Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE092316\
Data File : BE092410.D
Acq On : 23 Sep 2016 10:53
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 19:25:52 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	8501	5.00	ng		-0.02
7) Naphthalene-d8	10.95	136	40820	5.00	ng		0.00
12) Acenaphthene-d10	14.81	164	27821	5.00	ng		0.00
18) Phenanthrene-d10	17.58	188	66368	5.00	ng		0.02
24) Chrysene-d12	21.75	240	96239	5.00	ng		0.00
31) Perylene-d12	24.12	264	78919	5.00	ng		0.04
System Monitoring Compounds							
4) 2-Fluorophenol	5.66	112	22794	11.32	ng		-0.02
5) Phenol-d6	7.33	99	31782	11.07	ng		-0.02
8) Nitrobenzene-d5	9.34	82	20314	6.87	ng		-0.02
13) 2,4,6-Tribromophenol	16.31	330	11637	11.72	ng		-0.01
14) 2-Fluorobiphenyl	13.43	172	55779	8.47	ng		-0.01
26) Terphenyl-d14	20.17	244	89282	7.48	ng		0.00
Target Compounds							Qvalue
3) n-Nitrosodimethylamine	3.83	42	7	0.20	ng	#	15
6) bis(2-Chloroethyl)ether	7.59	93	31102	13.66	ng	#	27
9) Naphthalene	10.99	128	14622	1.65	ng	#	96
10) Hexachlorobutadiene	11.28	225	9538	6.86	ng		99
11) 2-Methylnaphthalene	12.62	142	37470	6.41	ng		95
15) Acenaphthylene	14.53	152	616677	15.31	ng		100
16) Acenaphthene	14.88	154	39999	6.34	ng		96
17) Fluorene	15.87	166	129536	16.19	ng		99
19) Hexachlorobenzene	16.89	284	22745	8.01	ng	#	65
20) Pentachlorophenol	17.23	266	1	0.18	ng	#	72
21) Phenanthrene	17.69	178	77561	5.09	ng	#	94
22) Anthracene	17.69	178	79684	5.43	ng		99
23) Fluoranthene	19.61	202	1081155	14.92	ng		98
25) Pyrene	19.95	202	6794	0.08	ng	#	1
27) Benzo(a)anthracene	21.77	228	943291	10.06	ng	#	86
28) Chrysene	21.77	228	948708	11.05	ng		93
29) Bis(2-ethylhexyl)phthalate	21.63	149	39320	4.87	ng	#	74
30) Indeno(1,2,3-cd)pyrene	26.62	276	446450	4.90	ng		95
32) Benzo(b)fluoranthene	23.38	252	124355	6.51	ng	#	96
33) Benzo(k)fluoranthene	23.38	252	124777	6.24	ng		95
34) Benzo(a)pyrene	24.01	252	227469	12.14	ng	#	94
35) Dibenzo(a,h)anthracene	26.62	278	3133	0.18	ng	#	78
36) Benzo(g,h,i)perylene	27.38	276	783762	10.63	ng		97

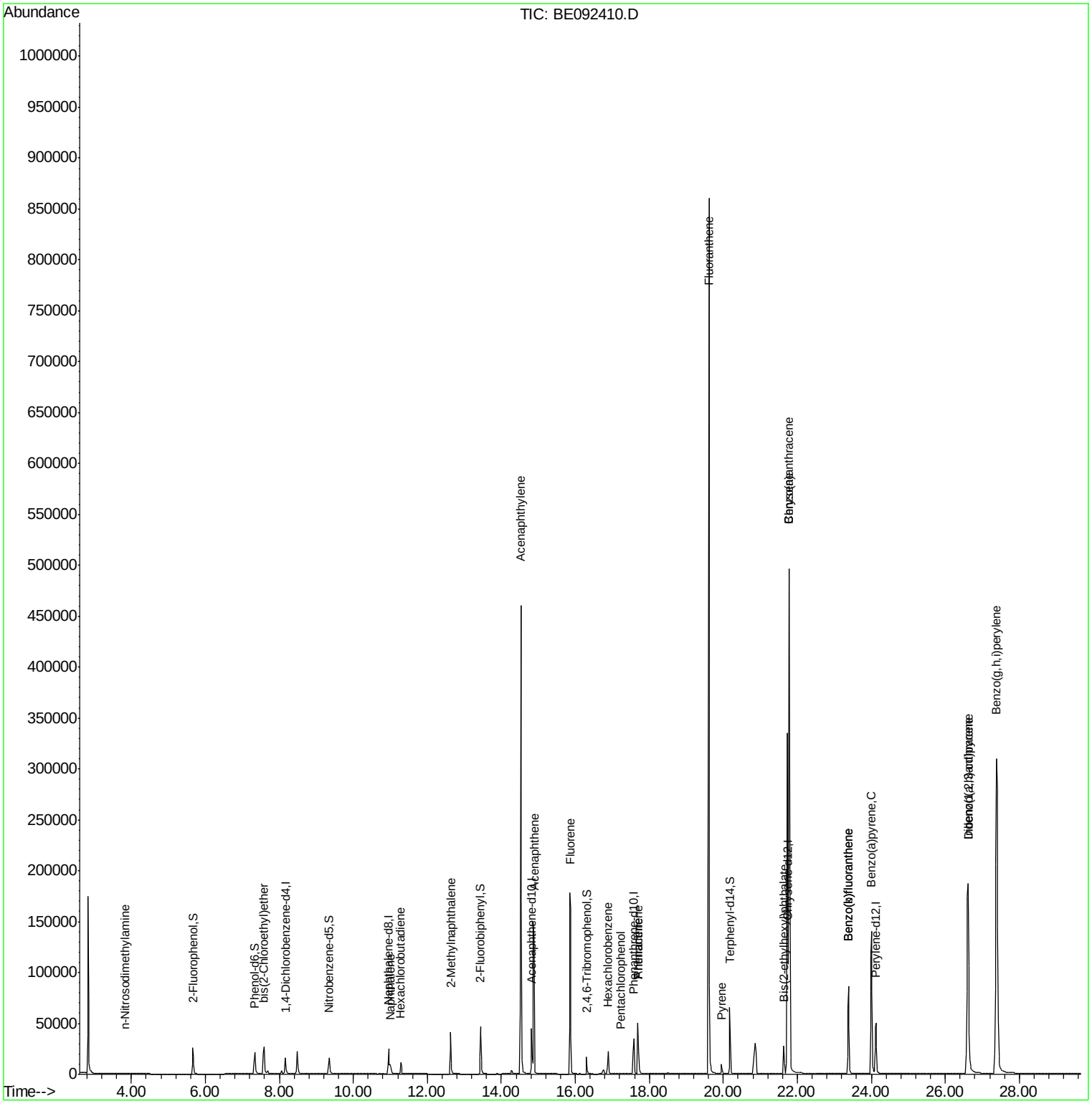
(#) = qualifier out of range (m) = manual integration (+) = signals summed

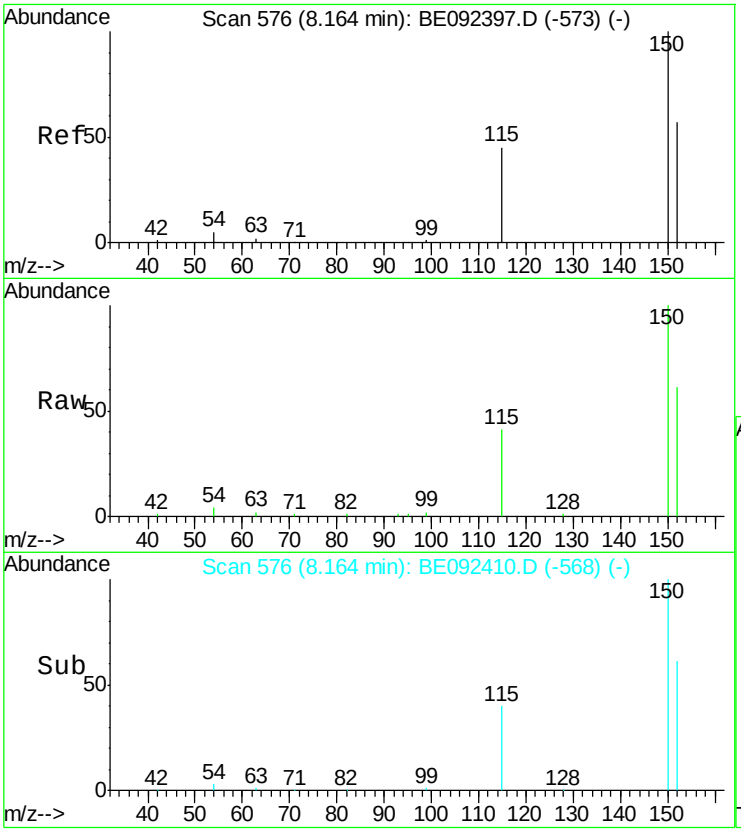
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE092316\
Data File : BE092410.D
Acq On : 23 Sep 2016 10:53
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 19:25:52 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



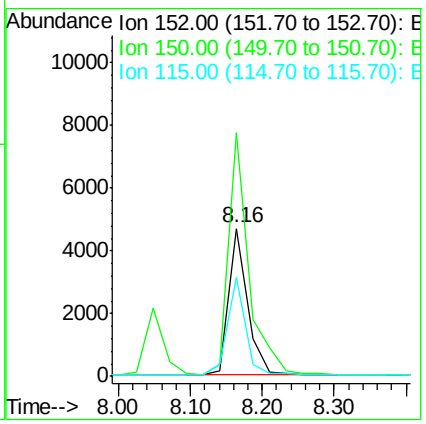


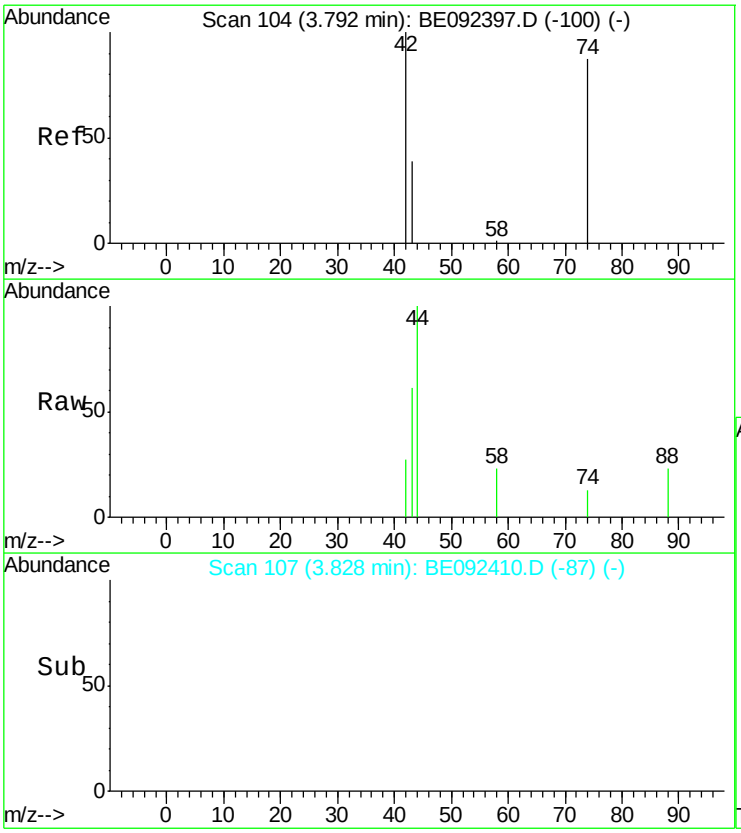
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 8.16 min Scan# 576
Delta R.T. -0.02 min
Lab File: BE092410.D
Acq: 23 Sep 2016 10:53

Instrument :
BNA_E
ClientSampleId :
PT-BN-WPDL

Tgt Ion:152 Resp: 8501

Ion	Ratio	Lower	Upper
152	100		
150	164.5	106.0	159.0#
115	66.8	31.2	46.8#

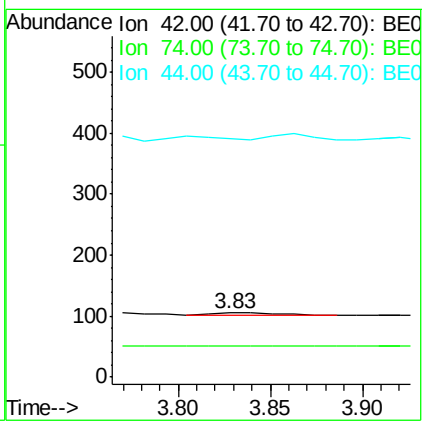


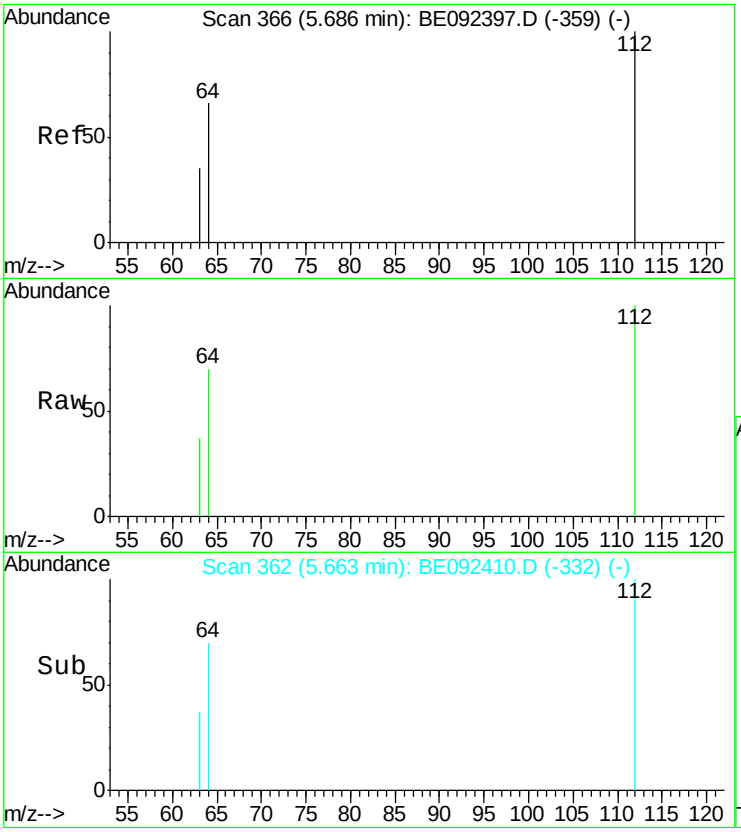


#3
n-Nitrosodimethylamine
Concen: 0.20 ng
RT: 3.83 min Scan# 107
Delta R.T. 0.03 min
Lab File: BE092410.D
Acq: 23 Sep 2016 10:53

Tgt Ion: 42 Resp: 7

Ion	Ratio	Lower	Upper
42	100		
74	14.3	86.0	129.0#
44	0.0	5.1	7.7#



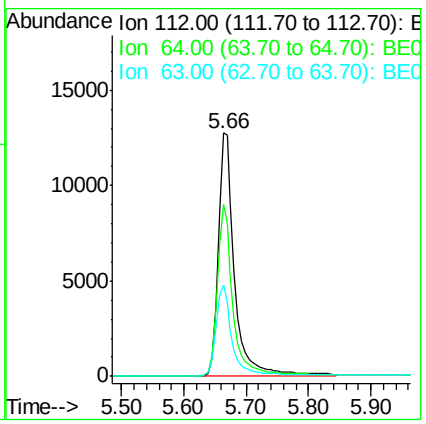


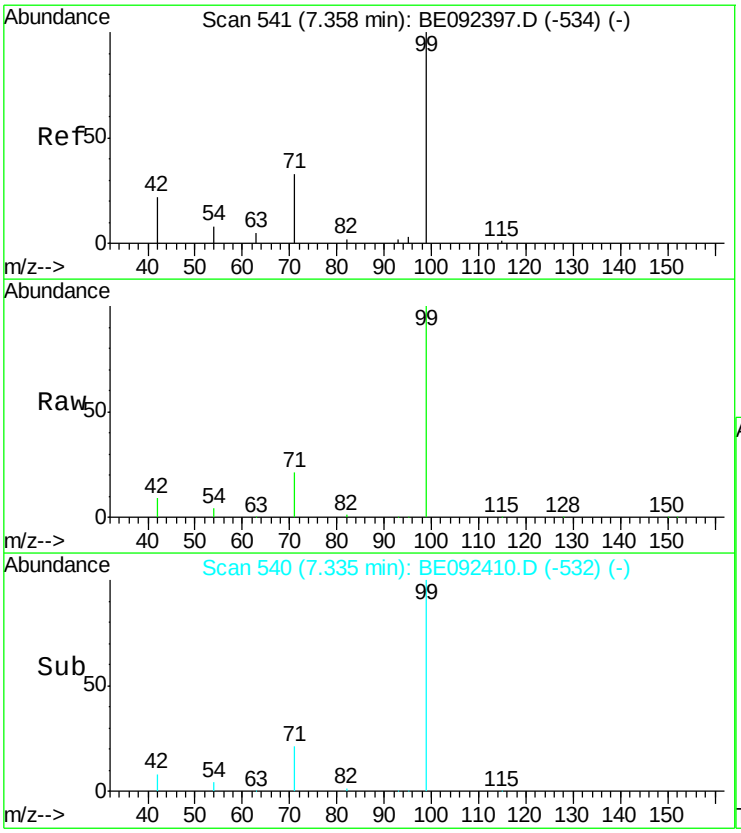
#4
2-Fluorophenol
Concen: 11.32 ng
RT: 5.66 min Scan# 362
Delta R.T. -0.02 min
Lab File: BE092410.D
Acq: 23 Sep 2016 10:53

Instrument :
BNA_E
ClientSampleId :
PT-BN-WPDL

Tgt Ion:112 Resp: 22794

Ion	Ratio	Lower	Upper
112	100		
64	67.7	53.5	80.3
63	36.0	27.9	41.9

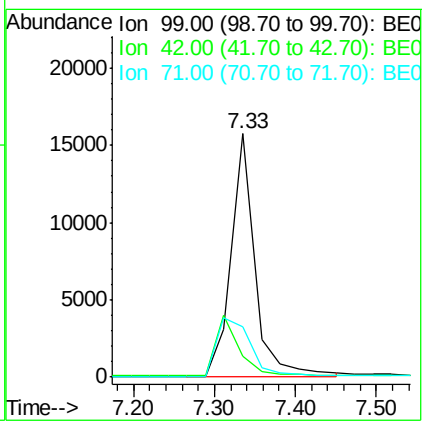


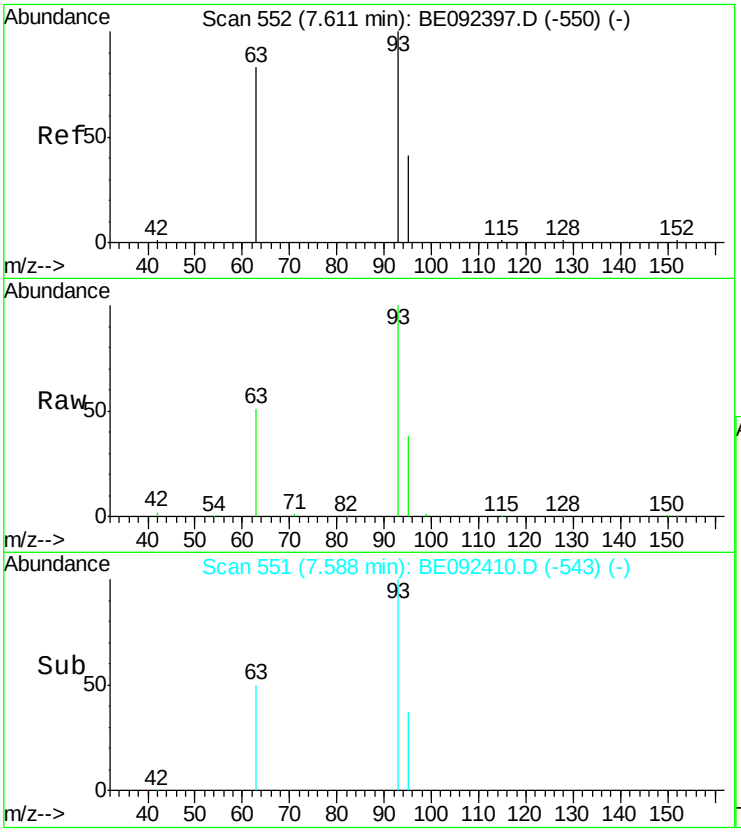


#5
Phenol-d6
Concen: 11.07 ng
RT: 7.33 min Scan# 540
Delta R.T. -0.02 min
Lab File: BE092410.D
Acq: 23 Sep 2016 10:53

Tgt Ion: 99 Resp: 31782

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



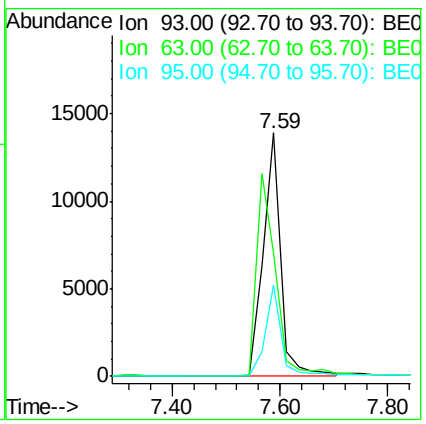


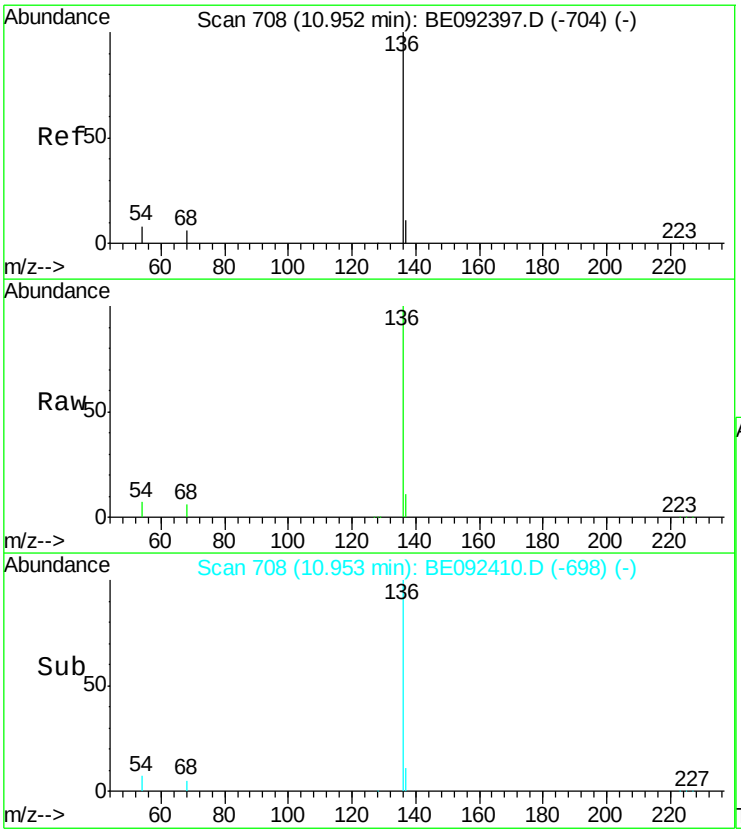
#6
bis(2-Chloroethyl)ether
Concen: 13.66 ng
RT: 7.59 min Scan# 551
Delta R.T. -0.02 min
Lab File: BE092410.D
Acq: 23 Sep 2016 10:53

Instrument :
BNA_E
ClientSampleId :
PT-BN-WPDL

Tgt Ion: 93 Resp: 31102

Ion	Ratio	Lower	Upper
93	100		
63	0.0	71.6	107.4#
95	33.3	24.0	36.0

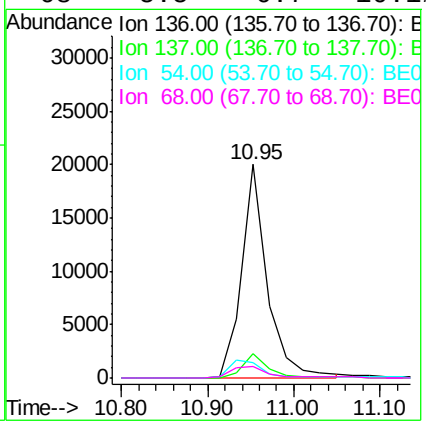


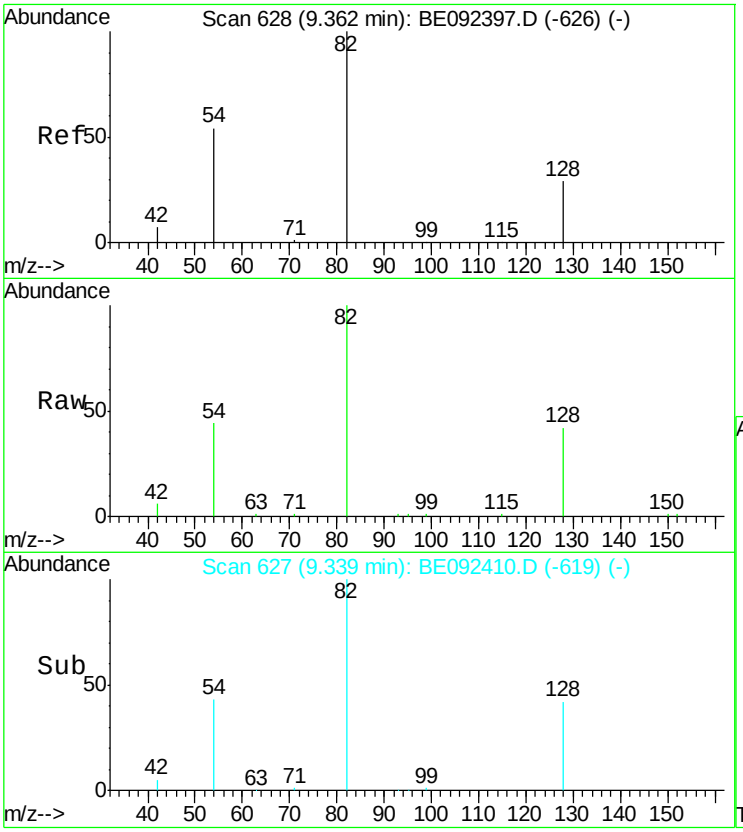


#7
Naphthalene-d8
Concen: 5.00 ng
RT: 10.95 min Scan# 708
Delta R.T. 0.00 min
Lab File: BE092410.D
Acq: 23 Sep 2016 10:53

Tgt Ion:136 Resp: 40820

Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.2	12.4
54	7.2	9.6	14.4#
68	5.5	6.7	10.1#



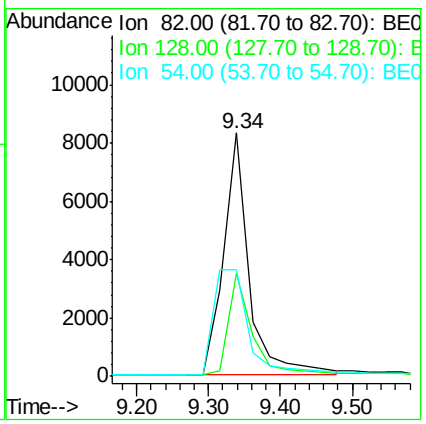


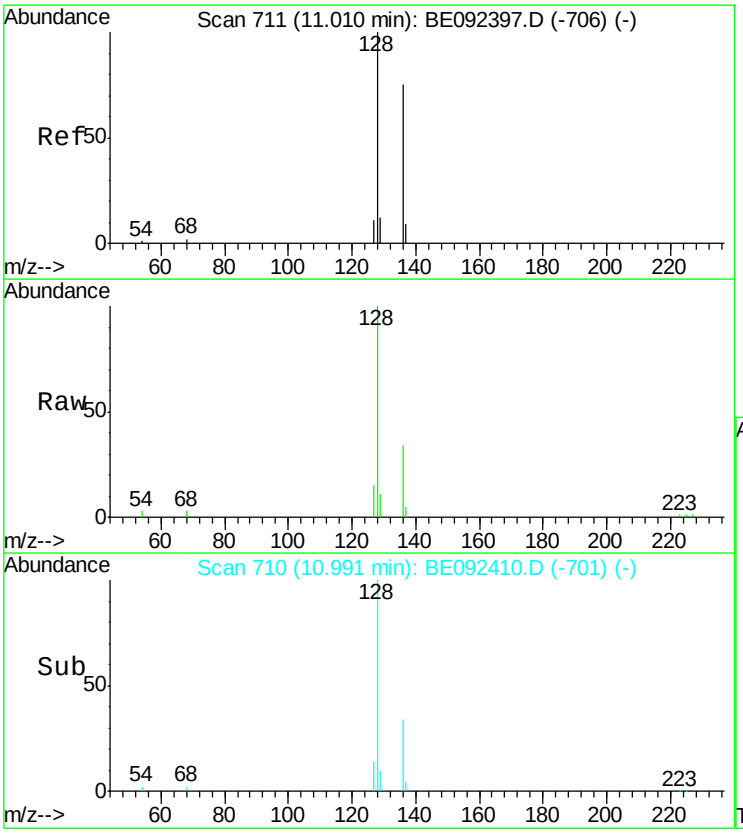
#8
Nitrobenzene-d5
Concen: 6.87 ng
RT: 9.34 min Scan# 627
Delta R.T. -0.02 min
Lab File: BE092410.D
Acq: 23 Sep 2016 10:53

Instrument :
BNA_E
ClientSampleId :
PT-BN-WPDL

Tgt Ion: 82 Resp: 20314

Ion	Ratio	Lower	Upper
82	100		
128	42.4	39.0	58.4
54	43.7	44.8	67.2#

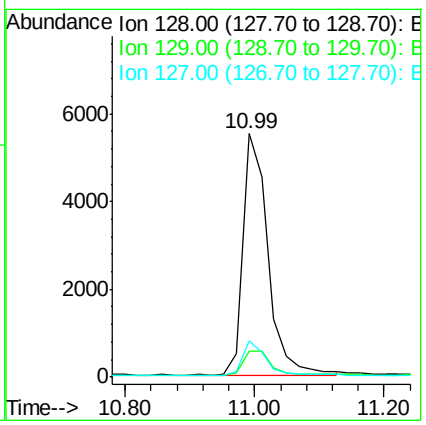


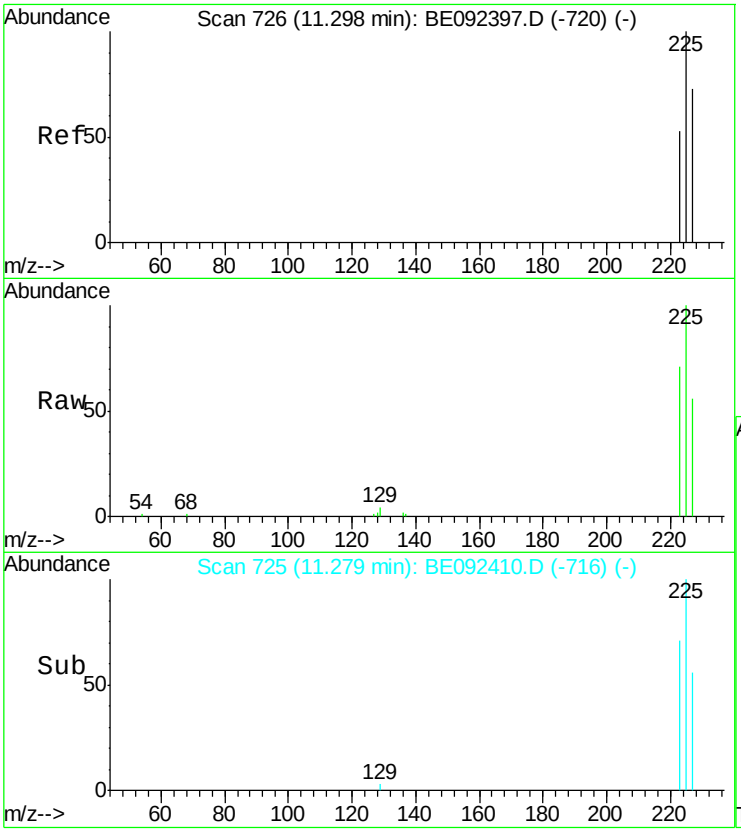


#9
Naphthalene
Concen: 1.65 ng
RT: 10.99 min Scan# 710
Delta R.T. -0.02 min
Lab File: BE092410.D
Acq: 23 Sep 2016 10:53

Tgt Ion:128 Resp: 14622

Ion	Ratio	Lower	Upper
128	100		
129	10.9	11.2	16.8#
127	14.9	11.6	17.4



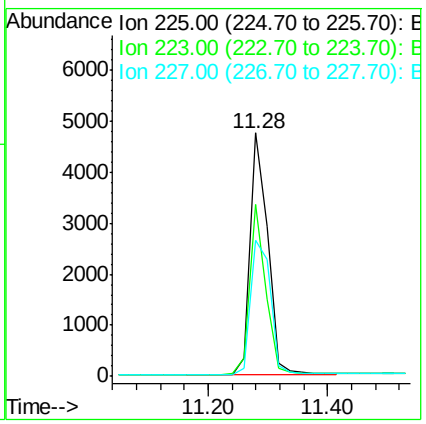


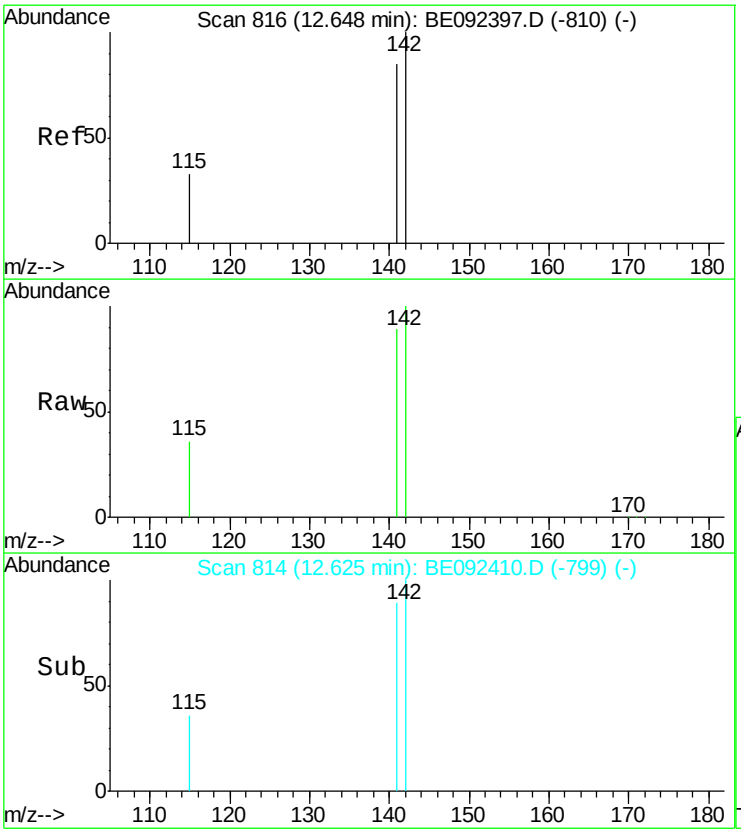
#10
Hexachlorobutadiene
Concen: 6.86 ng
RT: 11.28 min Scan# 725
Delta R.T. -0.02 min
Lab File: BE092410.D
Acq: 23 Sep 2016 10:53

Instrument :
BNA_E
ClientSampleId :
PT-BN-WPDL

Tgt Ion:225 Resp: 9538

Ion	Ratio	Lower	Upper
225	100		
223	63.8	50.6	76.0
227	63.5	51.4	77.0

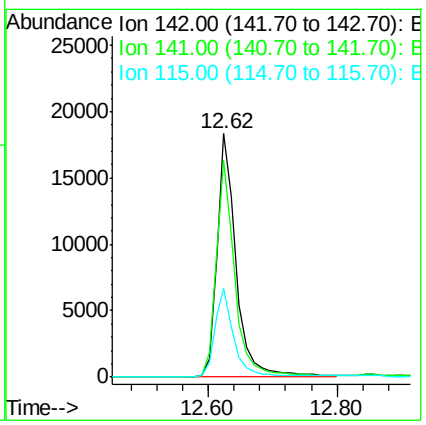


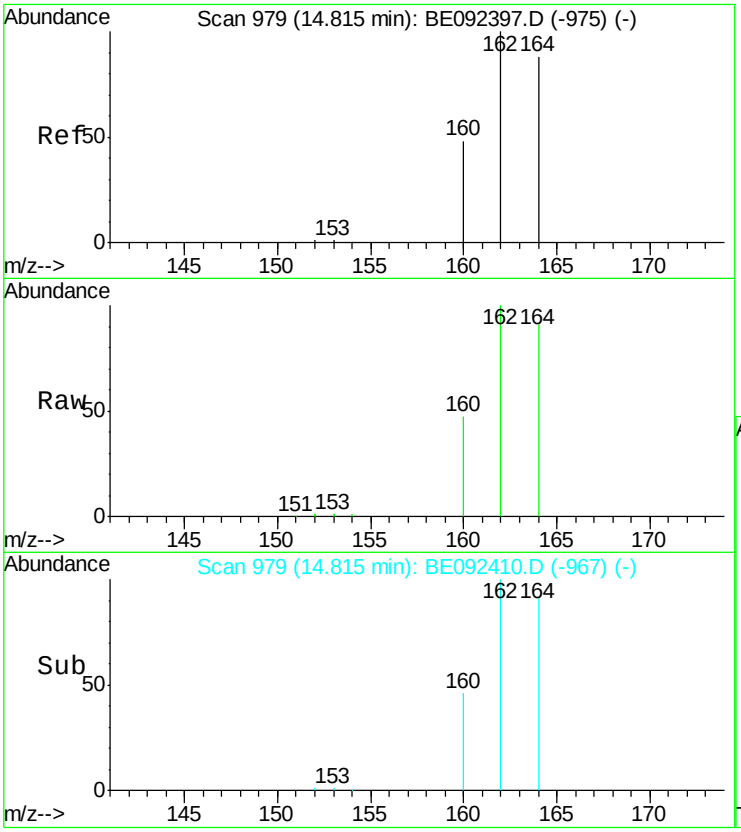


#11
2-Methylnaphthalene
Concen: 6.41 ng
RT: 12.62 min Scan# 814
Delta R.T. -0.02 min
Lab File: BE092410.D
Acq: 23 Sep 2016 10:53

Tgt Ion:142 Resp: 37470

Ion	Ratio	Lower	Upper
142	100		
141	88.8	73.7	110.5
115	36.3	34.0	51.0



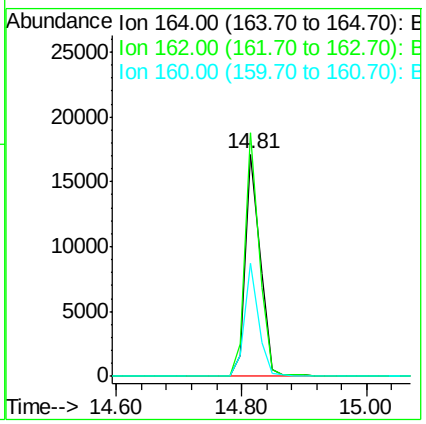


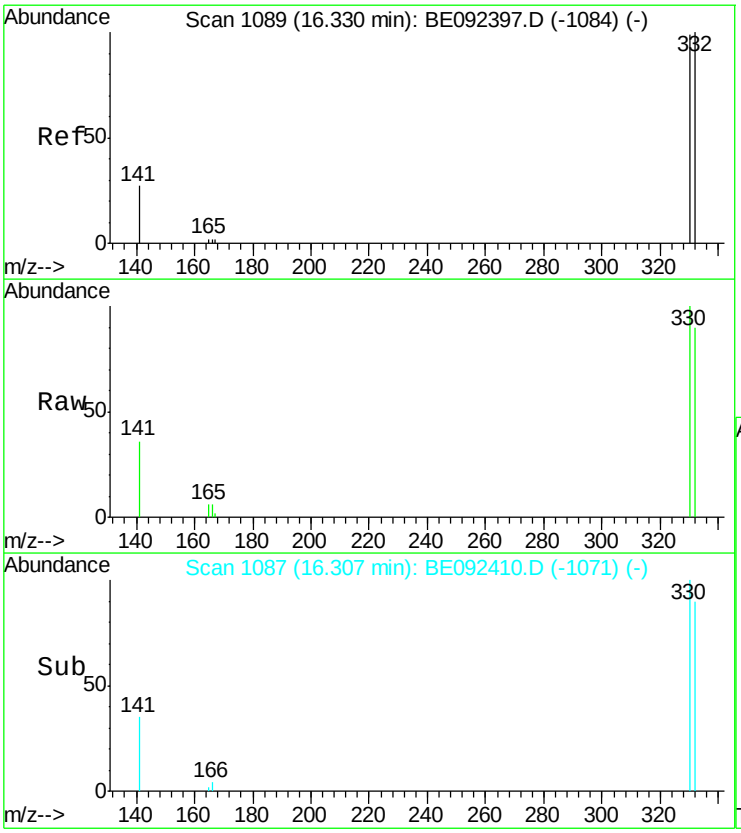
#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.81 min Scan# 979
Delta R.T. -0.00 min
Lab File: BE092410.D
Acq: 23 Sep 2016 10:53

Instrument :
BNA_E
ClientSampleId :
PT-BN-WPDL

Tgt Ion:164 Resp: 27821

Ion	Ratio	Lower	Upper
164	100		
162	109.7	71.4	107.0#
160	51.1	27.4	41.2#

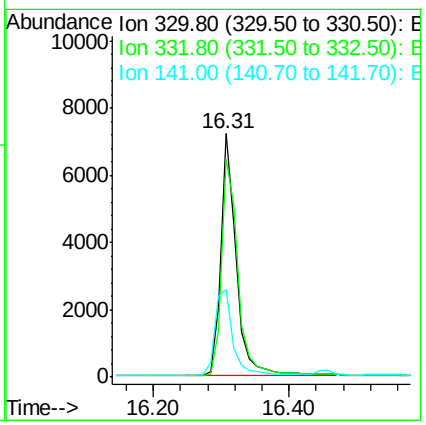


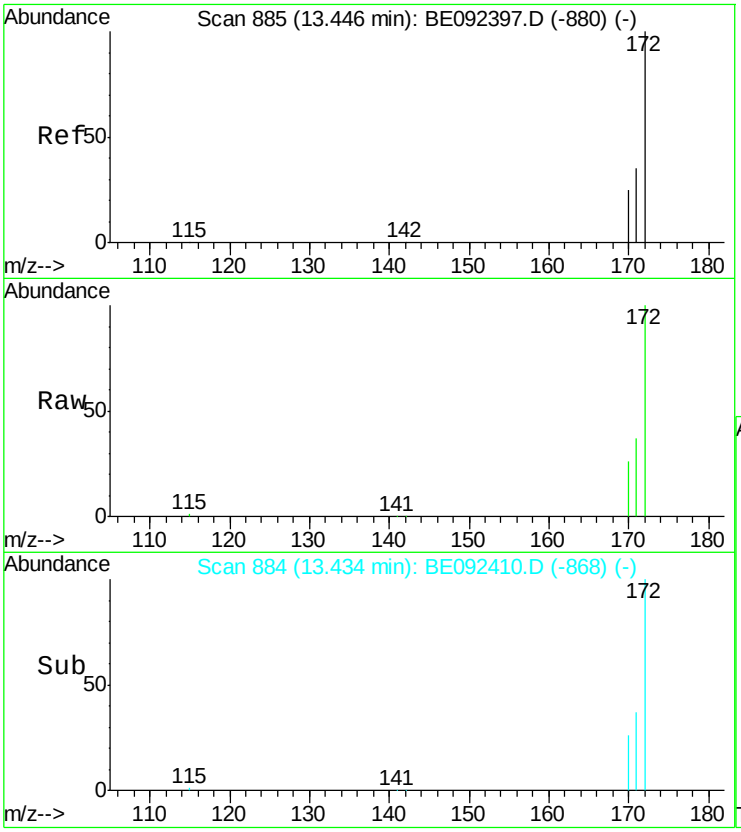


#13
2,4,6-Tribromophenol
Concen: 11.72 ng
RT: 16.31 min Scan# 1087
Delta R.T. -0.01 min
Lab File: BE092410.D
Acq: 23 Sep 2016 10:53

Tgt Ion:330 Resp: 11637

Ion	Ratio	Lower	Upper
330	100		
332	96.1	75.4	113.0
141	40.6	31.0	46.6



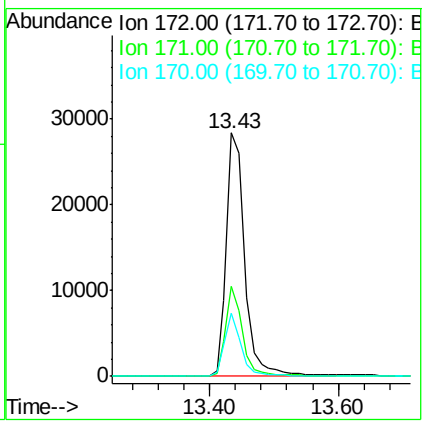


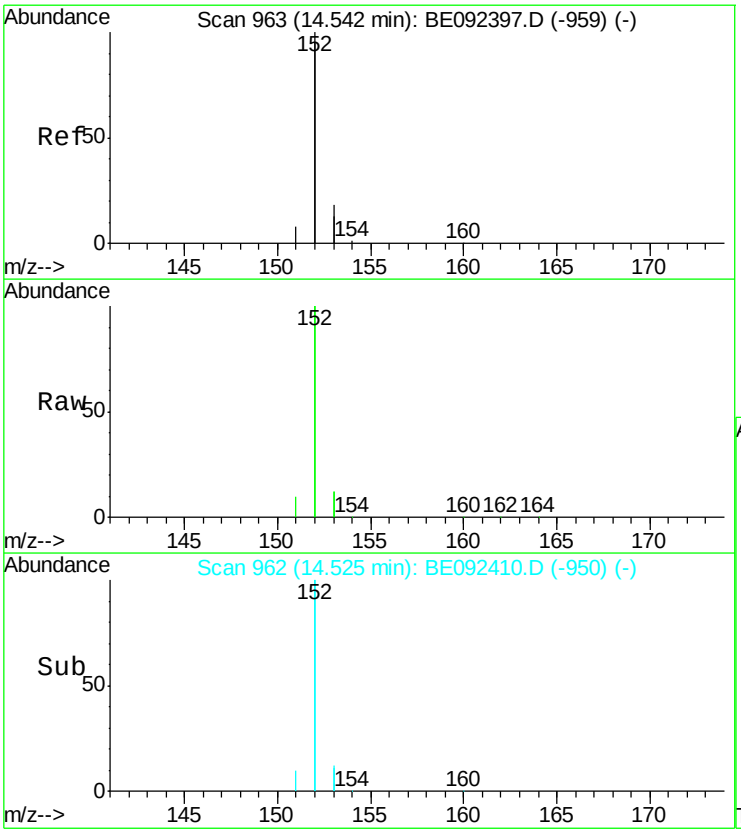
#14
2-Fluorobiphenyl
Concen: 8.47 ng
RT: 13.43 min Scan# 884
Delta R.T. -0.01 min
Lab File: BE092410.D
Acq: 23 Sep 2016 10:53

Instrument :
BNA_E
ClientSampleId :
PT-BN-WPDL

Tgt Ion:172 Resp: 55779

Ion	Ratio	Lower	Upper
172	100		
171	37.0	30.1	45.1
170	26.2	21.8	32.6

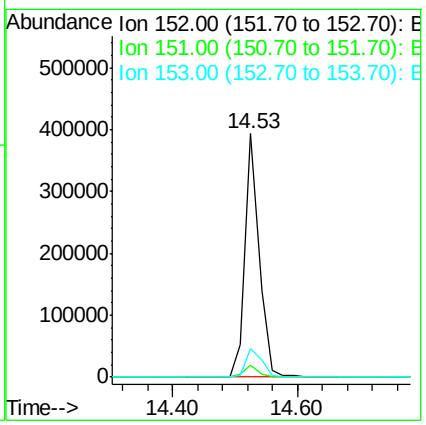


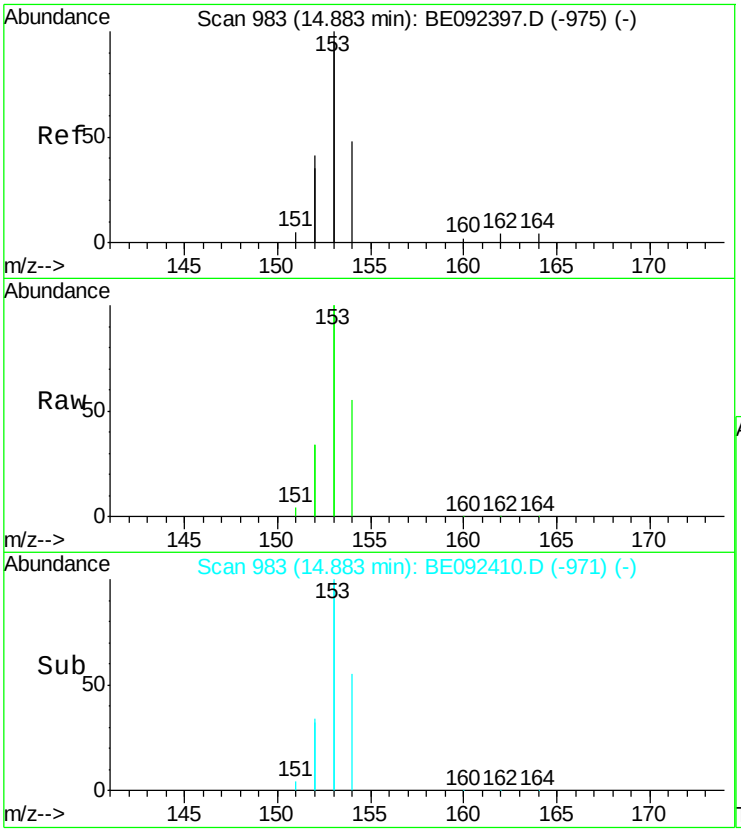


#15
Acenaphthylene
Concen: 15.31 ng
RT: 14.53 min Scan# 962
Delta R.T. -0.00 min
Lab File: BE092410.D
Acq: 23 Sep 2016 10:53

Tgt Ion:152 Resp: 616677

Ion	Ratio	Lower	Upper
152	100		
151	5.0	3.9	5.9
153	13.2	10.4	15.6



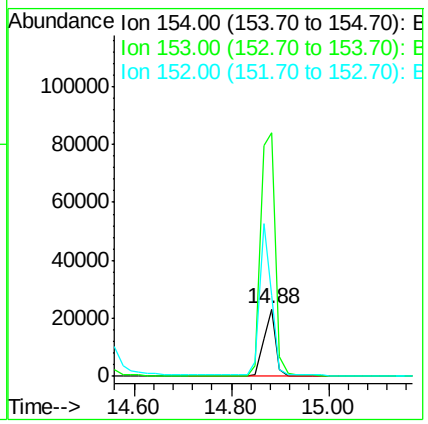


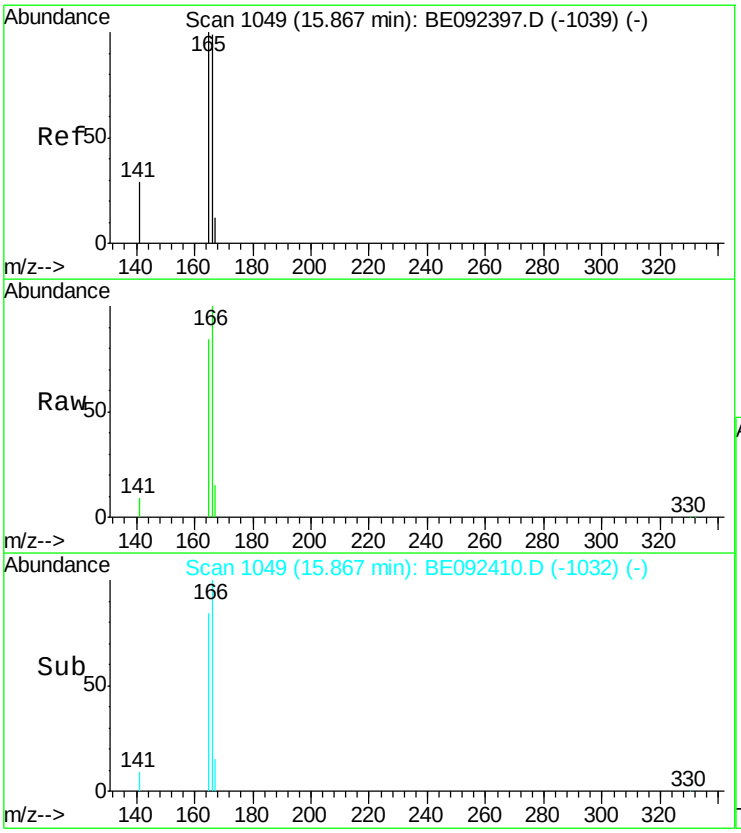
#16
Acenaphthene
Concen: 6.34 ng
RT: 14.88 min Scan# 983
Delta R.T. -0.00 min
Lab File: BE092410.D
Acq: 23 Sep 2016 10:53

Instrument :
BNA_E
ClientSampleId :
PT-BN-WPDL

Tgt Ion:154 Resp: 39999

Ion	Ratio	Lower	Upper
154	100		
153	446.9	350.8	526.2
152	223.0	171.1	256.7

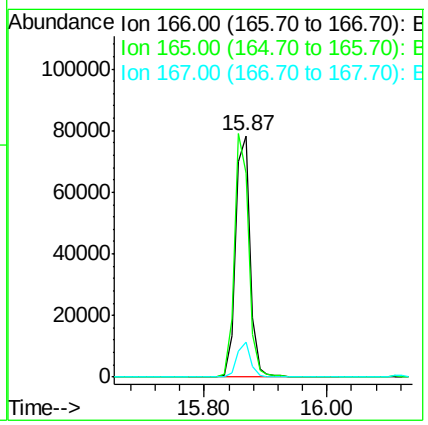


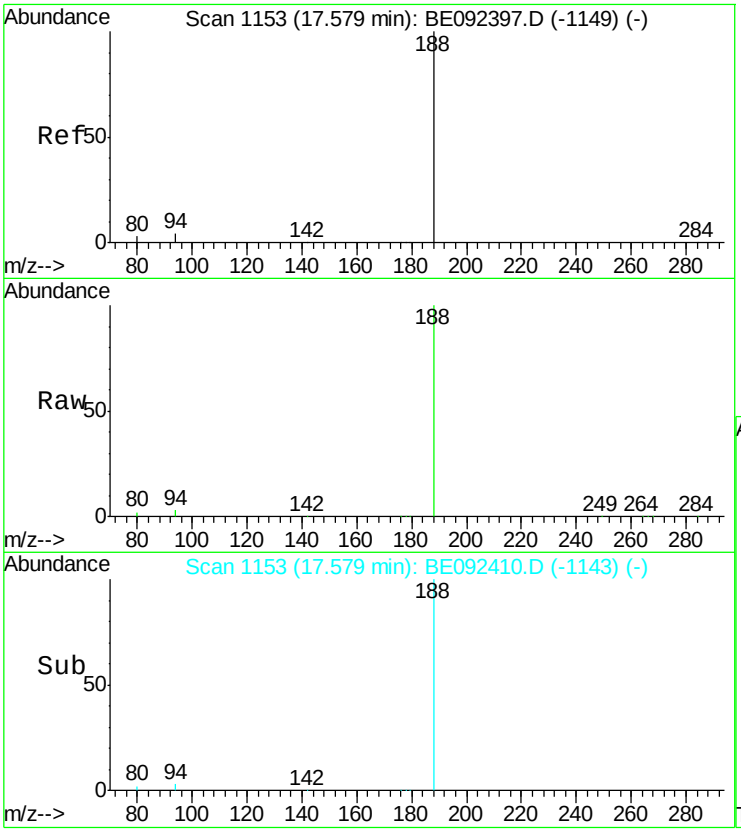


#17
Fluorene
Concen: 16.19 ng
RT: 15.87 min Scan# 1049
Delta R.T. 0.00 min
Lab File: BE092410.D
Acq: 23 Sep 2016 10:53

Tgt Ion:166 Resp: 129536

Ion	Ratio	Lower	Upper
166	100		
165	98.3	78.2	117.4
167	13.4	11.0	16.4



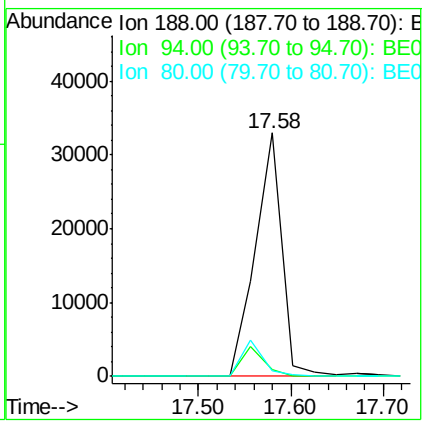


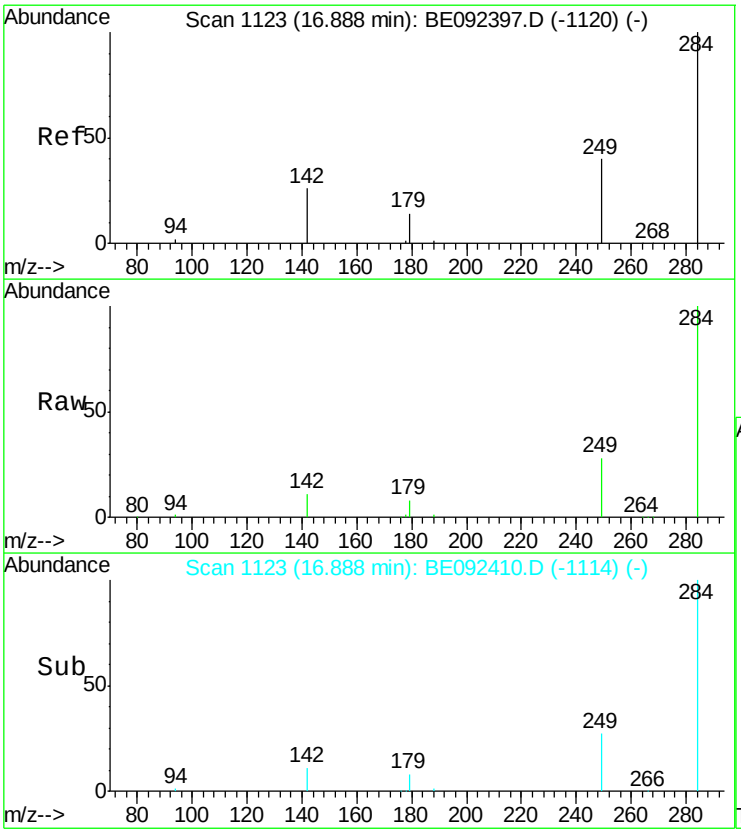
#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.58 min Scan# 1153
Delta R.T. 0.02 min
Lab File: BE092410.D
Acq: 23 Sep 2016 10:53

Instrument :
BNA_E
ClientSampleId :
PT-BN-WPDL

Tgt Ion:188 Resp: 66368

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

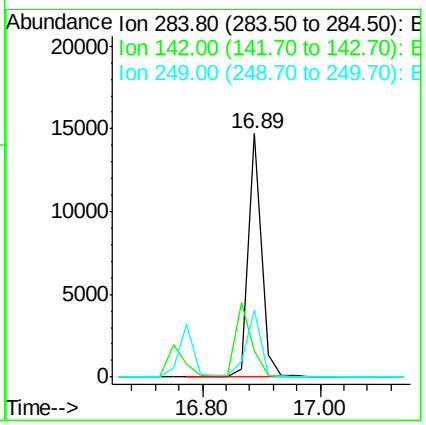


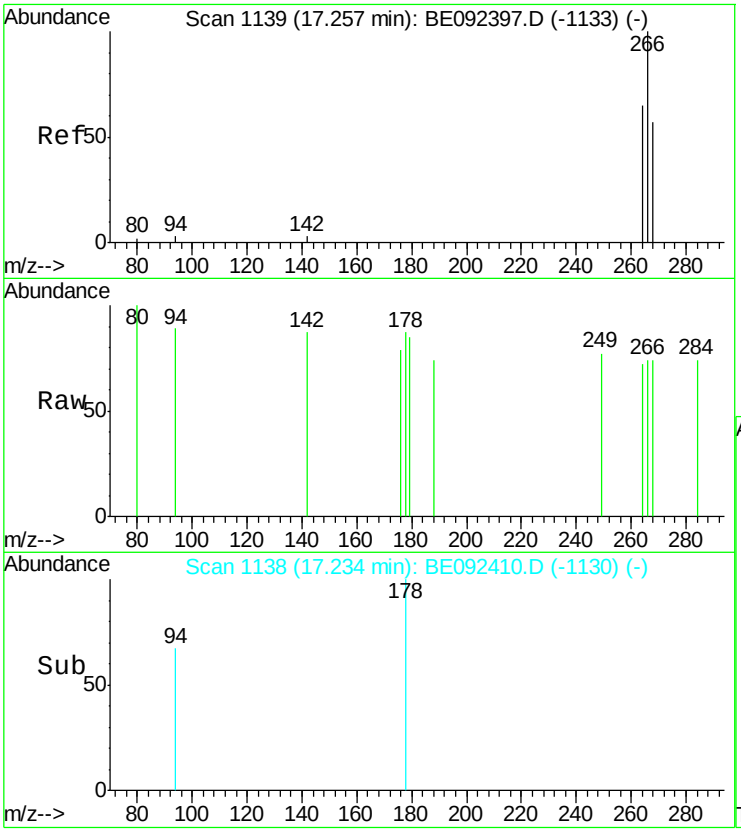


#19
Hexachlorobenzene
Concen: 8.01 ng
RT: 16.89 min Scan# 1123
Delta R.T. -0.00 min
Lab File: BE092410.D
Acq: 23 Sep 2016 10:53

Tgt Ion:284 Resp: 22745

Ion	Ratio	Lower	Upper
284	100		
142	0.0	29.1	43.7#
249	30.3	27.9	41.9



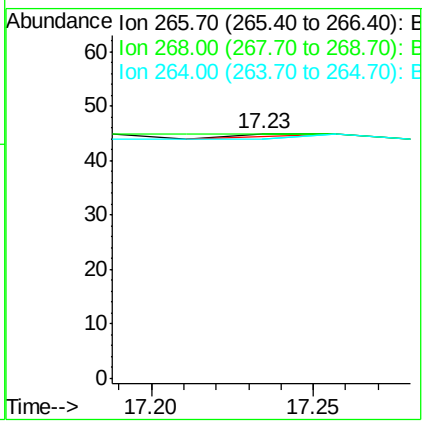


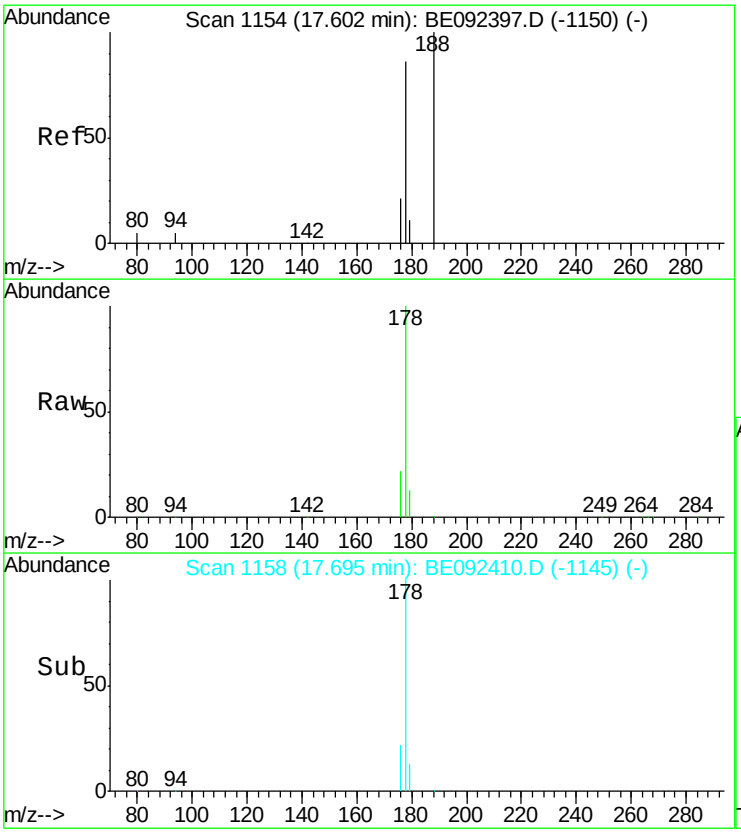
#20
Pentachlorophenol
Concen: 0.18 ng
RT: 17.23 min Scan# 1138
Delta R.T. -0.02 min
Lab File: BE092410.D
Acq: 23 Sep 2016 10:53

Instrument :
BNA_E
ClientSampleId :
PT-BN-WPDL

Tgt Ion:266 Resp: 1

Ion	Ratio	Lower	Upper
266	100		
268	100.0	62.5	93.7#
264	97.8	57.2	85.8#

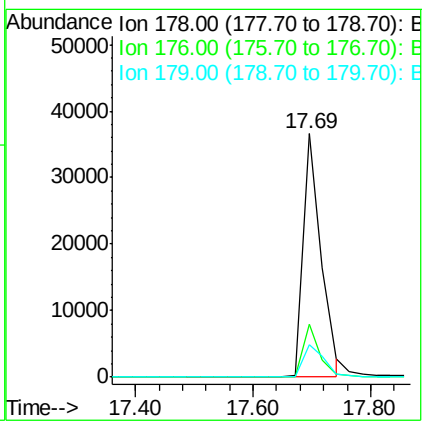


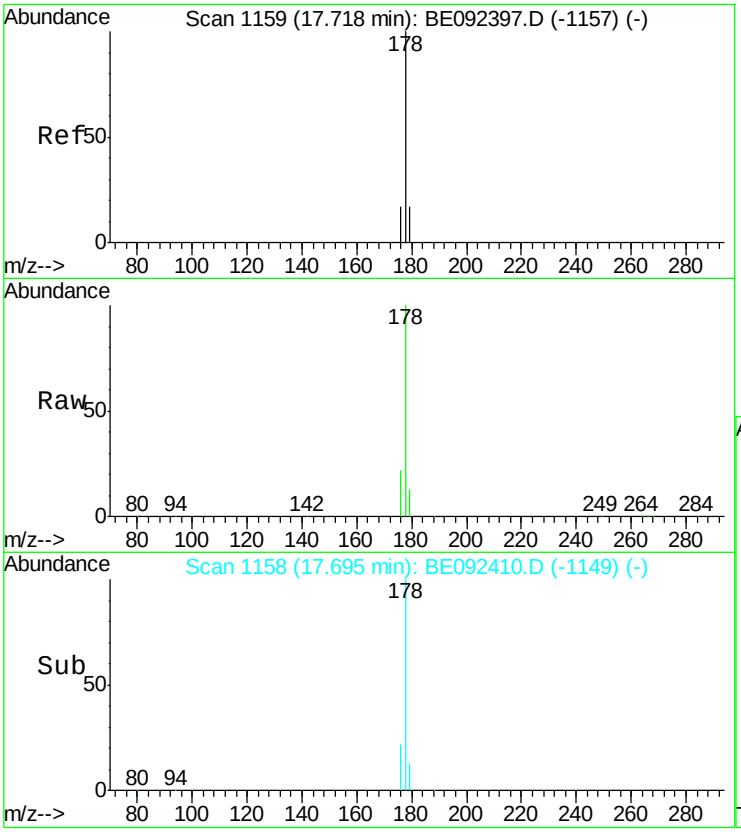


#21
Phenanthrene
Concen: 5.09 ng
RT: 17.69 min Scan# 1158
Delta R.T. 0.09 min
Lab File: BE092410.D
Acq: 23 Sep 2016 10:53

Tgt Ion:178 Resp: 77561

Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.8	23.8
179	14.8	16.0	24.0#



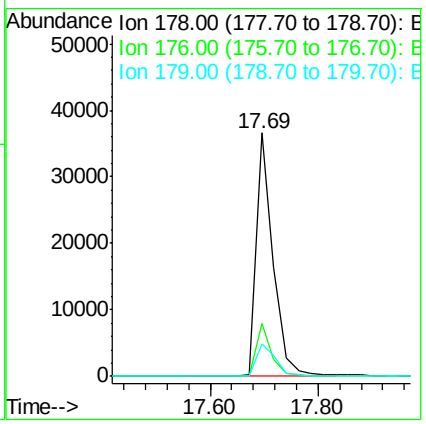


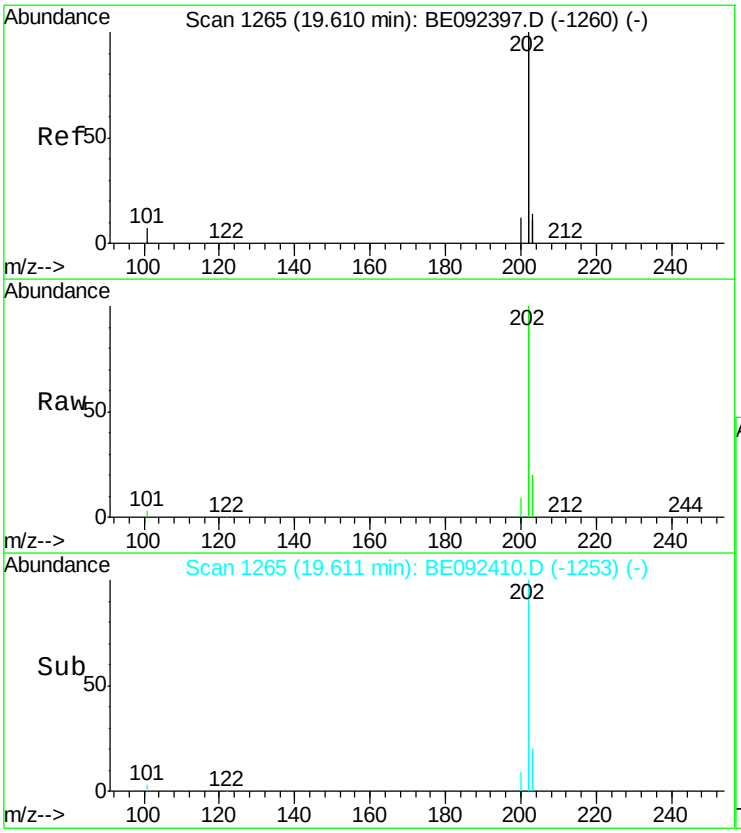
#22
Anthracene
Concen: 5.43 ng
RT: 17.69 min Scan# 1158
Delta R.T. -0.00 min
Lab File: BE092410.D
Acq: 23 Sep 2016 10:53

Instrument :
BNA_E
ClientSampleId :
PT-BN-WPDL

Tgt Ion:178 Resp: 79684

Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.0	22.4
179	14.9	12.2	18.2

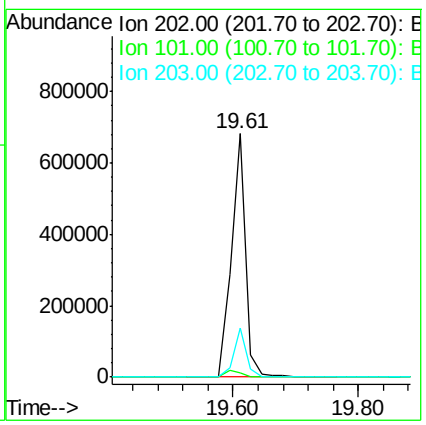


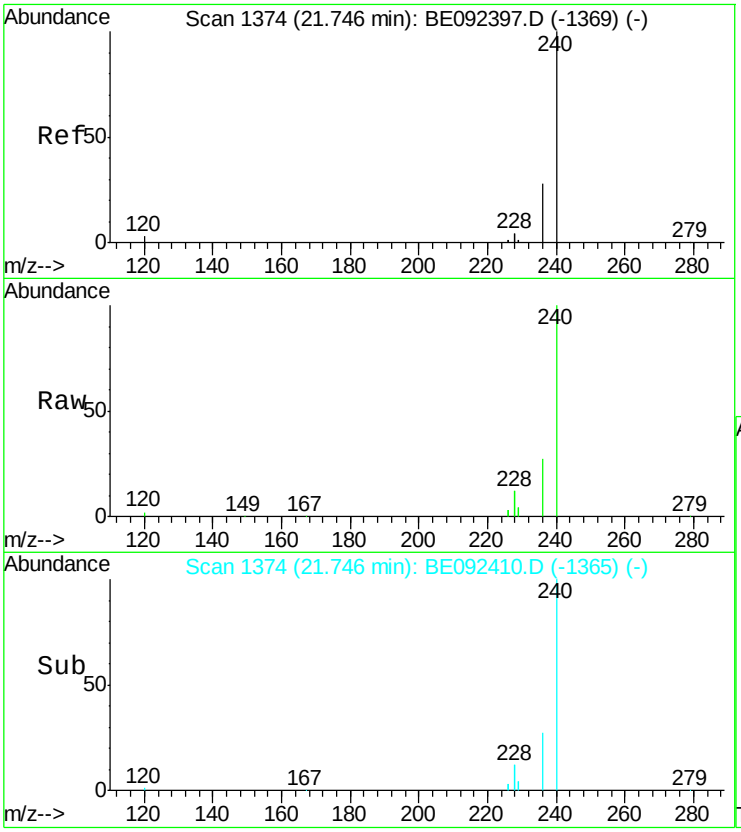


#23
Fluoranthene
Concen: 14.92 ng
RT: 19.61 min Scan# 1265
Delta R.T. 0.00 min
Lab File: BE092410.D
Acq: 23 Sep 2016 10:53

Tgt Ion:202 Resp: 1081155

Ion	Ratio	Lower	Upper
202	100		
101	3.0	2.2	3.4
203	18.0	13.7	20.5



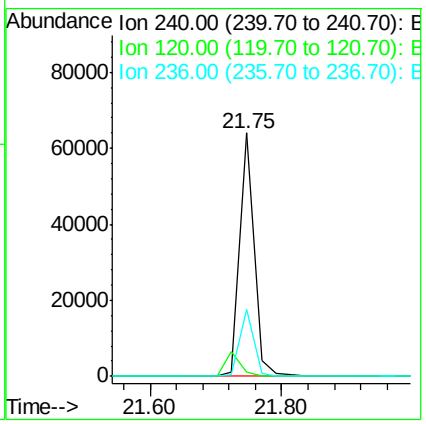


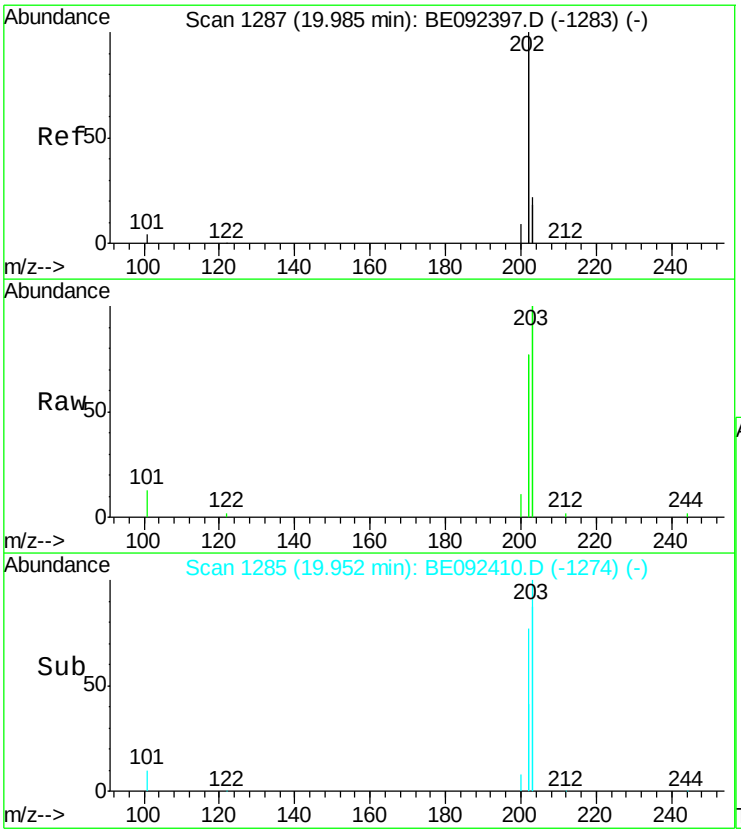
#24
Chrysene-d12
Concen: 5.00 ng
RT: 21.75 min Scan# 1374
Delta R.T. 0.00 min
Lab File: BE092410.D
Acq: 23 Sep 2016 10:53

Instrument :
BNA_E
ClientSampleId :
PT-BN-WPDL

Tgt Ion:240 Resp: 96239

Ion	Ratio	Lower	Upper
240	100		
120	1.5	2.6	4.0#
236	27.5	24.6	37.0

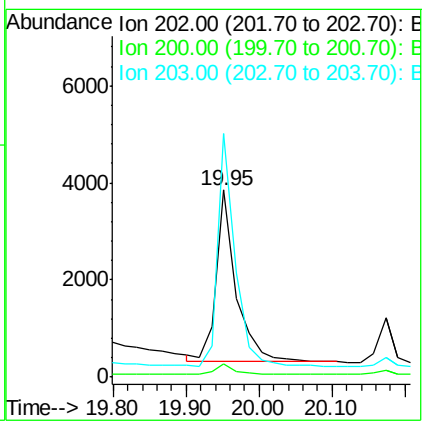


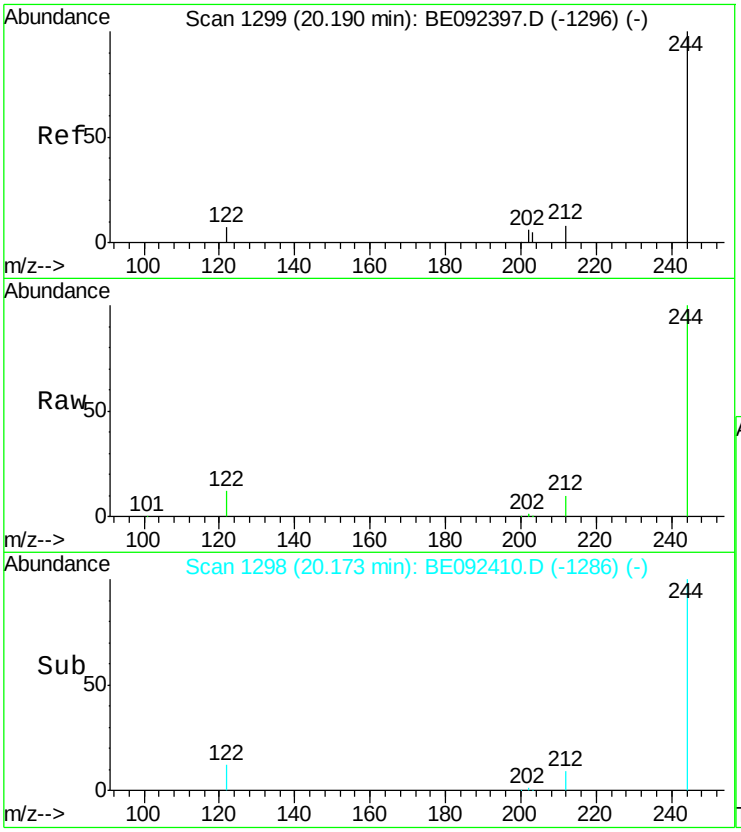


#25
Pyrene
Concen: 0.08 ng
RT: 19.95 min Scan# 1285
Delta R.T. -0.02 min
Lab File: BE092410.D
Acq: 23 Sep 2016 10:53

Tgt Ion:202 Resp: 6794

Ion	Ratio	Lower	Upper
202	100		
200	6.1	4.2	6.4
203	116.6	13.9	20.9#



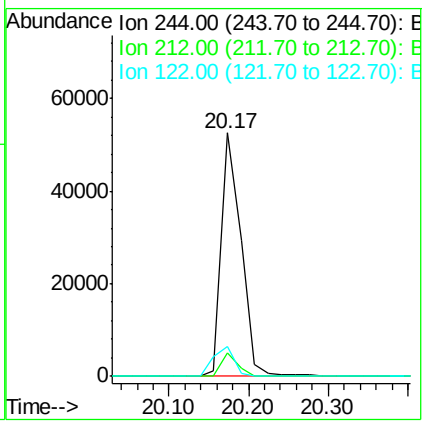


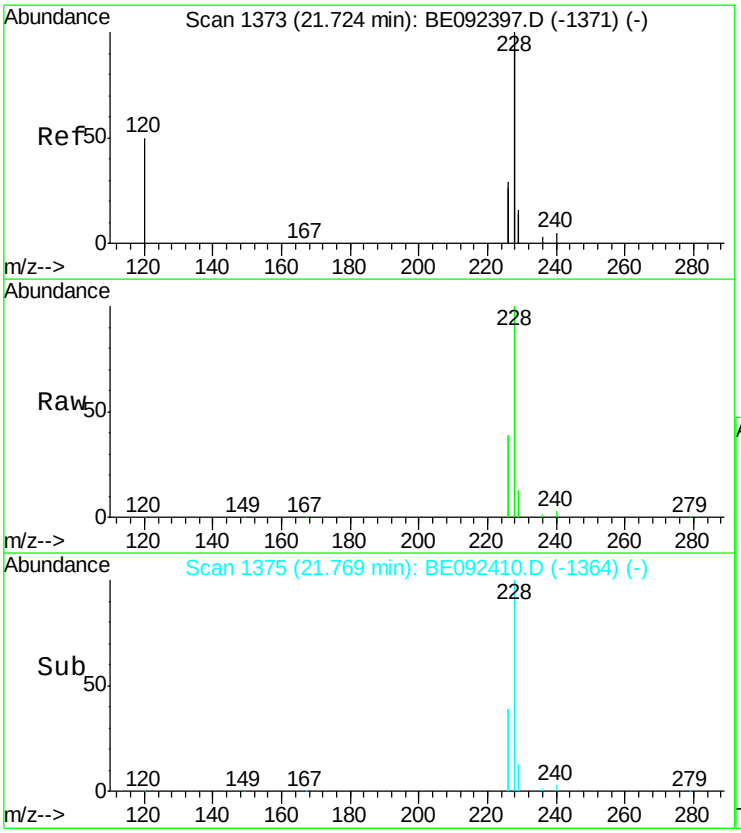
#26
Terphenyl-d14
Concen: 7.48 ng
RT: 20.17 min Scan# 1298
Delta R.T. 0.00 min
Lab File: BE092410.D
Acq: 23 Sep 2016 10:53

Instrument :
BNA_E
ClientSampleId :
PT-BN-WPDL

Tgt Ion:244 Resp: 89282

Ion	Ratio	Lower	Upper
244	100		
212	9.5	6.7	10.1
122	12.1	3.6	5.4#

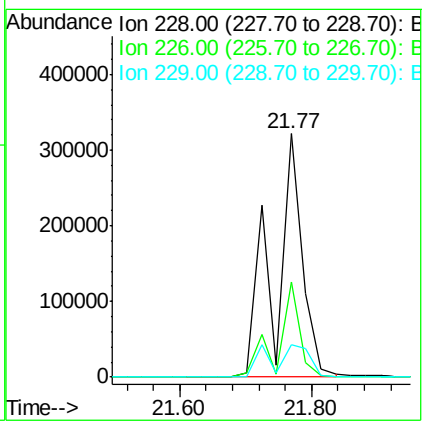


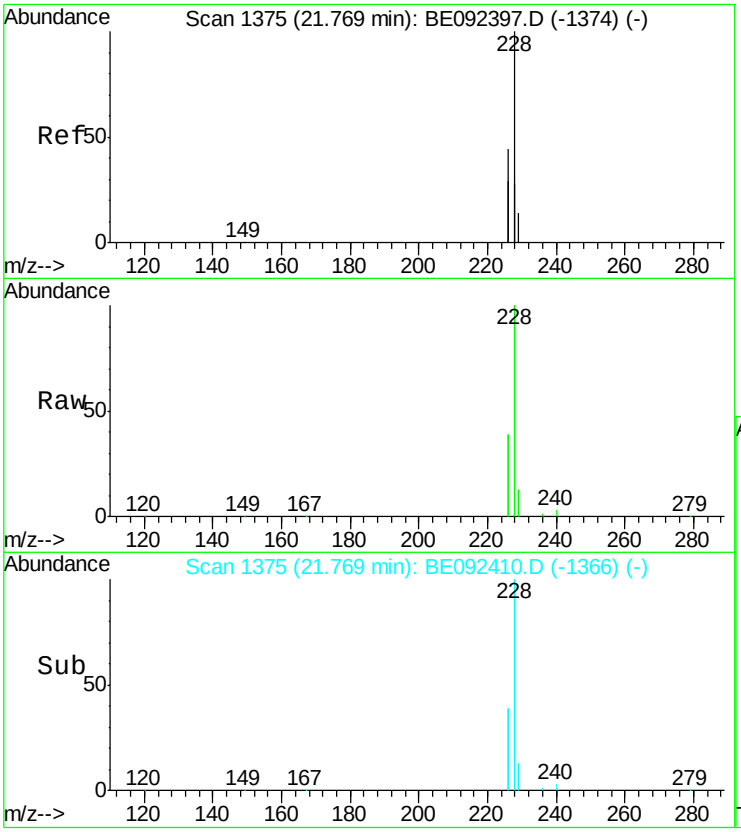


#27
Benzo(a)anthracene
Concen: 10.06 ng
RT: 21.77 min Scan# 1375
Delta R.T. 0.05 min
Lab File: BE092410.D
Acq: 23 Sep 2016 10:53

Tgt Ion:228 Resp: 943291

Ion	Ratio	Lower	Upper
228	100		
226	39.3	23.6	35.4#
229	13.4	13.3	19.9



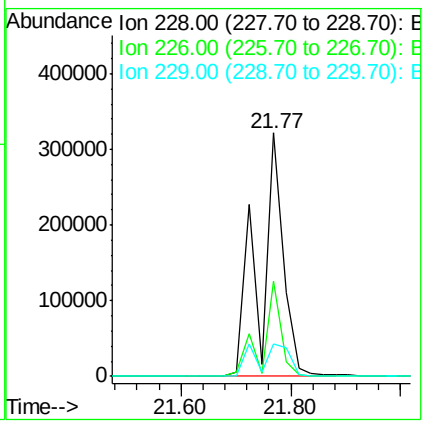


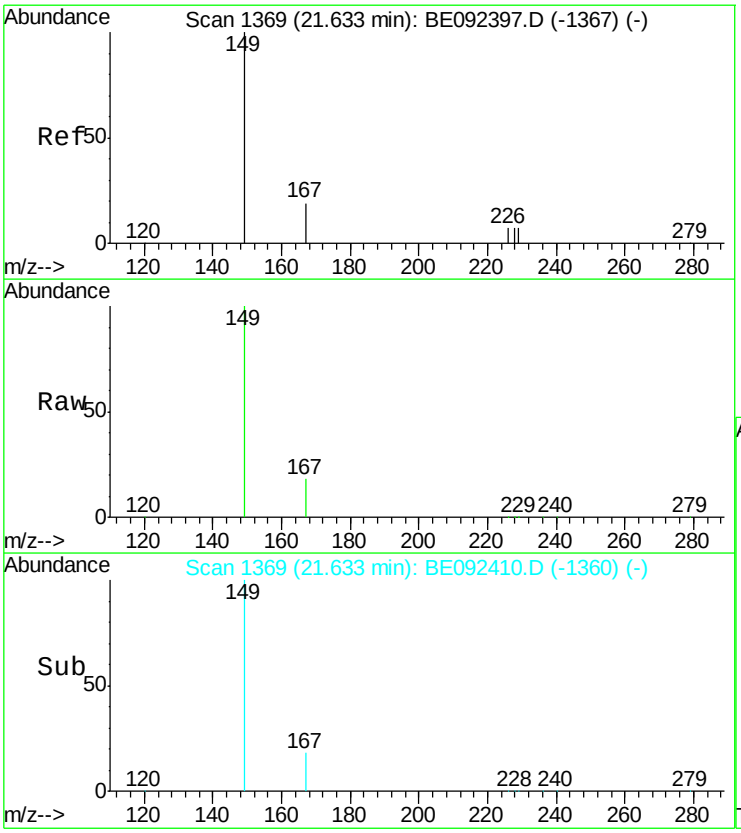
#28
Chrysene
Concen: 11.05 ng
RT: 21.77 min Scan# 1375
Delta R.T. 0.00 min
Lab File: BE092410.D
Acq: 23 Sep 2016 10:53

Instrument :
BNA_E
ClientSampleId :
PT-BN-WPDL

Tgt Ion:228 Resp: 948708

Ion	Ratio	Lower	Upper
228	100		
226	39.3	36.3	54.5
229	13.4	10.6	16.0

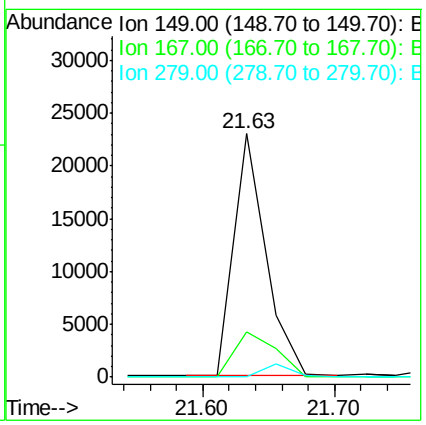


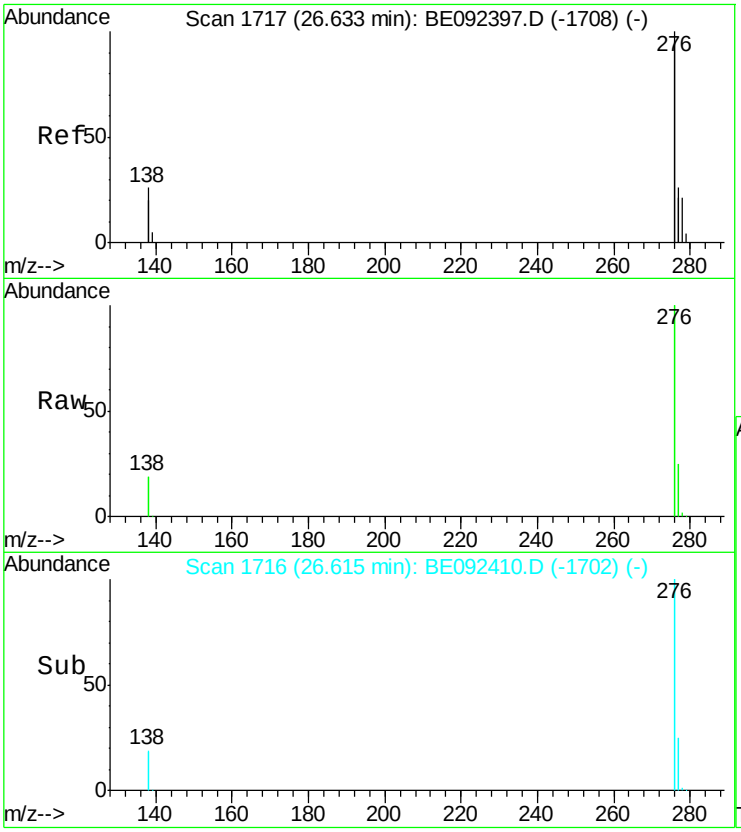


#29
Bis(2-ethylhexyl)phthalate
Concen: 4.87 ng
RT: 21.63 min Scan# 1369
Delta R.T. 0.00 min
Lab File: BE092410.D
Acq: 23 Sep 2016 10:53

Tgt Ion:149 Resp: 39320

Ion	Ratio	Lower	Upper
149	100		
167	23.8	16.0	24.0
279	0.0	16.0	24.0#



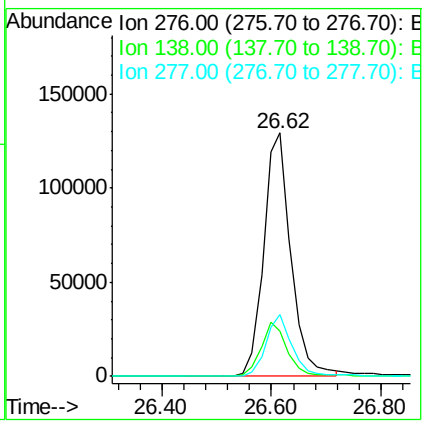


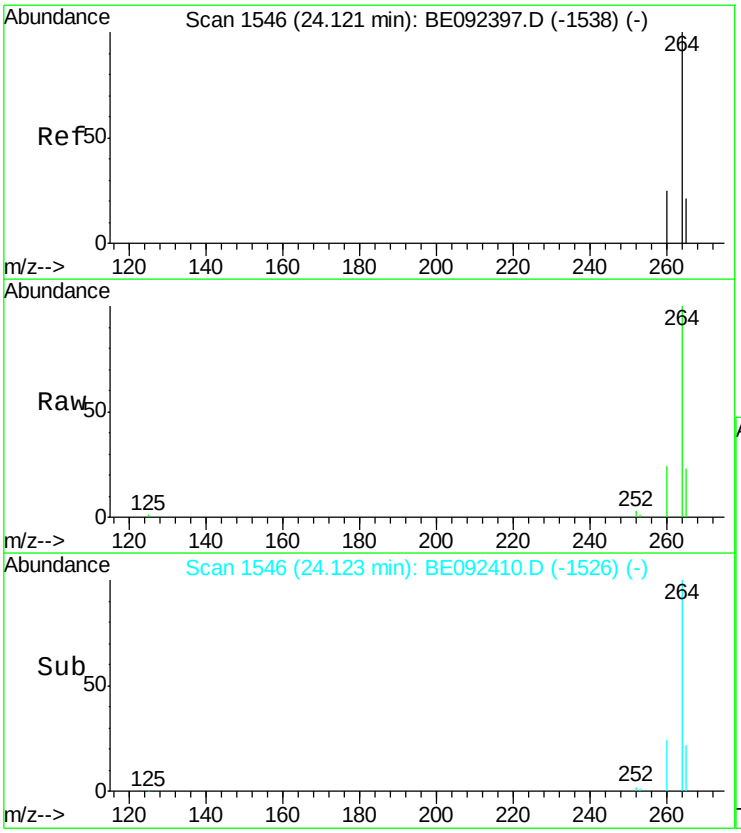
#30
Indeno(1,2,3-cd)pyrene
Concen: 4.90 ng
RT: 26.62 min Scan# 1716
Delta R.T. 0.03 min
Lab File: BE092410.D
Acq: 23 Sep 2016 10:53

Instrument :
BNA_E
ClientSampleId :
PT-BN-WPDL

Tgt Ion:276 Resp: 446450

Ion	Ratio	Lower	Upper
276	100		
138	21.2	20.3	30.5
277	23.9	19.7	29.5

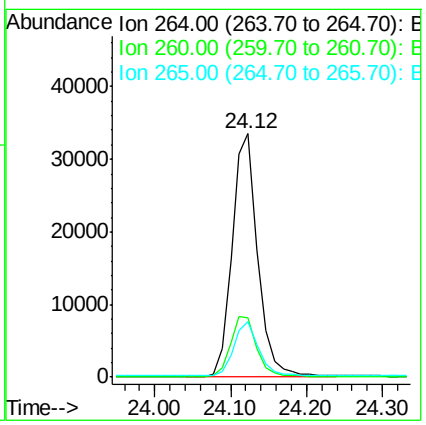


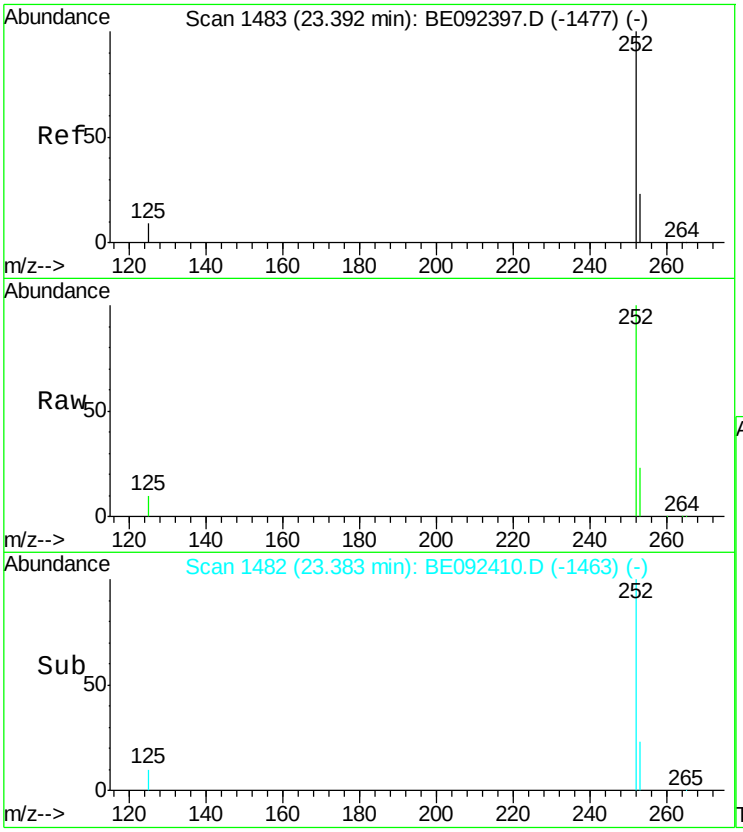


#31
Perylene-d12
Concen: 5.00 ng
RT: 24.12 min Scan# 1546
Delta R.T. 0.04 min
Lab File: BE092410.D
Acq: 23 Sep 2016 10:53

Tgt Ion:264 Resp: 78919

Ion	Ratio	Lower	Upper
264	100		
260	24.1	20.1	30.1
265	22.8	17.9	26.9



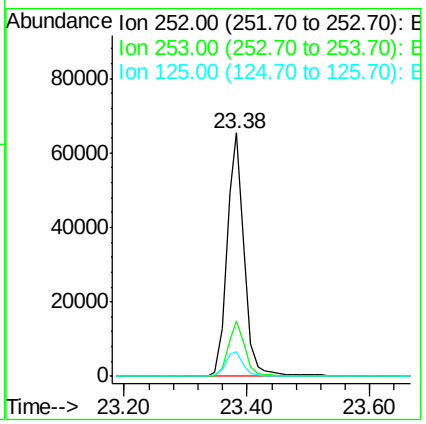


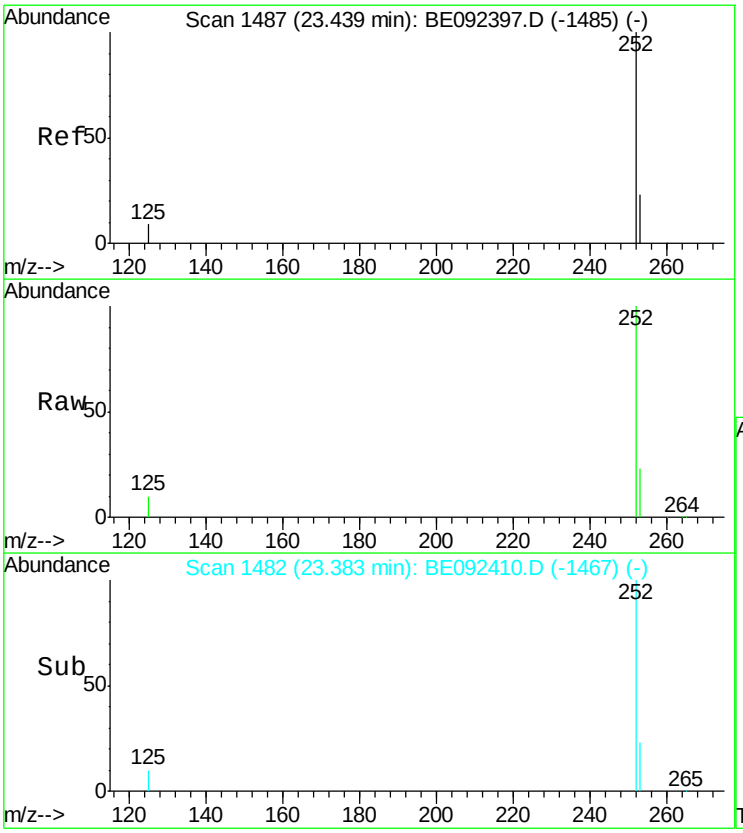
#32
Benzo(b)fluoranthene
Concen: 6.51 ng
RT: 23.38 min Scan# 1482
Delta R.T. 0.02 min
Lab File: BE092410.D
Acq: 23 Sep 2016 10:53

Instrument :
BNA_E
ClientSampleId :
PT-BN-WPDL

Tgt Ion:252 Resp: 124355

Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.7	28.1
125	10.0	10.5	15.7#

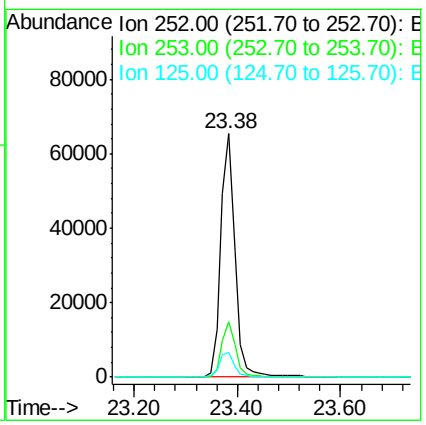


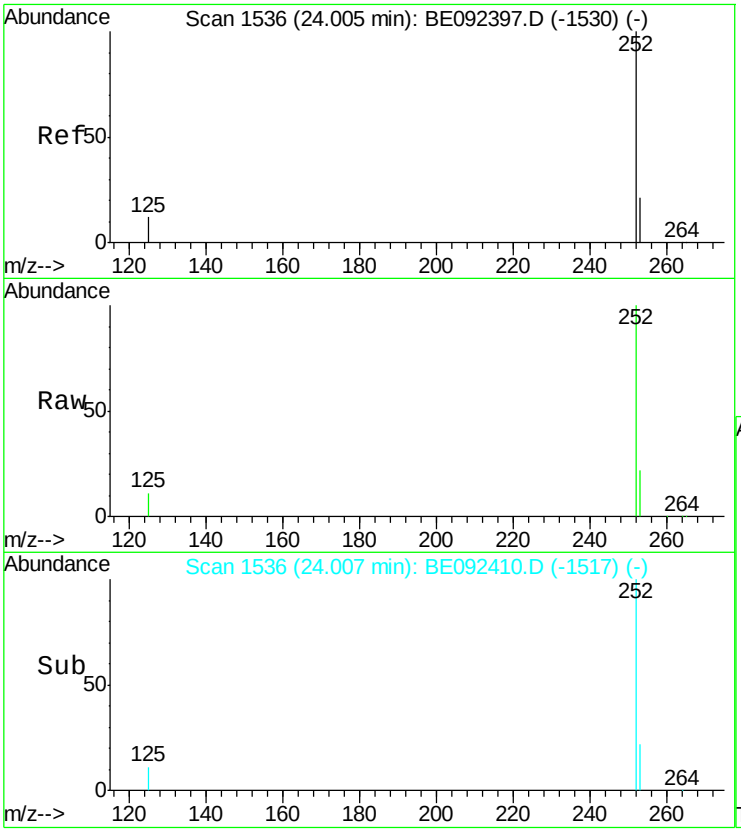


#33
Benzo(k)fluoranthene
Concen: 6.24 ng
RT: 23.38 min Scan# 1482
Delta R.T. -0.02 min
Lab File: BE092410.D
Acq: 23 Sep 2016 10:53

Tgt Ion:252 Resp: 124777

Ion	Ratio	Lower	Upper
252	100		
253	22.7	20.3	30.5
125	10.0	9.6	14.4



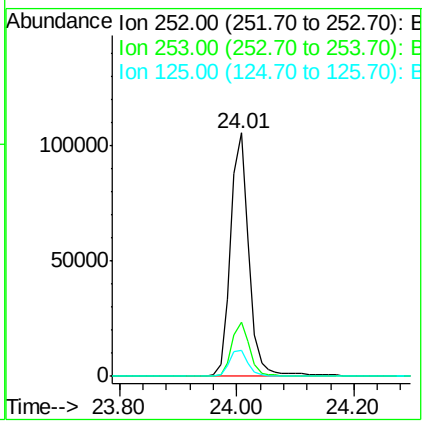


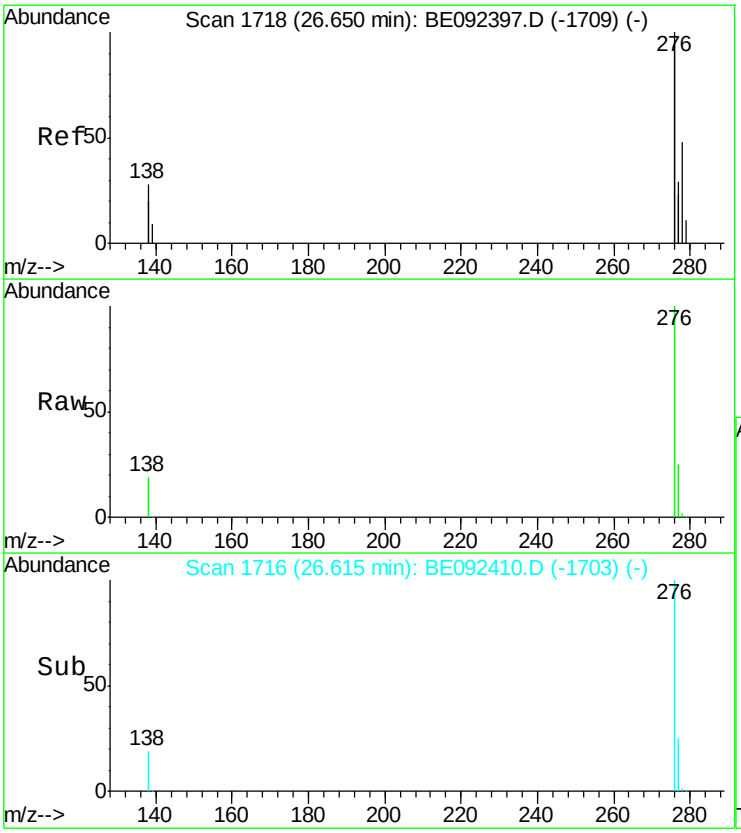
#34
Benzo(a)pyrene
Concen: 12.14 ng
RT: 24.01 min Scan# 1536
Delta R.T. 0.02 min
Lab File: BE092410.D
Acq: 23 Sep 2016 10:53

Instrument :
BNA_E
ClientSampleId :
PT-BN-WPDL

Tgt Ion:252 Resp: 227469

Ion	Ratio	Lower	Upper
252	100		
253	22.1	19.0	28.6
125	10.9	11.8	17.8#

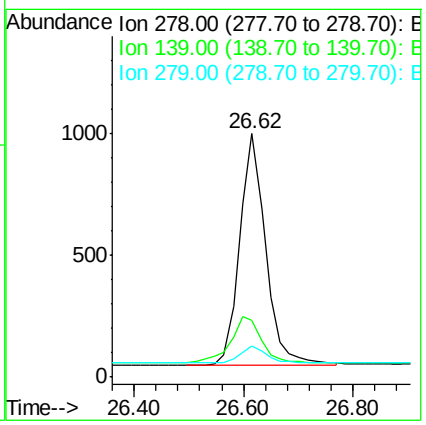


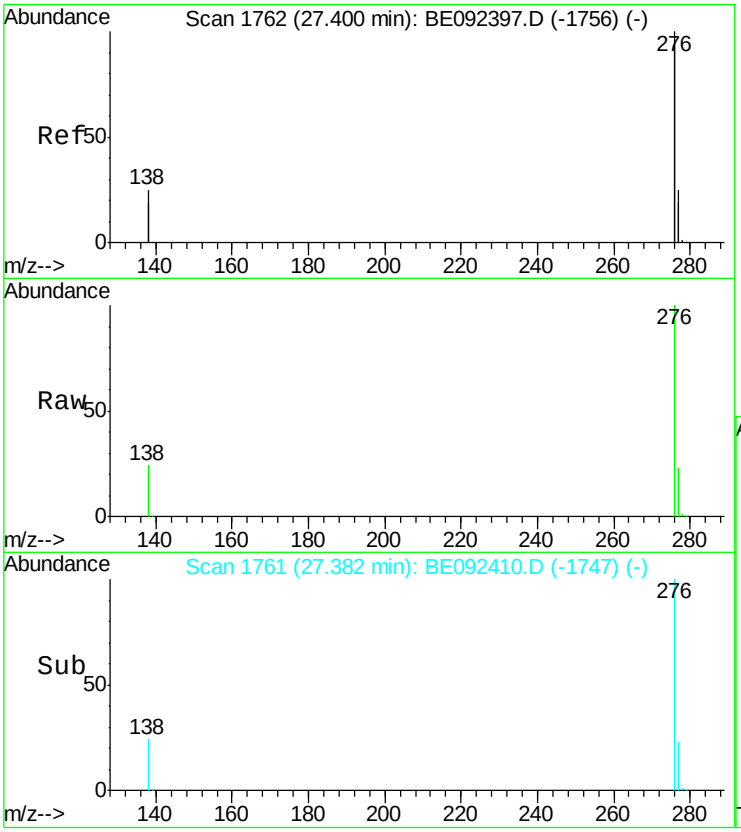


#35
Dibenzo(a,h)anthracene
Concen: 0.18 ng
RT: 26.62 min Scan# 1716
Delta R.T. 0.02 min
Lab File: BE092410.D
Acq: 23 Sep 2016 10:53

Tgt Ion:278 Resp: 3133

Ion	Ratio	Lower	Upper
278	100		
139	23.4	13.8	20.8#
279	12.7	21.4	32.2#





#36
Benzo(g,h,i)perylene
Concen: 10.63 ng
RT: 27.38 min Scan# 1761
Delta R.T. 0.03 min
Lab File: BE092410.D
Acq: 23 Sep 2016 10:53

Instrument :
BNA_E
ClientSampleId :
PT-BN-WPDL

Tgt Ion:276 Resp: 783762

Ion	Ratio	Lower	Upper
276	100		
277	22.6	19.8	29.8
138	23.9	19.8	29.6