Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE092316\
Data File : BE092416.D
Acq On : 23 Sep 2016 15:30
Operator : UM/SJ
Sample : PB93552BSD
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : PB93552BSD

Quant Time: Sep 23 19:27:21 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	8.17	152	9065	5.00	ng		-0.02
7) Naphthalene-d8	10.95	136	38597	5.00	ng		0.00
12) Acenaphthene-d10	14.82	164	24741	5.00	ng		0.00
18) Phenanthrene-d10	17.58	188	46711	5.00	ng		0.02
24) Chrysene-d12	21.75	240	77477	5.00	ng		0.00
31) Perylene-d12	24.12	264	67807	5.00	ng		0.04
System Monitoring Compounds							
4) 2-Fluorophenol	5.67	112	17089	7.99	ng		-0.02
5) Phenol-d6	7.34	99	22575	7.40	ng		-0.02
8) Nitrobenzene-d5	9.34	82	10468	3.81	ng		-0.02
13) 2,4,6-Tribromophenol	16.31	330	6114	6.99	ng		-0.01
14) 2-Fluorobiphenyl	13.43	172	24592	4.20	ng		-0.01
26) Terphenyl-d14	20.17	244	33404	3.48	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.41	88	3670	3.76	ng	#	82
3) n-Nitrosodimethylamine	3.76	42	5674	3.98	ng	#	98
6) bis(2-Chloroethyl)ether	7.59	93	9136	3.83	ng	#	26
9) Naphthalene	10.99	128	32944	3.94	ng	#	95
10) Hexachlorobutadiene	11.28	225	4943	3.76	ng		99
11) 2-Methylnaphthalene	12.62	142	21689	3.92	ng		93
15) Acenaphthylene	14.53	152	142667	3.98	ng		100
16) Acenaphthene	14.88	154	21635	3.86	ng		92
17) Fluorene	15.87	166	28685	4.03	ng		100
19) Hexachlorobenzene	16.89	284	8836	4.42	ng	#	63
20) Pentachlorophenol	17.23	266	7283	9.91	ng	#	85
21) Phenanthrene	17.60	178	48237	4.49	ng	#	94
22) Anthracene	17.70	178	46486	4.50	ng		98
23) Fluoranthene	19.61	202	227849	4.47	ng		99
25) Pyrene	19.97	202	244473	3.64	ng		99
27) Benzo(a)anthracene	21.72	228	553342	7.33	ng		97
28) Chrysene	21.72	228	556472	8.05	ng	#	77
29) Bis(2-ethylhexyl)phthalate	21.63	149	22253	3.42	ng	#	56
30) Indeno(1,2,3-cd)pyrene	26.62	276	318892	4.35	ng		98
32) Benzo(b)fluoranthene	23.38	252	69766	4.25	ng		95
33) Benzo(k)fluoranthene	23.43	252	72450	4.22	ng		93
34) Benzo(a)pyrene	24.01	252	69828	4.34	ng	#	94
35) Dibenzo(a,h)anthracene	26.63	278	66488	4.51	ng		94
36) Benzo(g,h,i)perylene	27.38	276	276995	4.37	ng		97

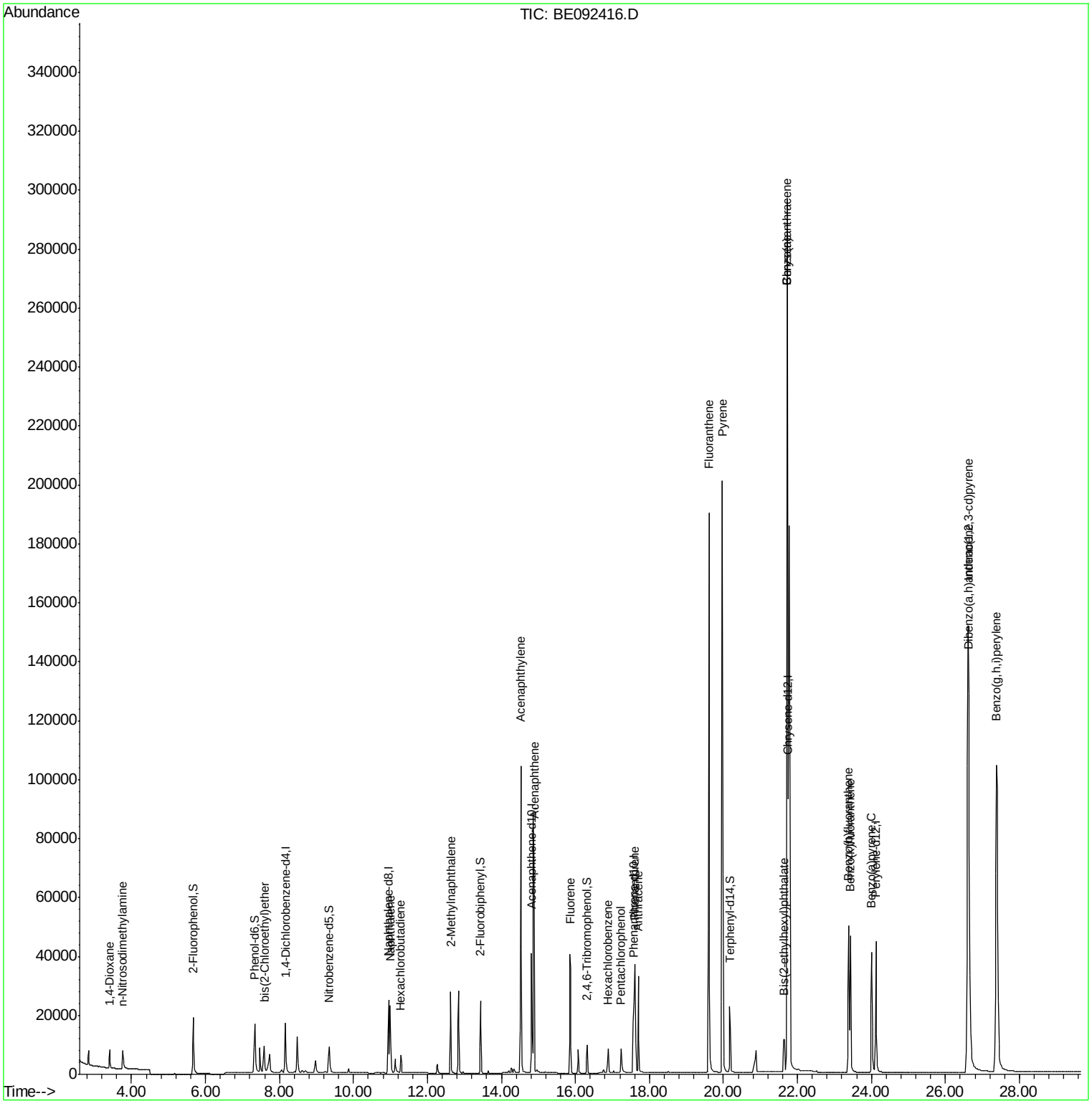
(#) = qualifier out of range (m) = manual integration (+) = signals summed

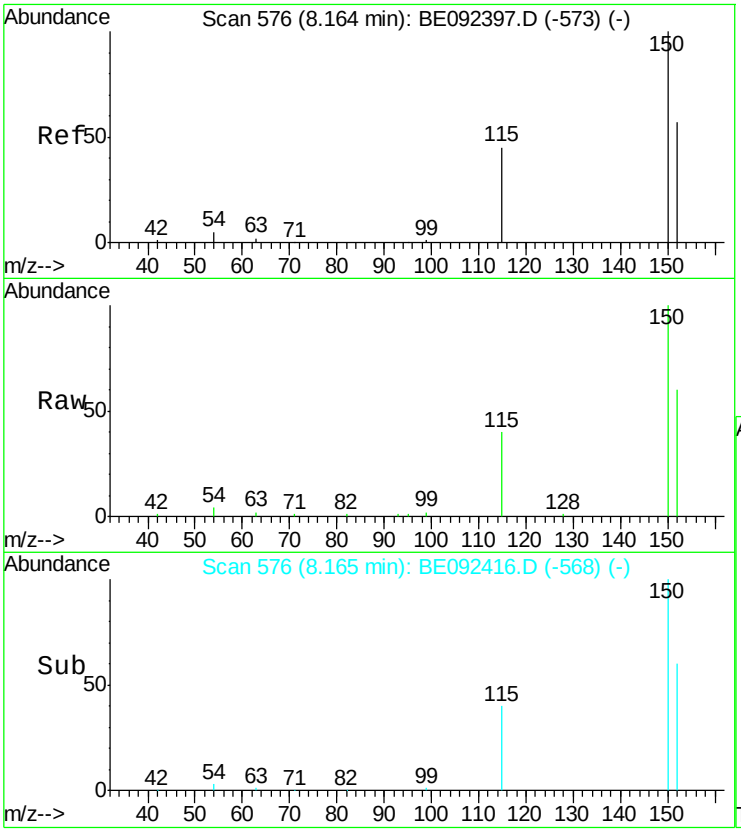
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE092316\
Data File : BE092416.D
Acq On : 23 Sep 2016 15:30
Operator : UM/SJ
Sample : PB93552BSD
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
PB93552BSD

Quant Time: Sep 23 19:27:21 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



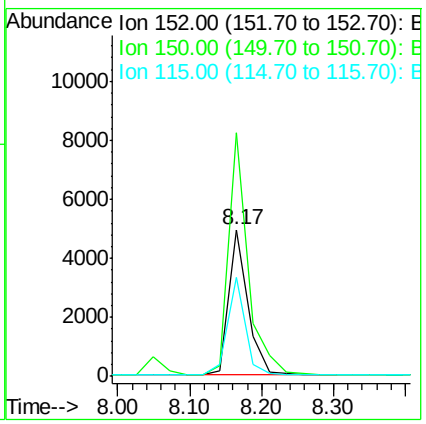


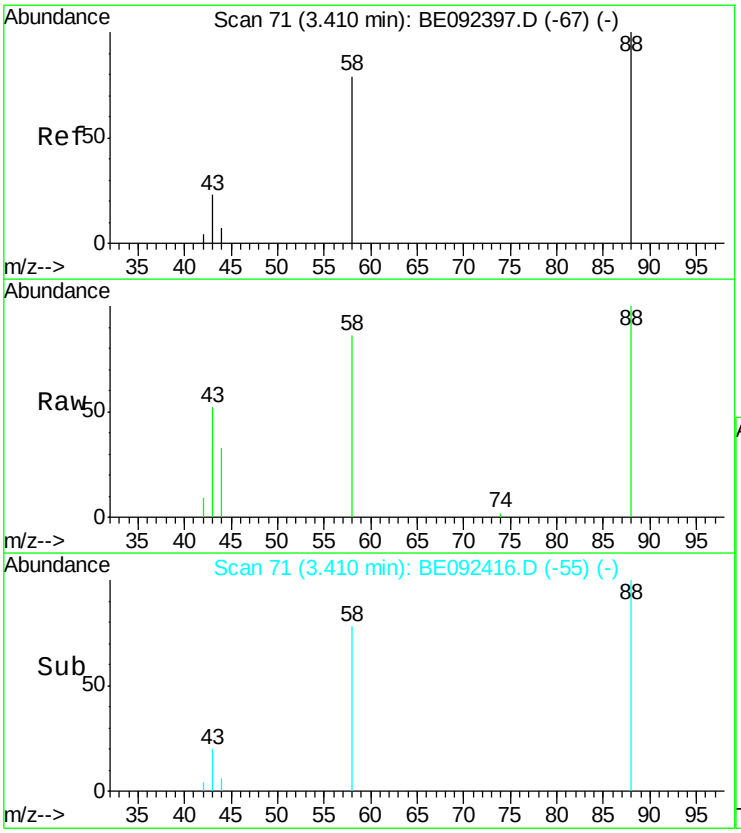
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 8.17 min Scan# 576
Delta R.T. -0.02 min
Lab File: BE092416.D
Acq: 23 Sep 2016 15:30

Instrument :
BNA_E
ClientSampleId :
PB93552BSD

Tgt Ion:152 Resp: 9065

Ion	Ratio	Lower	Upper
152	100		
150	165.7	106.0	159.0#
115	67.0	31.2	46.8#

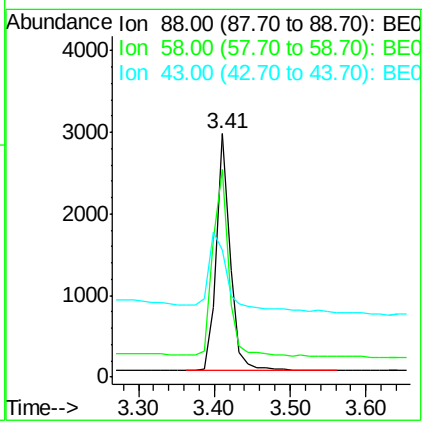


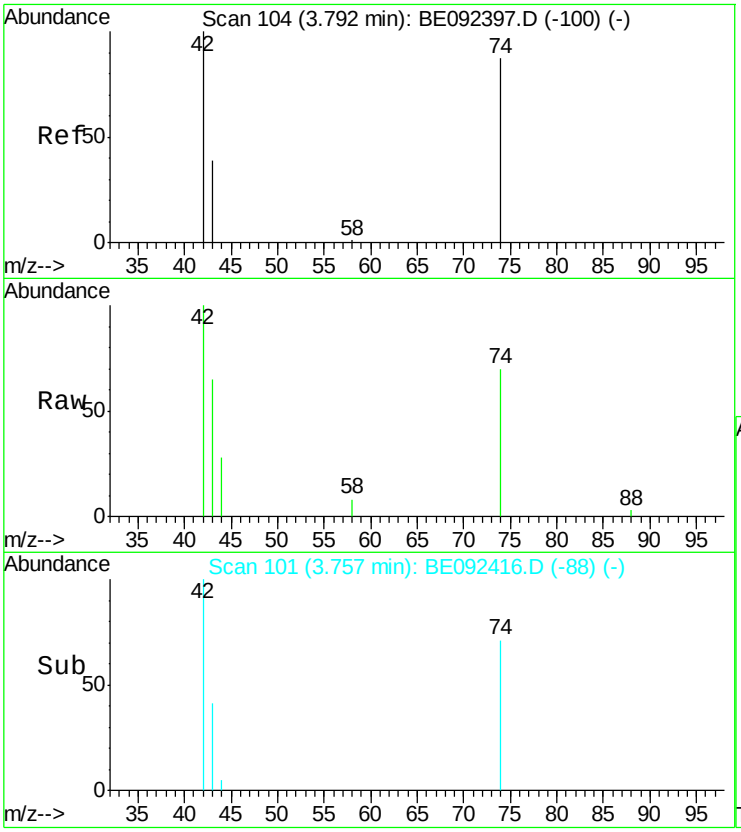


#2
1,4-Dioxane
Concen: 3.76 ng
RT: 3.41 min Scan# 71
Delta R.T. -0.01 min
Lab File: BE092416.D
Acq: 23 Sep 2016 15:30

Tgt Ion: 88 Resp: 3670

Ion	Ratio	Lower	Upper
88	100		
58	91.5	63.6	95.4
43	51.5	28.0	42.0#



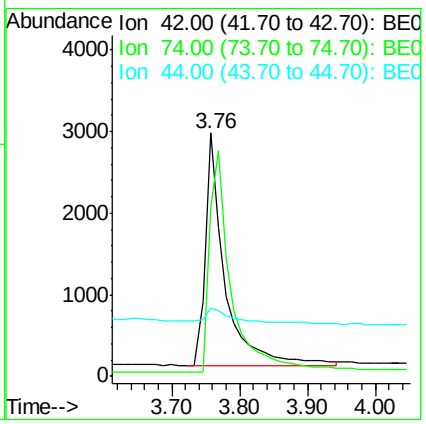


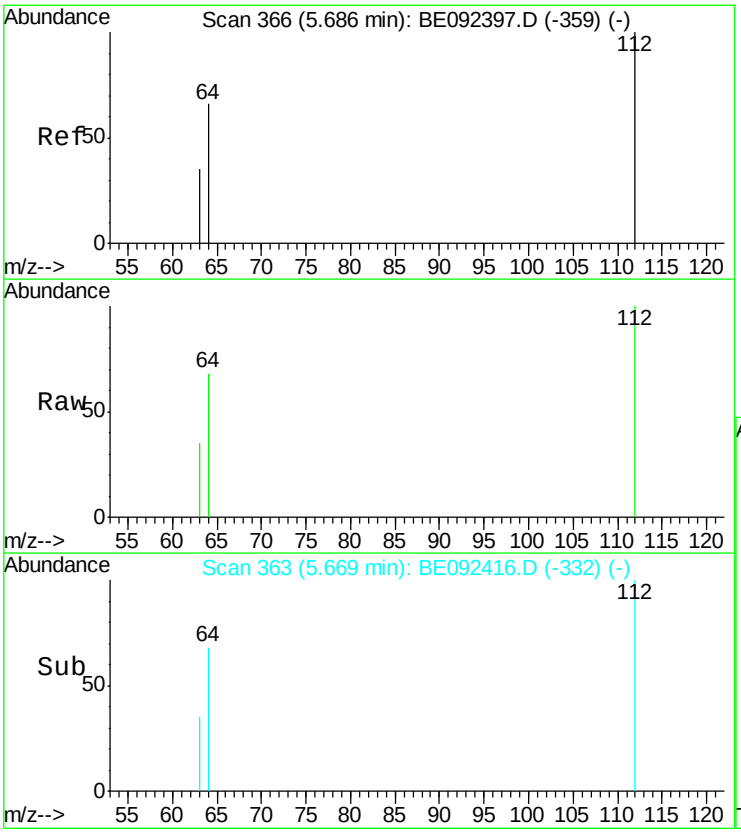
#3
n-Nitrosodimethylamine
Concen: 3.98 ng
RT: 3.76 min Scan# 101
Delta R.T. -0.05 min
Lab File: BE092416.D
Acq: 23 Sep 2016 15:30

Instrument :
BNA_E
ClientSampleId :
PB93552BSD

Tgt Ion: 42 Resp: 5674

Ion	Ratio	Lower	Upper
42	100		
74	109.3	86.0	129.0
44	9.5	5.1	7.7#

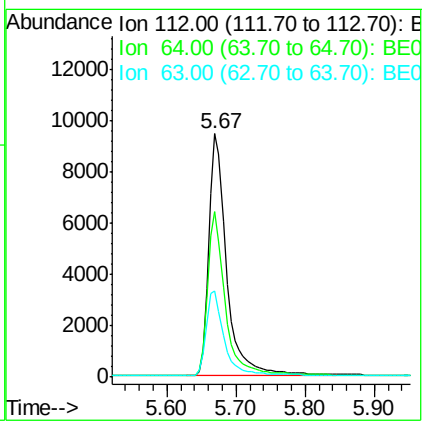


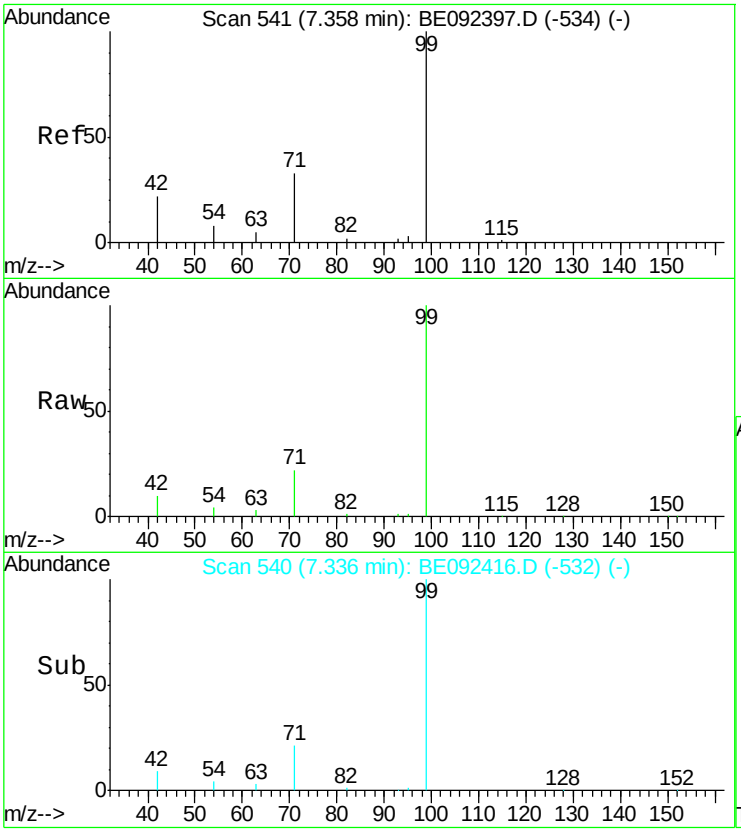


#4
2-Fluorophenol
Concen: 7.99 ng
RT: 5.67 min Scan# 363
Delta R.T. -0.02 min
Lab File: BE092416.D
Acq: 23 Sep 2016 15:30

Tgt Ion:112 Resp: 17089

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



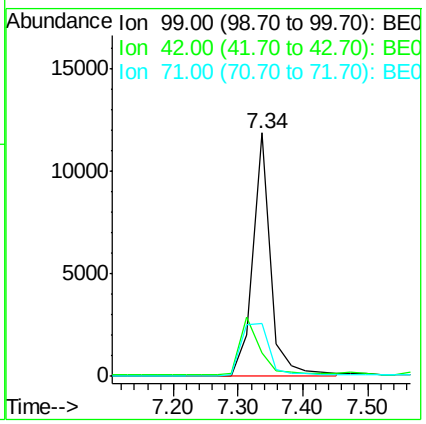


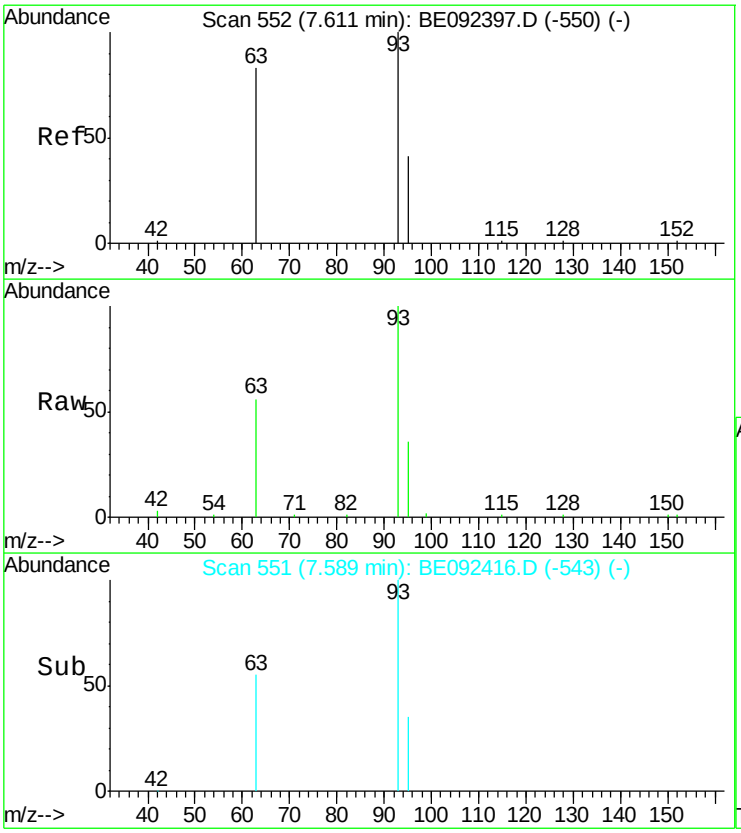
#5
Phenol-d6
Concen: 7.40 ng
RT: 7.34 min Scan# 540
Delta R.T. -0.02 min
Lab File: BE092416.D
Acq: 23 Sep 2016 15:30

Instrument :
BNA_E
ClientSampleId :
PB93552BSD

Tgt Ion: 99 Resp: 22575

Ion	Ratio	Lower	Upper
99	100		
42	0.0	16.0	24.0#
71	34.2	30.6	45.8

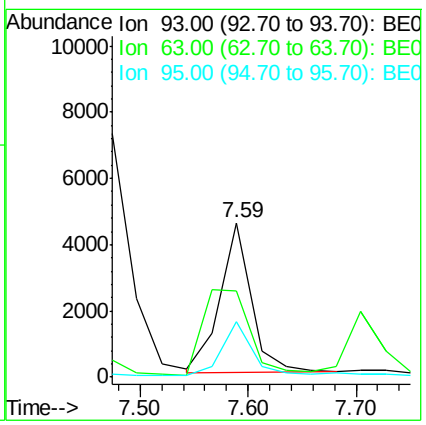


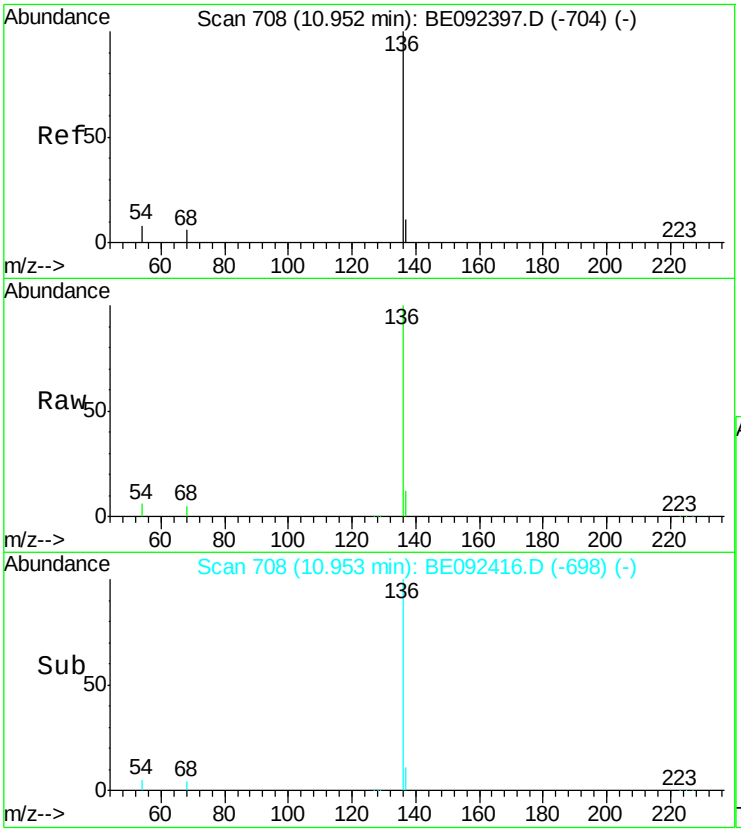


#6
bis(2-Chloroethyl)ether
Concen: 3.83 ng
RT: 7.59 min Scan# 551
Delta R.T. -0.02 min
Lab File: BE092416.D
Acq: 23 Sep 2016 15:30

Tgt Ion: 93 Resp: 9136

Ion	Ratio	Lower	Upper
93	100		
63	0.0	71.6	107.4#
95	35.1	24.0	36.0



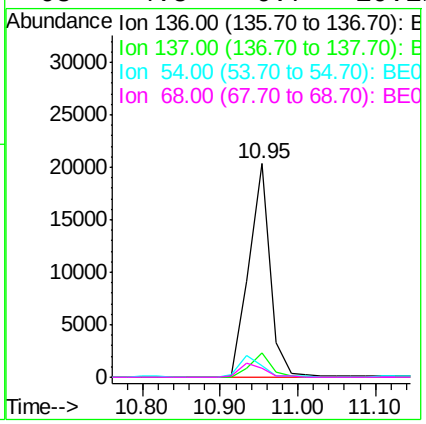


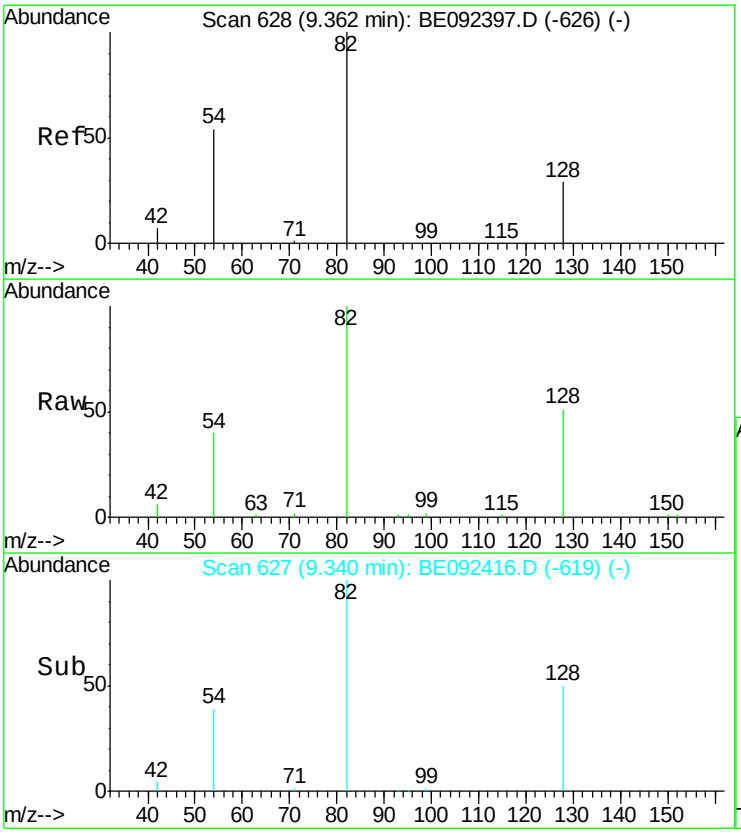
#7
Naphthalene-d8
Concen: 5.00 ng
RT: 10.95 min Scan# 708
Delta R.T. 0.00 min
Lab File: BE092416.D
Acq: 23 Sep 2016 15:30

Instrument :
BNA_E
ClientSampleId :
PB93552BSD

Tgt Ion:136 Resp: 38597

Ion	Ratio	Lower	Upper
136	100		
137	11.6	8.2	12.4
54	5.6	9.6	14.4#
68	4.5	6.7	10.1#

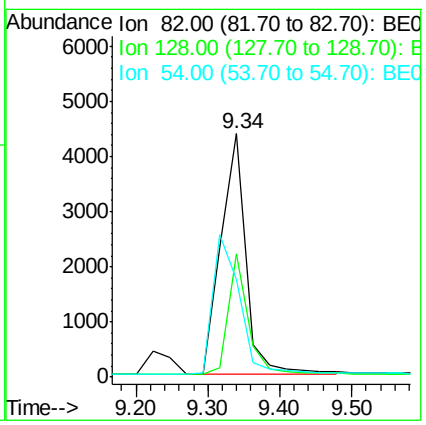


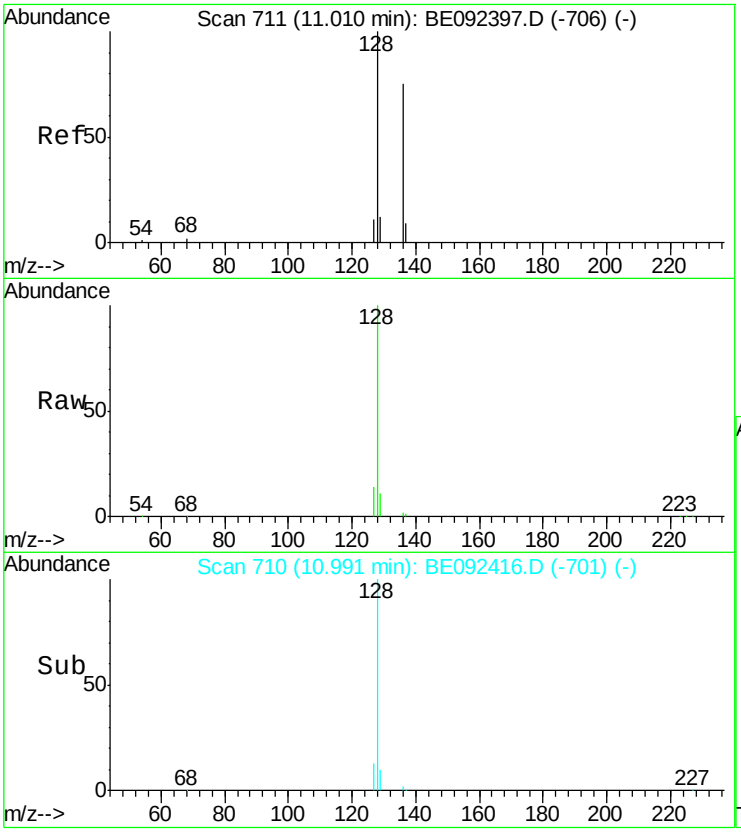


#8
Nitrobenzene-d5
Concen: 3.81 ng
RT: 9.34 min Scan# 627
Delta R.T. -0.02 min
Lab File: BE092416.D
Acq: 23 Sep 2016 15:30

Tgt Ion: 82 Resp: 10468

Ion	Ratio	Lower	Upper
82	100		
128	50.6	39.0	58.4
54	40.0	44.8	67.2#



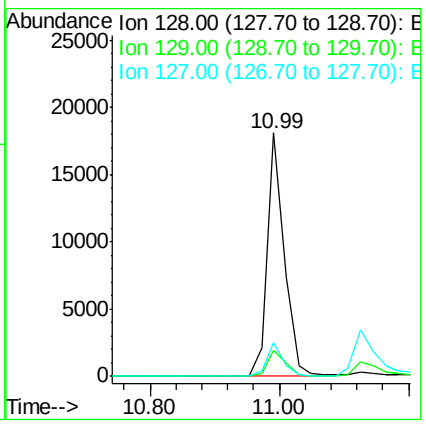


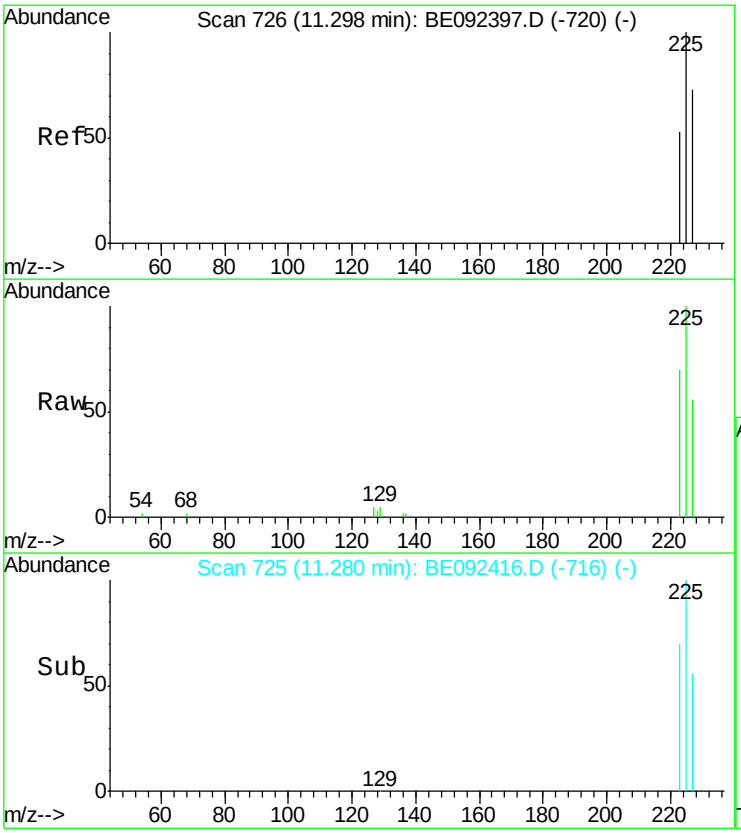
#9
Naphthalene
Concen: 3.94 ng
RT: 10.99 min Scan# 710
Delta R.T. -0.02 min
Lab File: BE092416.D
Acq: 23 Sep 2016 15:30

Instrument :
BNA_E
ClientSampleId :
PB93552BSD

Tgt Ion:128 Resp: 32944

Ion	Ratio	Lower	Upper
128	100		
129	10.6	11.2	16.8#
127	13.6	11.6	17.4

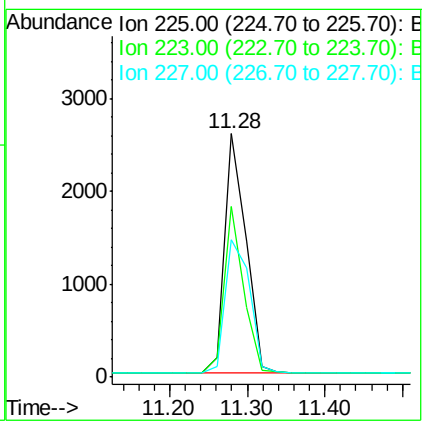


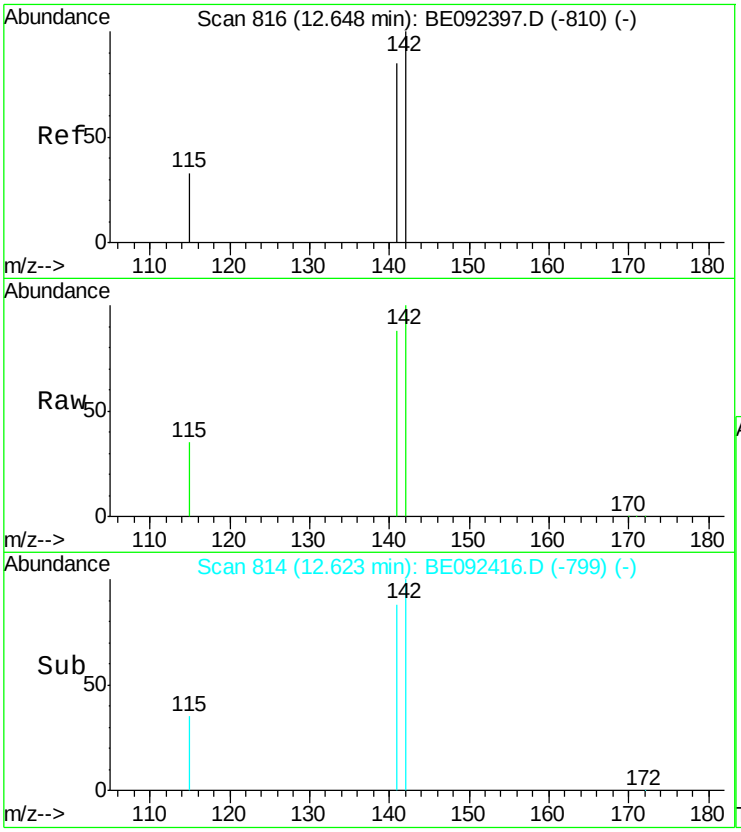


#10
Hexachlorobutadiene
Concen: 3.76 ng
RT: 11.28 min Scan# 725
Delta R.T. -0.02 min
Lab File: BE092416.D
Acq: 23 Sep 2016 15:30

Tgt Ion:225 Resp: 4943

Ion	Ratio	Lower	Upper
225	100		
223	63.4	50.6	76.0
227	63.4	51.4	77.0



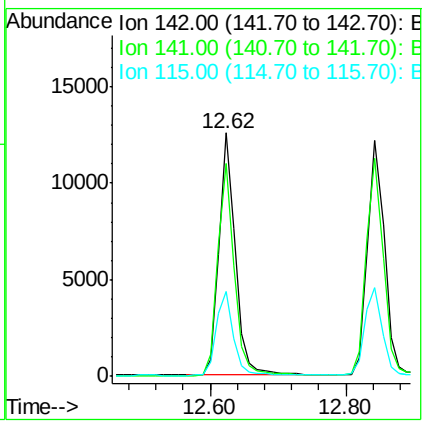


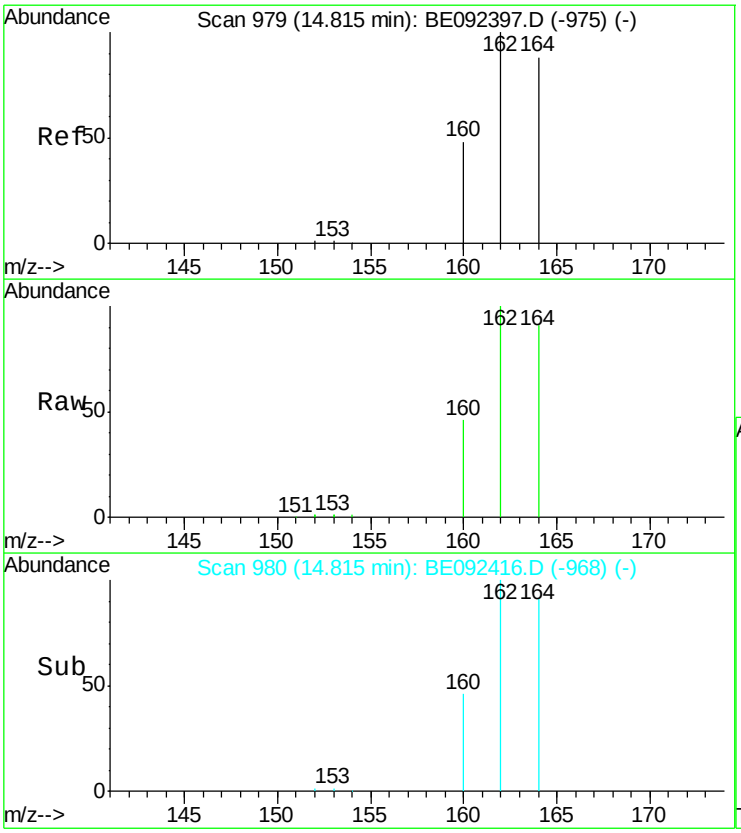
#11
2-Methylnaphthalene
Concen: 3.92 ng
RT: 12.62 min Scan# 814
Delta R.T. -0.02 min
Lab File: BE092416.D
Acq: 23 Sep 2016 15:30

Instrument :
BNA_E
ClientSampleId :
PB93552BSD

Tgt Ion:142 Resp: 21689

Ion	Ratio	Lower	Upper
142	100		
141	87.6	73.7	110.5
115	34.7	34.0	51.0

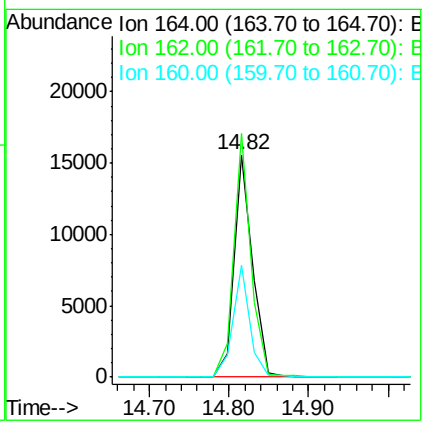


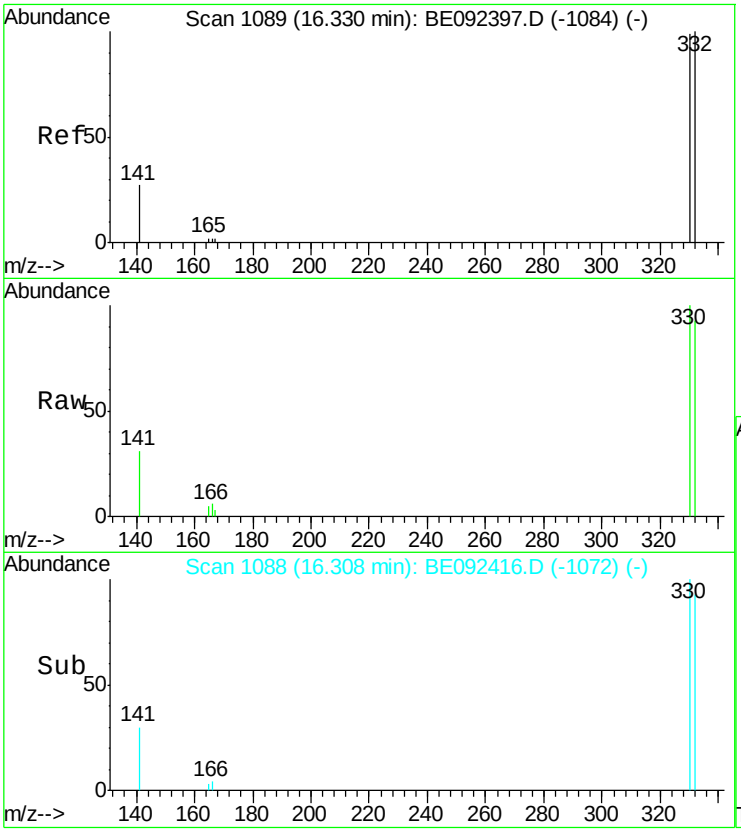


#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.82 min Scan# 980
Delta R.T. -0.00 min
Lab File: BE092416.D
Acq: 23 Sep 2016 15:30

Tgt Ion:164 Resp: 24741

Ion	Ratio	Lower	Upper
164	100		
162	109.7	71.4	107.0#
160	50.2	27.4	41.2#



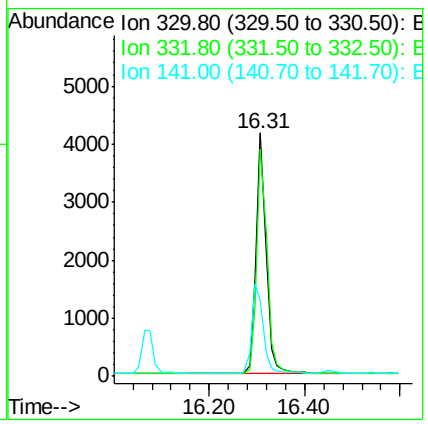


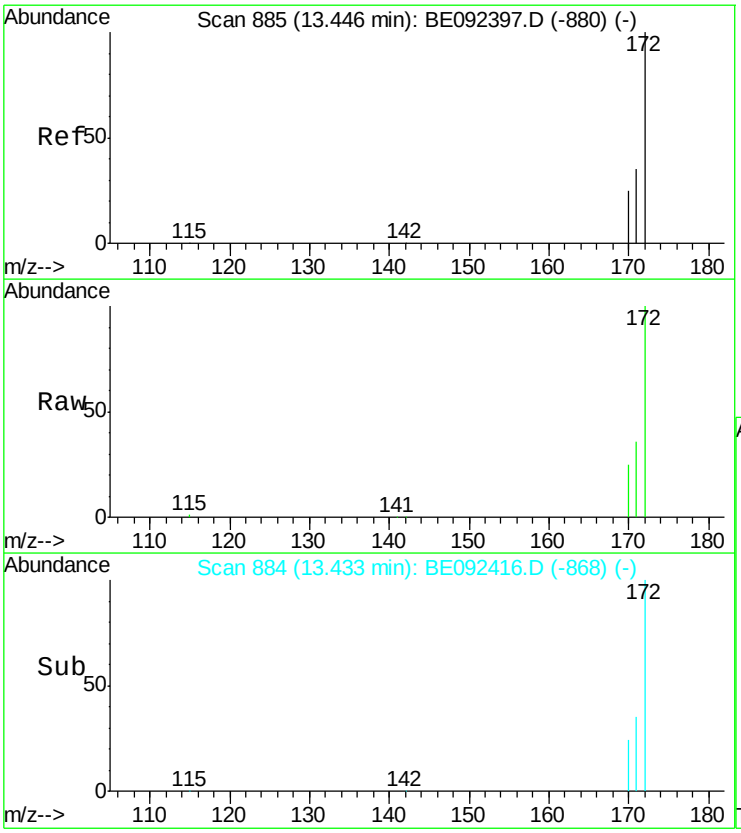
#13
2,4,6-Tribromophenol
Concen: 6.99 ng
RT: 16.31 min Scan# 1088
Delta R.T. -0.01 min
Lab File: BE092416.D
Acq: 23 Sep 2016 15:30

Instrument :
BNA_E
ClientSampleId :
PB93552BSD

Tgt Ion:330 Resp: 6114

Ion	Ratio	Lower	Upper
330	100		
332	96.5	75.4	113.0
141	41.7	31.0	46.6

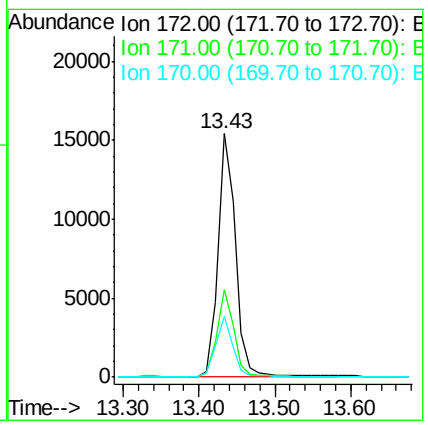


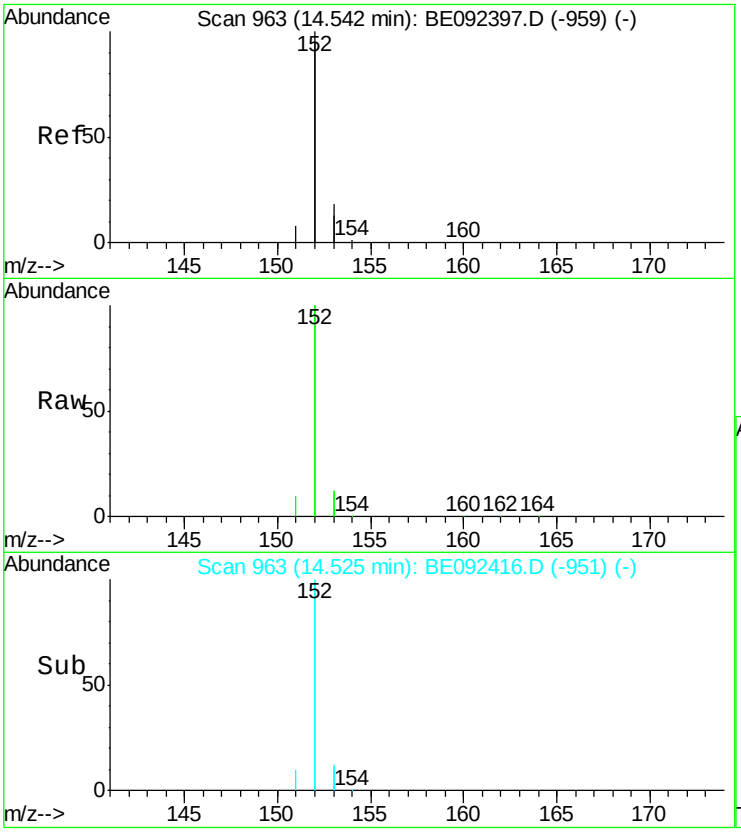


#14
2-Fluorobiphenyl
Concen: 4.20 ng
RT: 13.43 min Scan# 884
Delta R.T. -0.01 min
Lab File: BE092416.D
Acq: 23 Sep 2016 15:30

Tgt Ion:172 Resp: 24592

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



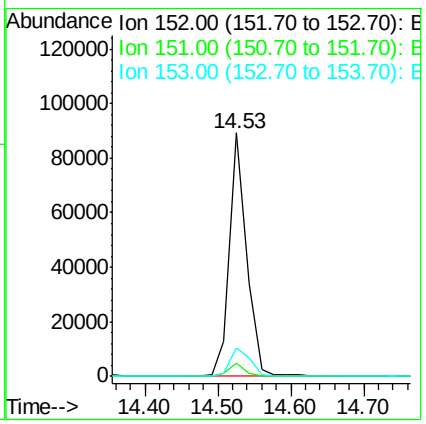


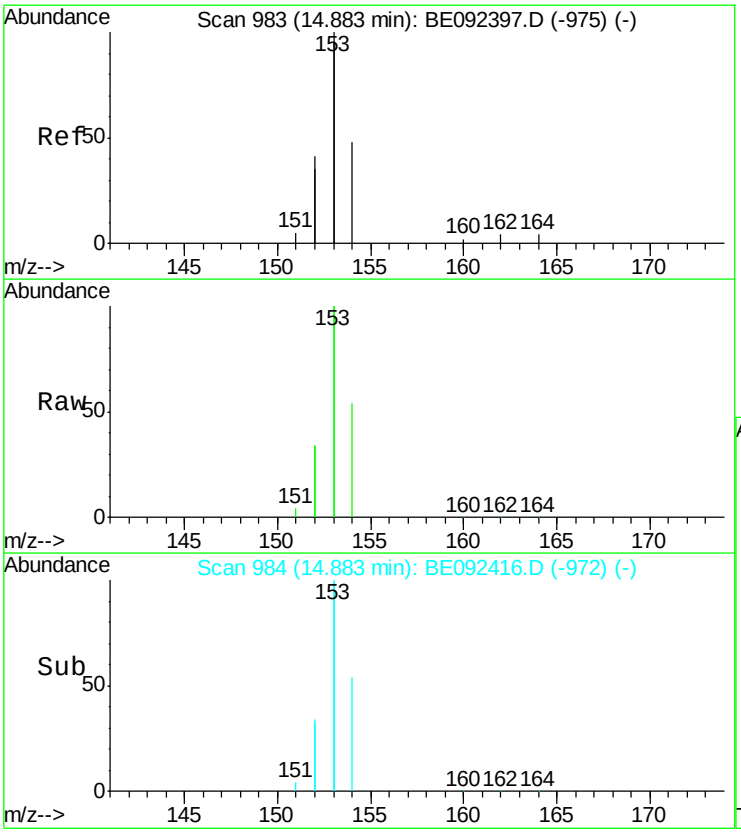
#15
Acenaphthylene
Concen: 3.98 ng
RT: 14.53 min Scan# 963
Delta R.T. -0.00 min
Lab File: BE092416.D
Acq: 23 Sep 2016 15:30

Instrument :
BNA_E
ClientSampleId :
PB93552BSD

Tgt Ion:152 Resp: 142667

Ion	Ratio	Lower	Upper
152	100		
151	4.9	3.9	5.9
153	13.2	10.4	15.6

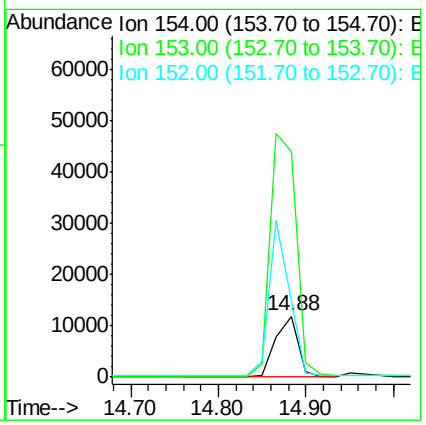


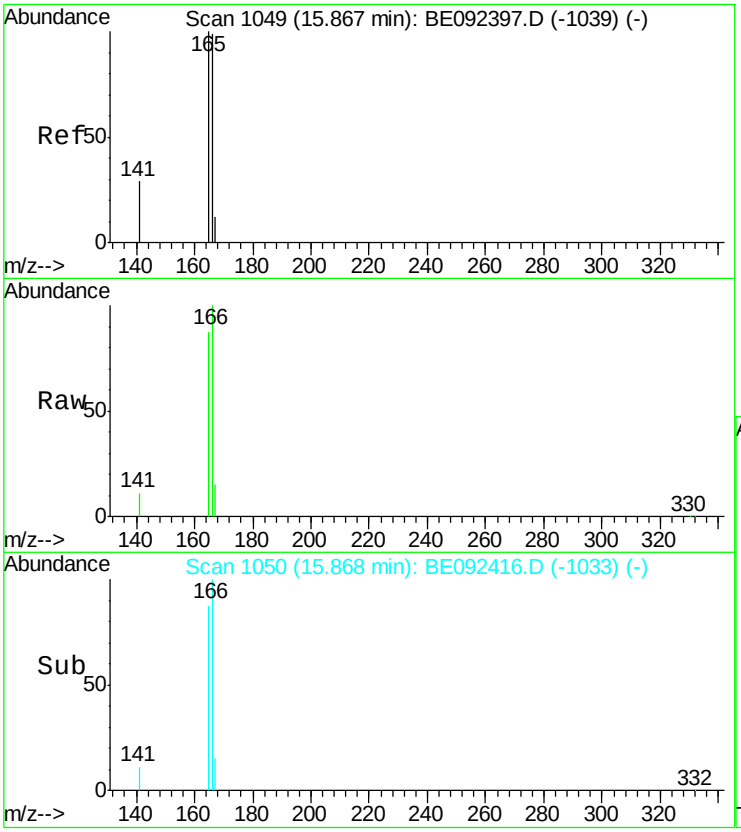


#16
Acenaphthene
Concen: 3.86 ng
RT: 14.88 min Scan# 984
Delta R.T. -0.00 min
Lab File: BE092416.D
Acq: 23 Sep 2016 15:30

Tgt Ion:154 Resp: 21635

Ion	Ratio	Lower	Upper
154	100		
153	457.0	350.8	526.2
152	230.5	171.1	256.7



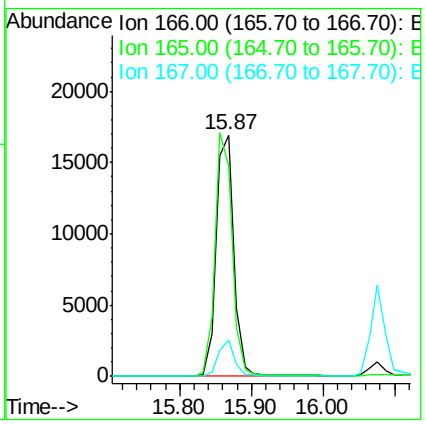


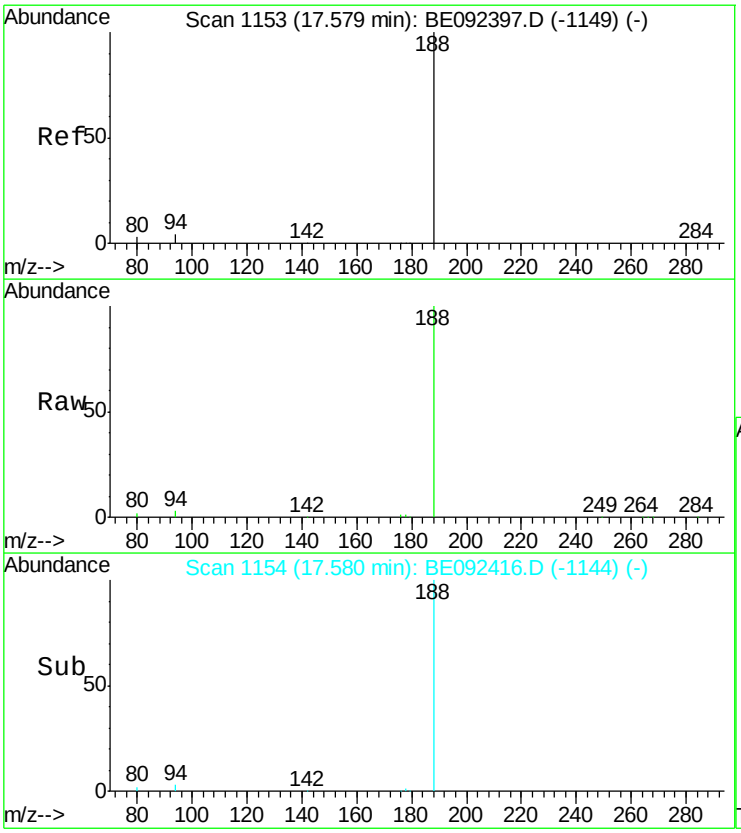
#17
Fluorene
Concen: 4.03 ng
RT: 15.87 min Scan# 1050
Delta R.T. 0.00 min
Lab File: BE092416.D
Acq: 23 Sep 2016 15:30

Instrument :
BNA_E
ClientSampleId :
PB93552BSD

Tgt Ion:166 Resp: 28685

Ion	Ratio	Lower	Upper
166	100		
165	98.0	78.2	117.4
167	13.4	11.0	16.4

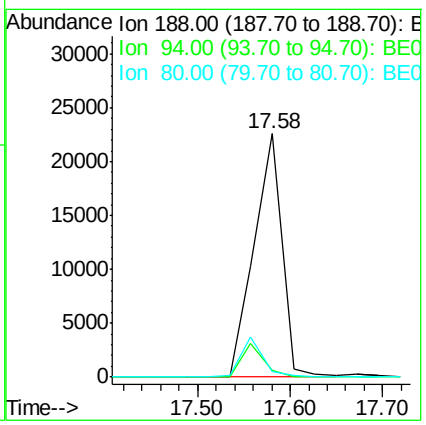


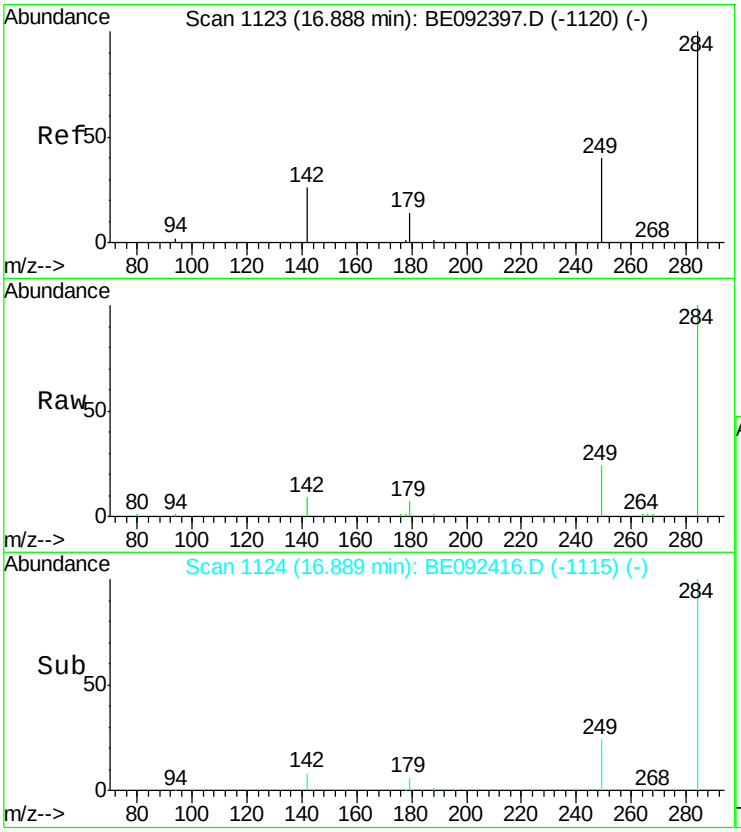


#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.58 min Scan# 1154
Delta R.T. 0.02 min
Lab File: BE092416.D
Acq: 23 Sep 2016 15:30

Tgt Ion:188 Resp: 46711

Ion	Ratio	Lower	Upper
188	100		
94	3.0	3.2	4.8#
80	2.3	2.6	3.8#



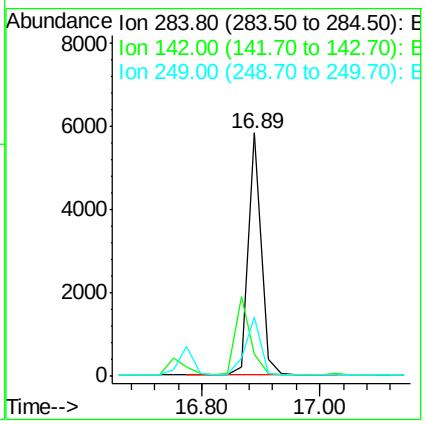


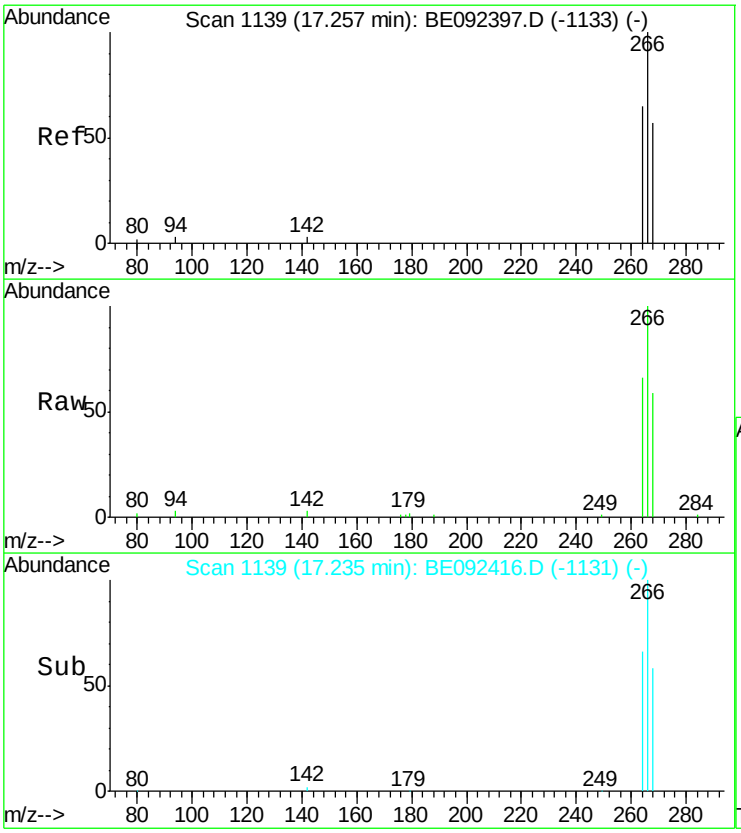
#19
Hexachlorobenzene
Concen: 4.42 ng
RT: 16.89 min Scan# 1124
Delta R.T. 0.00 min
Lab File: BE092416.D
Acq: 23 Sep 2016 15:30

Instrument :
BNA_E
ClientSampleId :
PB93552BSD

Tgt Ion:284 Resp: 8836

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

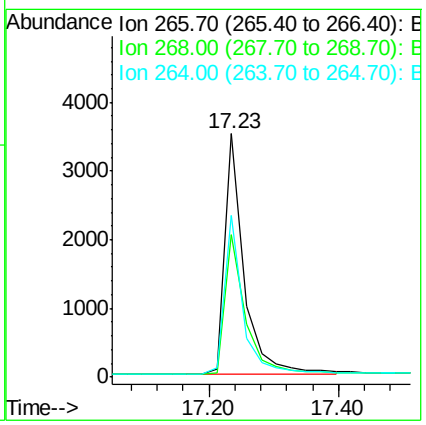


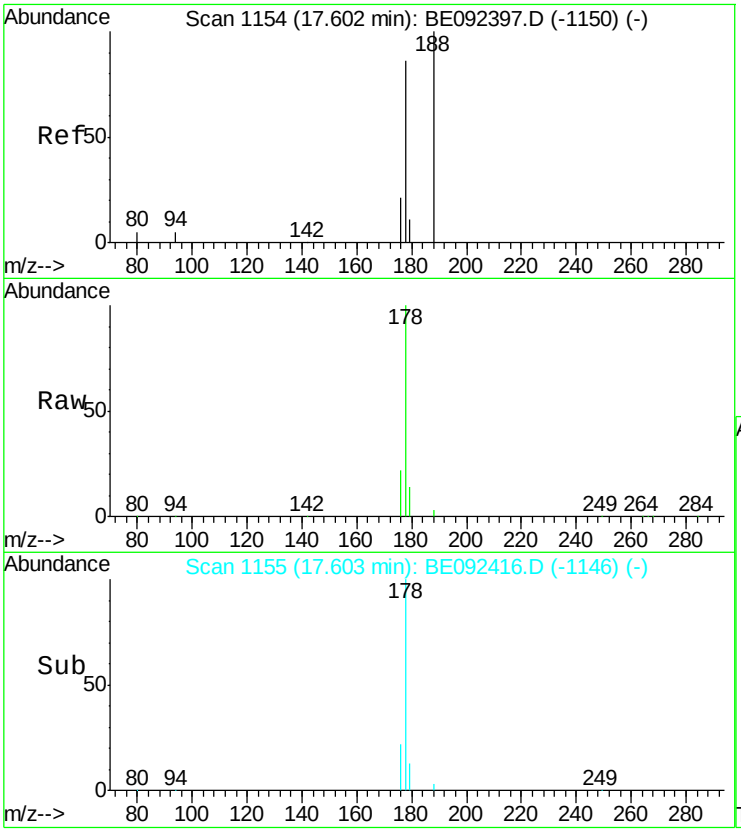


#20
Pentachlorophenol
Concen: 9.91 ng
RT: 17.23 min Scan# 1139
Delta R.T. -0.02 min
Lab File: BE092416.D
Acq: 23 Sep 2016 15:30

Tgt Ion:266 Resp: 7283

Ion	Ratio	Lower	Upper
266	100		
268	58.8	62.5	93.7#
264	66.2	57.2	85.8



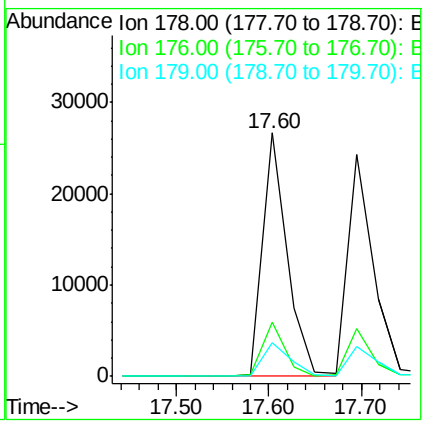


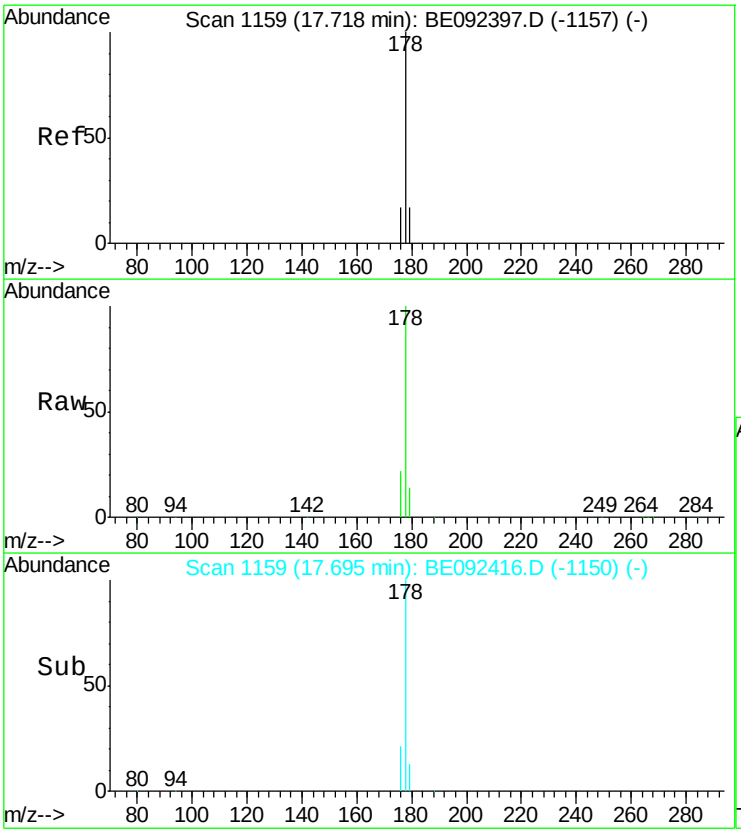
#21
Phenanthrene
Concen: 4.49 ng
RT: 17.60 min Scan# 1155
Delta R.T. 0.00 min
Lab File: BE092416.D
Acq: 23 Sep 2016 15:30

Instrument :
BNA_E
ClientSampleId :
PB93552BSD

Tgt Ion:178 Resp: 48237

Ion	Ratio	Lower	Upper
178	100		
176	20.0	15.8	23.8
179	15.0	16.0	24.0#

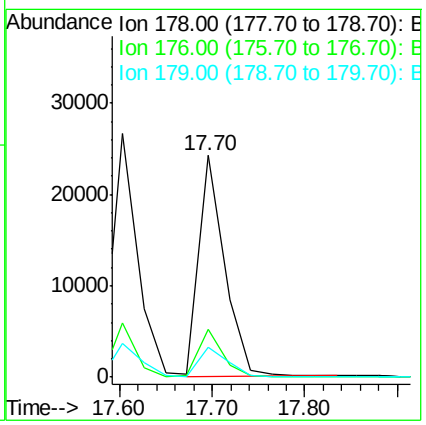


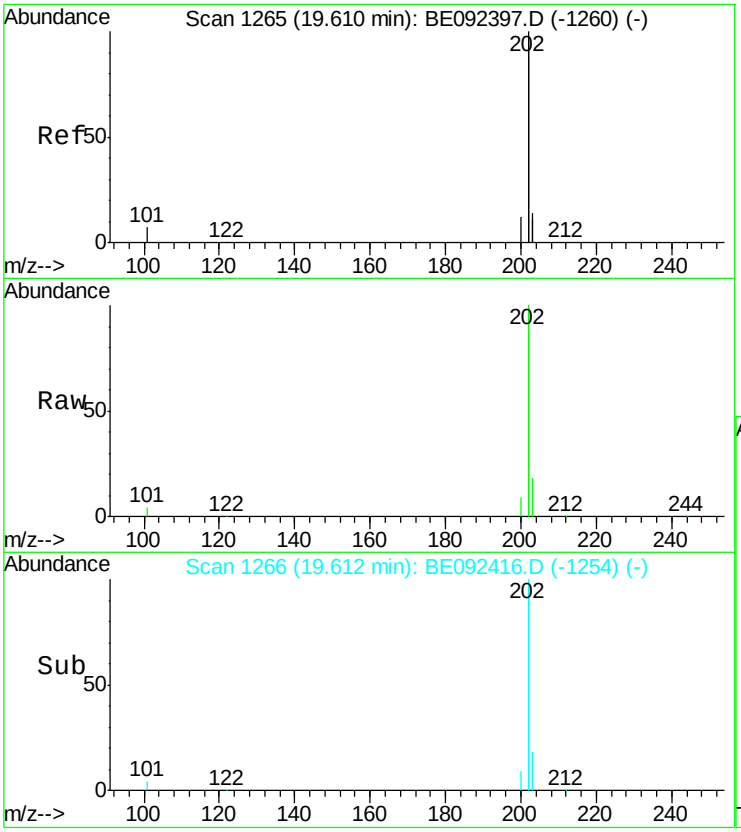


#22
Anthracene
Concen: 4.50 ng
RT: 17.70 min Scan# 1159
Delta R.T. 0.00 min
Lab File: BE092416.D
Acq: 23 Sep 2016 15:30

Tgt Ion:178 Resp: 46486

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



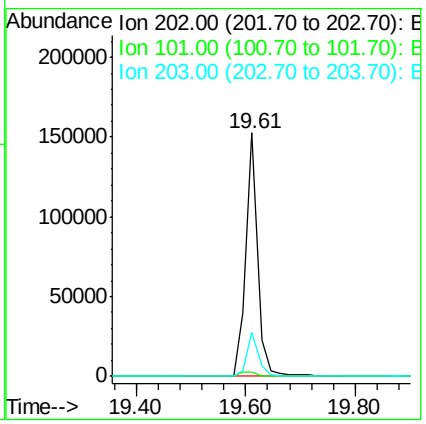


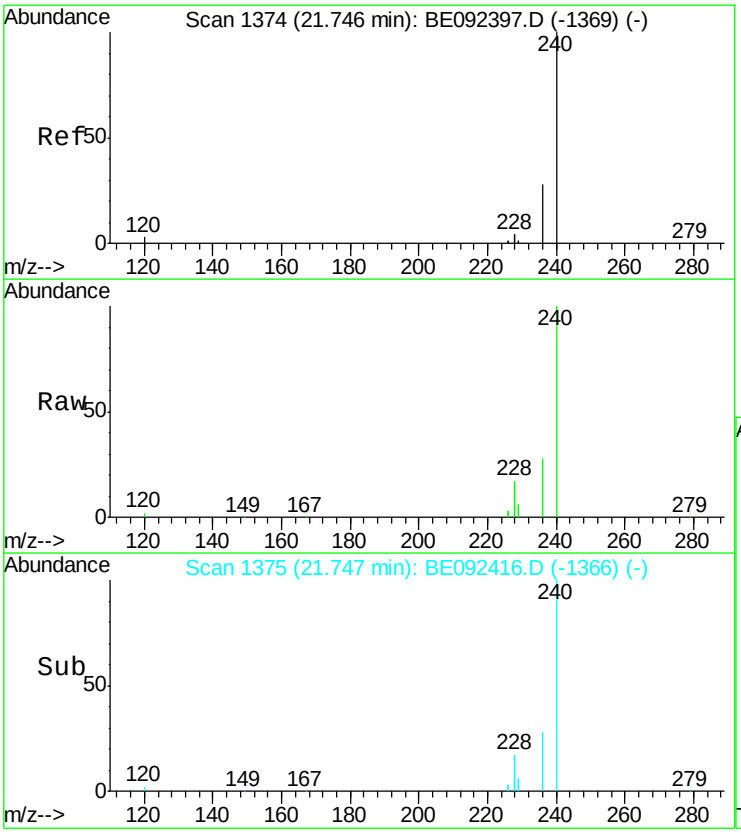
#23
Fluoranthene
Concen: 4.47 ng
RT: 19.61 min Scan# 1266
Delta R.T. 0.00 min
Lab File: BE092416.D
Acq: 23 Sep 2016 15:30

Instrument :
BNA_E
ClientSampleId :
PB93552BSD

Tgt Ion:202 Resp: 227849

Ion	Ratio	Lower	Upper
202	100		
101	2.8	2.2	3.4
203	17.6	13.7	20.5

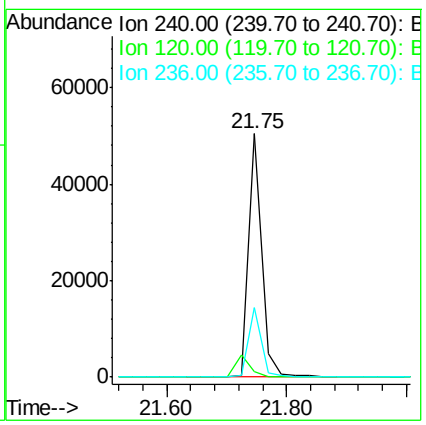


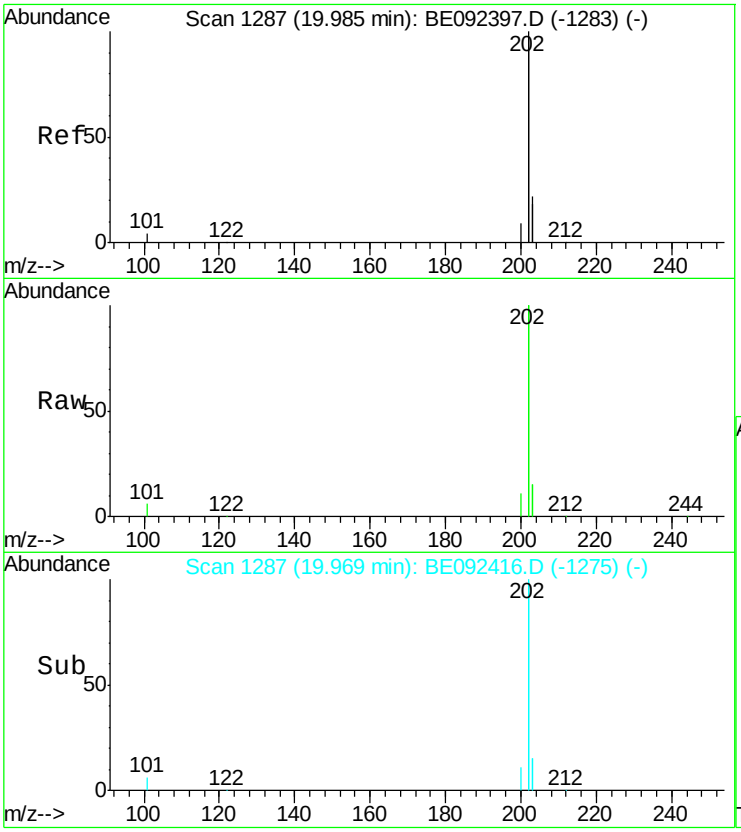


#24
Chrysene-d12
Concen: 5.00 ng
RT: 21.75 min Scan# 1375
Delta R.T. 0.00 min
Lab File: BE092416.D
Acq: 23 Sep 2016 15:30

Tgt Ion:240 Resp: 77477

Ion	Ratio	Lower	Upper
240	100		
120	2.4	2.6	4.0#
236	28.3	24.6	37.0



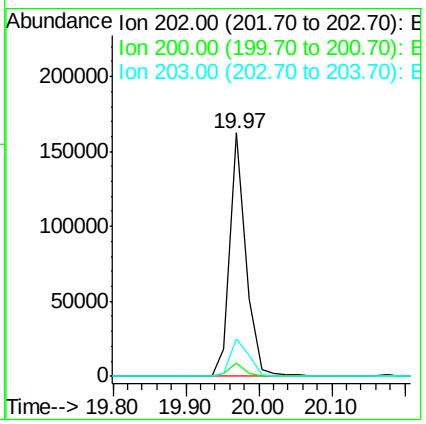


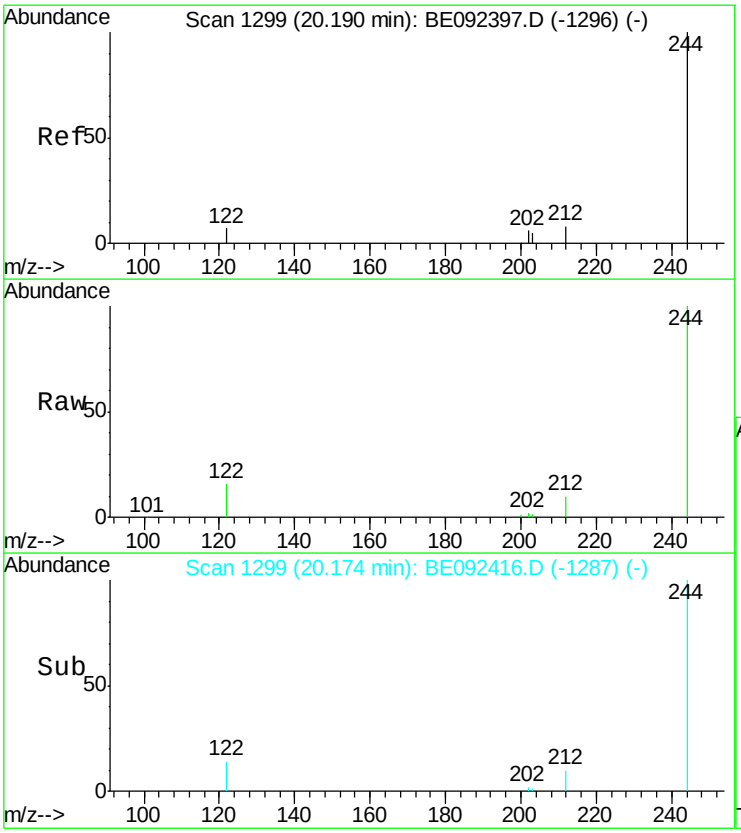
#25
Pyrene
Concen: 3.64 ng
RT: 19.97 min Scan# 1287
Delta R.T. 0.00 min
Lab File: BE092416.D
Acq: 23 Sep 2016 15:30

Instrument :
BNA_E
ClientSampleId :
PB93552BSD

Tgt Ion:202 Resp: 244473

Ion	Ratio	Lower	Upper
202	100		
200	5.3	4.2	6.4
203	17.8	13.9	20.9

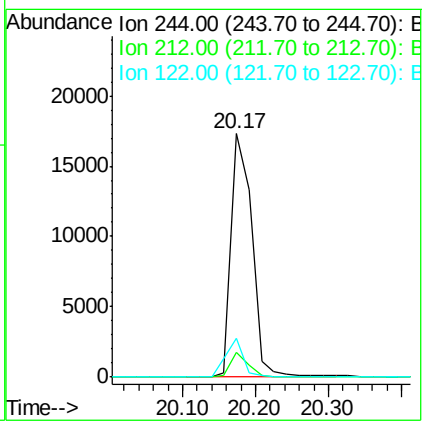


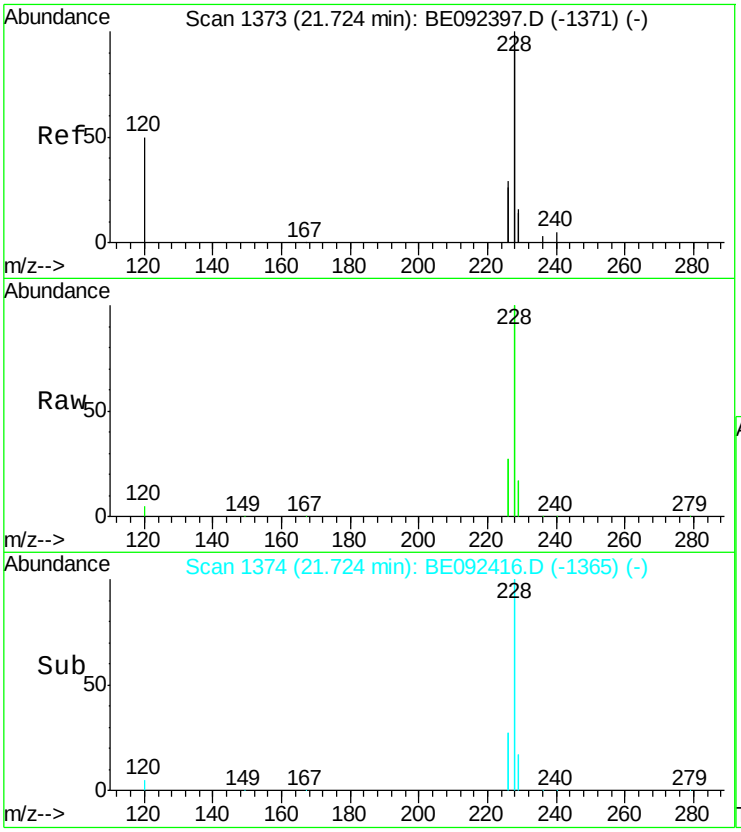


#26
Terphenyl-d14
Concen: 3.48 ng
RT: 20.17 min Scan# 1299
Delta R.T. 0.00 min
Lab File: BE092416.D
Acq: 23 Sep 2016 15:30

Tgt Ion:244 Resp: 33404

Ion	Ratio	Lower	Upper
244	100		
212	10.0	6.7	10.1
122	15.8	3.6	5.4#



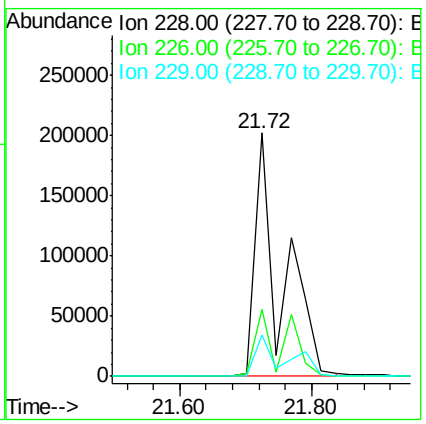


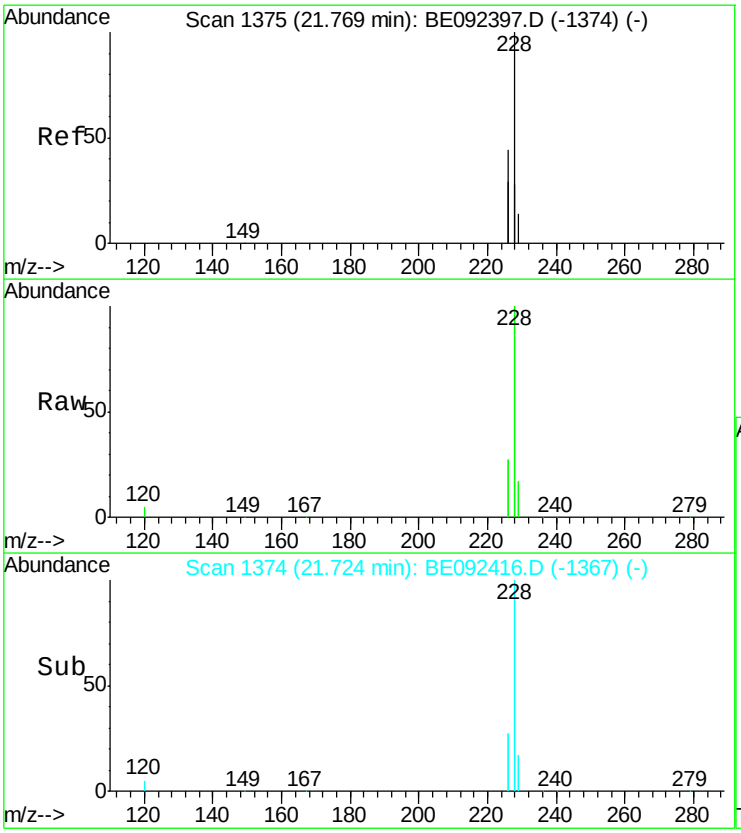
#27
Benzo(a)anthracene
Concen: 7.33 ng
RT: 21.72 min Scan# 1374
Delta R.T. 0.00 min
Lab File: BE092416.D
Acq: 23 Sep 2016 15:30

Instrument :
BNA_E
ClientSampleId :
PB93552BSD

Tgt Ion:228 Resp: 553342

Ion	Ratio	Lower	Upper
228	100		
226	27.3	23.6	35.4
229	16.9	13.3	19.9

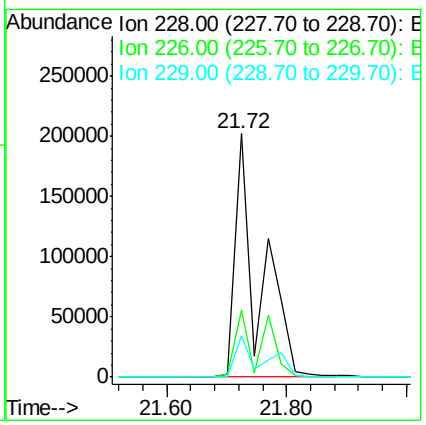


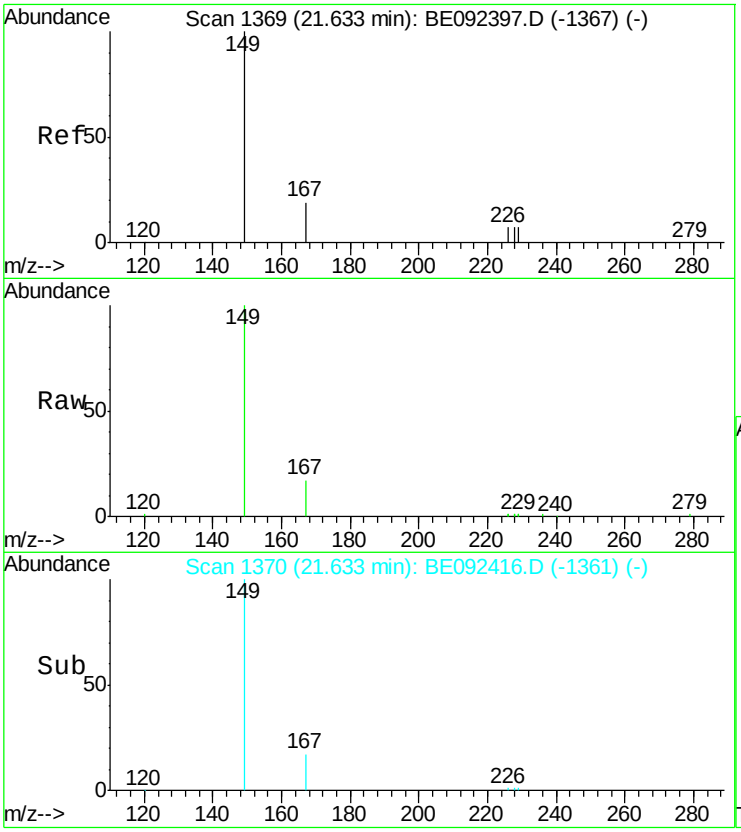


#28
Chrysene
Concen: 8.05 ng
RT: 21.72 min Scan# 1374
Delta R.T. -0.04 min
Lab File: BE092416.D
Acq: 23 Sep 2016 15:30

Tgt Ion:228 Resp: 556472

Ion	Ratio	Lower	Upper
228	100		
226	27.3	36.3	54.5#
229	16.9	10.6	16.0#



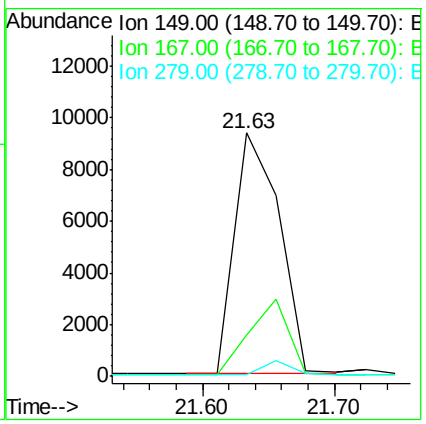


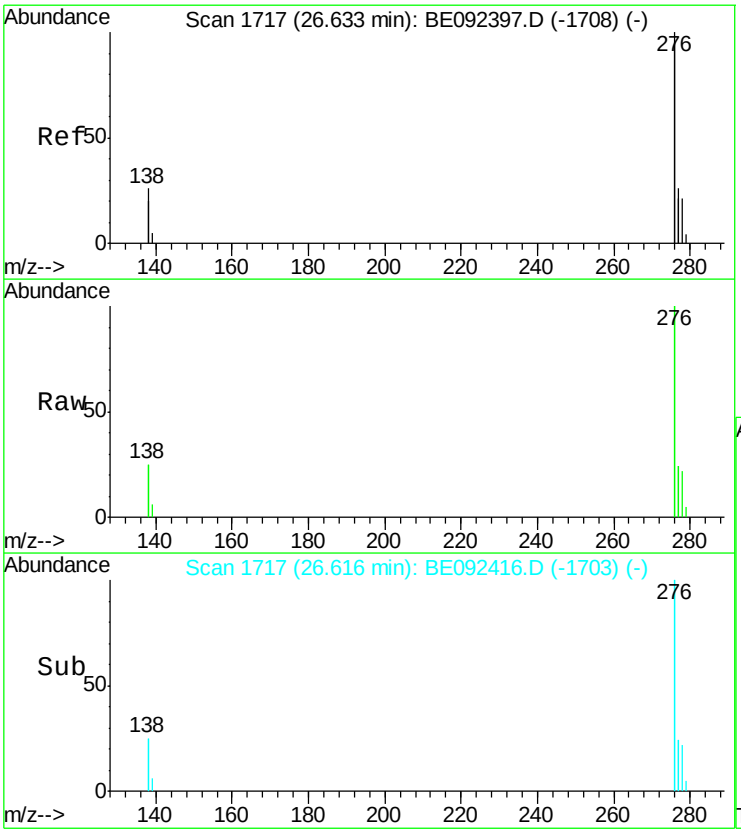
#29
Bis(2-ethylhexyl)phthalate
Concen: 3.42 ng
RT: 21.63 min Scan# 1370
Delta R.T. 0.00 min
Lab File: BE092416.D
Acq: 23 Sep 2016 15:30

Instrument :
BNA_E
ClientSampleId :
PB93552BSD

Tgt Ion:149 Resp: 22253

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

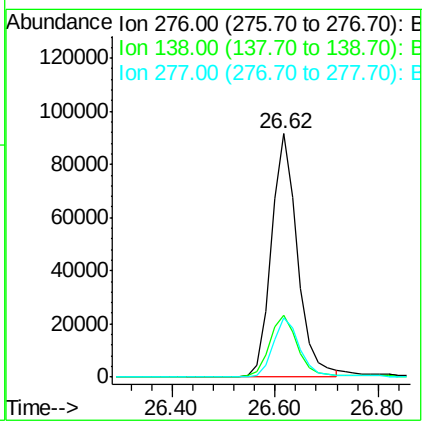


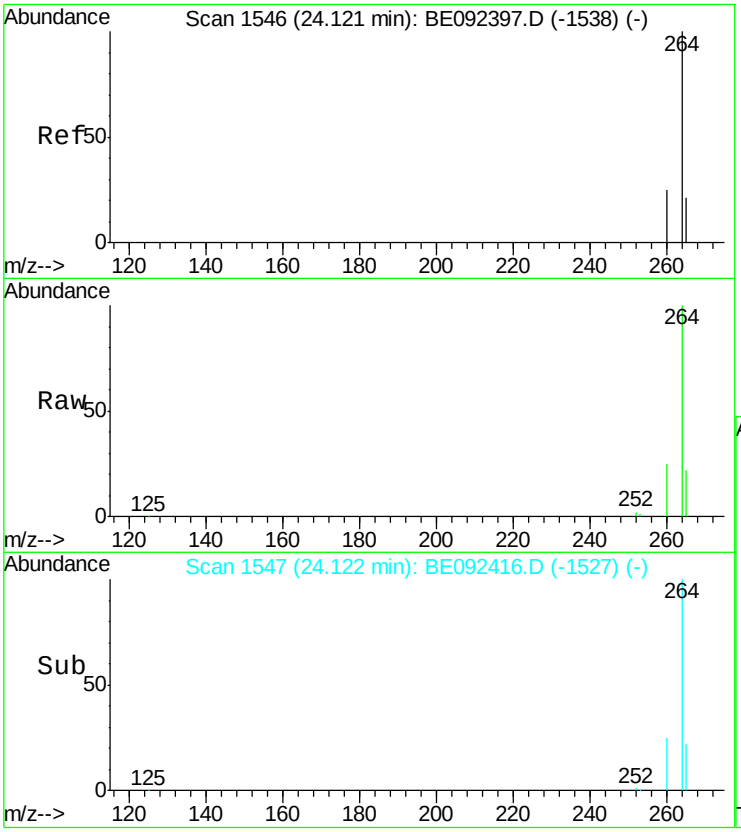


#30
Indeno(1,2,3-cd)pyrene
Concen: 4.35 ng
RT: 26.62 min Scan# 1717
Delta R.T. 0.03 min
Lab File: BE092416.D
Acq: 23 Sep 2016 15:30

Tgt Ion:276 Resp: 318892

Ion	Ratio	Lower	Upper
276	100		
138	26.9	20.3	30.5
277	24.8	19.7	29.5



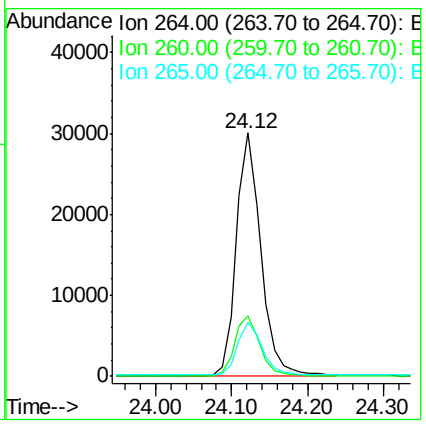


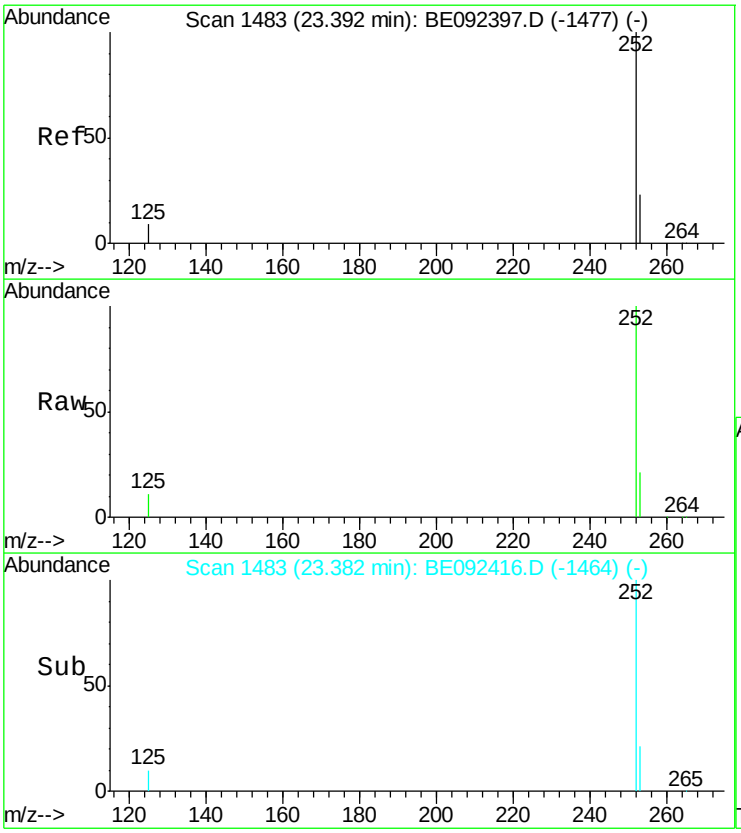
#31
Perylene-d12
Concen: 5.00 ng
RT: 24.12 min Scan# 1547
Delta R.T. 0.04 min
Lab File: BE092416.D
Acq: 23 Sep 2016 15:30

Instrument :
BNA_E
ClientSampleId :
PB93552BSD

Tgt Ion:264 Resp: 67807

Ion	Ratio	Lower	Upper
264	100		
260	25.1	20.1	30.1
265	22.1	17.9	26.9

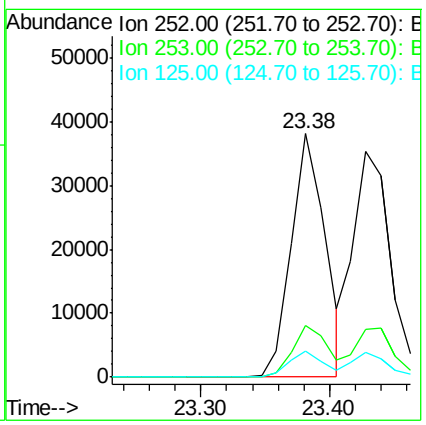


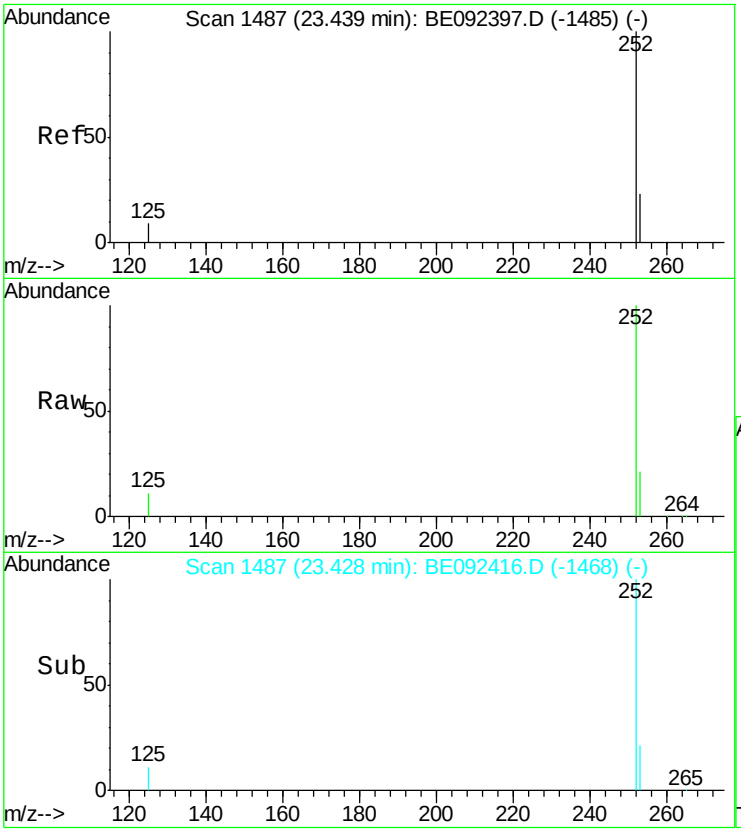


#32
Benzo(b)fluoranthene
Concen: 4.25 ng
RT: 23.38 min Scan# 1483
Delta R.T. 0.02 min
Lab File: BE092416.D
Acq: 23 Sep 2016 15:30

Tgt Ion:252 Resp: 69766

Ion	Ratio	Lower	Upper
252	100		
253	21.4	18.7	28.1
125	10.5	10.5	15.7



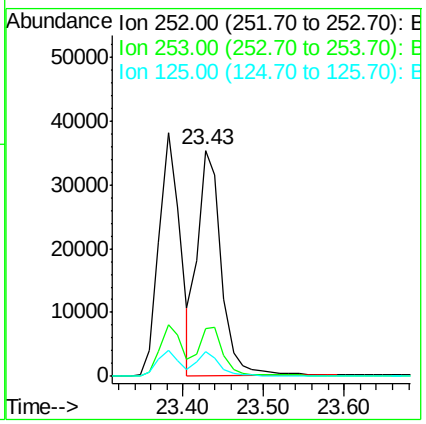


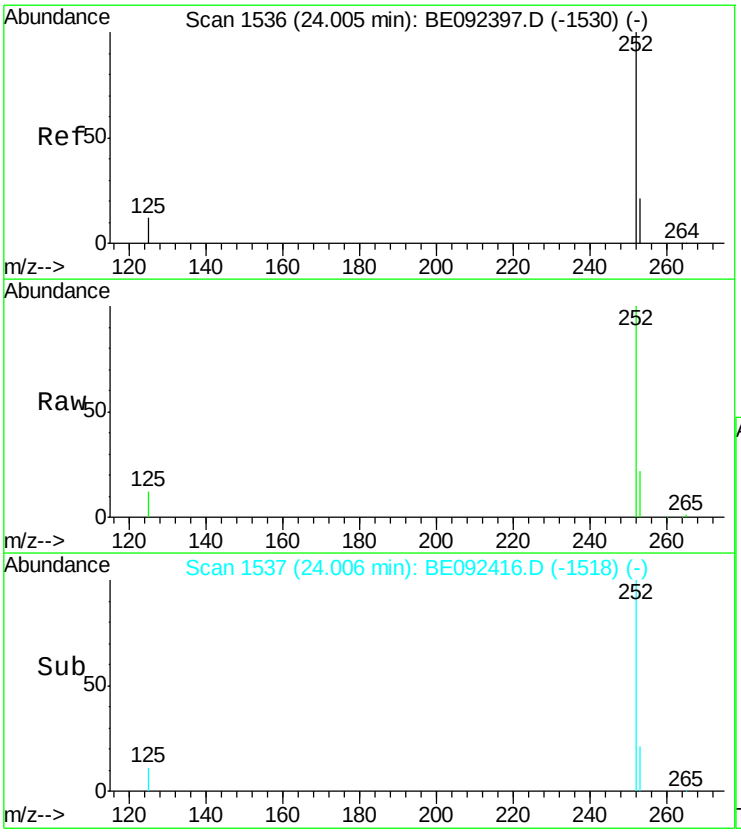
#33
Benzo(k)fluoranthene
Concen: 4.22 ng
RT: 23.43 min Scan# 1487
Delta R.T. 0.02 min
Lab File: BE092416.D
Acq: 23 Sep 2016 15:30

Instrument :
BNA_E
ClientSampleId :
PB93552BSD

Tgt Ion:252 Resp: 72450

Ion	Ratio	Lower	Upper
252	100		
253	21.1	20.3	30.5
125	11.0	9.6	14.4

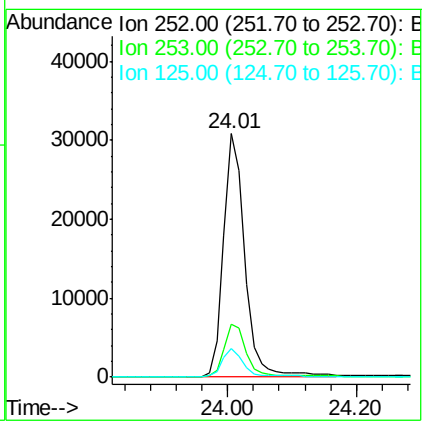


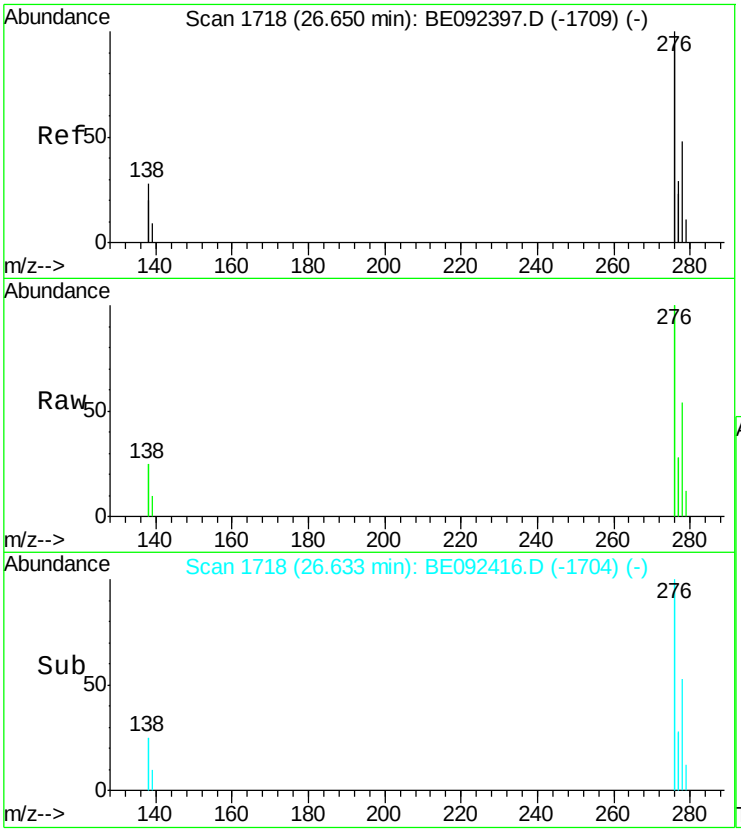


#34
Benzo(a)pyrene
Concen: 4.34 ng
RT: 24.01 min Scan# 1537
Delta R.T. 0.02 min
Lab File: BE092416.D
Acq: 23 Sep 2016 15:30

Tgt Ion:252 Resp: 69828

Ion	Ratio	Lower	Upper
252	100		
253	21.6	19.0	28.6
125	11.6	11.8	17.8#



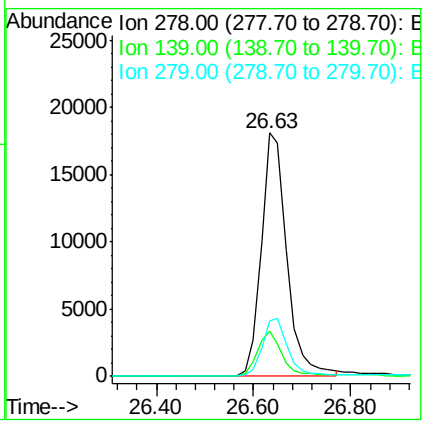


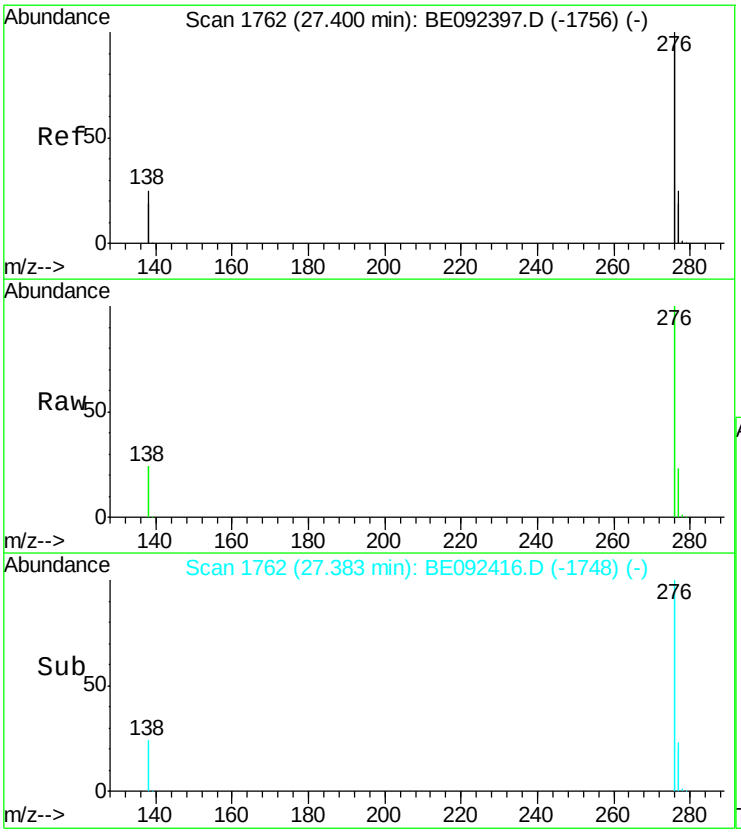
#35
Dibenzo(a,h)anthracene
Concen: 4.51 ng
RT: 26.63 min Scan# 1718
Delta R.T. 0.03 min
Lab File: BE092416.D
Acq: 23 Sep 2016 15:30

Instrument :
BNA_E
ClientSampleId :
PB93552BSD

Tgt Ion:278 Resp: 66488

Ion	Ratio	Lower	Upper
278	100		
139	18.6	13.8	20.8
279	23.0	21.4	32.2





#36
Benzo(g,h,i)perylene
Concen: 4.37 ng
RT: 27.38 min Scan# 1762
Delta R.T. 0.03 min
Lab File: BE092416.D
Acq: 23 Sep 2016 15:30

Tgt Ion:276 Resp: 276995

Ion	Ratio	Lower	Upper
276	100		
277	23.0	19.8	29.8
138	23.6	19.8	29.6