Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE022817\
Data File : BE092767.D
Acq On : 28 Feb 2017 17:40
Operator : SJ/MA
Sample : I2006-04MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : C19013051MSD

Quant Time: Mar 01 08:06:53 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	9308	5.00	ng		-0.02
7) Naphthalene-d8	10.88	136	41353	5.00	ng		-0.02
12) Acenaphthene-d10	14.75	164	25747	5.00	ng		-0.02
18) Phenanthrene-d10	17.51	188	59137	5.00	ng		0.00
24) Chrysene-d12	21.68	240	92216	5.00	ng		-0.02
31) Perylene-d12	24.01	264	77963	5.00	ng		-0.02
System Monitoring Compounds							
4) 2-Fluorophenol	5.60	112	9527	5.26	ng		-0.03
5) Phenol-d6	7.27	99	8383	3.77	ng		-0.05
8) Nitrobenzene-d5	9.27	82	14756	5.28	ng		-0.05
13) 2,4,6-Tribromophenol	16.24	330	11476	21.00	ng		-0.05
14) 2-Fluorobiphenyl	13.36	172	36771	5.86	ng		-0.03
26) Terphenyl-d14	20.11	244	67551	5.74	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	3.33	88	1929	1.64	ng	#	77
3) n-Nitrosodimethylamine	3.69	42	3028	1.90	ng	#	93
6) bis(2-Chloroethyl)ether	7.52	93	13039	5.30	ng	#	27
9) Naphthalene	10.91	128	59623	6.66	ng		97
10) Hexachlorobutadiene	11.20	225	6149	4.67	ng		100
11) 2-Methylnaphthalene	12.54	142	39904	7.10	ng		98
15) Acenaphthylene	14.46	152	233167	6.00	ng		95
16) Acenaphthene	14.81	154	42369	7.50	ng		93
17) Fluorene	15.80	166	63558	8.77	ng		98
19) Hexachlorobenzene	16.82	284	13836	6.06	ng	#	66
20) Pentachlorophenol	17.17	266	17144	24.98	ng	#	86
21) Phenanthrene	17.63	178	91994	6.55	ng		96
22) Anthracene	17.63	178	94598	7.31	ng		97
23) Fluoranthene	19.54	202	441976	7.33	ng		99
25) Pyrene	19.90	202	477619	5.44	ng		99
27) Benzo(a)anthracene	21.66	228	971793	10.87	ng		98
28) Chrysene	21.66	228	973684	9.18	ng	#	78
29) Bis(2-ethylhexyl)phthalate	21.59	149	65253	5.28	ng	#	69
30) Indeno(1,2,3-cd)pyrene	26.45	276	505218	4.59	ng		97
32) Benzo(b)fluoranthene	23.29	252	123747	6.03	ng	#	97
33) Benzo(k)fluoranthene	23.34	252	113482	5.21	ng		95
34) Benzo(a)pyrene	23.90	252	114994	5.74	ng	#	95
35) Dibenzo(a,h)anthracene	26.46	278	105853	5.37	ng		95
36) Benzo(g,h,i)perylene	27.20	276	433083	5.30	ng		98

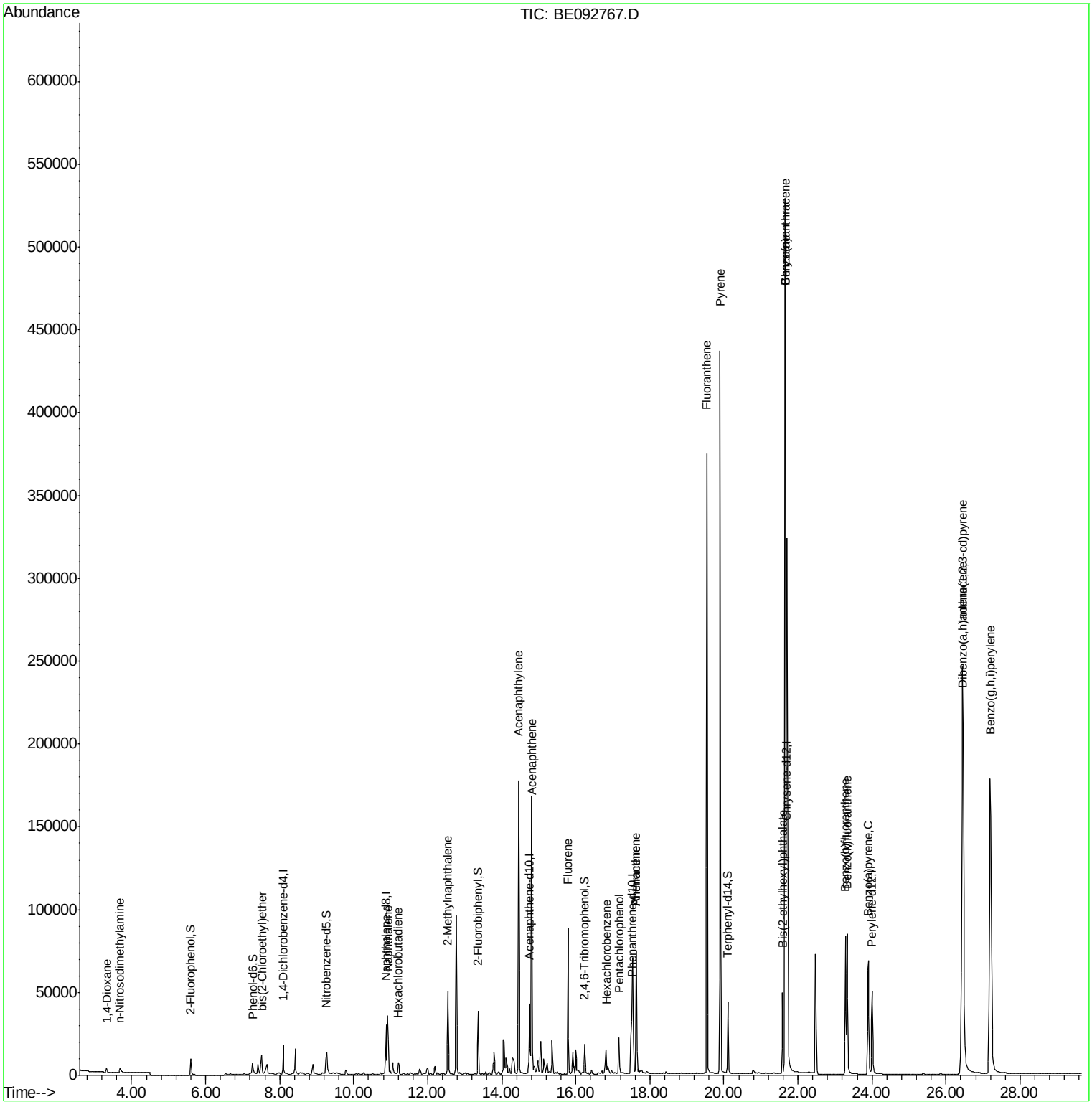
(#) = qualifier out of range (m) = manual integration (+) = signals summed

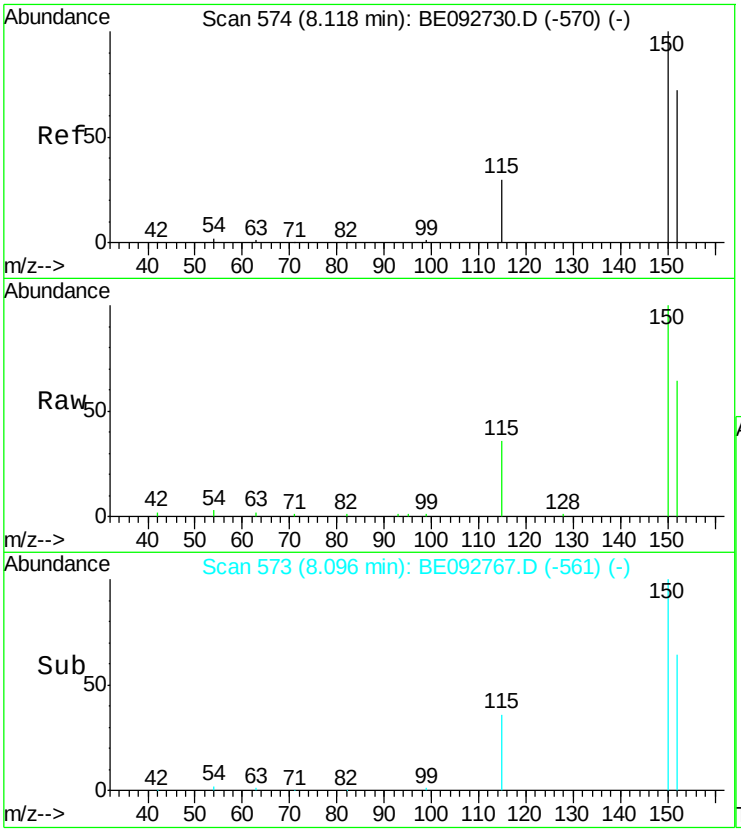
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE022817\
Data File : BE092767.D
Acq On : 28 Feb 2017 17:40
Operator : SJ/MA
Sample : I2006-04MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
C19013051MSD

Quant Time: Mar 01 08:06:53 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



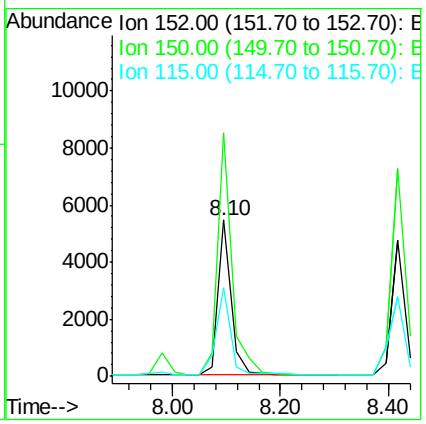


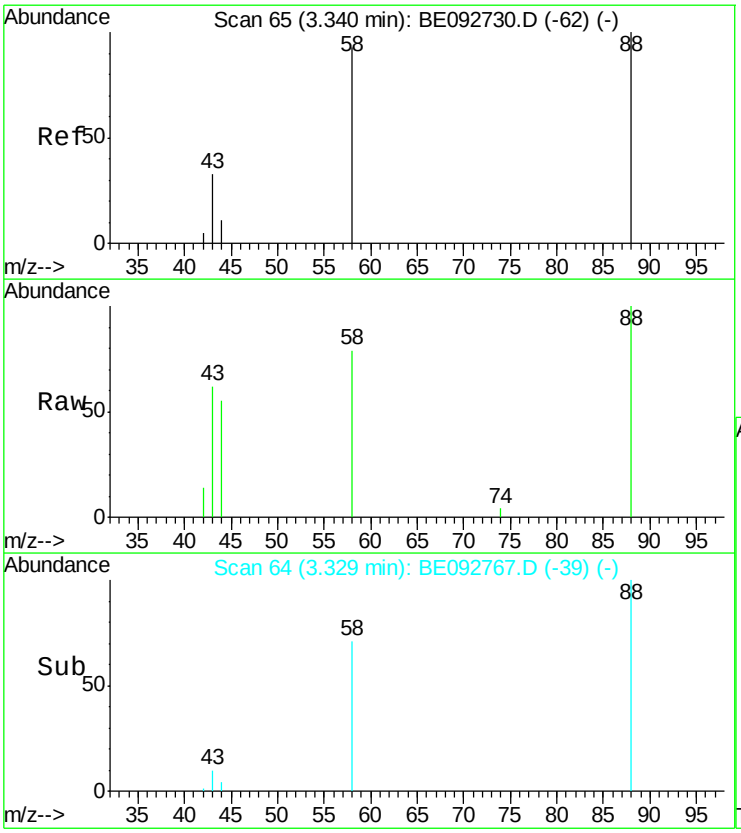
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 8.10 min Scan# 573
Delta R.T. -0.02 min
Lab File: BE092767.D
Acq: 28 Feb 2017 17:40

Instrument :
BNA_E
ClientSampleId :
C19013051MSD

Tgt Ion:152 Resp: 9308

Ion	Ratio	Lower	Upper
152	100		
150	155.8	106.0	159.0
115	56.6	31.2	46.8#

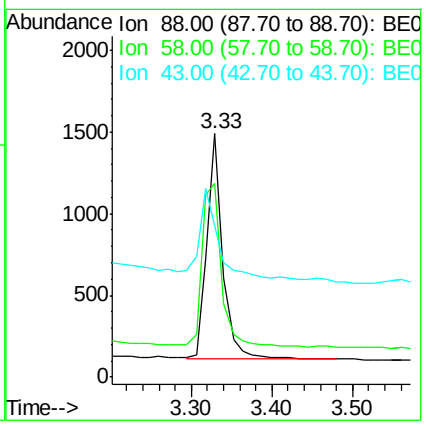


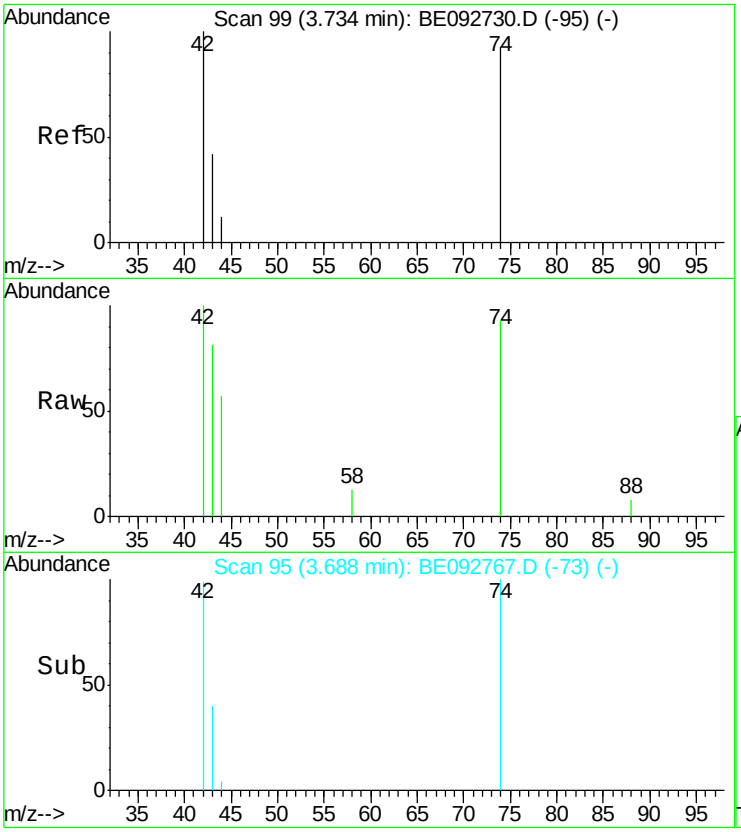


#2
1,4-Dioxane
Concen: 1.64 ng
RT: 3.33 min Scan# 64
Delta R.T. -0.01 min
Lab File: BE092767.D
Acq: 28 Feb 2017 17:40

Tgt Ion: 88 Resp: 1929

Ion	Ratio	Lower	Upper
88	100		
58	88.6	63.6	95.4
43	64.1	28.0	42.0#



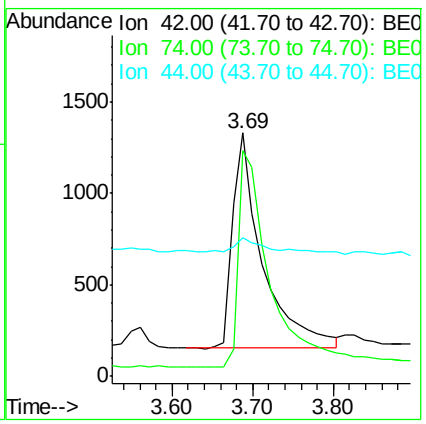


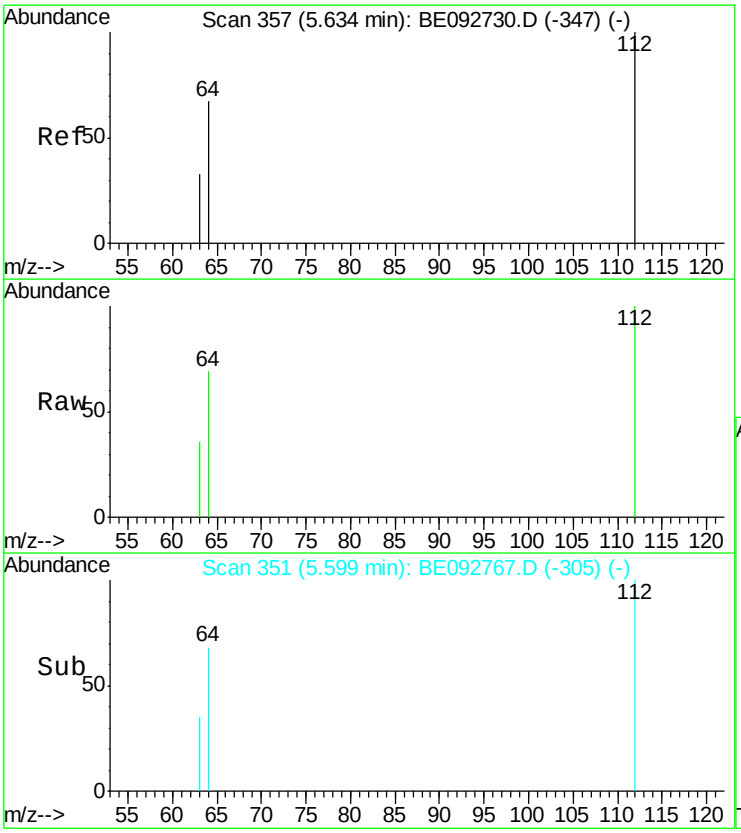
#3
n-Nitrosodimethylamine
Concen: 1.90 ng
RT: 3.69 min Scan# 95
Delta R.T. -0.05 min
Lab File: BE092767.D
Acq: 28 Feb 2017 17:40

Instrument :
BNA_E
ClientSampleId :
C19013051MSD

Tgt Ion: 42 Resp: 3028

Ion	Ratio	Lower	Upper
42	100		
74	115.2	86.0	129.0
44	9.4	5.1	7.7#

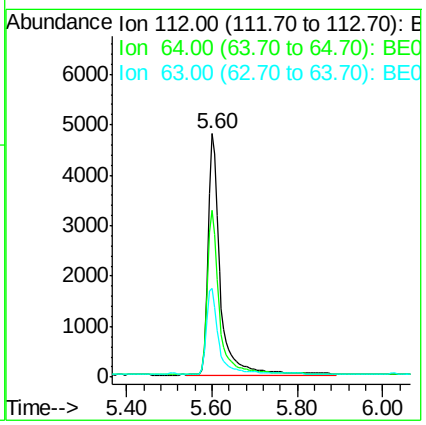


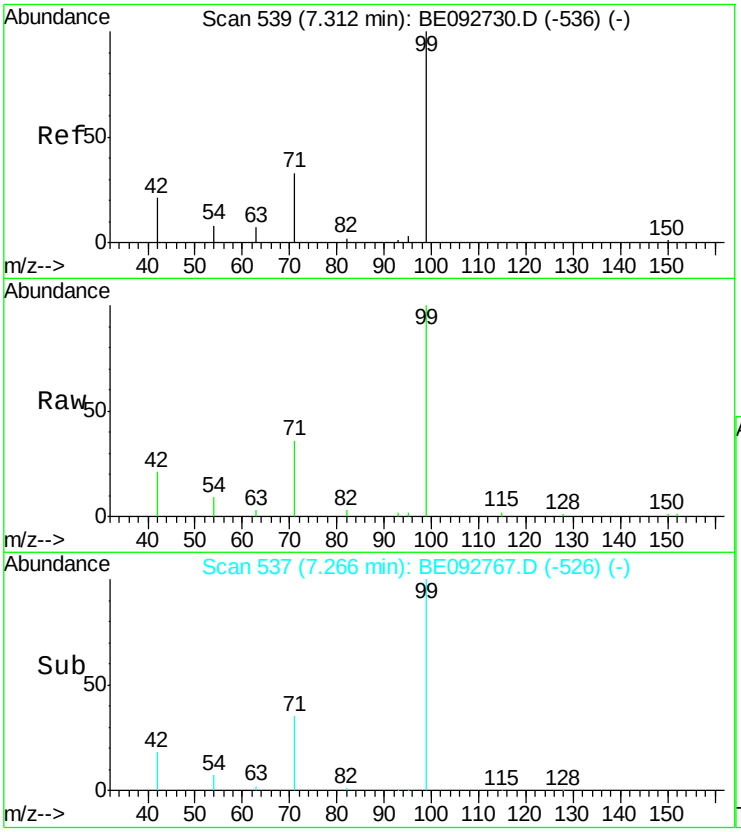


#4
2-Fluorophenol
Concen: 5.26 ng
RT: 5.60 min Scan# 351
Delta R.T. -0.03 min
Lab File: BE092767.D
Acq: 28 Feb 2017 17:40

Tgt Ion:112 Resp: 9527

Ion	Ratio	Lower	Upper
112	100		
64	68.0	53.5	80.3
63	35.8	27.9	41.9



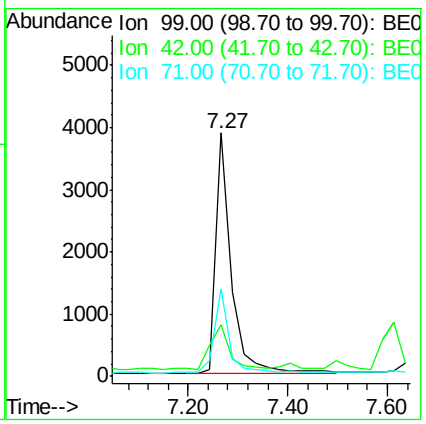


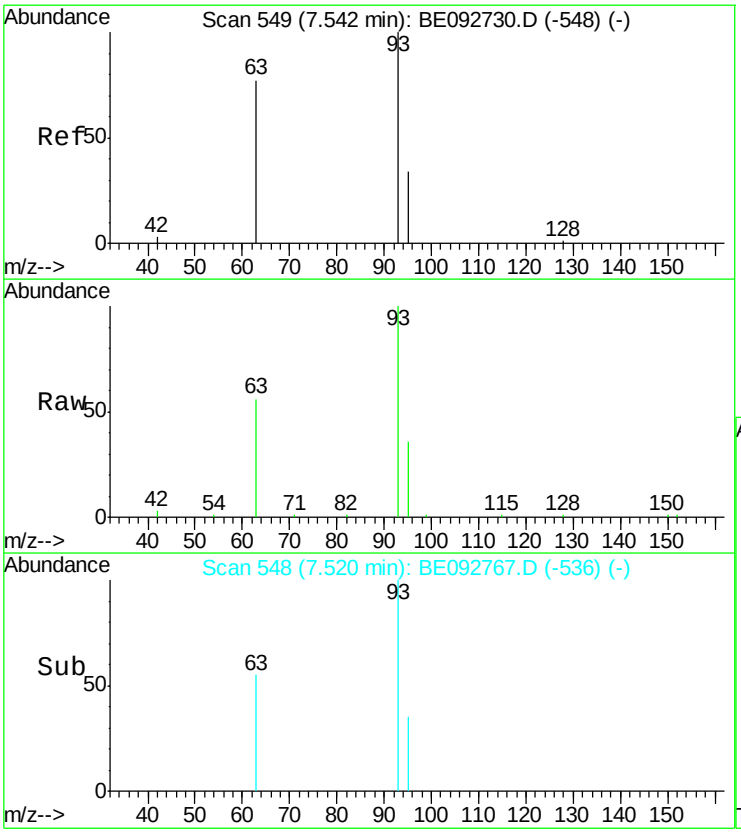
#5
Phenol-d6
Concen: 3.77 ng
RT: 7.27 min Scan# 537
Delta R.T. -0.05 min
Lab File: BE092767.D
Acq: 28 Feb 2017 17:40

Instrument :
BNA_E
ClientSampleId :
C19013051MSD

Tgt Ion: 99 Resp: 8383

Ion	Ratio	Lower	Upper
99	100		
42	21.6	16.0	24.0
71	34.5	30.6	45.8

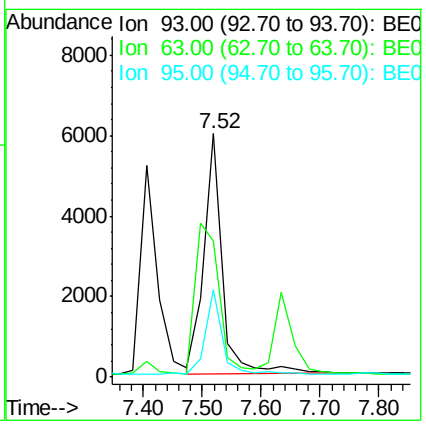


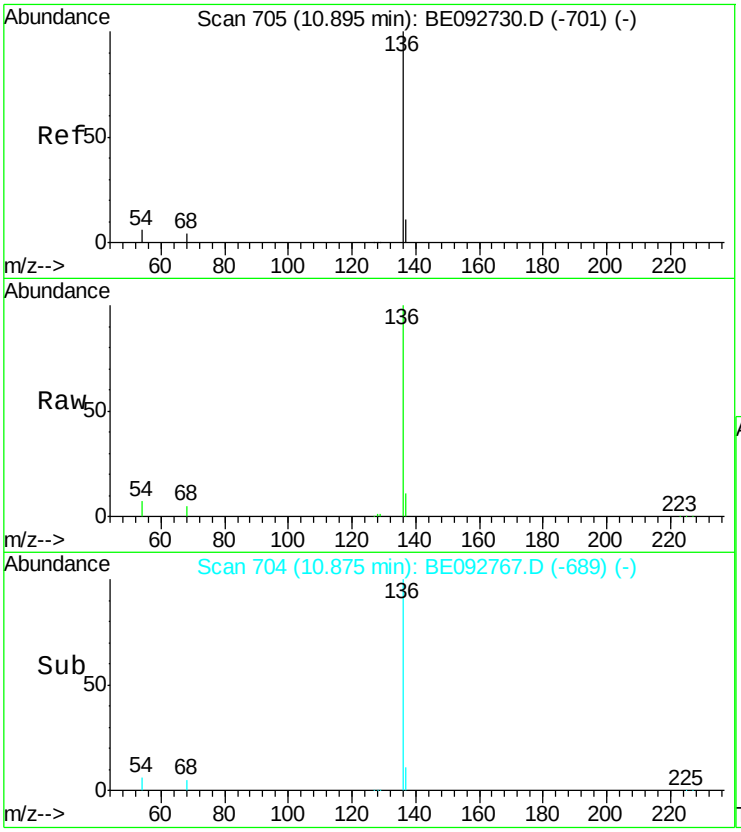


#6
bis(2-Chloroethyl)ether
Concen: 5.30 ng
RT: 7.52 min Scan# 548
Delta R.T. -0.02 min
Lab File: BE092767.D
Acq: 28 Feb 2017 17:40

Tgt Ion: 93 Resp: 13039

Ion	Ratio	Lower	Upper
93	100		
63	0.0	71.6	107.4#
95	33.0	24.0	36.0



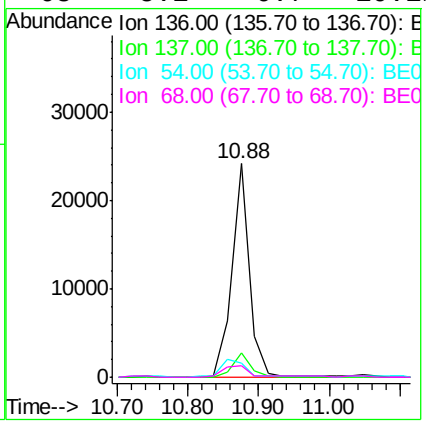


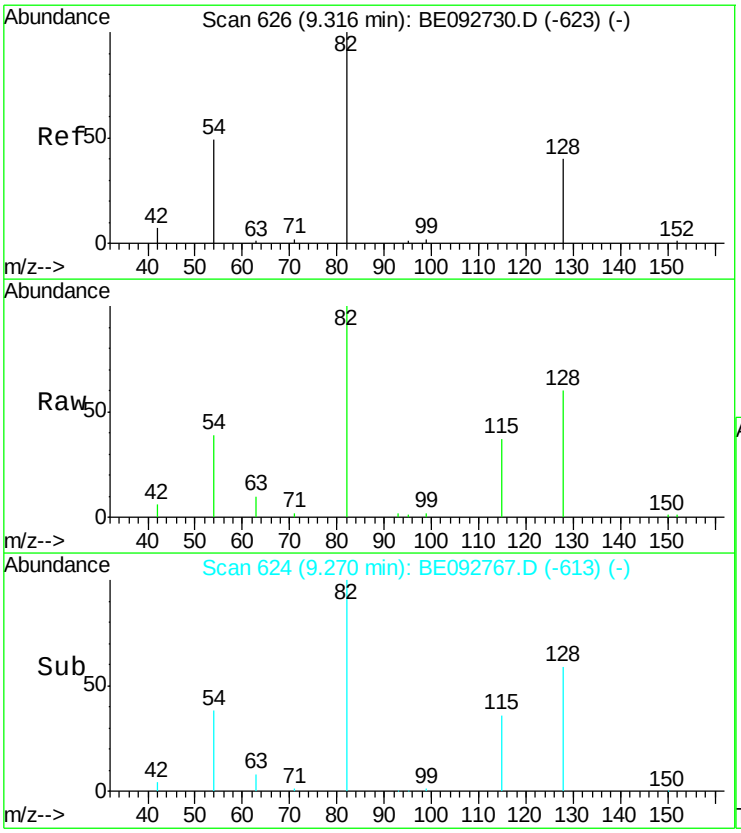
#7
Naphthalene-d8
Concen: 5.00 ng
RT: 10.88 min Scan# 704
Delta R.T. -0.02 min
Lab File: BE092767.D
Acq: 28 Feb 2017 17:40

Instrument :
BNA_E
ClientSampleId :
C19013051MSD

Tgt Ion:136 Resp: 41353

Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.2	12.4
54	6.5	9.6	14.4#
68	5.1	6.7	10.1#

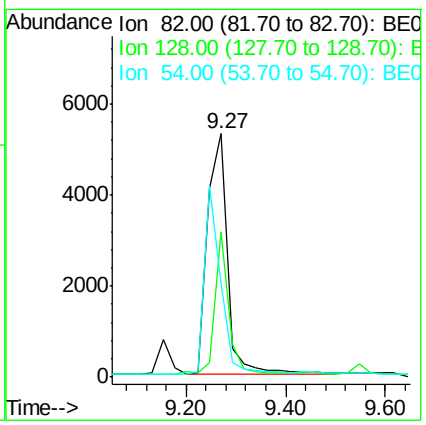


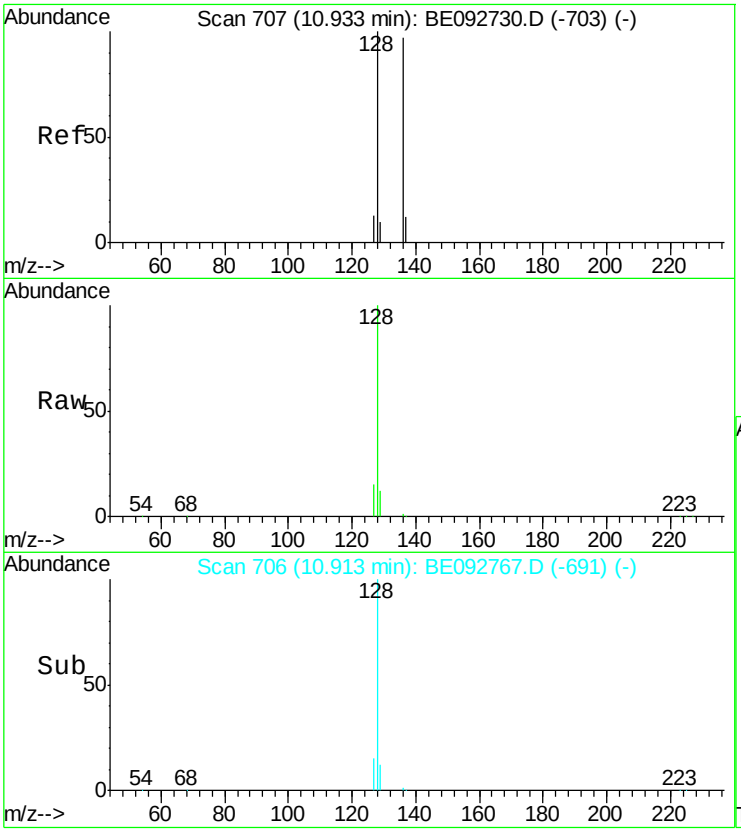


#8
Nitrobenzene-d5
Concen: 5.28 ng
RT: 9.27 min Scan# 624
Delta R.T. -0.05 min
Lab File: BE092767.D
Acq: 28 Feb 2017 17:40

Tgt Ion: 82 Resp: 14756

Ion	Ratio	Lower	Upper
82	100		
128	59.7	39.0	58.4#
54	38.6	44.8	67.2#



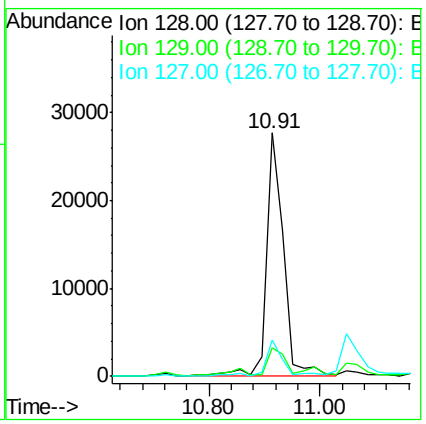


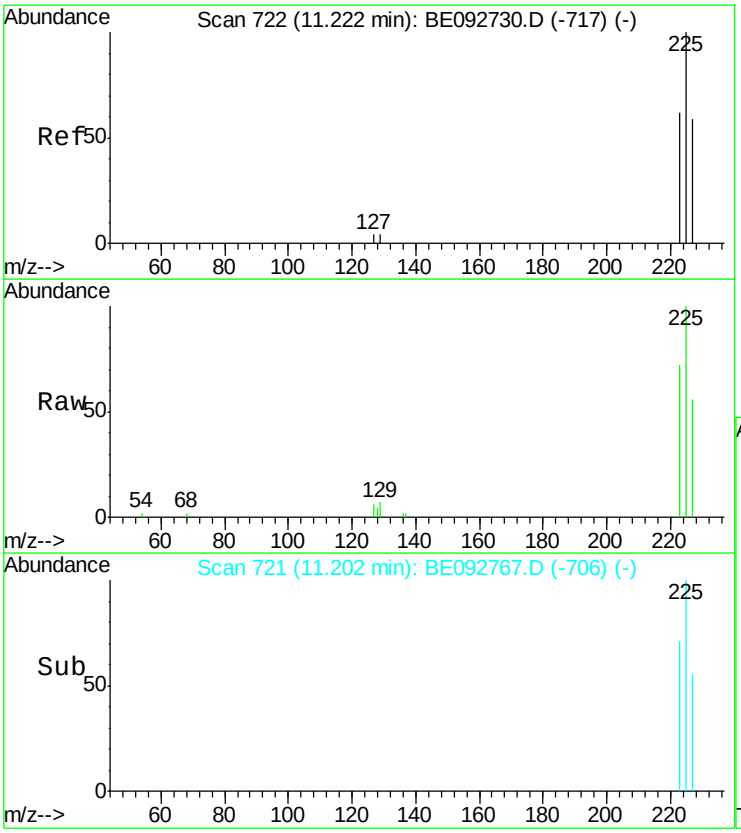
#9
Naphthalene
Concen: 6.66 ng
RT: 10.91 min Scan# 706
Delta R.T. -0.02 min
Lab File: BE092767.D
Acq: 28 Feb 2017 17:40

Instrument :
BNA_E
ClientSampleId :
C19013051MSD

Tgt Ion:128 Resp: 59623

Ion	Ratio	Lower	Upper
128	100		
129	11.7	11.2	16.8
127	14.7	11.6	17.4

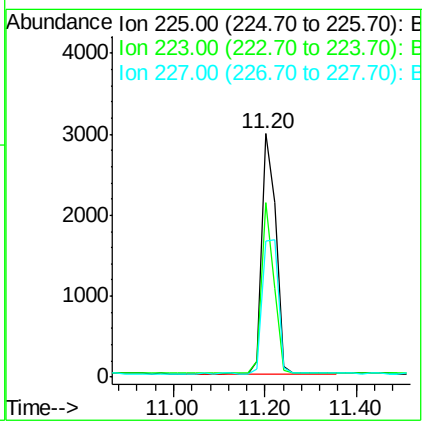


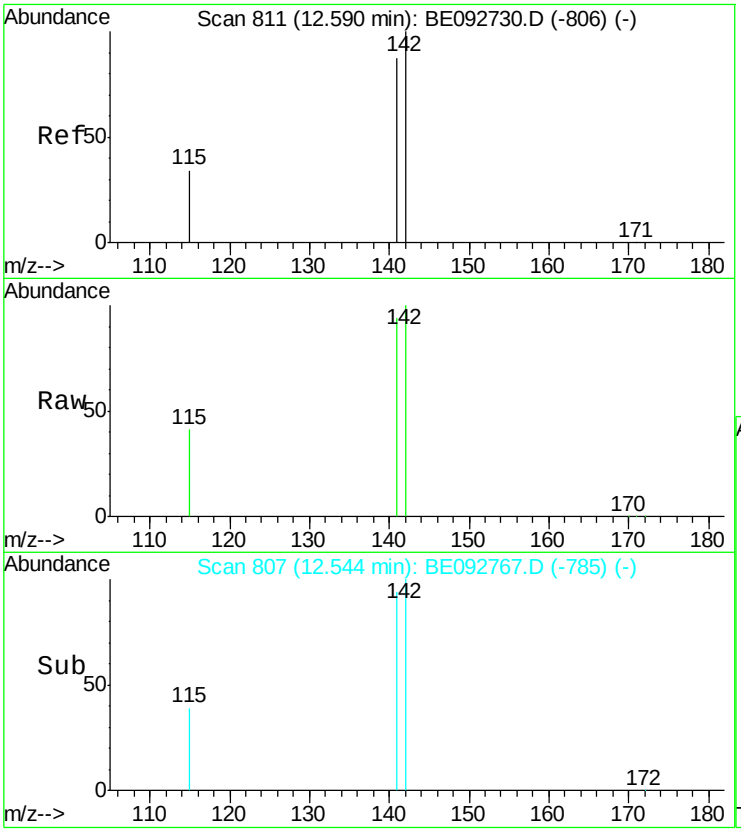


#10
Hexachlorobutadiene
Concen: 4.67 ng
RT: 11.20 min Scan# 721
Delta R.T. -0.02 min
Lab File: BE092767.D
Acq: 28 Feb 2017 17:40

Tgt Ion:225 Resp: 6149

Ion	Ratio	Lower	Upper
225	100		
223	63.2	50.6	76.0
227	64.6	51.4	77.0



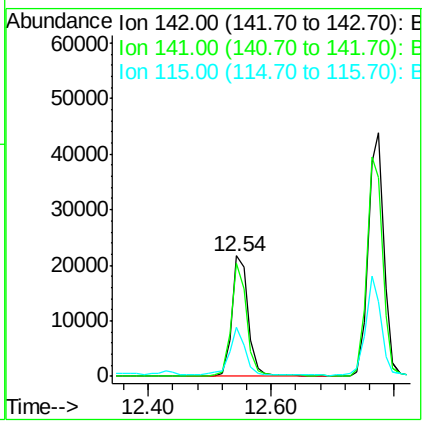


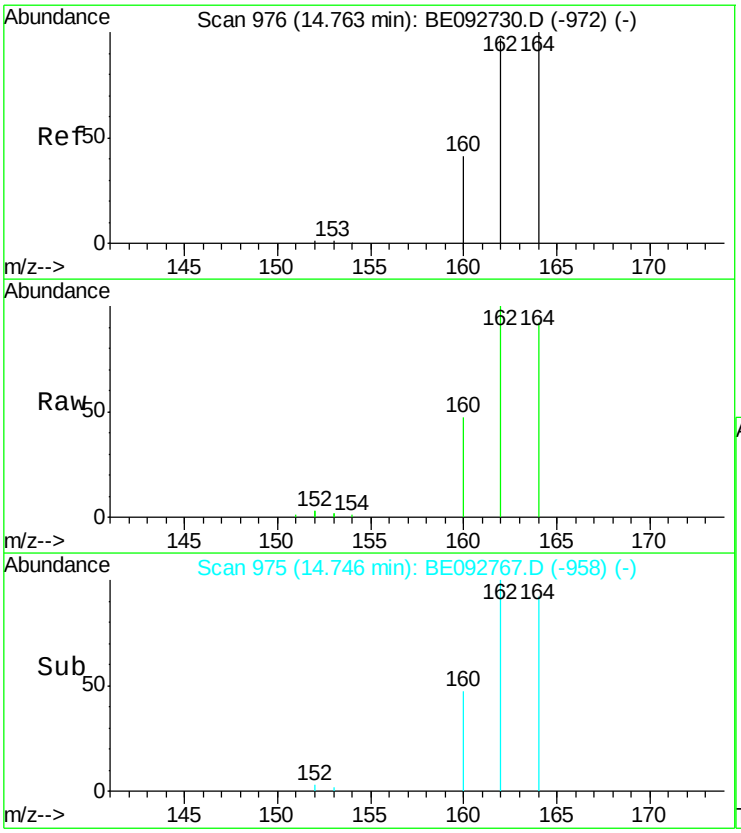
#11
2-Methylnaphthalene
Concen: 7.10 ng
RT: 12.54 min Scan# 807
Delta R.T. -0.05 min
Lab File: BE092767.D
Acq: 28 Feb 2017 17:40

Instrument :
BNA_E
ClientSampleId :
C19013051MSD

Tgt Ion:142 Resp: 39904

Ion	Ratio	Lower	Upper
142	100		
141	94.2	73.7	110.5
115	41.1	34.0	51.0

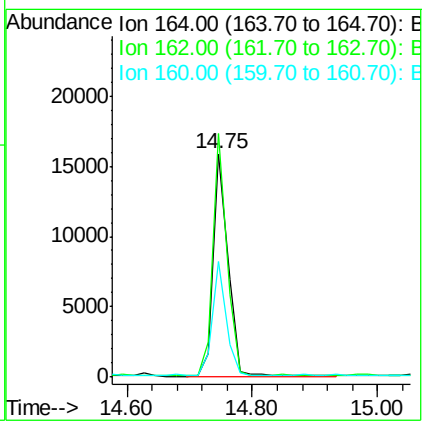


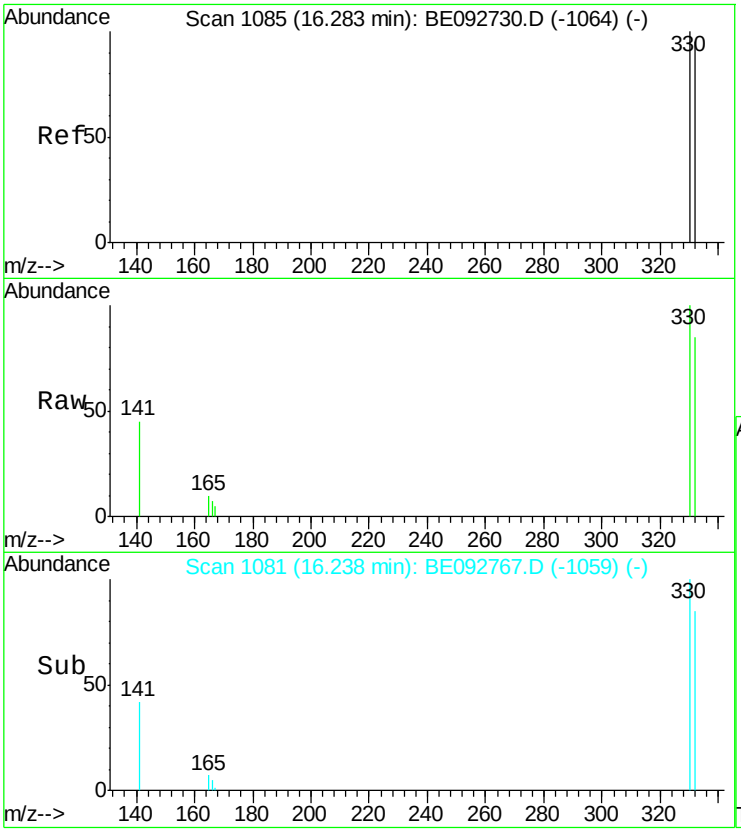


#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.75 min Scan# 975
Delta R.T. -0.02 min
Lab File: BE092767.D
Acq: 28 Feb 2017 17:40

Tgt Ion:164 Resp: 25747

Ion	Ratio	Lower	Upper
164	100		
162	108.9	71.4	107.0#
160	51.6	27.4	41.2#



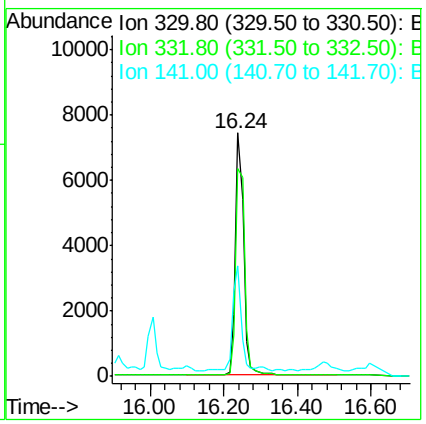


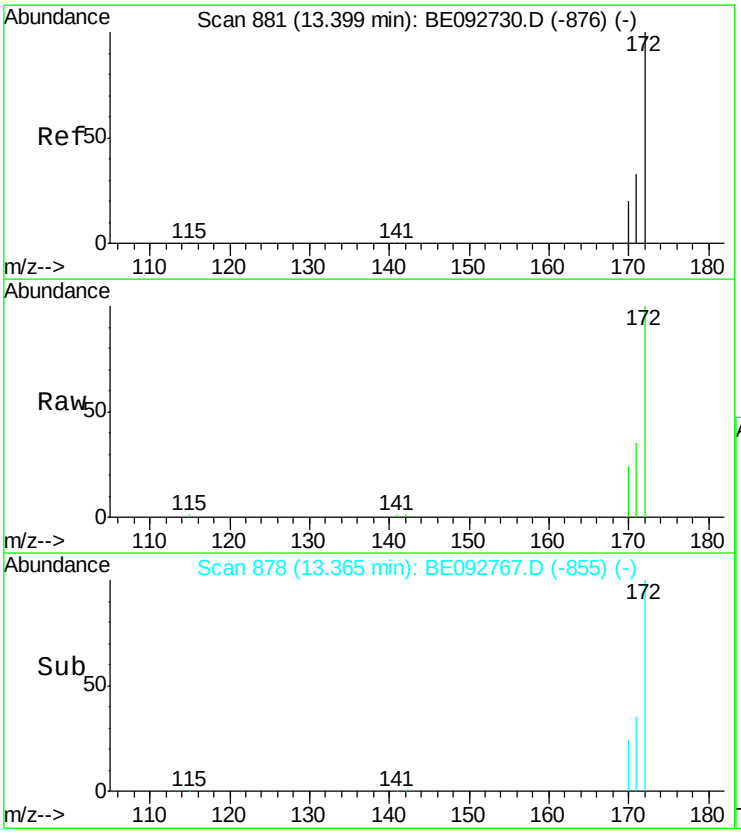
#13
2,4,6-Tribromophenol
Concen: 21.00 ng
RT: 16.24 min Scan# 1081
Delta R.T. -0.05 min
Lab File: BE092767.D
Acq: 28 Feb 2017 17:40

Instrument :
BNA_E
ClientSampleId :
C19013051MSD

Tgt Ion:330 Resp: 11476

Ion	Ratio	Lower	Upper
330	100		
332	95.6	75.4	113.0
141	46.6	31.0	46.6#

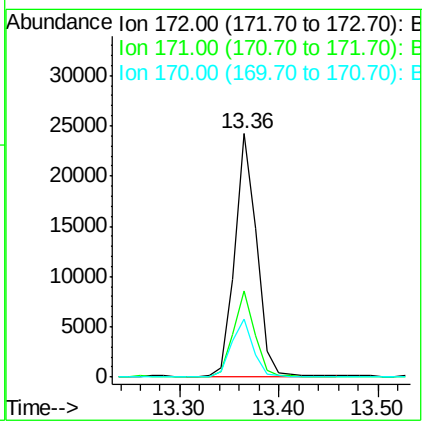


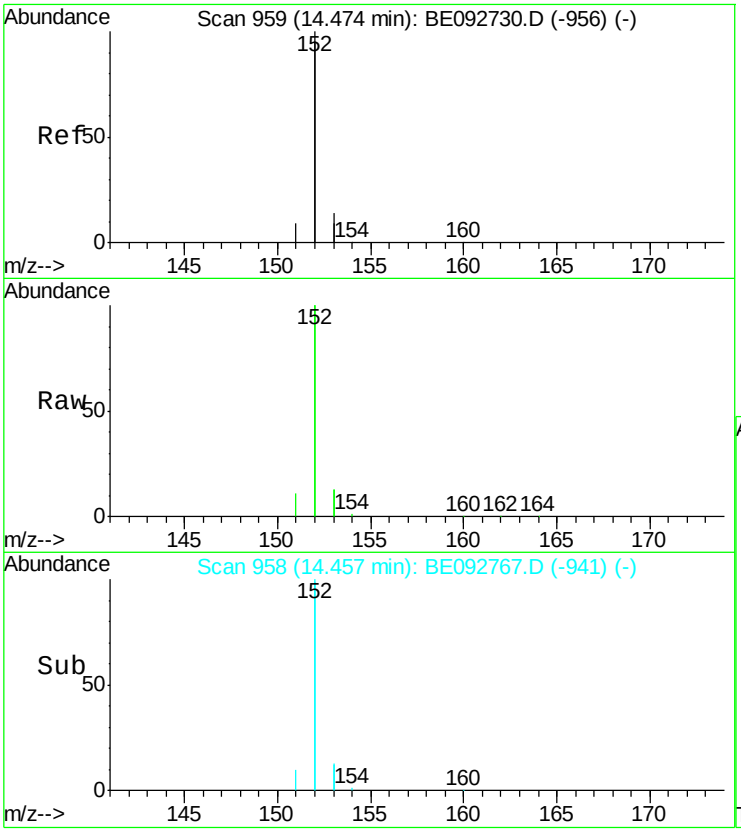


#14
2-Fluorobiphenyl
Concen: 5.86 ng
RT: 13.36 min Scan# 878
Delta R.T. -0.03 min
Lab File: BE092767.D
Acq: 28 Feb 2017 17:40

Tgt Ion:172 Resp: 36771

Ion	Ratio	Lower	Upper
172	100		
171	35.4	30.1	45.1
170	23.8	21.8	32.6



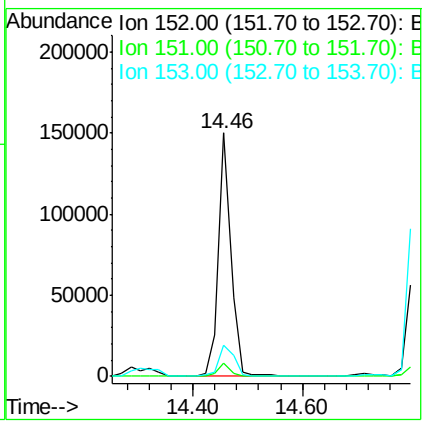


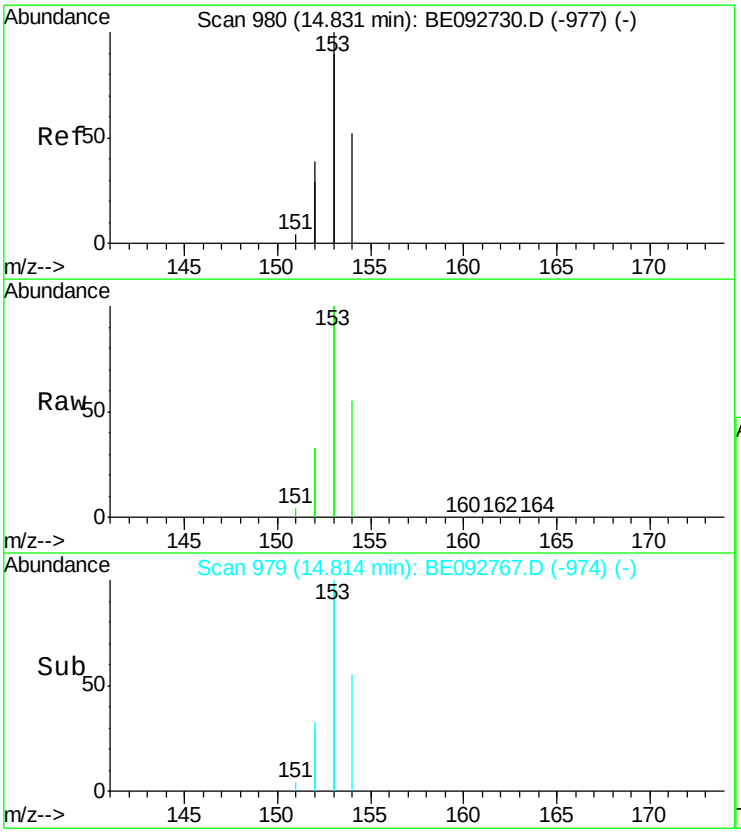
#15
Acenaphthylene
Concen: 6.00 ng
RT: 14.46 min Scan# 958
Delta R.T. -0.02 min
Lab File: BE092767.D
Acq: 28 Feb 2017 17:40

Instrument :
BNA_E
ClientSampleId :
C19013051MSD

Tgt Ion:152 Resp: 233167

Ion	Ratio	Lower	Upper
152	100		
151	5.1	3.9	5.9
153	15.6	10.4	15.6

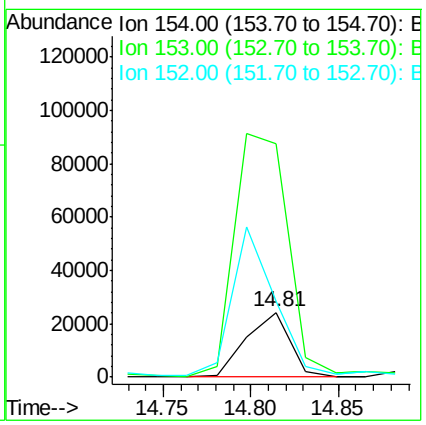


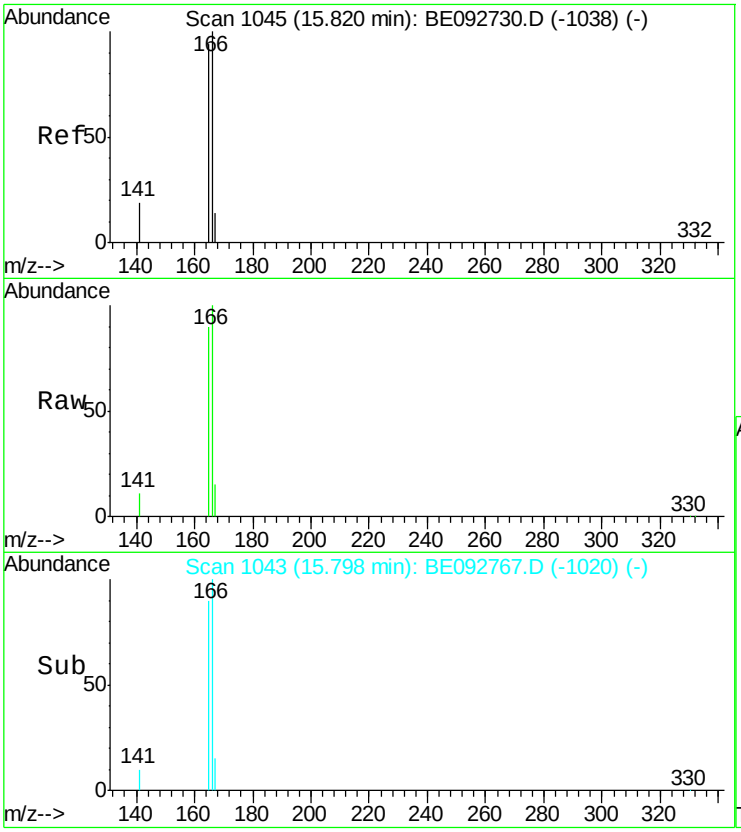


#16
Acenaphthene
Concen: 7.50 ng
RT: 14.81 min Scan# 979
Delta R.T. -0.02 min
Lab File: BE092767.D
Acq: 28 Feb 2017 17:40

Tgt Ion:154 Resp: 42369

Ion	Ratio	Lower	Upper
154	100		
153	458.3	350.8	526.2
152	224.5	171.1	256.7



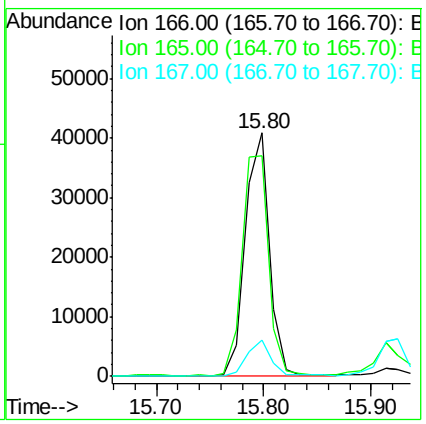


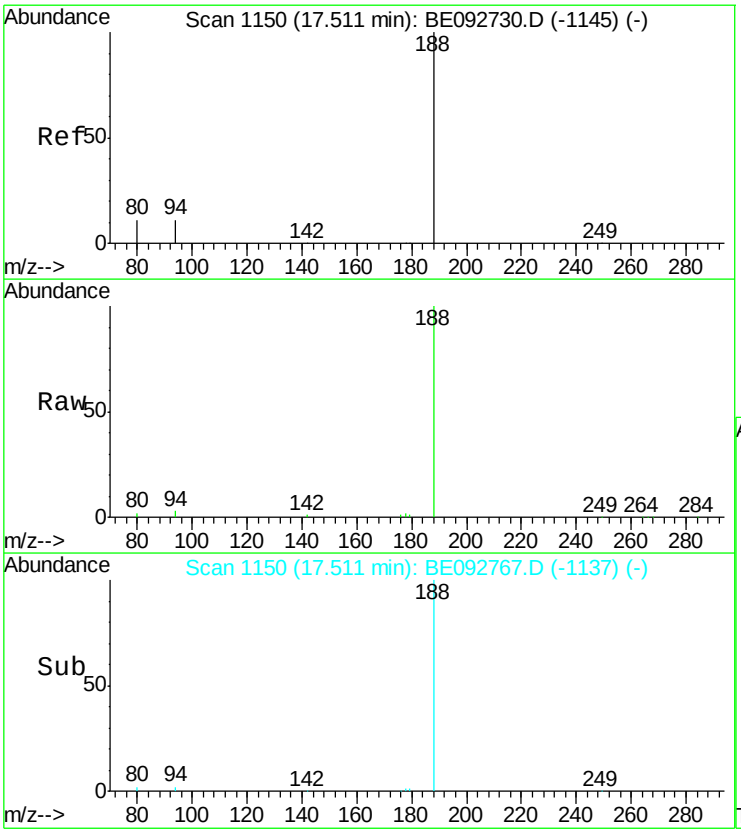
#17
Fluorene
Concen: 8.77 ng
RT: 15.80 min Scan# 1043
Delta R.T. -0.02 min
Lab File: BE092767.D
Acq: 28 Feb 2017 17:40

Instrument :
BNA_E
ClientSampleId :
C19013051MSD

Tgt Ion:166 Resp: 63558

Ion	Ratio	Lower	Upper
166	100		
165	99.4	78.2	117.4
167	14.5	11.0	16.4

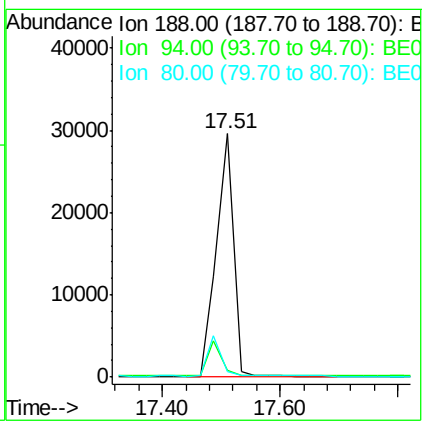


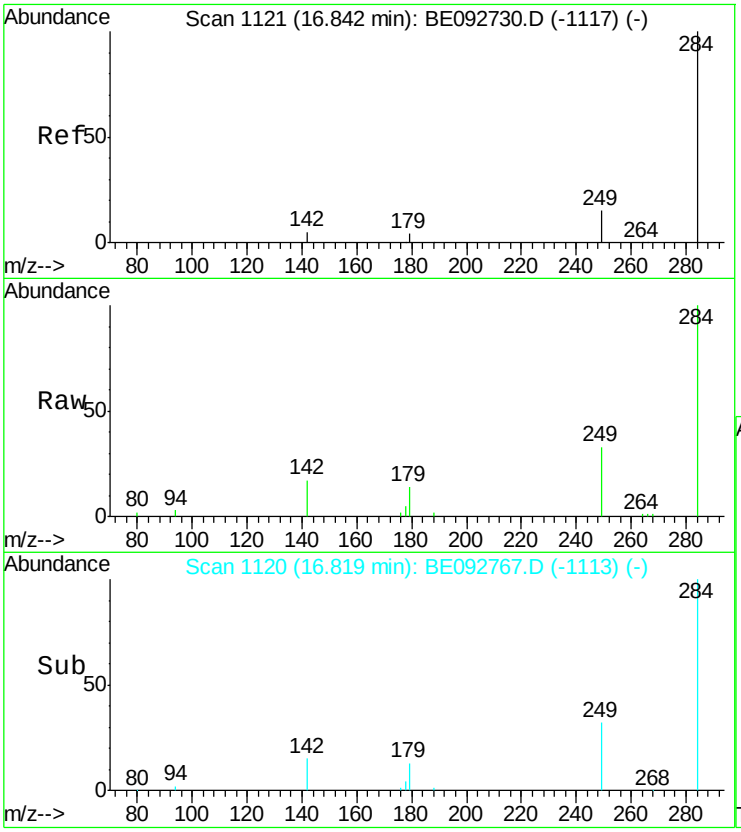


#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.51 min Scan# 1150
Delta R.T. 0.00 min
Lab File: BE092767.D
Acq: 28 Feb 2017 17:40

Tgt Ion:188 Resp: 59137

Ion	Ratio	Lower	Upper
188	100		
94	2.9	3.2	4.8#
80	2.2	2.6	3.8#



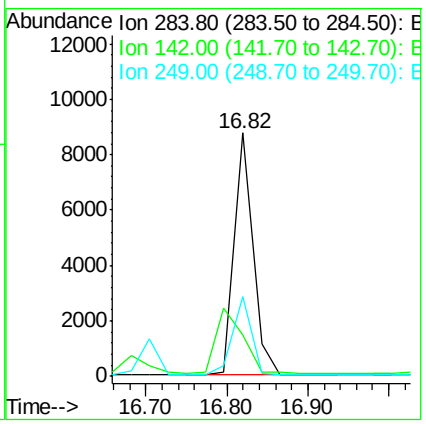


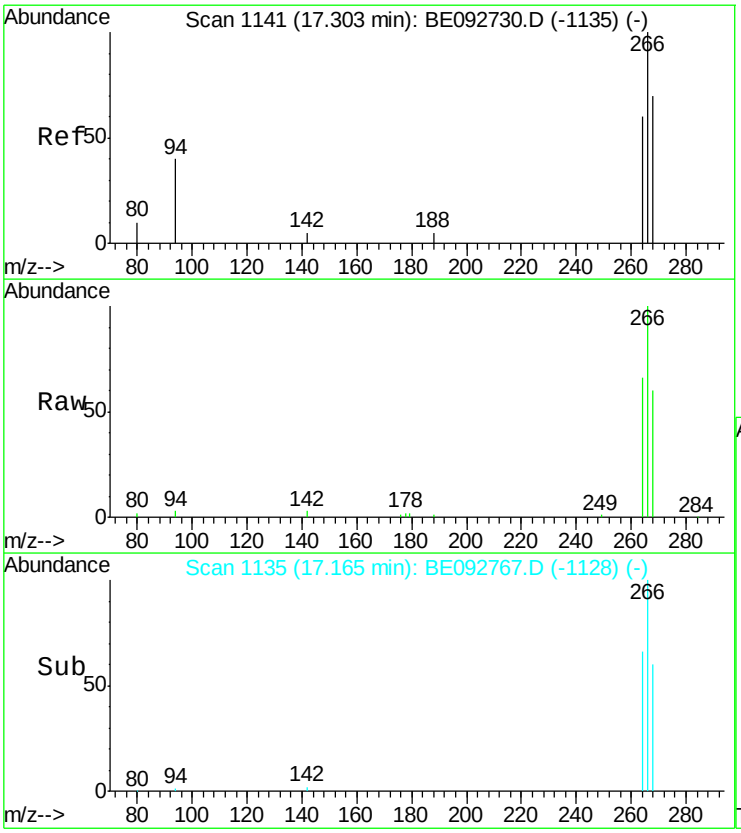
#19
Hexachlorobenzene
Concen: 6.06 ng
RT: 16.82 min Scan# 1120
Delta R.T. -0.02 min
Lab File: BE092767.D
Acq: 28 Feb 2017 17:40

Instrument :
BNA_E
ClientSampleId :
C19013051MSD

Tgt Ion:284 Resp: 13836

Ion	Ratio	Lower	Upper
284	100		
142	0.0	29.1	43.7#
249	32.1	27.9	41.9

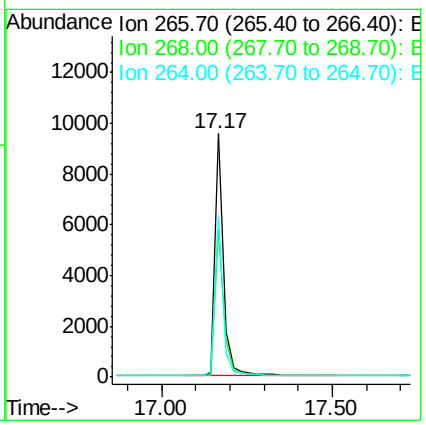


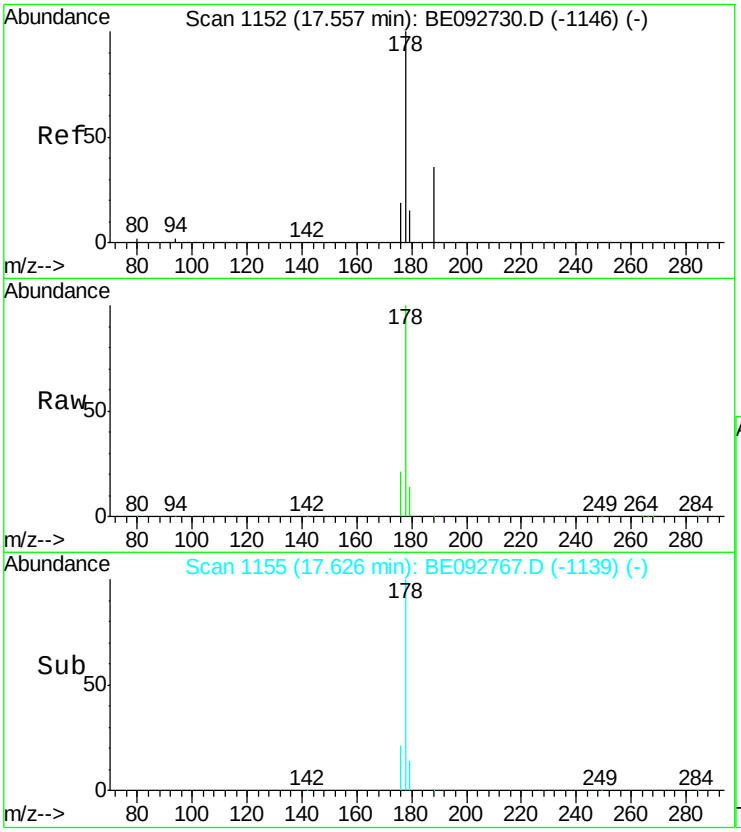


#20
Pentachlorophenol
Concen: 24.98 ng
RT: 17.17 min Scan# 1135
Delta R.T. -0.14 min
Lab File: BE092767.D
Acq: 28 Feb 2017 17:40

Tgt Ion:266 Resp: 17144

Ion	Ratio	Lower	Upper
266	100		
268	59.9	62.5	93.7#
264	66.0	57.2	85.8



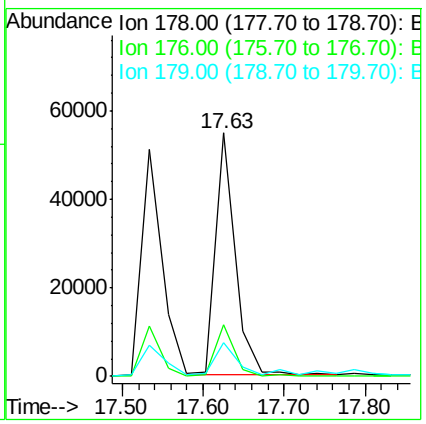


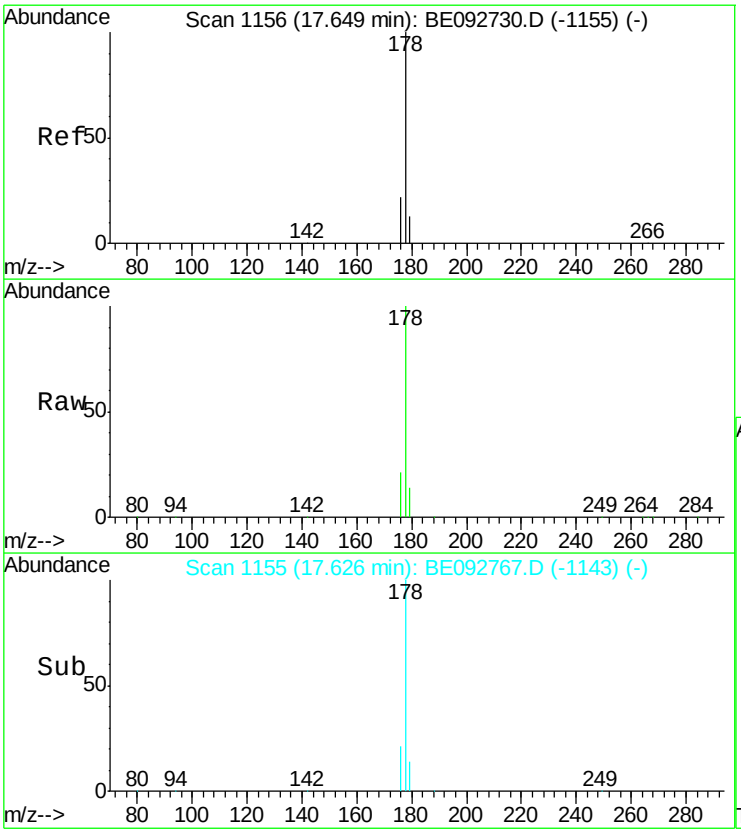
#21
Phenanthrene
Concen: 6.55 ng
RT: 17.63 min Scan# 1155
Delta R.T. 0.07 min
Lab File: BE092767.D
Acq: 28 Feb 2017 17:40

Instrument :
BNA_E
ClientSampleId :
C19013051MSD

Tgt Ion:178 Resp: 91994

Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.8	23.8
179	16.9	16.0	24.0

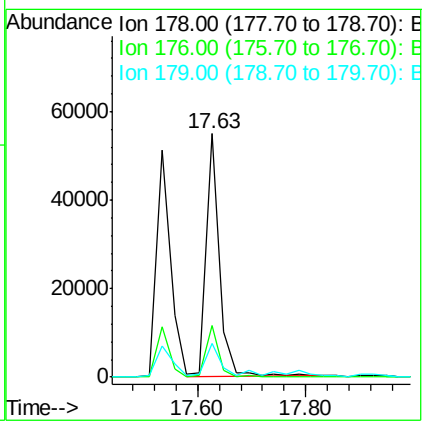


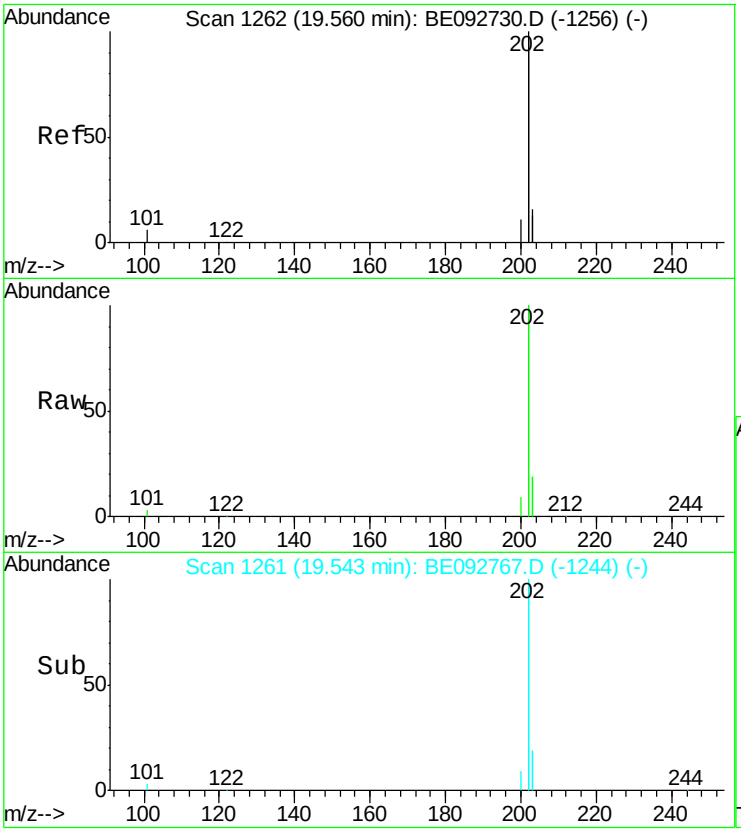


#22
Anthracene
Concen: 7.31 ng
RT: 17.63 min Scan# 1155
Delta R.T. -0.02 min
Lab File: BE092767.D
Acq: 28 Feb 2017 17:40

Tgt Ion:178 Resp: 94598

Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.0	22.4
179	16.4	12.2	18.2



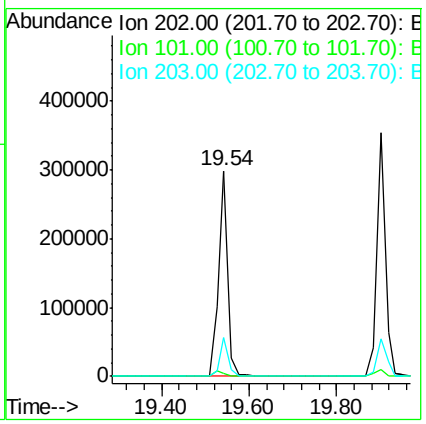


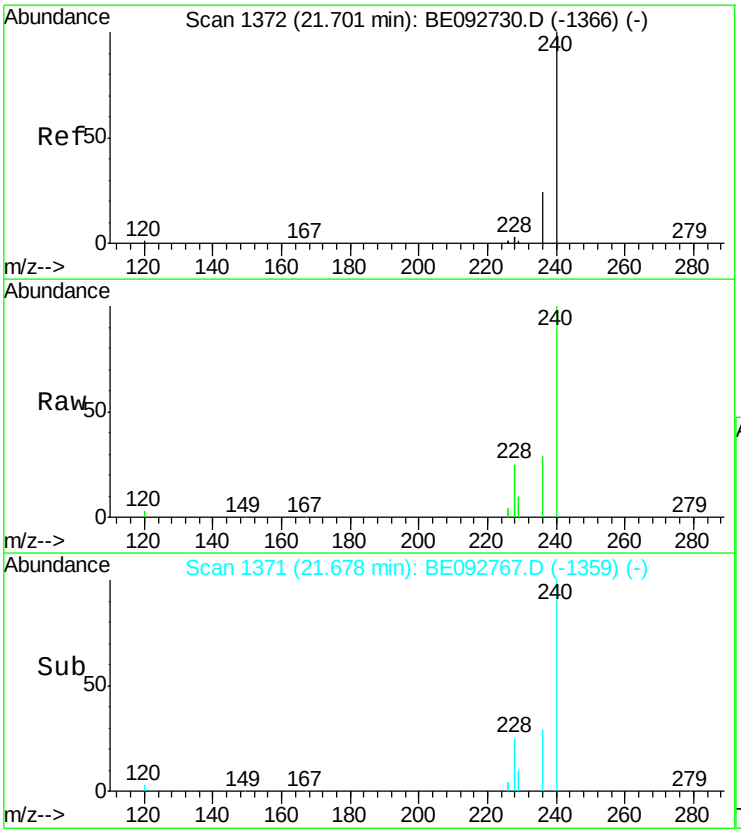
#23
Fluoranthene
Concen: 7.33 ng
RT: 19.54 min Scan# 1261
Delta R.T. -0.02 min
Lab File: BE092767.D
Acq: 28 Feb 2017 17:40

Instrument :
BNA_E
ClientSampleId :
C19013051MSD

Tgt Ion:202 Resp: 441976

Ion	Ratio	Lower	Upper
202	100		
101	2.9	2.2	3.4
203	17.7	13.7	20.5

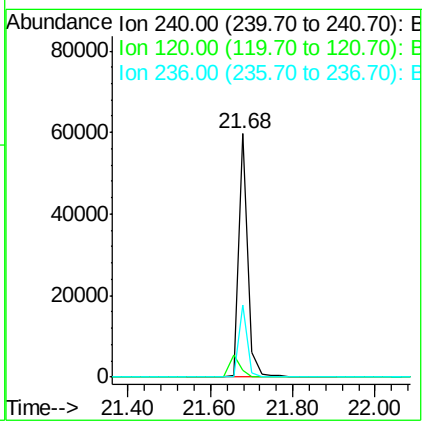


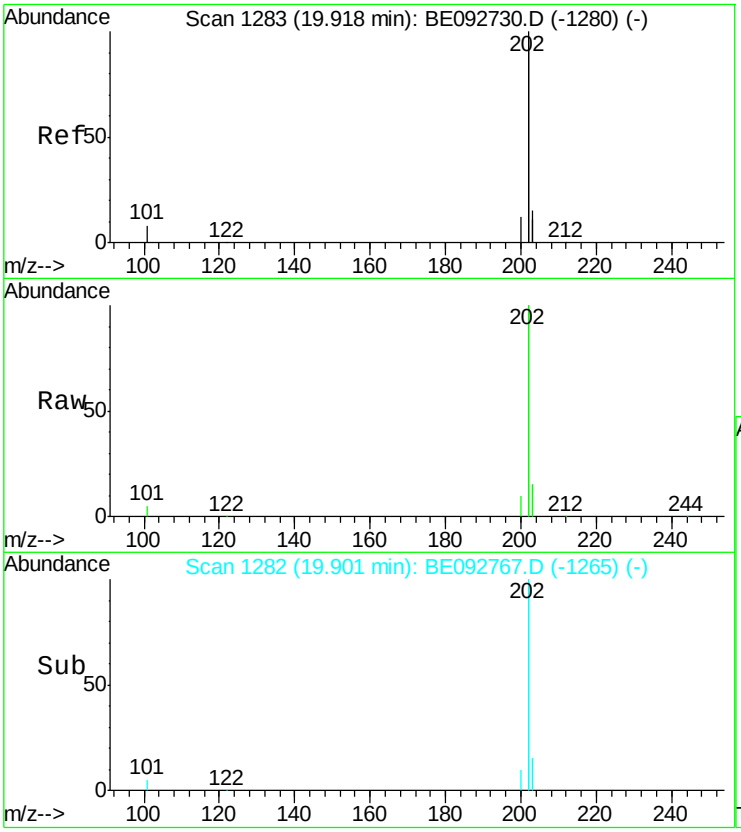


#24
Chrysene-d12
Concen: 5.00 ng
RT: 21.68 min Scan# 1371
Delta R.T. -0.02 min
Lab File: BE092767.D
Acq: 28 Feb 2017 17:40

Tgt Ion:240 Resp: 92216

Ion	Ratio	Lower	Upper
240	100		
120	2.9	2.6	4.0
236	29.4	24.6	37.0



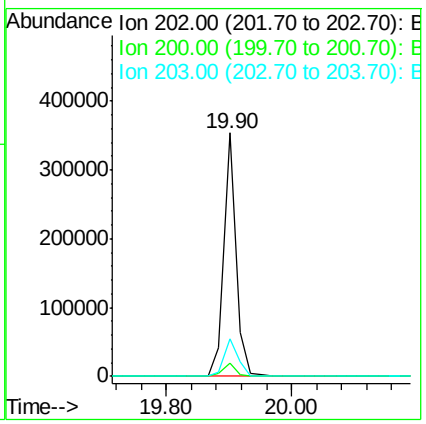


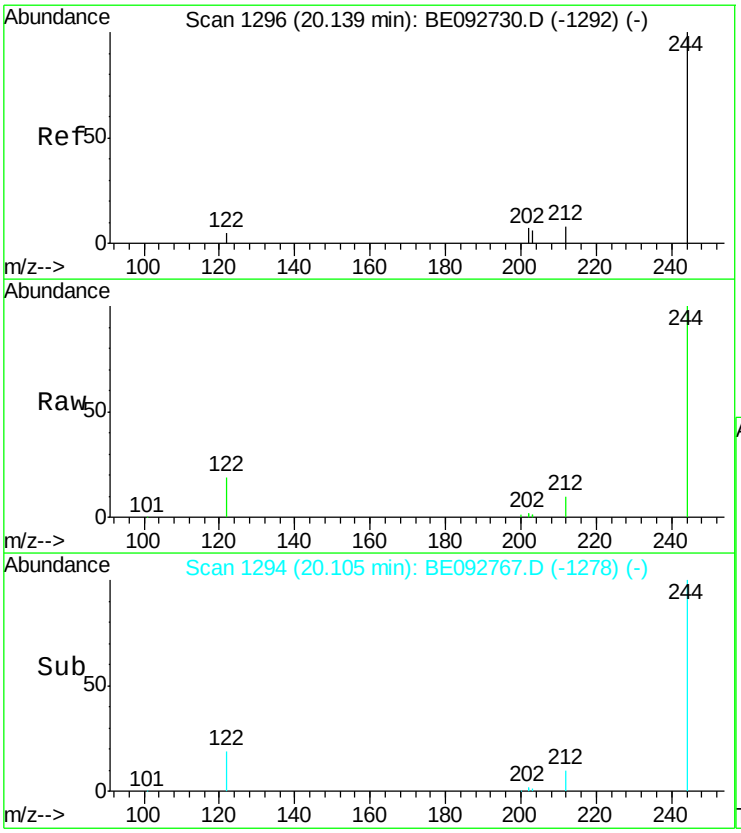
#25
Pyrene
Concen: 5.44 ng
RT: 19.90 min Scan# 1282
Delta R.T. -0.02 min
Lab File: BE092767.D
Acq: 28 Feb 2017 17:40

Instrument :
BNA_E
ClientSampleId :
C19013051MSD

Tgt Ion:202 Resp: 477619

Ion	Ratio	Lower	Upper
202	100		
200	5.3	4.2	6.4
203	17.7	13.9	20.9

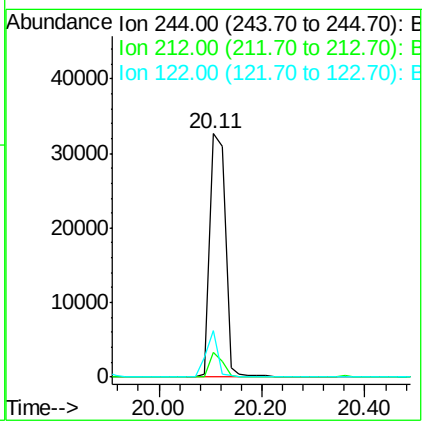


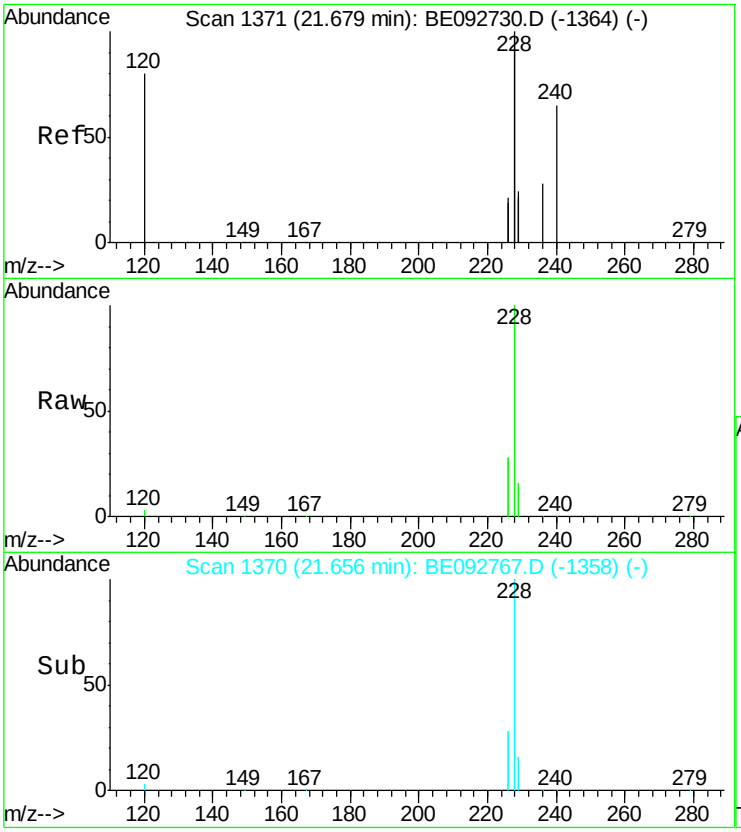


#26
Terphenyl-d14
Concen: 5.74 ng
RT: 20.11 min Scan# 1294
Delta R.T. -0.03 min
Lab File: BE092767.D
Acq: 28 Feb 2017 17:40

Tgt Ion:244 Resp: 67551

Ion	Ratio	Lower	Upper
244	100		
212	10.2	6.7	10.1#
122	19.4	3.6	5.4#



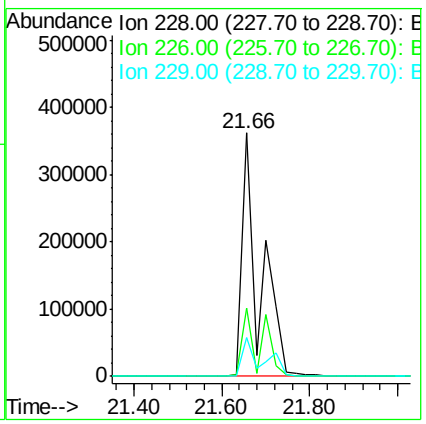


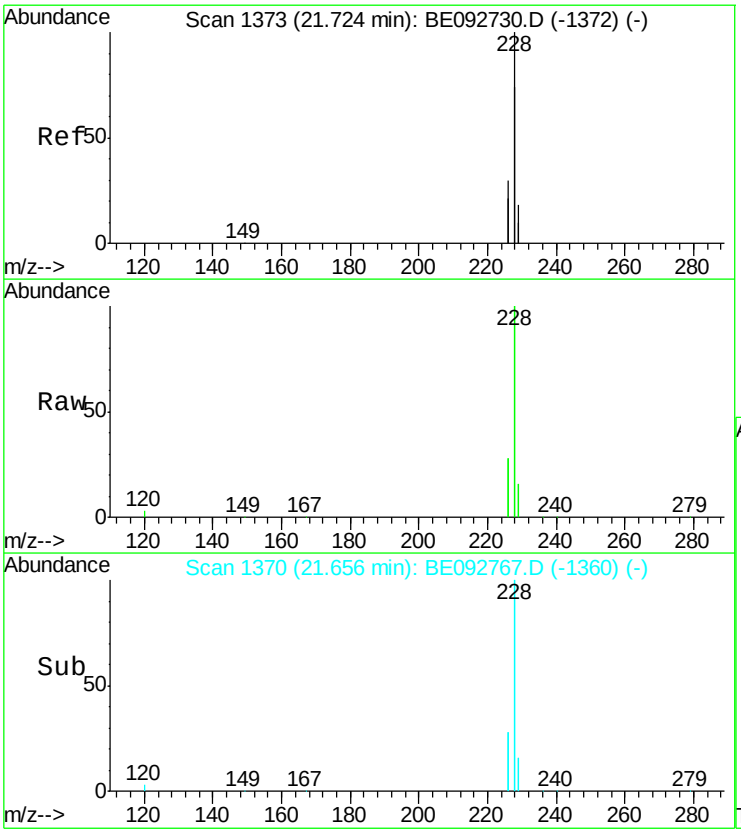
#27
Benzo(a)anthracene
Concen: 10.87 ng
RT: 21.66 min Scan# 1370
Delta R.T. -0.02 min
Lab File: BE092767.D
Acq: 28 Feb 2017 17:40

Instrument :
BNA_E
ClientSampleId :
C19013051MSD

Tgt Ion:228 Resp: 971793

Ion	Ratio	Lower	Upper
228	100		
226	28.3	23.6	35.4
229	16.0	13.3	19.9

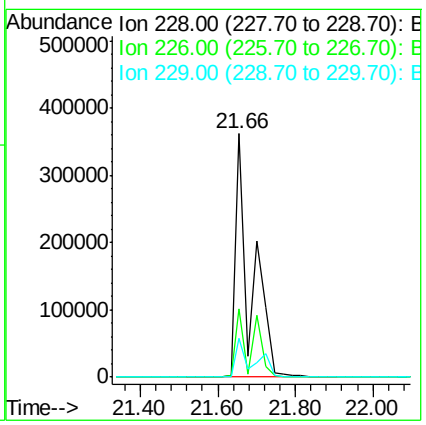


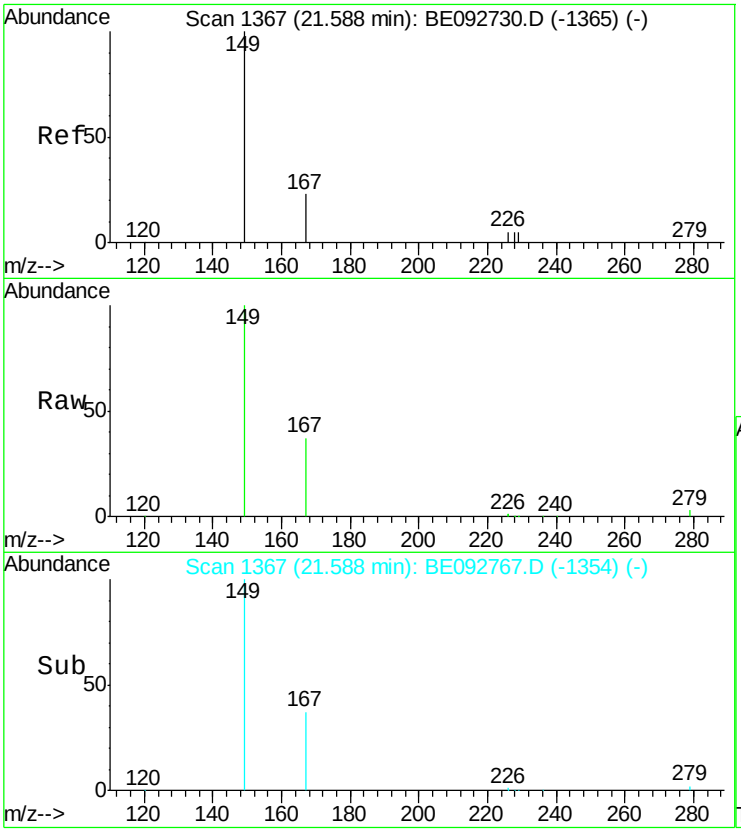


#28
Chrysene
Concen: 9.18 ng
RT: 21.66 min Scan# 1370
Delta R.T. -0.07 min
Lab File: BE092767.D
Acq: 28 Feb 2017 17:40

Tgt Ion:228 Resp: 973684

Ion	Ratio	Lower	Upper
228	100		
226	28.3	36.3	54.5#
229	16.0	10.6	16.0#



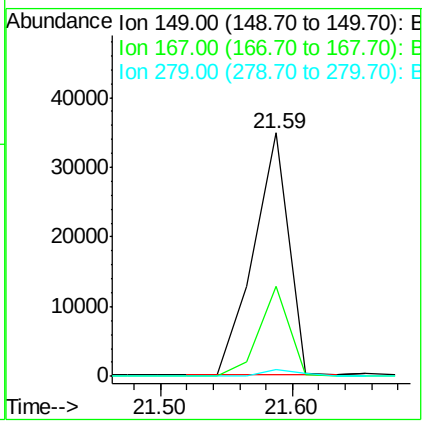


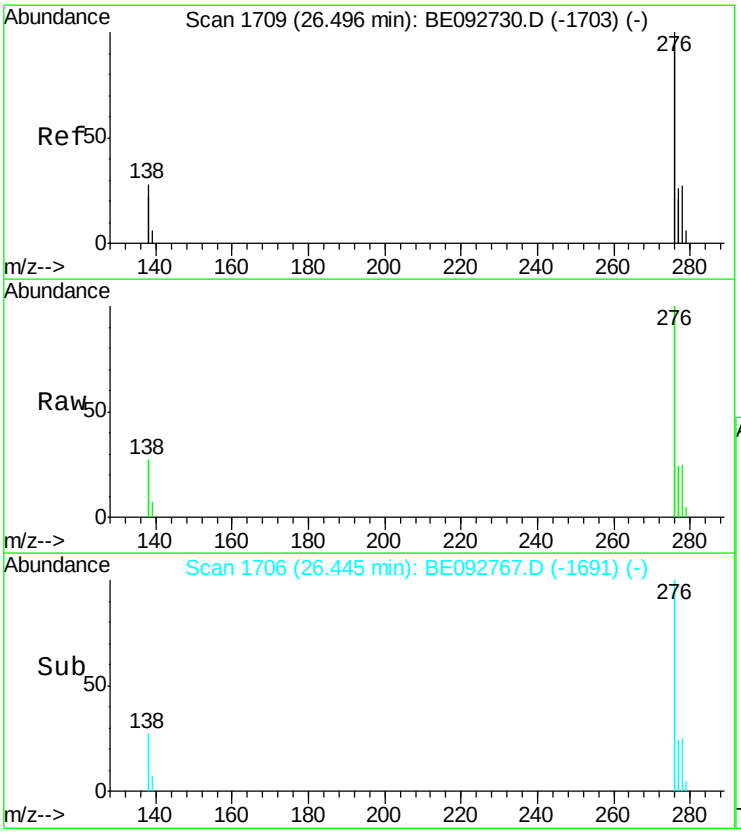
#29
Bis(2-ethylhexyl)phthalate
Concen: 5.28 ng
RT: 21.59 min Scan# 1367
Delta R.T. 0.00 min
Lab File: BE092767.D
Acq: 28 Feb 2017 17:40

Instrument :
BNA_E
ClientSampleId :
C19013051MSD

Tgt Ion:149 Resp: 65253

Ion	Ratio	Lower	Upper
149	100		
167	31.4	16.0	24.0#
279	2.6	16.0	24.0#

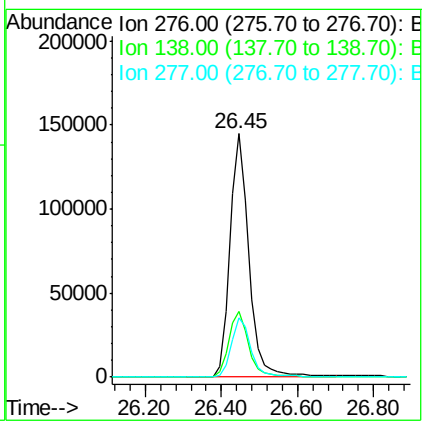


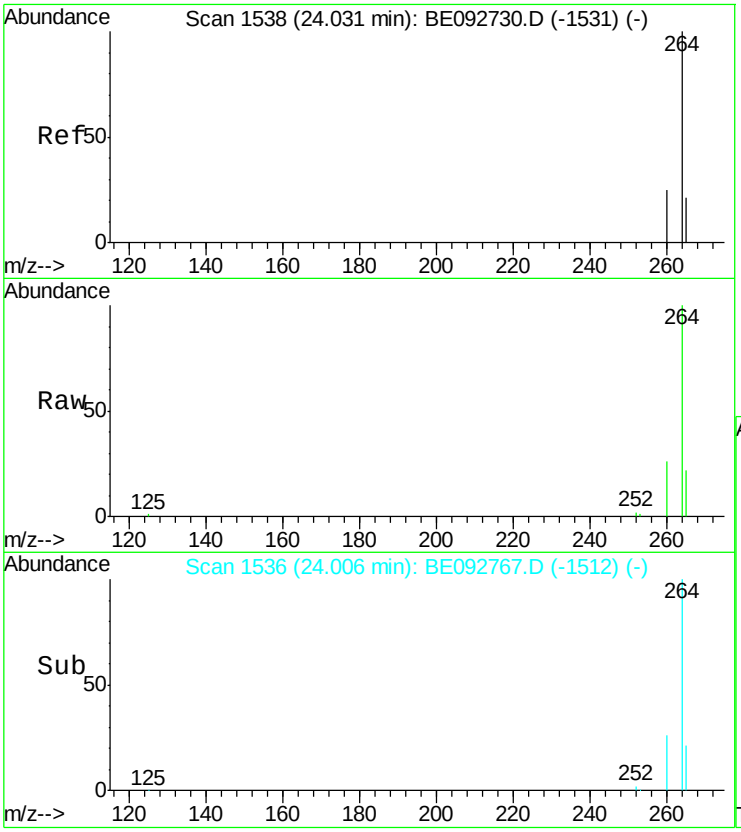


#30
Indeno(1,2,3-cd)pyrene
Concen: 4.59 ng
RT: 26.45 min Scan# 1706
Delta R.T. -0.05 min
Lab File: BE092767.D
Acq: 28 Feb 2017 17:40

Tgt Ion:276 Resp: 505218

Ion	Ratio	Lower	Upper
276	100		
138	28.0	20.3	30.5
277	24.7	19.7	29.5



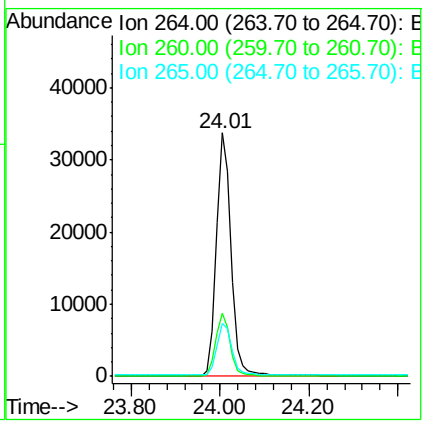


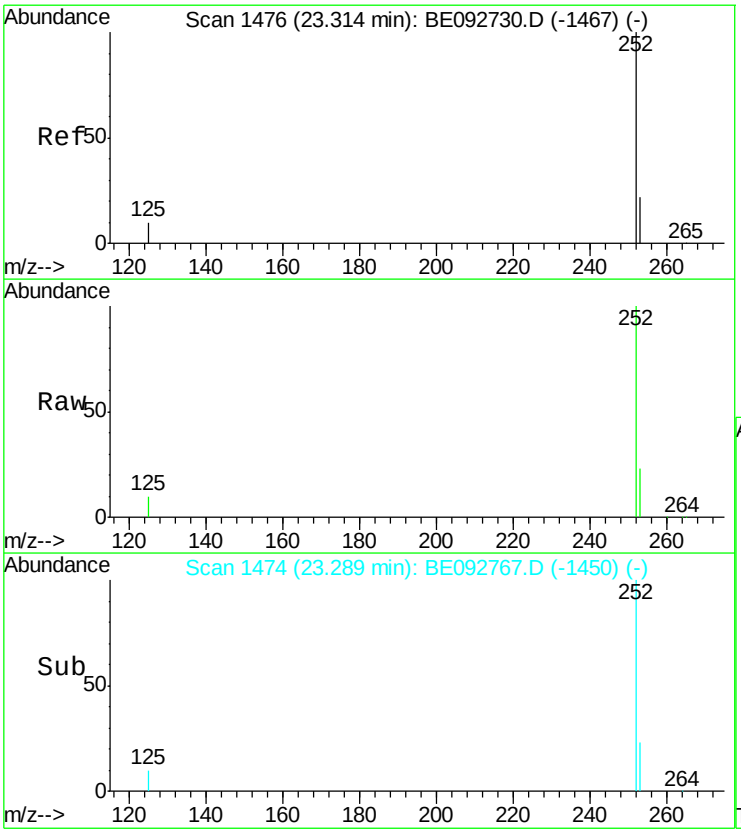
#31
Perylene-d12
Concen: 5.00 ng
RT: 24.01 min Scan# 1536
Delta R.T. -0.02 min
Lab File: BE092767.D
Acq: 28 Feb 2017 17:40

Instrument :
BNA_E
ClientSampleId :
C19013051MSD

Tgt Ion:264 Resp: 77963

Ion	Ratio	Lower	Upper
264	100		
260	25.9	20.1	30.1
265	21.7	17.9	26.9

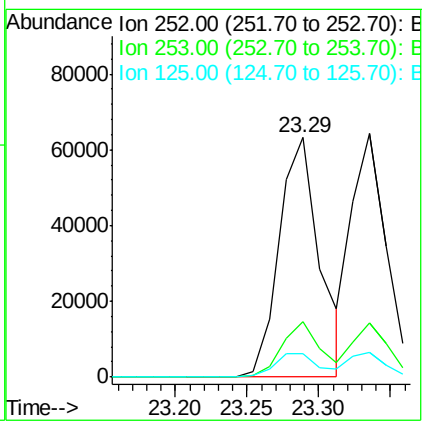


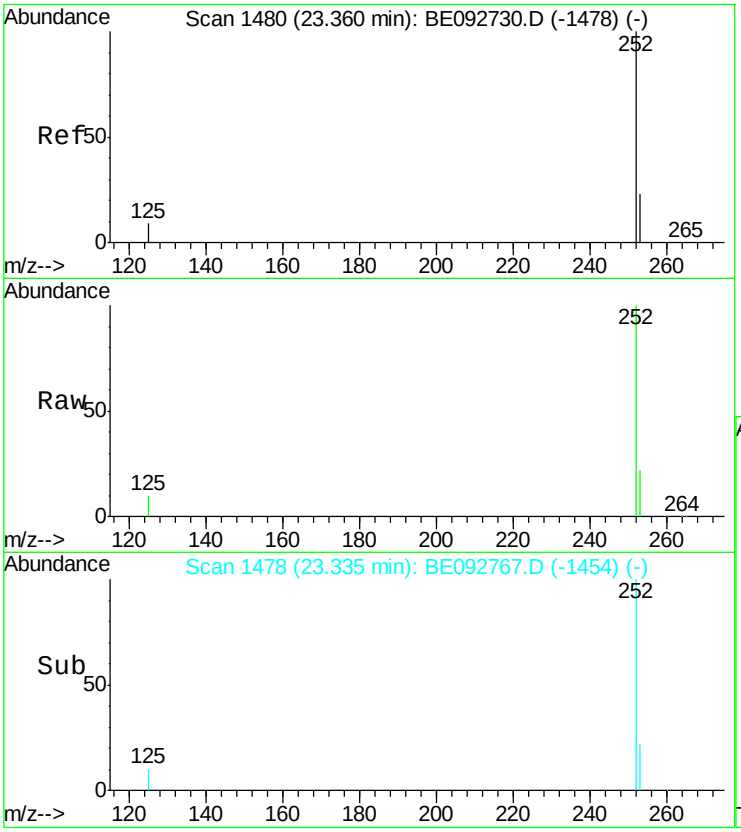


#32
Benzo(b)fluoranthene
Concen: 6.03 ng
RT: 23.29 min Scan# 1474
Delta R.T. -0.02 min
Lab File: BE092767.D
Acq: 28 Feb 2017 17:40

Tgt Ion:252 Resp: 123747

Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.7	28.1
125	9.9	10.5	15.7#



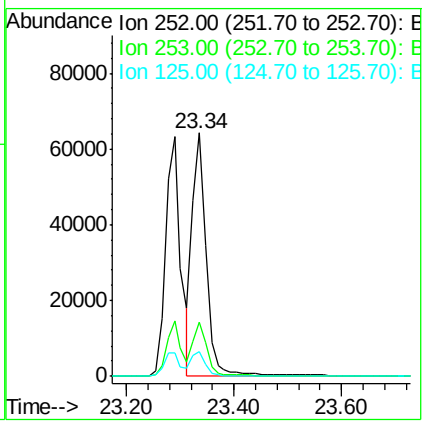


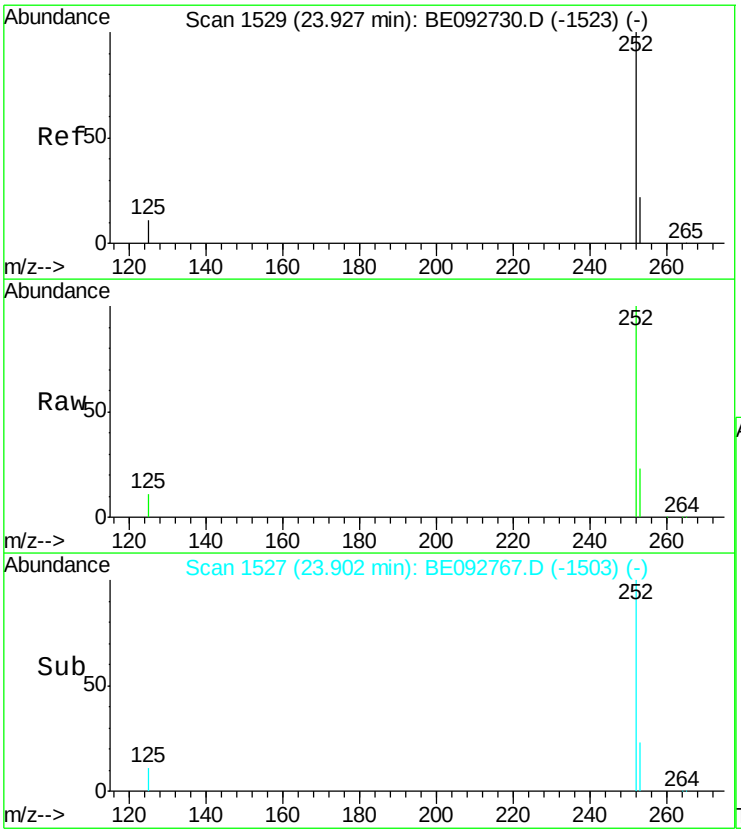
#33
Benzo(k)fluoranthene
Concen: 5.21 ng
RT: 23.34 min Scan# 1478
Delta R.T. -0.02 min
Lab File: BE092767.D
Acq: 28 Feb 2017 17:40

Instrument :
BNA_E
ClientSampleId :
C19013051MSD

Tgt Ion:252 Resp: 113482

Ion	Ratio	Lower	Upper
252	100		
253	22.4	20.3	30.5
125	10.3	9.6	14.4

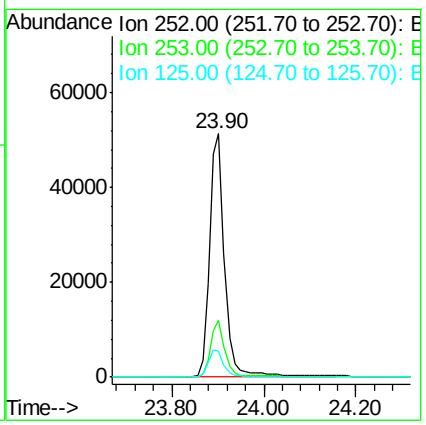


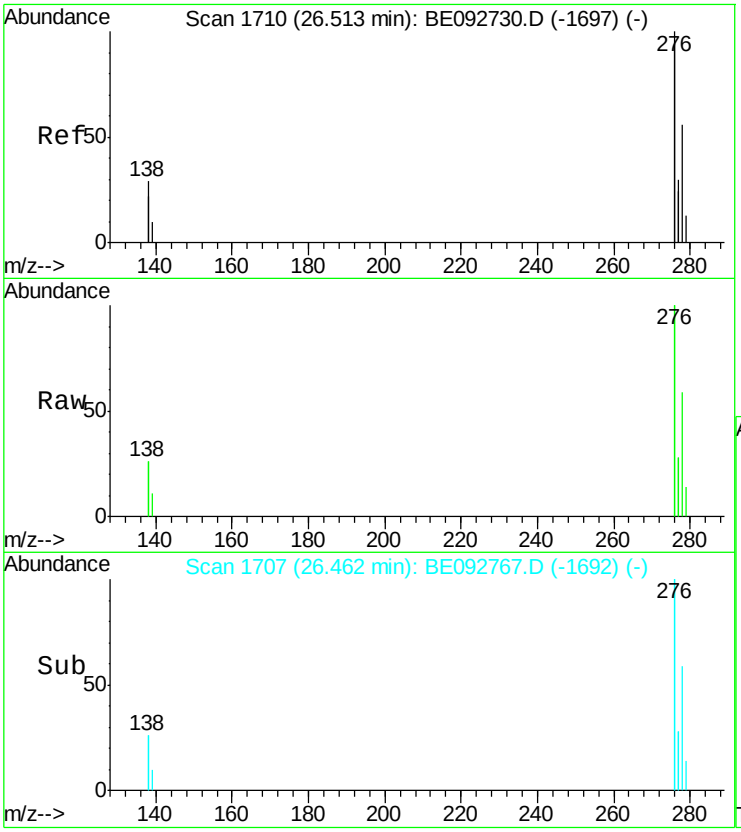


#34
Benzo(a)pyrene
Concen: 5.74 ng
RT: 23.90 min Scan# 1527
Delta R.T. -0.02 min
Lab File: BE092767.D
Acq: 28 Feb 2017 17:40

Tgt Ion:252 Resp: 114994

Ion	Ratio	Lower	Upper
252	100		
253	23.1	19.0	28.6
125	10.8	11.8	17.8#



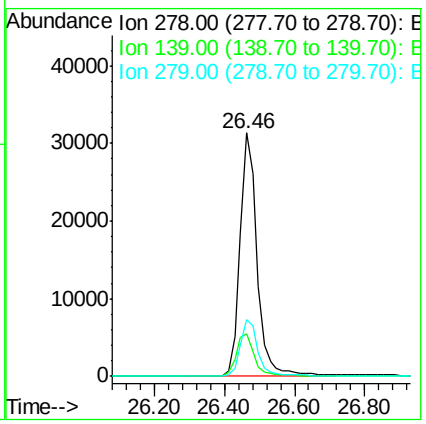


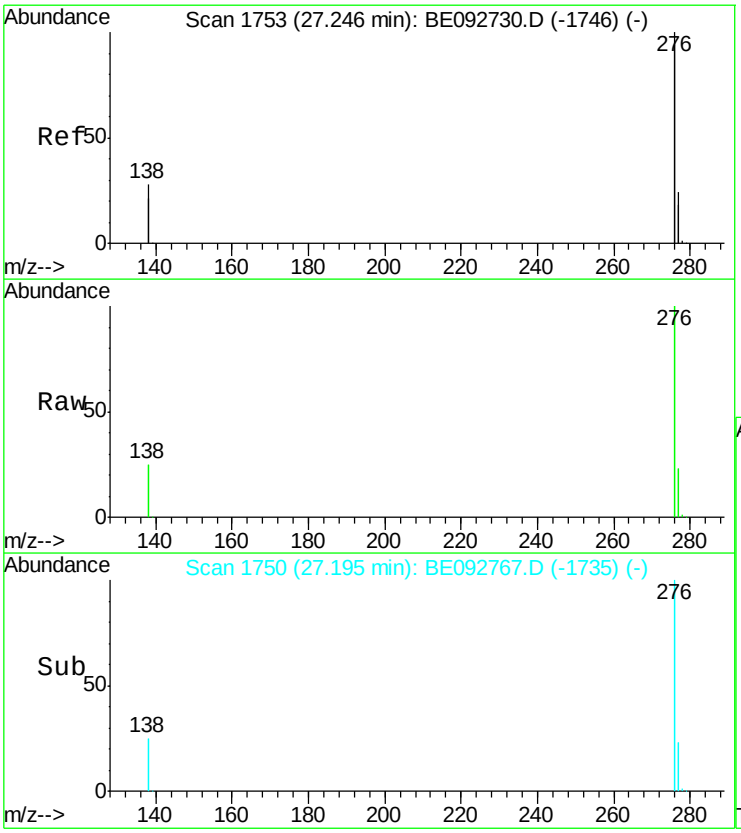
#35
Dibenzo(a,h)anthracene
Concen: 5.37 ng
RT: 26.46 min Scan# 1707
Delta R.T. -0.05 min
Lab File: BE092767.D
Acq: 28 Feb 2017 17:40

Instrument :
BNA_E
ClientSampleId :
C19013051MSD

Tgt Ion:278 Resp: 105853

Ion	Ratio	Lower	Upper
278	100		
139	17.7	13.8	20.8
279	23.2	21.4	32.2





#36
Benzo(g,h,i)perylene
Concen: 5.30 ng
RT: 27.20 min Scan# 1750
Delta R.T. -0.05 min
Lab File: BE092767.D
Acq: 28 Feb 2017 17:40

Tgt Ion:276 Resp: 433083

Ion	Ratio	Lower	Upper
276	100		
277	23.1	19.8	29.8
138	25.1	19.8	29.6