Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE092316\
Data File : BE092418.D
Acq On : 23 Sep 2016 16:45
Operator : UM/SJ
Sample : H4803-05DL 10X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : PT-BN-WPDL

Quant Time: Sep 23 18:47:35 2016
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE092216.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 22 18:25:56 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	11148	5.00	ng		-0.02
7) Naphthalene-d8	10.95	136	52457	5.00	ng		0.00
12) Acenaphthene-d10	14.81	164	35924	5.00	ng		0.00
18) Phenanthrene-d10	17.58	188	78236	5.00	ng		0.02
24) Chrysene-d12	21.75	240	106791	5.00	ng		0.00
31) Perylene-d12	24.12	264	93067	5.00	ng		0.03
System Monitoring Compounds							
4) 2-Fluorophenol	5.66	112	24999	9.48	ng		-0.02
5) Phenol-d6	7.34	99	33646	8.95	ng		-0.02
8) Nitrobenzene-d5	9.34	82	21877	5.78	ng		-0.02
13) 2,4,6-Tribromophenol	16.31	330	11621	9.10	ng		-0.01
14) 2-Fluorobiphenyl	13.43	172	59428	6.99	ng		-0.01
26) Terphenyl-d14	20.17	244	88701	6.70	ng		0.00
Target Compounds							Qvalue
6) bis(2-Chloroethyl)ether	7.59	93	34242	11.48	ng	#	27
9) Naphthalene	10.99	128	16025	1.41	ng	#	96
10) Hexachlorobutadiene	11.28	225	10183	5.70	ng		99
11) 2-Methylnaphthalene	12.62	142	40092	5.33	ng		94
15) Acenaphthylene	14.52	152	645309	12.40	ng		100
16) Acenaphthene	14.88	154	41762	5.13	ng		92
17) Fluorene	15.87	166	135231	13.09	ng		100
19) Hexachlorobenzene	16.89	284	22951	6.85	ng	#	65
22) Anthracene	17.69	178	84464	4.89	ng		99
23) Fluoranthene	19.61	202	1101332	12.89	ng		99
27) Benzo(a)anthracene	21.72	228	354900m	3.41	ng		
28) Chrysene	21.77	228	594318m	6.24	ng		
29) Bis(2-ethylhexyl)phthalate	21.63	149	34983	3.90	ng	#	56
30) Indeno(1,2,3-cd)pyrene	26.61	276	438554	4.34	ng		95
32) Benzo(b)fluoranthene	23.38	252	122822	5.45	ng		95
34) Benzo(a)pyrene	24.01	252	223690	10.13	ng	#	94
36) Benzo(g,h,i)perylene	27.38	276	771655	8.87	ng		98

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

Quantitation Report (QT Reviewed)

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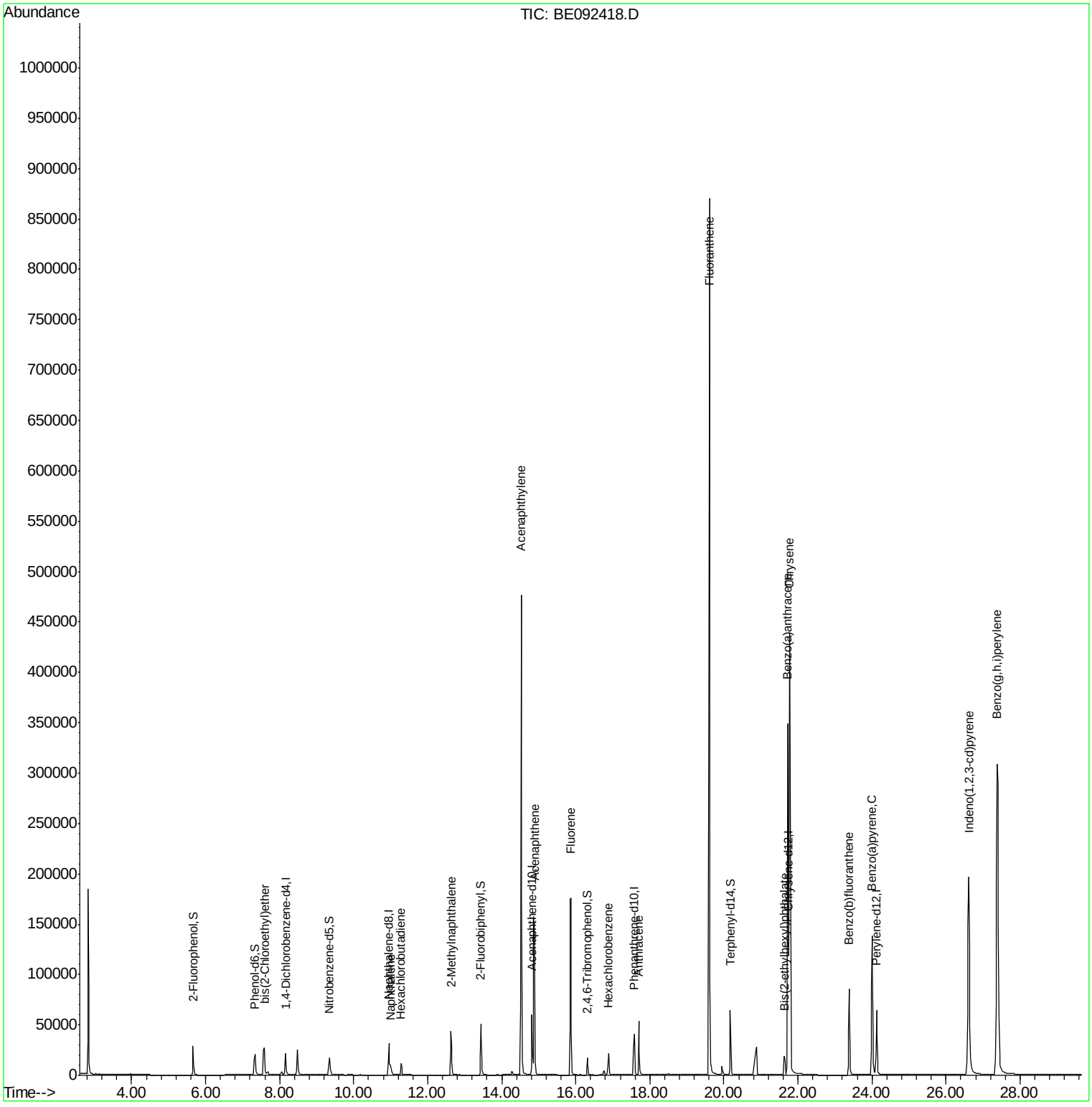
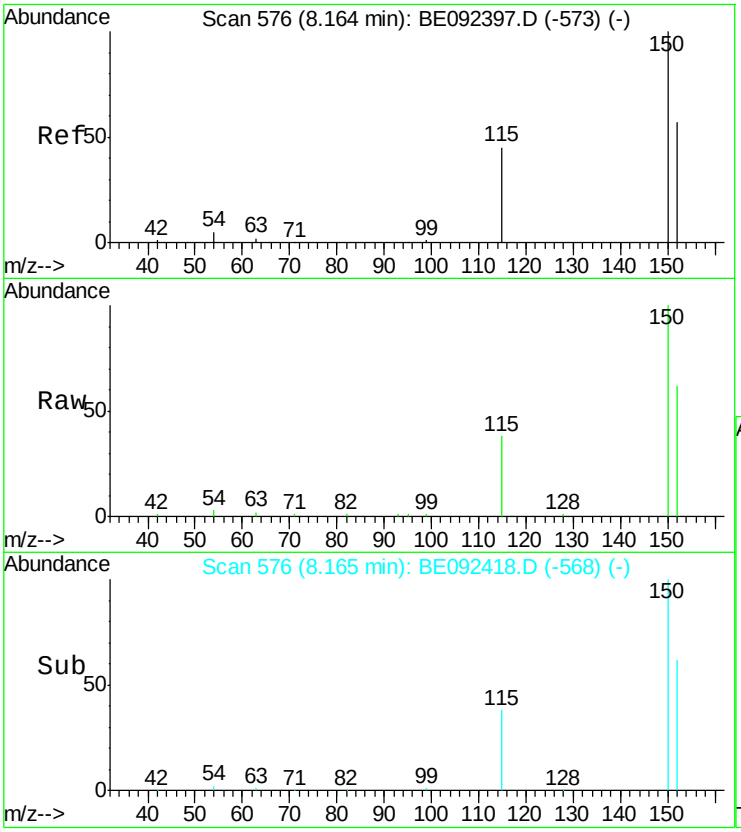


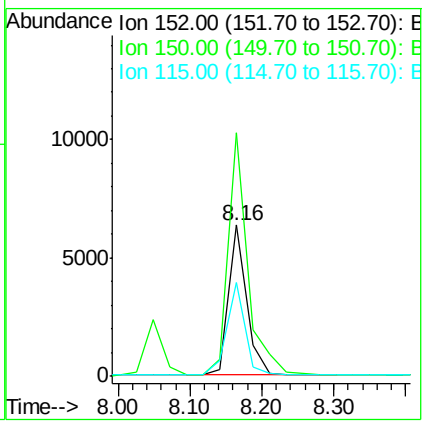


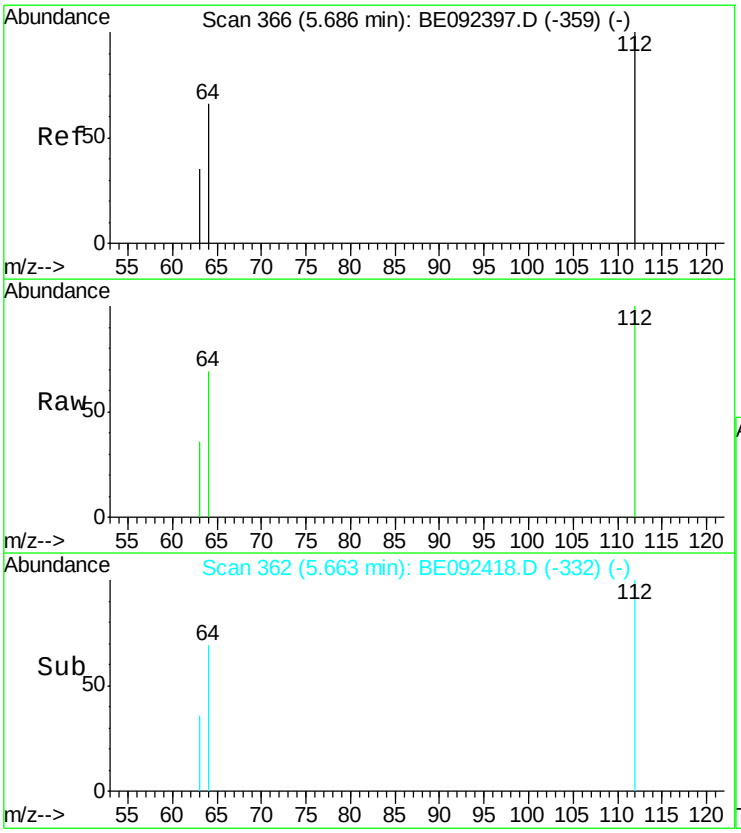
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 8.16 min Scan# 576
Delta R.T. -0.02 min
Lab File: BE092418.D
Acq: 23 Sep 2016 16:45

Instrument :
BNA_E
ClientSampleId :
PT-BN-WPDL

Tgt Ion:152 Resp: 11148

Ion	Ratio	Lower	Upper
152	100		
150	160.9	106.0	159.0#
115	61.9	31.2	46.8#

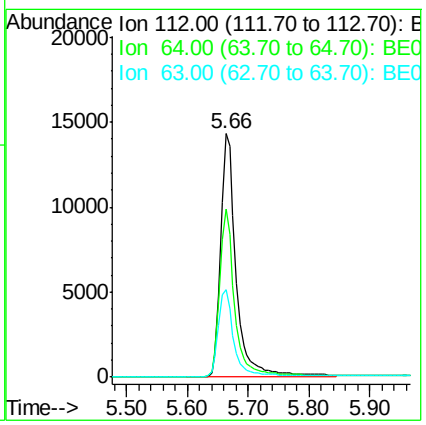


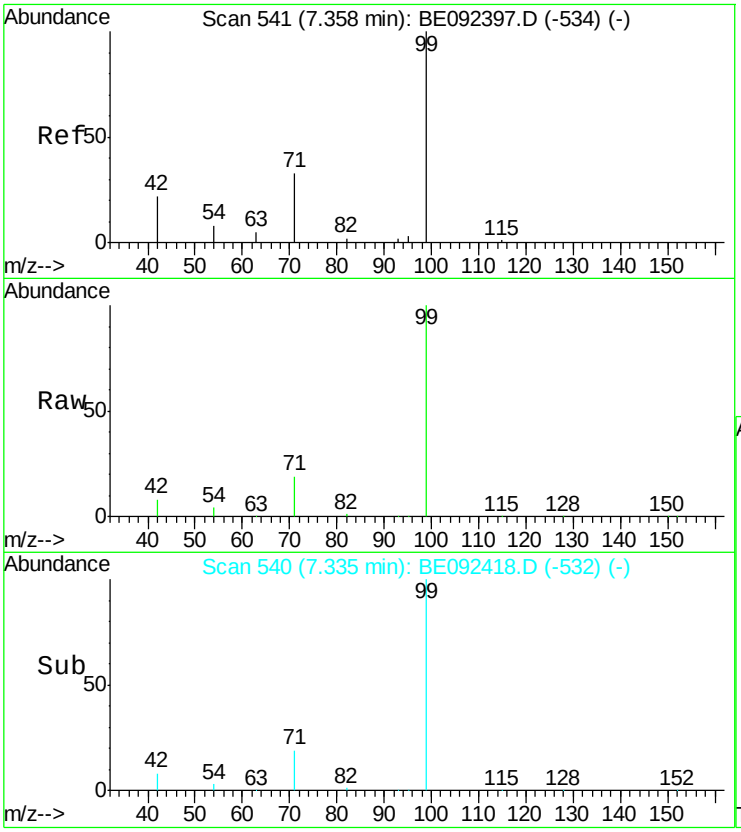


#4
2-Fluorophenol
Concen: 9.48 ng
RT: 5.66 min Scan# 362
Delta R.T. -0.02 min
Lab File: BE092418.D
Acq: 23 Sep 2016 16:45

Tgt Ion:112 Resp: 24999

Ion	Ratio	Lower	Upper
112	100		
64	67.1	53.5	80.3
63	35.7	27.9	41.9



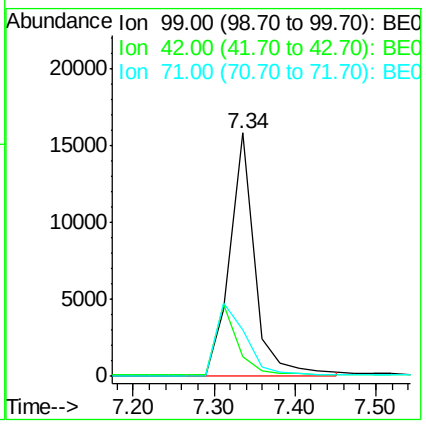


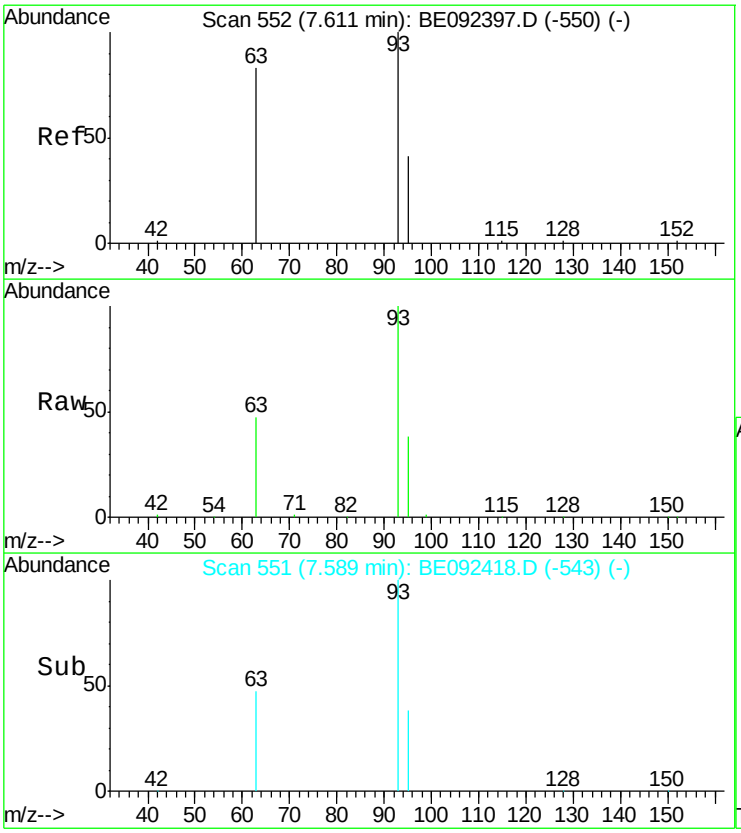
#5
Phenol-d6
Concen: 8.95 ng
RT: 7.34 min Scan# 540
Delta R.T. -0.02 min
Lab File: BE092418.D
Acq: 23 Sep 2016 16:45

Instrument :
BNA_E
ClientSampleId :
PT-BN-WPDL

Tgt Ion: 99 Resp: 33646

Ion	Ratio	Lower	Upper
99	100		
42	0.0	16.0	24.0#
71	0.0	30.6	45.8#

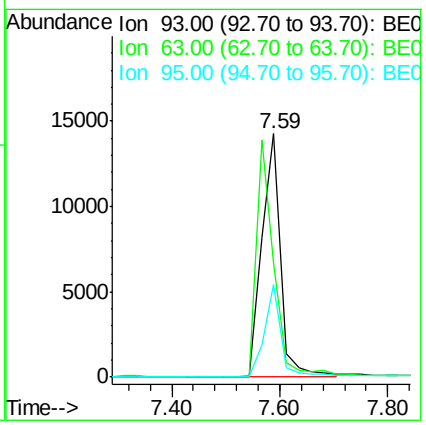


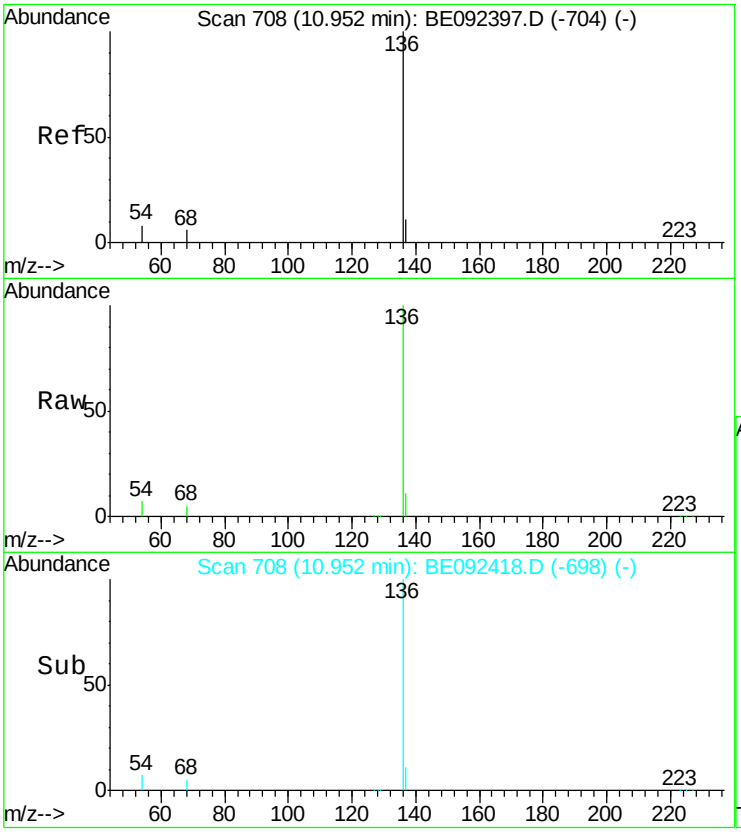


#6
bis(2-Chloroethyl)ether
Concen: 11.48 ng
RT: 7.59 min Scan# 551
Delta R.T. -0.02 min
Lab File: BE092418.D
Acq: 23 Sep 2016 16:45

Tgt Ion: 93 Resp: 34242

Ion	Ratio	Lower	Upper
93	100		
63	0.0	71.6	107.4#
95	33.1	24.0	36.0



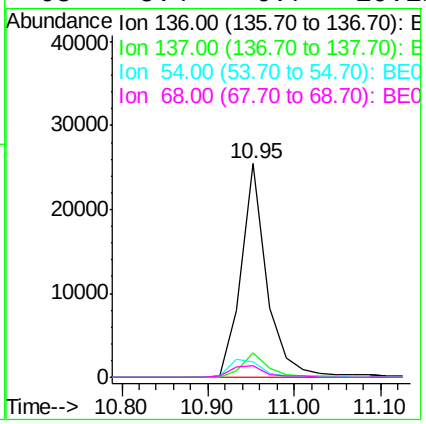


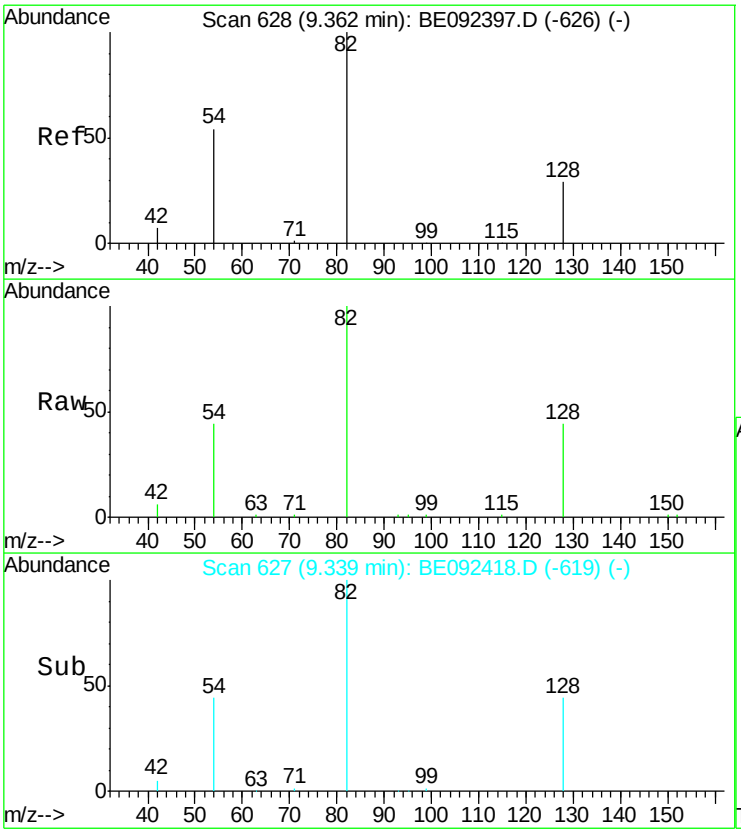
#7
Naphthalene-d8
Concen: 5.00 ng
RT: 10.95 min Scan# 708
Delta R.T. 0.00 min
Lab File: BE092418.D
Acq: 23 Sep 2016 16:45

Instrument :
BNA_E
ClientSampleId :
PT-BN-WPDL

Tgt Ion:136 Resp: 52457

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.2	12.4
54	7.1	9.6	14.4#
68	5.4	6.7	10.1#

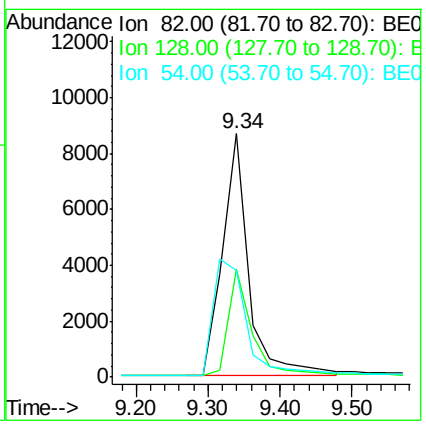


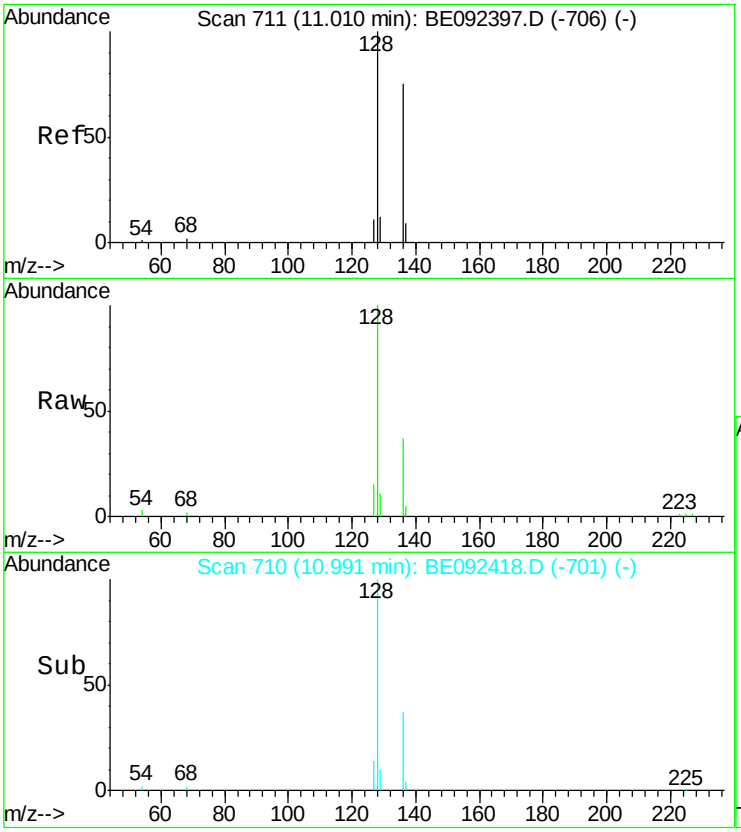


#8
Nitrobenzene-d5
Concen: 5.78 ng
RT: 9.34 min Scan# 627
Delta R.T. -0.02 min
Lab File: BE092418.D
Acq: 23 Sep 2016 16:45

Tgt Ion: 82 Resp: 21877

Ion	Ratio	Lower	Upper
82	100		
128	44.1	39.0	58.4
54	44.0	44.8	67.2#



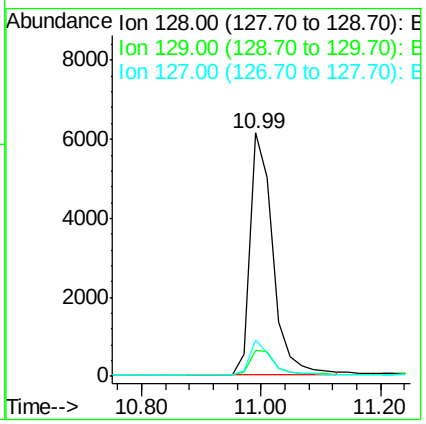


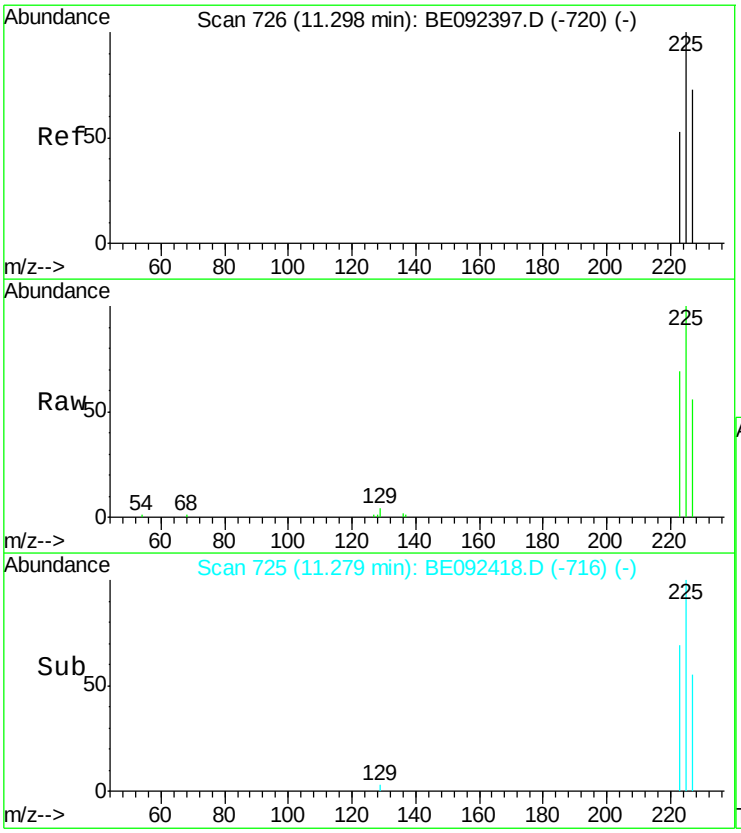
#9
Naphthalene
Concen: 1.41 ng
RT: 10.99 min Scan# 710
Delta R.T. -0.02 min
Lab File: BE092418.D
Acq: 23 Sep 2016 16:45

Instrument :
BNA_E
ClientSampleId :
PT-BN-WPDL

Tgt Ion:128 Resp: 16025

Ion	Ratio	Lower	Upper
128	100		
129	10.9	11.2	16.8#
127	14.7	11.6	17.4

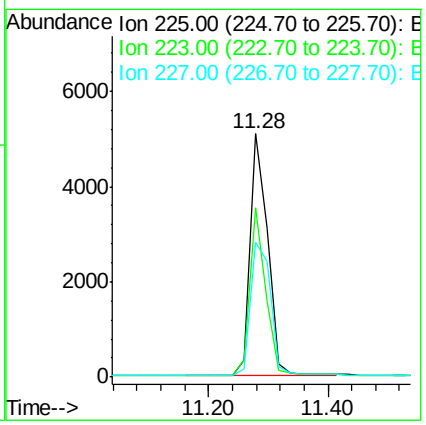


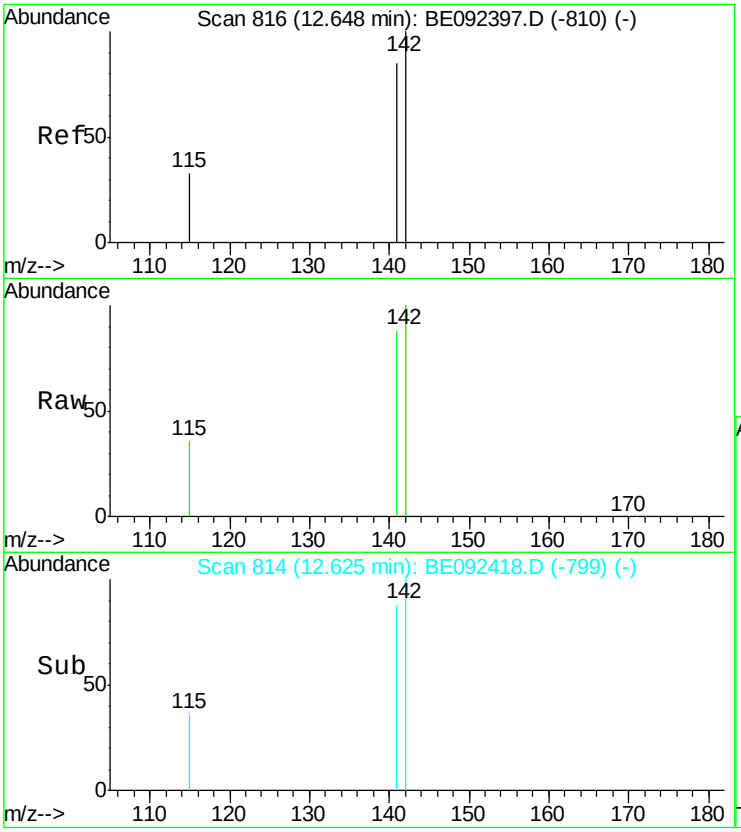


#10
Hexachlorobutadiene
Concen: 5.70 ng
RT: 11.28 min Scan# 725
Delta R.T. -0.02 min
Lab File: BE092418.D
Acq: 23 Sep 2016 16:45

Tgt Ion:225 Resp: 10183

Ion	Ratio	Lower	Upper
225	100		
223	63.1	50.6	76.0
227	63.3	51.4	77.0



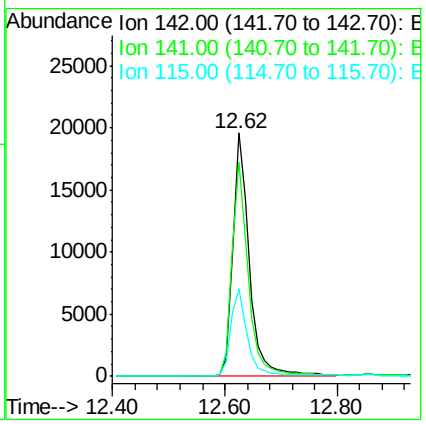


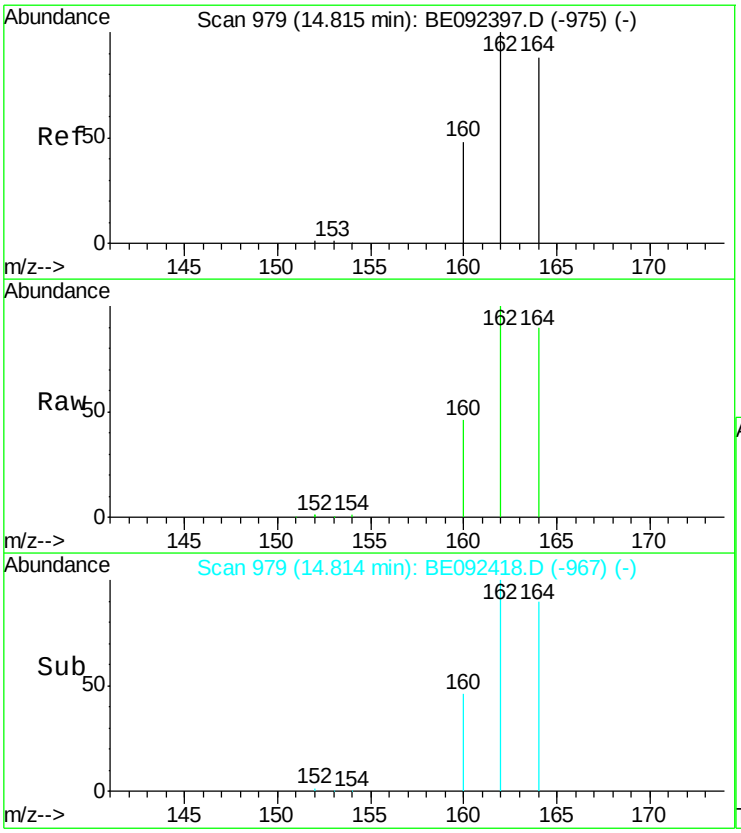
#11
2-Methylnaphthalene
Concen: 5.33 ng
RT: 12.62 min Scan# 814
Delta R.T. -0.02 min
Lab File: BE092418.D
Acq: 23 Sep 2016 16:45

Instrument :
BNA_E
ClientSampleId :
PT-BN-WPDL

Tgt Ion:142 Resp: 40092

Ion	Ratio	Lower	Upper
142	100		
141	88.0	73.7	110.5
115	35.8	34.0	51.0

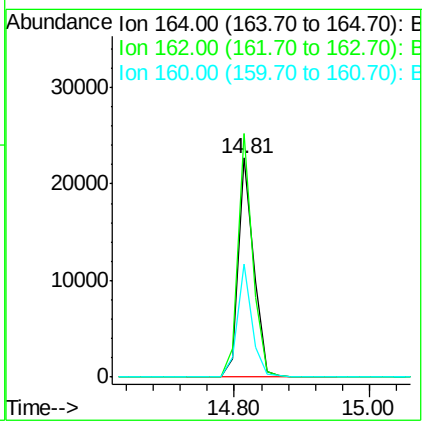


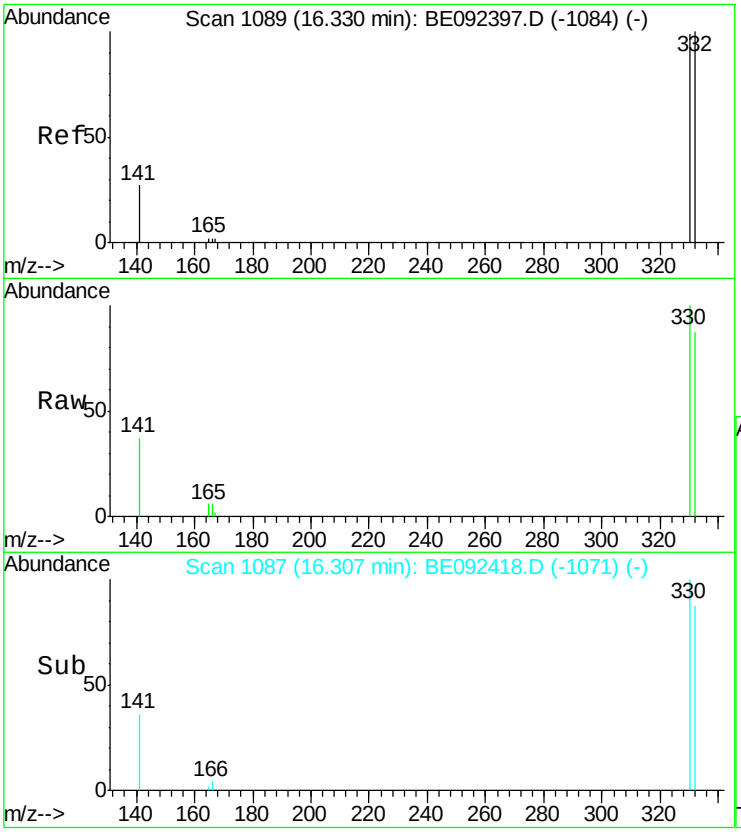


#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.81 min Scan# 979
Delta R.T. -0.00 min
Lab File: BE092418.D
Acq: 23 Sep 2016 16:45

Tgt Ion:164 Resp: 35924

Ion	Ratio	Lower	Upper
164	100		
162	111.3	71.4	107.0#
160	51.4	27.4	41.2#



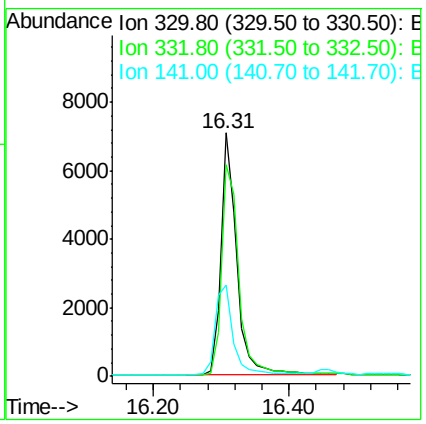


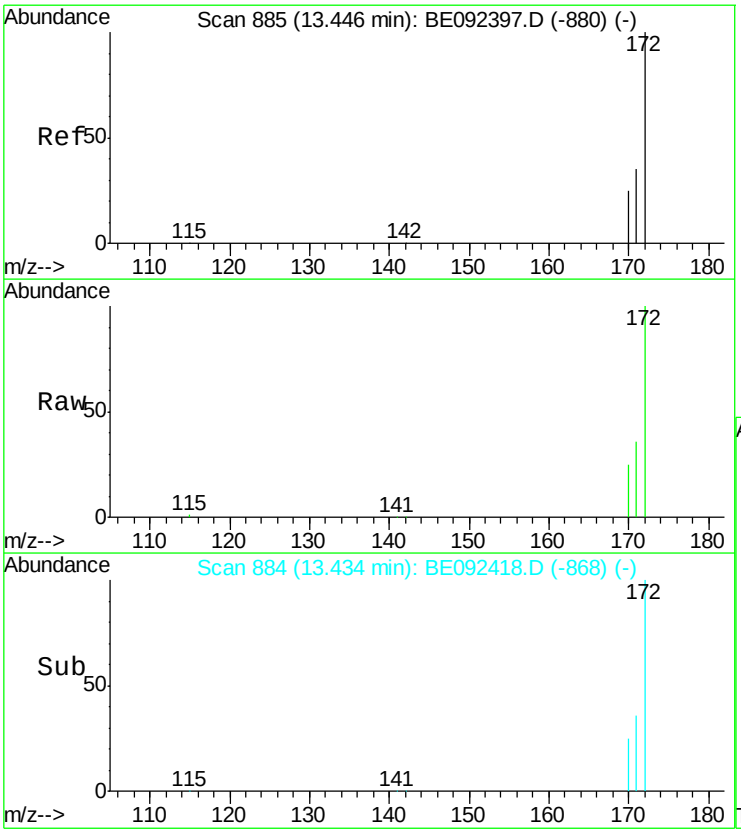
#13
2,4,6-Tribromophenol
Concen: 9.10 ng
RT: 16.31 min Scan# 1087
Delta R.T. -0.01 min
Lab File: BE092418.D
Acq: 23 Sep 2016 16:45

Instrument :
BNA_E
ClientSampleId :
PT-BN-WPDL

Tgt Ion:330 Resp: 11621

Ion	Ratio	Lower	Upper
330	100		
332	95.7	75.4	113.0
141	41.3	31.0	46.6

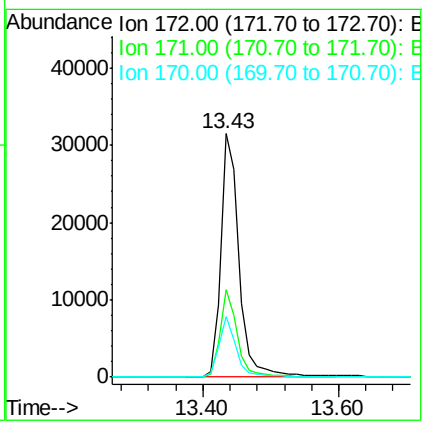


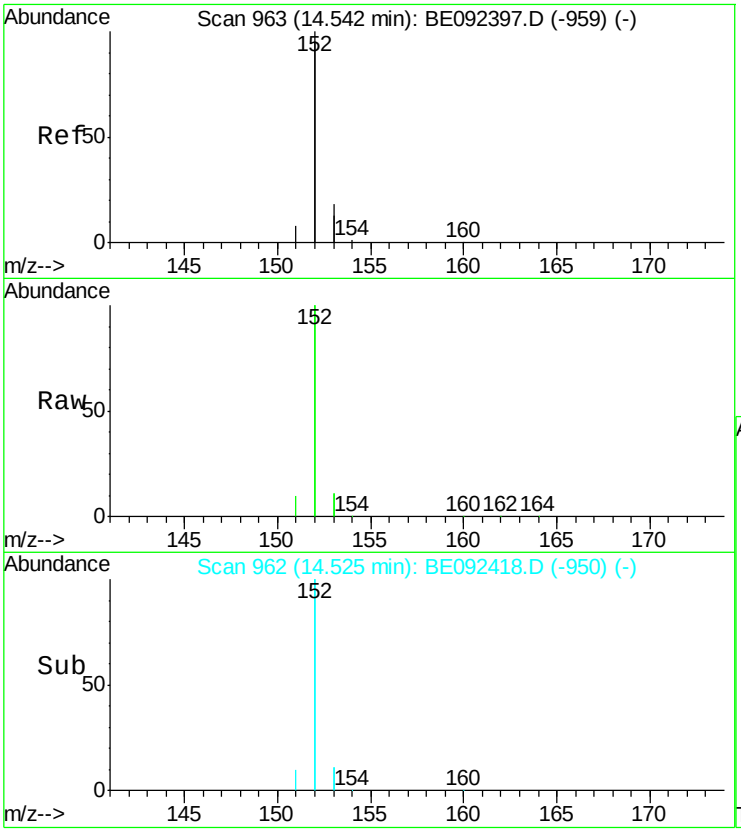


#14
2-Fluorobiphenyl
Concen: 6.99 ng
RT: 13.43 min Scan# 884
Delta R.T. -0.01 min
Lab File: BE092418.D
Acq: 23 Sep 2016 16:45

Tgt Ion:172 Resp: 59428

Ion	Ratio	Lower	Upper
172	100		
171	35.8	30.1	45.1
170	24.7	21.8	32.6



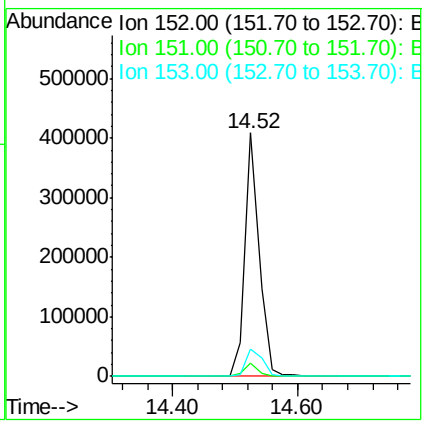


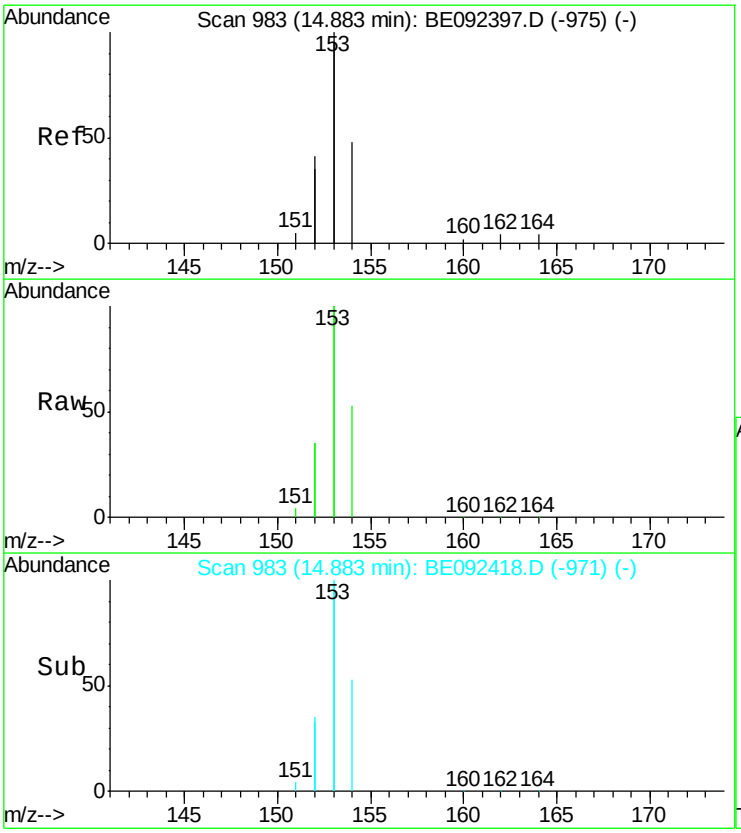
#15
Acenaphthylene
Concen: 12.40 ng
RT: 14.52 min Scan# 962
Delta R.T. -0.00 min
Lab File: BE092418.D
Acq: 23 Sep 2016 16:45

Instrument :
BNA_E
ClientSampleId :
PT-BN-WPDL

Tgt Ion:152 Resp: 645309

Ion	Ratio	Lower	Upper
152	100		
151	5.0	3.9	5.9
153	13.1	10.4	15.6

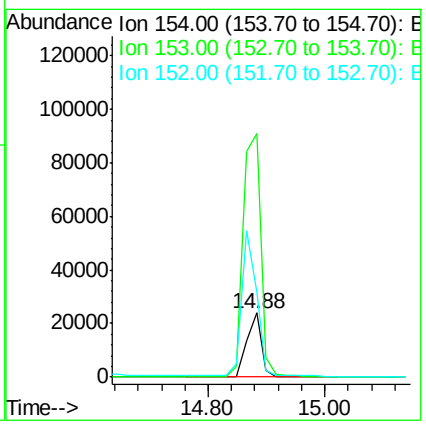


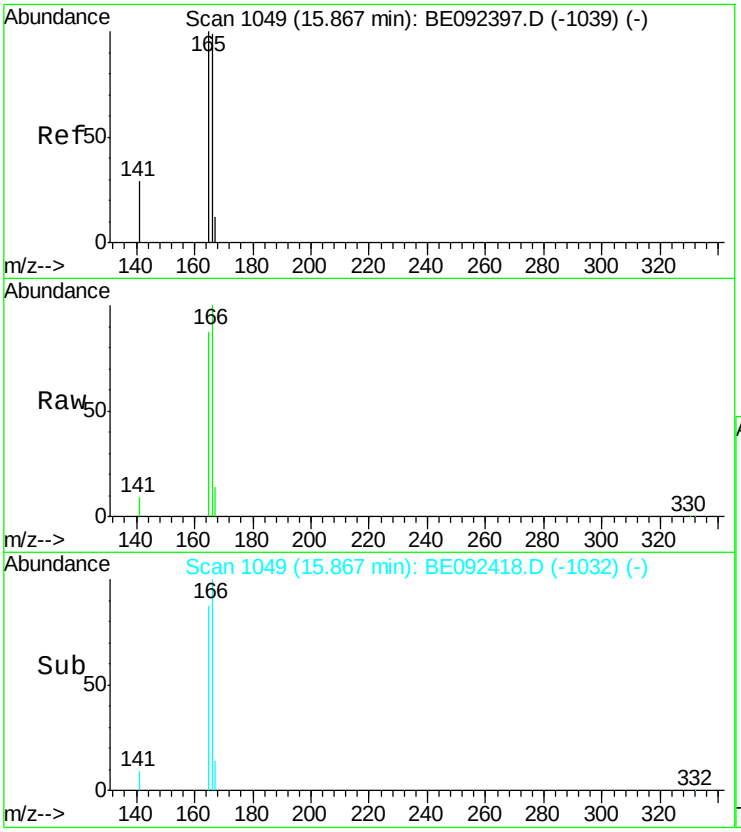


#16
Acenaphthene
Concen: 5.13 ng
RT: 14.88 min Scan# 983
Delta R.T. -0.00 min
Lab File: BE092418.D
Acq: 23 Sep 2016 16:45

Tgt Ion:154 Resp: 41762

Ion	Ratio	Lower	Upper
154	100		
153	458.2	350.8	526.2
152	228.1	171.1	256.7



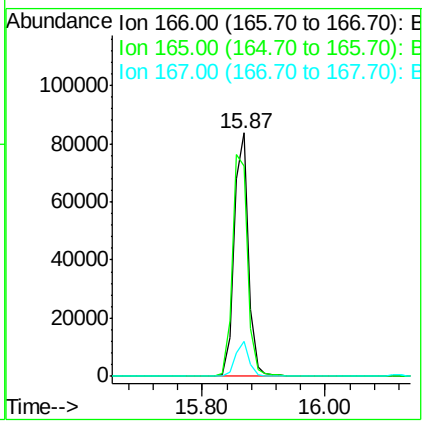


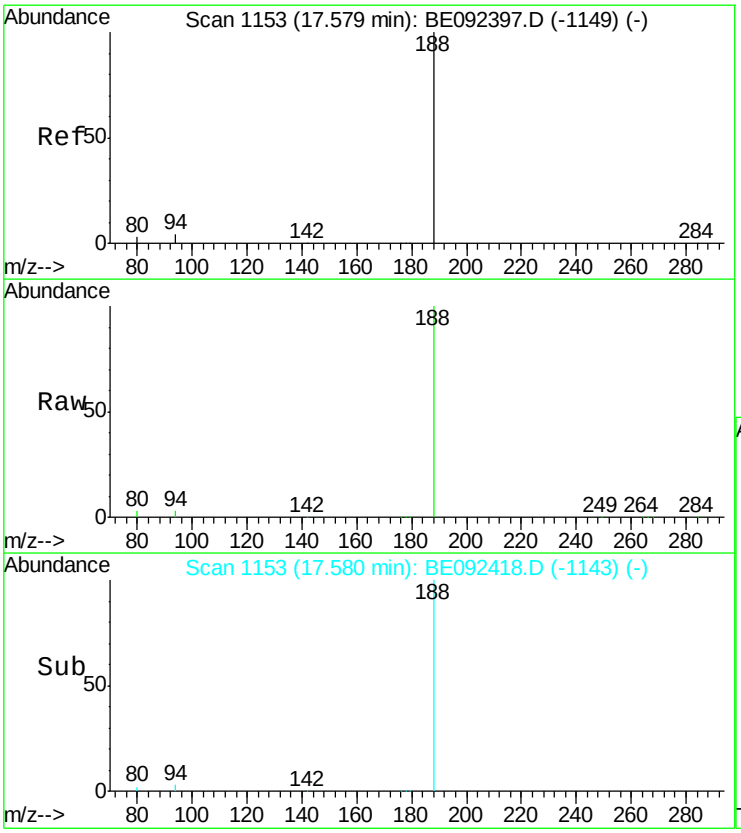
#17
Fluorene
Concen: 13.09 ng
RT: 15.87 min Scan# 1049
Delta R.T. -0.00 min
Lab File: BE092418.D
Acq: 23 Sep 2016 16:45

Instrument :
BNA_E
ClientSampleId :
PT-BN-WPDL

Tgt Ion:166 Resp: 135231

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

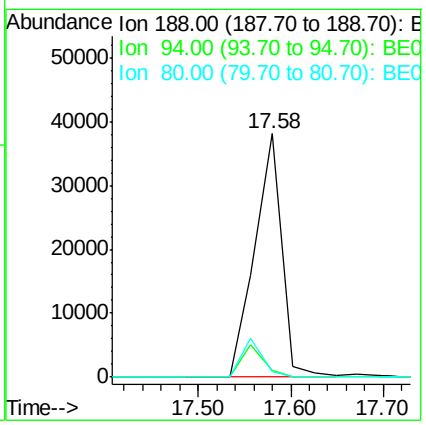


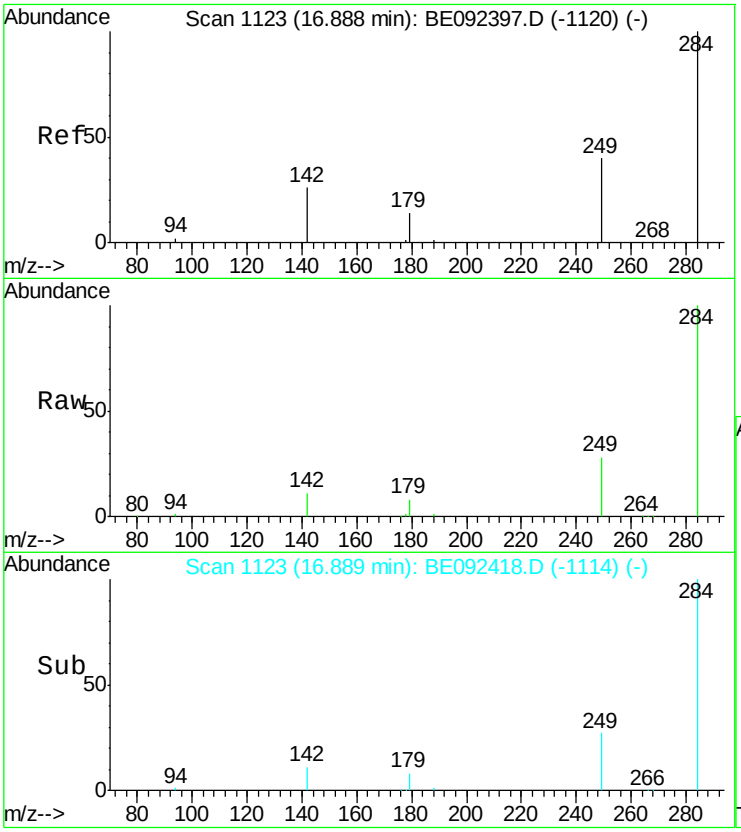


#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.58 min Scan# 1153
Delta R.T. 0.02 min
Lab File: BE092418.D
Acq: 23 Sep 2016 16:45

Tgt Ion:188 Resp: 78236

Ion	Ratio	Lower	Upper
188	100		
94	3.0	3.2	4.8#
80	2.5	2.6	3.8#



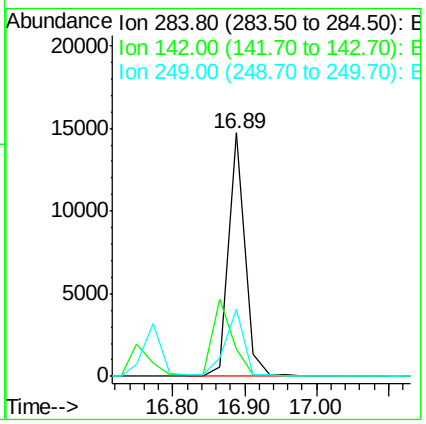


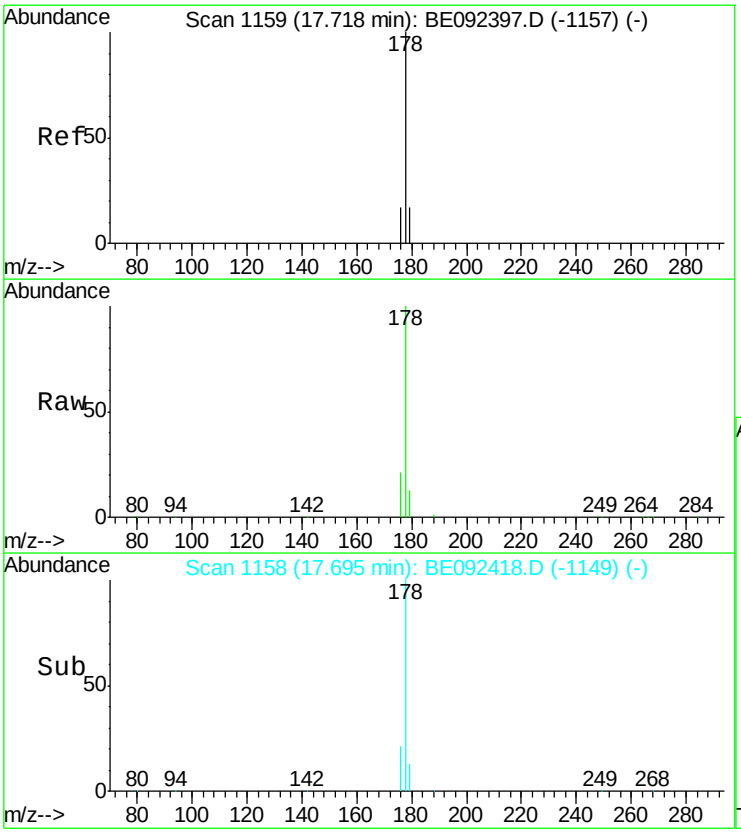
#19
Hexachlorobenzene
Concen: 6.85 ng
RT: 16.89 min Scan# 1123
Delta R.T. -0.00 min
Lab File: BE092418.D
Acq: 23 Sep 2016 16:45

Instrument :
BNA_E
ClientSampleId :
PT-BN-WPDL

Tgt Ion:284 Resp: 22951

Ion	Ratio	Lower	Upper
284	100		
142	0.0	29.1	43.7#
249	31.0	27.9	41.9

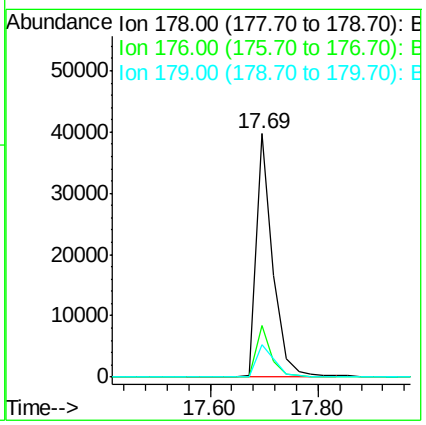


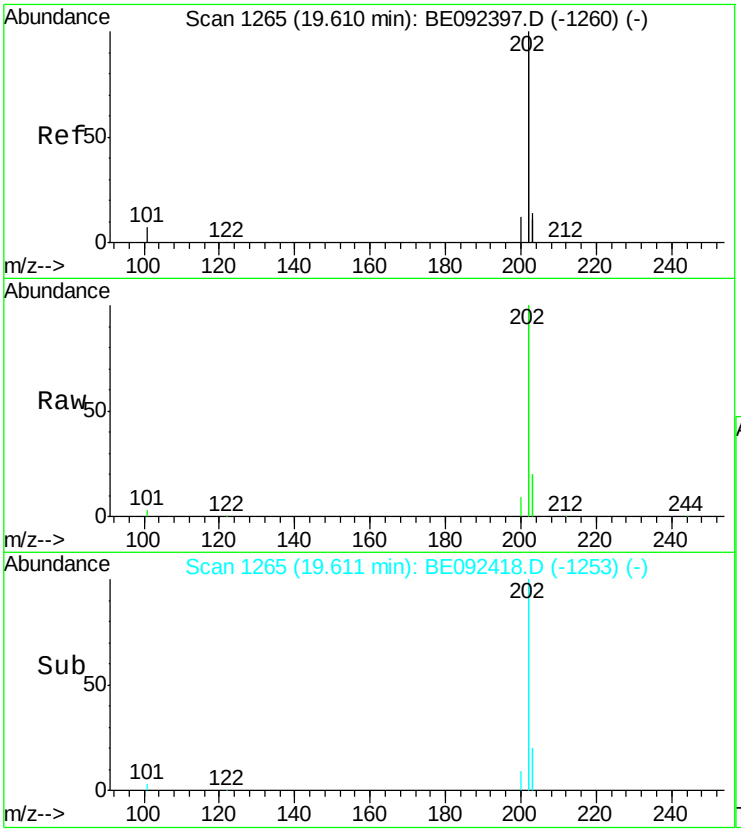


#22
Anthracene
Concen: 4.89 ng
RT: 17.69 min Scan# 1158
Delta R.T. -0.00 min
Lab File: BE092418.D
Acq: 23 Sep 2016 16:45

Tgt Ion:178 Resp: 84464

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.0	22.4
179	14.8	12.2	18.2



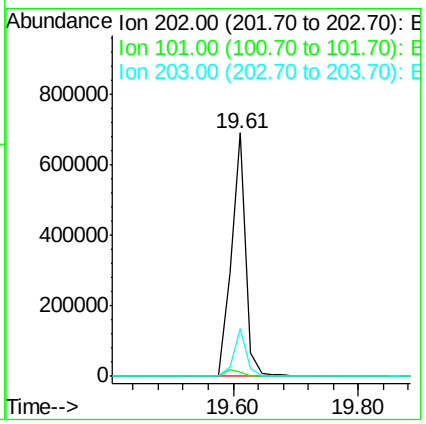


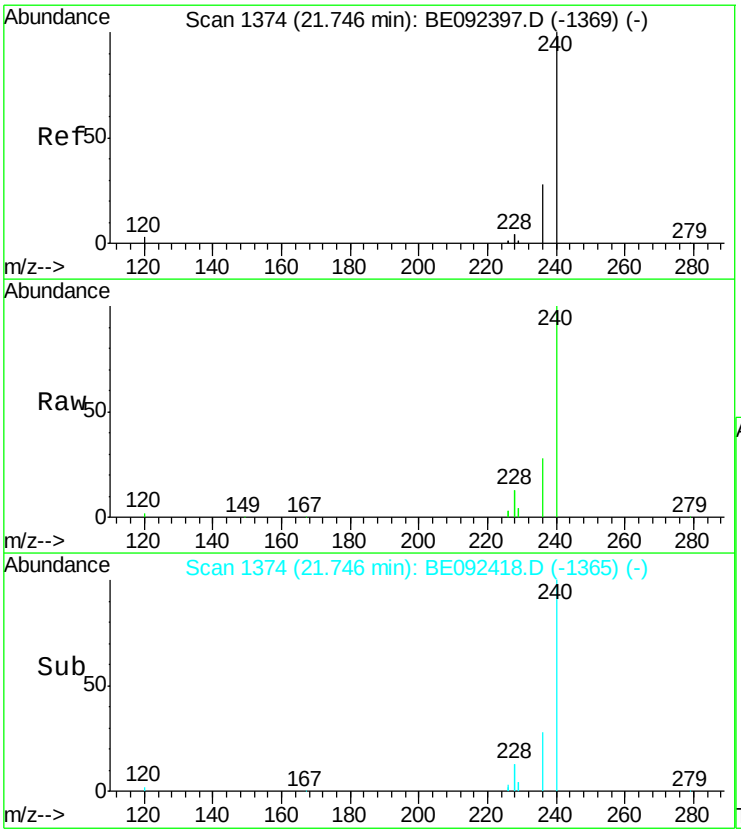
#23
Fluoranthene
Concen: 12.89 ng
RT: 19.61 min Scan# 1265
Delta R.T. 0.00 min
Lab File: BE092418.D
Acq: 23 Sep 2016 16:45

Instrument :
BNA_E
ClientSampleId :
PT-BN-WPDL

Tgt Ion:202 Resp: 1101332

Ion	Ratio	Lower	Upper
202	100		
101	3.0	2.2	3.4
203	17.8	13.7	20.5

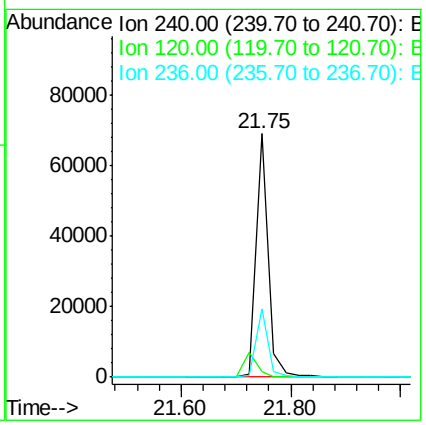


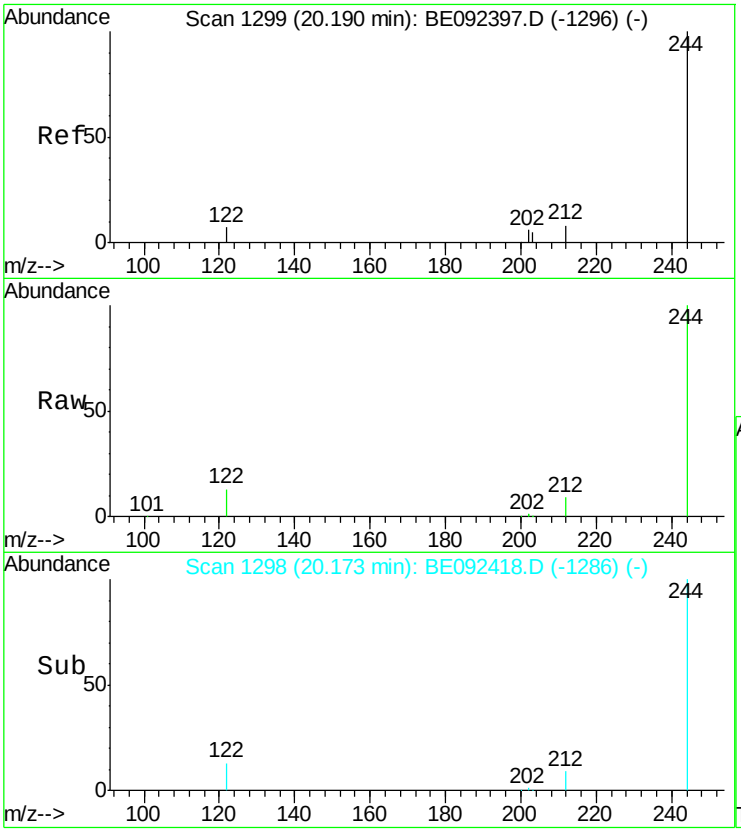


#24
Chrysene-d12
Concen: 5.00 ng
RT: 21.75 min Scan# 1374
Delta R.T. -0.00 min
Lab File: BE092418.D
Acq: 23 Sep 2016 16:45

Tgt Ion:240 Resp: 106791

Ion	Ratio	Lower	Upper
240	100		
120	2.4	2.6	4.0#
236	27.9	24.6	37.0



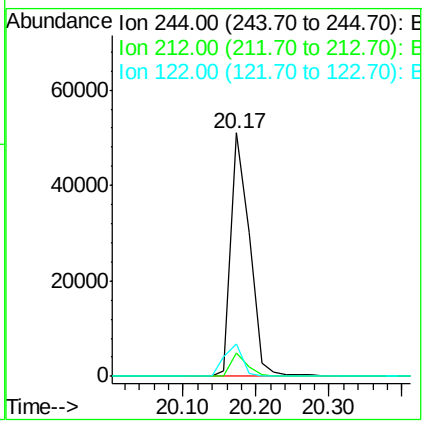


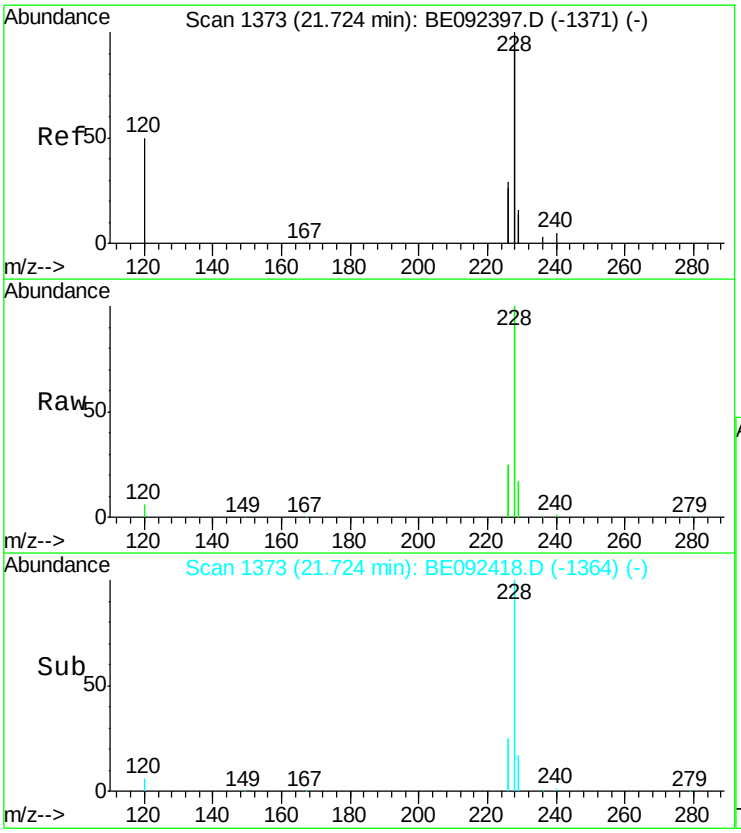
#26
Terphenyl-d14
Concen: 6.70 ng
RT: 20.17 min Scan# 1298
Delta R.T. 0.00 min
Lab File: BE092418.D
Acq: 23 Sep 2016 16:45

Instrument :
BNA_E
ClientSampleId :
PT-BN-WPDL

Tgt Ion:244 Resp: 88701

Ion	Ratio	Lower	Upper
244	100		
212	9.5	6.7	10.1
122	13.2	3.6	5.4#

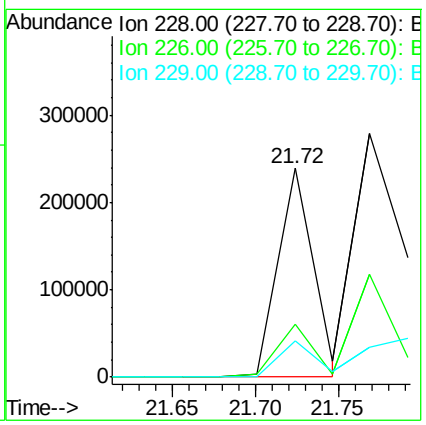


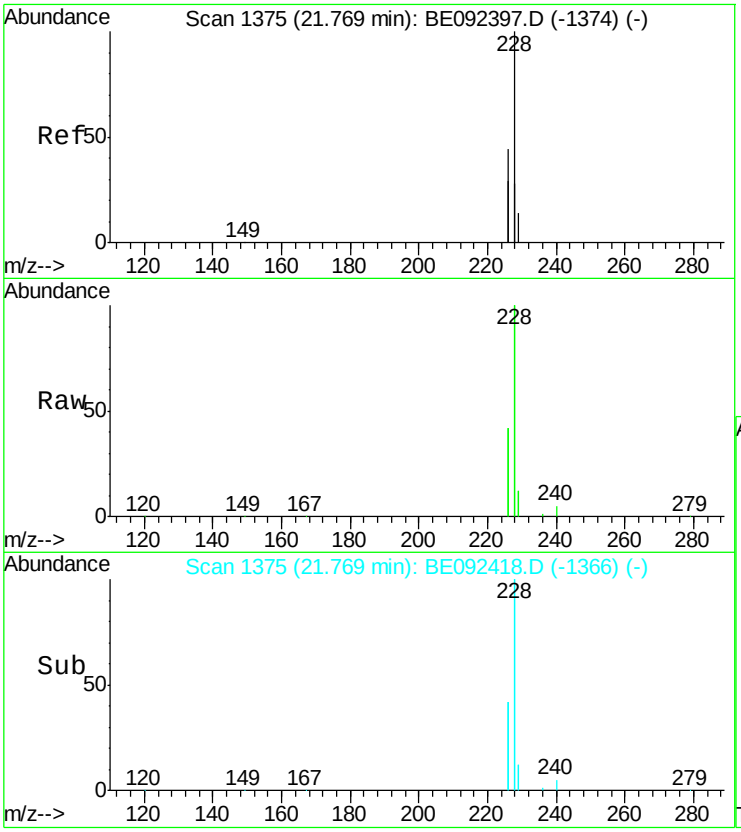


#27
Benzo(a)anthracene
Concen: 3.41 ng m
RT: 21.72 min Scan# 1373
Delta R.T. -0.00 min
Lab File: BE092418.D
Acq: 23 Sep 2016 16:45

Tgt Ion:228 Resp: 354900

Ion	Ratio	Lower	Upper
228	100		
226	25.3	23.6	35.4
229	17.1	13.3	19.9



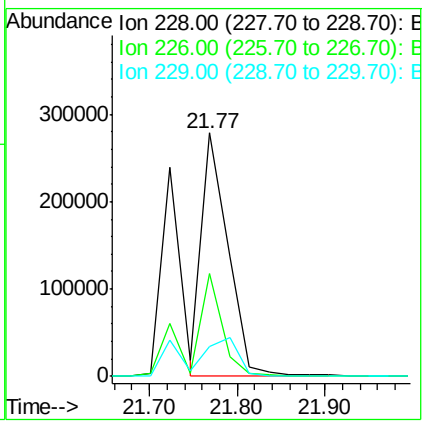


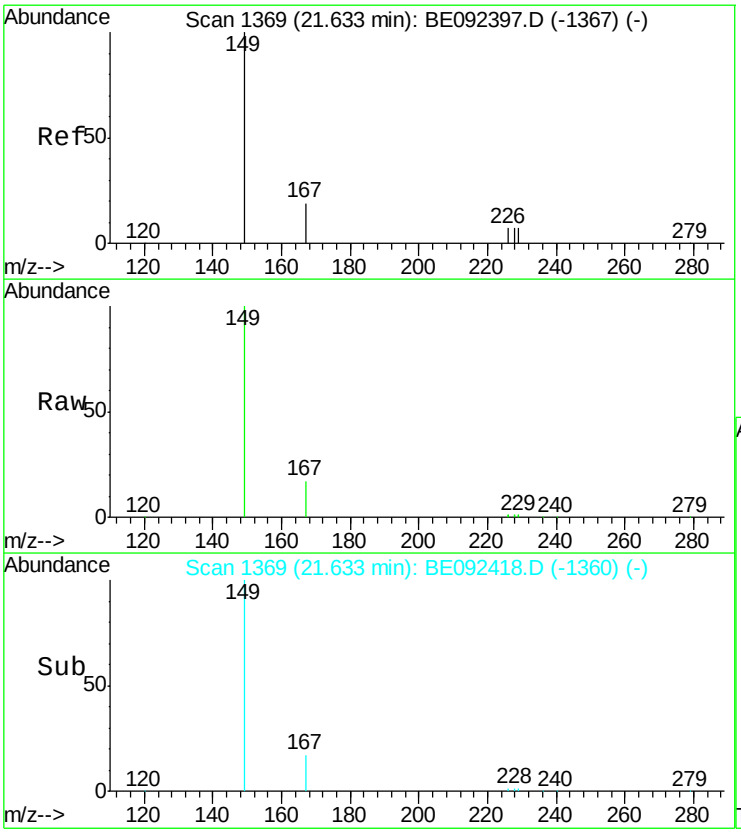
#28
Chrysene
Concen: 6.24 ng m
RT: 21.77 min Scan# 1375
Delta R.T. 0.00 min
Lab File: BE092418.D
Acq: 23 Sep 2016 16:45

Instrument :
BNA_E
ClientSampleId :
PT-BN-WPDL

Tgt Ion:228 Resp: 594318

Ion	Ratio	Lower	Upper
228	100		
226	42.1	36.3	54.5
229	12.1	10.6	16.0

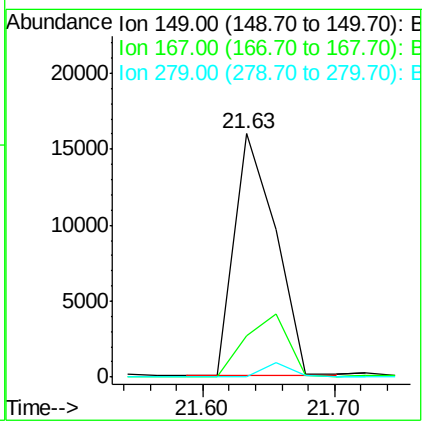


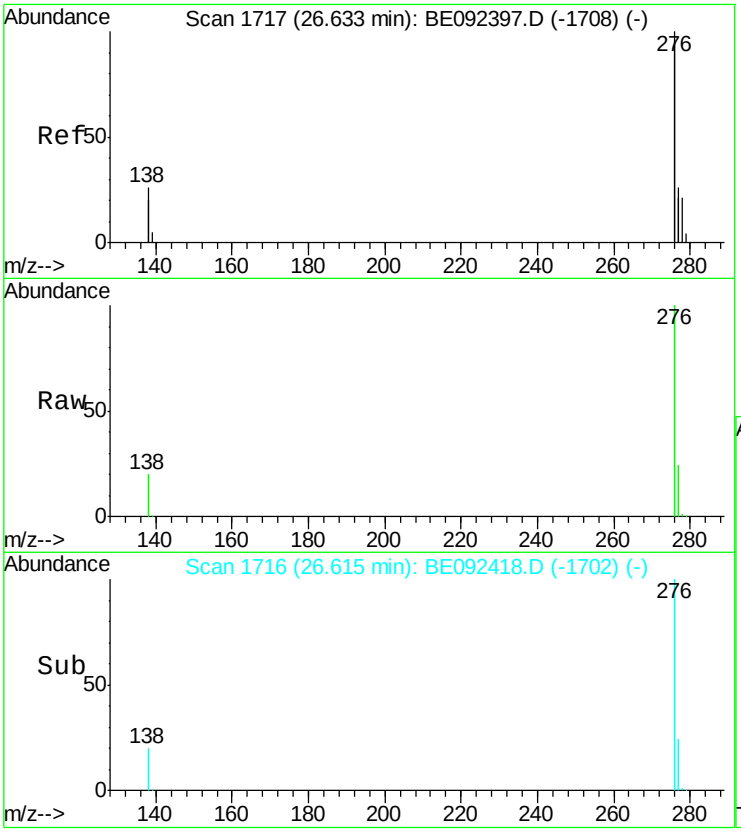


#29
Bis(2-ethylhexyl)phthalate
Concen: 3.90 ng
RT: 21.63 min Scan# 1369
Delta R.T. 0.00 min
Lab File: BE092418.D
Acq: 23 Sep 2016 16:45

Tgt Ion:149 Resp: 34983

Ion	Ratio	Lower	Upper
149	100		
167	0.0	16.0	24.0#
279	0.0	16.0	24.0#



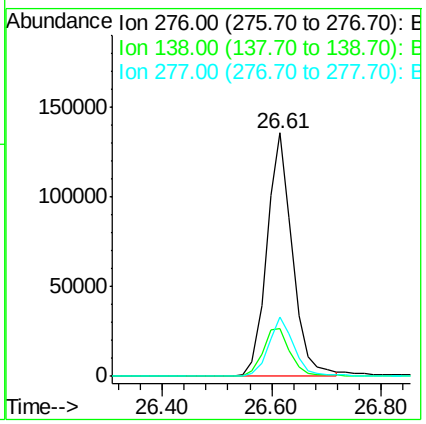


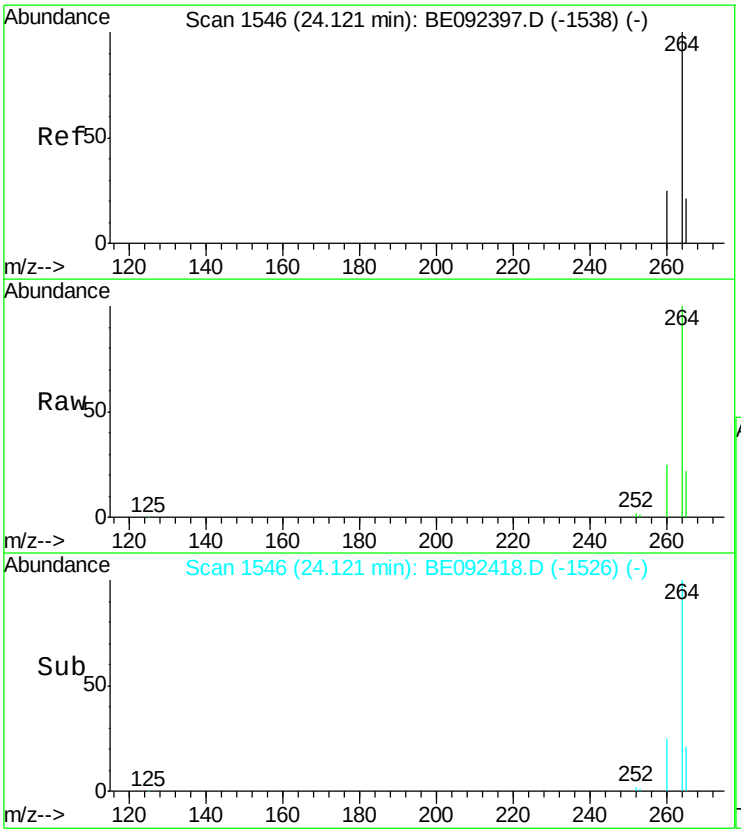
#30
Indeno(1,2,3-cd)pyrene
Concen: 4.34 ng
RT: 26.61 min Scan# 1716
Delta R.T. 0.03 min
Lab File: BE092418.D
Acq: 23 Sep 2016 16:45

Instrument :
BNA_E
ClientSampleId :
PT-BN-WPDL

Tgt Ion:276 Resp: 438554

Ion	Ratio	Lower	Upper
276	100		
138	21.3	20.3	30.5
277	23.8	19.7	29.5

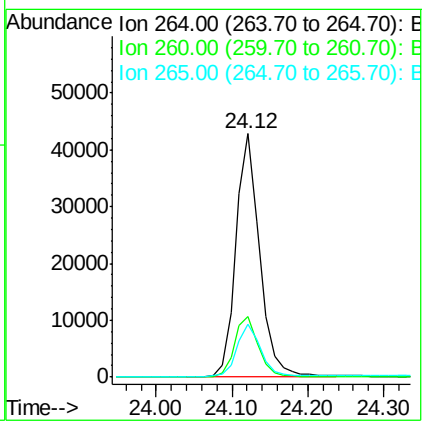


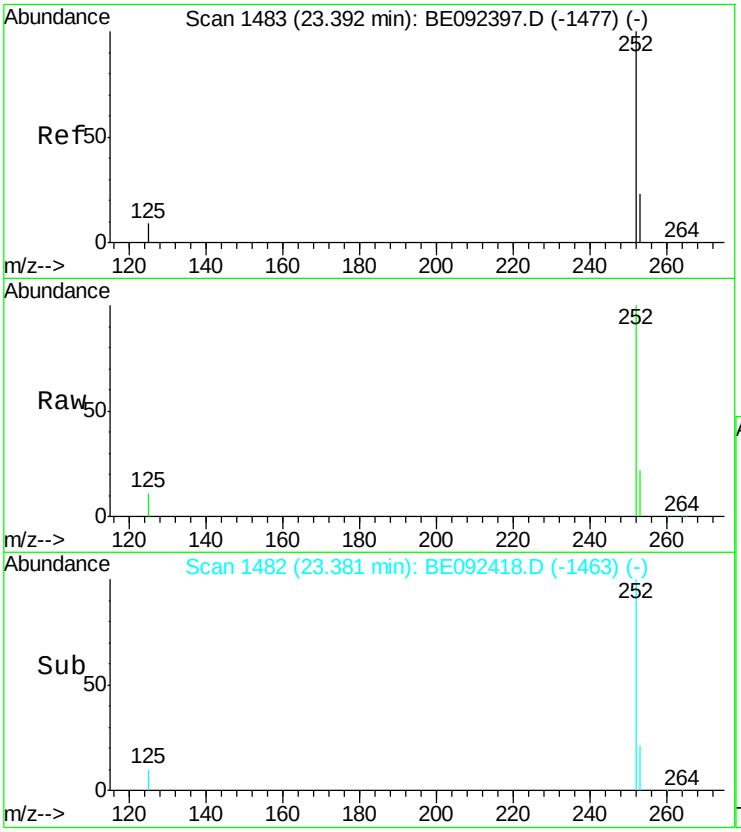


#31
Perylene-d12
Concen: 5.00 ng
RT: 24.12 min Scan# 1546
Delta R.T. 0.03 min
Lab File: BE092418.D
Acq: 23 Sep 2016 16:45

Tgt Ion:264 Resp: 93067

Ion	Ratio	Lower	Upper
264	100		
260	25.0	20.1	30.1
265	21.8	17.9	26.9



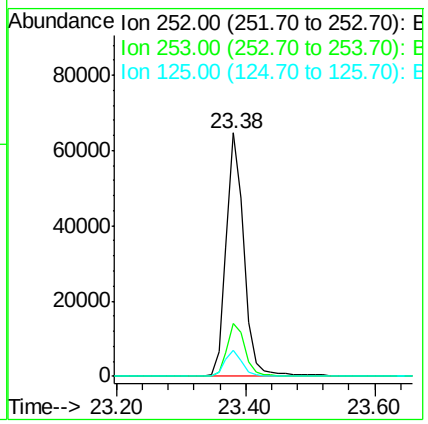


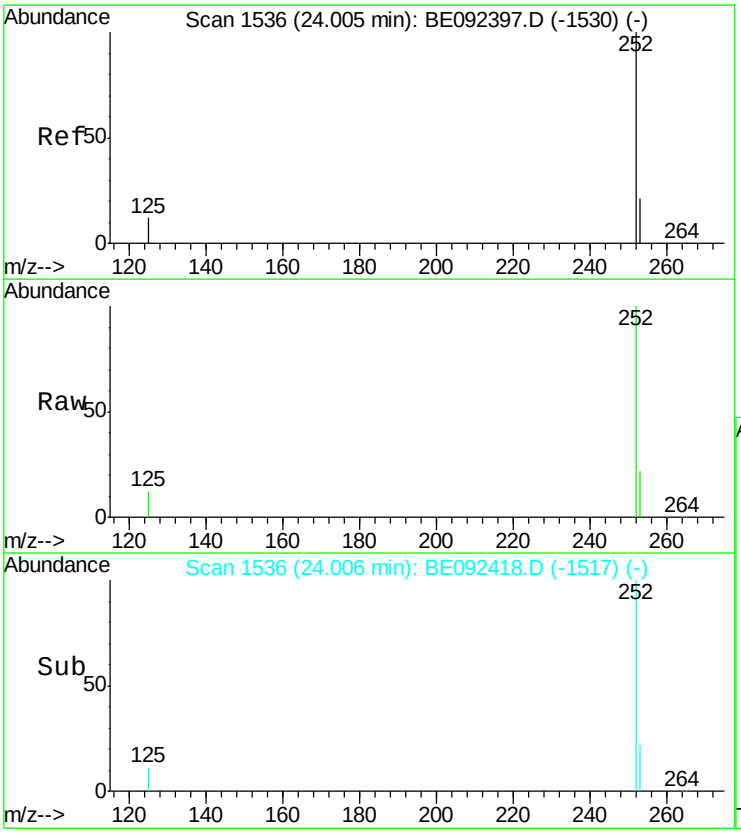
#32
Benzo(b)fluoranthene
Concen: 5.45 ng
RT: 23.38 min Scan# 1482
Delta R.T. 0.02 min
Lab File: BE092418.D
Acq: 23 Sep 2016 16:45

Instrument :
BNA_E
ClientSampleId :
PT-BN-WPDL

Tgt Ion:252 Resp: 122822

Ion	Ratio	Lower	Upper
252	100		
253	21.6	18.7	28.1
125	10.6	10.5	15.7

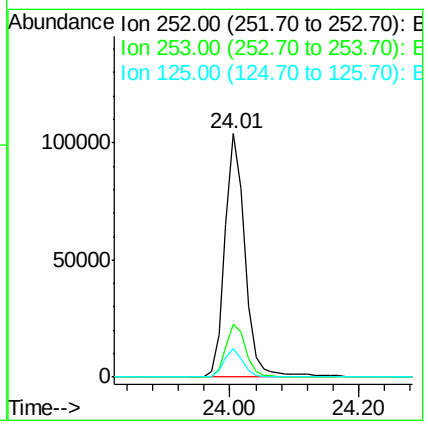


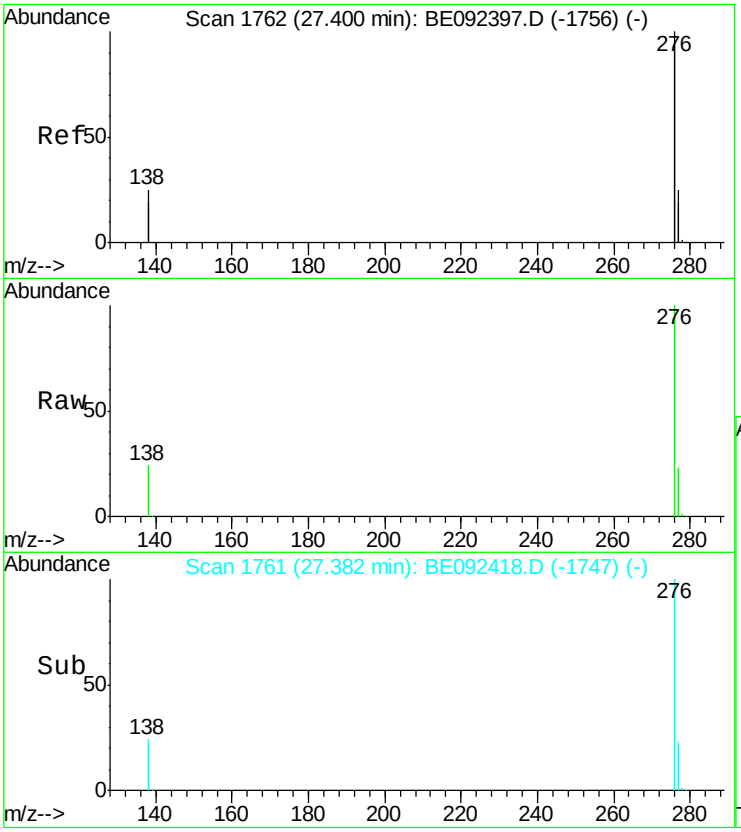


#34
Benzo(a)pyrene
Concen: 10.13 ng
RT: 24.01 min Scan# 1536
Delta R.T. 0.02 min
Lab File: BE092418.D
Acq: 23 Sep 2016 16:45

Tgt Ion:252 Resp: 223690

Ion	Ratio	Lower	Upper
252	100		
253	21.7	19.0	28.6
125	11.6	11.8	17.8#





#36
Benzo(g,h,i)perylene
Concen: 8.87 ng
RT: 27.38 min Scan# 1761
Delta R.T. 0.03 min
Lab File: BE092418.D
Acq: 23 Sep 2016 16:45

Instrument :
BNA_E
ClientSampleId :
PT-BN-WPDL

Tgt Ion:276 Resp: 771655

Ion	Ratio	Lower	Upper
276	100		
277	22.5	19.8	29.8
138	24.5	19.8	29.6