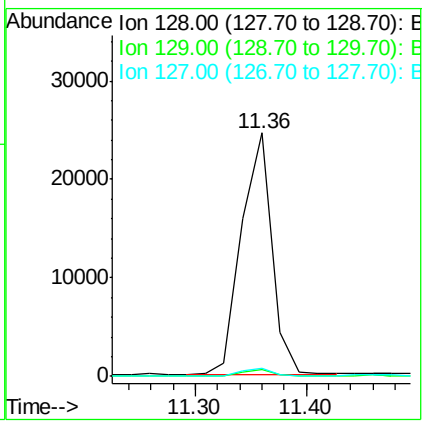


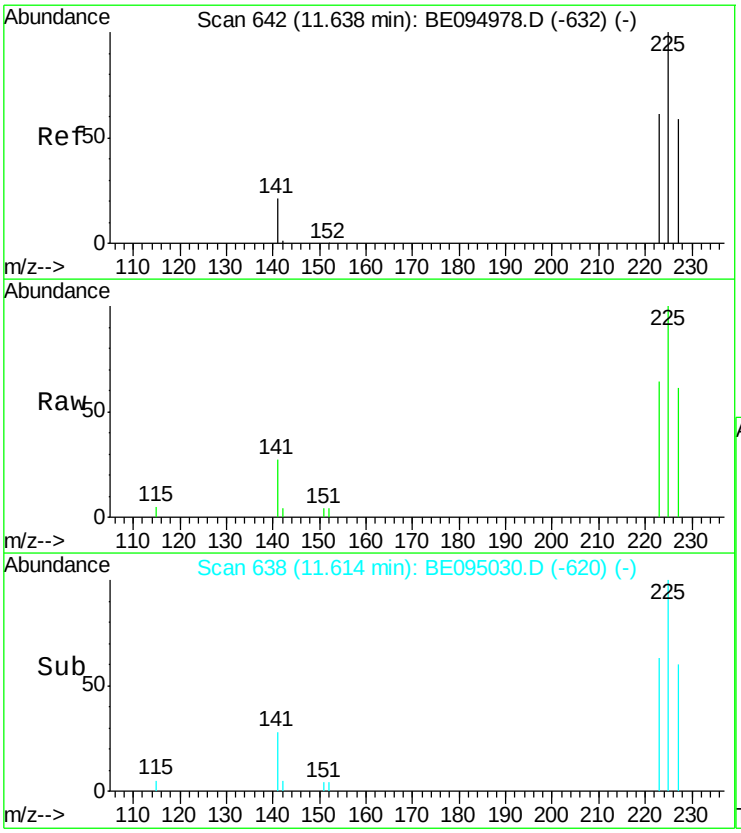
#9
Naphthalene
Concen: 0.283 ng
RT: 11.36 min Scan# 615
Delta R.T. -0.02 min
Lab File: BE095030.D
Acq: 19 Dec 2017 13:50

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:128 Resp: 46410

Ion	Ratio	Lower	Upper
128	100		
129	3.0	2.6	3.8
127	3.1	2.8	4.2

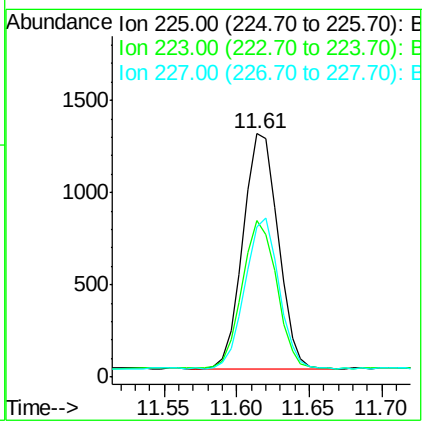


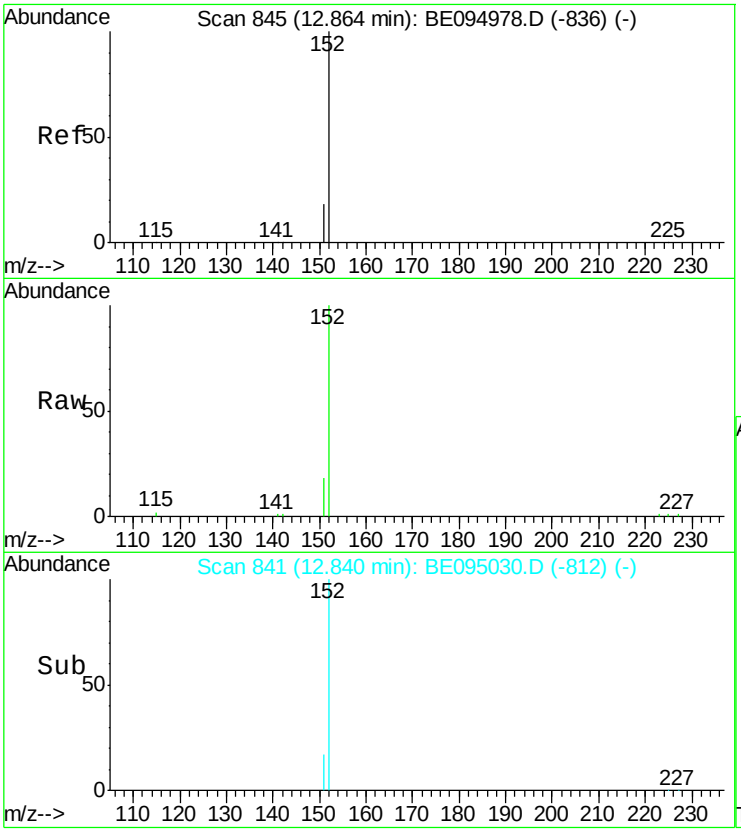


#10
Hexachlorobutadiene
Concen: 0.286 ng
RT: 11.61 min Scan# 638
Delta R.T. -0.02 min
Lab File: BE095030.D
Acq: 19 Dec 2017 13:50

Tgt Ion:225 Resp: 2130

Ion	Ratio	Lower	Upper
225	100		
223	61.7	53.0	79.6
227	61.5	51.4	77.2



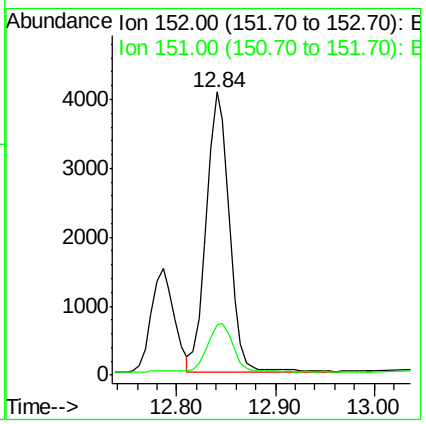


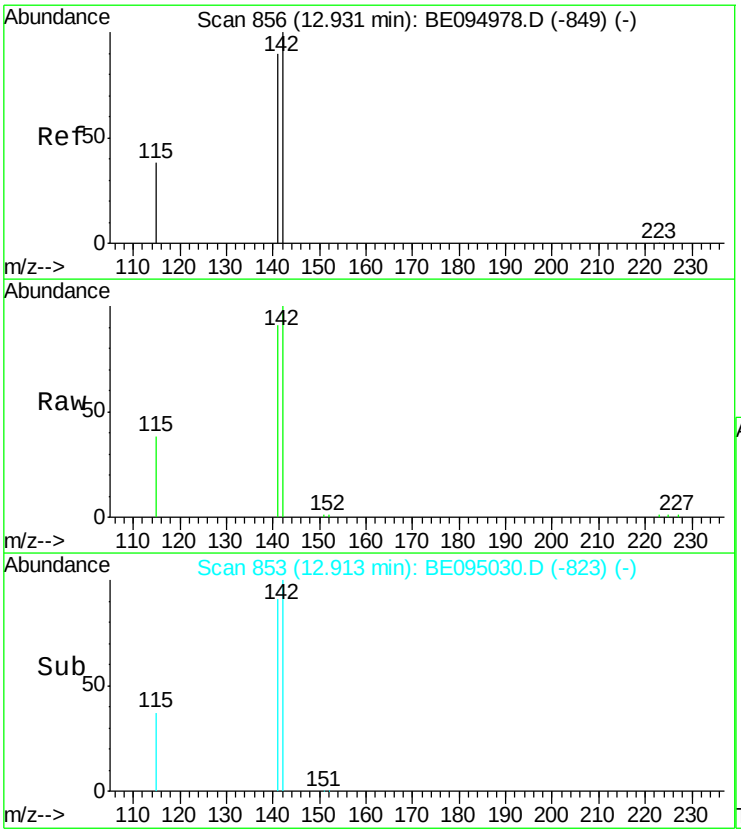
#11
2-Methylnaphthalene-d10
Concen: 0.287 ng
RT: 12.84 min Scan# 841
Delta R.T. -0.02 min
Lab File: BE095030.D
Acq: 19 Dec 2017 13:50

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 6558

Ion	Ratio	Lower	Upper
152	100		
151	18.8	15.4	23.0

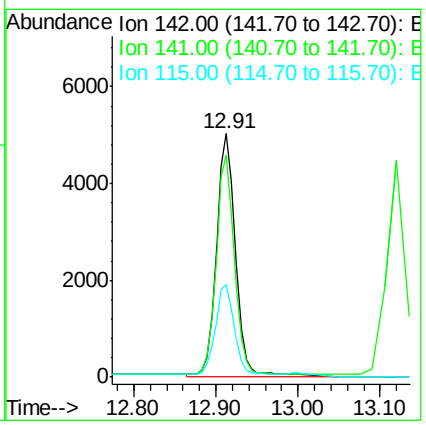


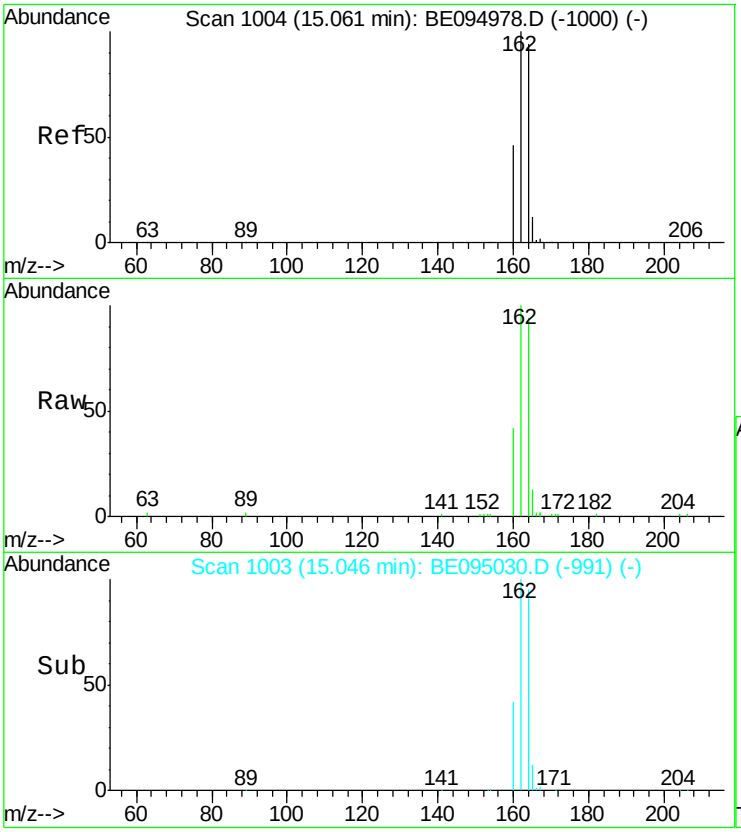


#12
2-Methylnaphthalene
Concen: 0.262 ng
RT: 12.91 min Scan# 853
Delta R.T. -0.02 min
Lab File: BE095030.D
Acq: 19 Dec 2017 13:50

Tgt Ion:142 Resp: 10701

Ion	Ratio	Lower	Upper
142	100		
141	91.2	70.4	105.6
115	38.1	31.7	47.5



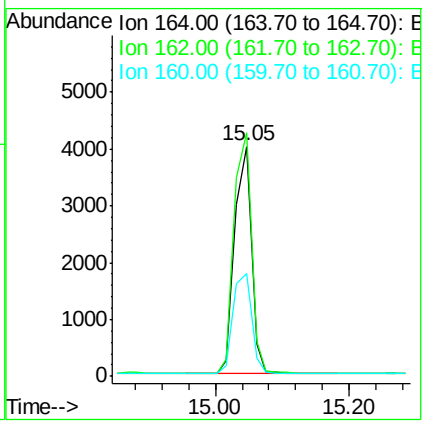


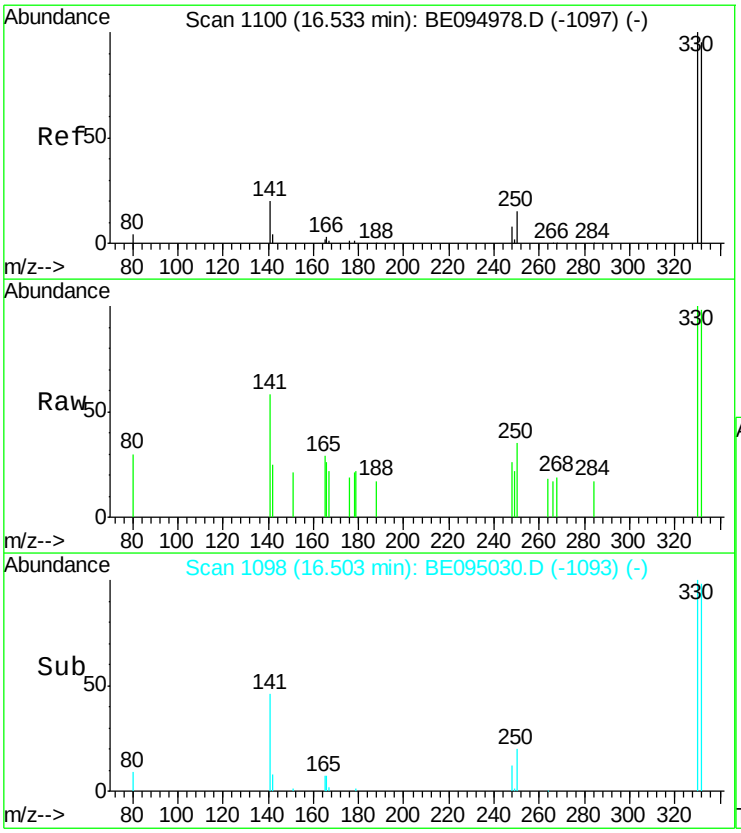
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 15.05 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BE095030.D
Acq: 19 Dec 2017 13:50

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:164 Resp: 6918

Ion	Ratio	Lower	Upper
164	100		
162	106.1	83.1	124.7
160	44.7	37.1	55.7

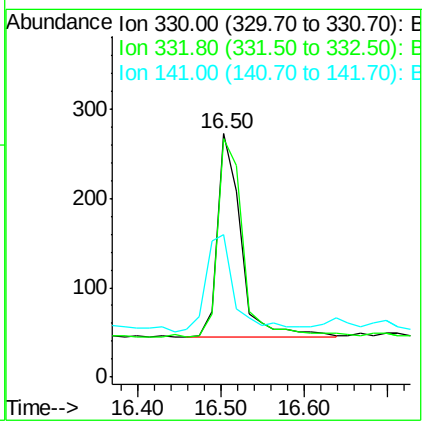


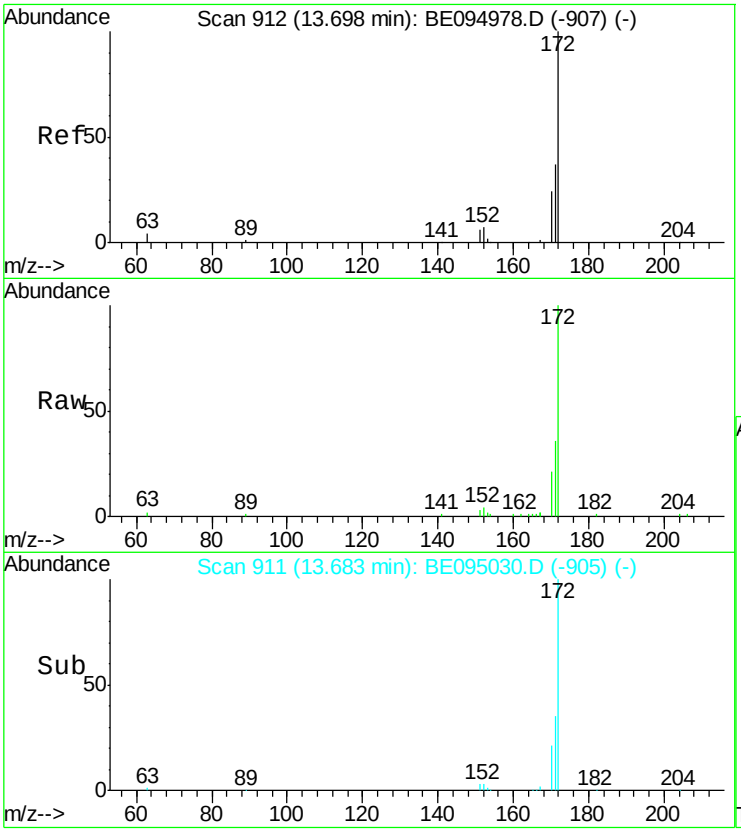


#14
2,4,6-Tribromophenol
Concen: 0.276 ng
RT: 16.50 min Scan# 1098
Delta R.T. -0.03 min
Lab File: BE095030.D
Acq: 19 Dec 2017 13:50

Tgt Ion:330 Resp: 443

Ion	Ratio	Lower	Upper
330	100		
332	105.4	152.7	229.1#
141	60.0	33.7	50.5#



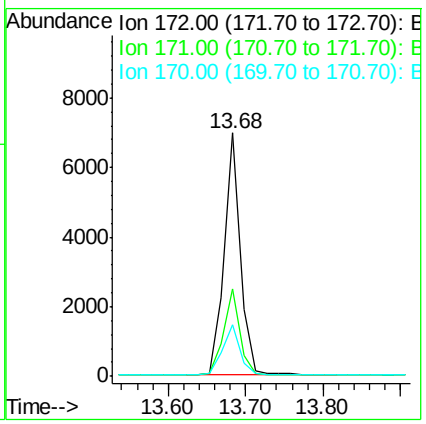


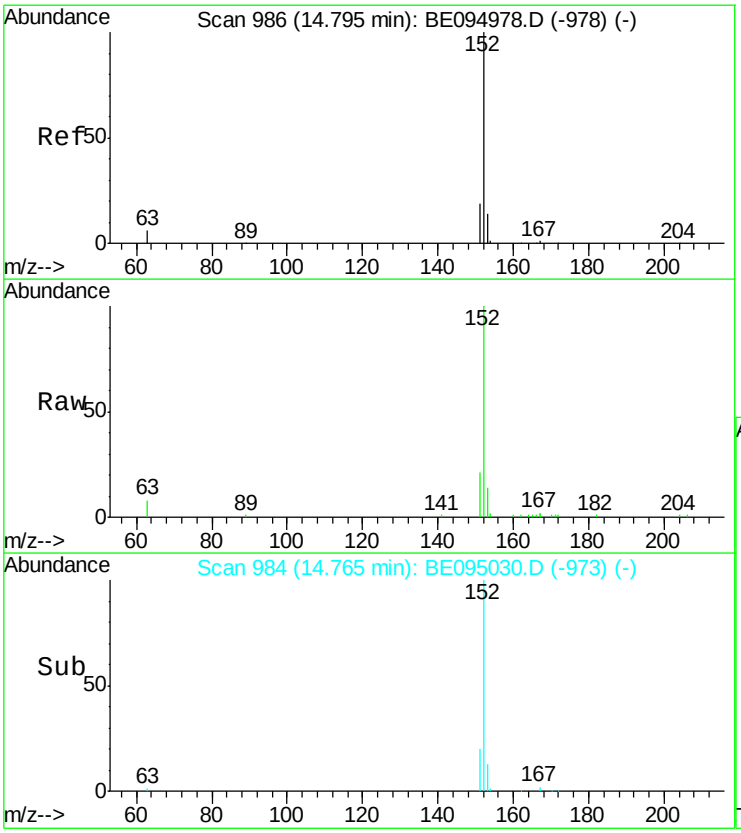
#15
2-Fluorobiphenyl
Concen: 0.329 ng
RT: 13.68 min Scan# 911
Delta R.T. -0.01 min
Lab File: BE095030.D
Acq: 19 Dec 2017 13:50

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:172 Resp: 10076

Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.9	44.9
170	21.2	21.8	32.8#

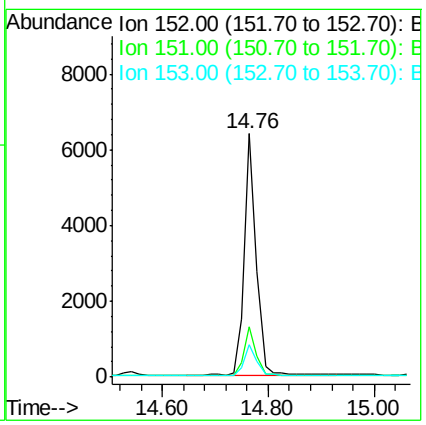


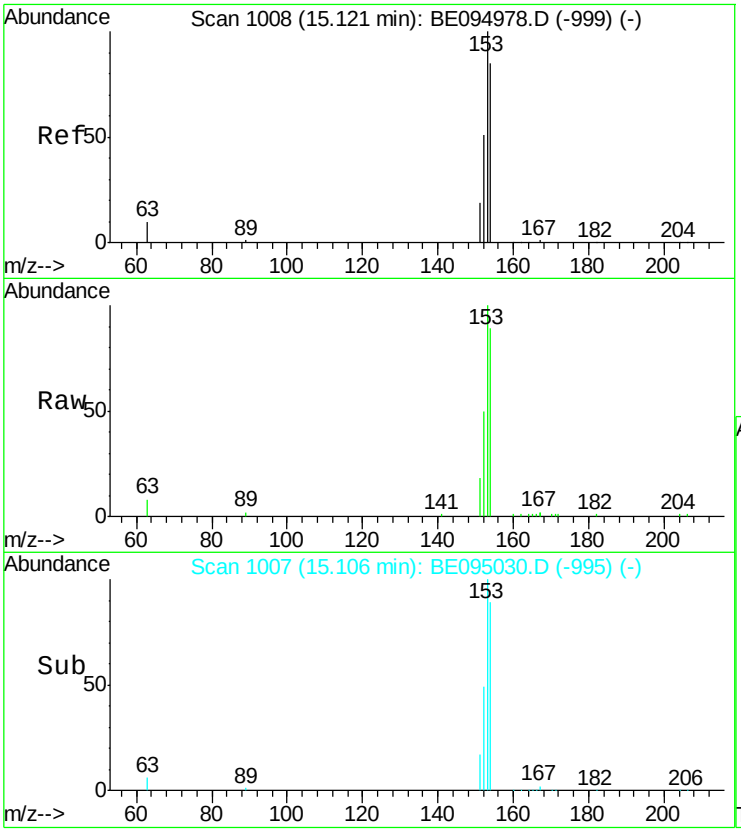


#16
Acenaphthylene
Concen: 0.270 ng
RT: 14.76 min Scan# 984
Delta R.T. -0.03 min
Lab File: BE095030.D
Acq: 19 Dec 2017 13:50

Tgt Ion:152 Resp: 9982

Ion	Ratio	Lower	Upper
152	100		
151	19.6	15.7	23.5
153	13.0	10.5	15.7



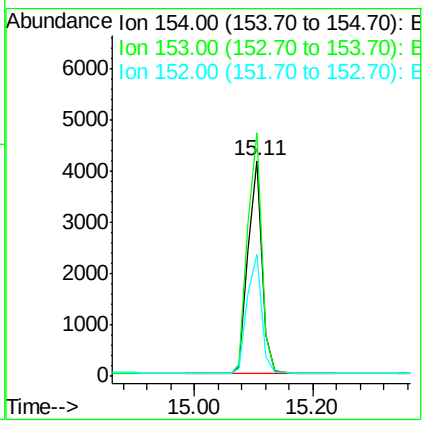


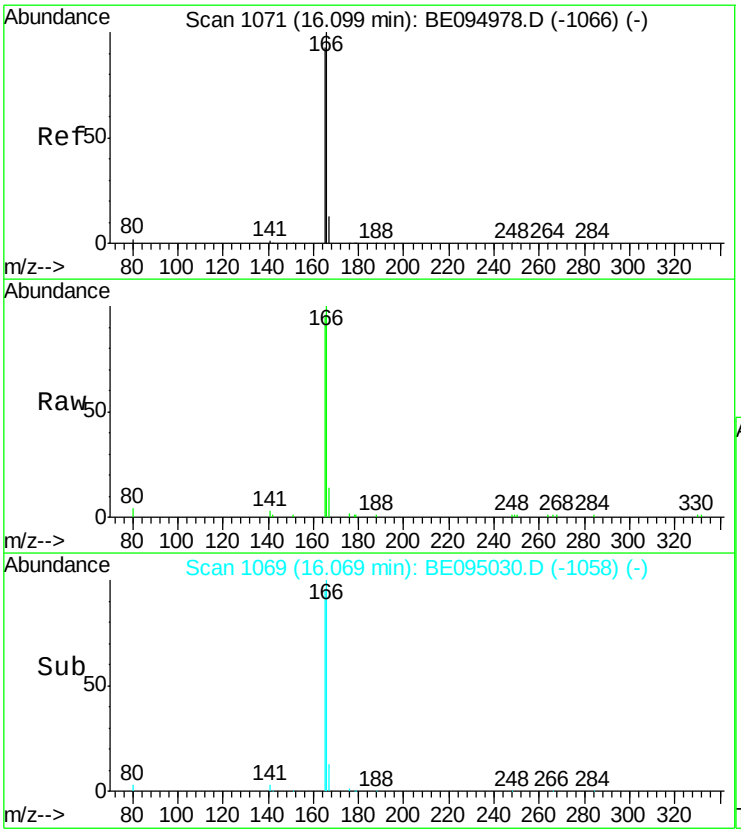
#17
Acenaphthene
Concen: 0.277 ng
RT: 15.11 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BE095030.D
Acq: 19 Dec 2017 13:50

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:154 Resp: 6806

Ion	Ratio	Lower	Upper
154	100		
153	113.4	89.2	133.8
152	57.1	42.0	63.0

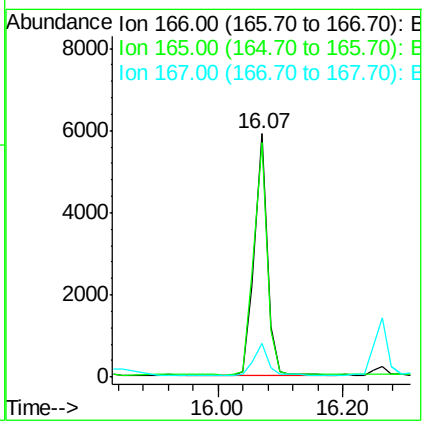


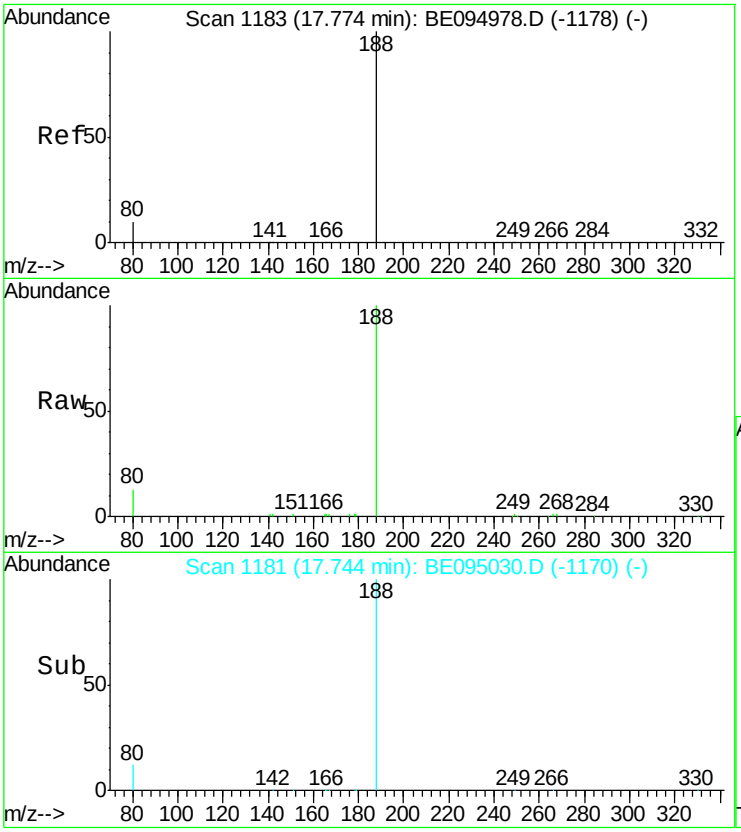


#18
Fluorene
Concen: 0.277 ng
RT: 16.07 min Scan# 1069
Delta R.T. -0.03 min
Lab File: BE095030.D
Acq: 19 Dec 2017 13:50

Tgt Ion:166 Resp: 8452

Ion	Ratio	Lower	Upper
166	100		
165	99.8	77.8	116.6
167	13.6	42.4	63.6#



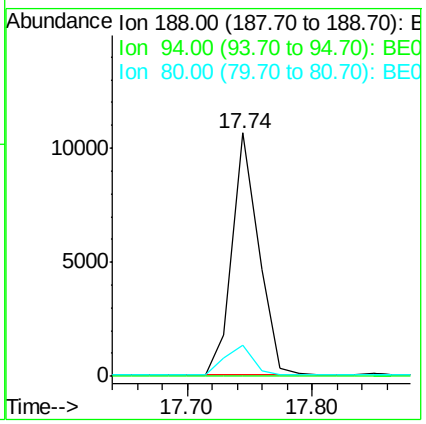


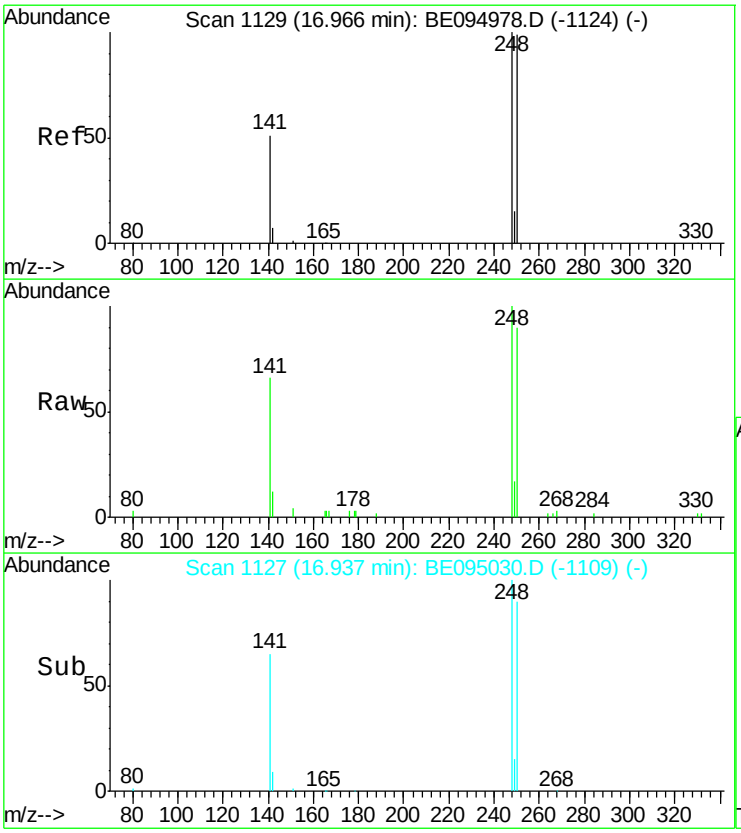
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.74 min Scan# 1181
Delta R.T. -0.03 min
Lab File: BE095030.D
Acq: 19 Dec 2017 13:50

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:188 Resp: 15663

Ion	Ratio	Lower	Upper
188	100		
94	0.0	3.9	5.9#
80	12.6	3.6	5.4#

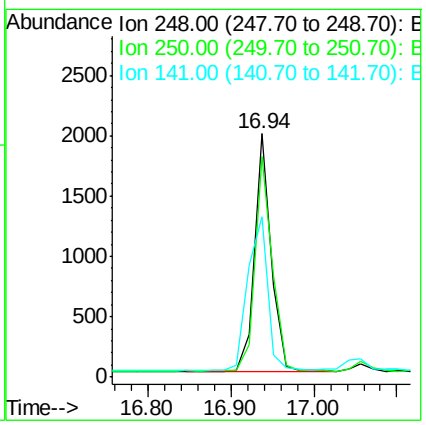


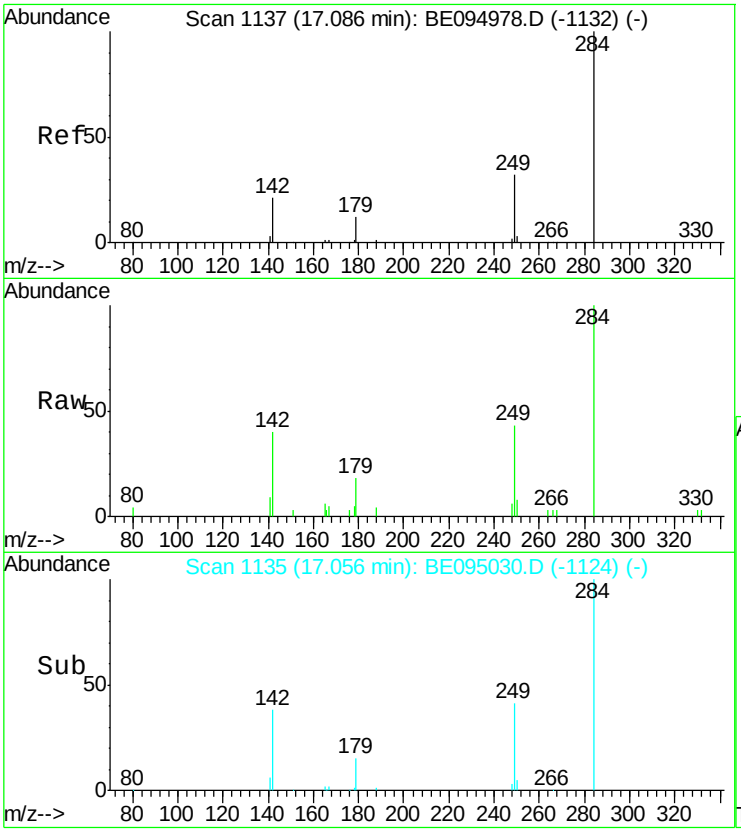


#20
4-Bromophenyl-phenylether
Concen: 0.301 ng
RT: 16.94 min Scan# 1127
Delta R.T. -0.03 min
Lab File: BE095030.D
Acq: 19 Dec 2017 13:50

Tgt Ion:248 Resp: 2757

Ion	Ratio	Lower	Upper
248	100		
250	90.5	62.7	94.1
141	66.0	48.2	72.2



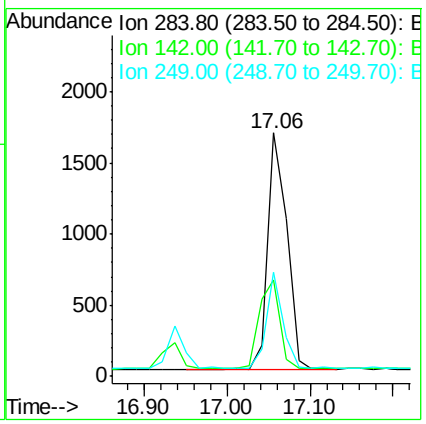


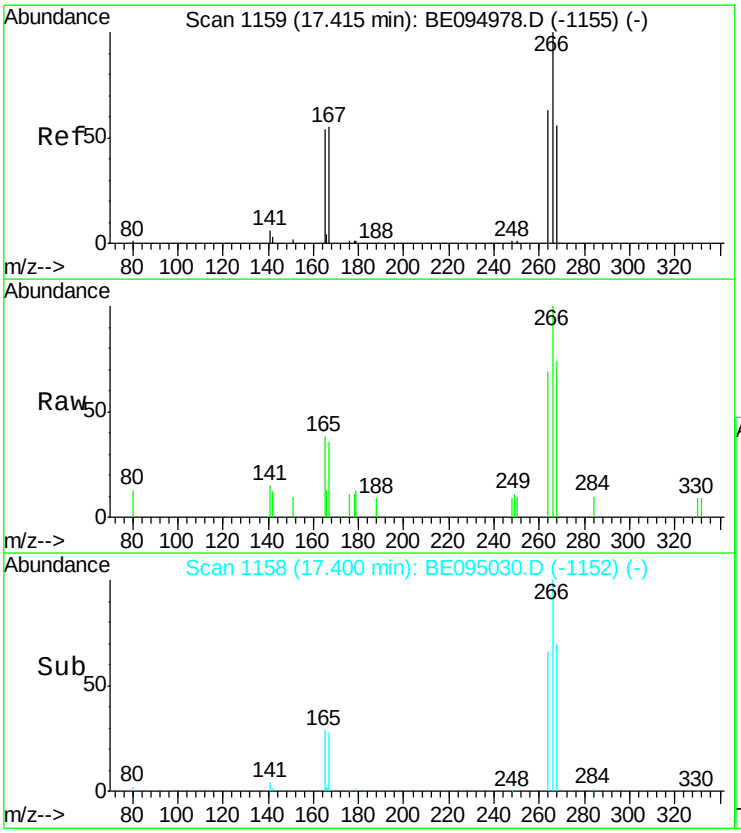
#21
Hexachlorobenzene
Concen: 0.286 ng
RT: 17.06 min Scan# 1135
Delta R.T. -0.03 min
Lab File: BE095030.D
Acq: 19 Dec 2017 13:50

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:284 Resp: 2685

Ion	Ratio	Lower	Upper
284	100		
142	40.2	22.1	33.1#
249	36.0	34.8	52.2

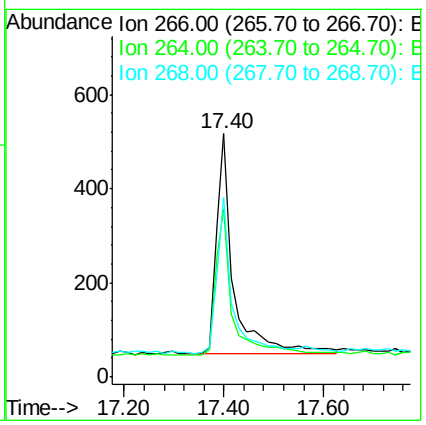


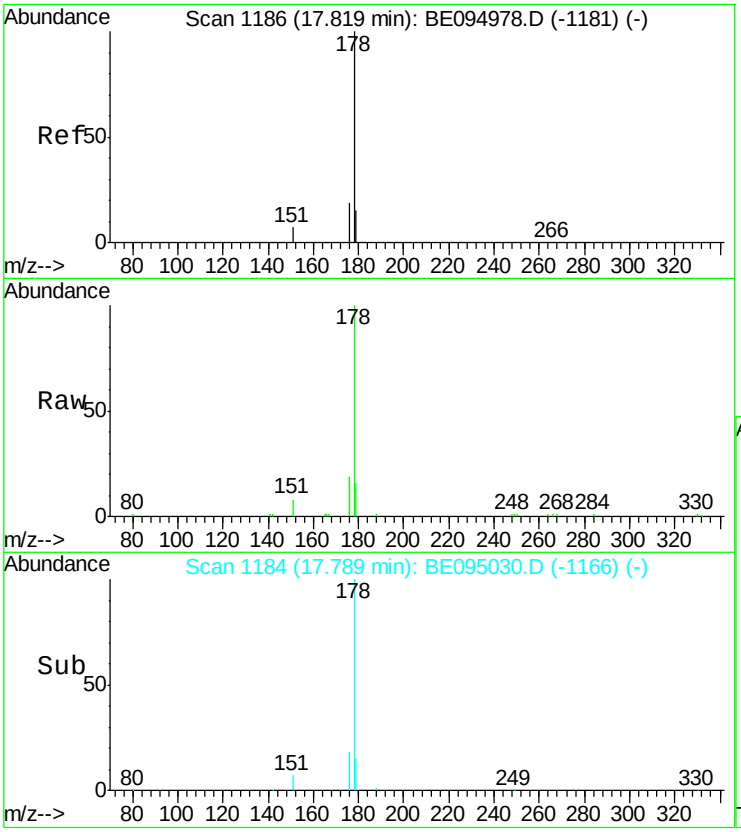


#22
Pentachlorophenol
Concen: 0.570 ng
RT: 17.40 min Scan# 1158
Delta R.T. -0.01 min
Lab File: BE095030.D
Acq: 19 Dec 2017 13:50

Tgt Ion:266 Resp: 1139

Ion	Ratio	Lower	Upper
266	100		
264	69.2	72.5	108.7#
268	73.7	73.8	110.6#



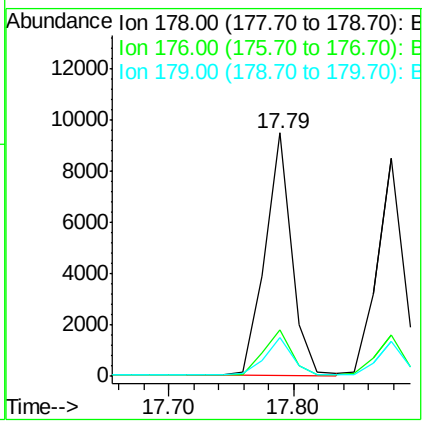


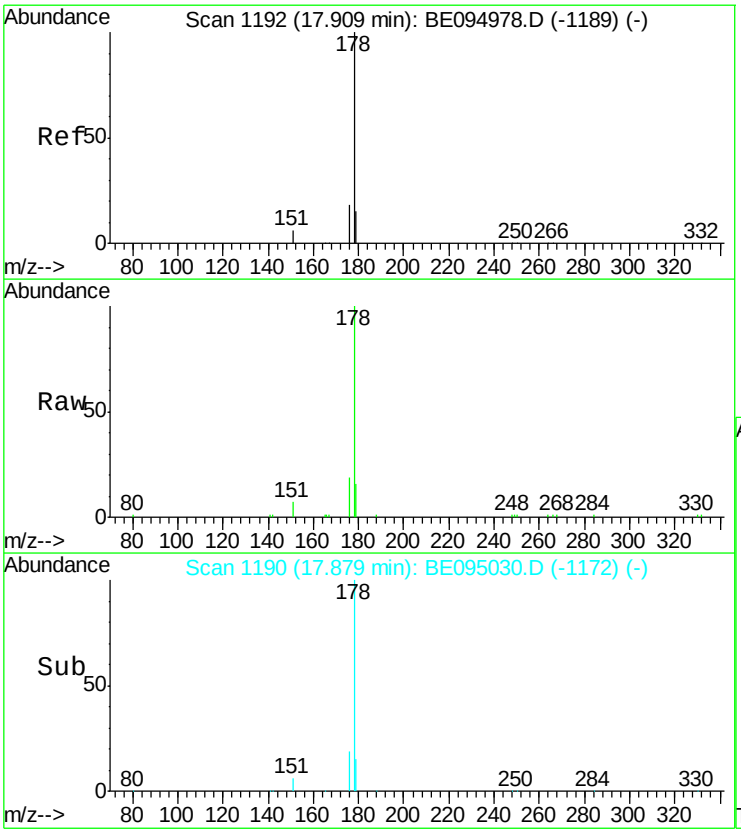
#23
Phenanthrene
Concen: 0.286 ng
RT: 17.79 min Scan# 1184
Delta R.T. -0.03 min
Lab File: BE095030.D
Acq: 19 Dec 2017 13:50

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 13965

Ion	Ratio	Lower	Upper
178	100		
176	19.9	15.1	22.7
179	15.2	11.8	17.6

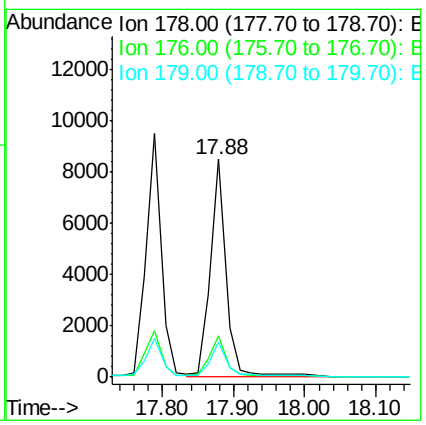


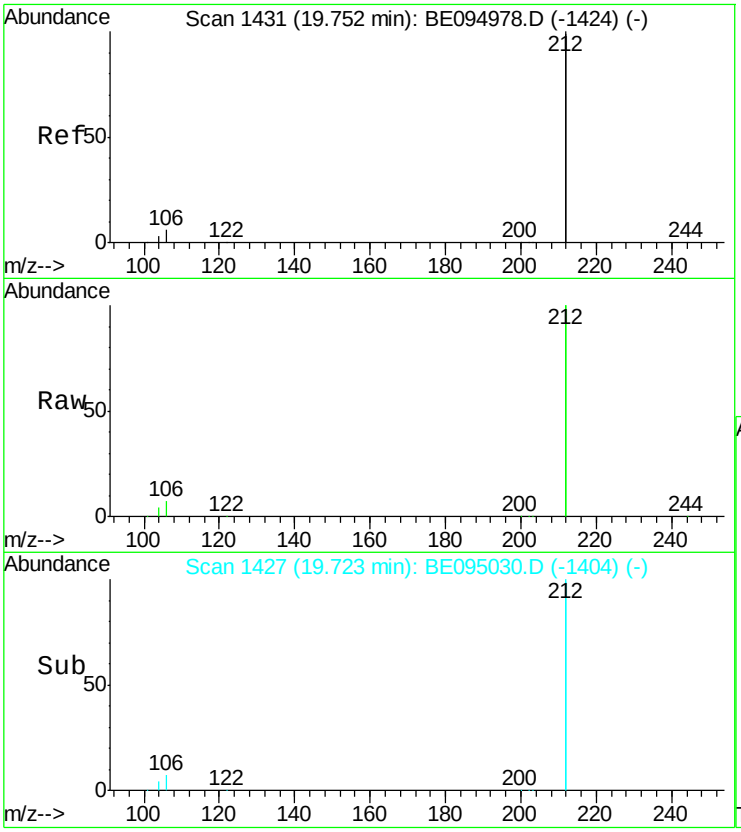


#24
Anthracene
Concen: 0.286 ng
RT: 17.88 min Scan# 1190
Delta R.T. -0.03 min
Lab File: BE095030.D
Acq: 19 Dec 2017 13:50

Tgt Ion:178 Resp: 14320

Ion	Ratio	Lower	Upper
178	100		
176	22.4	12.8	19.2#
179	13.1	13.0	19.6



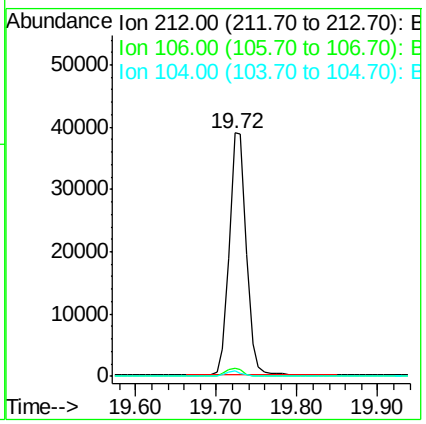


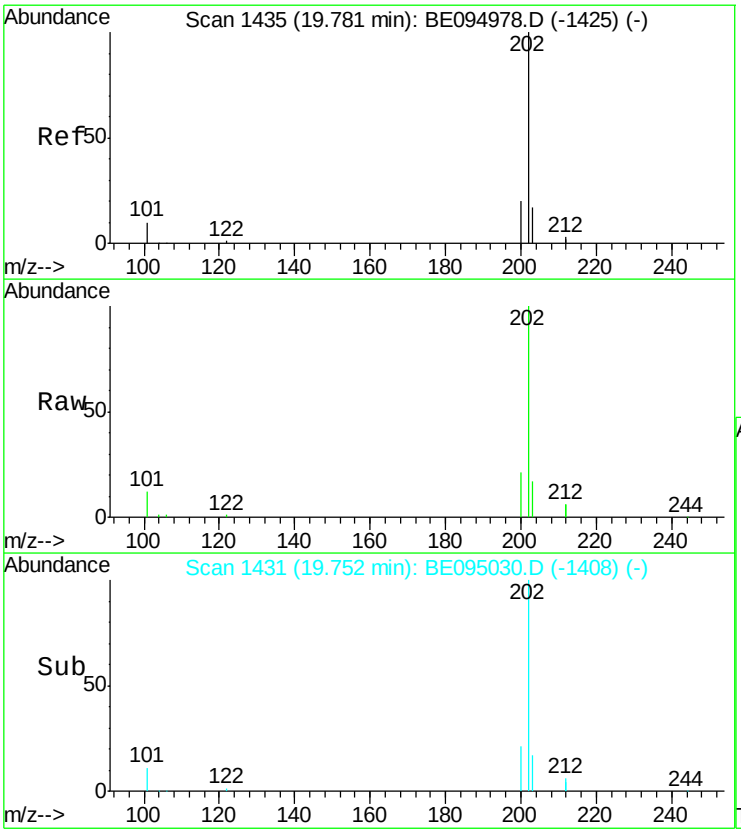
#25
Fluoranthene-d10
Concen: 0.282 ng
RT: 19.72 min Scan# 1427
Delta R.T. -0.03 min
Lab File: BE095030.D
Acq: 19 Dec 2017 13:50

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:212 Resp: 57198

Ion	Ratio	Lower	Upper
212	100		
106	3.3	2.8	4.2
104	1.9	1.6	2.4

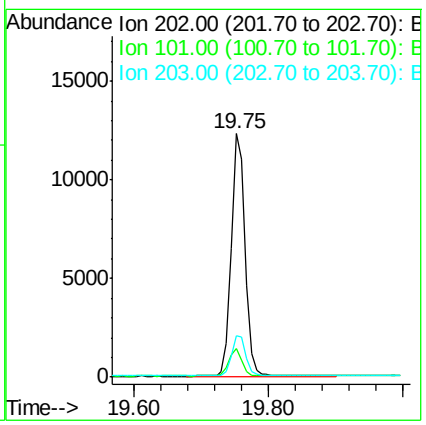


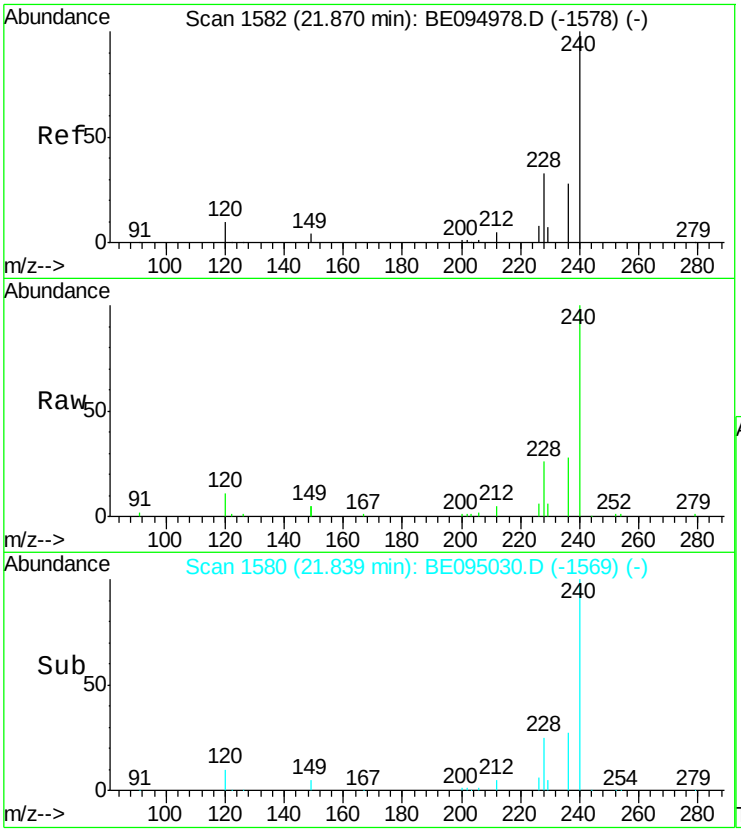


#26
Fluoranthene
Concen: 0.282 ng
RT: 19.75 min Scan# 1431
Delta R.T. -0.03 min
Lab File: BE095030.D
Acq: 19 Dec 2017 13:50

Tgt Ion:202 Resp: 17012

Ion	Ratio	Lower	Upper
202	100		
101	11.0	9.8	14.8
203	17.1	13.7	20.5



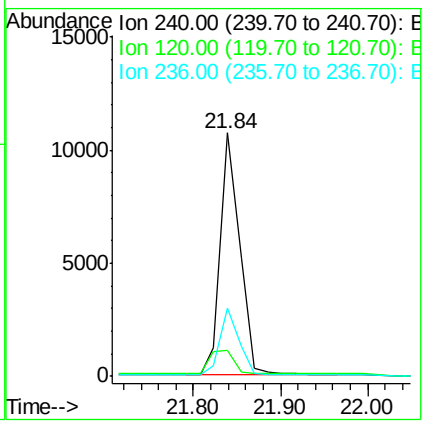


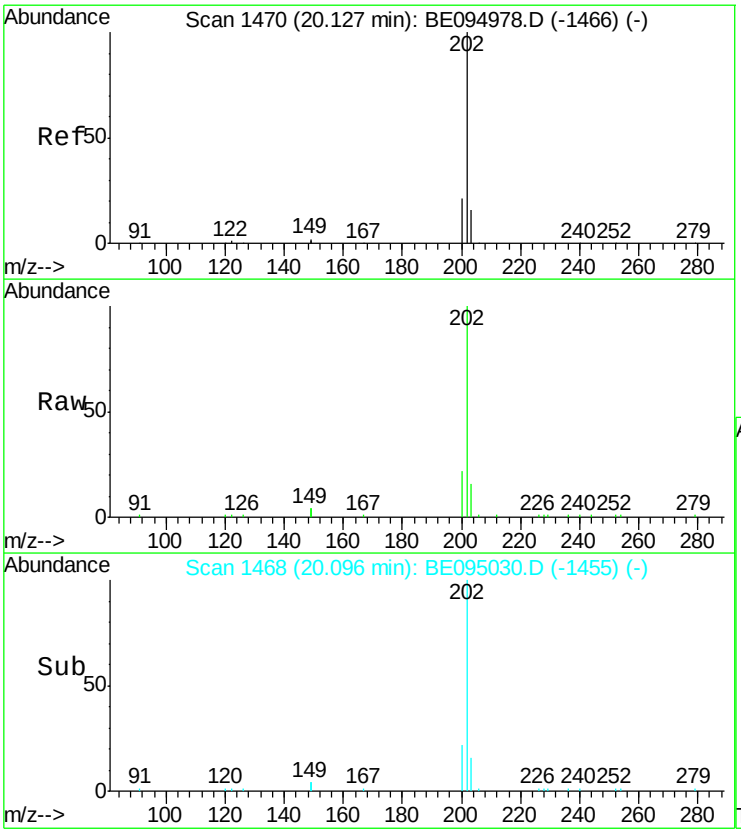
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.84 min Scan# 1580
Delta R.T. -0.03 min
Lab File: BE095030.D
Acq: 19 Dec 2017 13:50

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:240 Resp: 16564

Ion	Ratio	Lower	Upper
240	100		
120	10.7	5.5	8.3#
236	27.8	20.7	31.1

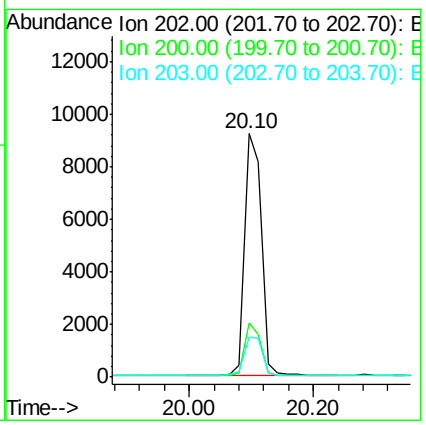


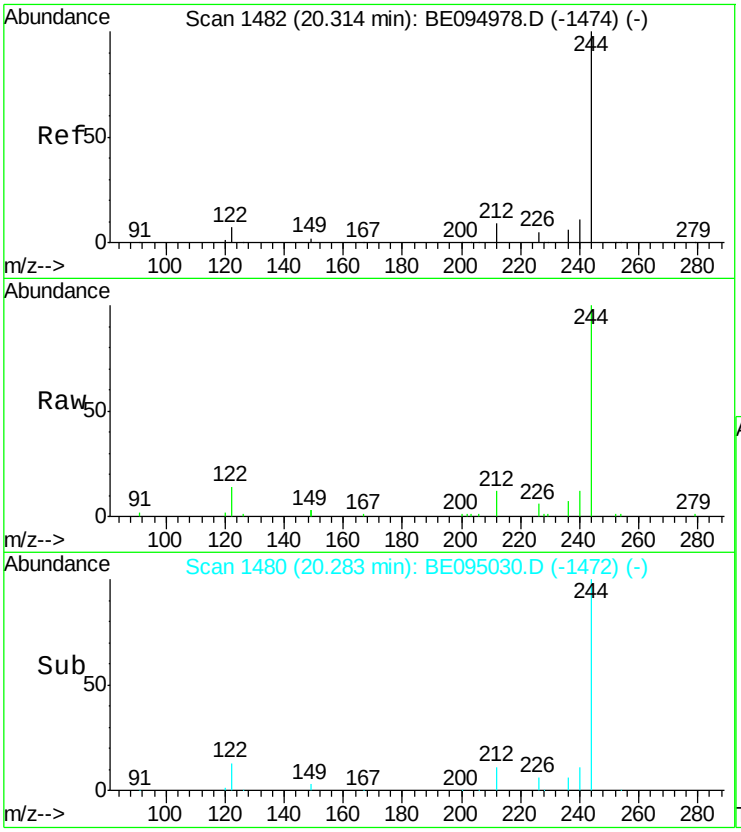


#28
Pyrene
Concen: 0.365 ng
RT: 20.10 min Scan# 1468
Delta R.T. -0.03 min
Lab File: BE095030.D
Acq: 19 Dec 2017 13:50

Tgt Ion:202 Resp: 20490

Ion	Ratio	Lower	Upper
202	100		
200	21.2	16.6	25.0
203	16.1	13.8	20.8



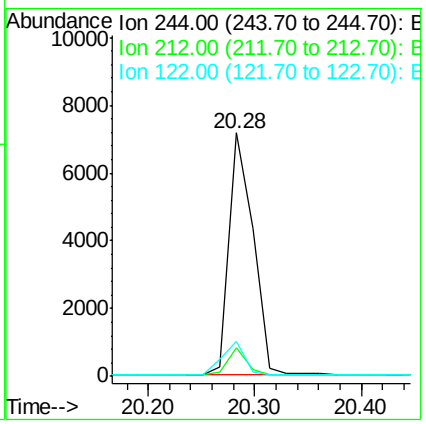


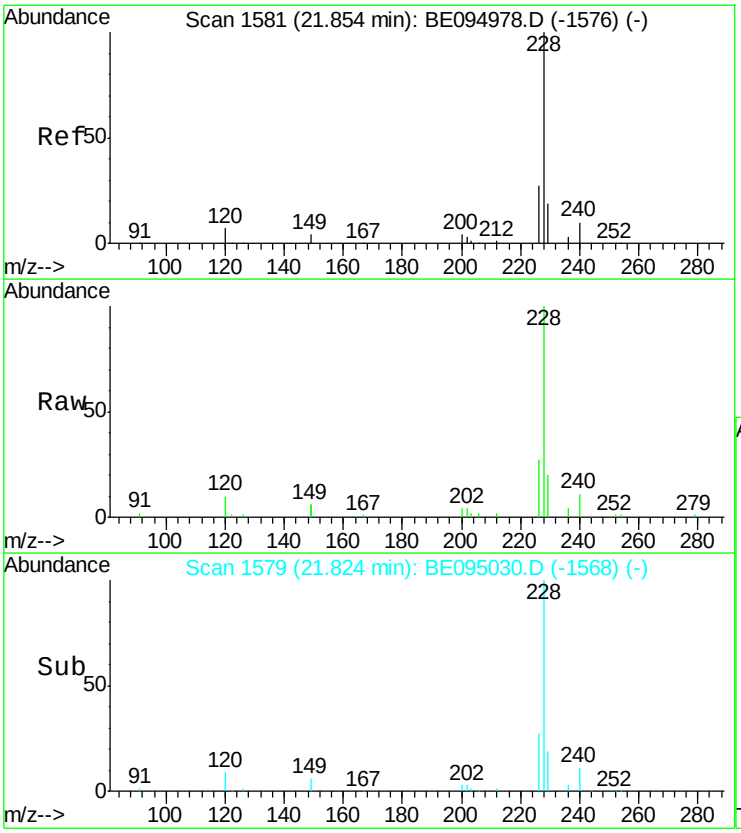
#29
Terphenyl-d14
Concen: 0.358 ng
RT: 20.28 min Scan# 1480
Delta R.T. -0.03 min
Lab File: BE095030.D
Acq: 19 Dec 2017 13:50

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:244 Resp: 11178

Ion	Ratio	Lower	Upper
244	100		
212	12.0	25.4	38.0#
122	14.1	8.1	12.1#

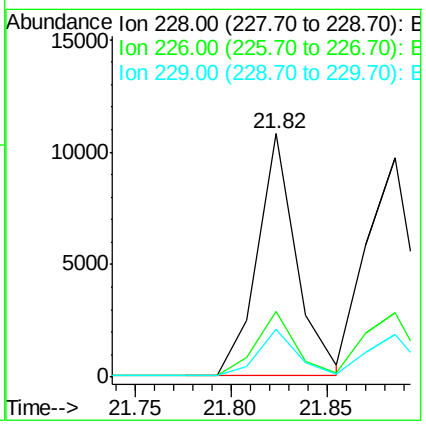


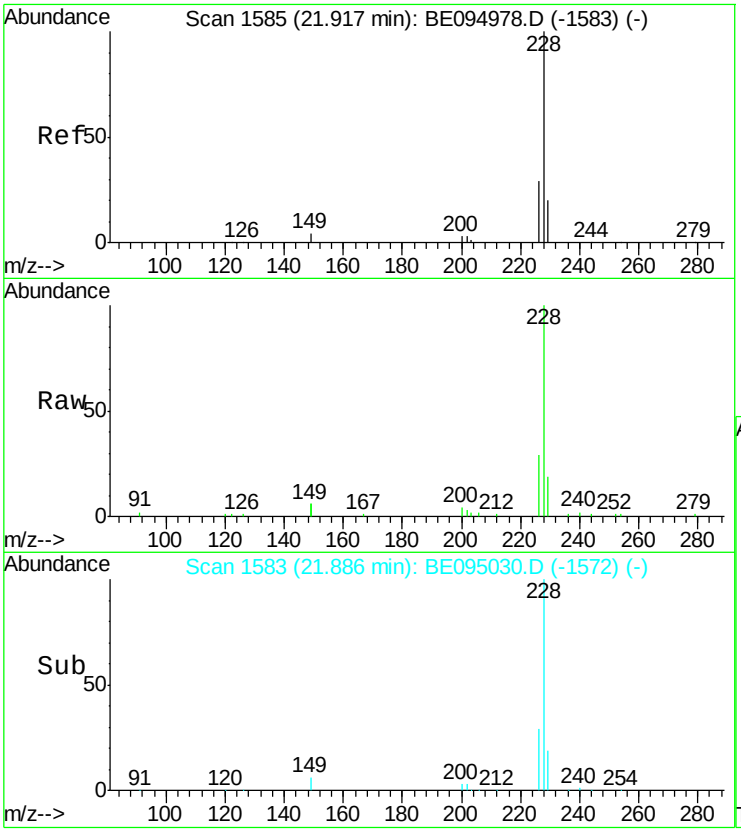


#30
Benzo(a)anthracene
Concen: 0.317 ng
RT: 21.82 min Scan# 1579
Delta R.T. -0.03 min
Lab File: BE095030.D
Acq: 19 Dec 2017 13:50

Tgt Ion:228 Resp: 15355

Ion	Ratio	Lower	Upper
228	100		
226	26.9	40.0	60.0#
229	19.5	40.0	60.0#



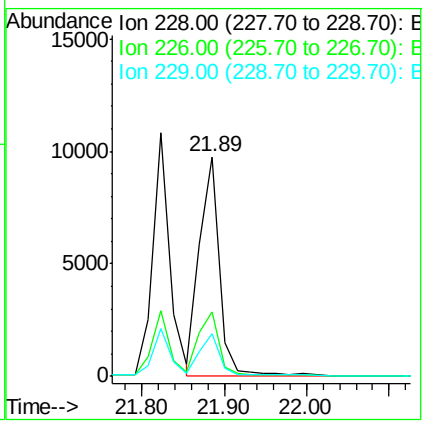


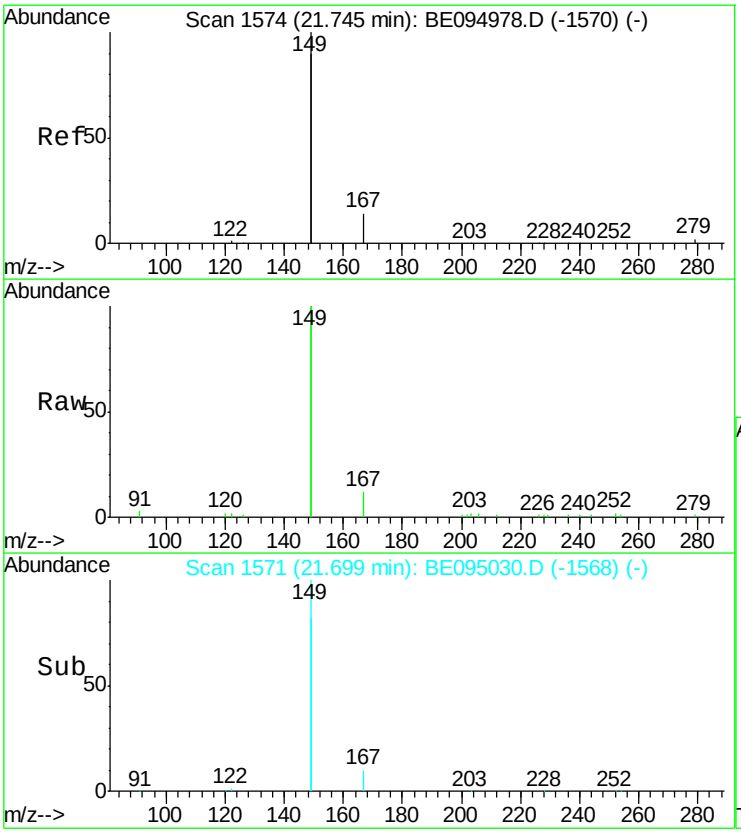
#31
Chrysene
Concen: 0.326 ng
RT: 21.89 min Scan# 1583
Delta R.T. -0.03 min
Lab File: BE095030.D
Acq: 19 Dec 2017 13:50

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 17756

Ion	Ratio	Lower	Upper
228	100		
226	29.2	40.0	60.0#
229	19.4	40.0	60.0#

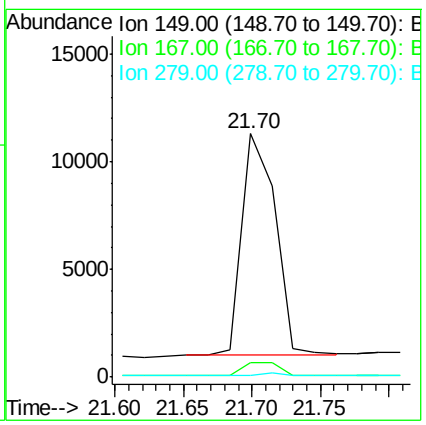


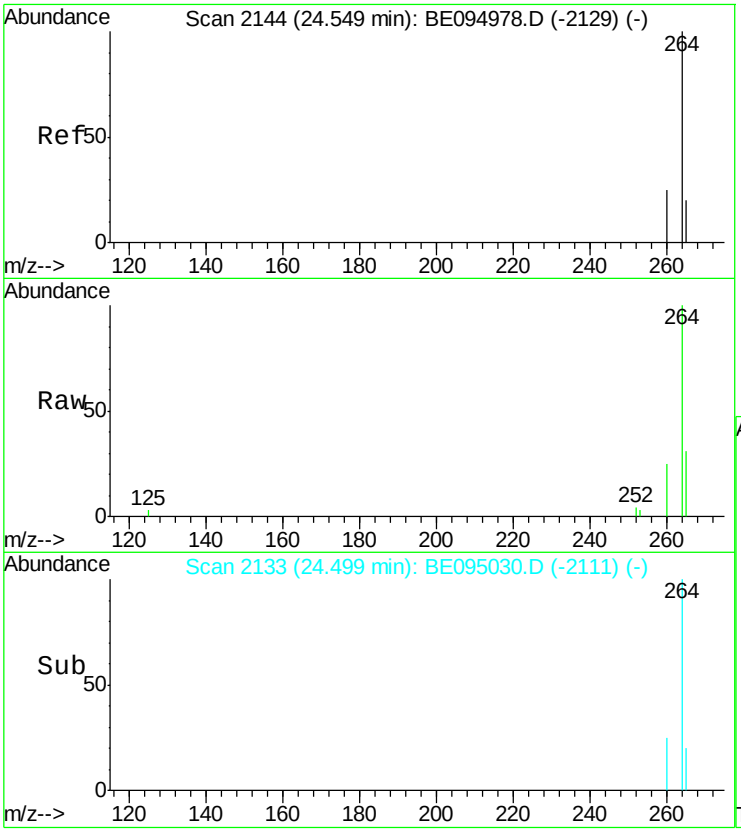


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.286 ng
RT: 21.70 min Scan# 1571
Delta R.T. -0.05 min
Lab File: BE095030.D
Acq: 19 Dec 2017 13:50

Tgt Ion:149 Resp: 17653

Ion	Ratio	Lower	Upper
149	100		
167	6.8	5.4	8.0
279	0.9	0.7	1.1



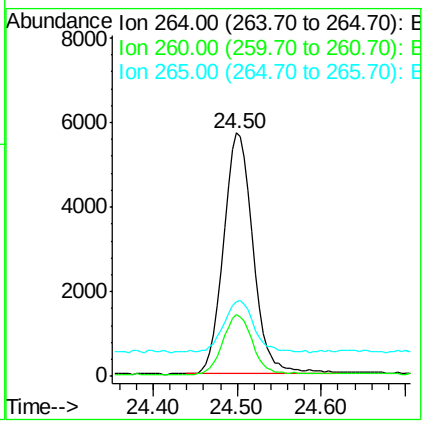


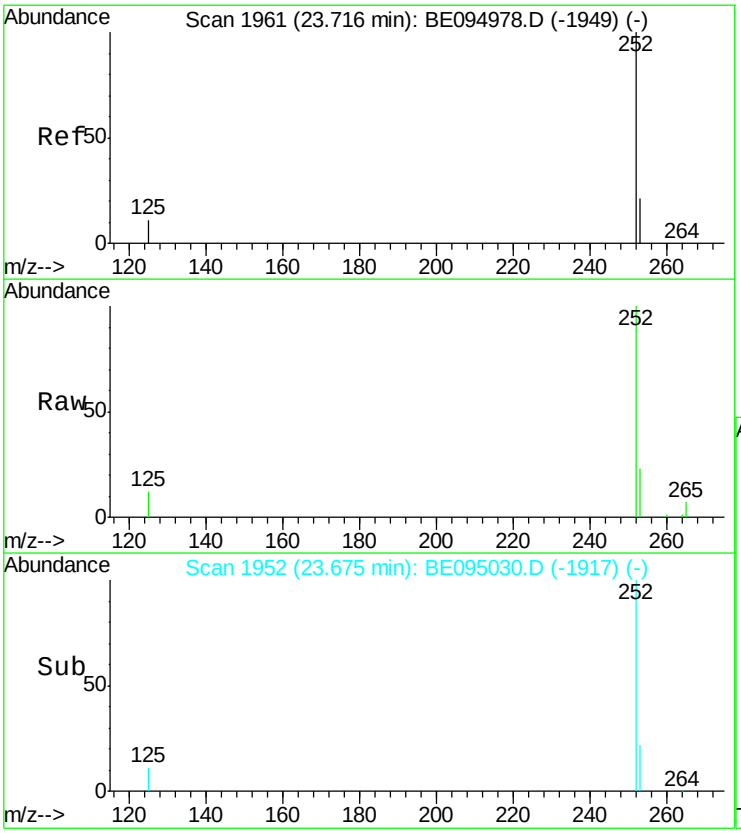
#34
Perylene-d12
Concen: 0.400 ng
RT: 24.50 min Scan# 2133
Delta R.T. -0.05 min
Lab File: BE095030.D
Acq: 19 Dec 2017 13:50

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:264 Resp: 13934

Ion	Ratio	Lower	Upper
264	100		
260	25.2	20.5	30.7
265	30.6	22.8	34.2

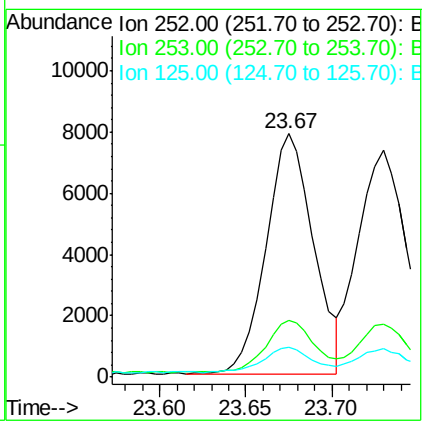


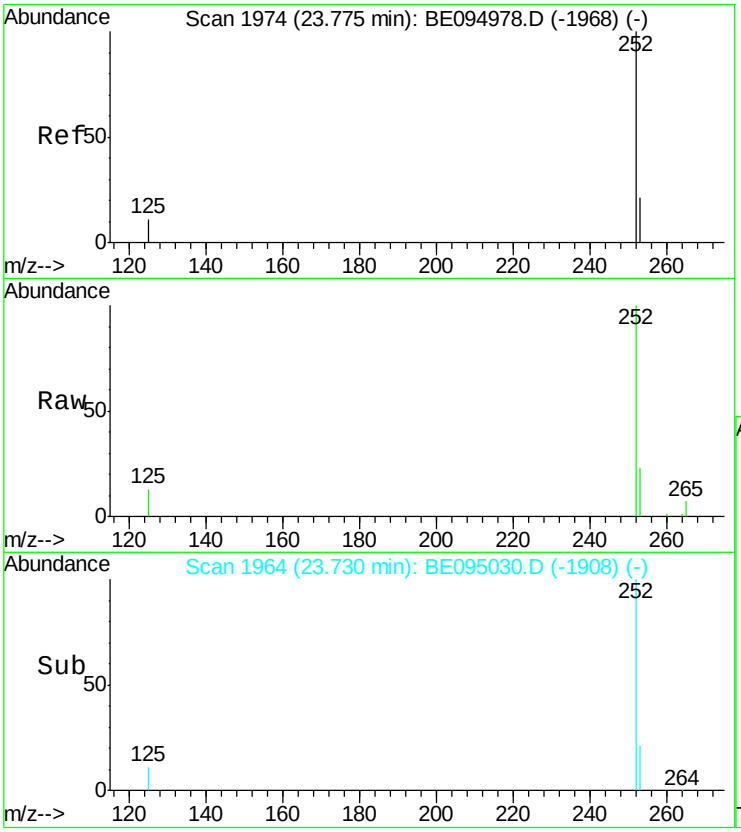


#35
Benzo(b)fluoranthene
Concen: 0.292 ng
RT: 23.67 min Scan# 1952
Delta R.T. -0.04 min
Lab File: BE095030.D
Acq: 19 Dec 2017 13:50

Tgt Ion:252 Resp: 14920

Ion	Ratio	Lower	Upper
252	100		
253	23.4	20.0	30.0
125	12.3	16.0	24.0#



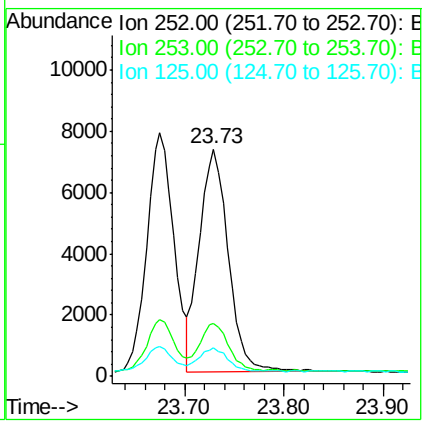


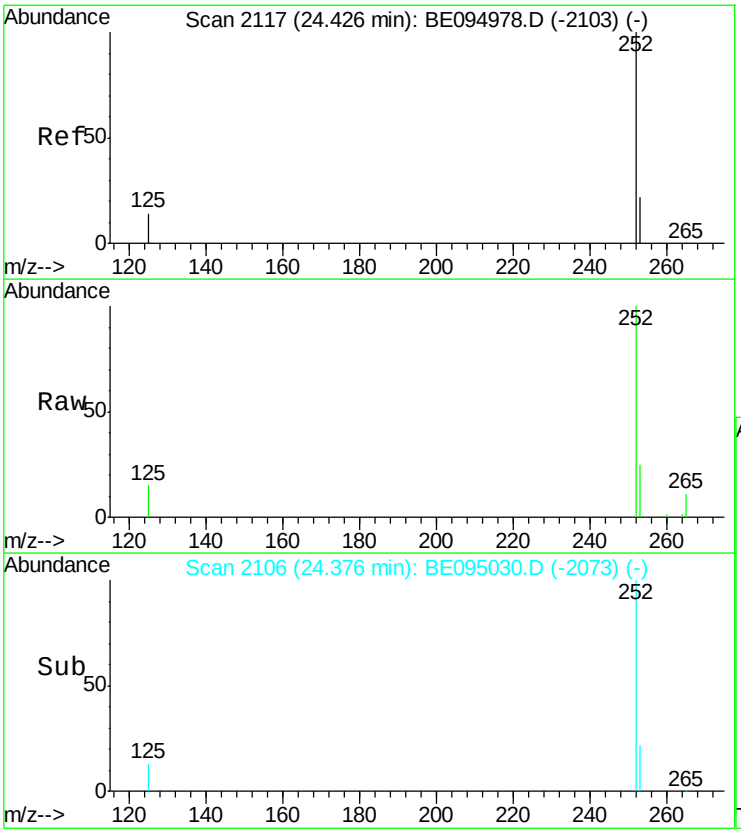
#36
Benzo(k)fluoranthene
Concen: 0.282 ng
RT: 23.73 min Scan# 1964
Delta R.T. -0.05 min
Lab File: BE095030.D
Acq: 19 Dec 2017 13:50

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 14643

Ion	Ratio	Lower	Upper
252	100		
253	23.3	16.0	24.0
125	12.8	8.0	12.0#





#37
Benzo(a)pyrene
Concen: 0.290 ng
RT: 24.38 min Scan# 2106
Delta R.T. -0.05 min
Lab File: BE095030.D
Acq: 19 Dec 2017 13:50

Tgt Ion:252 Resp: 13161

Ion	Ratio	Lower	Upper
252	100		
253	24.6	16.0	24.0#
125	15.0	12.0	18.0