Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE092316\
Data File : BE092409.D
Acq On : 23 Sep 2016 10:14
Operator : UM/SJ
Sample : H4803-05
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : PT-BN-WP

Quant Time: Sep 23 19:25:38 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	11418	5.00	ng		-0.02
7) Naphthalene-d8	10.95	136	51697	5.00	ng		0.00
12) Acenaphthene-d10	14.82	164	30785	5.00	ng		0.00
18) Phenanthrene-d10	17.58	188	69491	5.00	ng		0.02
24) Chrysene-d12	21.75	240	80584	5.00	ng		0.00
31) Perylene-d12	24.12	264	90120	5.00	ng		0.04
System Monitoring Compounds							
4) 2-Fluorophenol	5.66	112	312590	114.51	ng		-0.02
5) Phenol-d6	7.33	99	465101	119.77	ng		-0.02
8) Nitrobenzene-d5	9.34	82	273882	71.69	ng		-0.02
13) 2,4,6-Tribromophenol	16.31	330	126290	113.56	ng		-0.01
14) 2-Fluorobiphenyl	13.43	172	553500	75.94	ng		-0.01
26) Terphenyl-d14	20.19	244	766341	76.66	ng		0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.53	88	8	Below Cal		#	1
3) n-Nitrosodimethylamine	3.83	42	14	0.20	ng	#	1
6) bis(2-Chloroethyl)ether	7.59	93	413619	134.44	ng	#	27
9) Naphthalene	10.99	128	172250	15.39	ng	#	95
10) Hexachlorobutadiene	11.28	225	105789	60.06	ng		100
11) 2-Methylnaphthalene	12.62	142	401599	54.22	ng	#	90
15) Acenaphthylene	14.53	152	5618541	126.04	ng		99
16) Acenaphthene	14.88	154	381238	54.61	ng		93
17) Fluorene	15.87	166	1001168	113.10	ng		100
19) Hexachlorobenzene	16.89	284	175774	59.09	ng		91
20) Pentachlorophenol	17.28	266	18	0.19	ng	#	73
21) Phenanthrene	17.69	178	719108	45.03	ng	#	95
22) Anthracene	17.69	178	724037	47.15	ng		98
23) Fluoranthene	19.61	202	8473846	111.66	ng	#	97
25) Pyrene	19.95	202	73953	1.06	ng	#	1
27) Benzo(a)anthracene	21.79	228	8541932	108.77	ng	#	89
28) Chrysene	21.79	228	8571014	119.18	ng	#	70
29) Bis(2-ethylhexyl)phthalate	21.66	149	402942	59.59	ng	#	73
30) Indeno(1,2,3-cd)pyrene	26.65	276	4513863	59.16	ng		95
32) Benzo(b)fluoranthene	23.39	252	1163619	53.32	ng		97
33) Benzo(k)fluoranthene	23.39	252	1166105	51.05	ng		95
34) Benzo(a)pyrene	24.03	252	1985197	92.81	ng		97
35) Dibenzo(a,h)anthracene	26.65	278	31977	1.63	ng	#	76
36) Benzo(g,h,i)perylene	27.45	276	7521342	89.30	ng		97

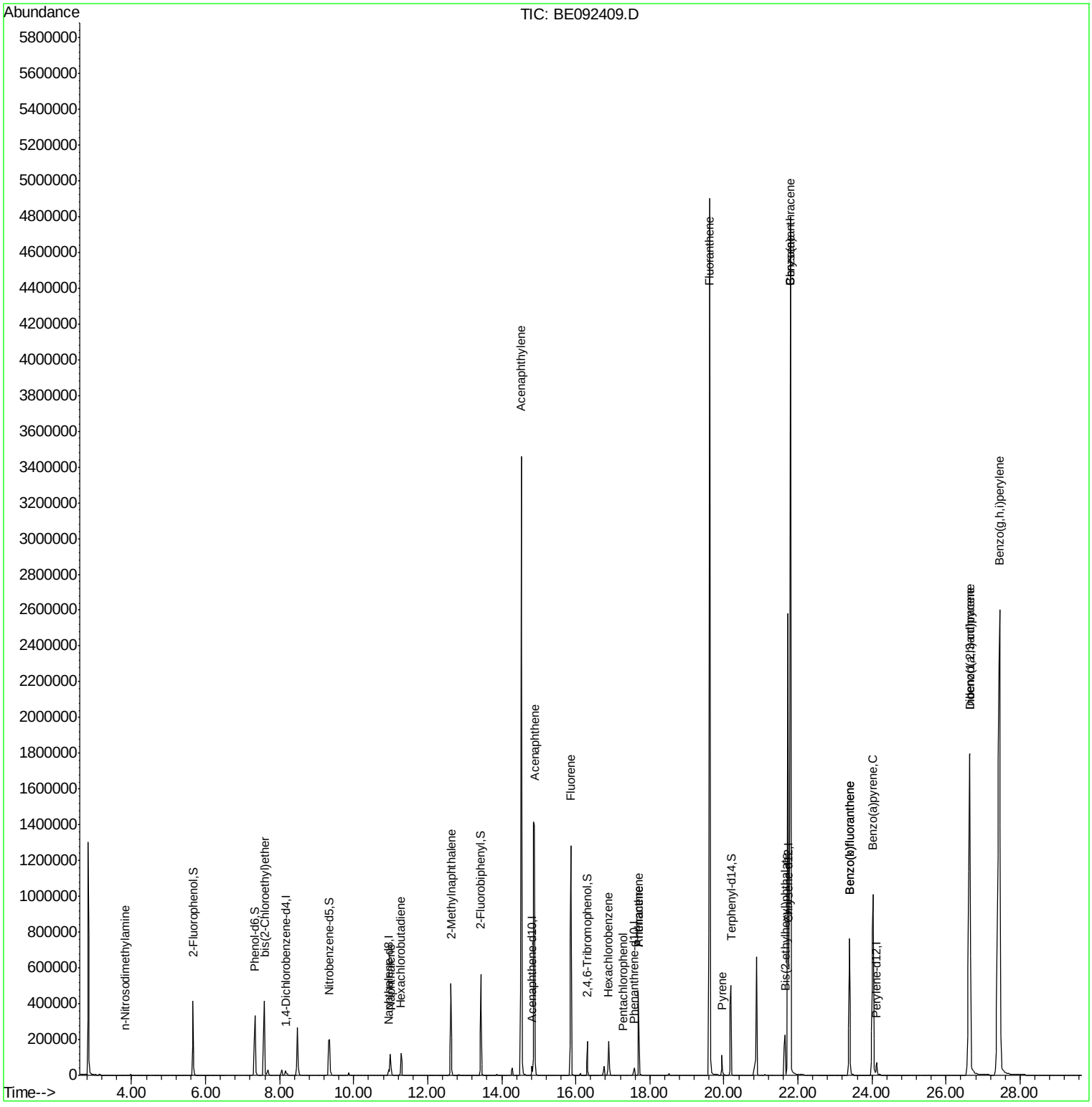
(#) = qualifier out of range (m) = manual integration (+) = signals summed

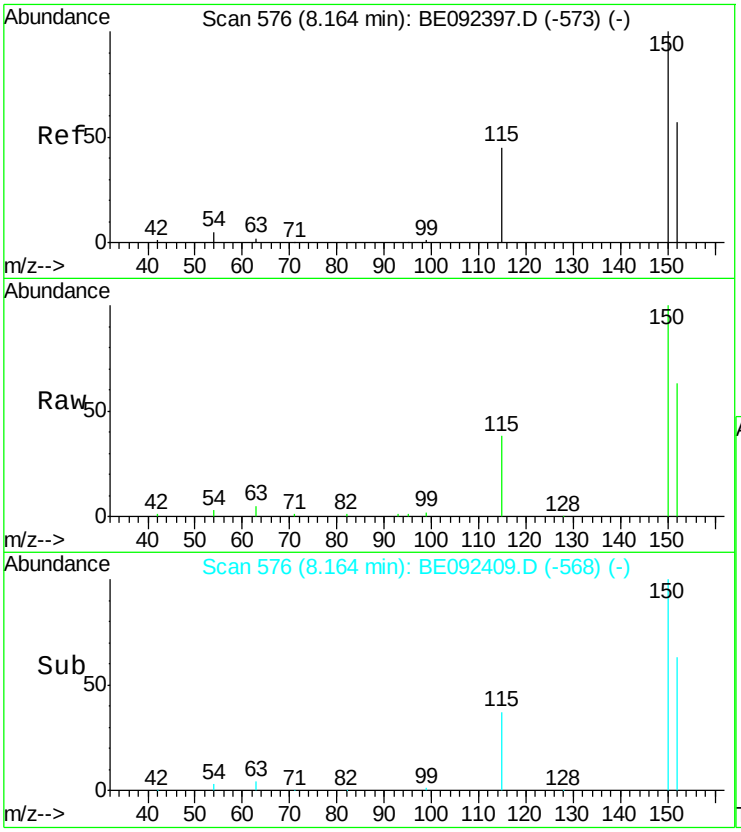
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE092316\
Data File : BE092409.D
Acq On : 23 Sep 2016 10:14
Operator : UM/SJ
Sample : H4803-05
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
PT-BN-WP

Quant Time: Sep 23 19:25:38 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



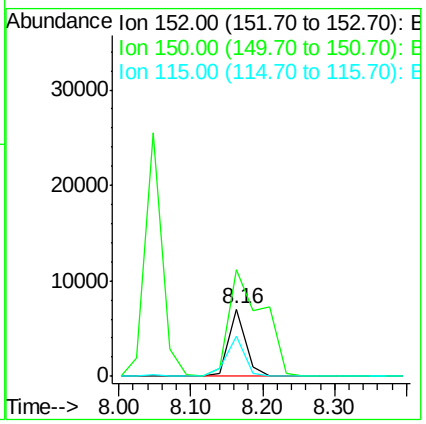


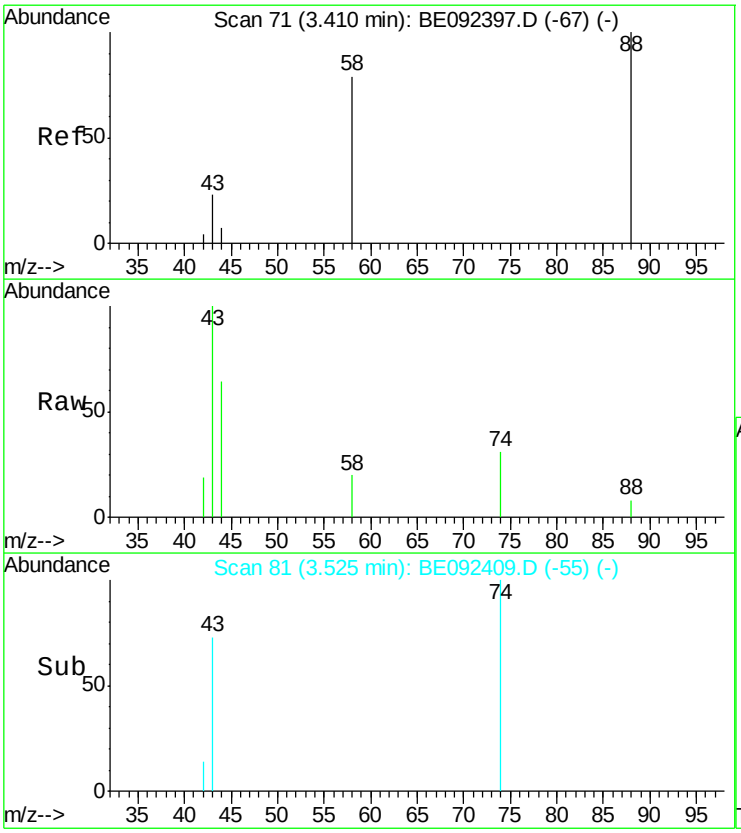
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 8.16 min Scan# 576
Delta R.T. -0.02 min
Lab File: BE092409.D
Acq: 23 Sep 2016 10:14

Instrument :
BNA_E
ClientSampleId :
PT-BN-WP

Tgt Ion:152 Resp: 11418

Ion	Ratio	Lower	Upper
152	100		
150	158.2	106.0	159.0
115	59.3	31.2	46.8#

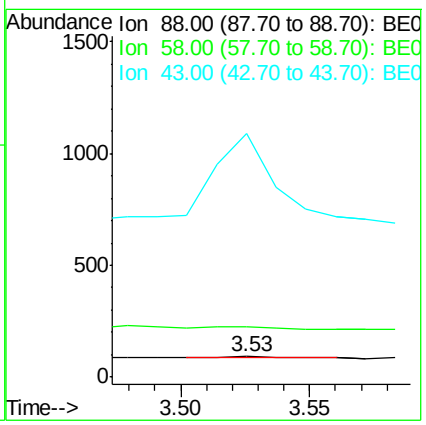


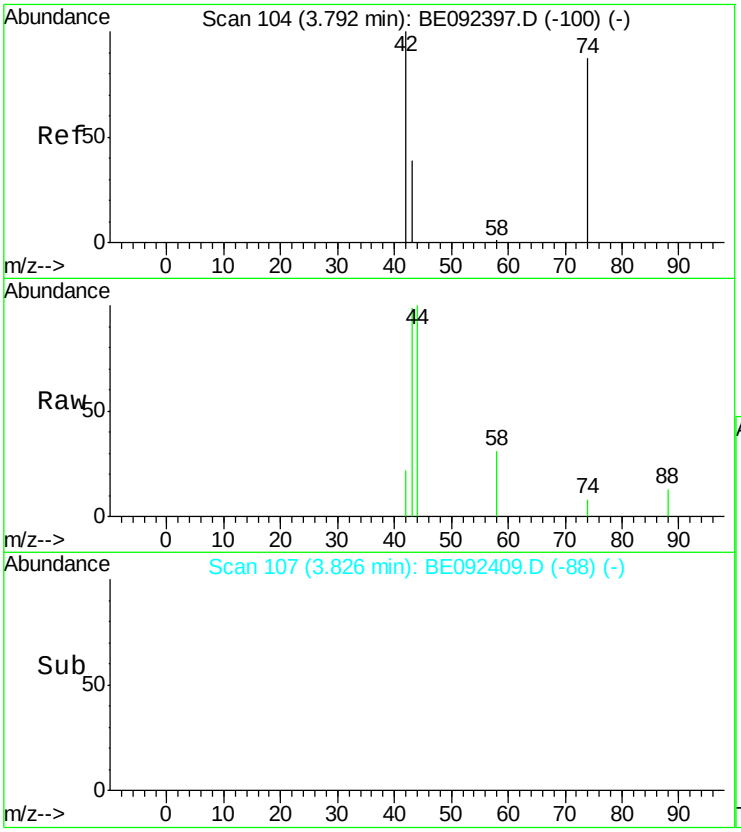


#2
1,4-Dioxane
Concen: Below Cal
RT: 3.53 min Scan# 81
Delta R.T. 0.10 min
Lab File: BE092409.D
Acq: 23 Sep 2016 10:14

Tgt Ion: 88 Resp: 8

Ion	Ratio	Lower	Upper
88	100		
58	0.0	63.6	95.4#
43	6812.5	28.0	42.0#



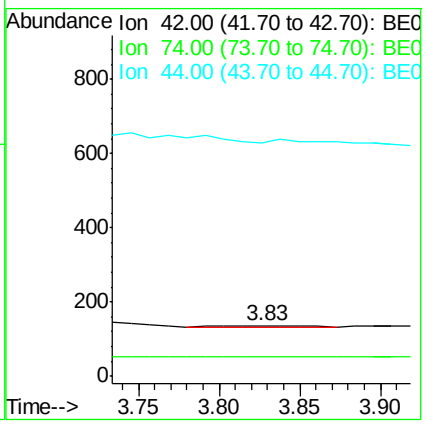


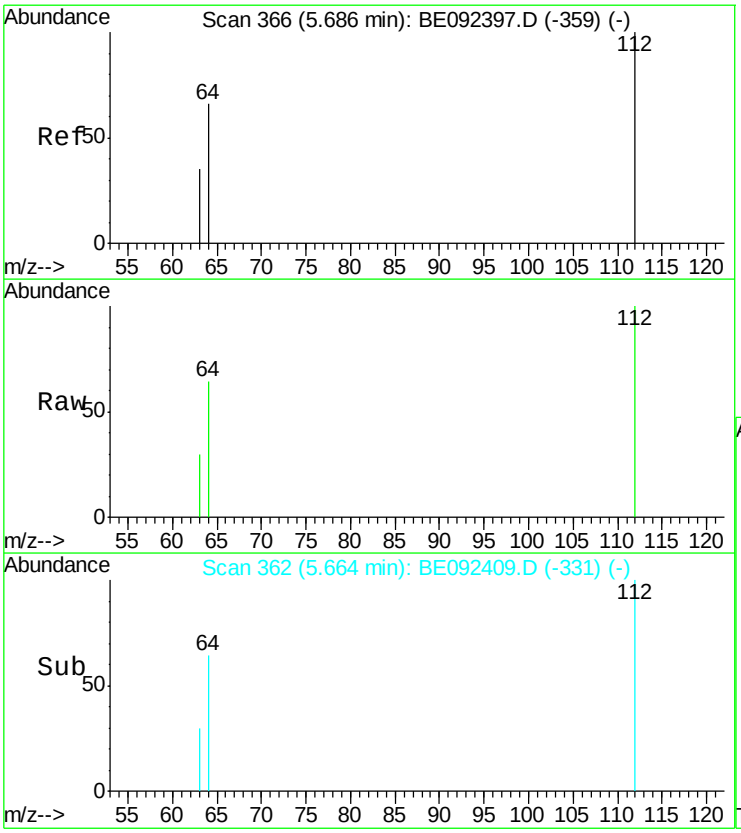
#3
n-Nitrosodimethylamine
Concen: 0.20 ng
RT: 3.83 min Scan# 107
Delta R.T. 0.02 min
Lab File: BE092409.D
Acq: 23 Sep 2016 10:14

Instrument :
BNA_E
ClientSampleId :
PT-BN-WP

Tgt Ion: 42 Resp: 14

Ion	Ratio	Lower	Upper
42	100		
74	0.0	86.0	129.0#
44	264.3	5.1	7.7#

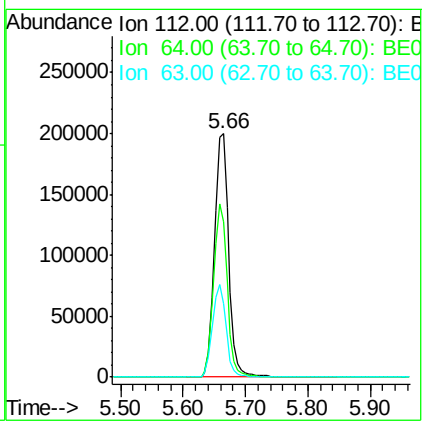


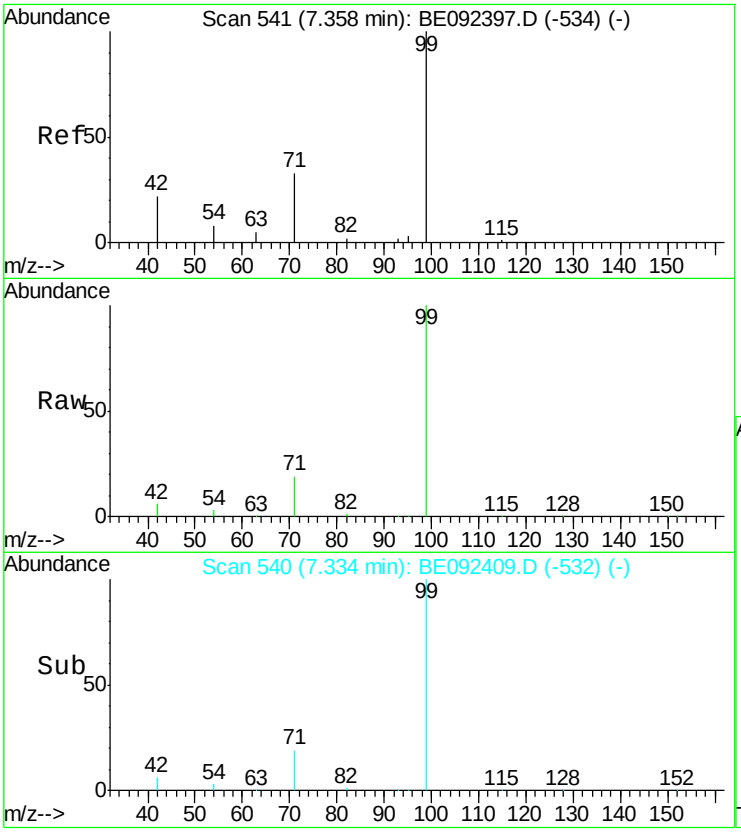


#4
2-Fluorophenol
Concen: 114.51 ng
RT: 5.66 min Scan# 362
Delta R.T. -0.02 min
Lab File: BE092409.D
Acq: 23 Sep 2016 10:14

Tgt Ion:112 Resp: 312590

Ion	Ratio	Lower	Upper
112	100		
64	68.6	53.5	80.3
63	36.3	27.9	41.9



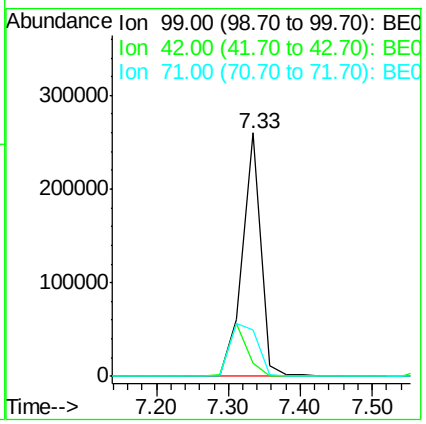


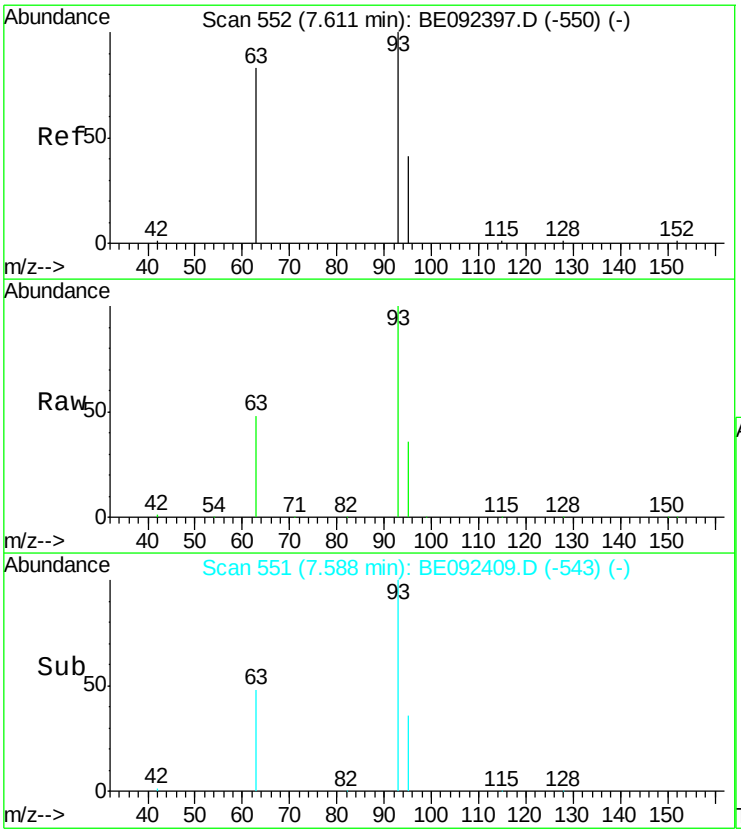
#5
Phenol-d6
Concen: 119.77 ng
RT: 7.33 min Scan# 540
Delta R.T. -0.02 min
Lab File: BE092409.D
Acq: 23 Sep 2016 10:14

Instrument :
BNA_E
ClientSampleId :
PT-BN-WP

Tgt Ion: 99 Resp: 465101

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

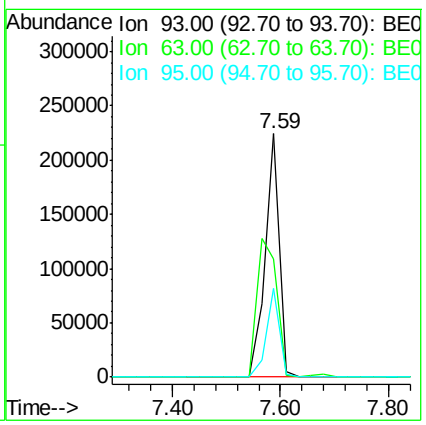


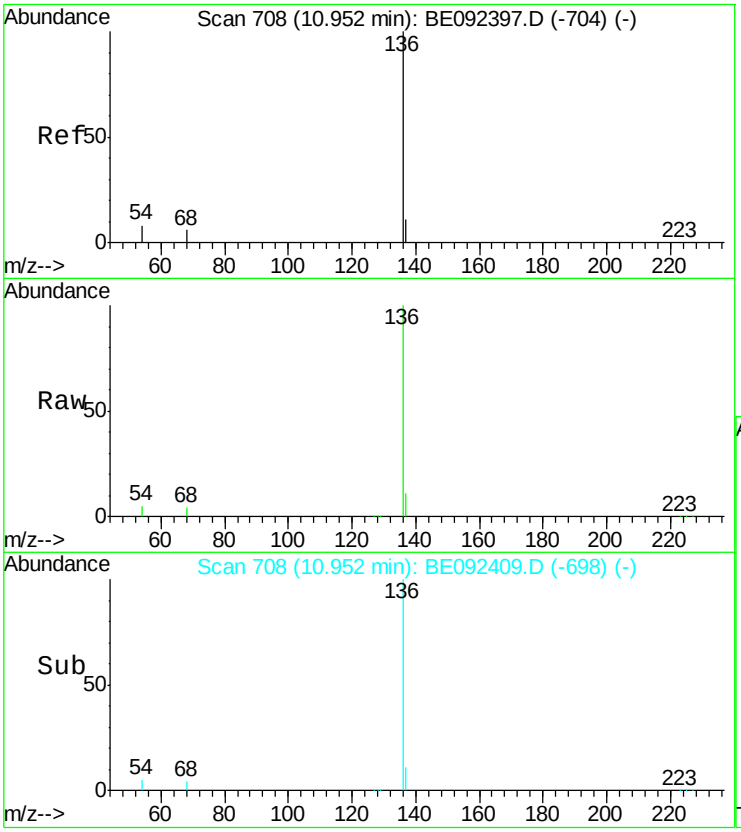


#6
bis(2-Chloroethyl)ether
Concen: 134.44 ng
RT: 7.59 min Scan# 551
Delta R.T. -0.02 min
Lab File: BE092409.D
Acq: 23 Sep 2016 10:14

Tgt Ion: 93 Resp: 413619

Ion	Ratio	Lower	Upper
93	100		
63	0.0	71.6	107.4#
95	33.4	24.0	36.0



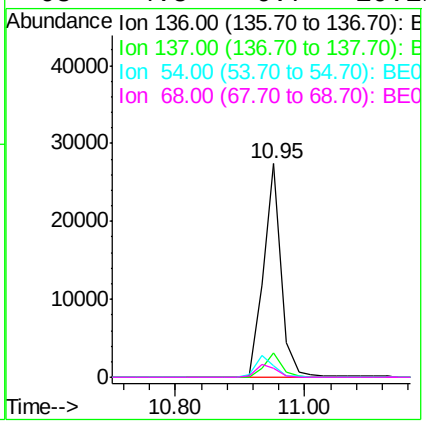


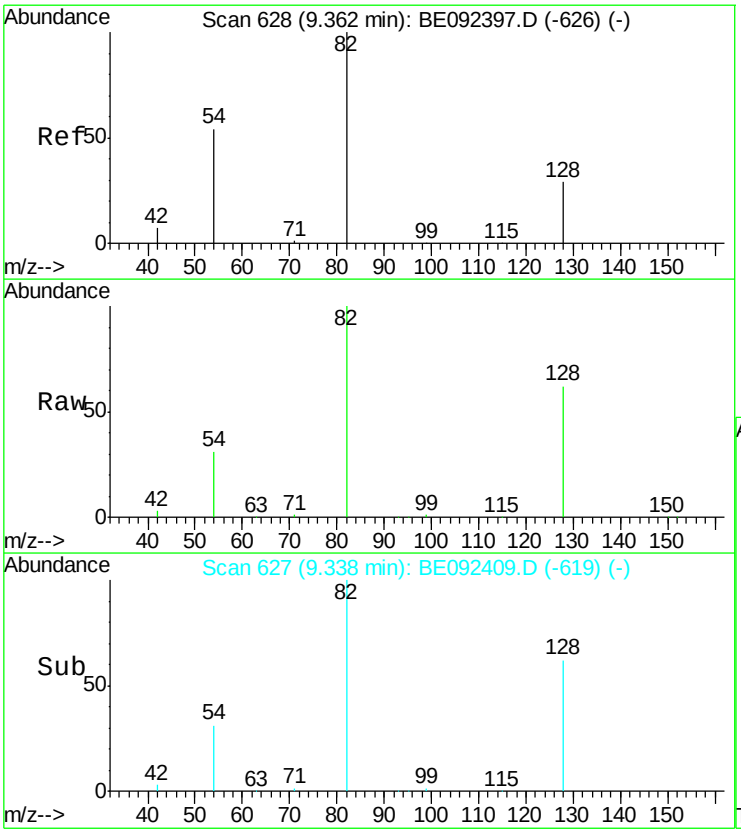
#7
Naphthalene-d8
Concen: 5.00 ng
RT: 10.95 min Scan# 708
Delta R.T. 0.00 min
Lab File: BE092409.D
Acq: 23 Sep 2016 10:14

Instrument :
BNA_E
ClientSampleId :
PT-BN-WP

Tgt Ion:136 Resp: 51697

Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.2	12.4
54	5.5	9.6	14.4#
68	4.5	6.7	10.1#

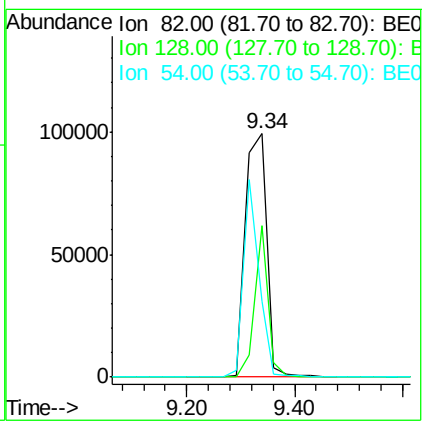


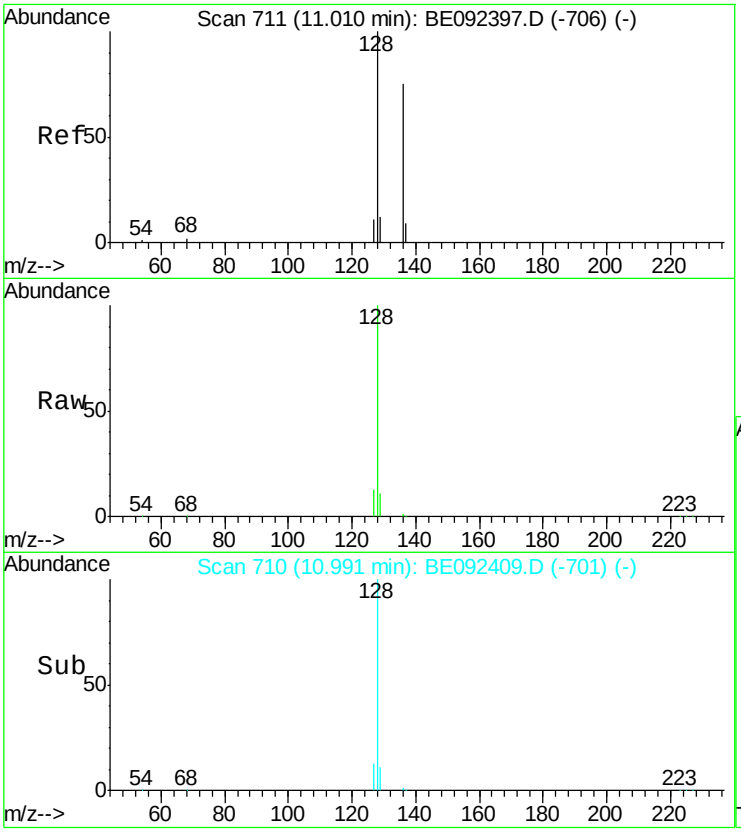


#8
Nitrobenzene-d5
Concen: 71.69 ng
RT: 9.34 min Scan# 627
Delta R.T. -0.02 min
Lab File: BE092409.D
Acq: 23 Sep 2016 10:14

Tgt Ion: 82 Resp: 273882

Ion	Ratio	Lower	Upper
82	100		
128	62.4	39.0	58.4#
54	31.2	44.8	67.2#



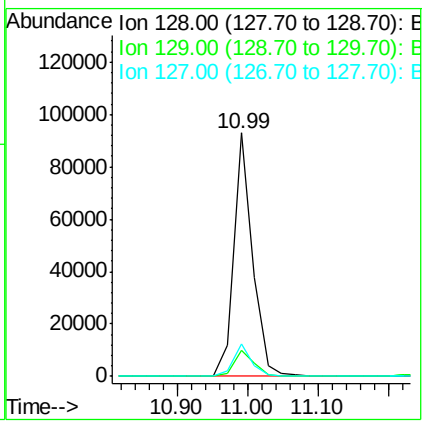


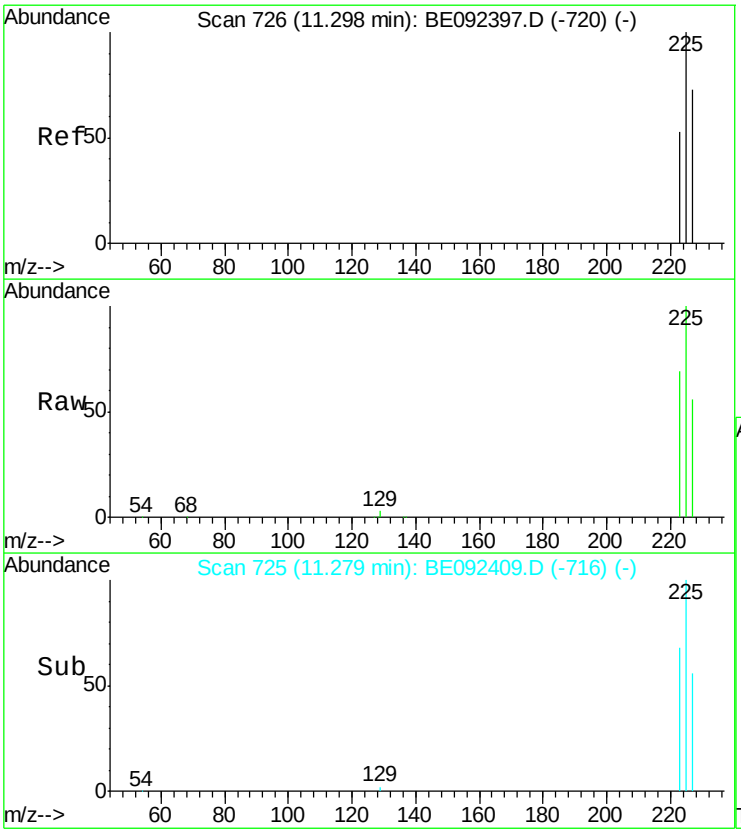
#9
Naphthalene
Concen: 15.39 ng
RT: 10.99 min Scan# 710
Delta R.T. -0.02 min
Lab File: BE092409.D
Acq: 23 Sep 2016 10:14

Instrument :
BNA_E
ClientSampleId :
PT-BN-WP

Tgt Ion:128 Resp: 172250

Ion	Ratio	Lower	Upper
128	100		
129	10.8	11.2	16.8#
127	13.4	11.6	17.4

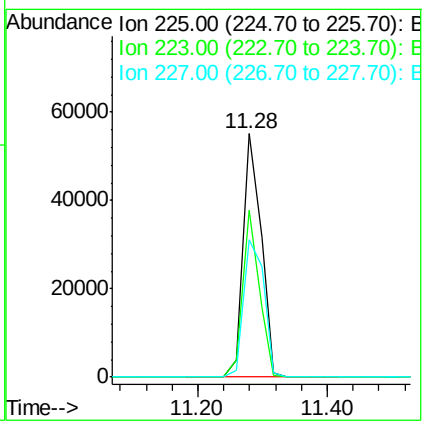


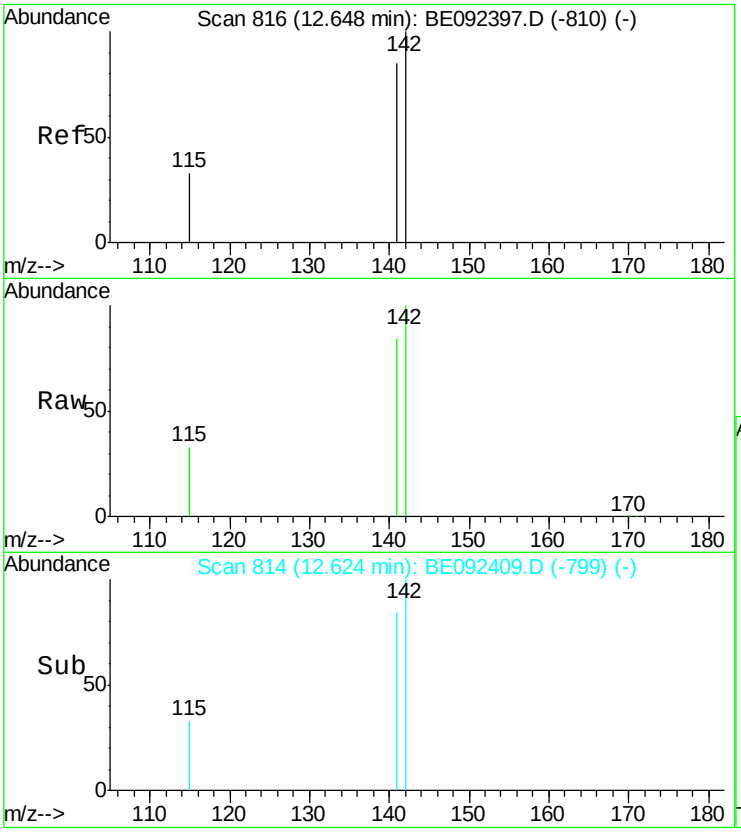


#10
Hexachlorobutadiene
Concen: 60.06 ng
RT: 11.28 min Scan# 725
Delta R.T. -0.02 min
Lab File: BE092409.D
Acq: 23 Sep 2016 10:14

Tgt Ion:225 Resp: 105789

Ion	Ratio	Lower	Upper
225	100		
223	62.9	50.6	76.0
227	64.0	51.4	77.0



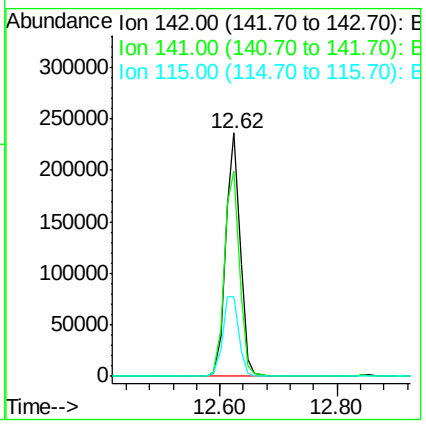


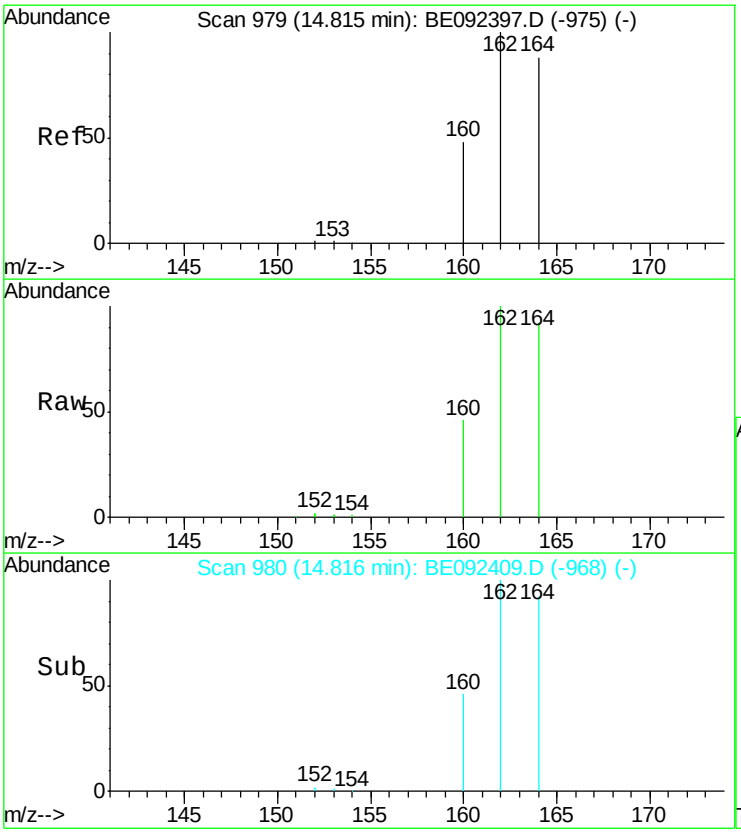
#11
2-Methylnaphthalene
Concen: 54.22 ng
RT: 12.62 min Scan# 814
Delta R.T. -0.02 min
Lab File: BE092409.D
Acq: 23 Sep 2016 10:14

Instrument :
BNA_E
ClientSampleId :
PT-BN-WP

Tgt Ion:142 Resp: 401599

Ion	Ratio	Lower	Upper
142	100		
141	84.5	73.7	110.5
115	33.0	34.0	51.0#

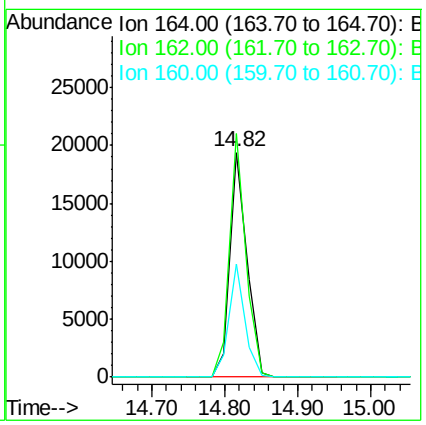


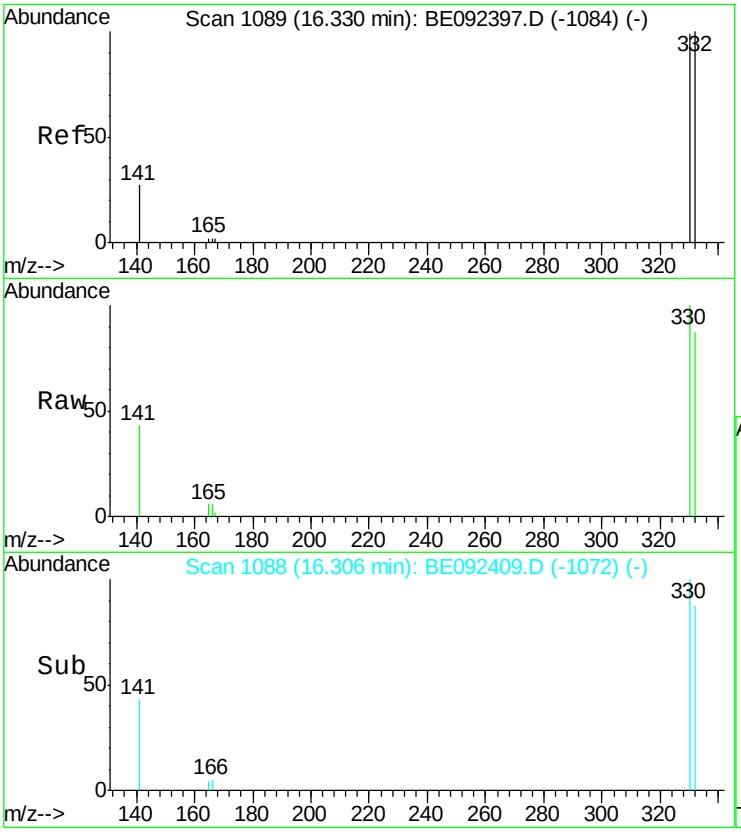


#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.82 min Scan# 980
Delta R.T. 0.00 min
Lab File: BE092409.D
Acq: 23 Sep 2016 10:14

Tgt Ion:164 Resp: 30785

Ion	Ratio	Lower	Upper
164	100		
162	108.3	71.4	107.0#
160	50.2	27.4	41.2#



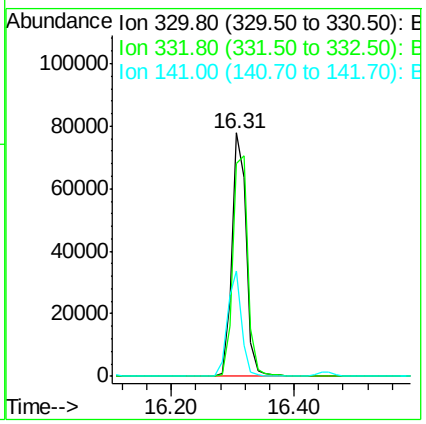


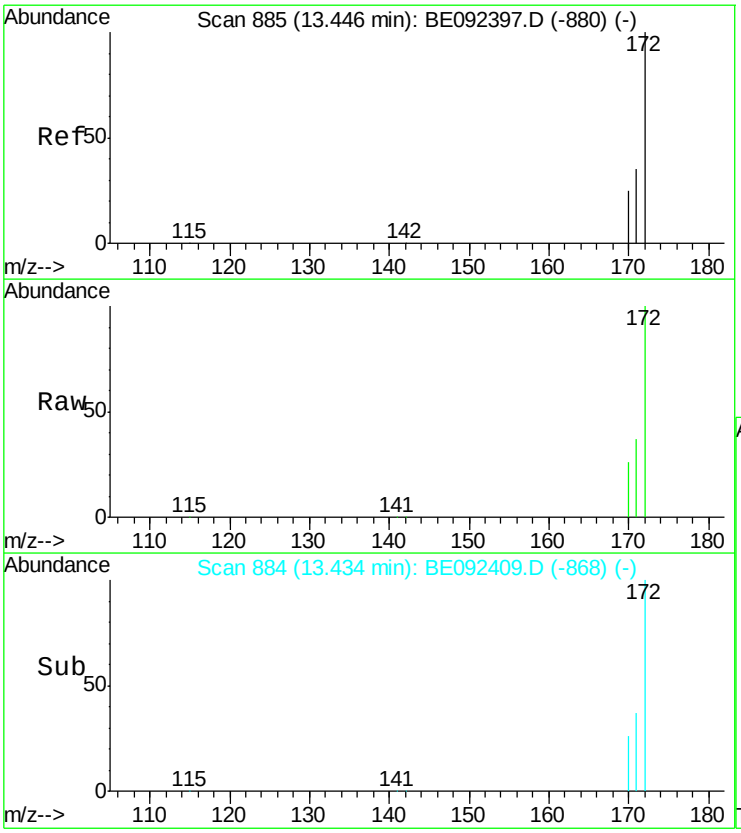
#13
2,4,6-Tribromophenol
Concen: 113.56 ng
RT: 16.31 min Scan# 1088
Delta R.T. -0.01 min
Lab File: BE092409.D
Acq: 23 Sep 2016 10:14

Instrument :
BNA_E
ClientSampleId :
PT-BN-WP

Tgt Ion:330 Resp: 126290

Ion	Ratio	Lower	Upper
330	100		
332	96.5	75.4	113.0
141	41.6	31.0	46.6

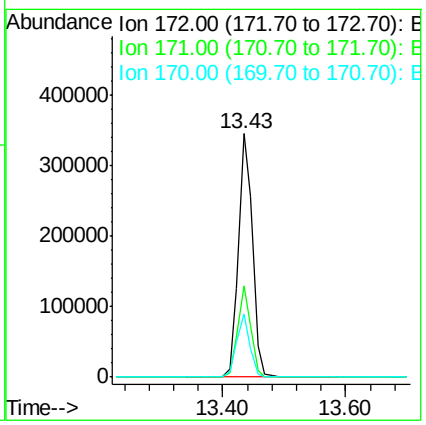


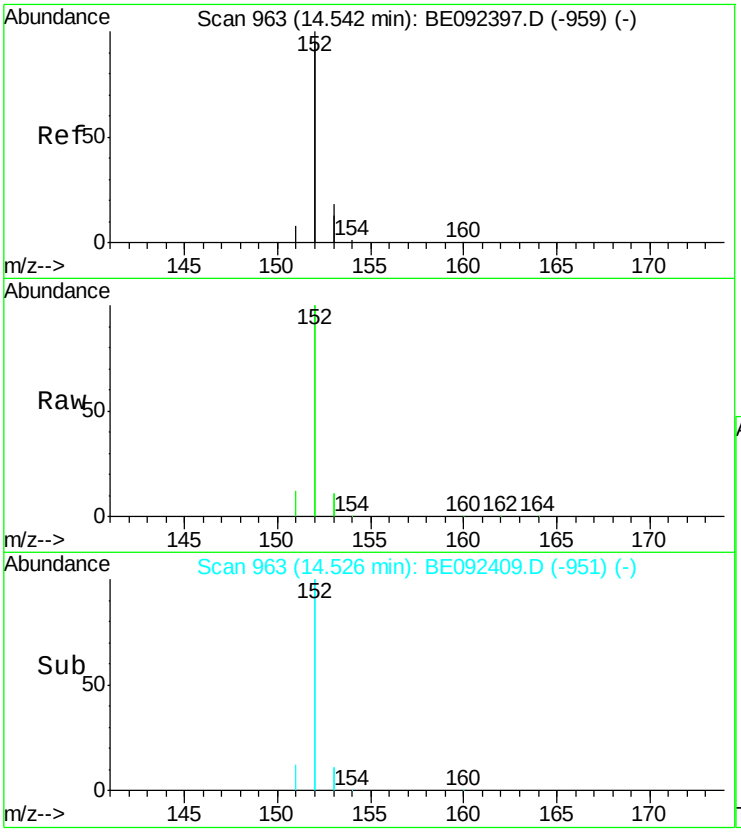


#14
2-Fluorobiphenyl
Concen: 75.94 ng
RT: 13.43 min Scan# 884
Delta R.T. -0.01 min
Lab File: BE092409.D
Acq: 23 Sep 2016 10:14

Tgt Ion:172 Resp: 553500

Ion	Ratio	Lower	Upper
172	100		
171	37.4	30.1	45.1
170	26.0	21.8	32.6



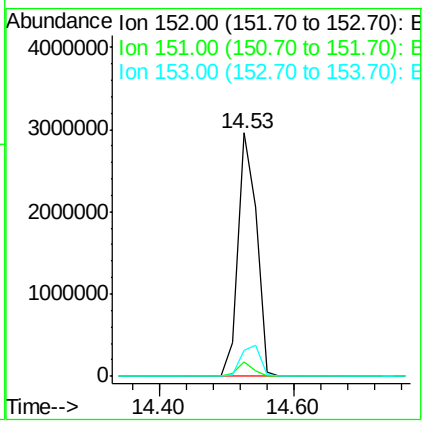


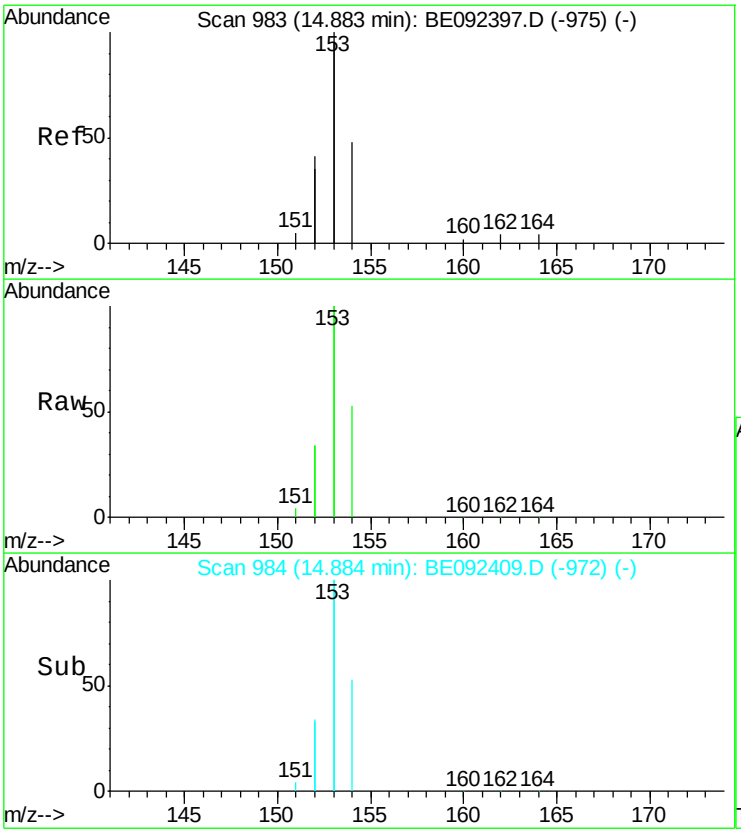
#15
Acenaphthylene
Concen: 126.04 ng
RT: 14.53 min Scan# 963
Delta R.T. 0.00 min
Lab File: BE092409.D
Acq: 23 Sep 2016 10:14

Instrument :
BNA_E
ClientSampleId :
PT-BN-WP

Tgt Ion:152 Resp: 5618541

Ion	Ratio	Lower	Upper
152	100		
151	5.1	3.9	5.9
153	13.6	10.4	15.6

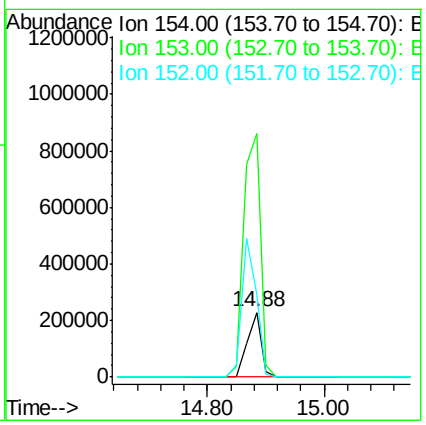


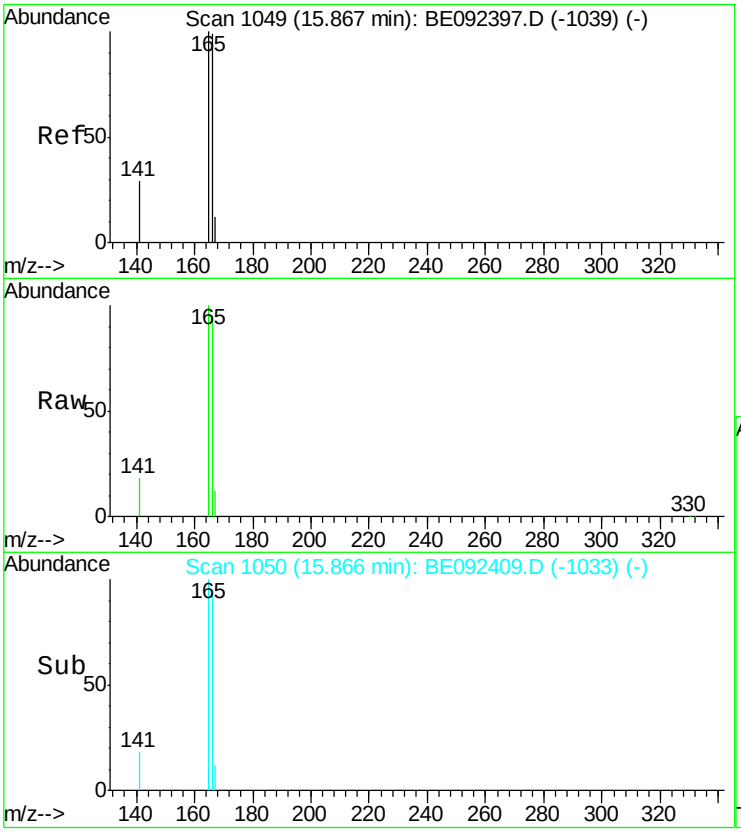


#16
Acenaphthene
Concen: 54.61 ng
RT: 14.88 min Scan# 984
Delta R.T. 0.00 min
Lab File: BE092409.D
Acq: 23 Sep 2016 10:14

Tgt Ion:154 Resp: 381238

Ion	Ratio	Lower	Upper
154	100		
153	455.1	350.8	526.2
152	224.1	171.1	256.7



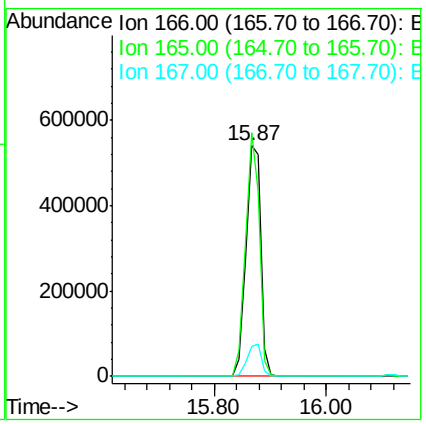


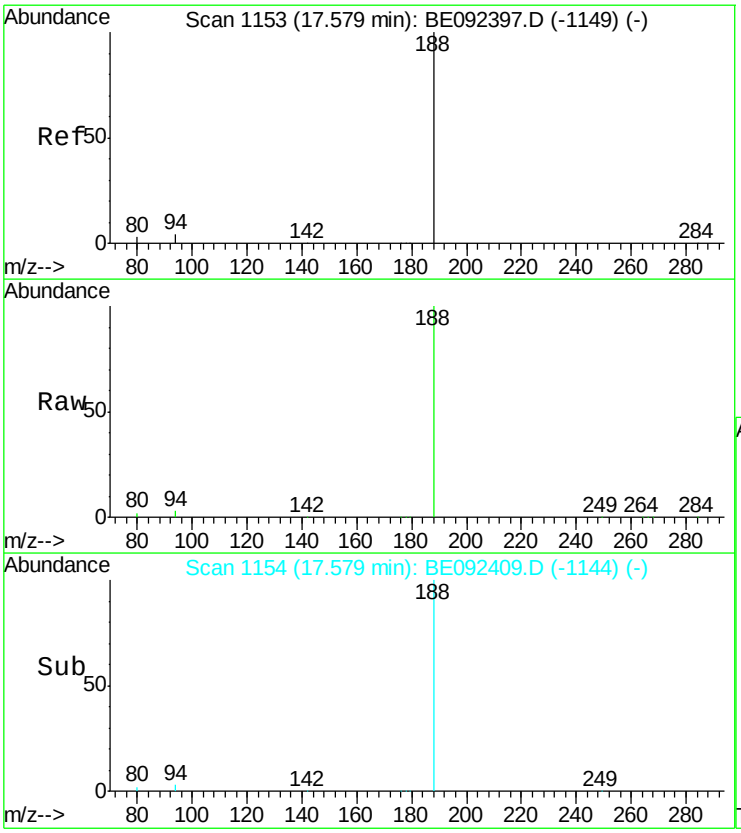
#17
Fluorene
Concen: 113.10 ng
RT: 15.87 min Scan# 1050
Delta R.T. -0.00 min
Lab File: BE092409.D
Acq: 23 Sep 2016 10:14

Instrument :
BNA_E
ClientSampleId :
PT-BN-WP

Tgt Ion:166 Resp: 1001168

Ion	Ratio	Lower	Upper
166	100		
165	98.3	78.2	117.4
167	13.7	11.0	16.4

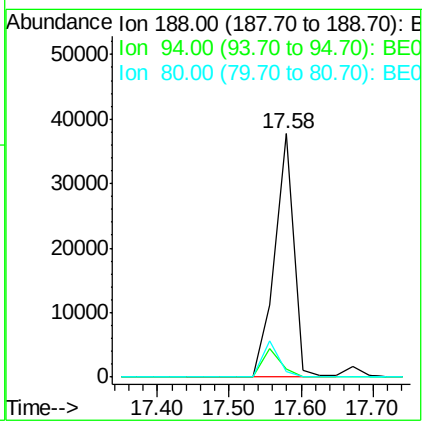


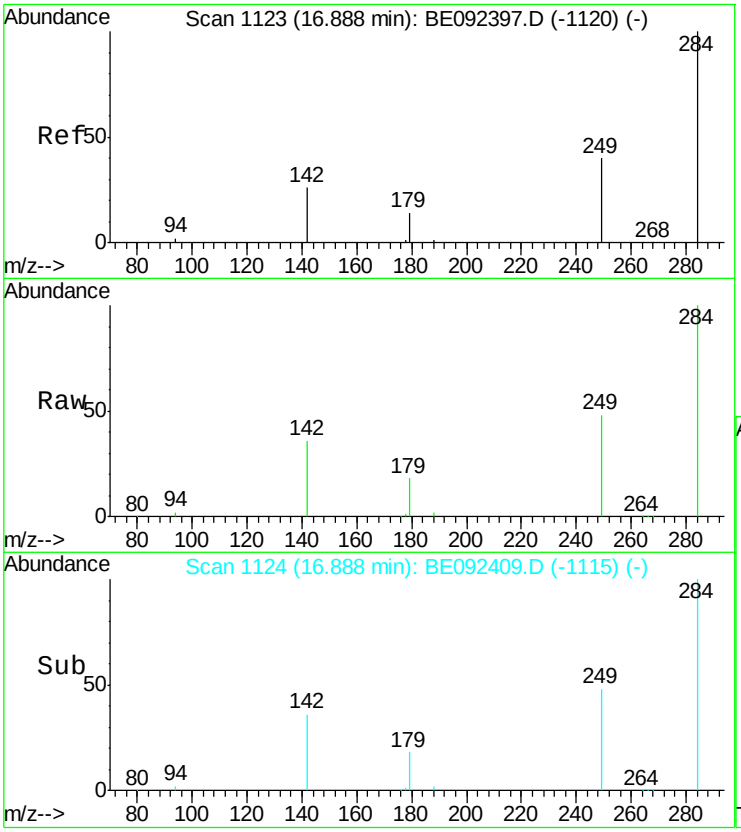


#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.58 min Scan# 1154
Delta R.T. 0.02 min
Lab File: BE092409.D
Acq: 23 Sep 2016 10:14

Tgt Ion:188 Resp: 69491

Ion	Ratio	Lower	Upper
188	100		
94	3.1	3.2	4.8#
80	2.5	2.6	3.8#



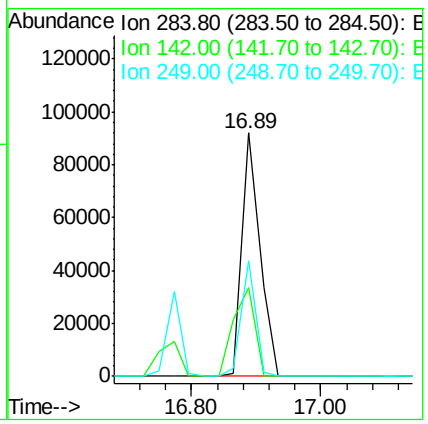


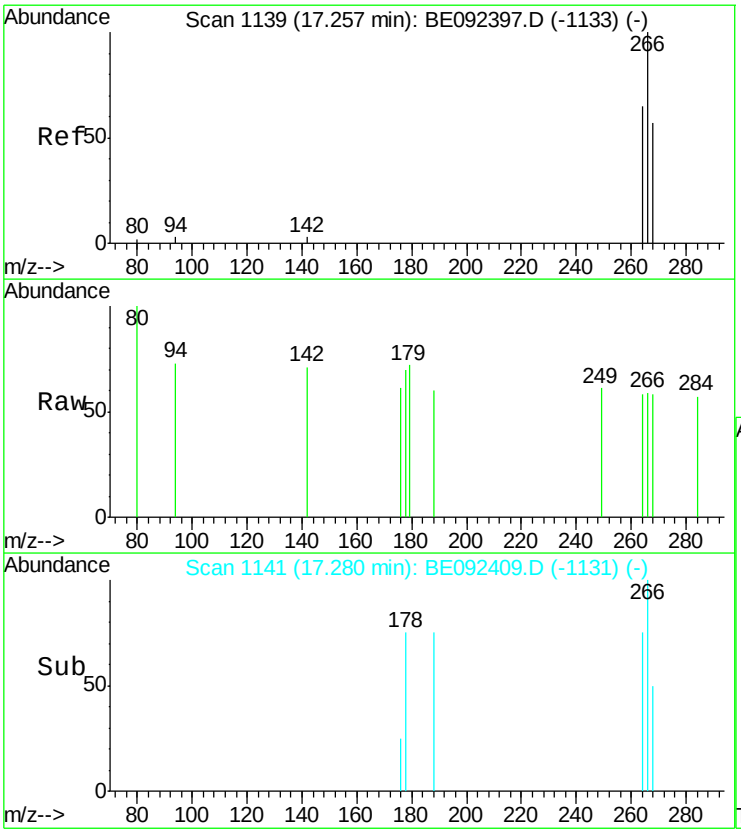
#19
Hexachlorobenzene
Concen: 59.09 ng
RT: 16.89 min Scan# 1124
Delta R.T. -0.00 min
Lab File: BE092409.D
Acq: 23 Sep 2016 10:14

Instrument :
BNA_E
ClientSampleId :
PT-BN-WP

Tgt Ion:284 Resp: 175774

Ion	Ratio	Lower	Upper
284	100		
142	43.5	29.1	43.7
249	38.2	27.9	41.9

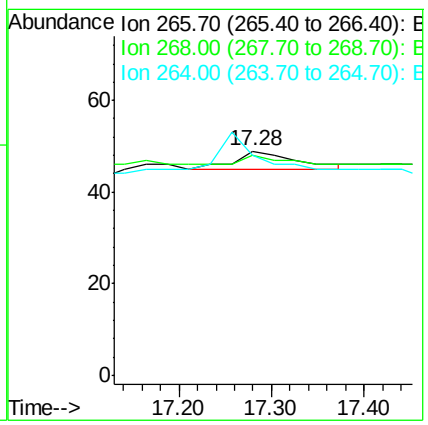


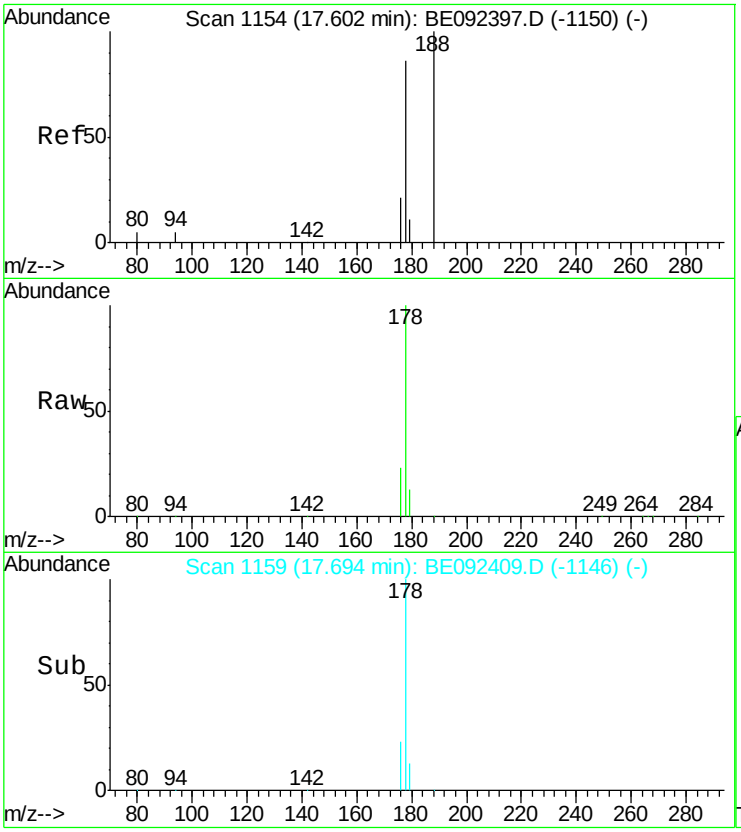


#20
Pentachlorophenol
Concen: 0.19 ng
RT: 17.28 min Scan# 1141
Delta R.T. 0.02 min
Lab File: BE092409.D
Acq: 23 Sep 2016 10:14

Tgt Ion:266 Resp: 18

Ion	Ratio	Lower	Upper
266	100		
268	98.0	62.5	93.7#
264	98.0	57.2	85.8#



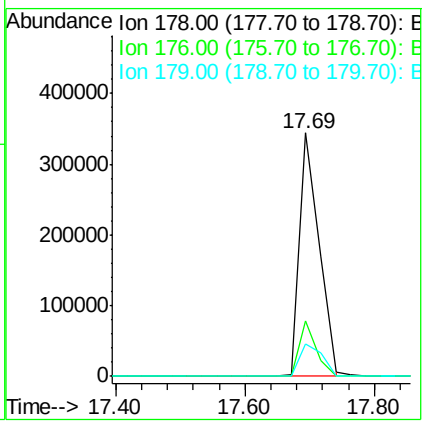


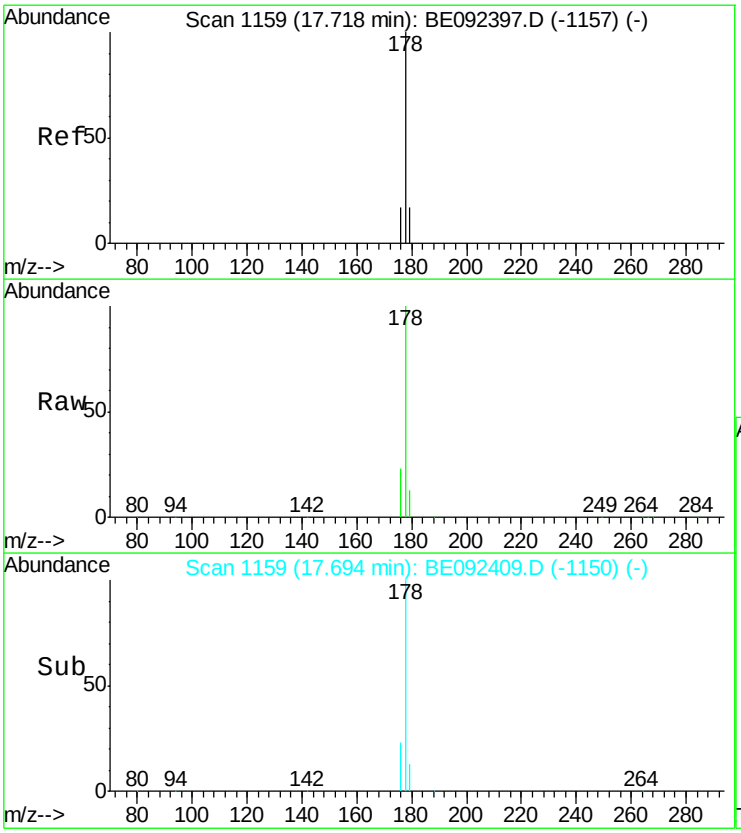
#21
Phenanthrene
Concen: 45.03 ng
RT: 17.69 min Scan# 1159
Delta R.T. 0.09 min
Lab File: BE092409.D
Acq: 23 Sep 2016 10:14

Instrument :
BNA_E
ClientSampleId :
PT-BN-WP

Tgt Ion:178 Resp: 719108

Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.8	23.8
179	15.5	16.0	24.0#

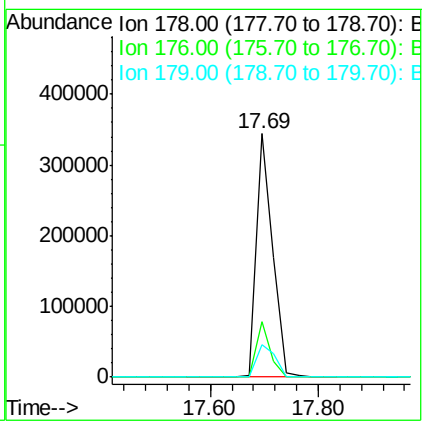


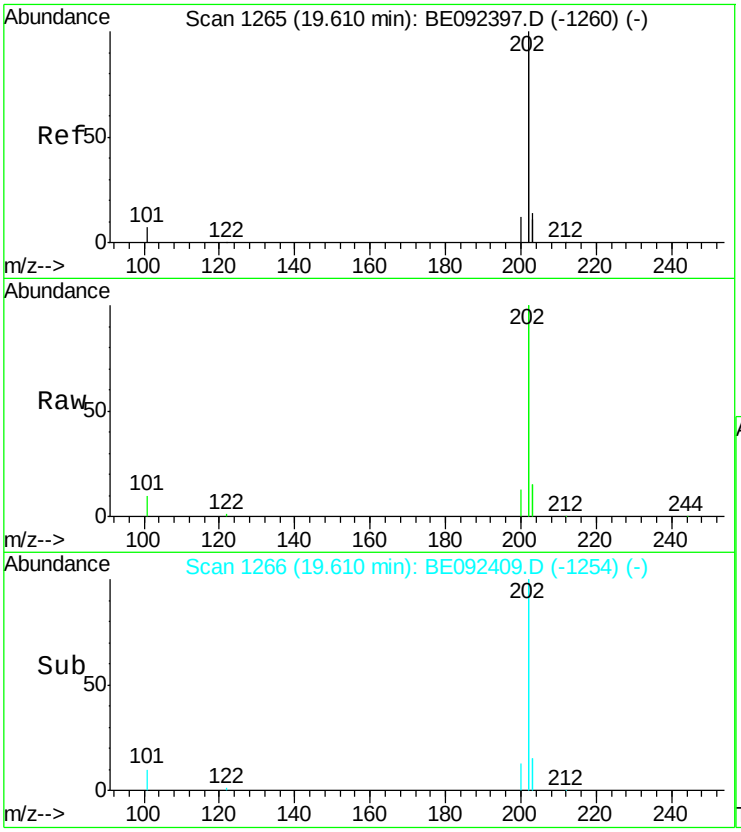


#22
Anthracene
Concen: 47.15 ng
RT: 17.69 min Scan# 1159
Delta R.T. -0.00 min
Lab File: BE092409.D
Acq: 23 Sep 2016 10:14

Tgt Ion:178 Resp: 724037

Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.0	22.4
179	15.5	12.2	18.2



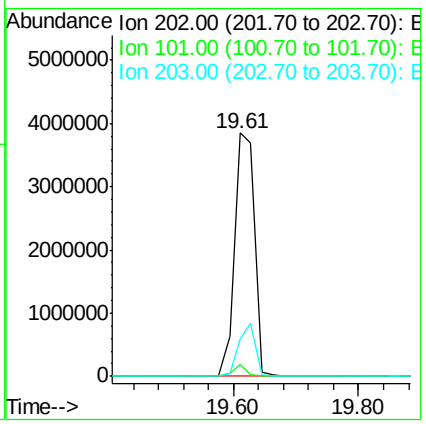


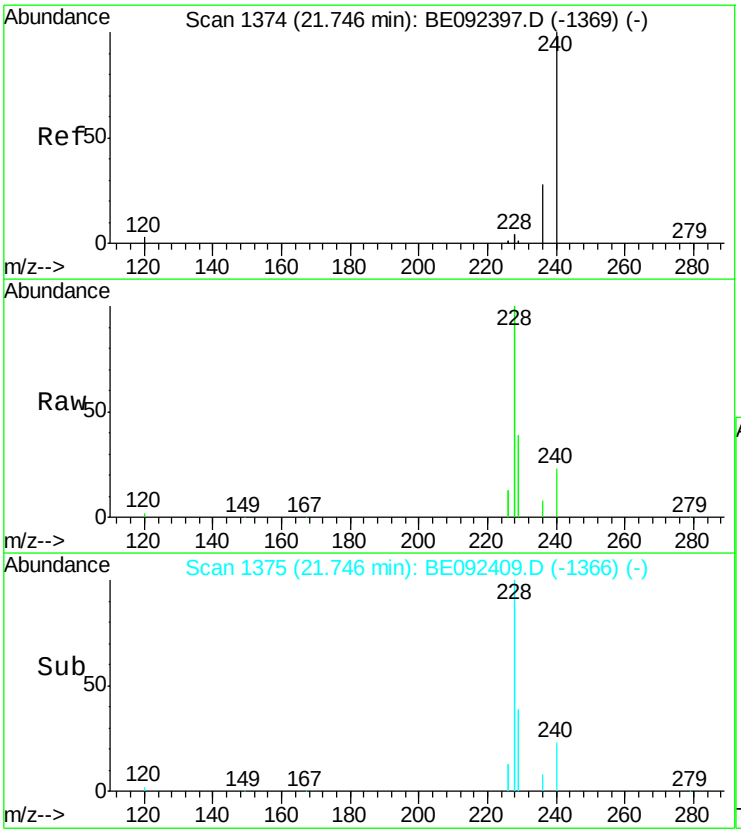
#23
Fluoranthene
Concen: 111.66 ng
RT: 19.61 min Scan# 1266
Delta R.T. -0.00 min
Lab File: BE092409.D
Acq: 23 Sep 2016 10:14

Instrument :
BNA_E
ClientSampleId :
PT-BN-WP

Tgt Ion:202 Resp: 8473846

Ion	Ratio	Lower	Upper
202	100		
101	3.4	2.2	3.4#
203	18.4	13.7	20.5

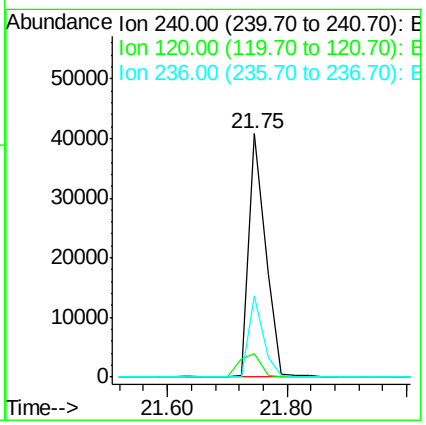


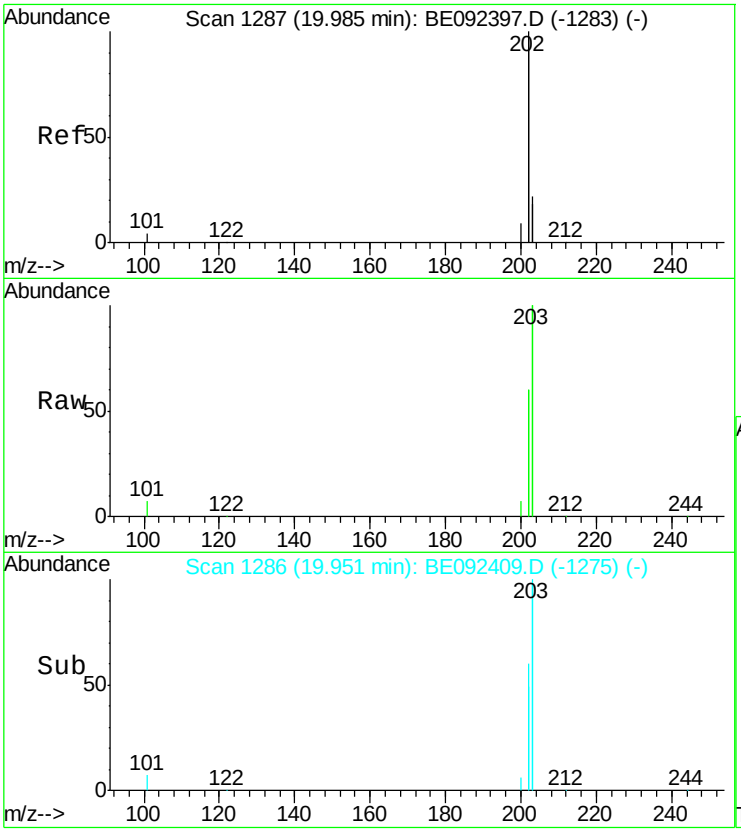


#24
Chrysene-d12
Concen: 5.00 ng
RT: 21.75 min Scan# 1375
Delta R.T. -0.00 min
Lab File: BE092409.D
Acq: 23 Sep 2016 10:14

Tgt Ion:240 Resp: 80584

Ion	Ratio	Lower	Upper
240	100		
120	9.7	2.6	4.0#
236	33.5	24.6	37.0



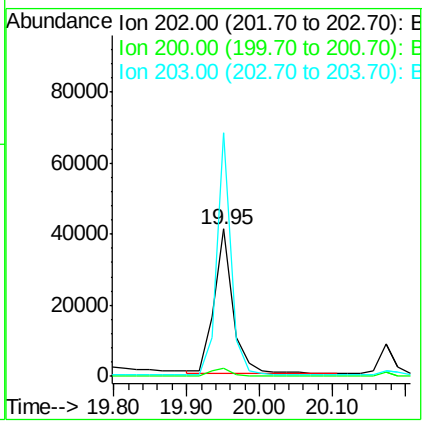


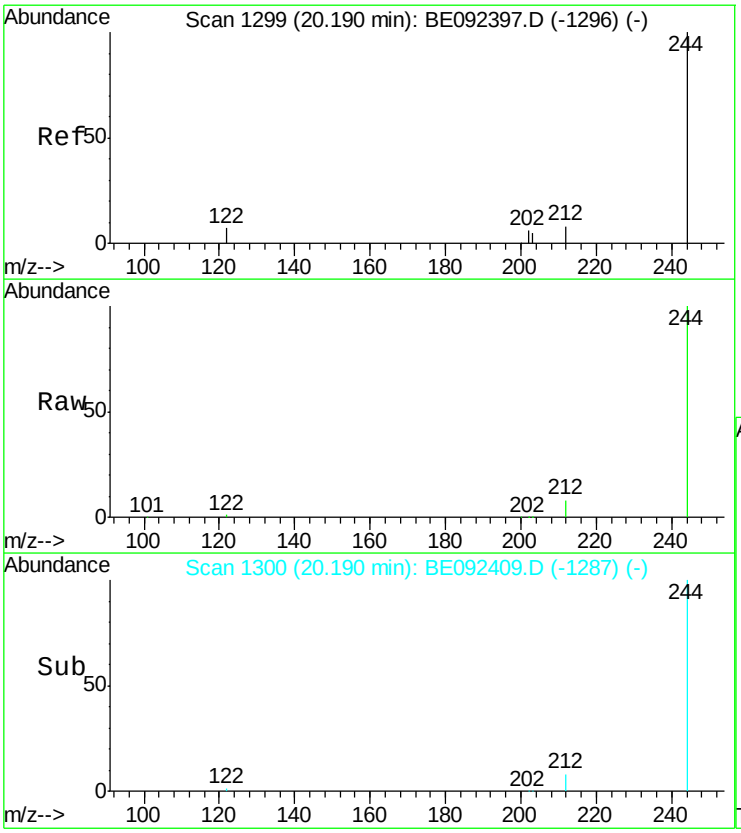
#25
Pyrene
Concen: 1.06 ng
RT: 19.95 min Scan# 1286
Delta R.T. -0.02 min
Lab File: BE092409.D
Acq: 23 Sep 2016 10:14

Instrument :
BNA_E
ClientSampleId :
PT-BN-WP

Tgt Ion:202 Resp: 73953

Ion	Ratio	Lower	Upper
202	100		
200	6.5	4.2	6.4#
203	126.2	13.9	20.9#

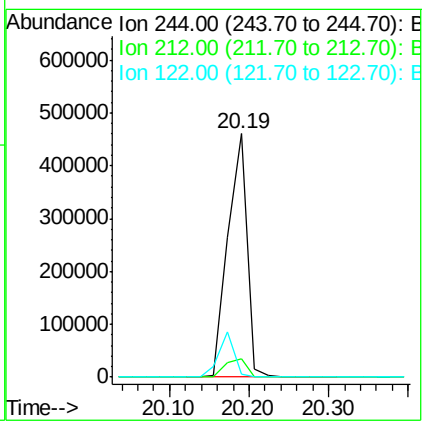


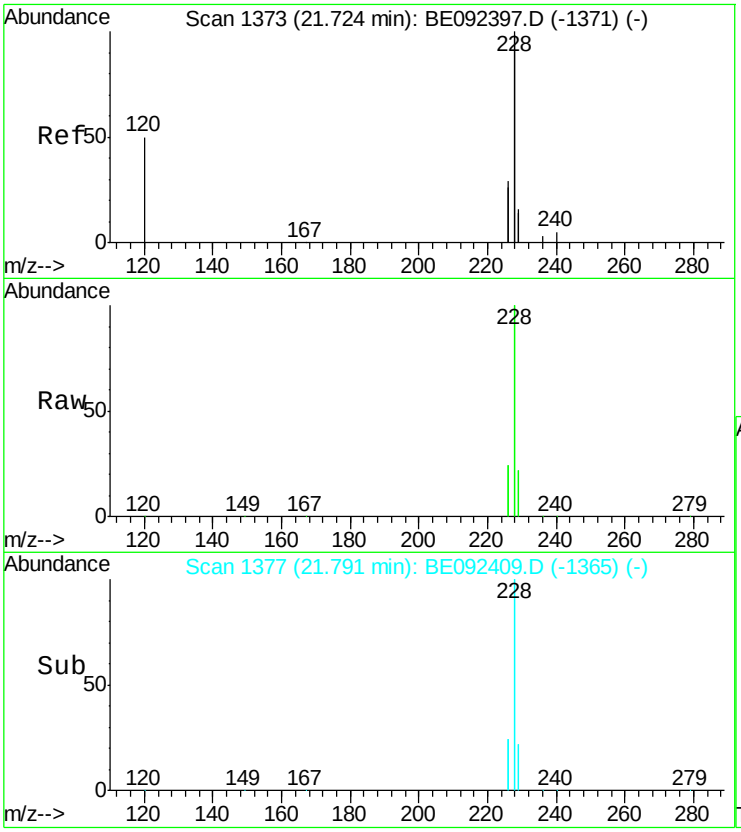


#26
Terphenyl-d14
Concen: 76.66 ng
RT: 20.19 min Scan# 1300
Delta R.T. 0.02 min
Lab File: BE092409.D
Acq: 23 Sep 2016 10:14

Tgt Ion:244 Resp: 766341

Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.7	10.1
122	1.1	3.6	5.4#



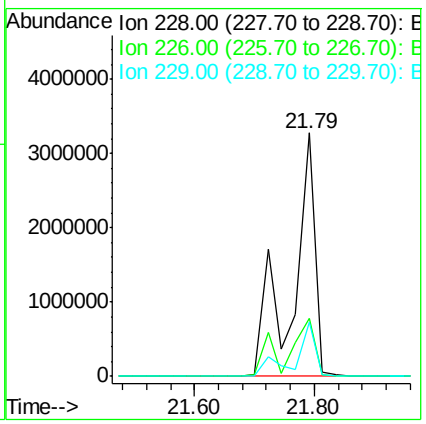


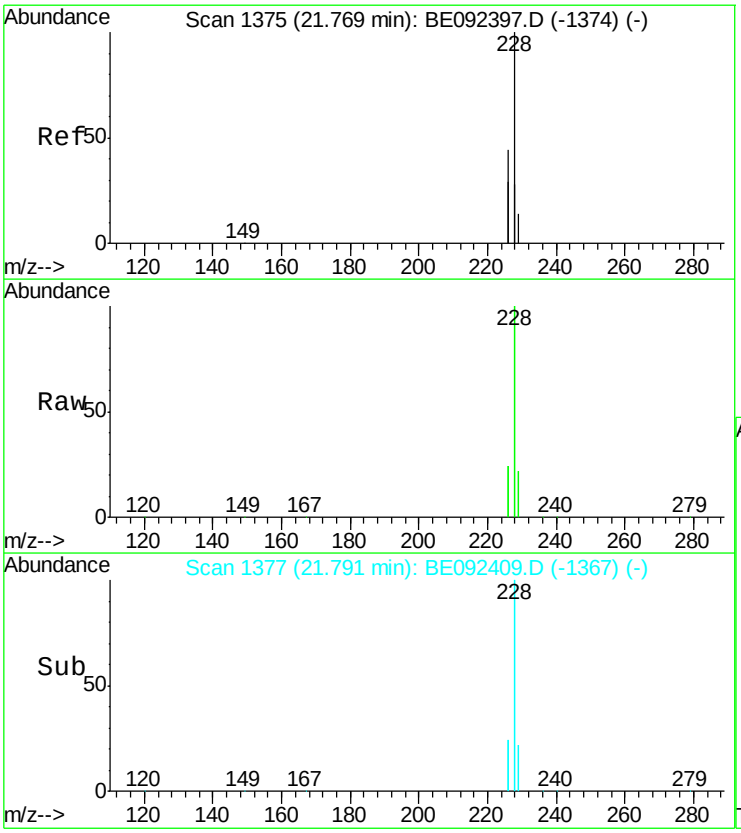
#27
Benzo(a)anthracene
Concen: 108.77 ng
RT: 21.79 min Scan# 1377
Delta R.T. 0.07 min
Lab File: BE092409.D
Acq: 23 Sep 2016 10:14

Instrument :
BNA_E
ClientSampleId :
PT-BN-WP

Tgt Ion:228 Resp: 8541932

Ion	Ratio	Lower	Upper
228	100		
226	24.0	23.6	35.4
229	22.3	13.3	19.9#

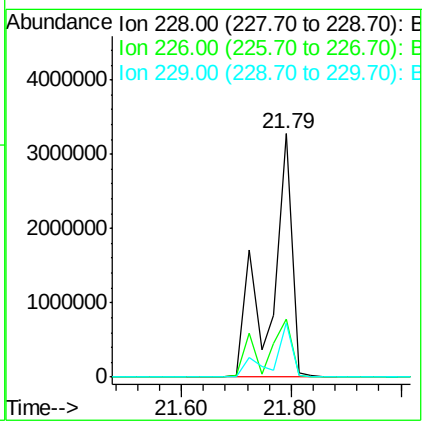


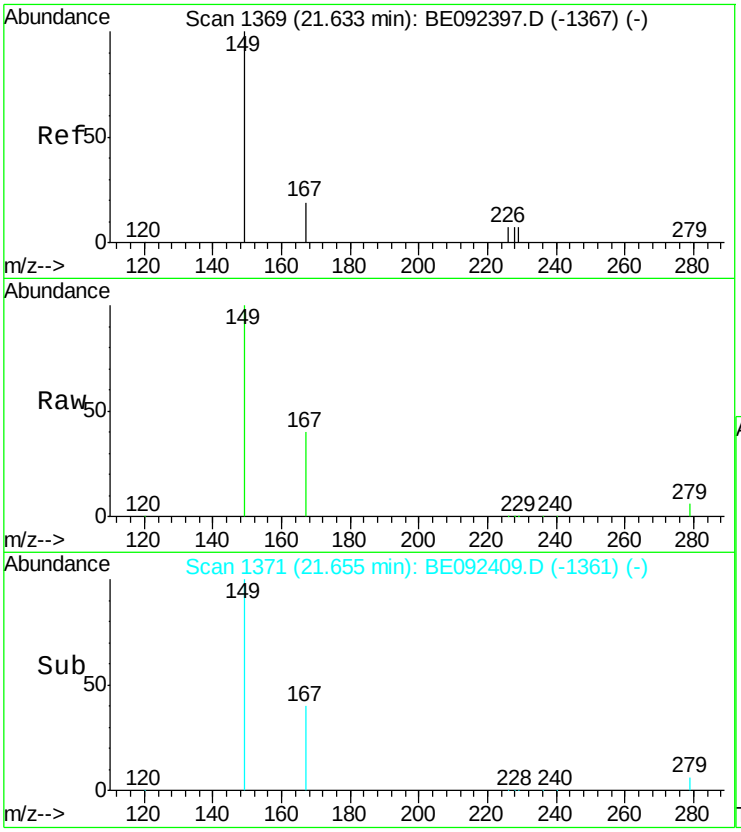


#28
Chrysene
Concen: 119.18 ng
RT: 21.79 min Scan# 1377
Delta R.T. 0.02 min
Lab File: BE092409.D
Acq: 23 Sep 2016 10:14

Tgt Ion:228 Resp: 8571014

Ion	Ratio	Lower	Upper
228	100		
226	24.0	36.3	54.5#
229	22.3	10.6	16.0#



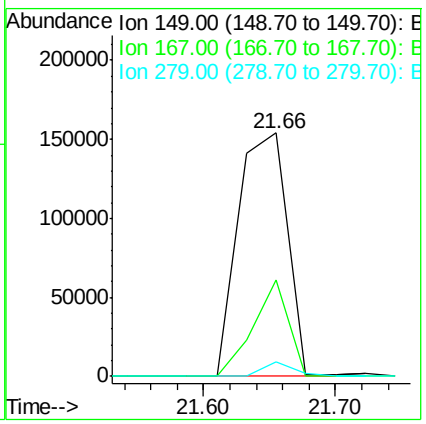


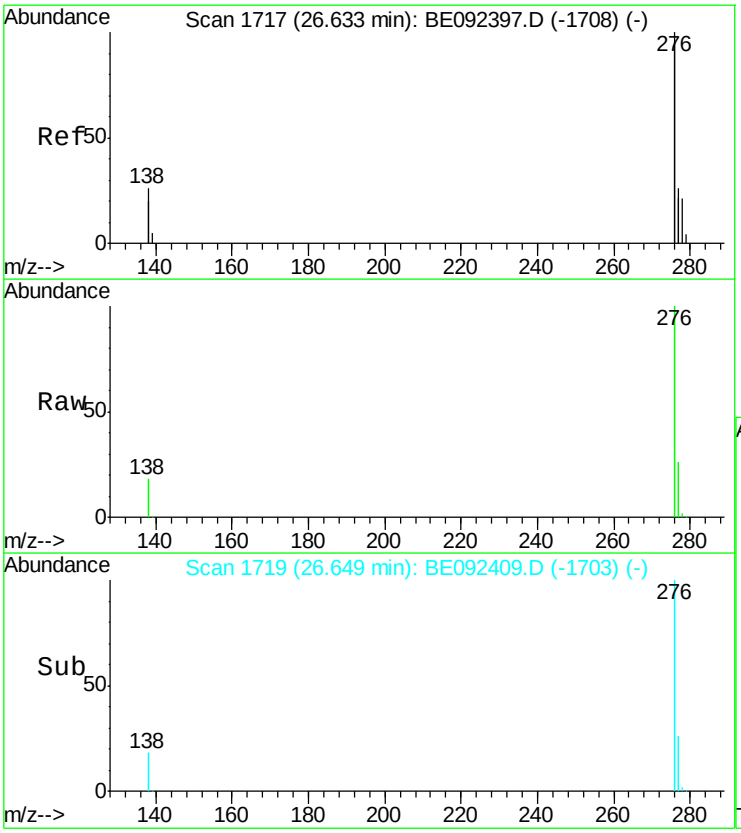
#29
Bis(2-ethylhexyl)phthalate
Concen: 59.59 ng
RT: 21.66 min Scan# 1371
Delta R.T. 0.02 min
Lab File: BE092409.D
Acq: 23 Sep 2016 10:14

Instrument :
BNA_E
ClientSampleId :
PT-BN-WP

Tgt Ion:149 Resp: 402942

Ion	Ratio	Lower	Upper
149	100		
167	28.7	16.0	24.0#
279	3.6	16.0	24.0#

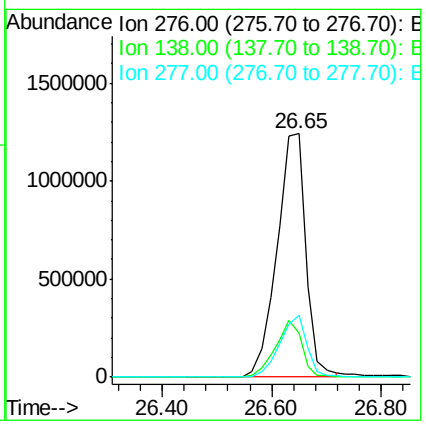


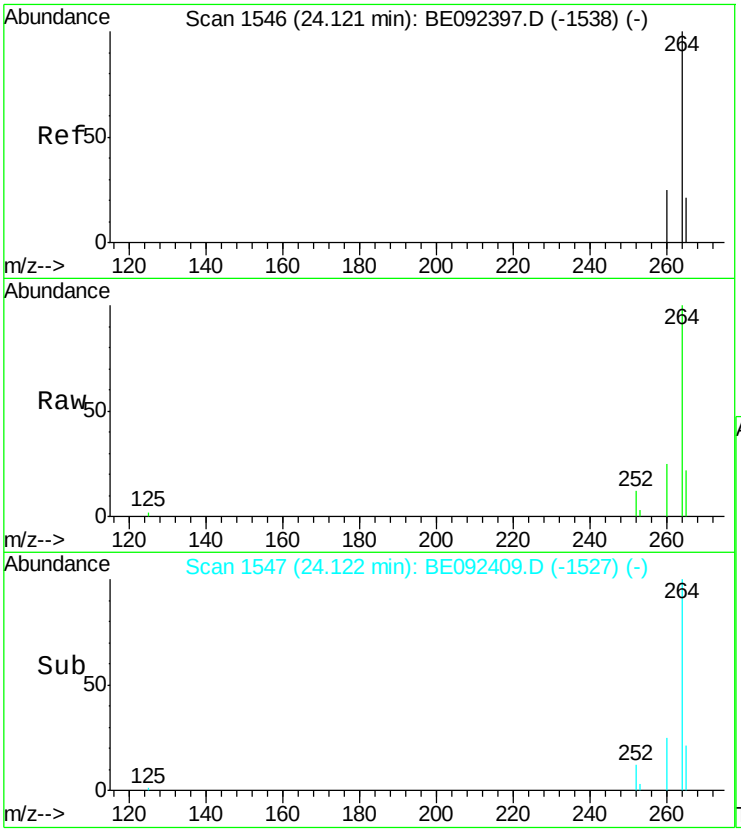


#30
Indeno(1,2,3-cd)pyrene
Concen: 59.16 ng
RT: 26.65 min Scan# 1719
Delta R.T. 0.07 min
Lab File: BE092409.D
Acq: 23 Sep 2016 10:14

Tgt Ion:276 Resp: 4513863

Ion	Ratio	Lower	Upper
276	100		
138	21.4	20.3	30.5
277	24.0	19.7	29.5



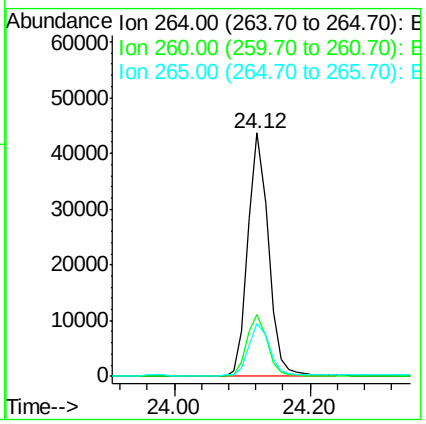


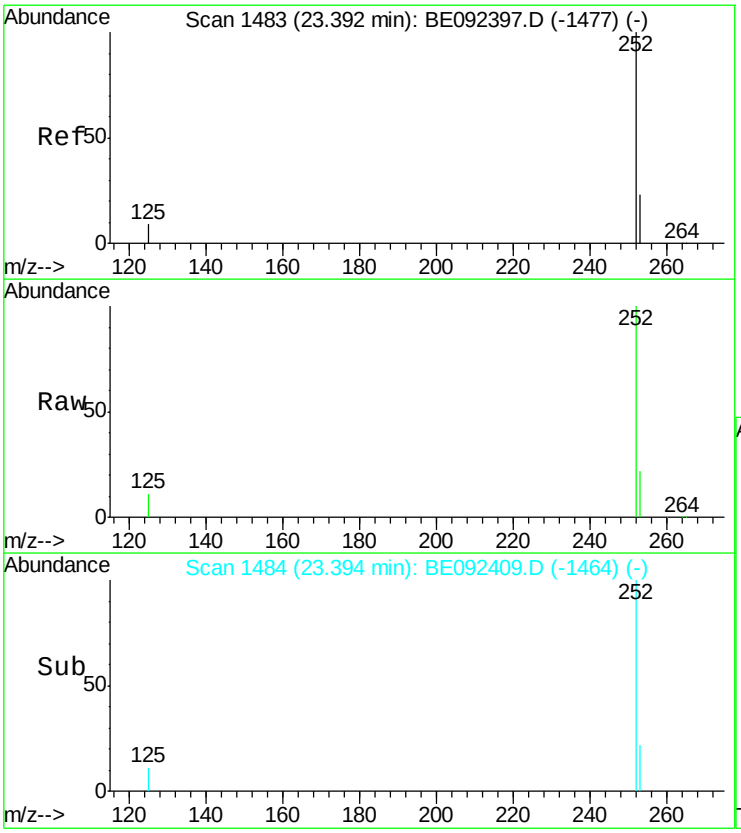
#31
Perylene-d12
Concen: 5.00 ng
RT: 24.12 min Scan# 1547
Delta R.T. 0.04 min
Lab File: BE092409.D
Acq: 23 Sep 2016 10:14

Instrument :
BNA_E
ClientSampleId :
PT-BN-WP

Tgt Ion:264 Resp: 90120

Ion	Ratio	Lower	Upper
264	100		
260	25.4	20.1	30.1
265	21.7	17.9	26.9

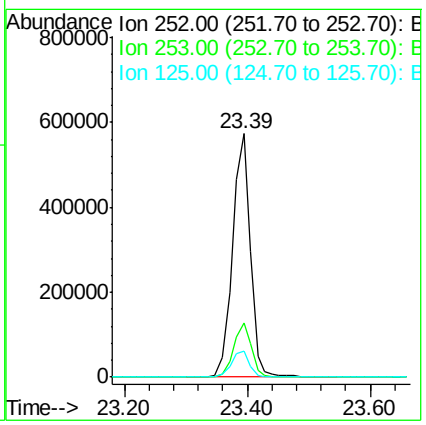


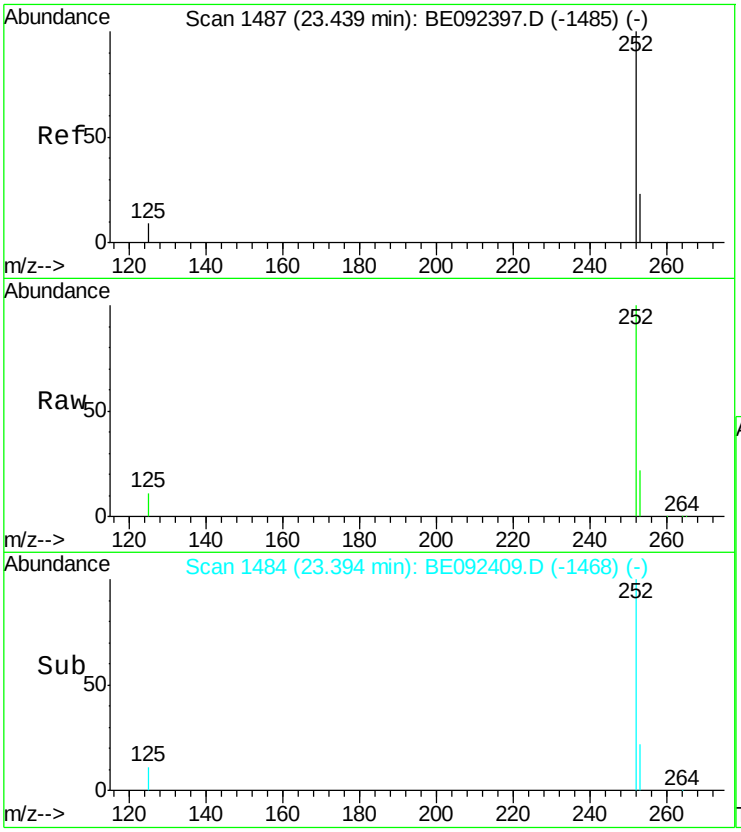


#32
Benzo(b)fluoranthene
Concen: 53.32 ng
RT: 23.39 min Scan# 1484
Delta R.T. 0.04 min
Lab File: BE092409.D
Acq: 23 Sep 2016 10:14

Tgt Ion:252 Resp: 1163619

Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.7	28.1
125	10.9	10.5	15.7



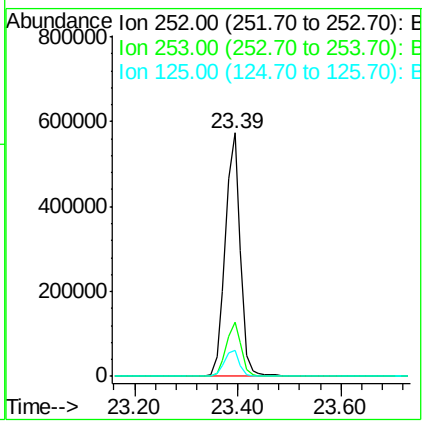


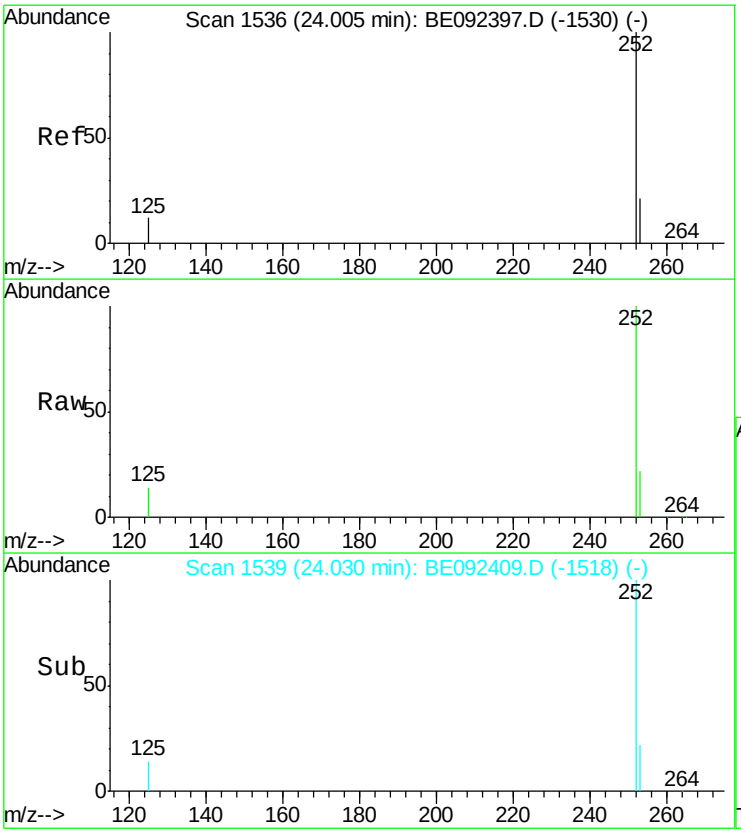
#33
Benzo(k)fluoranthene
Concen: 51.05 ng
RT: 23.39 min Scan# 1484
Delta R.T. -0.01 min
Lab File: BE092409.D
Acq: 23 Sep 2016 10:14

Instrument :
BNA_E
ClientSampleId :
PT-BN-WP

Tgt Ion:252 Resp: 1166105

Ion	Ratio	Lower	Upper
252	100		
253	22.5	20.3	30.5
125	10.9	9.6	14.4

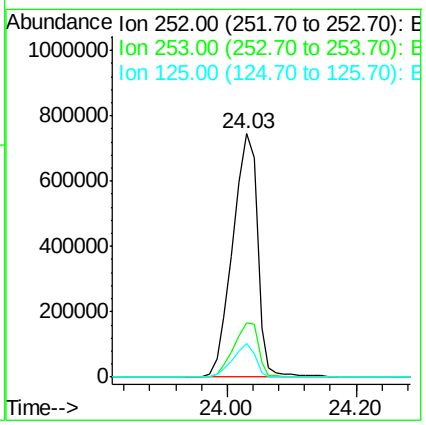


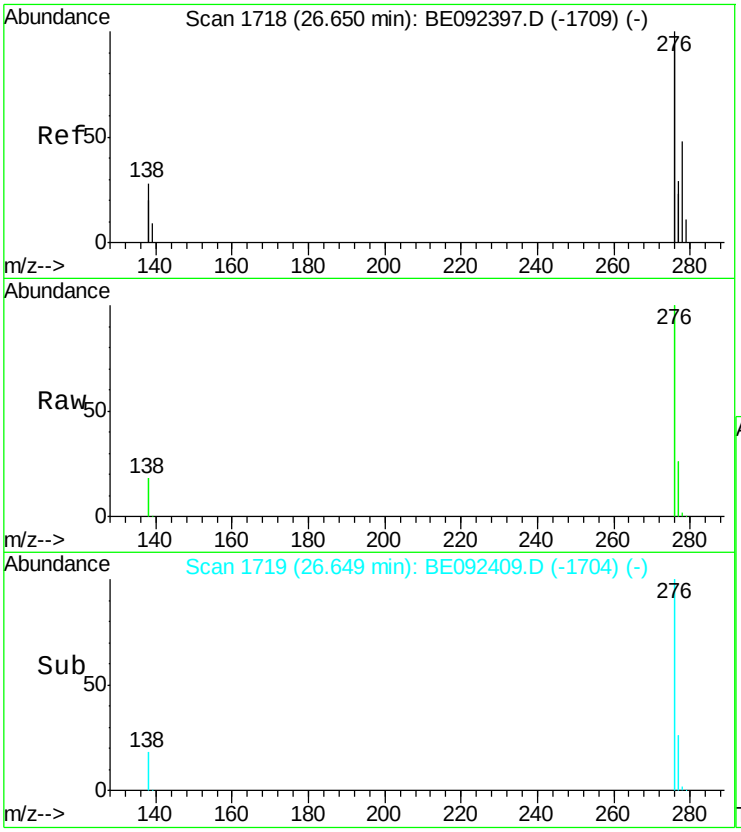


#34
Benzo(a)pyrene
Concen: 92.81 ng
RT: 24.03 min Scan# 1539
Delta R.T. 0.05 min
Lab File: BE092409.D
Acq: 23 Sep 2016 10:14

Tgt Ion:252 Resp: 1985197

Ion	Ratio	Lower	Upper
252	100		
253	22.1	19.0	28.6
125	13.6	11.8	17.8



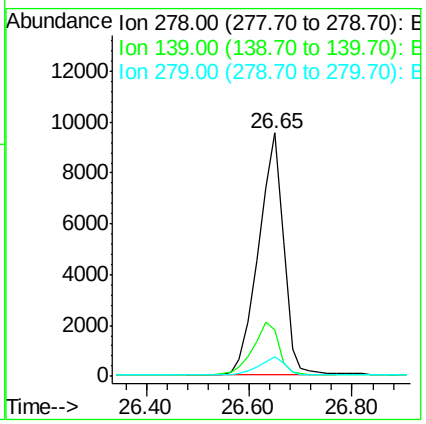


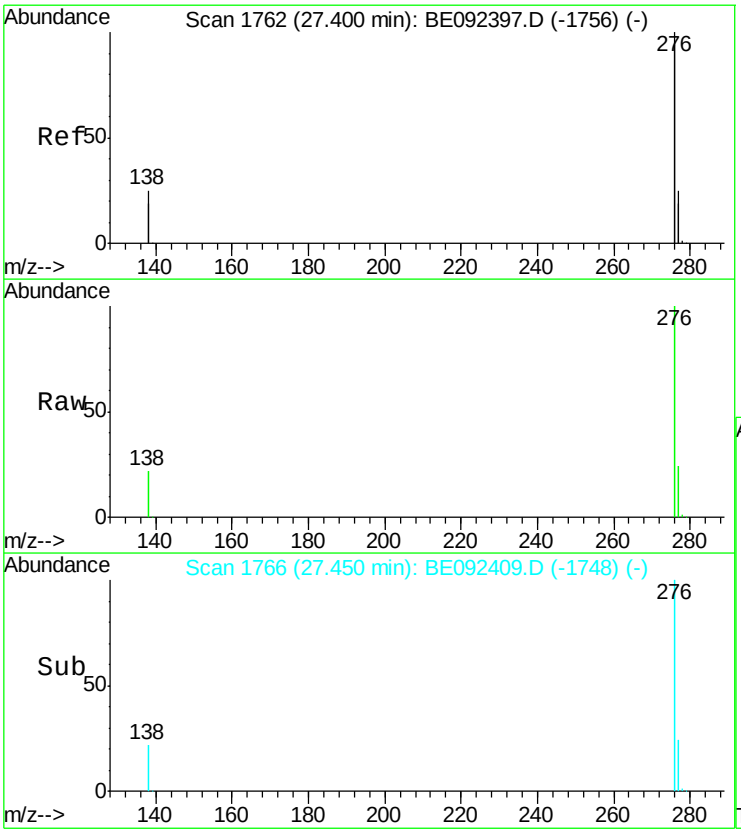
#35
Dibenzo(a,h)anthracene
Concen: 1.63 ng
RT: 26.65 min Scan# 1719
Delta R.T. 0.05 min
Lab File: BE092409.D
Acq: 23 Sep 2016 10:14

Instrument :
BNA_E
ClientSampleId :
PT-BN-WP

Tgt Ion:278 Resp: 31977

Ion	Ratio	Lower	Upper
278	100		
139	19.1	13.8	20.8
279	8.1	21.4	32.2#





#36
Benzo(g,h,i)perylene
Concen: 89.30 ng
RT: 27.45 min Scan# 1766
Delta R.T. 0.10 min
Lab File: BE092409.D
Acq: 23 Sep 2016 10:14

Tgt Ion:276 Resp: 7521342

Ion	Ratio	Lower	Upper
276	100		
277	23.8	19.8	29.8
138	22.4	19.8	29.6