Quantitation Report (QT Reviewed)

Data Path : S:\HPCHEM1\BNA_E\DATA\BE050517\
Data File : BE092928.D
Acq On : 5 May 2017 13:33
Operator : SJ/MA
Sample : SSTDICV0.4
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : ICVBE050517

Quant Time: May 05 14:08:13 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE050517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 05 14:05:07 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	738	0.40	ng		0.00
7) Naphthalene-d8	10.53	136	3028	0.40	ng		0.00
13) Acenaphthene-d10	14.39	164	1367	0.40	ng		0.00
19) Phenanthrene-d10	17.13	188	3649	0.40	ng		0.00
26) Chrysene-d12	21.28	240	3278	0.40	ng		0.00
33) Perylene-d12	23.69	264	2485	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.35	112	640	0.39	ng		0.00
5) Phenol-d6	6.94	99	878	0.38	ng		0.00
8) Nitrobenzene-d5	8.90	82	821	0.40	ng		0.00
11) 2-Methylnaphthalene-d10	12.13	152	1769	0.39	ng		0.00
14) 2,4,6-Tribromophenol	15.87	330	81	0.38	ng		0.00
15) 2-Fluorobiphenyl	13.01	172	2530	0.40	ng		0.00
24) Fluoranthene-d10	19.15	212	3193	0.38	ng		0.00
28) Terphenyl-d14	19.74	244	2387	0.42	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.31	88	544	0.38	ng		98
3) n-Nitrosodimethylamine	3.61	42	411	0.38	ng	#	84
6) bis(2-Chloroethyl)ether	7.20	93	1023	0.38	ng		98
9) Naphthalene	10.58	128	3208	0.40	ng	#	87
10) Hexachlorobutadiene	10.89	225	438	0.40	ng		97
12) 2-Methylnaphthalene	12.19	142	1922	0.39	ng		96
16) Acenaphthylene	14.10	152	8164	0.38	ng		99
17) Acenaphthene	14.44	154	1697	0.39	ng		94
18) Fluorene	15.43	166	2043	0.38	ng		99
20) Hexachlorobenzene	16.47	284	594	0.38	ng	#	100
21) Pentachlorophenol	16.79	266	106	0.42	ng	#	84
22) Phenanthrene	17.18	178	3859	0.38	ng		98
23) Anthracene	17.27	178	2900	0.37	ng		99
25) Fluoranthene	19.17	202	16531	0.37	ng	#	98
27) Pyrene	19.53	202	17074	0.40	ng	#	98
29) Benzo(a)anthracene	21.25	228	2991	0.39	ng	#	87
30) Chrysene	21.30	228	4081	0.42	ng	#	89
31) Bis(2-ethylhexyl)phthalate	21.20	149	817	0.39	ng	#	97
32) Indeno(1,2,3-cd)pyrene	26.22	276	12783	0.36	ng		99
34) Benzo(b)fluoranthene	22.95	252	3235	0.40	ng	#	84
35) Benzo(k)fluoranthene	23.00	252	3268	0.40	ng	#	80
36) Benzo(a)pyrene	23.57	252	2398	0.36	ng	#	77
37) Dibenzo(a,h)anthracene	26.25	278	2848	0.38	ng	#	78
38) Benzo(g,h,i)perylene	26.99	276	12674	0.40	ng	#	82

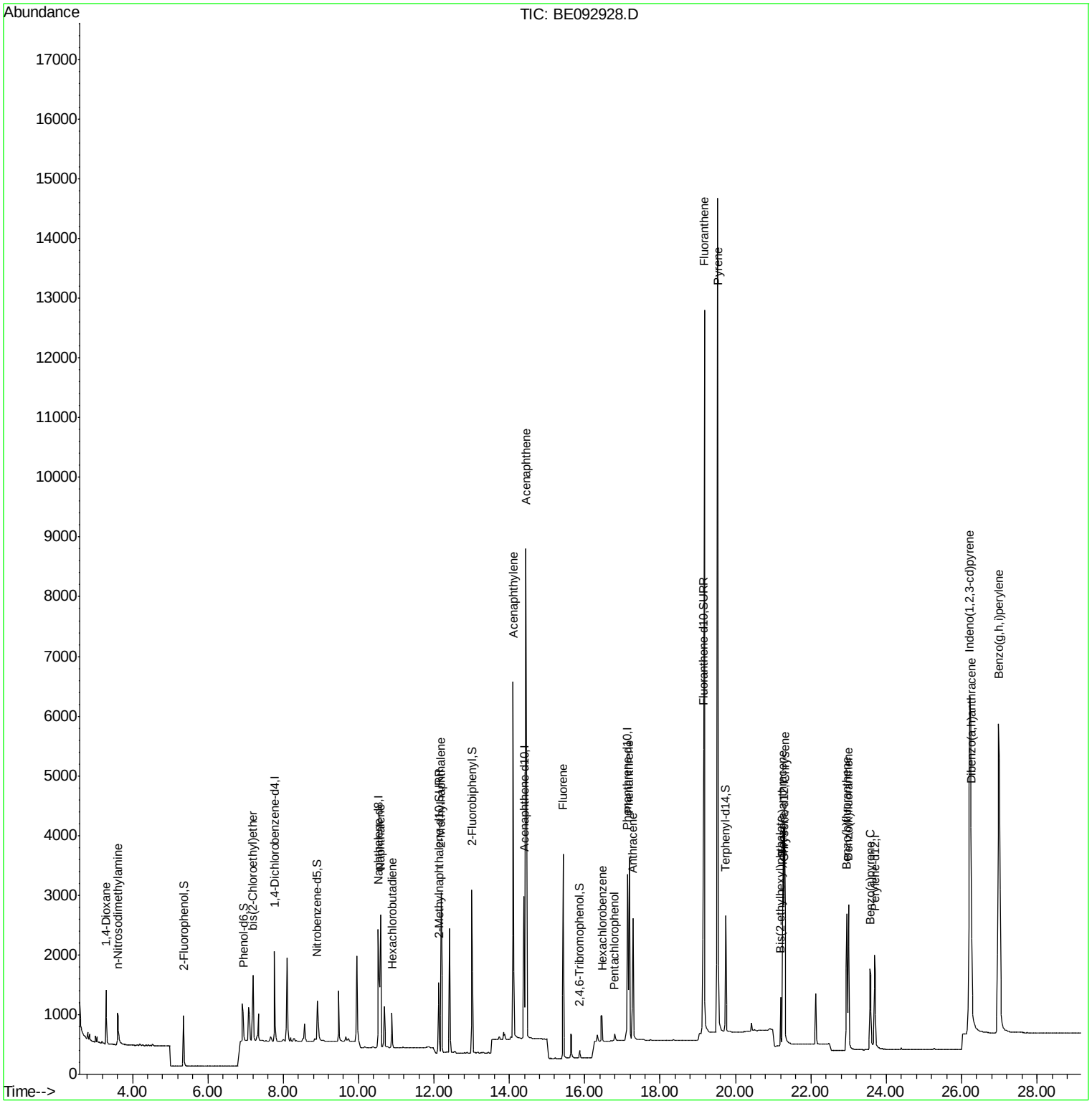
(#) = qualifier out of range (m) = manual integration (+) = signals summed

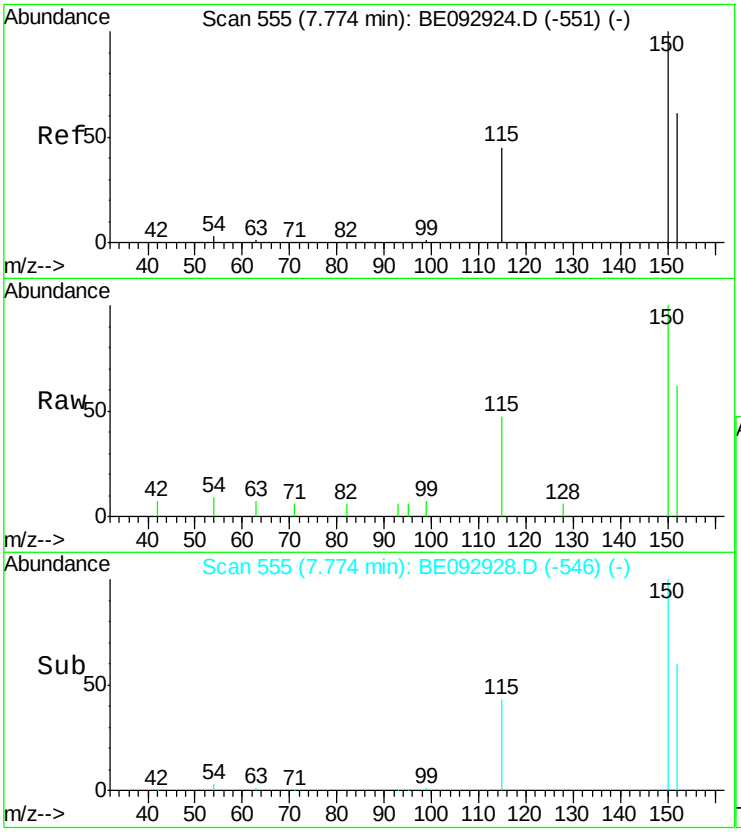
Quantitation Report (QT Reviewed)

Data Path : S:\HPCHEM1\BNA_E\DATA\BE050517\
Data File : BE092928.D
Acq On : 5 May 2017 13:33
Operator : SJ/MA
Sample : SSTDICV0.4
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
ICVBE050517

Quant Time: May 05 14:08:13 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE050517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 05 14:05:07 2017
Response via : Initial Calibration



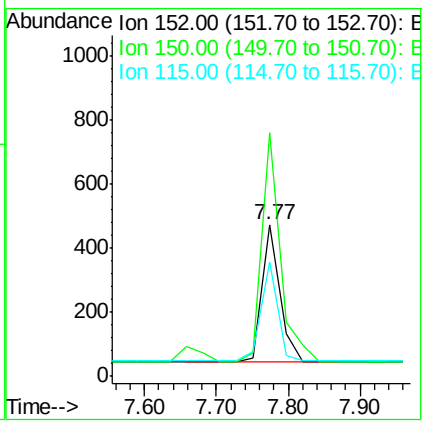


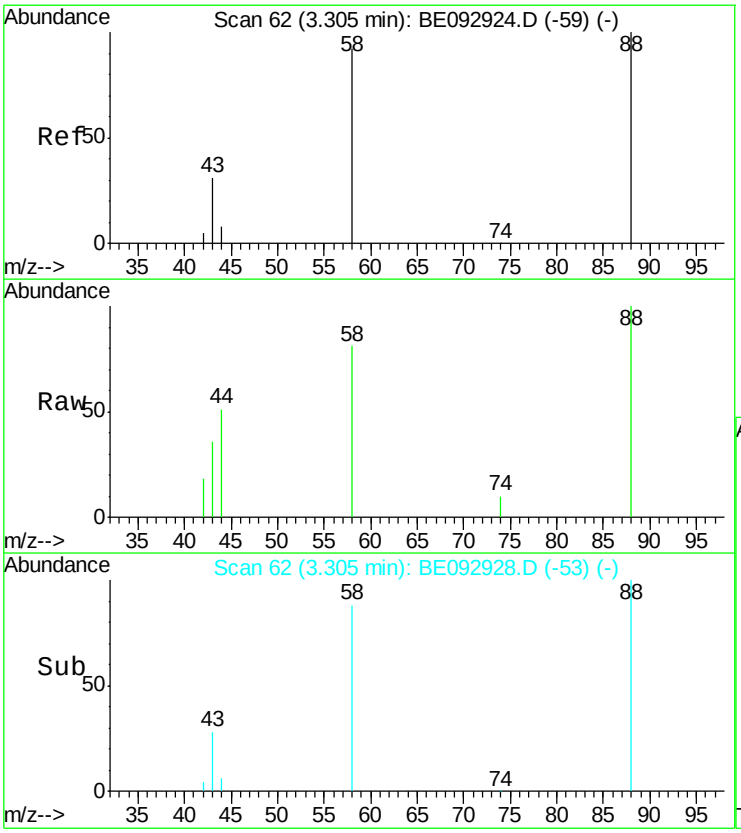
#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.77 min Scan# 555
Delta R.T. 0.00 min
Lab File: BE092928.D
Acq: 5 May 2017 13:33

Instrument :
BNA_E
ClientSampleId :
ICVBE050517

Tgt Ion:152 Resp: 738

Ion	Ratio	Lower	Upper
152	100		
150	160.3	129.9	194.9
115	75.5	62.6	93.8

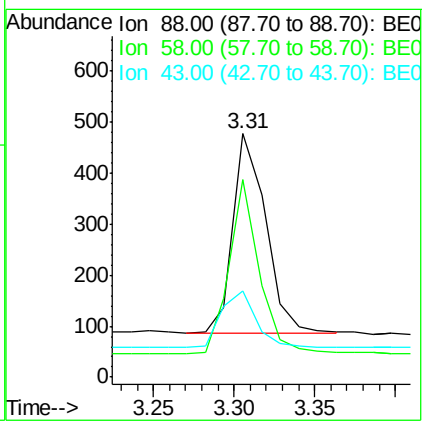


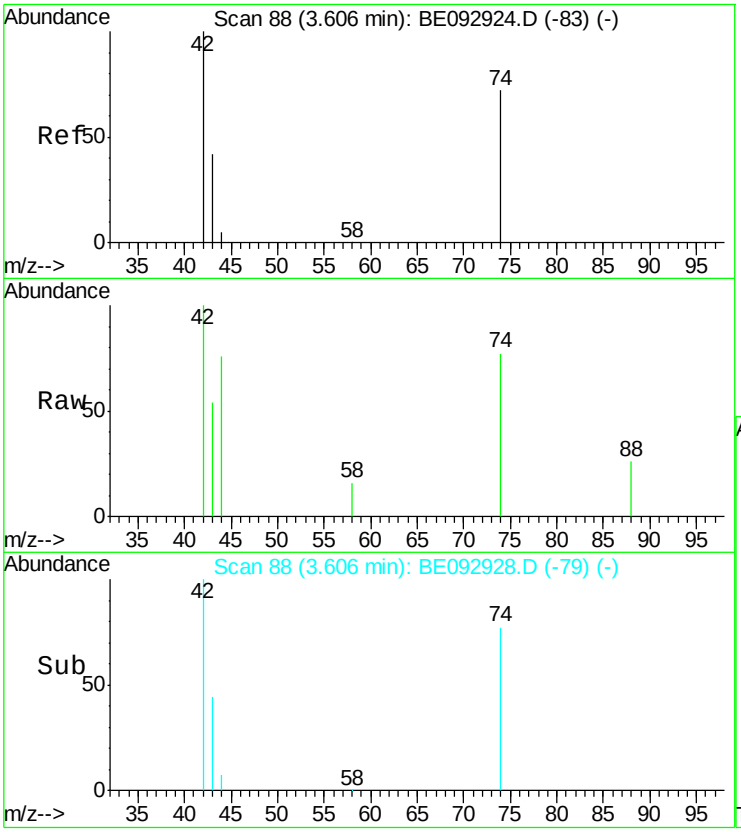


#2
1,4-Dioxane
Concen: 0.38 ng
RT: 3.31 min Scan# 62
Delta R.T. 0.00 min
Lab File: BE092928.D
Acq: 5 May 2017 13:33

Tgt Ion: 88 Resp: 544

Ion	Ratio	Lower	Upper
88	100		
58	80.7	64.9	97.3
43	30.7	26.6	40.0



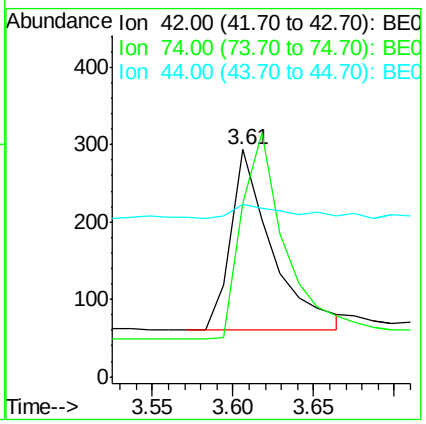


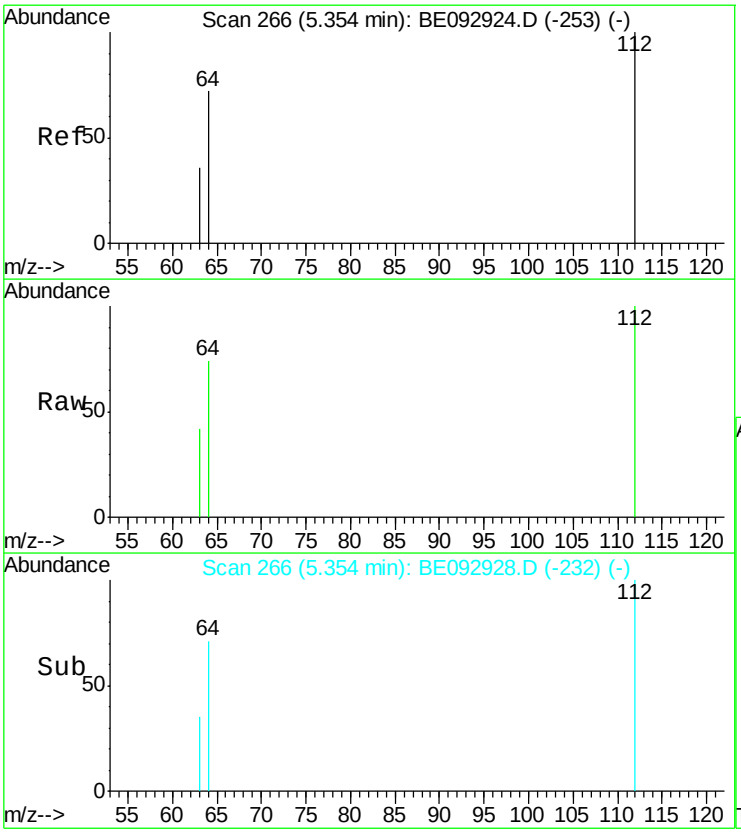
#3
n-Nitrosodimethylamine
Concen: 0.38 ng
RT: 3.61 min Scan# 88
Delta R.T. 0.00 min
Lab File: BE092928.D
Acq: 5 May 2017 13:33

Instrument :
BNA_E
ClientSampleId :
ICVBE050517

Tgt Ion: 42 Resp: 411

Ion	Ratio	Lower	Upper
42	100		
74	121.7	106.6	160.0
44	9.5	25.7	38.5#

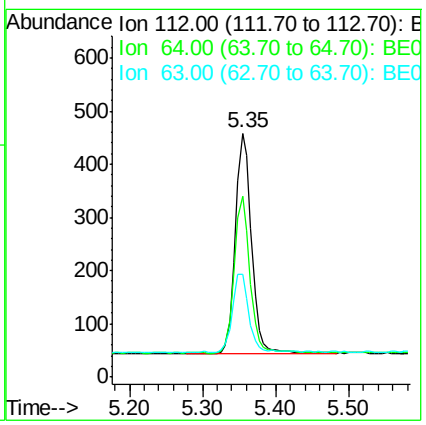


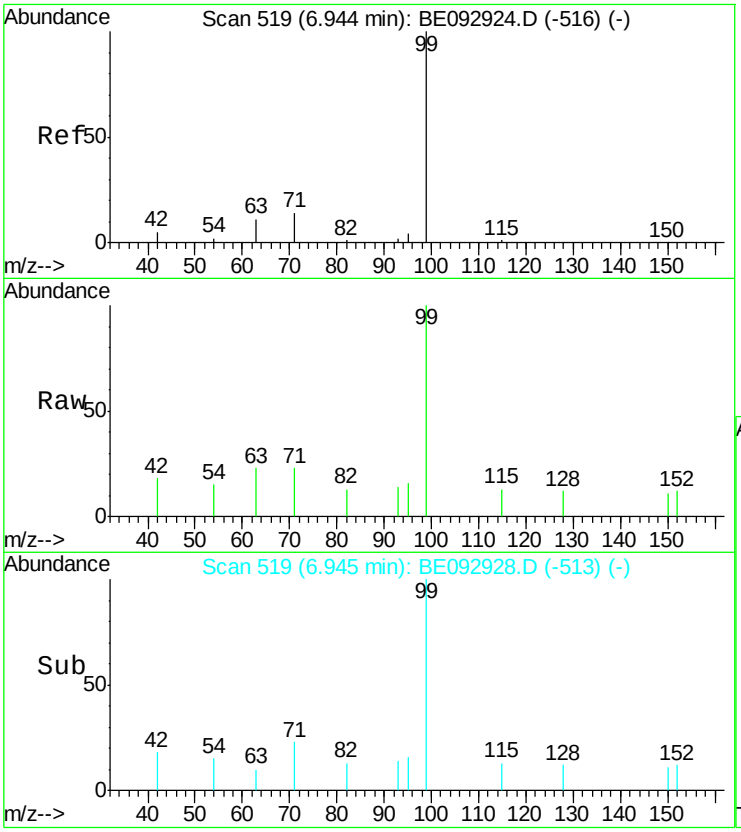


#4
2-Fluorophenol
Concen: 0.39 ng
RT: 5.35 min Scan# 266
Delta R.T. 0.00 min
Lab File: BE092928.D
Acq: 5 May 2017 13:33

Tgt Ion:112 Resp: 640

Ion	Ratio	Lower	Upper
112	100		
64	69.2	52.6	79.0
63	35.3	29.0	43.4



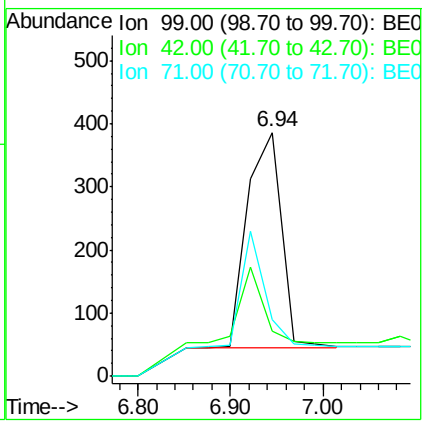


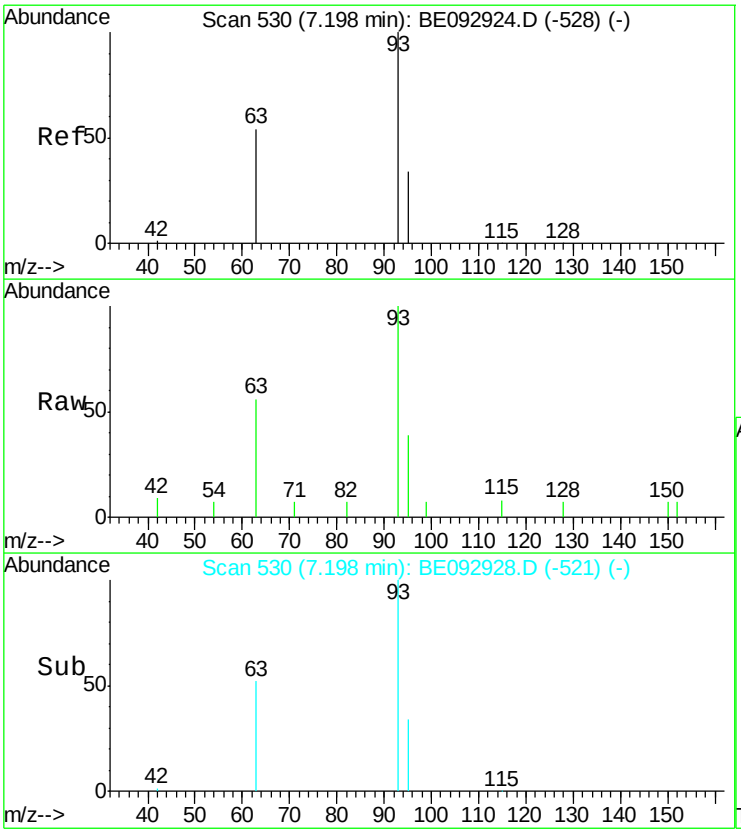
#5
Phenol-d6
Concen: 0.38 ng
RT: 6.94 min Scan# 519
Delta R.T. 0.00 min
Lab File: BE092928.D
Acq: 5 May 2017 13:33

Instrument :
BNA_E
ClientSampleId :
ICVBE050517

Tgt Ion: 99 Resp: 878

Ion	Ratio	Lower	Upper
99	100		
42	0.0	0.0	0.0
71	0.0	0.0	0.0

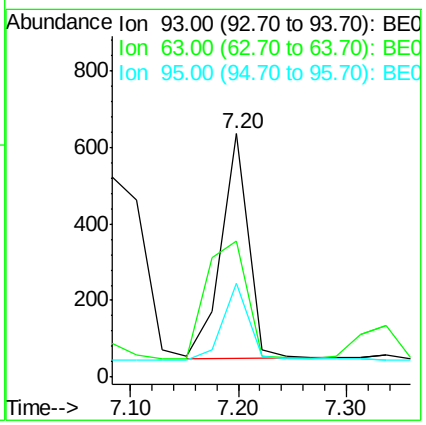


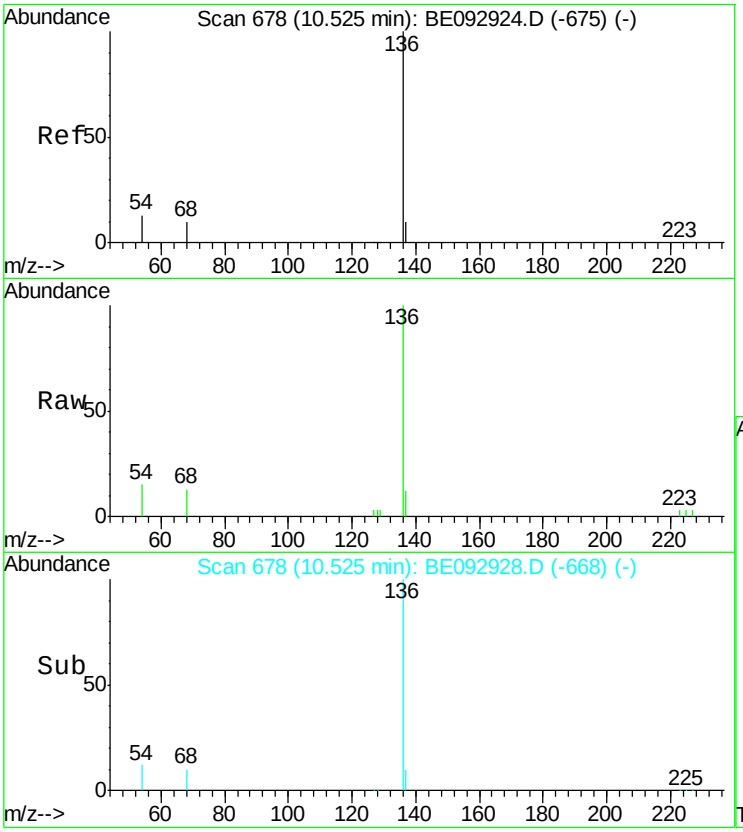


#6
bis(2-Chloroethyl)ether
Concen: 0.38 ng
RT: 7.20 min Scan# 530
Delta R.T. 0.00 min
Lab File: BE092928.D
Acq: 5 May 2017 13:33

Tgt Ion: 93 Resp: 1023

Ion	Ratio	Lower	Upper
93	100		
63	78.5	61.2	91.8
95	32.3	25.5	38.3



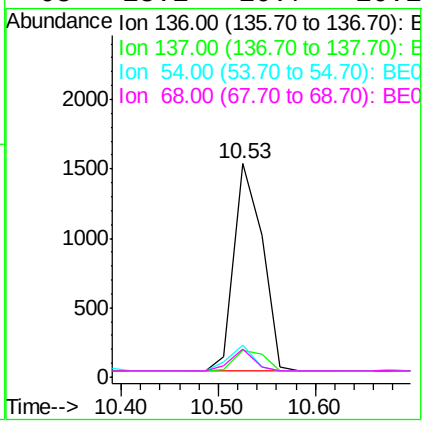


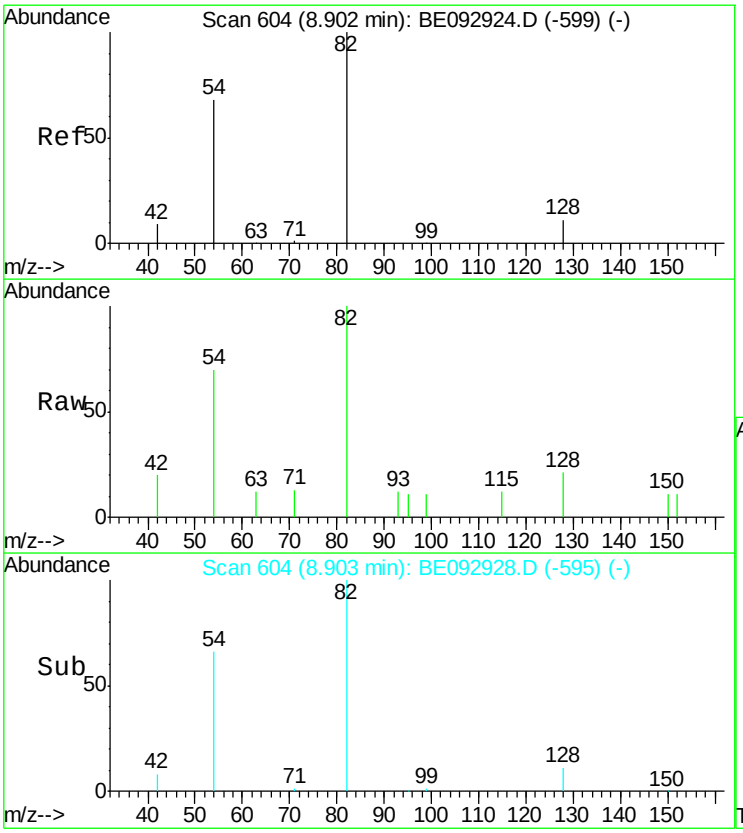
#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.53 min Scan# 678
Delta R.T. 0.00 min
Lab File: BE092928.D
Acq: 5 May 2017 13:33

Instrument :
BNA_E
ClientSampleId :
ICVBE050517

Tgt Ion:136 Resp: 3028

Ion	Ratio	Lower	Upper
136	100		
137	12.5	10.4	15.6
54	15.0	12.6	18.8
68	13.1	10.7	16.1

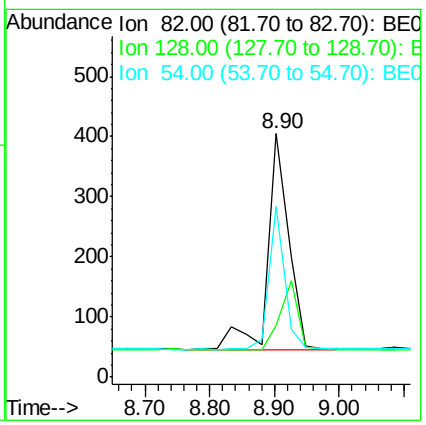


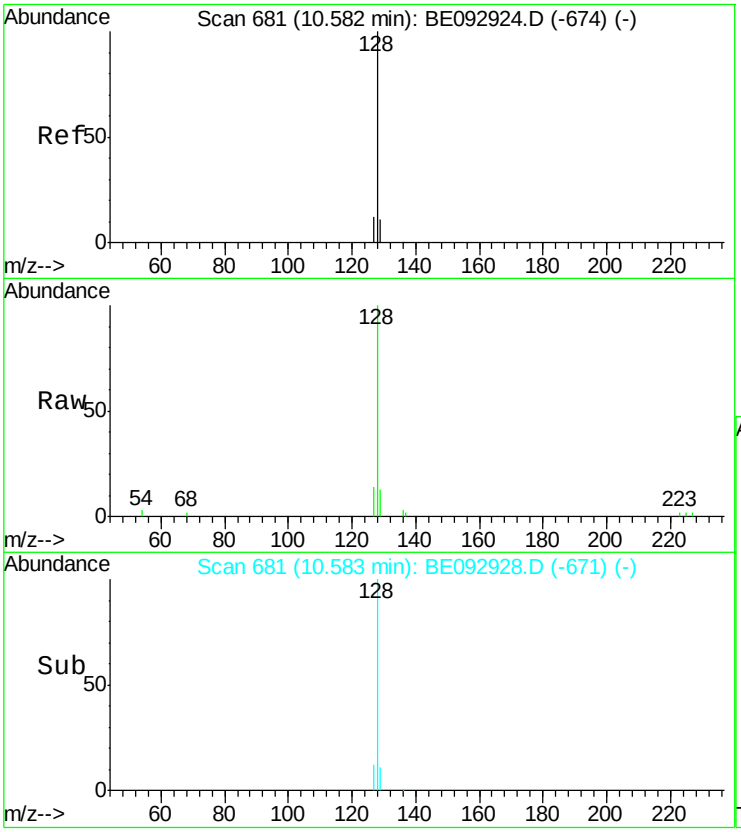


#8
Nitrobenzene-d5
Concen: 0.40 ng
RT: 8.90 min Scan# 604
Delta R.T. 0.00 min
Lab File: BE092928.D
Acq: 5 May 2017 13:33

Tgt Ion: 82 Resp: 821

Ion	Ratio	Lower	Upper
82	100		
128	21.2	35.3	52.9#
54	70.4	65.1	97.7



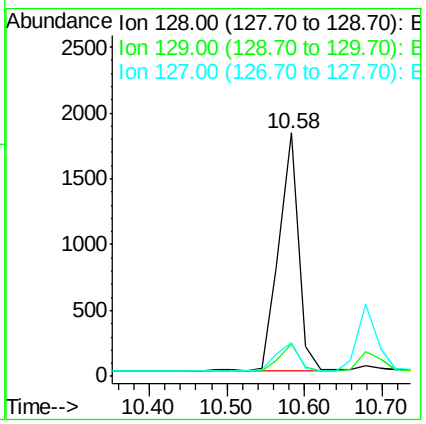


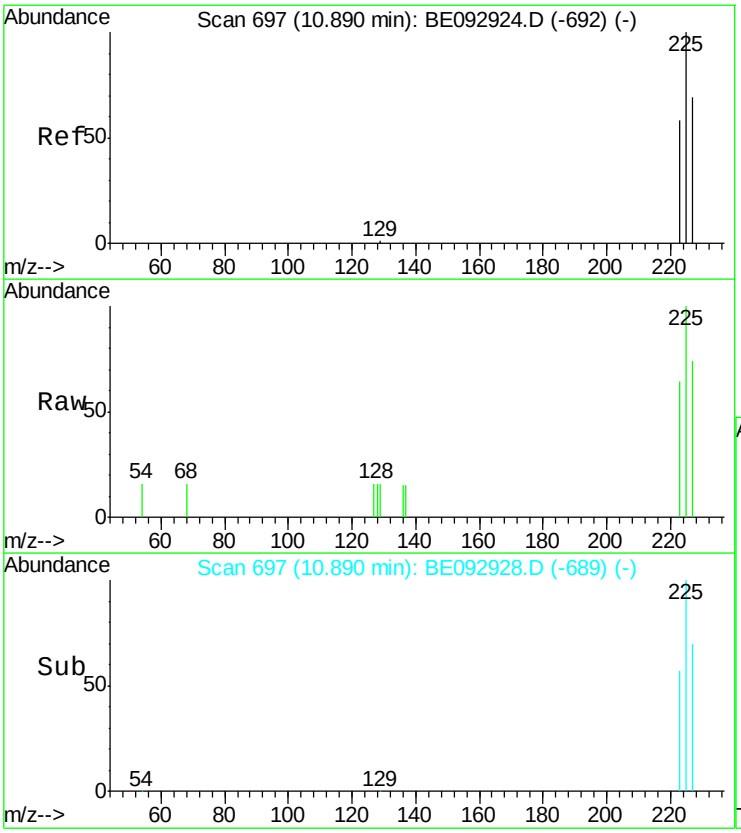
#9
Naphthalene
Concen: 0.40 ng
RT: 10.58 min Scan# 681
Delta R.T. 0.00 min
Lab File: BE092928.D
Acq: 5 May 2017 13:33

Instrument :
BNA_E
ClientSampleId :
ICVBE050517

Tgt Ion:128 Resp: 3208

Ion	Ratio	Lower	Upper
128	100		
129	13.4	15.8	23.8#
127	14.1	16.0	24.0#

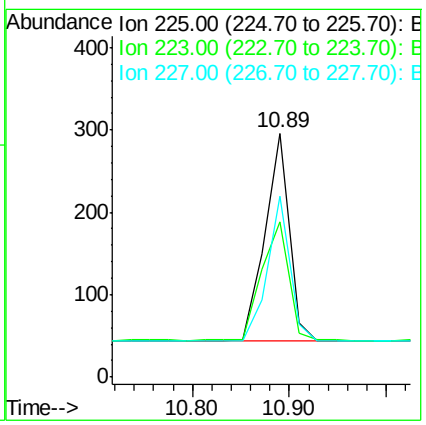


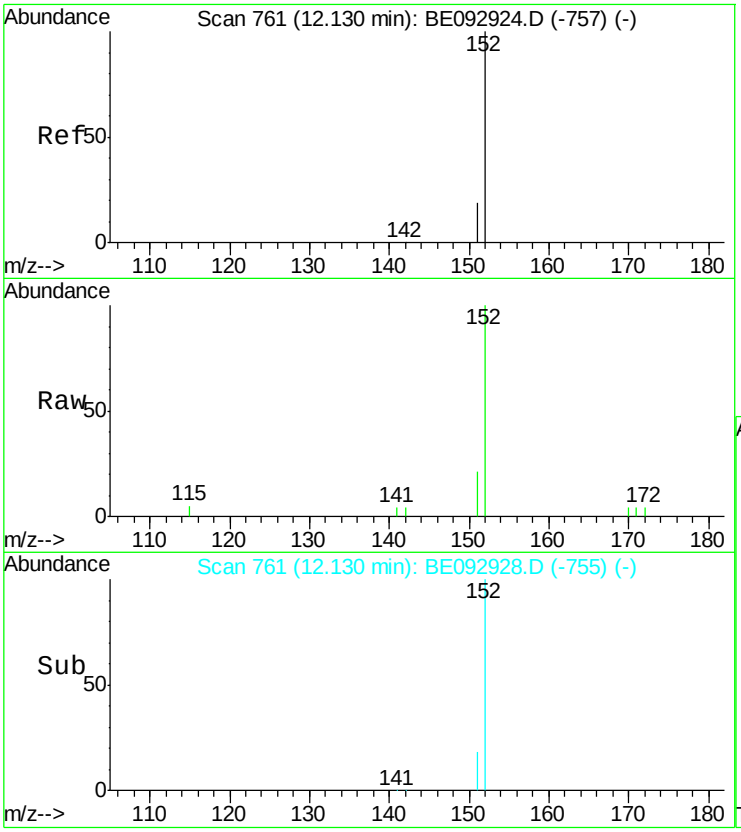


#10
Hexachlorobutadiene
Concen: 0.40 ng
RT: 10.89 min Scan# 697
Delta R.T. 0.00 min
Lab File: BE092928.D
Acq: 5 May 2017 13:33

Tgt Ion:225 Resp: 438

Ion	Ratio	Lower	Upper
225	100		
223	65.1	55.4	83.2
227	64.8	52.2	78.4



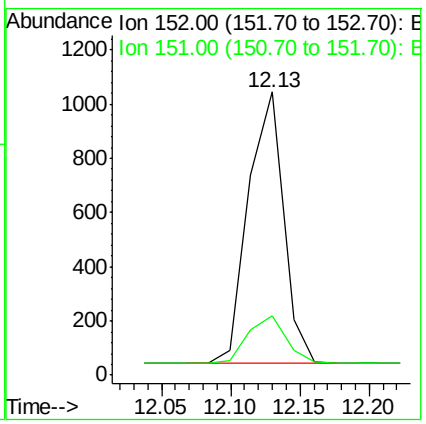


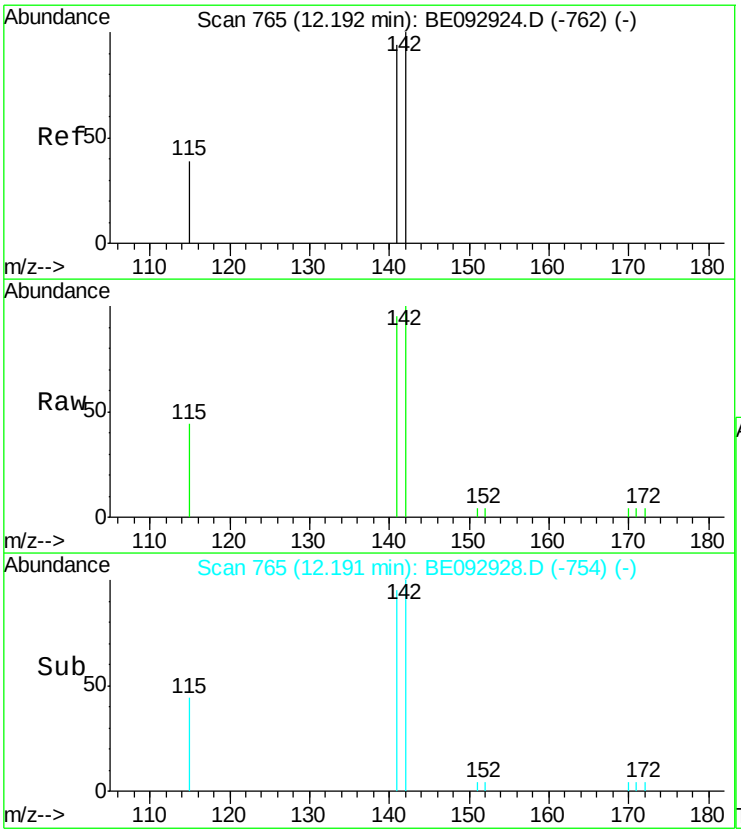
#11
2-Methylnaphthalene-d10
Concen: 0.39 ng
RT: 12.13 min Scan# 761
Delta R.T. -0.00 min
Lab File: BE092928.D
Acq: 5 May 2017 13:33

Instrument :
BNA_E
ClientSampleId :
ICVBE050517

Tgt Ion:152 Resp: 1769

Ion	Ratio	Lower	Upper
152	100		
151	19.1	15.7	23.5

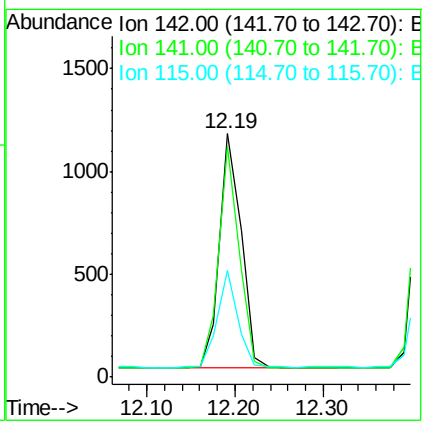


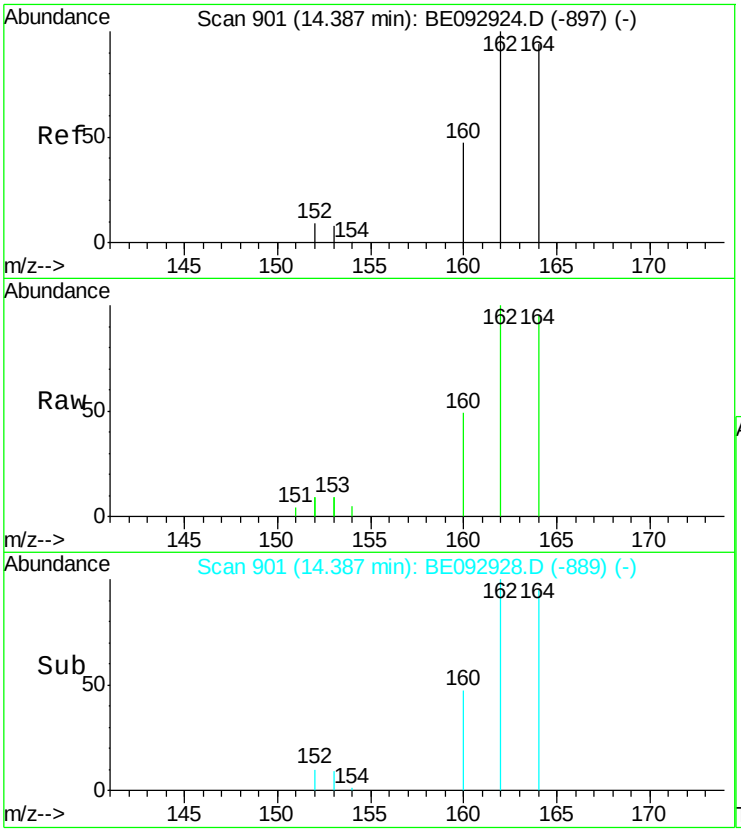


#12
2-Methylnaphthalene
Concen: 0.39 ng
RT: 12.19 min Scan# 765
Delta R.T. -0.00 min
Lab File: BE092928.D
Acq: 5 May 2017 13:33

Tgt Ion:142 Resp: 1922

Ion	Ratio	Lower	Upper
142	100		
141	94.9	76.0	114.0
115	43.7	41.6	62.4



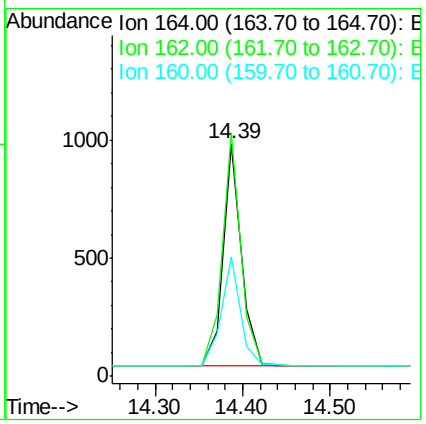


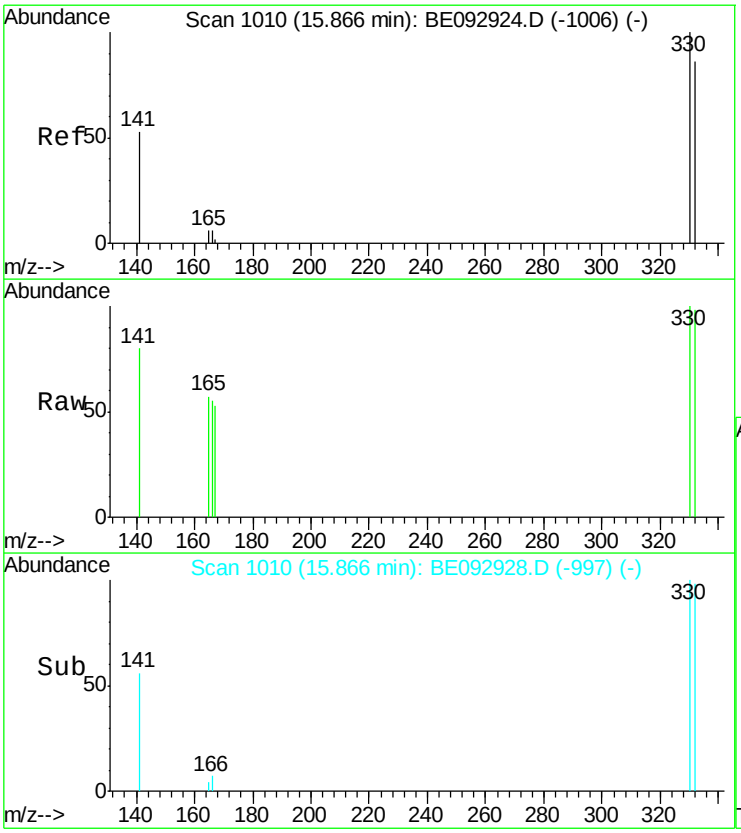
#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.39 min Scan# 901
Delta R.T. 0.00 min
Lab File: BE092928.D
Acq: 5 May 2017 13:33

Instrument :
BNA_E
ClientSampleId :
ICVBE050517

Tgt Ion:164 Resp: 1367

Ion	Ratio	Lower	Upper
164	100		
162	104.9	86.6	130.0
160	51.6	44.5	66.7

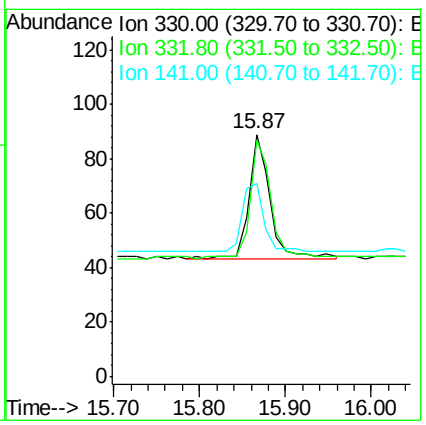


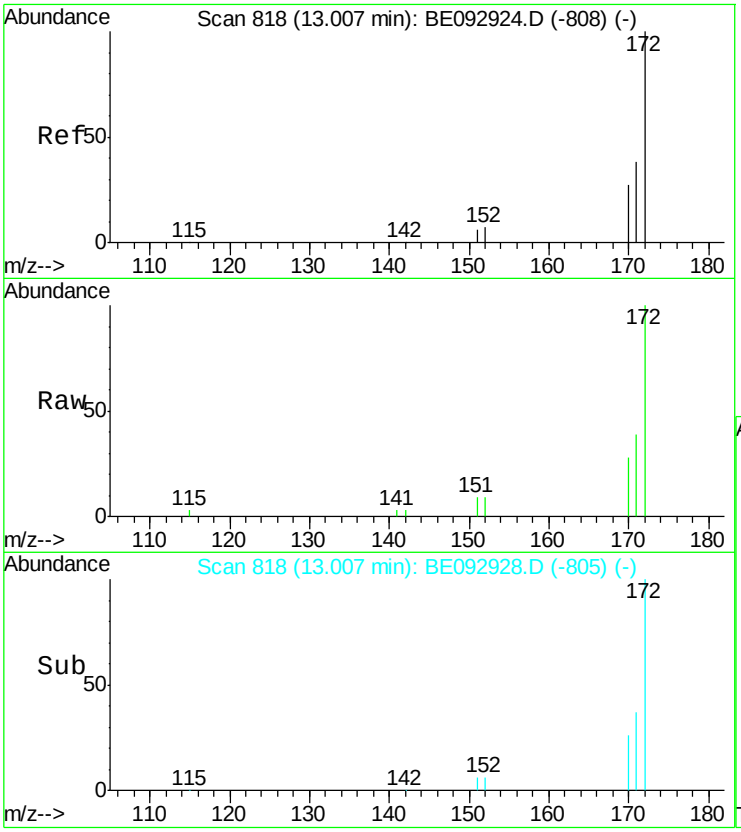


#14
2,4,6-Tribromophenol
Concen: 0.38 ng
RT: 15.87 min Scan# 1010
Delta R.T. 0.00 min
Lab File: BE092928.D
Acq: 5 May 2017 13:33

Tgt Ion:330 Resp: 81

Ion	Ratio	Lower	Upper
330	100		
332	96.3	69.1	103.7
141	53.1	54.6	81.8#



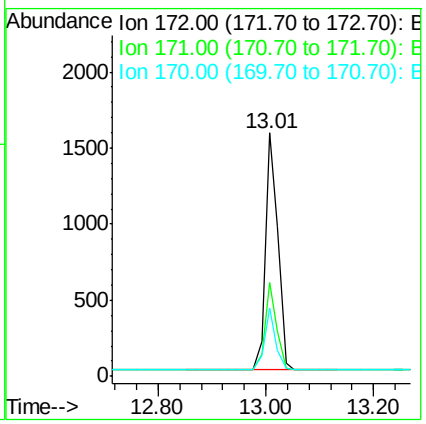


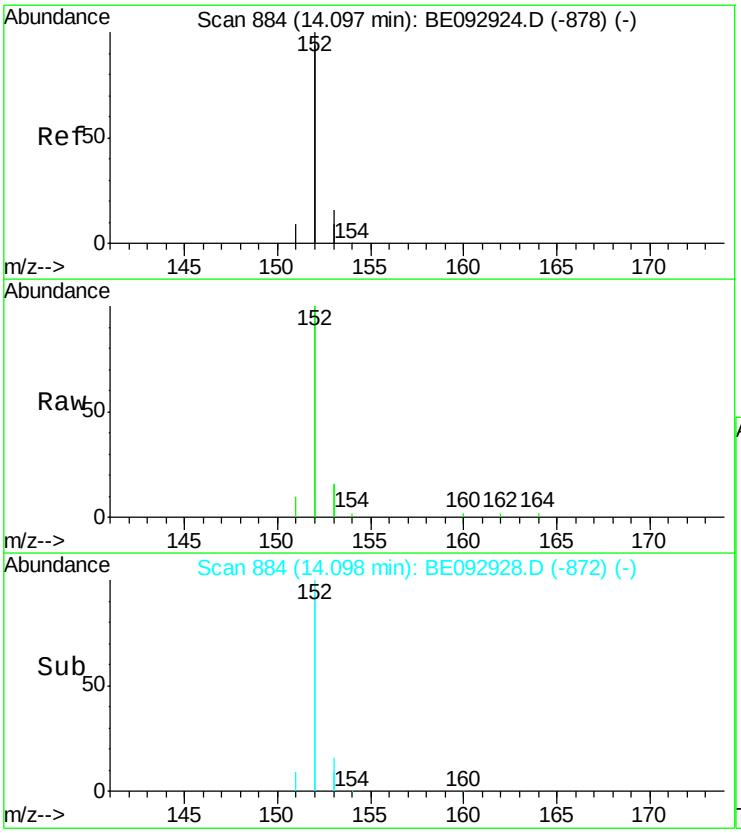
#15
2-Fluorobiphenyl
Concen: 0.40 ng
RT: 13.01 min Scan# 818
Delta R.T. -0.00 min
Lab File: BE092928.D
Acq: 5 May 2017 13:33

Instrument :
BNA_E
ClientSampleId :
ICVBE050517

Tgt Ion:172 Resp: 2530

Ion	Ratio	Lower	Upper
172	100		
171	38.6	35.8	53.6
170	27.8	28.5	42.7#

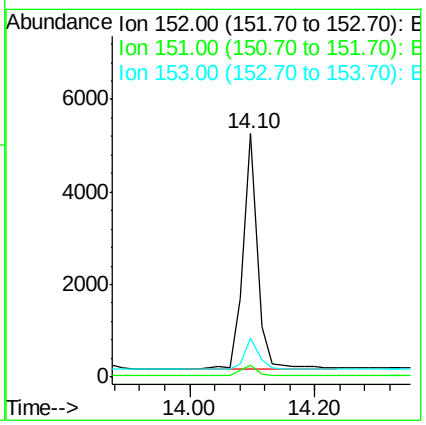


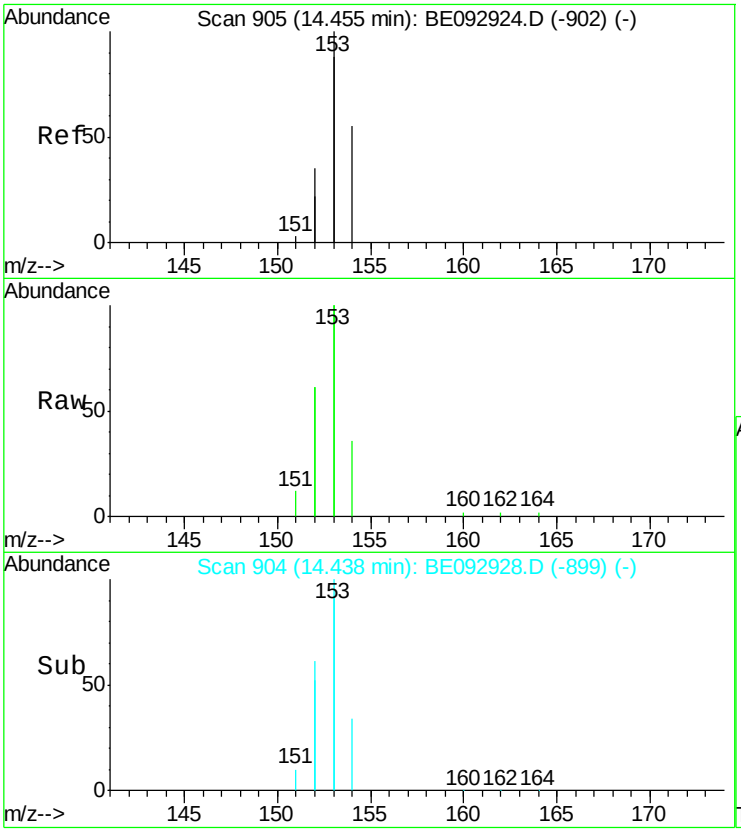


#16
Acenaphthylene
Concen: 0.38 ng
RT: 14.10 min Scan# 884
Delta R.T. 0.00 min
Lab File: BE092928.D
Acq: 5 May 2017 13:33

Tgt Ion:152 Resp: 8164

Ion	Ratio	Lower	Upper
152	100		
151	4.7	3.8	5.8
153	13.1	10.0	15.0



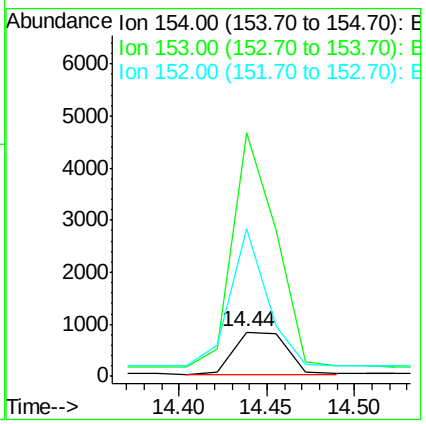


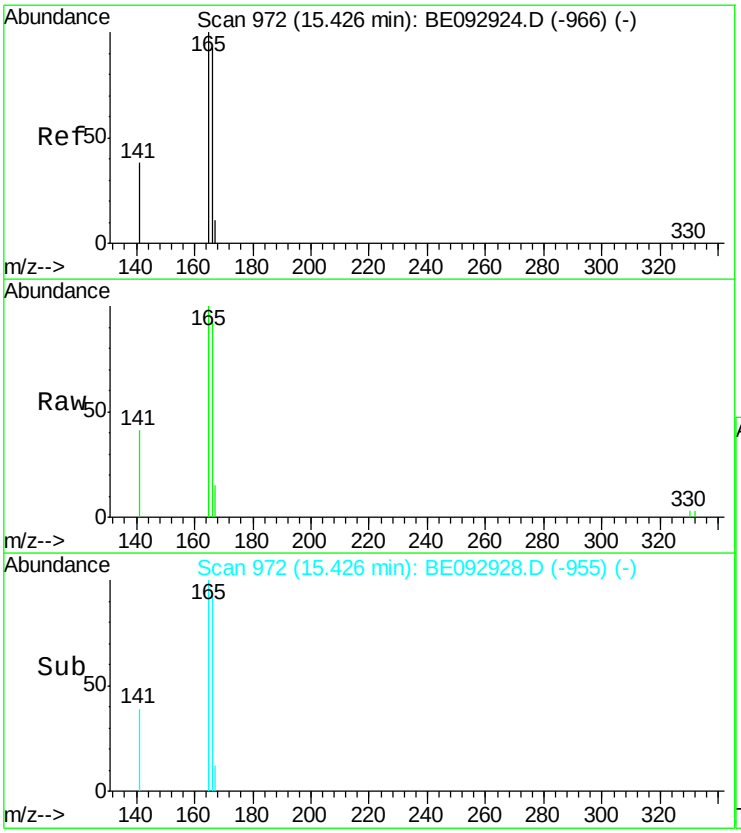
#17
Acenaphthene
Concen: 0.39 ng
RT: 14.44 min Scan# 904
Delta R.T. -0.02 min
Lab File: BE092928.D
Acq: 5 May 2017 13:33

Instrument :
BNA_E
ClientSampleId :
ICVBE050517

Tgt Ion:154 Resp: 1697

Ion	Ratio	Lower	Upper
154	100		
153	456.5	355.6	533.4
152	233.9	177.8	266.8

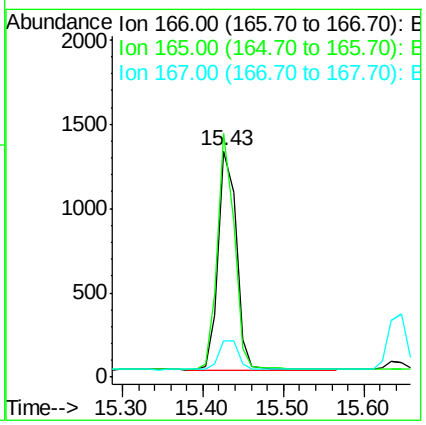


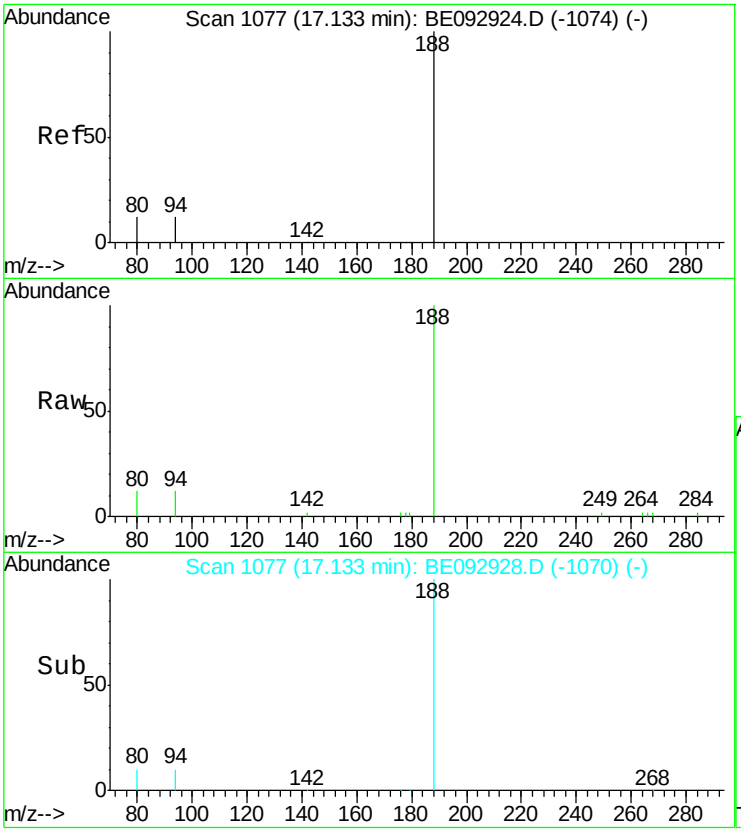


#18
Fluorene
Concen: 0.38 ng
RT: 15.43 min Scan# 972
Delta R.T. 0.00 min
Lab File: BE092928.D
Acq: 5 May 2017 13:33

Tgt Ion:166 Resp: 2043

Ion	Ratio	Lower	Upper
166	100		
165	99.7	80.7	121.1
167	14.8	11.3	16.9



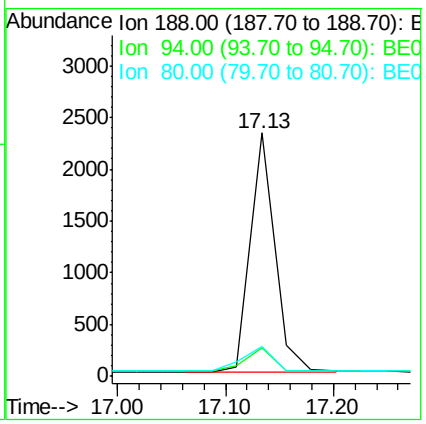


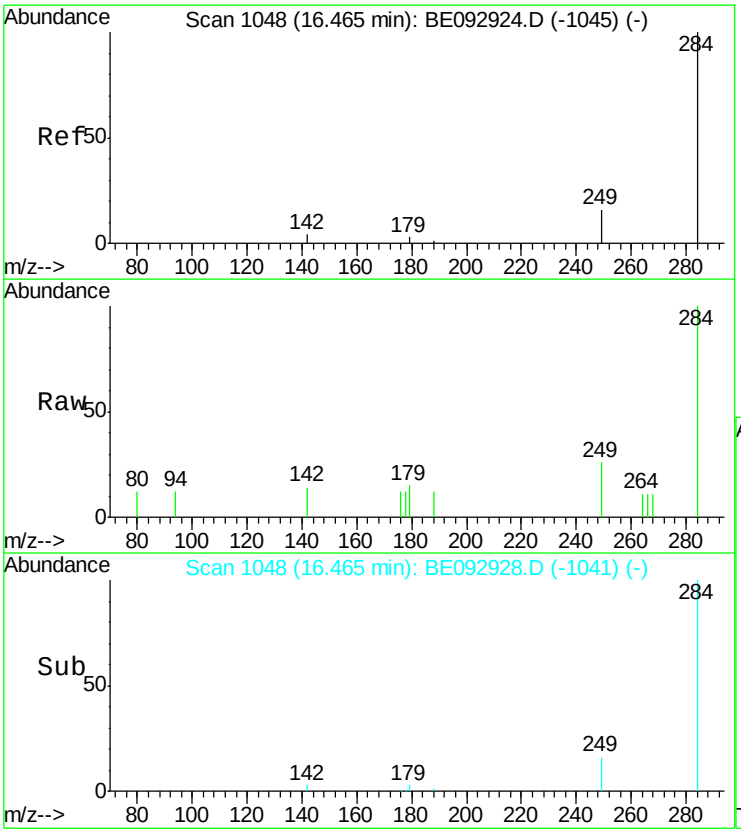
#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.13 min Scan# 1077
Delta R.T. 0.00 min
Lab File: BE092928.D
Acq: 5 May 2017 13:33

Instrument :
BNA_E
ClientSampleId :
ICVBE050517

Tgt Ion:188 Resp: 3649

Ion	Ratio	Lower	Upper
188	100		
94	11.8	10.2	15.4
80	12.1	10.6	15.8

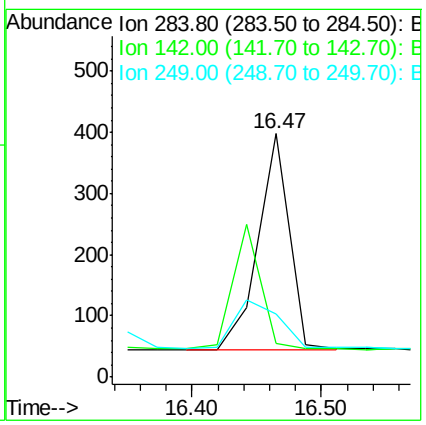


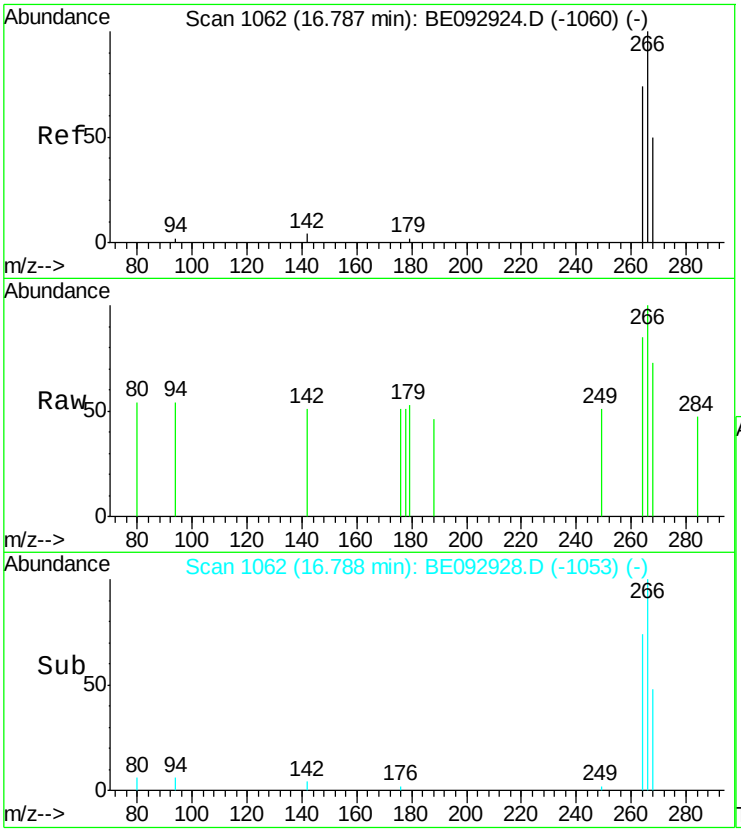


#20
Hexachlorobenzene
Concen: 0.38 ng
RT: 16.47 min Scan# 1048
Delta R.T. 0.00 min
Lab File: BE092928.D
Acq: 5 May 2017 13:33

Tgt Ion:284 Resp: 594

Ion	Ratio	Lower	Upper
284	100		
142	0.0	0.0	0.0
249	0.0	0.0	0.0



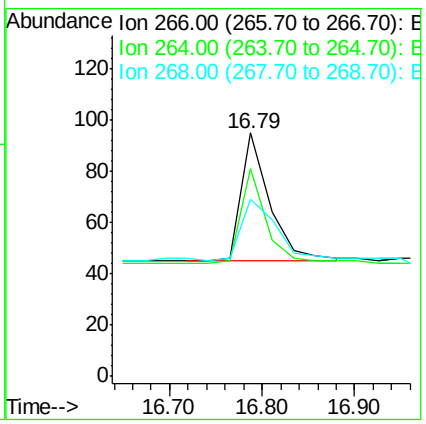


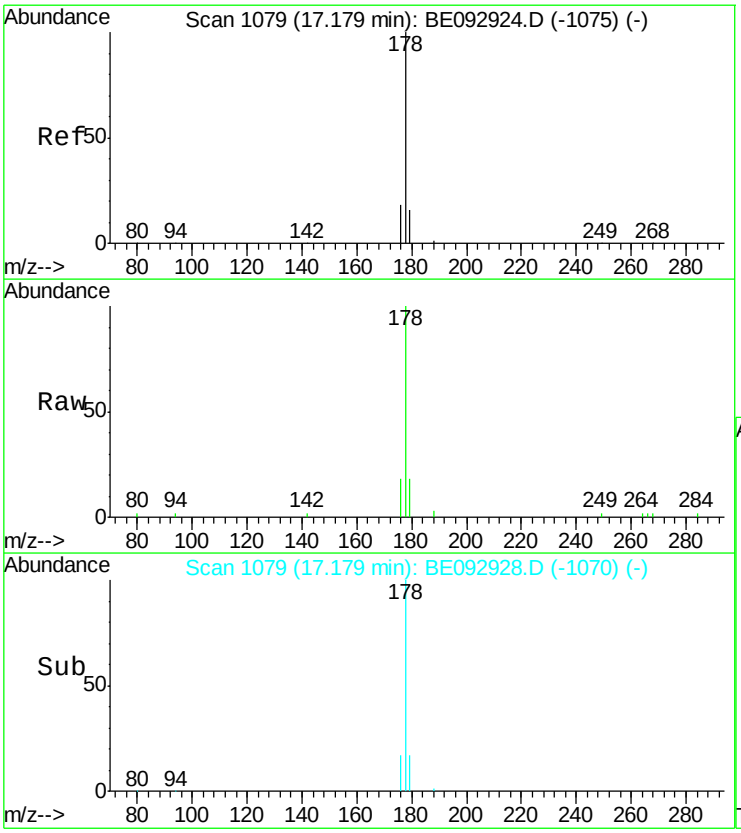
#21
Pentachlorophenol
Concen: 0.42 ng
RT: 16.79 min Scan# 1062
Delta R.T. 0.00 min
Lab File: BE092928.D
Acq: 5 May 2017 13:33

Instrument :
BNA_E
ClientSampleId :
ICVBE050517

Tgt Ion:266 Resp: 106

Ion	Ratio	Lower	Upper
266	100		
264	85.3	75.4	113.2
268	72.6	75.4	113.2#

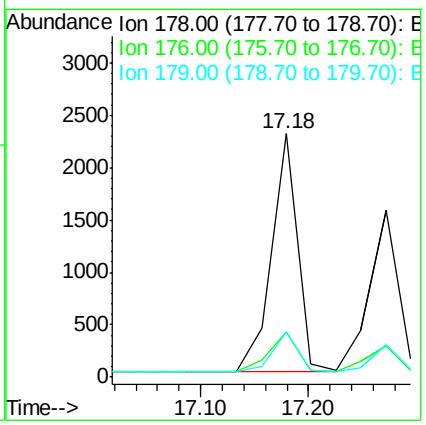


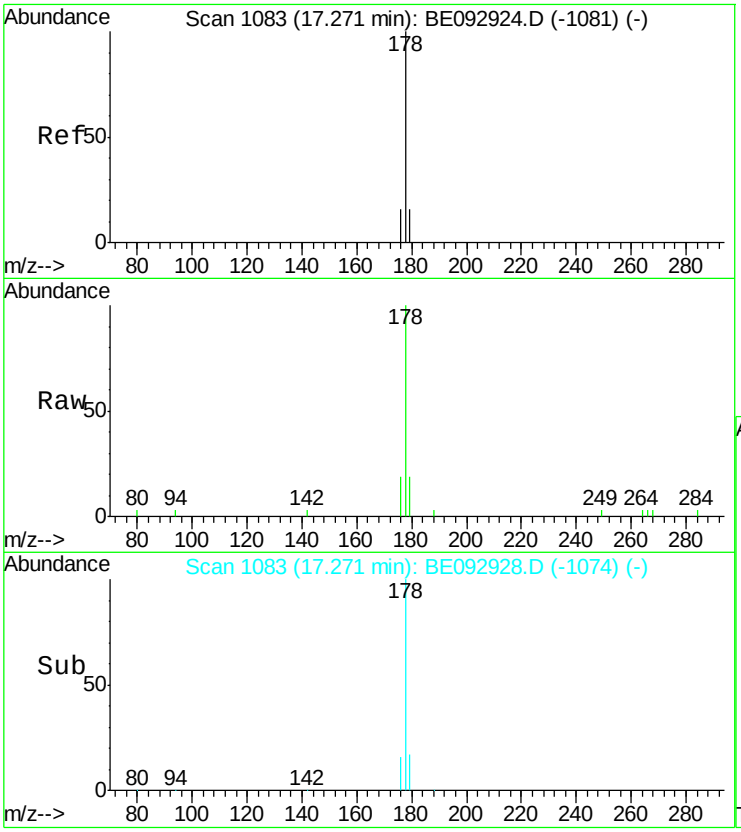


#22
Phenanthrene
Concen: 0.38 ng
RT: 17.18 min Scan# 1079
Delta R.T. 0.00 min
Lab File: BE092928.D
Acq: 5 May 2017 13:33

Tgt Ion:178 Resp: 3859

Ion	Ratio	Lower	Upper
178	100		
176	18.4	14.2	21.4
179	15.9	13.6	20.4



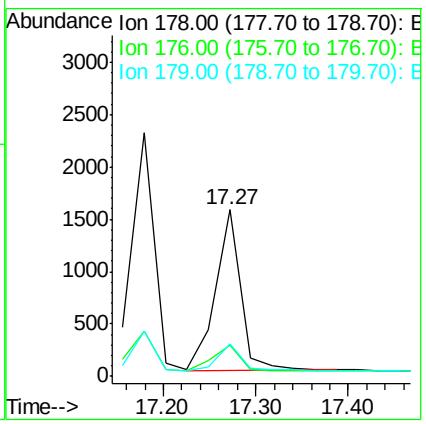


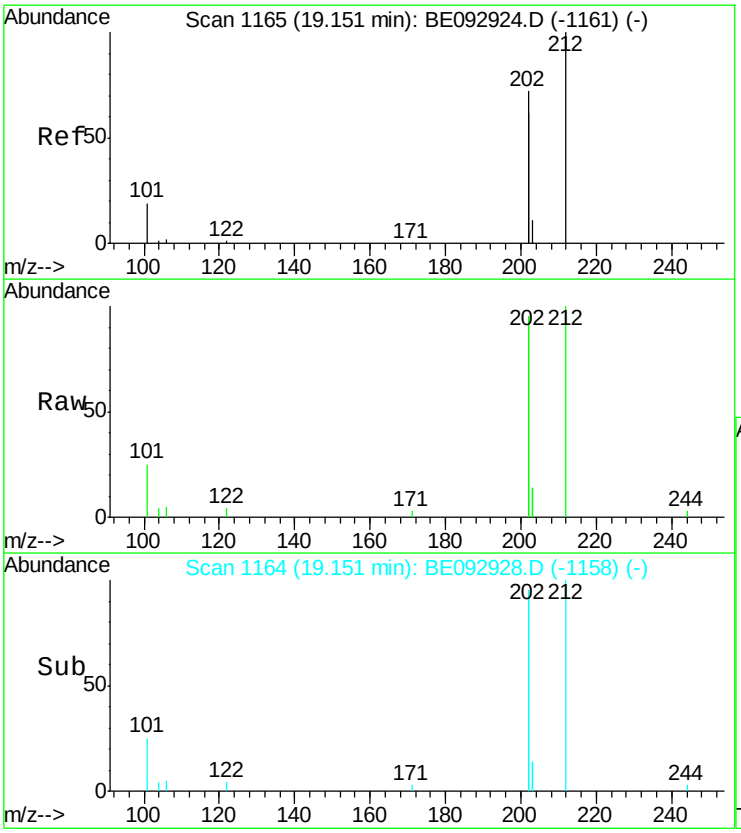
#23
Anthracene
Concen: 0.37 ng
RT: 17.27 min Scan# 1083
Delta R.T. 0.00 min
Lab File: BE092928.D
Acq: 5 May 2017 13:33

Instrument :
BNA_E
ClientSampleId :
ICVBE050517

Tgt Ion:178 Resp: 2900

Ion	Ratio	Lower	Upper
178	100		
176	17.9	14.7	22.1
179	15.8	12.8	19.2

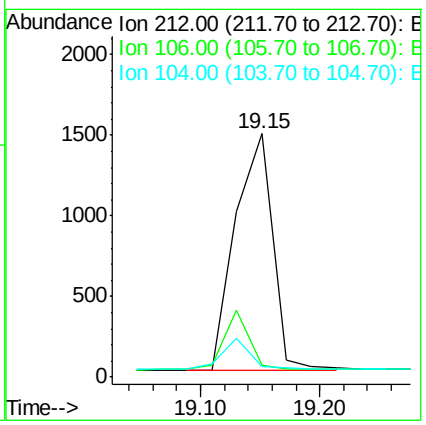


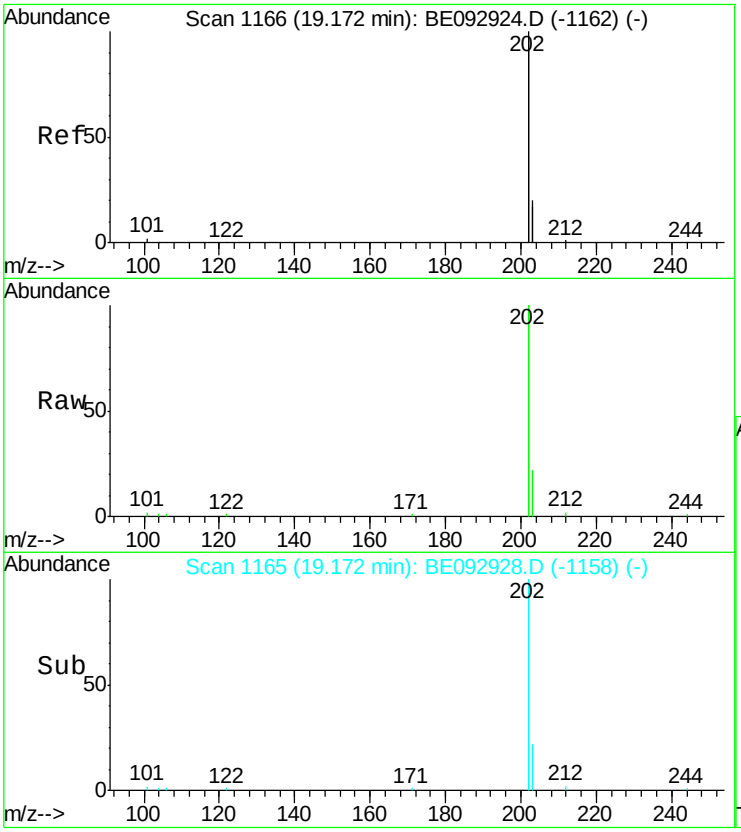


#24
Fluoranthene-d10
Concen: 0.38 ng
RT: 19.15 min Scan# 1164
Delta R.T. 0.00 min
Lab File: BE092928.D
Acq: 5 May 2017 13:33

Tgt Ion:212 Resp: 3193

Ion	Ratio	Lower	Upper
212	100		
106	0.0	0.0	0.0
104	0.0	0.0	0.0



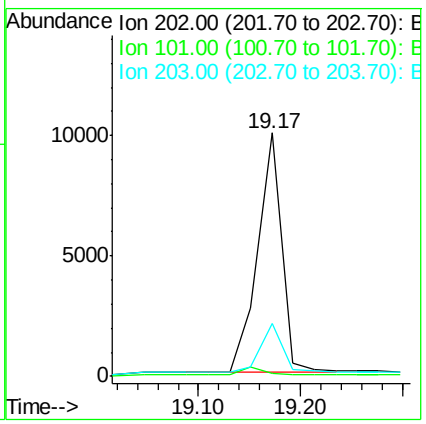


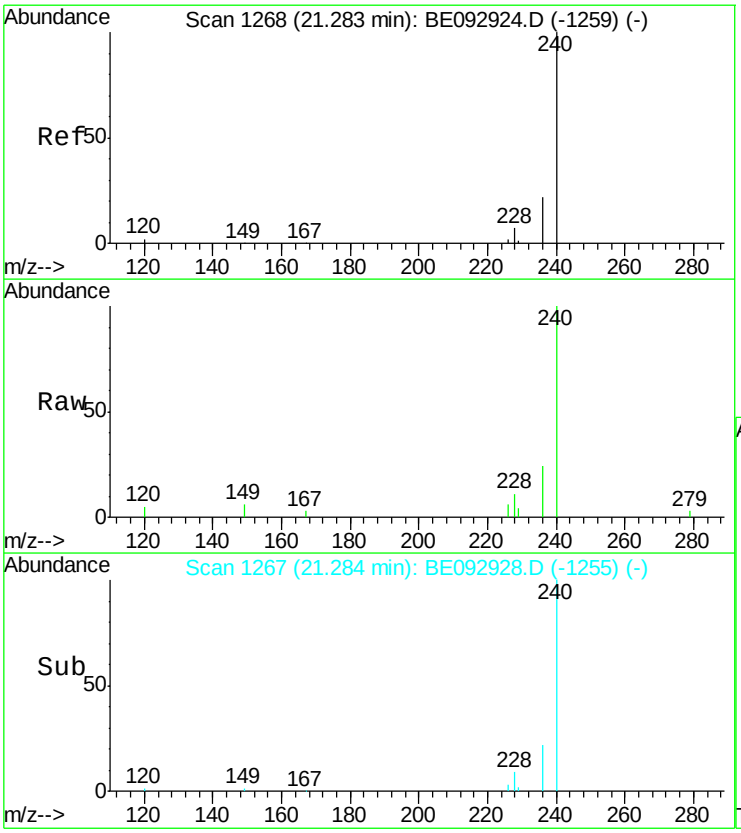
#25
Fluoranthene
Concen: 0.37 ng
RT: 19.17 min Scan# 1165
Delta R.T. 0.00 min
Lab File: BE092928.D
Acq: 5 May 2017 13:33

Instrument :
BNA_E
ClientSampleId :
ICVBE050517

Tgt Ion:202 Resp: 16531

Ion	Ratio	Lower	Upper
202	100		
101	0.0	0.0	0.0
203	18.2	15.3	22.9

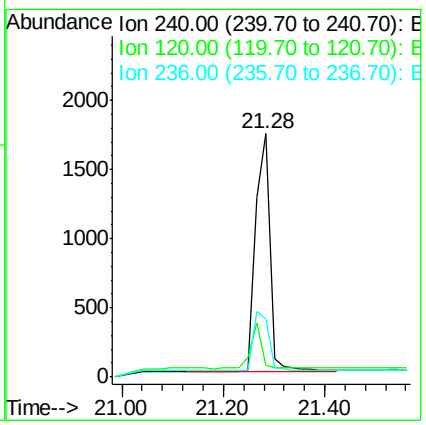


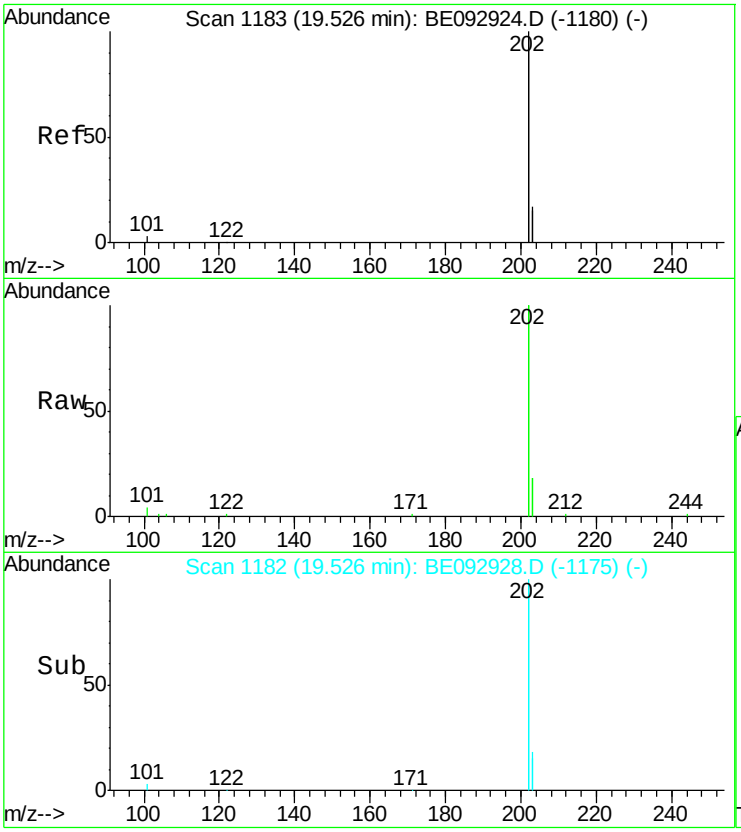


#26
Chrysene-d12
Concen: 0.40 ng
RT: 21.28 min Scan# 1267
Delta R.T. 0.00 min
Lab File: BE092928.D
Acq: 5 May 2017 13:33

Tgt Ion:240 Resp: 3278

Ion	Ratio	Lower	Upper
240	100		
120	4.9	4.6	6.8
236	23.7	19.8	29.8



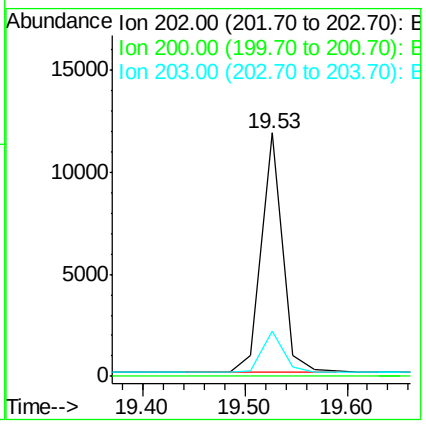


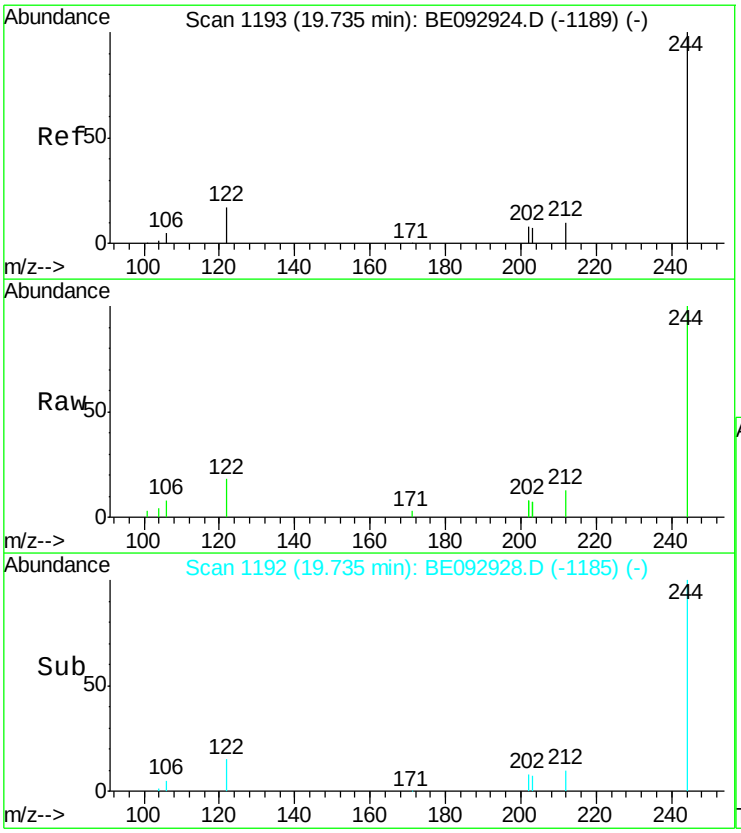
#27
Pyrene
Concen: 0.40 ng
RT: 19.53 min Scan# 1182
Delta R.T. 0.00 min
Lab File: BE092928.D
Acq: 5 May 2017 13:33

Instrument :
BNA_E
ClientSampleId :
ICVBE050517

Tgt Ion:202 Resp: 17074

Ion	Ratio	Lower	Upper
202	100		
200	0.0	0.0	0.0
203	17.7	13.5	20.3

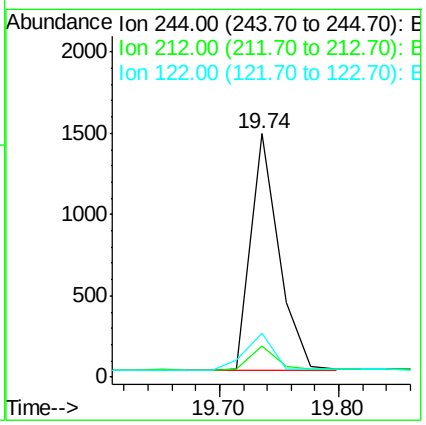


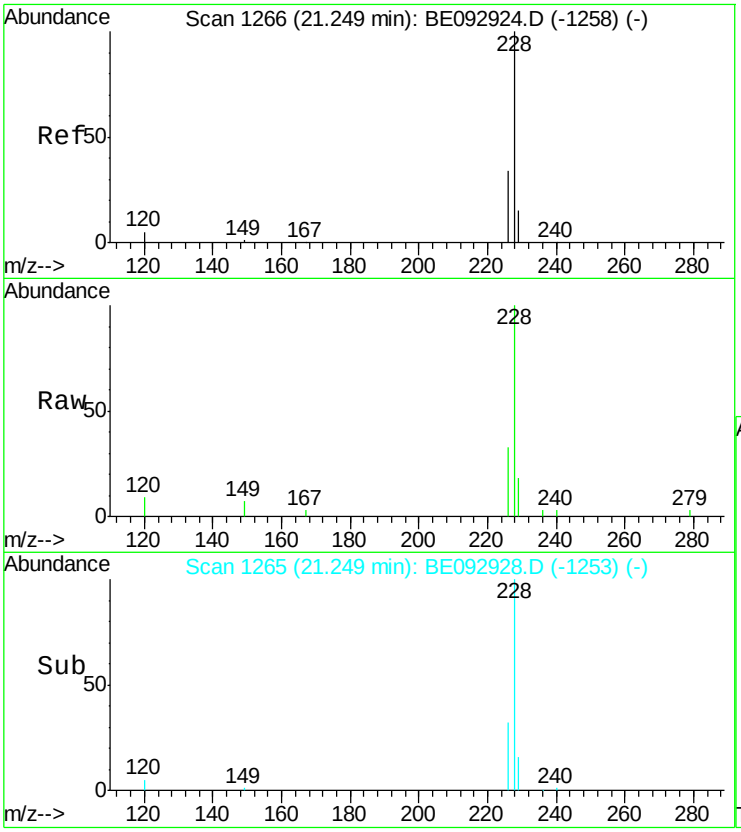


#28
Terphenyl-d14
Concen: 0.42 ng
RT: 19.74 min Scan# 1192
Delta R.T. 0.00 min
Lab File: BE092928.D
Acq: 5 May 2017 13:33

Tgt Ion:244 Resp: 2387

Ion	Ratio	Lower	Upper
244	100		
212	12.6	18.4	27.6#
122	17.8	23.3	34.9#



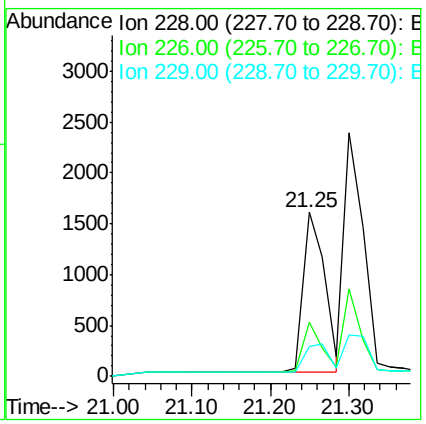


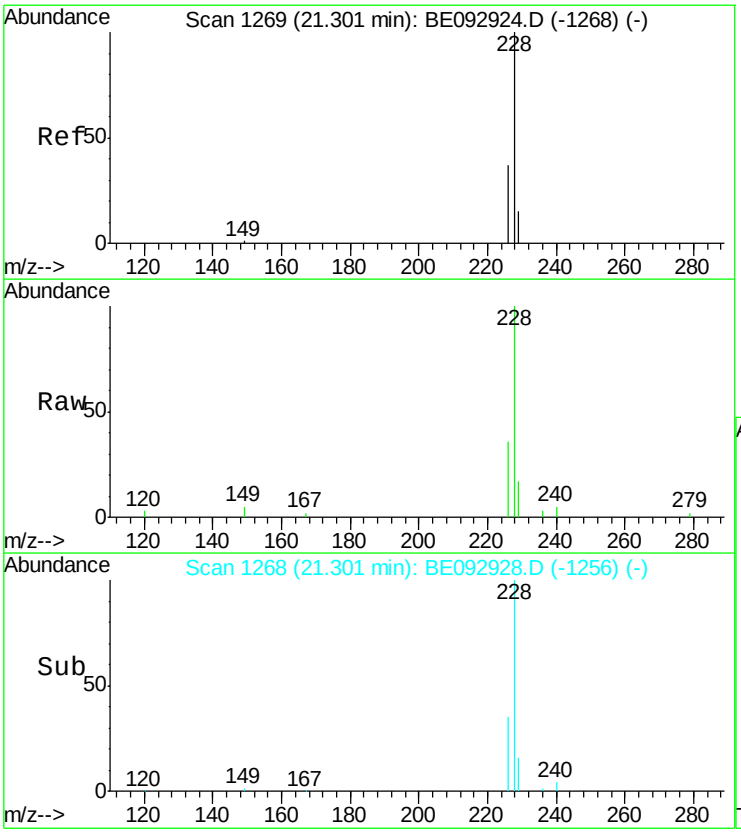
#29
Benzo(a)anthracene
Concen: 0.39 ng
RT: 21.25 min Scan# 1265
Delta R.T. 0.00 min
Lab File: BE092928.D
Acq: 5 May 2017 13:33

Instrument :
BNA_E
ClientSampleId :
ICVBE050517

Tgt Ion:228 Resp: 2991

Ion	Ratio	Lower	Upper
228	100		
226	33.4	32.0	48.0
229	18.4	21.4	32.0#

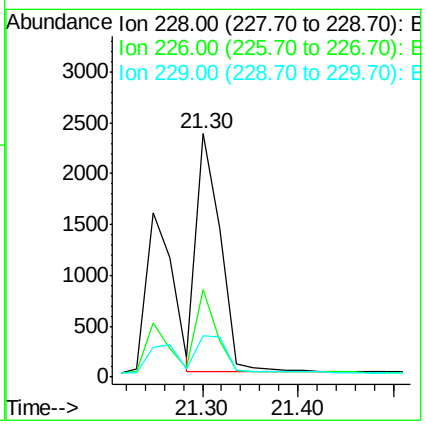


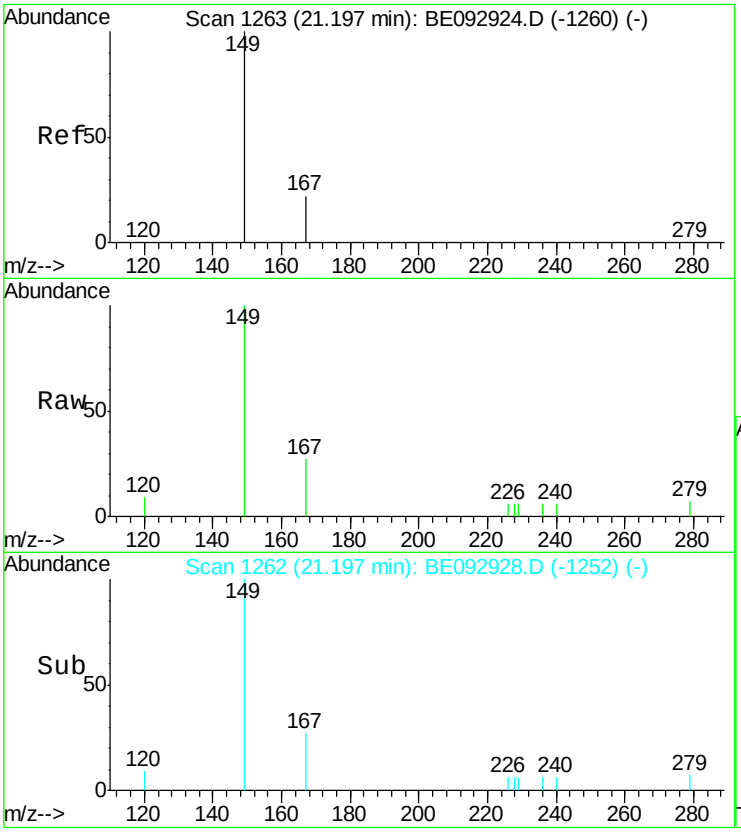


#30
Chrysene
Concen: 0.42 ng
RT: 21.30 min Scan# 1268
Delta R.T. 0.00 min
Lab File: BE092928.D
Acq: 5 May 2017 13:33

Tgt Ion:228 Resp: 4081

Ion	Ratio	Lower	Upper
228	100		
226	36.0	34.2	51.2
229	17.2	18.6	28.0#



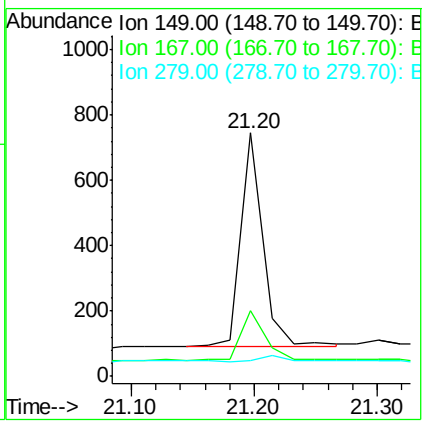


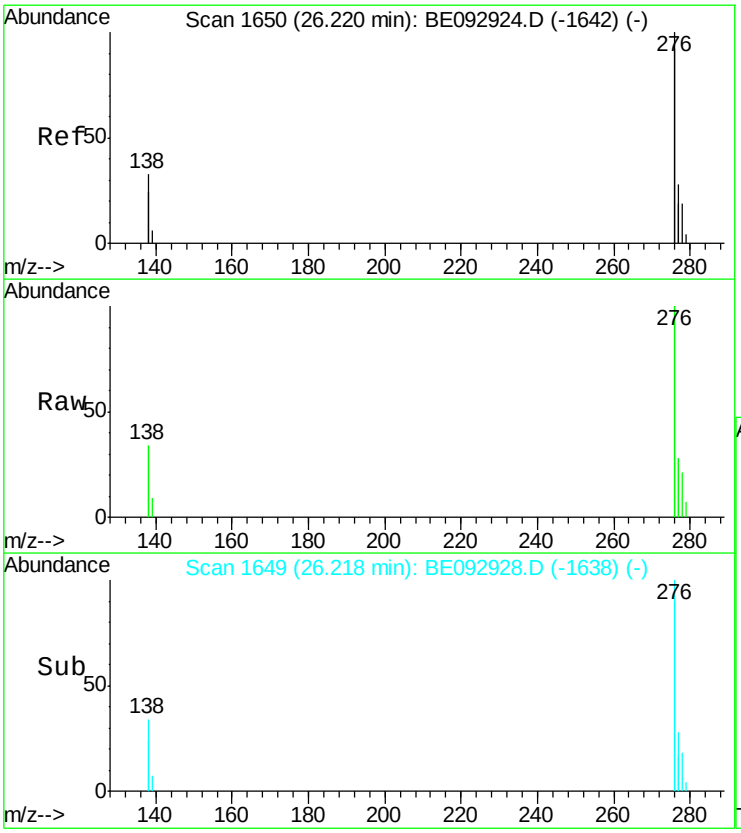
#31
Bis(2-ethylhexyl)phthalate
Concen: 0.39 ng
RT: 21.20 min Scan# 1262
Delta R.T. 0.00 min
Lab File: BE092928.D
Acq: 5 May 2017 13:33

Instrument :
BNA_E
ClientSampleId :
ICVBE050517

Tgt Ion:149 Resp: 817

Ion	Ratio	Lower	Upper
149	100		
167	24.6	20.9	31.3
279	0.0	0.0	0.0

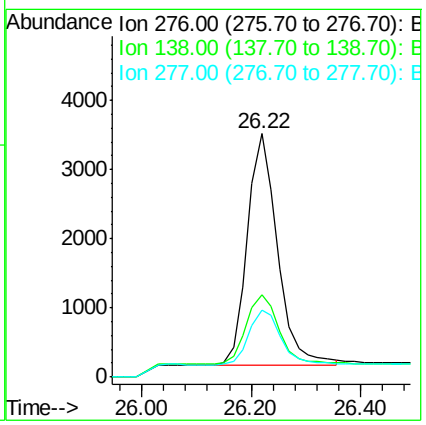


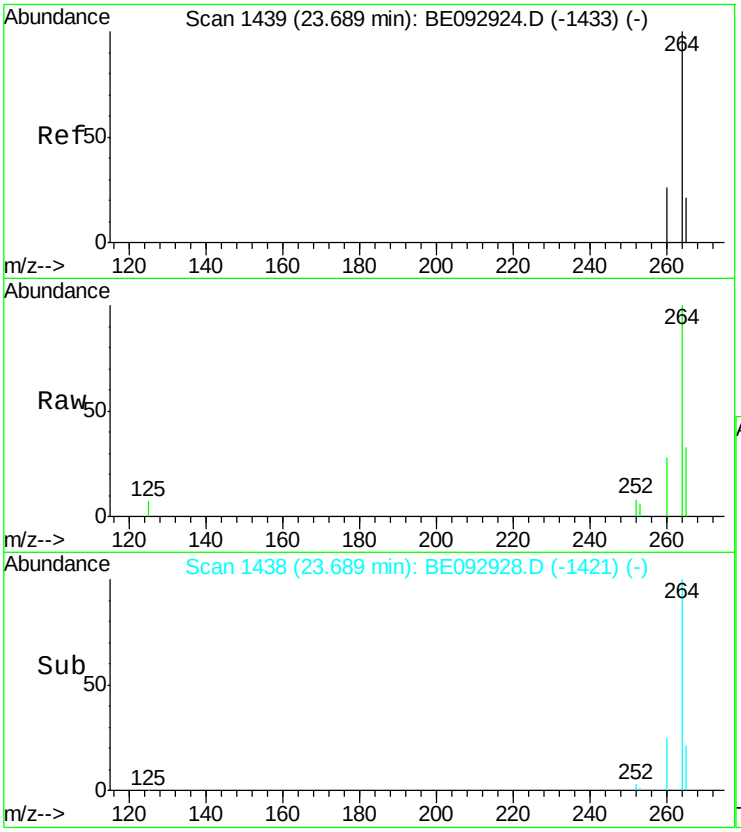


#32
Indeno(1,2,3-cd)pyrene
Concen: 0.36 ng
RT: 26.22 min Scan# 1649
Delta R.T. -0.00 min
Lab File: BE092928.D
Acq: 5 May 2017 13:33

Tgt Ion:276 Resp: 12783

Ion	Ratio	Lower	Upper
276	100		
138	32.8	25.8	38.6
277	25.0	20.2	30.4



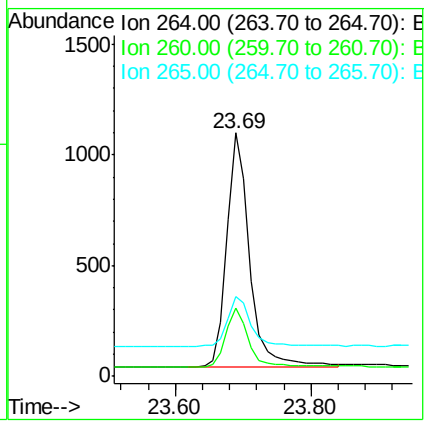


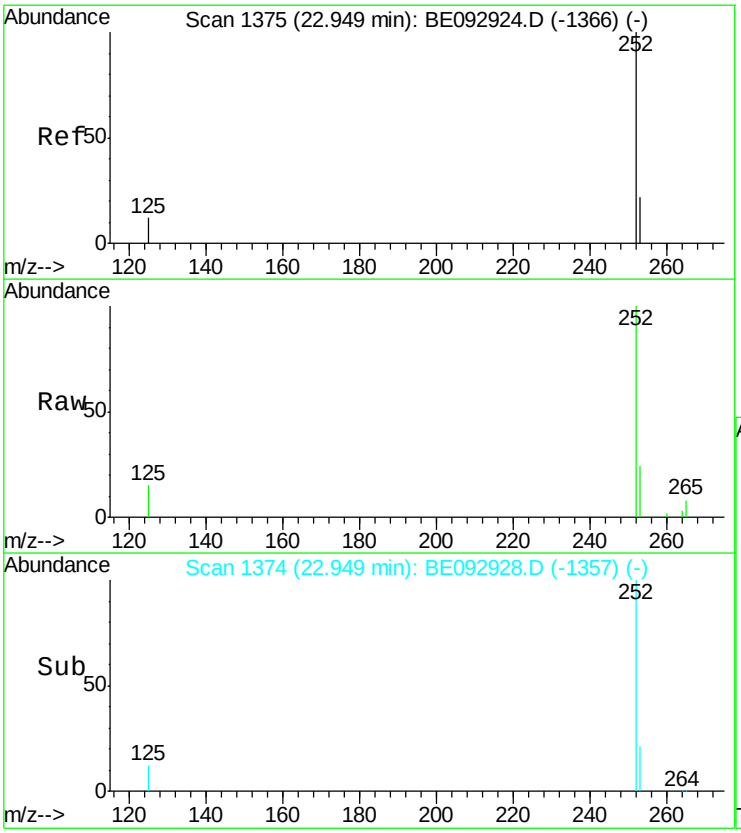
#33
Perylene-d12
Concen: 0.40 ng
RT: 23.69 min Scan# 1438
Delta R.T. 0.00 min
Lab File: BE092928.D
Acq: 5 May 2017 13:33

Instrument :
BNA_E
ClientSampleId :
ICVBE050517

Tgt Ion:264 Resp: 2485

Ion	Ratio	Lower	Upper
264	100		
260	28.2	23.5	35.3
265	32.8	27.2	40.8

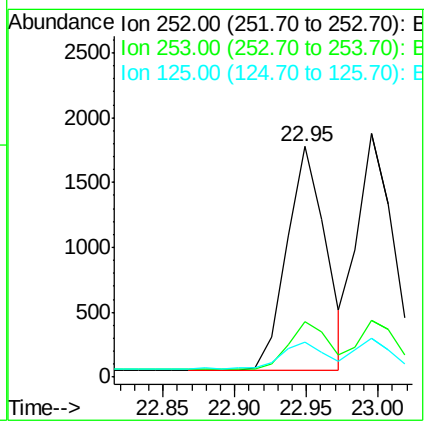


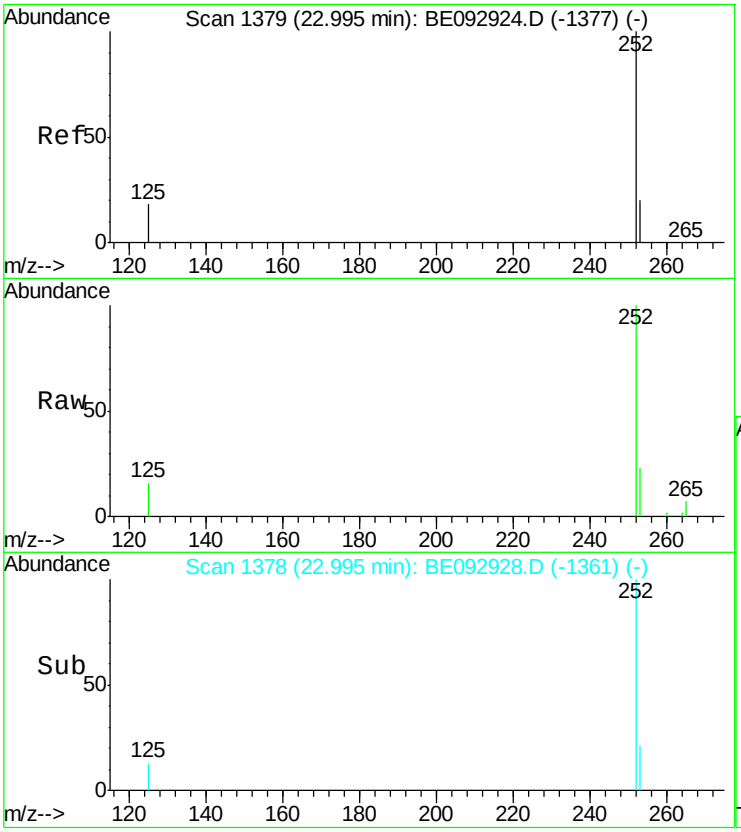


#34
Benzo(b)fluoranthene
Concen: 0.40 ng
RT: 22.95 min Scan# 1374
Delta R.T. 0.00 min
Lab File: BE092928.D
Acq: 5 May 2017 13:33

Tgt Ion:252 Resp: 3235

Ion	Ratio	Lower	Upper
252	100		
253	24.1	24.7	37.1#
125	15.0	20.3	30.5#



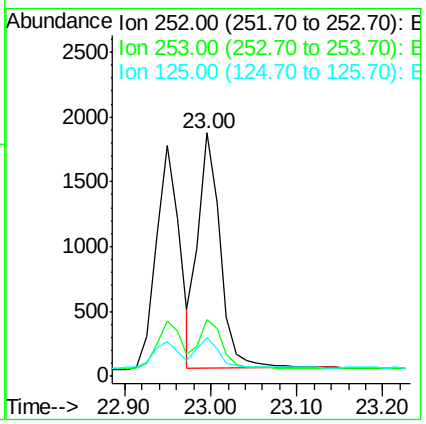


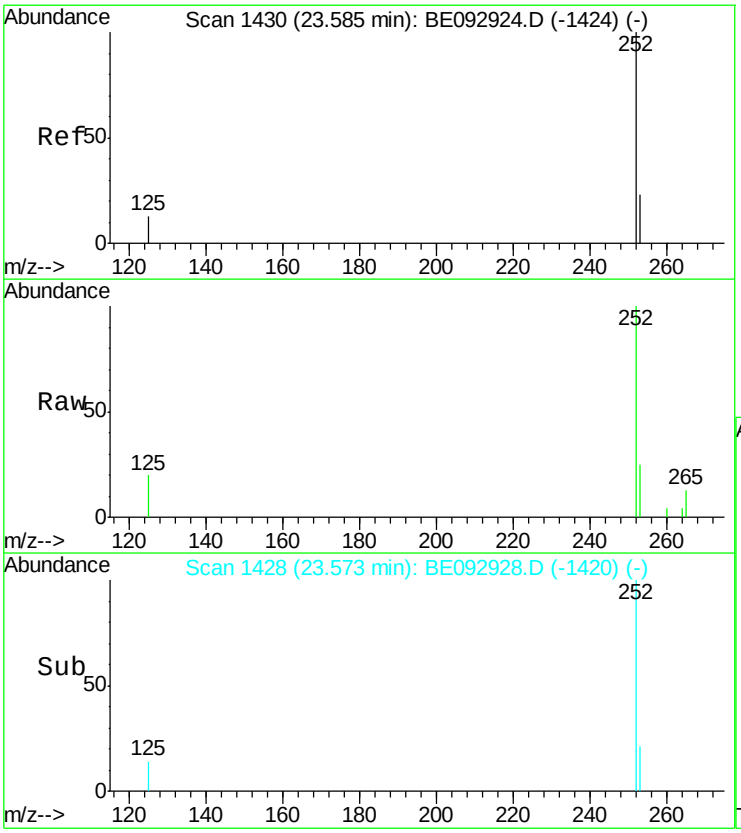
#35
Benzo(k)fluoranthene
Concen: 0.40 ng
RT: 23.00 min Scan# 1378
Delta R.T. 0.00 min
Lab File: BE092928.D
Acq: 5 May 2017 13:33

Instrument :
BNA_E
ClientSampleId :
ICVBE050517

Tgt Ion:252 Resp: 3268

Ion	Ratio	Lower	Upper
252	100		
253	23.4	25.8	38.8#
125	16.1	22.9	34.3#

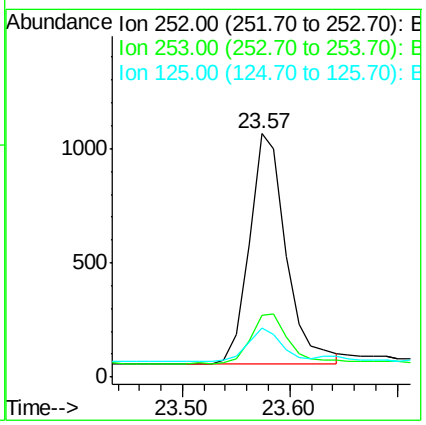


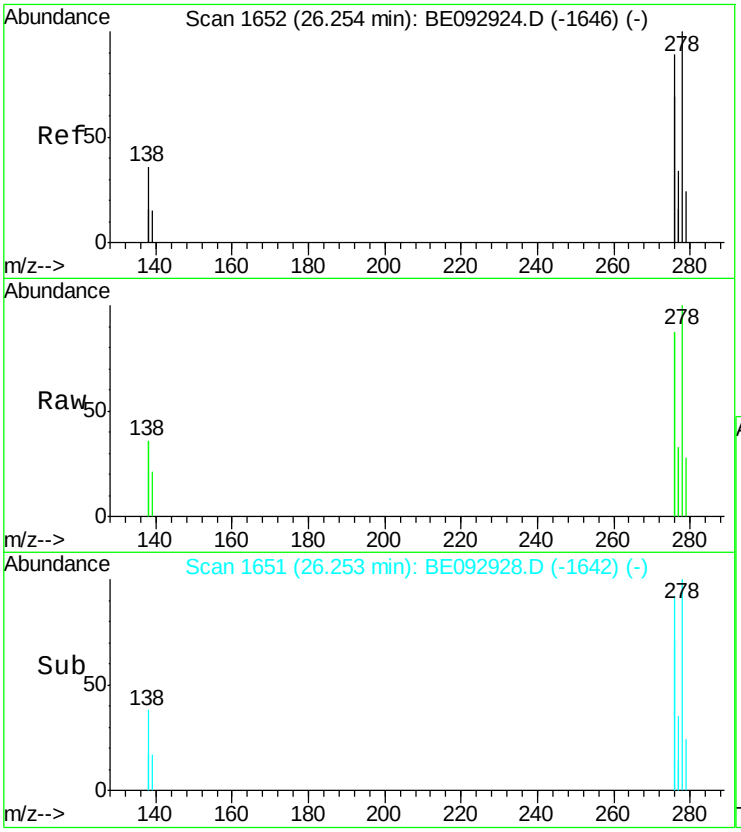


#36
Benzo(a)pyrene
Concen: 0.36 ng
RT: 23.57 min Scan# 1428
Delta R.T. -0.01 min
Lab File: BE092928.D
Acq: 5 May 2017 13:33

Tgt Ion:252 Resp: 2398

Ion	Ratio	Lower	Upper
252	100		
253	25.1	31.3	46.9#
125	19.9	26.4	39.6#



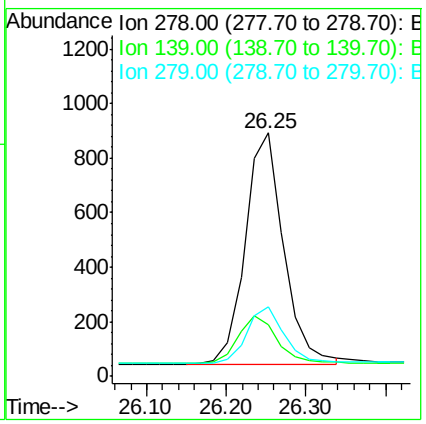


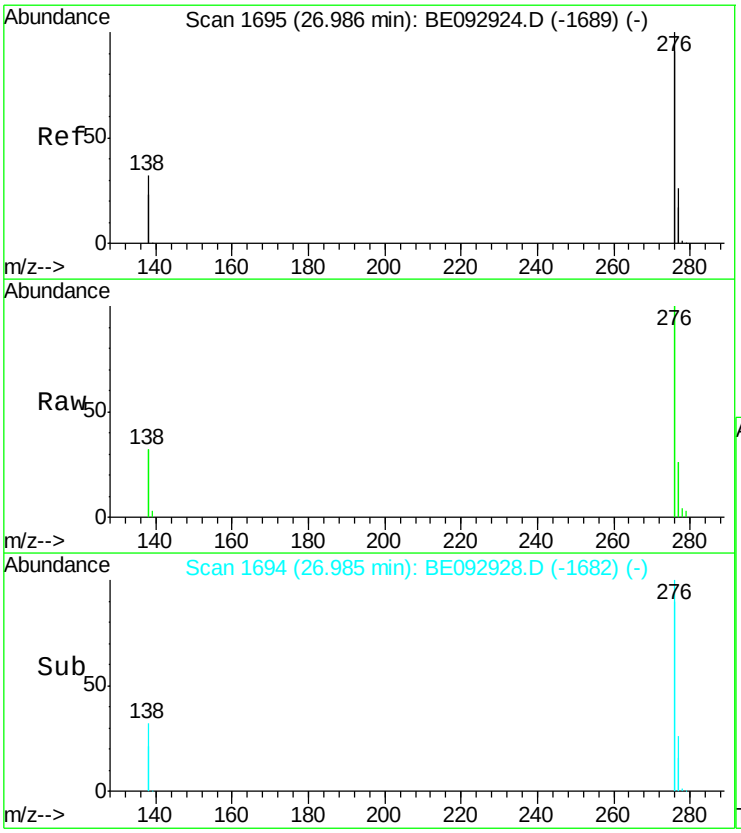
#37
Dibenzo(a,h)anthracene
Concen: 0.38 ng
RT: 26.25 min Scan# 1651
Delta R.T. -0.00 min
Lab File: BE092928.D
Acq: 5 May 2017 13:33

Instrument :
BNA_E
ClientSampleId :
ICVBE050517

Tgt Ion:278 Resp: 2848

Ion	Ratio	Lower	Upper
278	100		
139	21.1	27.4	41.2#
279	28.3	33.3	49.9#





#38
Benzo(g,h,i)perylene
Concen: 0.40 ng
RT: 26.99 min Scan# 1694
Delta R.T. -0.00 min
Lab File: BE092928.D
Acq: 5 May 2017 13:33

Tgt Ion:276 Resp: 12674

Ion	Ratio	Lower	Upper
276	100		
277	26.1	29.9	44.9#
138	31.7	34.6	51.8#