Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE022417\
Data File : BE092755.D
Acq On : 24 Feb 2017 11:53
Operator : SJ/MA
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Feb 24 15:31:50 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE021517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 15 17:05:20 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	10732	5.00	ng		-0.02
7) Naphthalene-d8	10.88	136	47900	5.00	ng		-0.02
12) Acenaphthene-d10	14.75	164	33288	5.00	ng		-0.02
18) Phenanthrene-d10	17.51	188	74785	5.00	ng		0.00
24) Chrysene-d12	21.68	240	103496	5.00	ng		-0.02
31) Perylene-d12	24.01	264	92307	5.00	ng		-0.02
System Monitoring Compounds							
4) 2-Fluorophenol	5.60	112	1127	0.54	ng		-0.03
5) Phenol-d6	7.27	99	1480	0.58	ng		-0.05
8) Nitrobenzene-d5	9.15	82	133	0.12	ng		-0.16
13) 2,4,6-Tribromophenol	16.25	330	487	0.69	ng		-0.03
14) 2-Fluorobiphenyl	13.38	172	3159	0.39	ng		-0.02
26) Terphenyl-d14	20.12	244	5393	0.41	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.33	88	606	0.41	ng	#	94
3) n-Nitrosodimethylamine	3.69	42	790	0.59	ng		98
6) bis(2-Chloroethyl)ether	7.52	93	1338	0.47	ng		86
9) Naphthalene	10.91	128	4915	0.47	ng		96
10) Hexachlorobutadiene	11.20	225	597	0.39	ng		99
11) 2-Methylnaphthalene	12.55	142	2819	0.43	ng		95
15) Acenaphthylene	14.46	152	20614	0.41	ng		100
16) Acenaphthene	14.81	154	2960	0.41	ng		87
17) Fluorene	15.80	166	4240	0.45	ng		100
19) Hexachlorobenzene	16.82	284	1135	0.39	ng		97
20) Pentachlorophenol	17.19	266	697	1.05	ng		93
21) Phenanthrene	17.53	178	7334	0.41	ng		96
22) Anthracene	17.53	178	7334	0.45	ng		98
23) Fluoranthene	19.54	202	37994	0.50	ng		99
25) Pyrene	19.90	202	40632	0.41	ng		100
27) Benzo(a)anthracene	21.66	228	82011	0.82	ng		97
28) Chrysene	21.66	228	82247	0.69	ng	#	82
29) Bis(2-ethylhexyl)phthalate	21.59	149	5728	0.47	ng	#	69
30) Indeno(1,2,3-cd)pyrene	26.46	276	41596	0.36	ng		97
32) Benzo(b)fluoranthene	23.29	252	10110	0.45	ng		99
33) Benzo(k)fluoranthene	23.34	252	10059	0.39	ng		97
34) Benzo(a)pyrene	23.90	252	9315	0.39	ng		98
35) Dibenzo(a,h)anthracene	26.48	278	8759	0.38	ng		97
36) Benzo(g,h,i)perylene	27.21	276	36565	0.38	ng		99

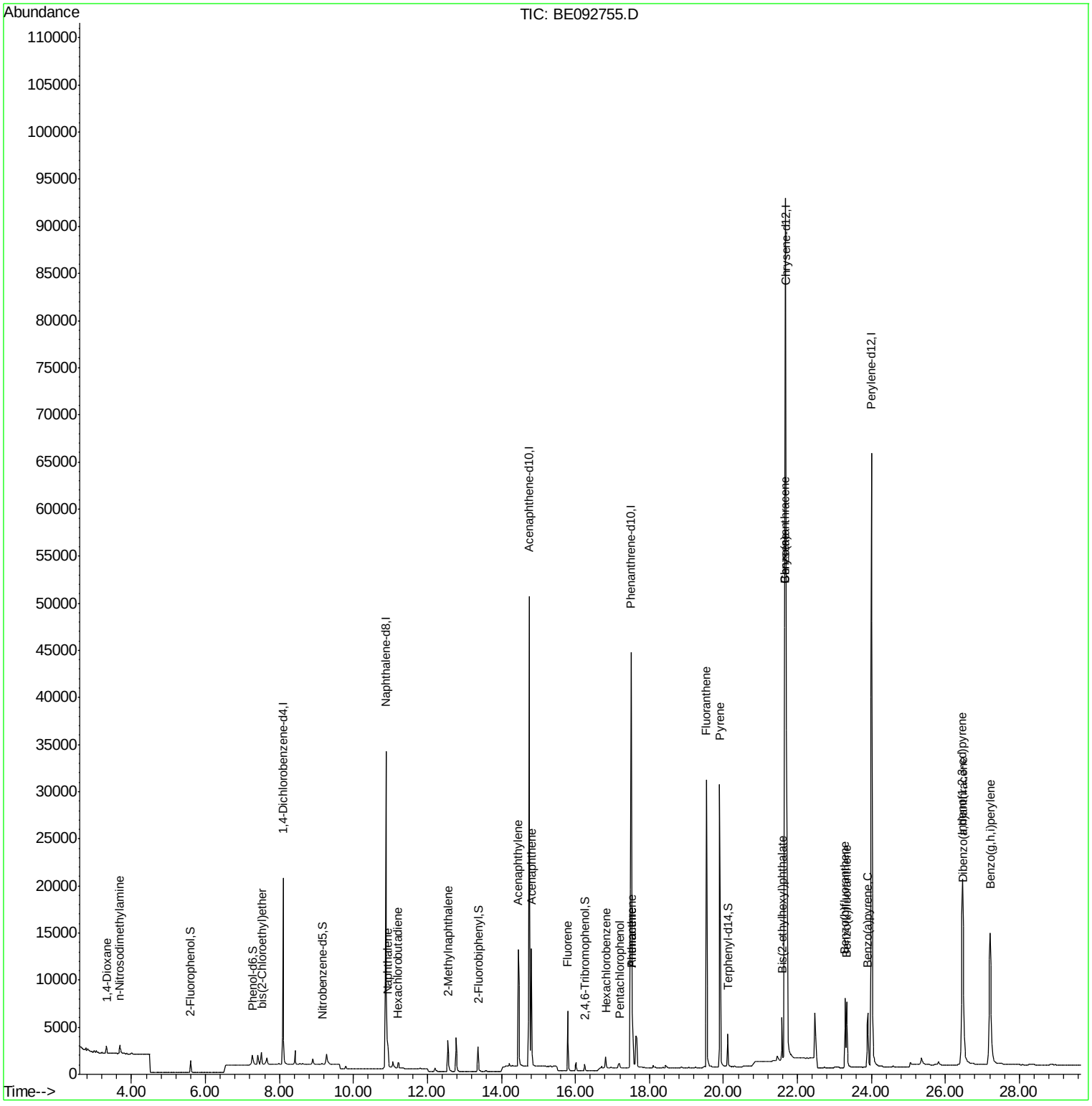
(#) = qualifier out of range (m) = manual integration (+) = signals summed

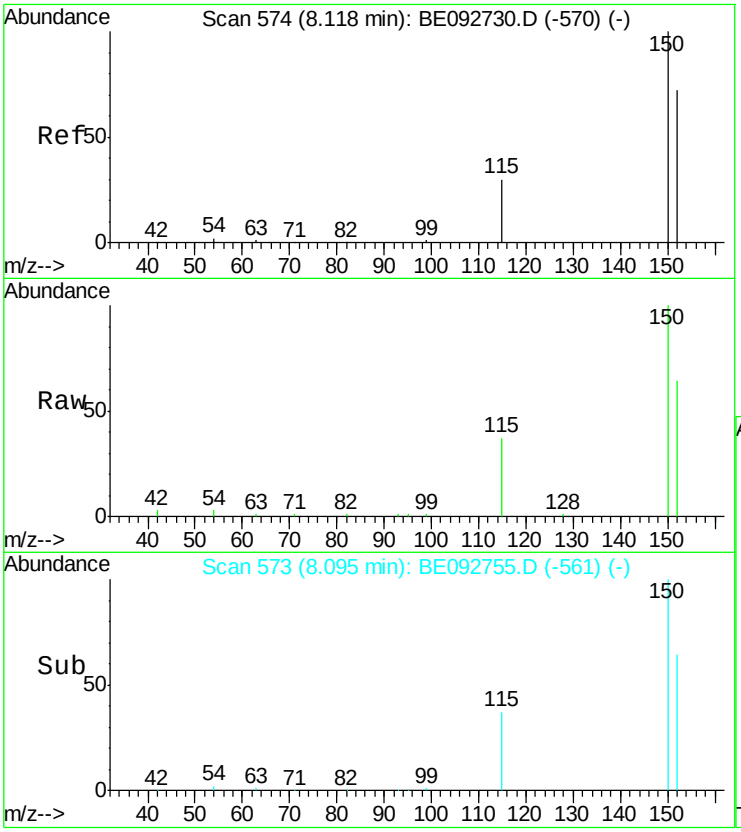
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE022417\
Data File : BE092755.D
Acq On : 24 Feb 2017 11:53
Operator : SJ/MA
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Feb 24 15:31:50 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE021517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 15 17:05:20 2017
Response via : Initial Calibration



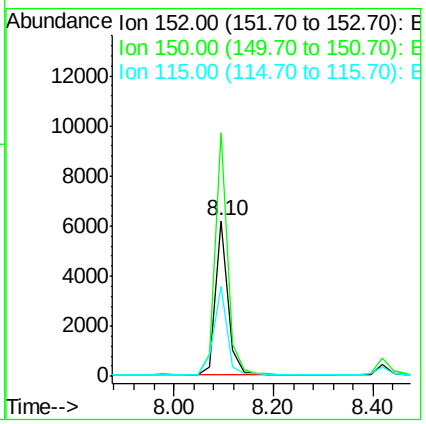


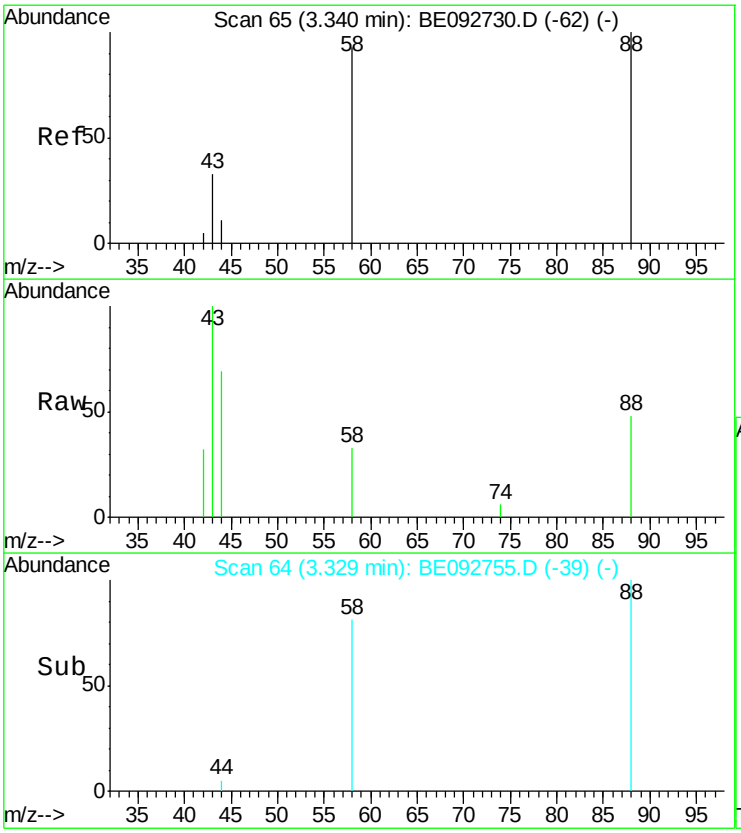
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 8.10 min Scan# 573
Delta R.T. -0.02 min
Lab File: BE092755.D
Acq: 24 Feb 2017 11:53

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 10732

Ion	Ratio	Lower	Upper
152	100		
150	156.8	106.0	159.0
115	58.3	31.2	46.8#

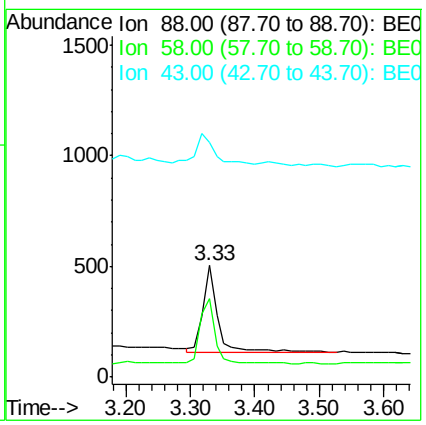


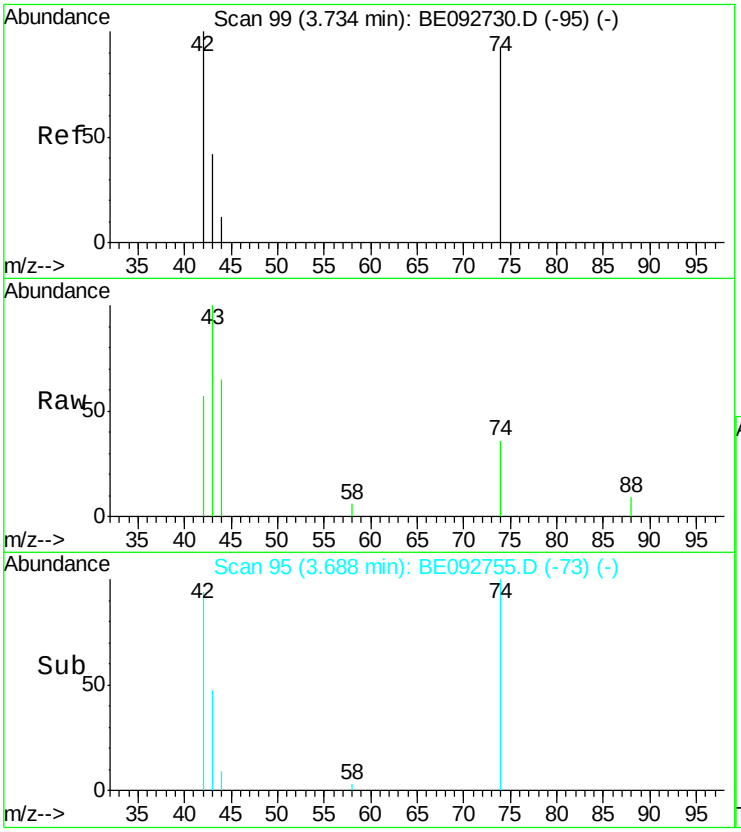


#2
1,4-Dioxane
Concen: 0.41 ng
RT: 3.33 min Scan# 64
Delta R.T. -0.01 min
Lab File: BE092755.D
Acq: 24 Feb 2017 11:53

Tgt Ion: 88 Resp: 606

Ion	Ratio	Lower	Upper
88	100		
58	77.4	63.6	95.4
43	42.9	28.0	42.0#

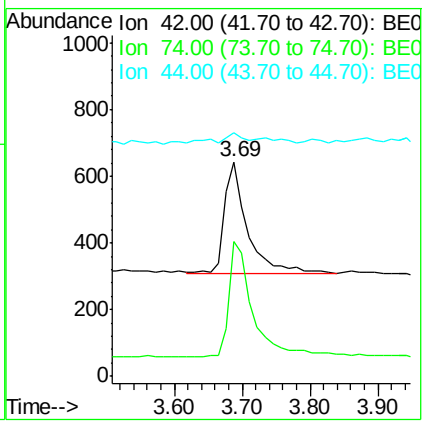




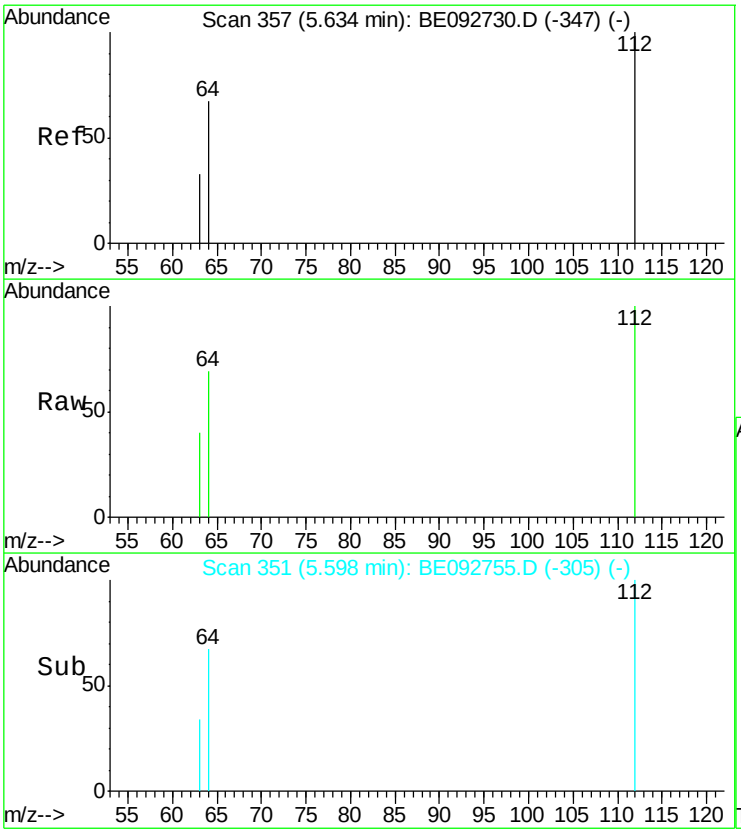
#3
n-Nitrosodimethylamine
Concen: 0.59 ng
RT: 3.69 min Scan# 95
Delta R.T. -0.05 min
Lab File: BE092755.D
Acq: 24 Feb 2017 11:53

Tgt Ion: 42 Resp: 790

Ion	Ratio	Lower	Upper
42	100		
74	109.9	86.0	129.0
44	5.9	5.1	7.7



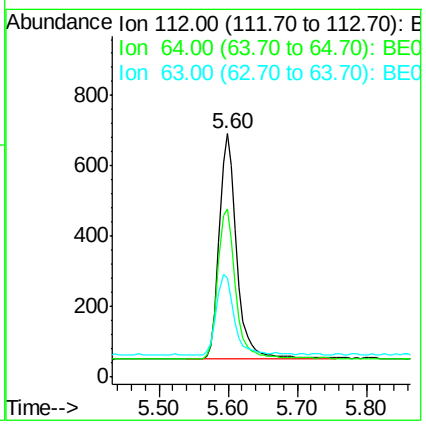
Instrument :
BNA_E
ClientSampleId :

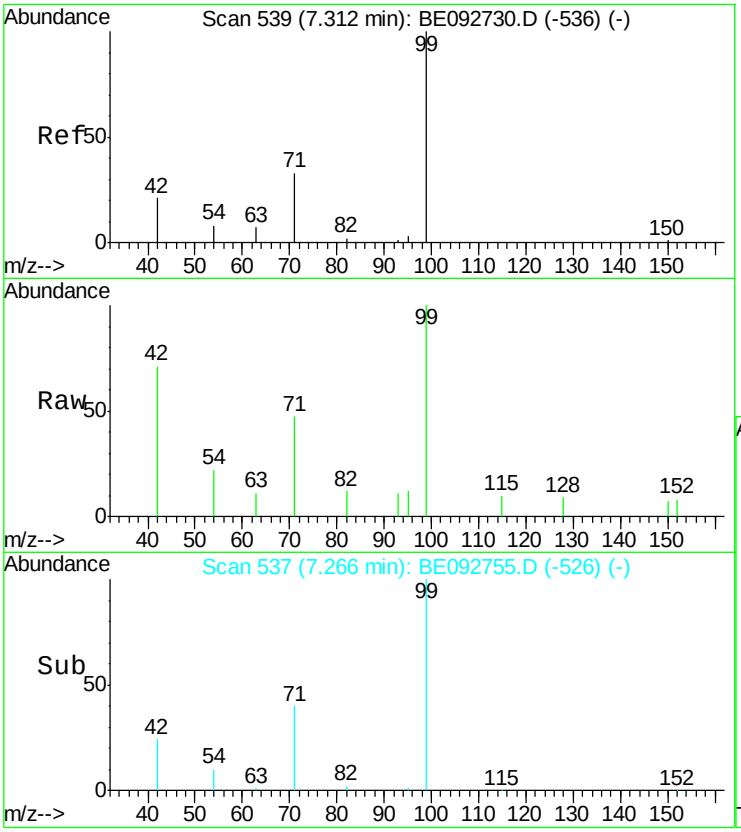


#4
2-Fluorophenol
Concen: 0.54 ng
RT: 5.60 min Scan# 351
Delta R.T. -0.03 min
Lab File: BE092755.D
Acq: 24 Feb 2017 11:53

Tgt Ion:112 Resp: 1127

Ion	Ratio	Lower	Upper
112	100		
64	67.8	53.5	80.3
63	36.0	27.9	41.9



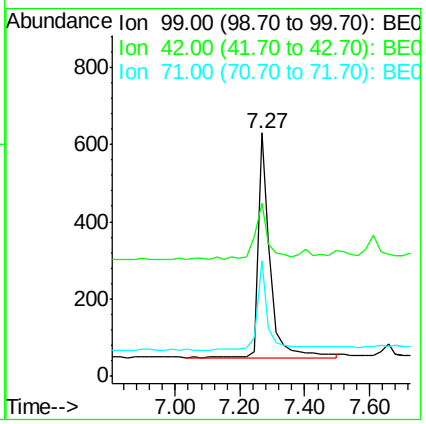


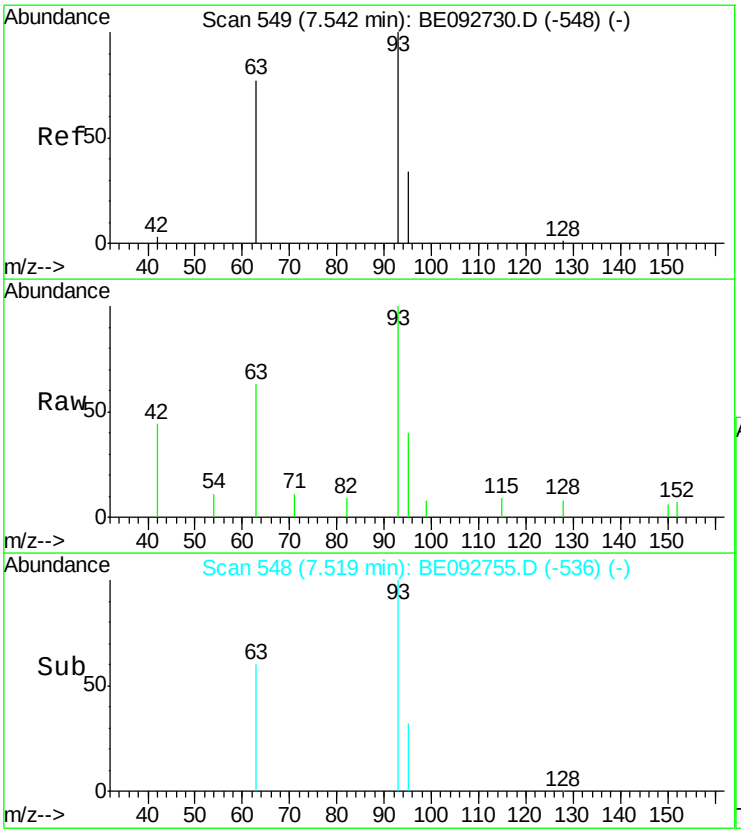
#5
Phenol-d6
Concen: 0.58 ng
RT: 7.27 min Scan# 537
Delta R.T. -0.05 min
Lab File: BE092755.D
Acq: 24 Feb 2017 11:53

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 99 Resp: 1480

Ion	Ratio	Lower	Upper
99	100		
42	26.4	16.0	24.0#
71	36.4	30.6	45.8

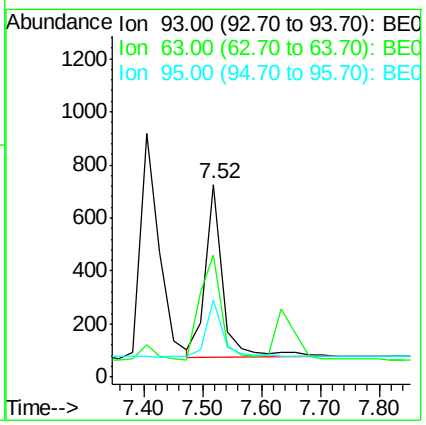


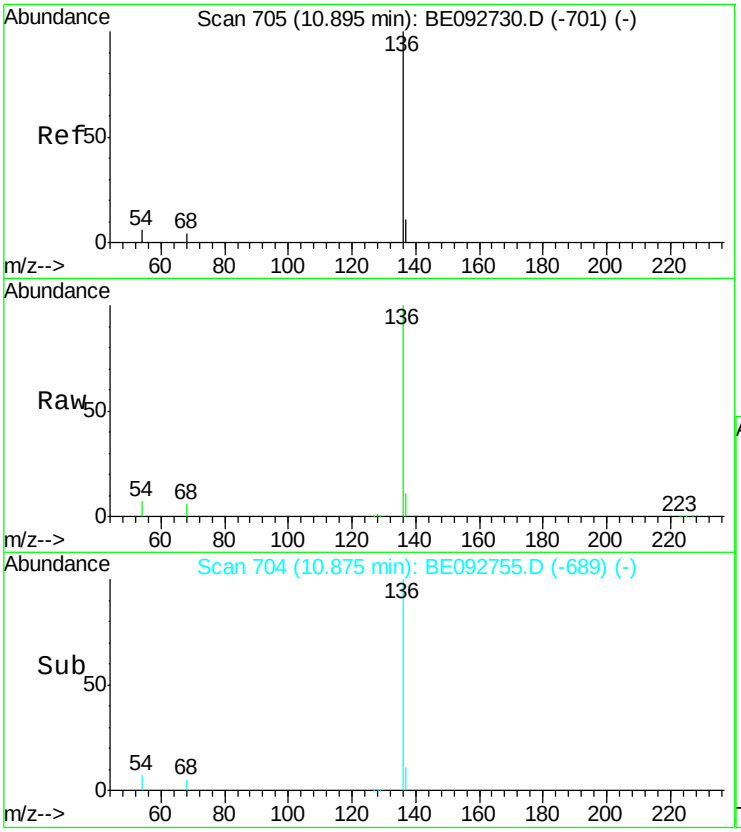


#6
bis(2-Chloroethyl)ether
Concen: 0.47 ng
RT: 7.52 min Scan# 548
Delta R.T. -0.02 min
Lab File: BE092755.D
Acq: 24 Feb 2017 11:53

Tgt Ion: 93 Resp: 1338

Ion	Ratio	Lower	Upper
93	100		
63	73.6	71.6	107.4
95	33.0	24.0	36.0



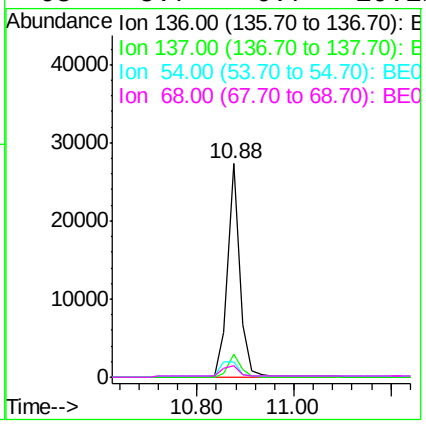


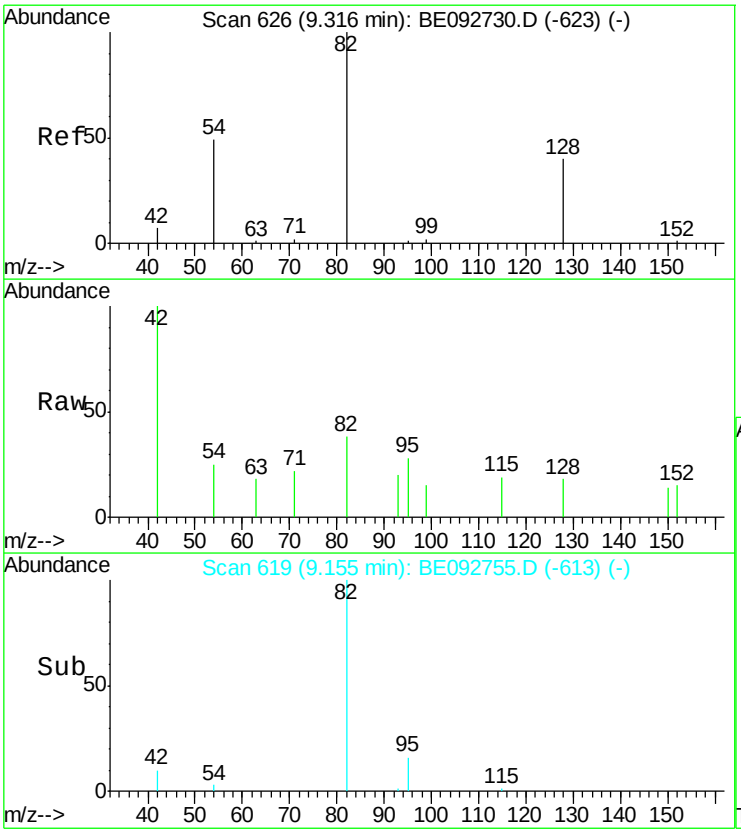
#7
Naphthalene-d8
Concen: 5.00 ng
RT: 10.88 min Scan# 704
Delta R.T. -0.02 min
Lab File: BE092755.D
Acq: 24 Feb 2017 11:53

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:136 Resp: 47900

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.2	12.4
54	7.3	9.6	14.4#
68	5.7	6.7	10.1#

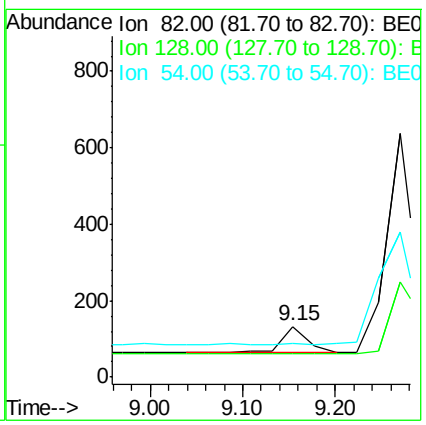


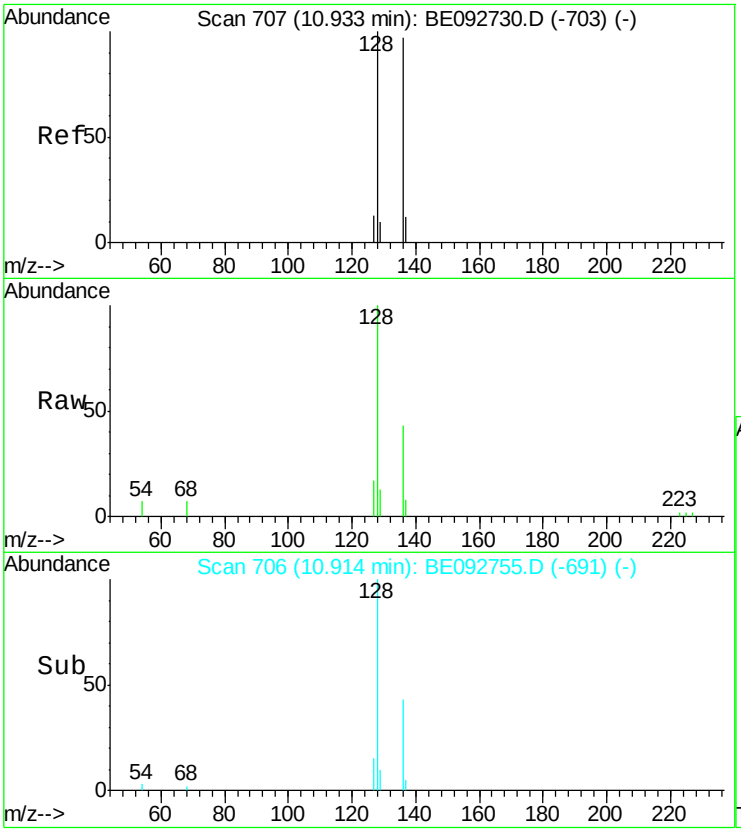


#8
Nitrobenzene-d5
Concen: 0.12 ng
RT: 9.15 min Scan# 619
Delta R.T. -0.16 min
Lab File: BE092755.D
Acq: 24 Feb 2017 11:53

Tgt Ion: 82 Resp: 133

Ion	Ratio	Lower	Upper
82	100		
128	45.9	39.0	58.4
54	66.2	44.8	67.2



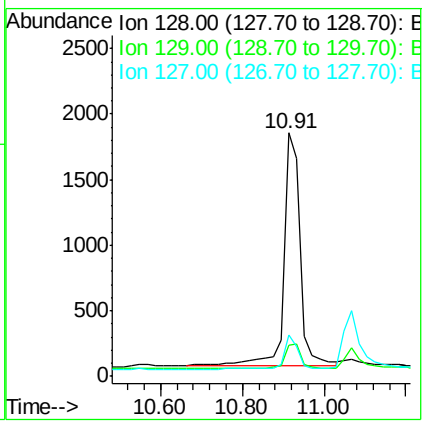


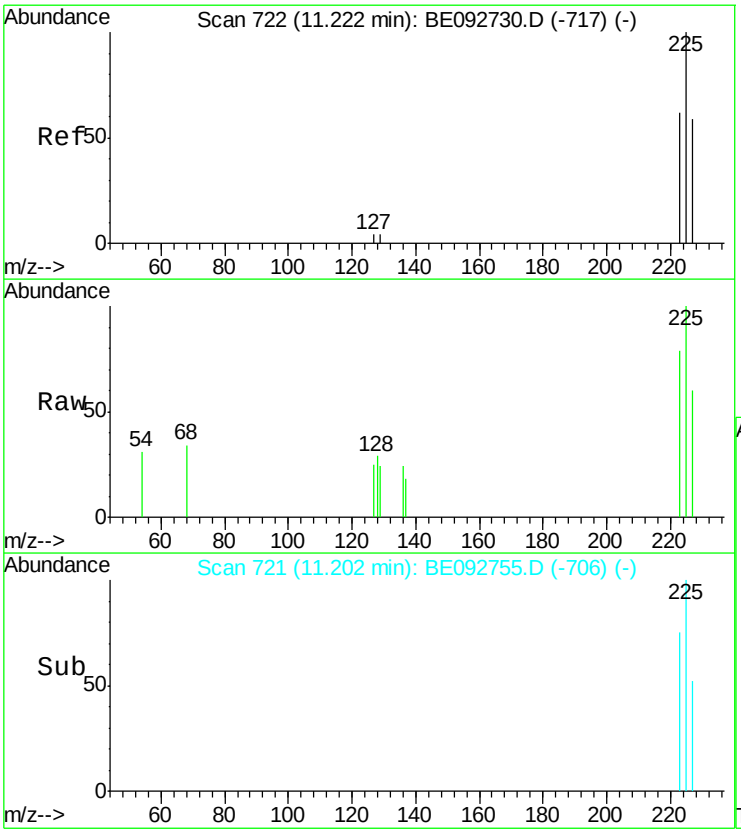
#9
Naphthalene
Concen: 0.47 ng
RT: 10.91 min Scan# 706
Delta R.T. -0.02 min
Lab File: BE092755.D
Acq: 24 Feb 2017 11:53

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:128 Resp: 4915

Ion	Ratio	Lower	Upper
128	100		
129	12.8	11.2	16.8
127	16.9	11.6	17.4

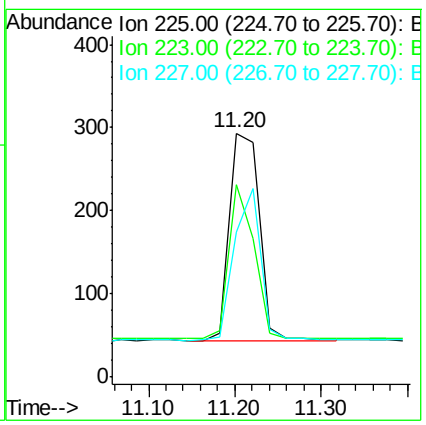


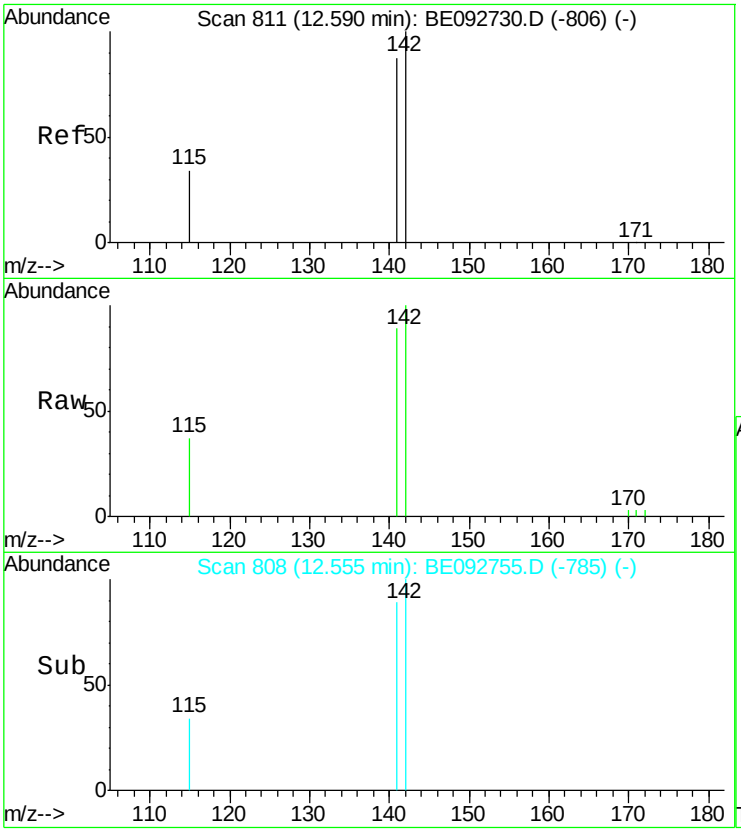


#10
Hexachlorobutadiene
Concen: 0.39 ng
RT: 11.20 min Scan# 721
Delta R.T. -0.02 min
Lab File: BE092755.D
Acq: 24 Feb 2017 11:53

Tgt Ion:225 Resp: 597

Ion	Ratio	Lower	Upper
225	100		
223	62.3	50.6	76.0
227	65.3	51.4	77.0



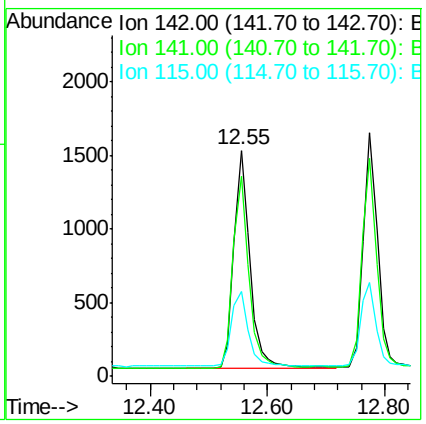


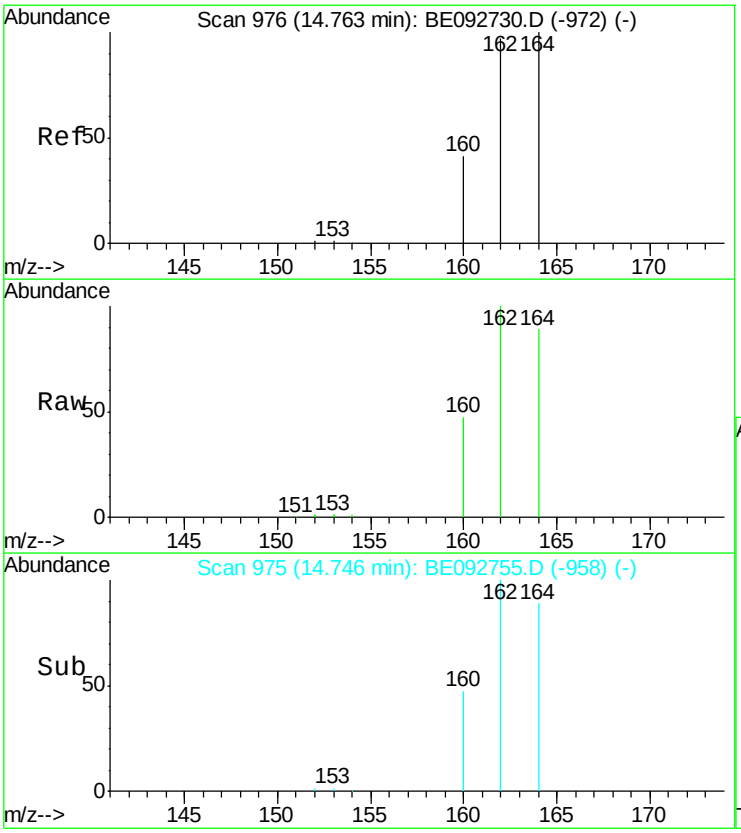
#11
2-Methylnaphthalene
Concen: 0.43 ng
RT: 12.55 min Scan# 808
Delta R.T. -0.03 min
Lab File: BE092755.D
Acq: 24 Feb 2017 11:53

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:142 Resp: 2819

Ion	Ratio	Lower	Upper
142	100		
141	88.6	73.7	110.5
115	37.5	34.0	51.0

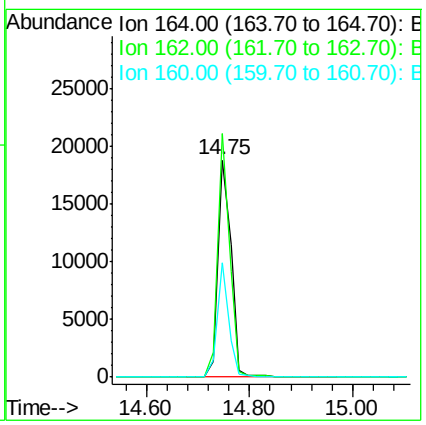


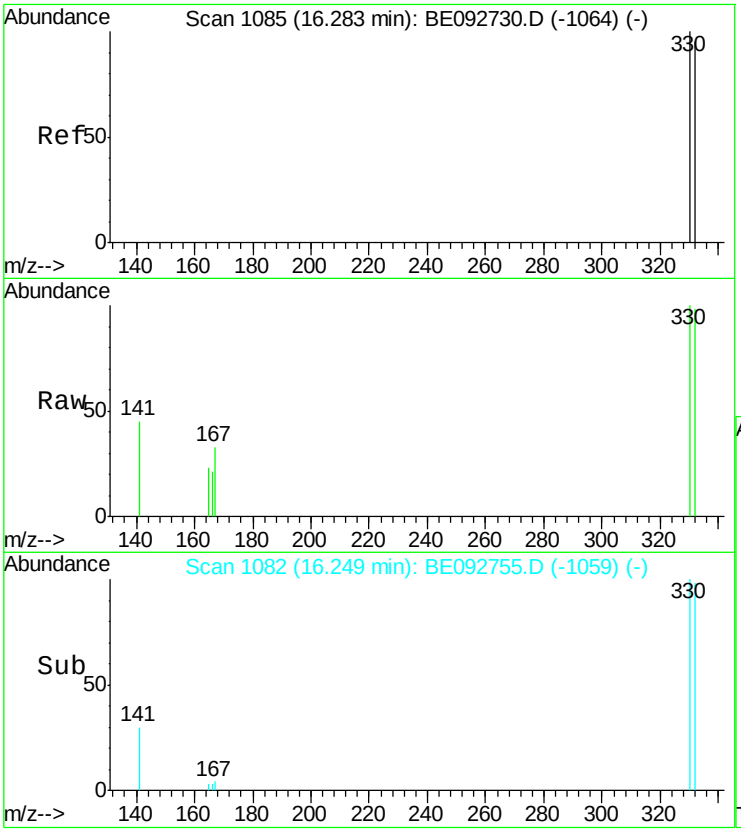


#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.75 min Scan# 975
Delta R.T. -0.02 min
Lab File: BE092755.D
Acq: 24 Feb 2017 11:53

Tgt Ion:164 Resp: 33288

Ion	Ratio	Lower	Upper
164	100		
162	112.1	71.4	107.0#
160	52.8	27.4	41.2#



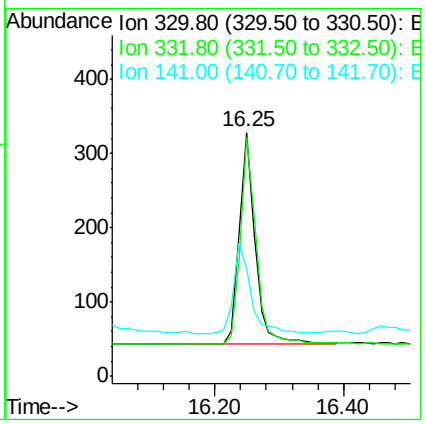


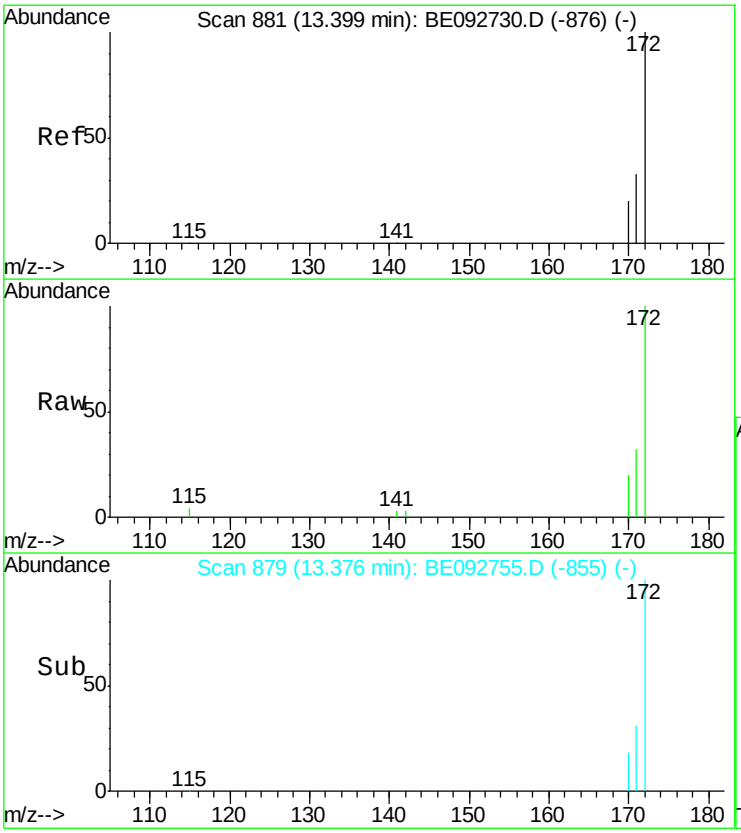
#13
2,4,6-Tribromophenol
Concen: 0.69 ng
RT: 16.25 min Scan# 1082
Delta R.T. -0.03 min
Lab File: BE092755.D
Acq: 24 Feb 2017 11:53

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:330 Resp: 487

Ion	Ratio	Lower	Upper
330	100		
332	97.7	75.4	113.0
141	45.0	31.0	46.6

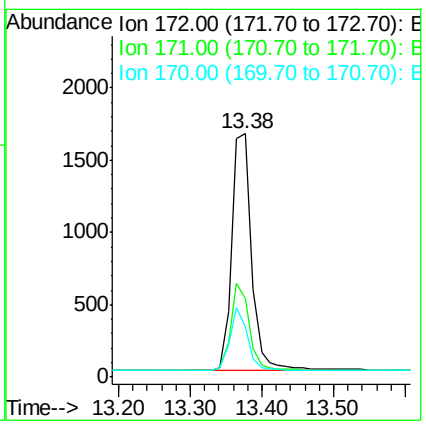


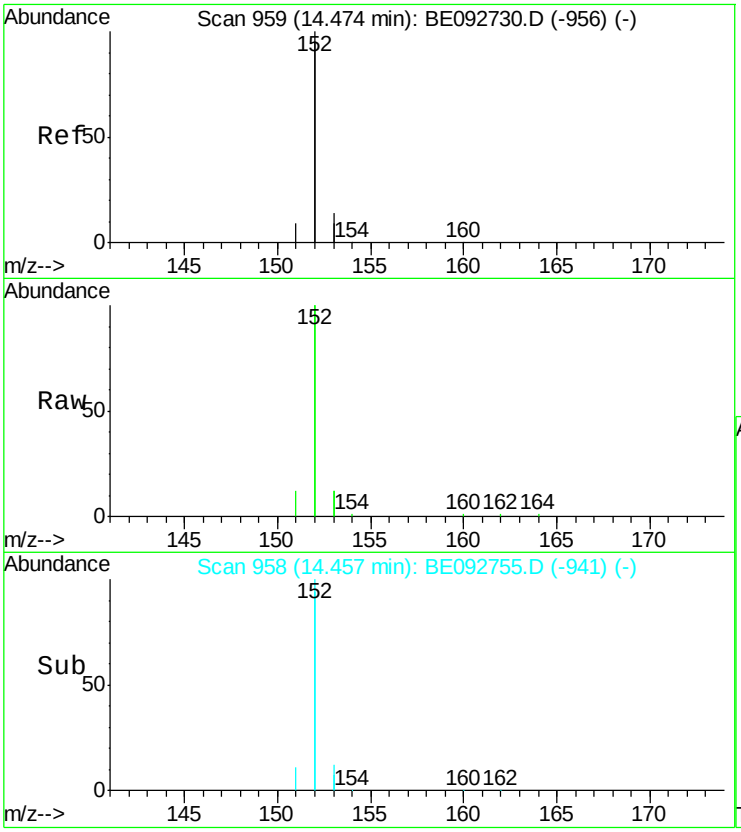


#14
2-Fluorobiphenyl
Concen: 0.39 ng
RT: 13.38 min Scan# 879
Delta R.T. -0.02 min
Lab File: BE092755.D
Acq: 24 Feb 2017 11:53

Tgt Ion:172 Resp: 3159

Ion	Ratio	Lower	Upper
172	100		
171	32.4	30.1	45.1
170	20.4	21.8	32.6#



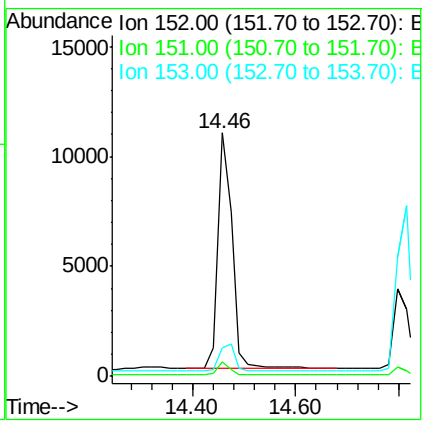


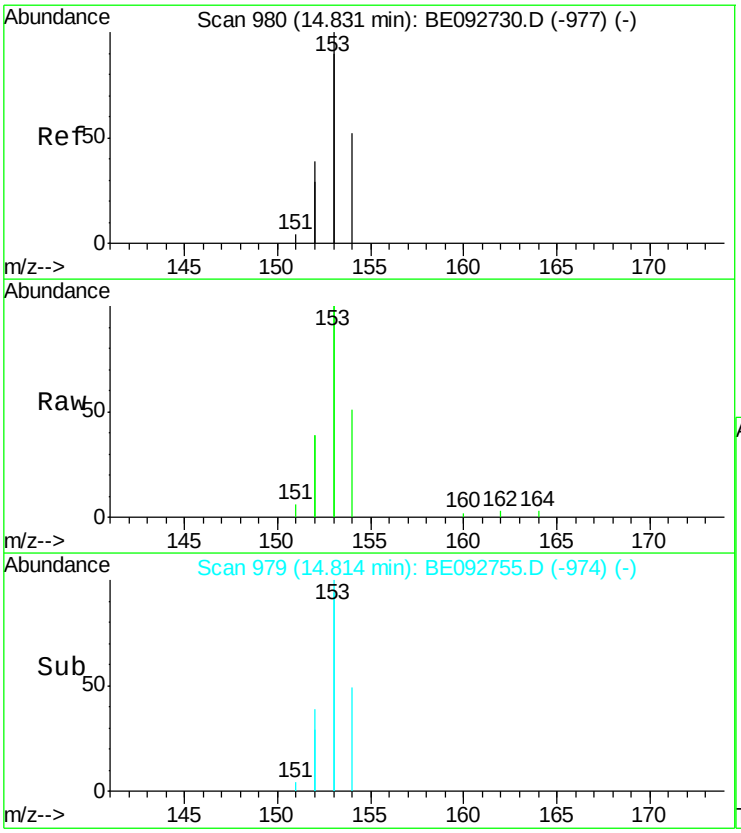
#15
Acenaphthylene
Concen: 0.41 ng
RT: 14.46 min Scan# 958
Delta R.T. -0.02 min
Lab File: BE092755.D
Acq: 24 Feb 2017 11:53

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 20614

Ion	Ratio	Lower	Upper
152	100		
151	4.9	3.9	5.9
153	13.0	10.4	15.6

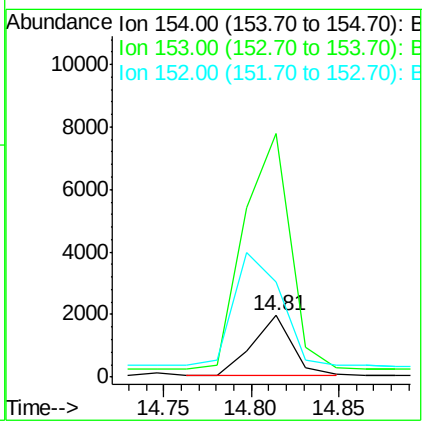


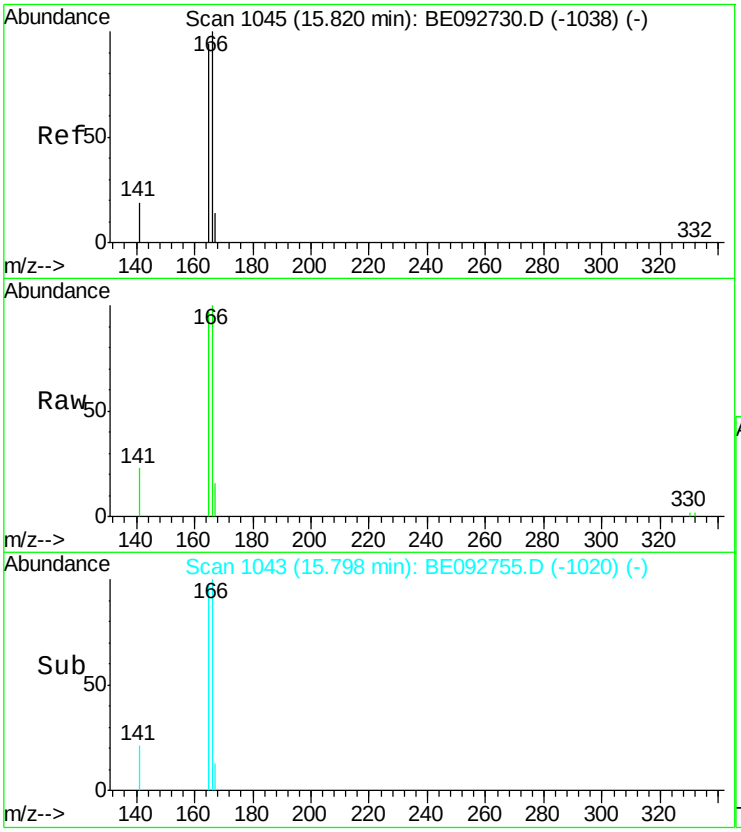


#16
Acenaphthene
Concen: 0.41 ng
RT: 14.81 min Scan# 979
Delta R.T. -0.02 min
Lab File: BE092755.D
Acq: 24 Feb 2017 11:53

Tgt Ion:154 Resp: 2960

Ion	Ratio	Lower	Upper
154	100		
153	472.3	350.8	526.2
152	230.9	171.1	256.7



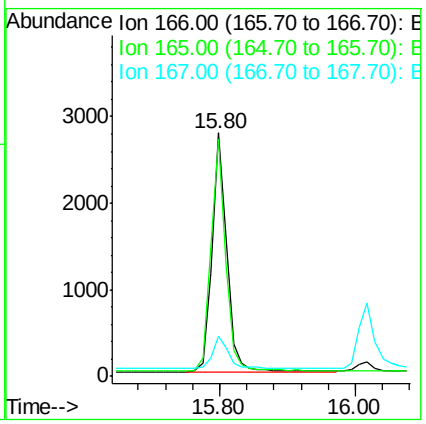


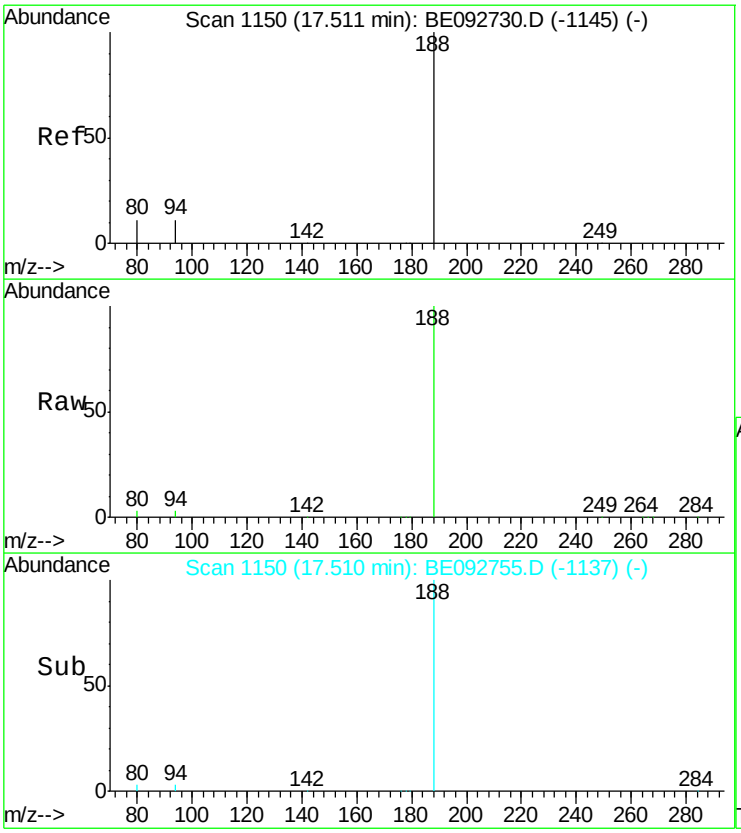
#17
Fluorene
Concen: 0.45 ng
RT: 15.80 min Scan# 1043
Delta R.T. -0.02 min
Lab File: BE092755.D
Acq: 24 Feb 2017 11:53

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:166 Resp: 4240

Ion	Ratio	Lower	Upper
166	100		
165	97.7	78.2	117.4
167	13.5	11.0	16.4

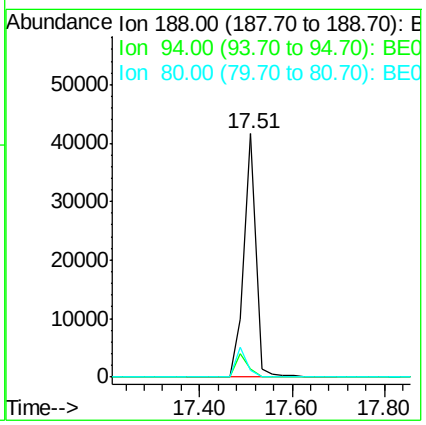


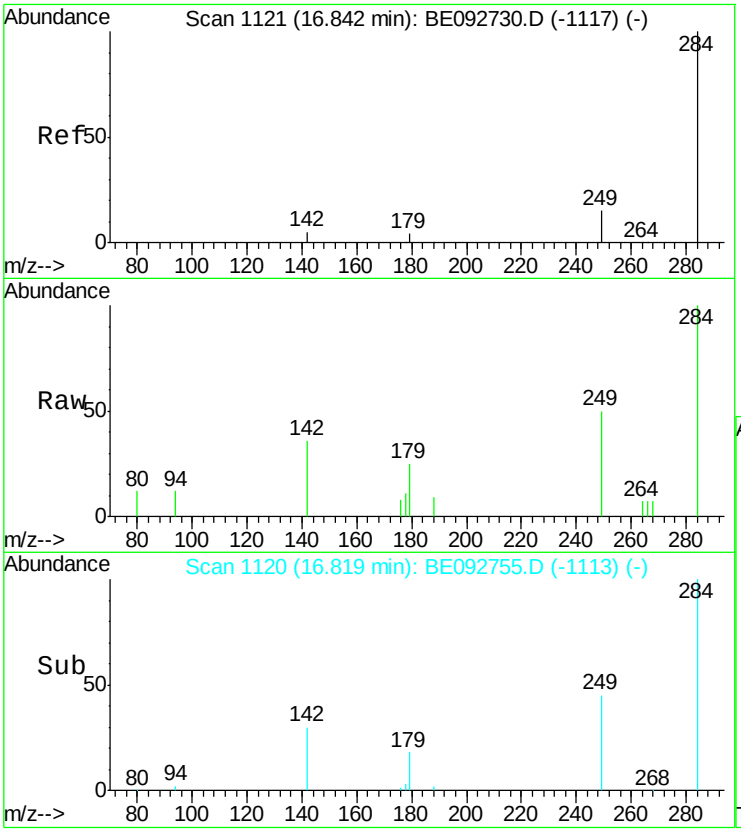


#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.51 min Scan# 1150
Delta R.T. -0.00 min
Lab File: BE092755.D
Acq: 24 Feb 2017 11:53

Tgt Ion:188 Resp: 74785

Ion	Ratio	Lower	Upper
188	100		
94	3.4	3.2	4.8
80	2.8	2.6	3.8



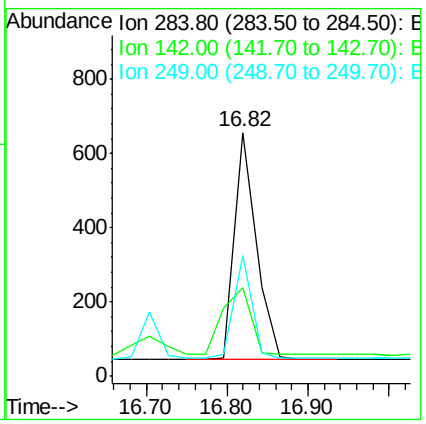


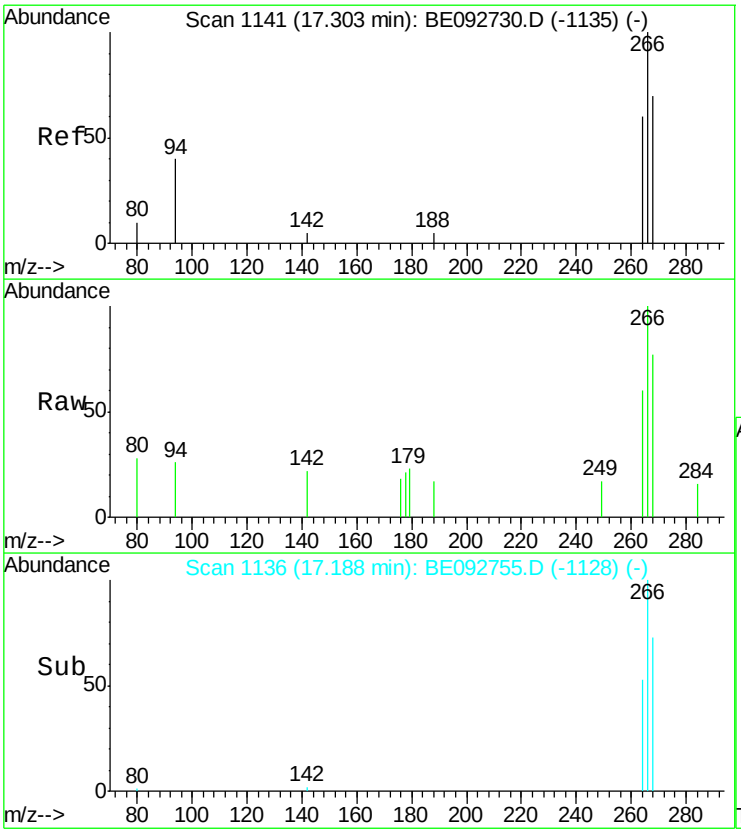
#19
Hexachlorobenzene
Concen: 0.39 ng
RT: 16.82 min Scan# 1120
Delta R.T. -0.02 min
Lab File: BE092755.D
Acq: 24 Feb 2017 11:53

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:284 Resp: 1135

Ion	Ratio	Lower	Upper
284	100		
142	38.0	29.1	43.7
249	37.2	27.9	41.9

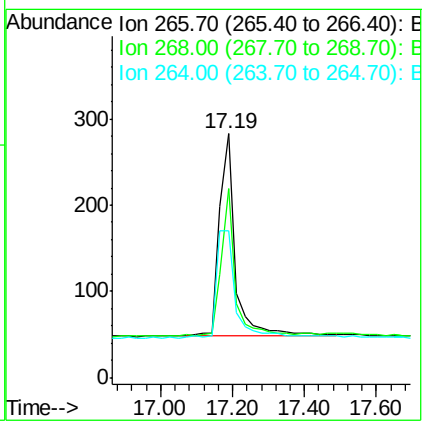


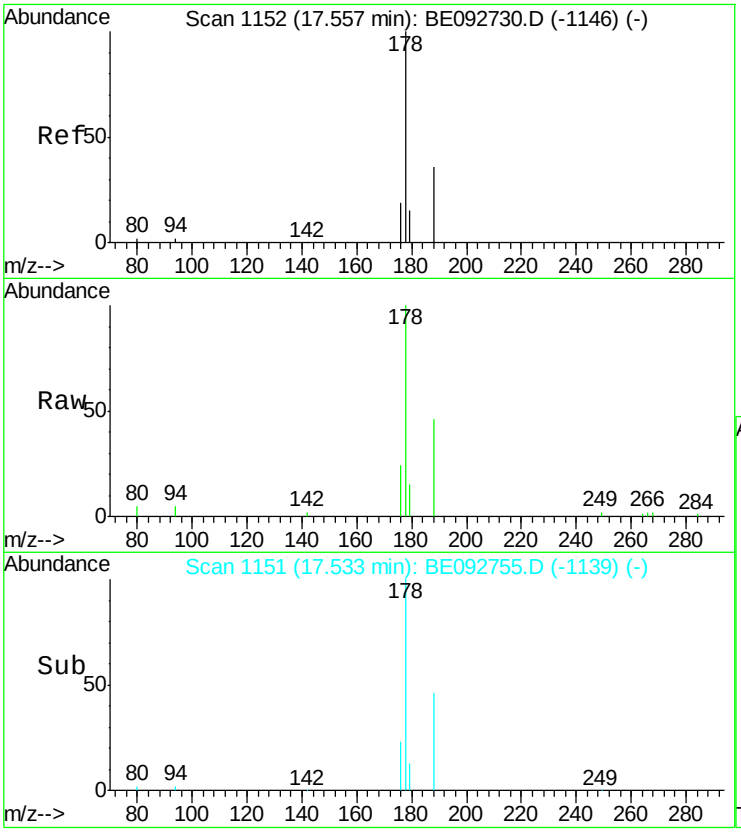


#20
Pentachlorophenol
Concen: 1.05 ng
RT: 17.19 min Scan# 1136
Delta R.T. -0.12 min
Lab File: BE092755.D
Acq: 24 Feb 2017 11:53

Tgt Ion:266 Resp: 697

Ion	Ratio	Lower	Upper
266	100		
268	77.4	62.5	93.7
264	60.4	57.2	85.8



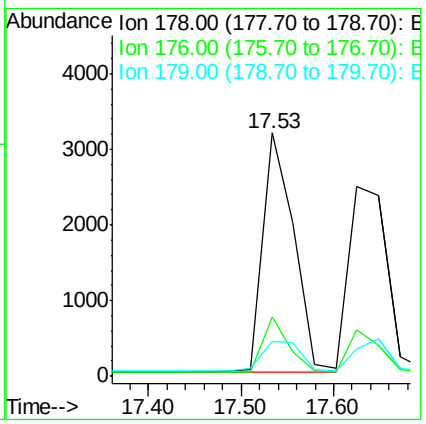


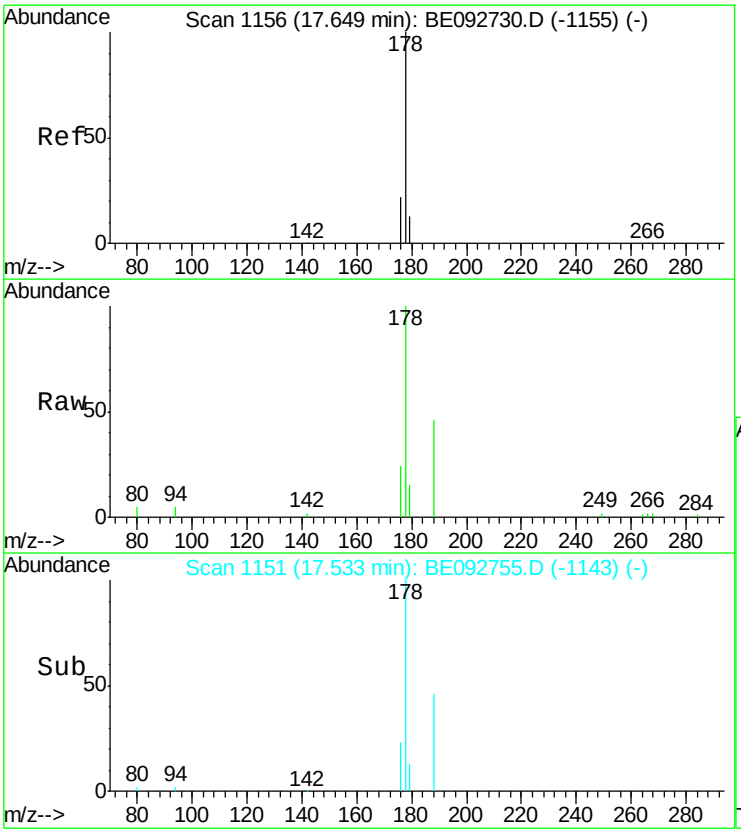
#21
Phenanthrene
Concen: 0.41 ng
RT: 17.53 min Scan# 1151
Delta R.T. -0.02 min
Lab File: BE092755.D
Acq: 24 Feb 2017 11:53

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 7334

Ion	Ratio	Lower	Upper
178	100		
176	19.9	15.8	23.8
179	16.0	16.0	24.0

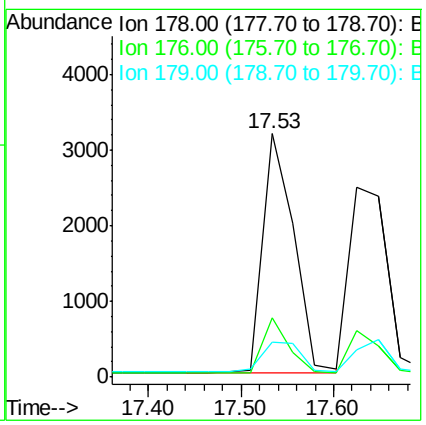


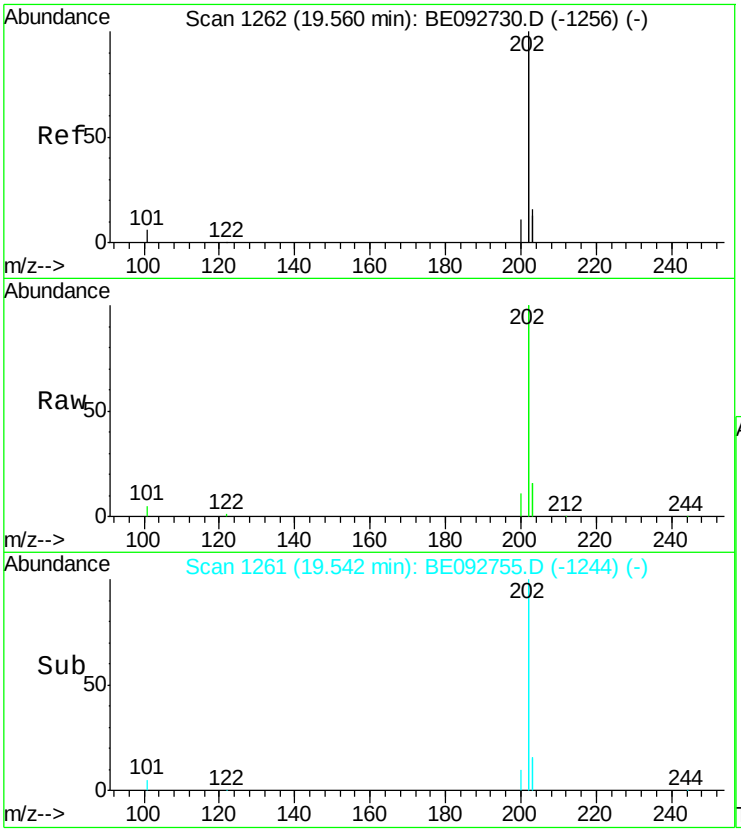


#22
Anthracene
Concen: 0.45 ng
RT: 17.53 min Scan# 1151
Delta R.T. -0.12 min
Lab File: BE092755.D
Acq: 24 Feb 2017 11:53

Tgt Ion:178 Resp: 7334

Ion	Ratio	Lower	Upper
178	100		
176	19.9	15.0	22.4
179	16.0	12.2	18.2



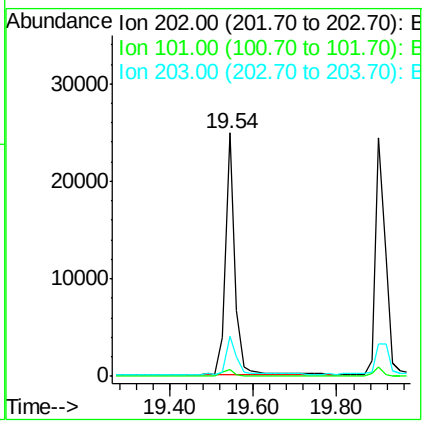


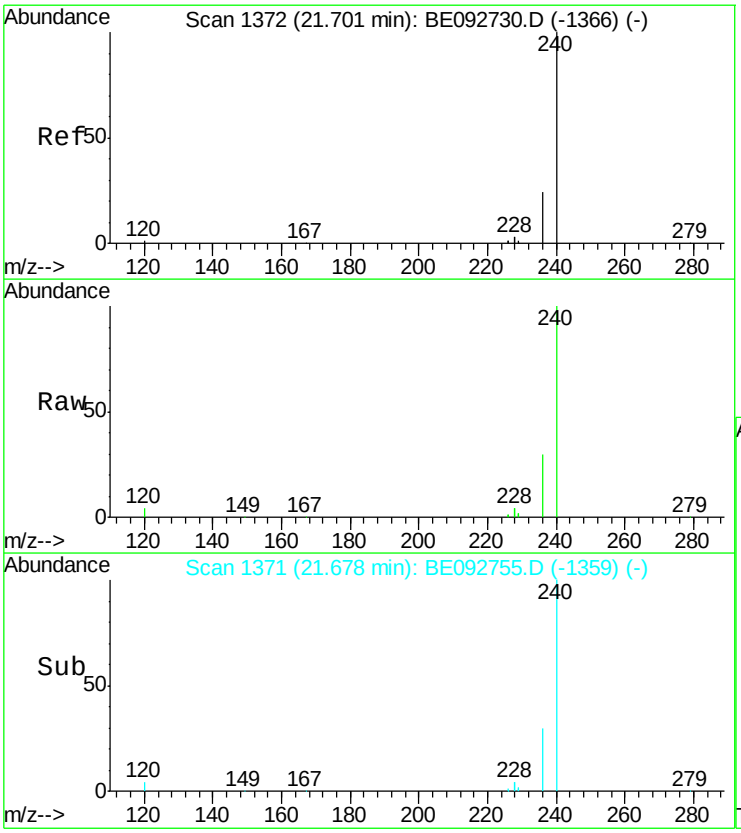
#23
Fluoranthene
Concen: 0.50 ng
RT: 19.54 min Scan# 1261
Delta R.T. -0.02 min
Lab File: BE092755.D
Acq: 24 Feb 2017 11:53

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:202 Resp: 37994

Ion	Ratio	Lower	Upper
202	100		
101	2.8	2.2	3.4
203	17.6	13.7	20.5

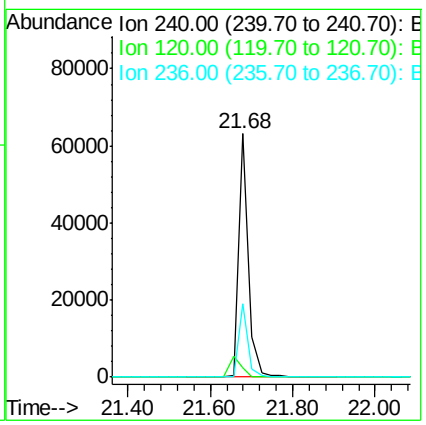


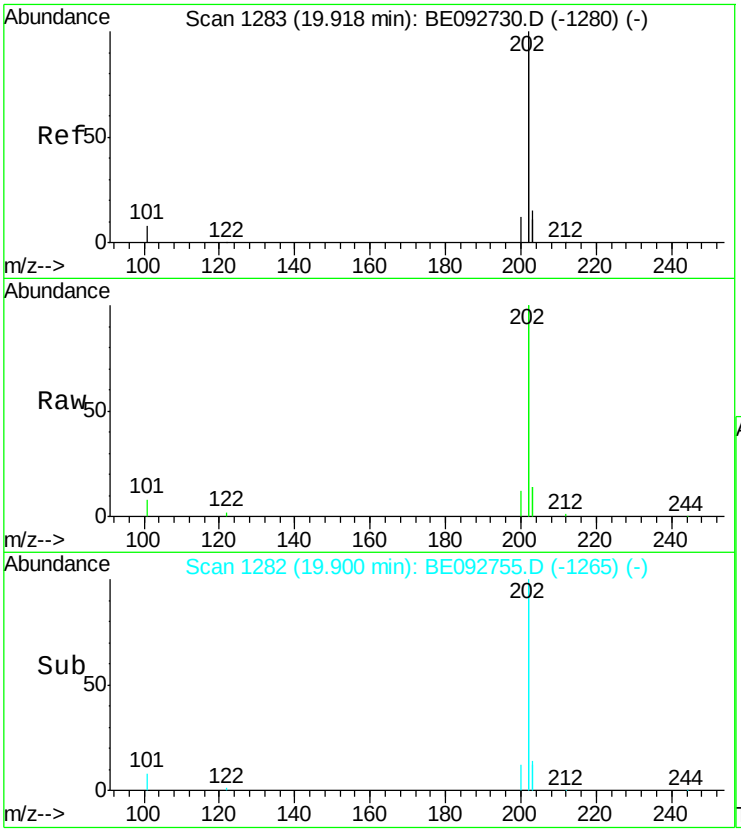


#24
Chrysene-d12
Concen: 5.00 ng
RT: 21.68 min Scan# 1371
Delta R.T. -0.02 min
Lab File: BE092755.D
Acq: 24 Feb 2017 11:53

Tgt Ion:240 Resp: 103496

Ion	Ratio	Lower	Upper
240	100		
120	4.1	2.6	4.0#
236	30.0	24.6	37.0



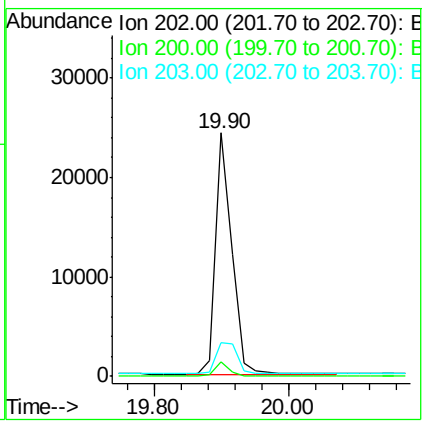


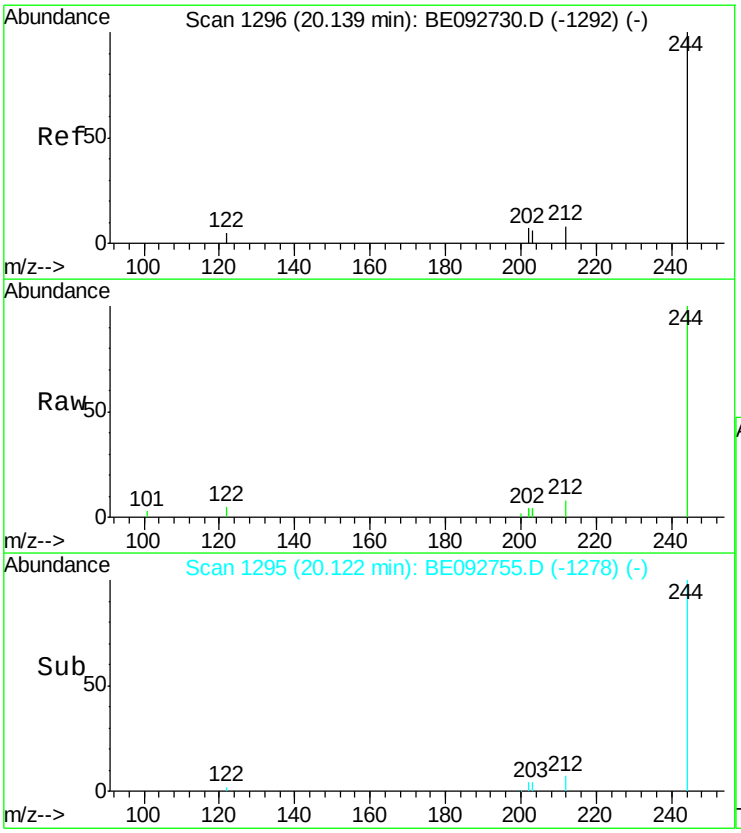
#25
Pyrene
Concen: 0.41 ng
RT: 19.90 min Scan# 1282
Delta R.T. -0.02 min
Lab File: BE092755.D
Acq: 24 Feb 2017 11:53

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:202 Resp: 40632

Ion	Ratio	Lower	Upper
202	100		
200	5.4	4.2	6.4
203	17.4	13.9	20.9

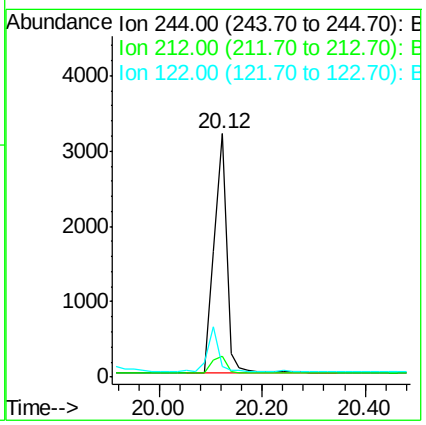


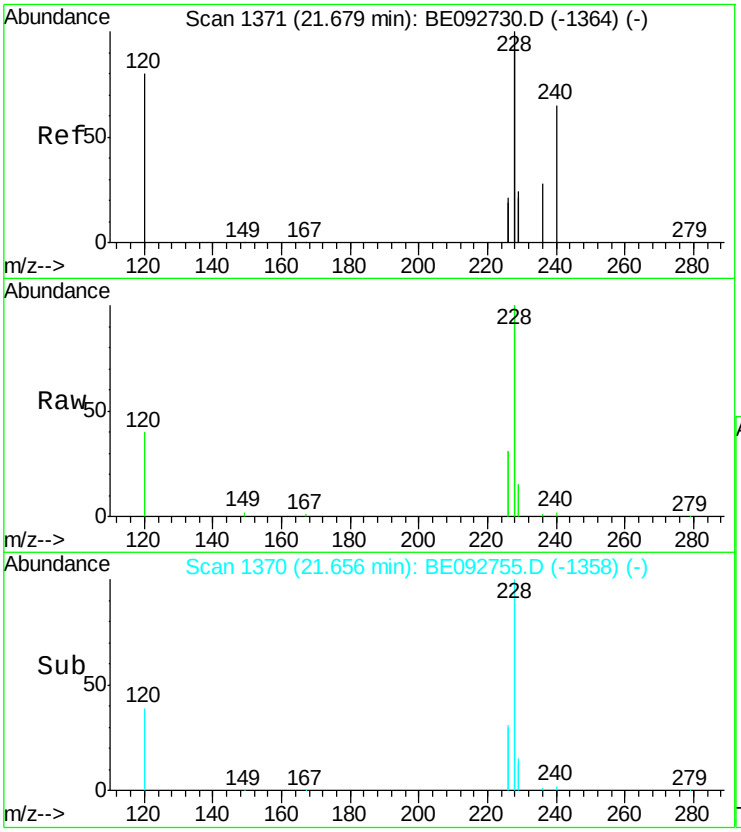


#26
Terphenyl-d14
Concen: 0.41 ng
RT: 20.12 min Scan# 1295
Delta R.T. -0.02 min
Lab File: BE092755.D
Acq: 24 Feb 2017 11:53

Tgt Ion:244 Resp: 5393

Ion	Ratio	Lower	Upper
244	100		
212	8.4	6.7	10.1
122	4.5	3.6	5.4



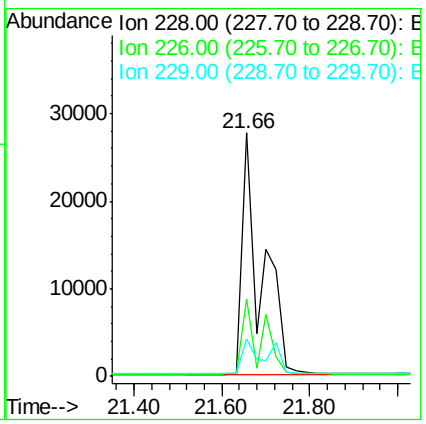


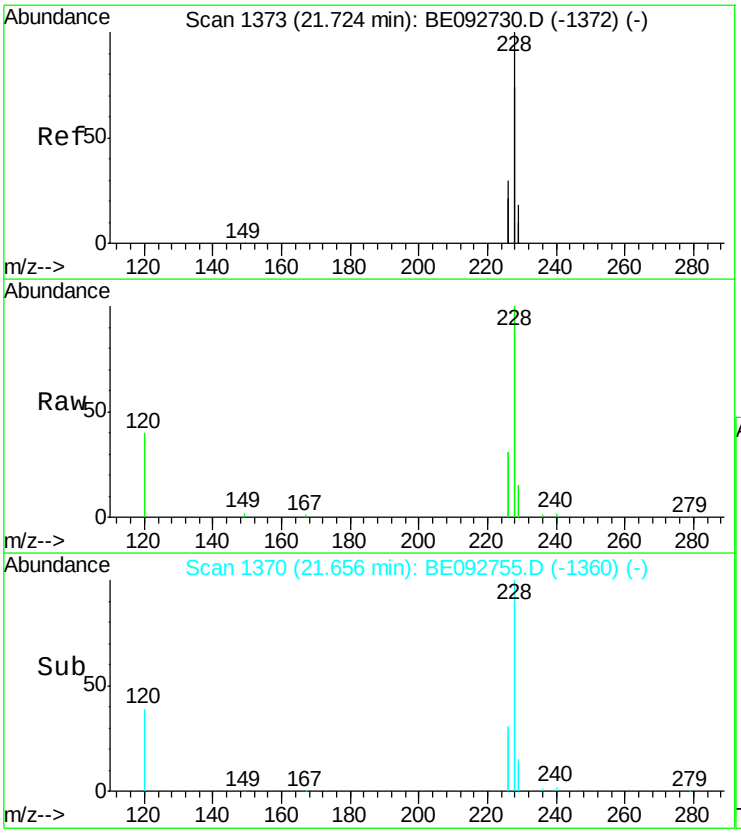
#27
Benzo(a)anthracene
Concen: 0.82 ng
RT: 21.66 min Scan# 1370
Delta R.T. -0.02 min
Lab File: BE092755.D
Acq: 24 Feb 2017 11:53

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 82011

Ion	Ratio	Lower	Upper
228	100		
226	31.5	23.6	35.4
229	15.3	13.3	19.9

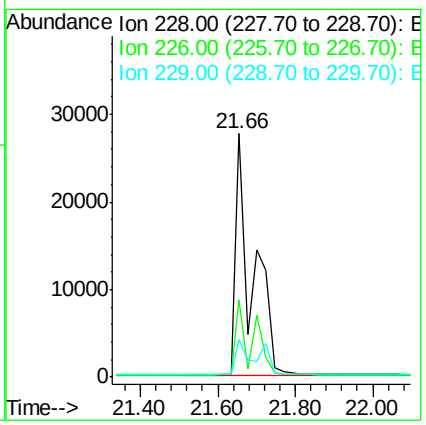


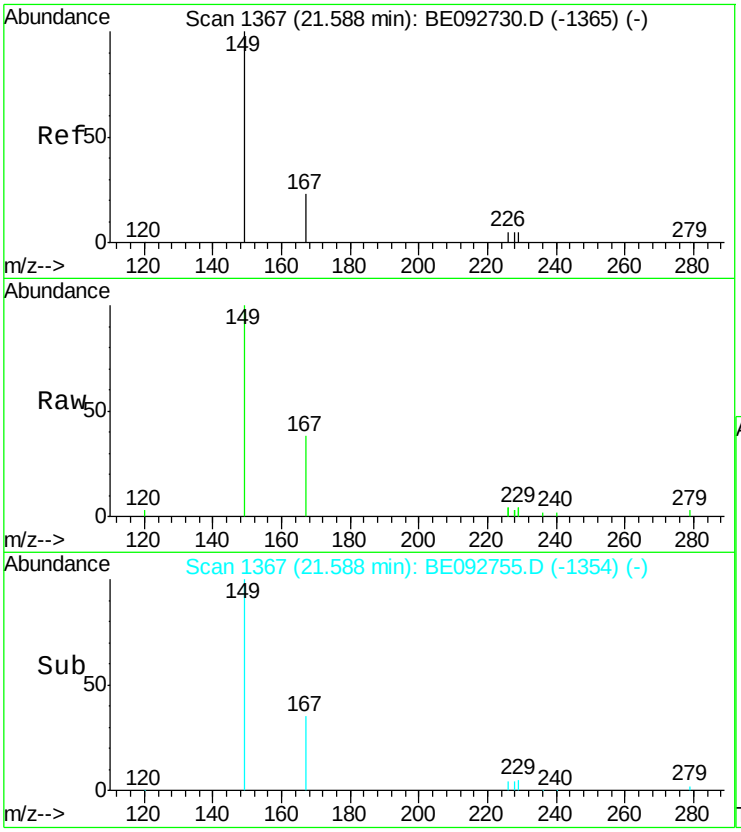


#28
Chrysene
Concen: 0.69 ng
RT: 21.66 min Scan# 1370
Delta R.T. -0.07 min
Lab File: BE092755.D
Acq: 24 Feb 2017 11:53

Tgt Ion:228 Resp: 82247

Ion	Ratio	Lower	Upper
228	100		
226	31.5	36.3	54.5#
229	15.3	10.6	16.0



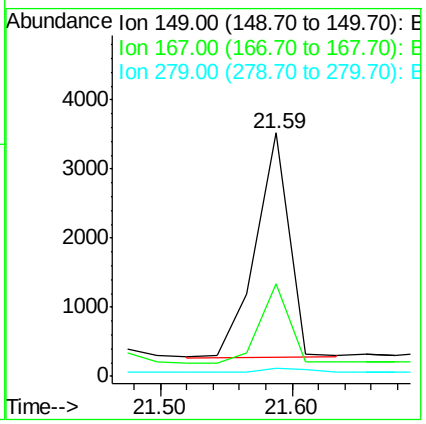


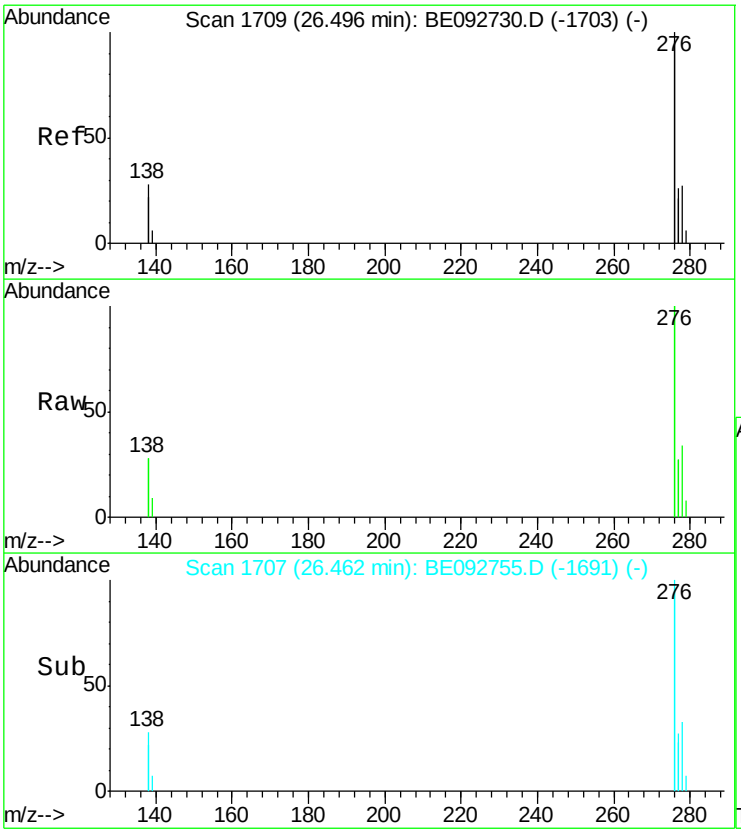
#29
Bis(2-ethylhexyl)phthalate
Concen: 0.47 ng
RT: 21.59 min Scan# 1367
Delta R.T. 0.00 min
Lab File: BE092755.D
Acq: 24 Feb 2017 11:53

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:149 Resp: 5728

Ion	Ratio	Lower	Upper
149	100		
167	31.3	16.0	24.0#
279	2.6	16.0	24.0#

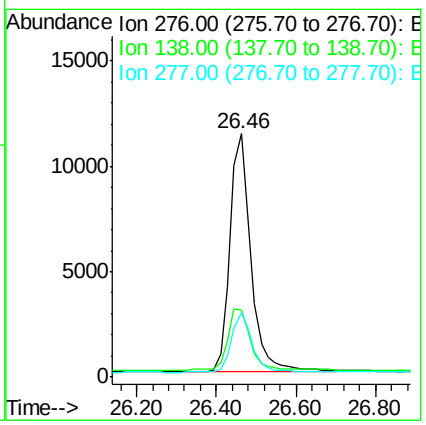


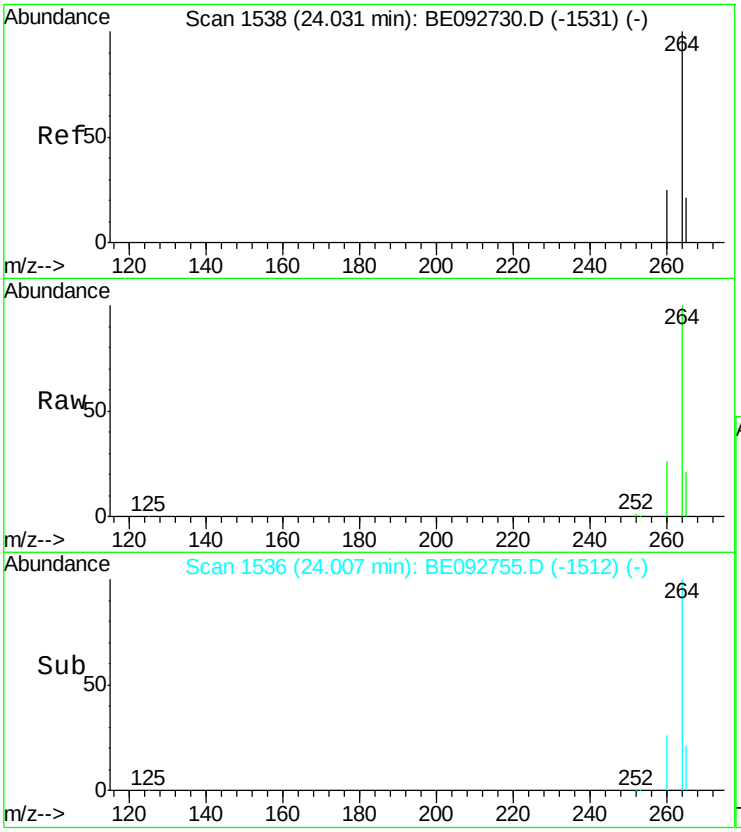


#30
Indeno(1,2,3-cd)pyrene
Concen: 0.36 ng
RT: 26.46 min Scan# 1707
Delta R.T. -0.03 min
Lab File: BE092755.D
Acq: 24 Feb 2017 11:53

Tgt Ion:276 Resp: 41596

Ion	Ratio	Lower	Upper
276	100		
138	28.6	20.3	30.5
277	24.9	19.7	29.5



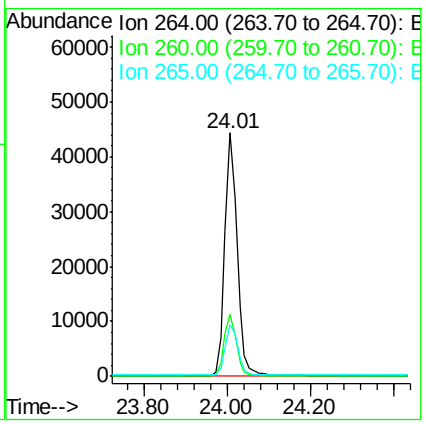


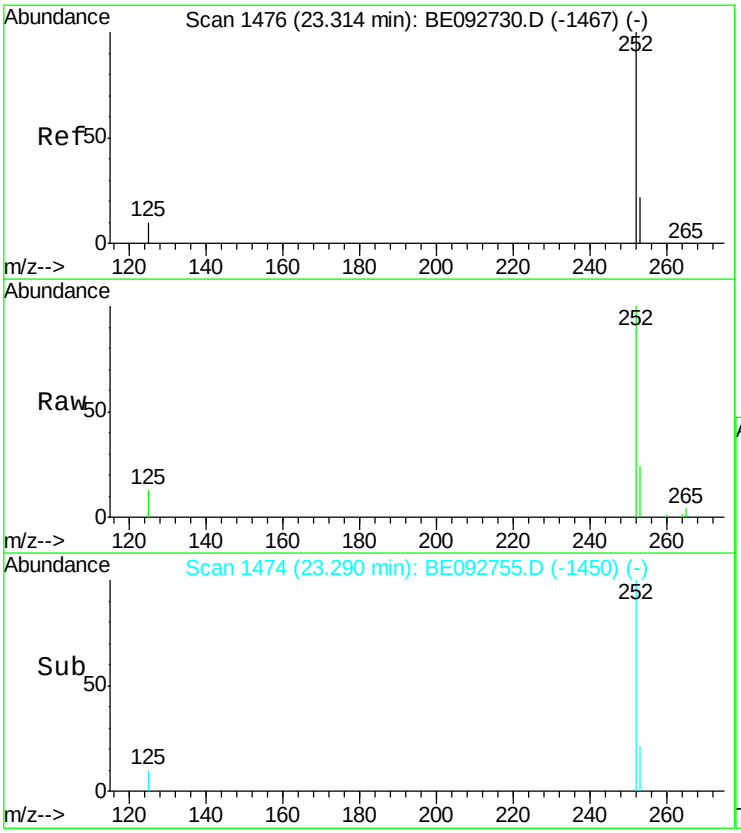
#31
Perylene-d12
Concen: 5.00 ng
RT: 24.01 min Scan# 1536
Delta R.T. -0.02 min
Lab File: BE092755.D
Acq: 24 Feb 2017 11:53

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:264 Resp: 92307

Ion	Ratio	Lower	Upper
264	100		
260	25.6	20.1	30.1
265	21.4	17.9	26.9

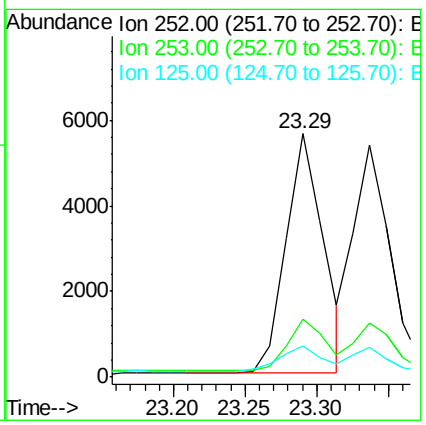


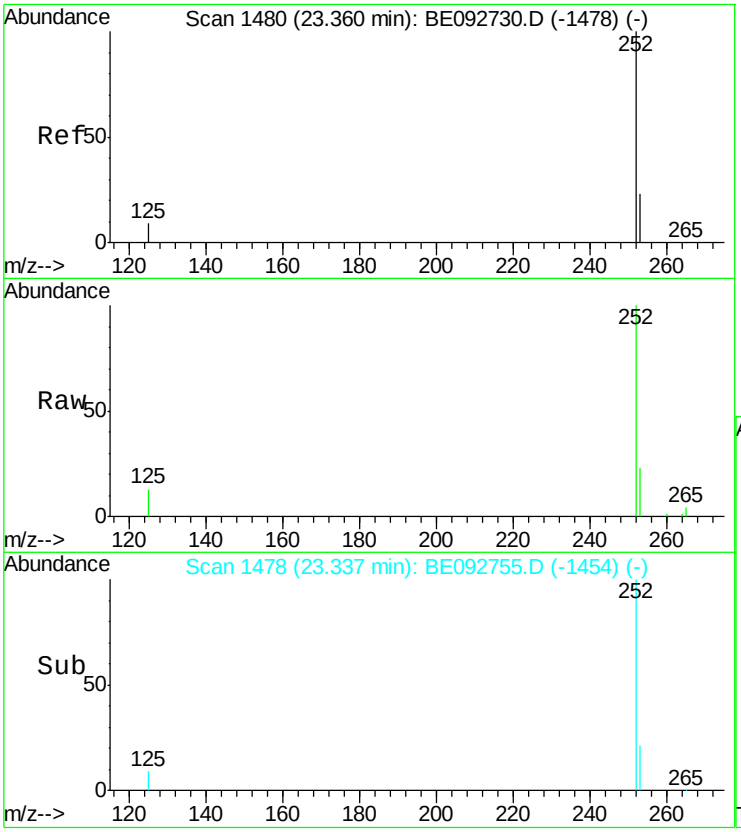


#32
Benzo(b)fluoranthene
Concen: 0.45 ng
RT: 23.29 min Scan# 1474
Delta R.T. -0.02 min
Lab File: BE092755.D
Acq: 24 Feb 2017 11:53

Tgt Ion:252 Resp: 10110

Ion	Ratio	Lower	Upper
252	100		
253	23.6	18.7	28.1
125	12.6	10.5	15.7



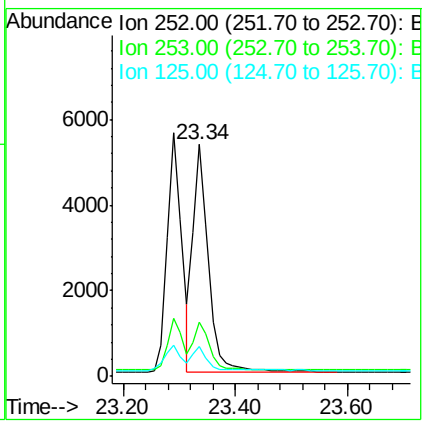


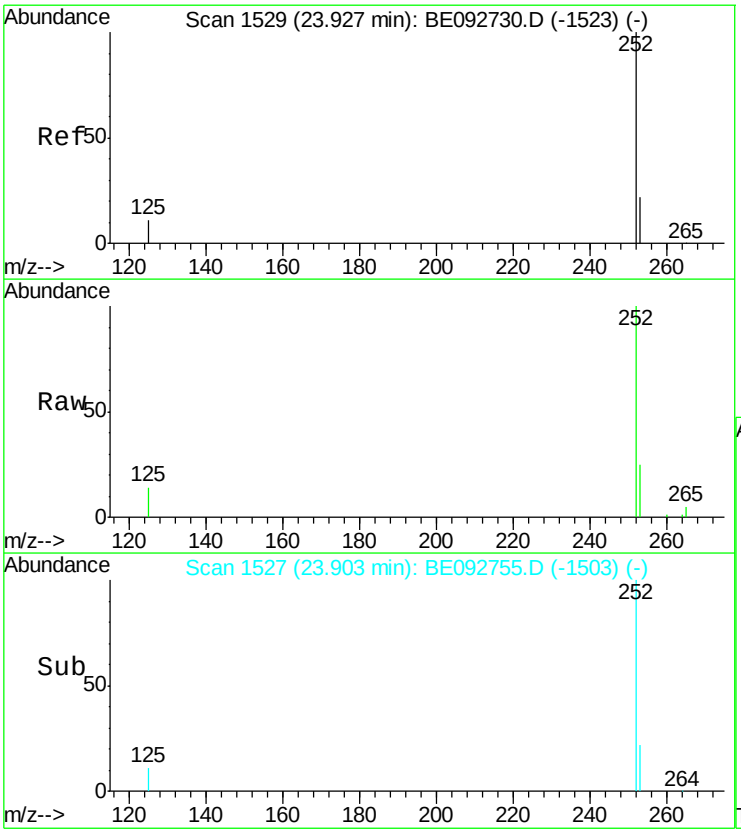
#33
Benzo(k)fluoranthene
Concen: 0.39 ng
RT: 23.34 min Scan# 1478
Delta R.T. -0.02 min
Lab File: BE092755.D
Acq: 24 Feb 2017 11:53

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 10059

Ion	Ratio	Lower	Upper
252	100		
253	23.3	20.3	30.5
125	12.6	9.6	14.4

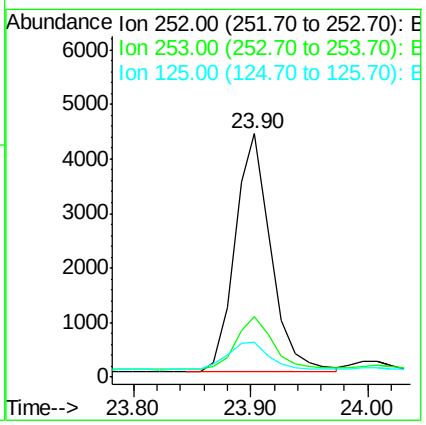


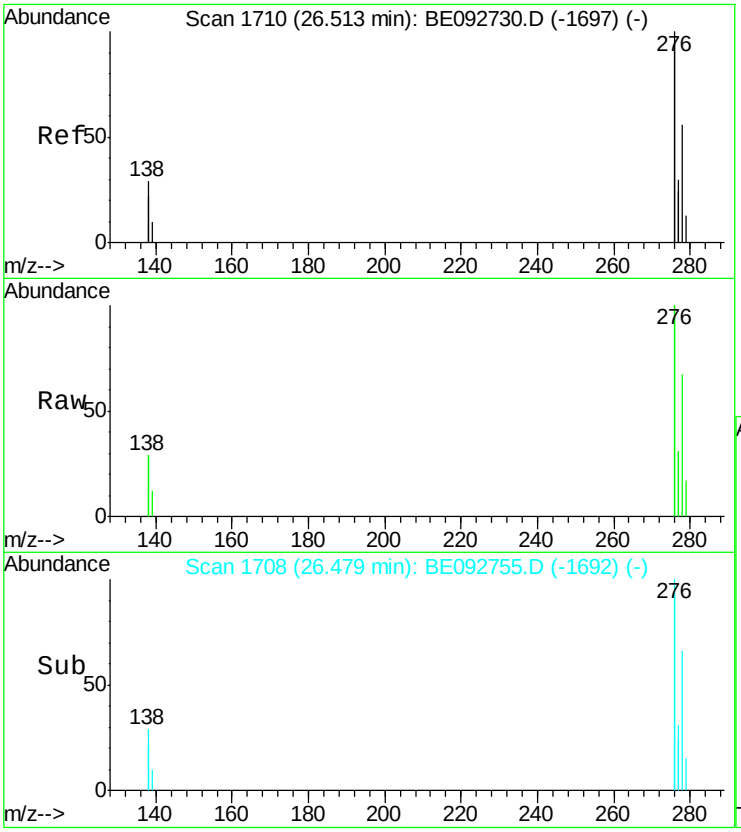


#34
Benzo(a)pyrene
Concen: 0.39 ng
RT: 23.90 min Scan# 1527
Delta R.T. -0.02 min
Lab File: BE092755.D
Acq: 24 Feb 2017 11:53

Tgt Ion:252 Resp: 9315

Ion	Ratio	Lower	Upper
252	100		
253	24.9	19.0	28.6
125	14.2	11.8	17.8



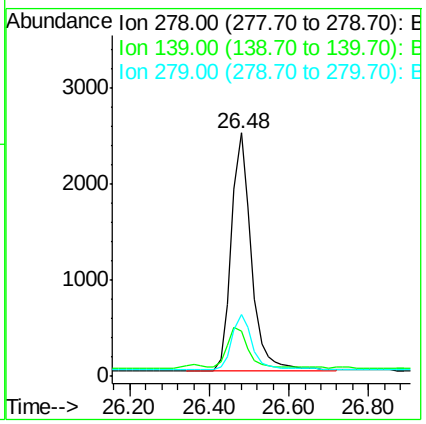


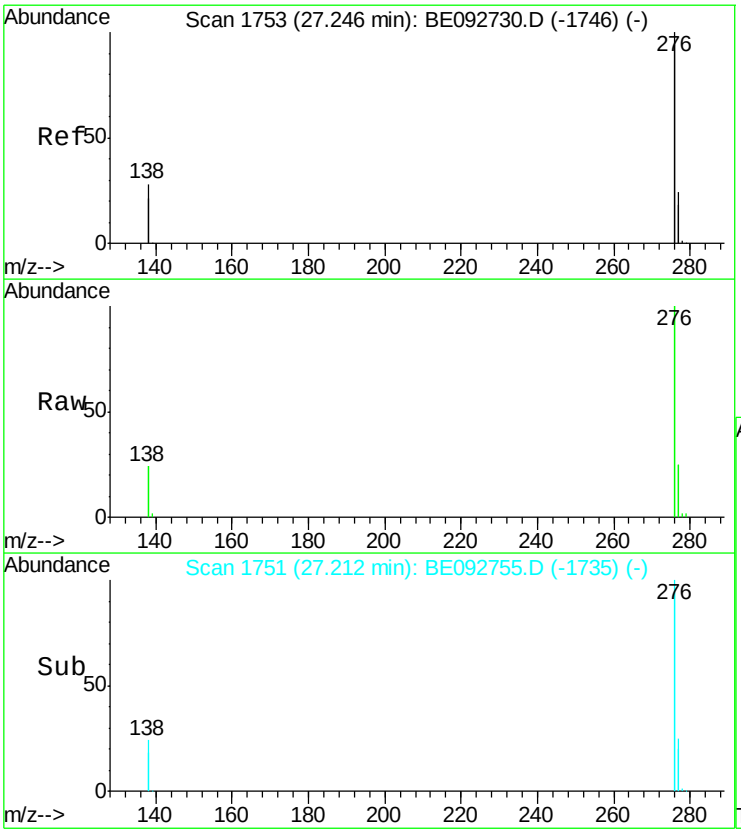
#35
Dibenzo(a,h)anthracene
Concen: 0.38 ng
RT: 26.48 min Scan# 1708
Delta R.T. -0.03 min
Lab File: BE092755.D
Acq: 24 Feb 2017 11:53

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:278 Resp: 8759

Ion	Ratio	Lower	Upper
278	100		
139	18.6	13.8	20.8
279	25.4	21.4	32.2





#36
Benzo(g,h,i)perylene
Concen: 0.38 ng
RT: 27.21 min Scan# 1751
Delta R.T. -0.03 min
Lab File: BE092755.D
Acq: 24 Feb 2017 11:53

Tgt Ion:276 Resp: 36565

Ion	Ratio	Lower	Upper
276	100		
277	25.1	19.8	29.8
138	24.4	19.8	29.6