Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE040417\
Data File : BE092887.D
Acq On : 4 Apr 2017 16:34
Operator : SJ/MA
Sample : I2296-02
Misc : LOO 0.2 PPB
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Apr 04 18:43:20 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE040417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 04 16:35:54 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	7795	5.00	ng		-0.02
7) Naphthalene-d8	10.53	136	33804	5.00	ng		-0.02
12) Acenaphthene-d10	14.40	164	16297	5.00	ng		0.00
18) Phenanthrene-d10	17.13	188	39954	5.00	ng		-0.02
24) Chrysene-d12	21.28	240	43126	5.00	ng		-0.02
31) Perylene-d12	23.70	264	37364	5.00	ng		-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.36	112	20370	12.97	ng		0.00
5) Phenol-d6	6.94	99	28156	12.50	ng		0.00
8) Nitrobenzene-d5	8.90	82	11863	6.12	ng		-0.02
13) 2,4,6-Tribromophenol	15.88	330	2856	13.64	ng		0.00
14) 2-Fluorobiphenyl	13.02	172	36329	6.60	ng		-0.01
26) Terphenyl-d14	19.74	244	41372	6.24	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.32	88	232	0.22	ng		91
3) n-Nitrosodimethylamine	3.61	42	216	0.21	ng	#	83
6) bis(2-Chloroethyl)ether	7.20	93	549	0.22	ng	#	50
9) Naphthalene	10.58	128	1706	0.23	ng		97
10) Hexachlorobutadiene	10.89	225	233	0.23	ng		96
11) 2-Methylnaphthalene	12.21	142	968	0.21	ng		90
15) Acenaphthylene	14.09	152	4446	0.19	ng		99
16) Acenaphthene	14.45	154	1026	0.22	ng		99
17) Fluorene	15.44	166	1063	0.20	ng		99
19) Hexachlorobenzene	16.47	284	294	0.19	ng	#	39
20) Pentachlorophenol	16.79	266	69	0.32	ng	#	85
21) Phenanthrene	17.18	178	2137	0.20	ng		96
22) Anthracene	17.27	178	1547	0.18	ng		98
23) Fluoranthene	19.16	202	7114	0.18	ng		99
25) Pyrene	19.52	202	7568	0.20	ng		98
27) Benzo(a)anthracene	21.26	228	1691	0.18	ng	#	92
28) Chrysene	21.32	228	2279	0.21	ng	#	75
29) Bis(2-ethylhexyl)phthalate	21.21	149	381	0.16	ng	#	73
30) Indeno(1,2,3-cd)pyrene	26.22	276	7050	0.20	ng	#	91
32) Benzo(b)fluoranthene	22.96	252	1770	0.19	ng	#	89
33) Benzo(k)fluoranthene	23.01	252	1590	0.19	ng	#	91
34) Benzo(a)pyrene	23.58	252	1332	0.19	ng	#	87
35) Dibenzo(a,h)anthracene	26.25	278	1556	0.19	ng	#	87
36) Benzo(g,h,i)perylene	27.00	276	6574	0.20	ng	#	85

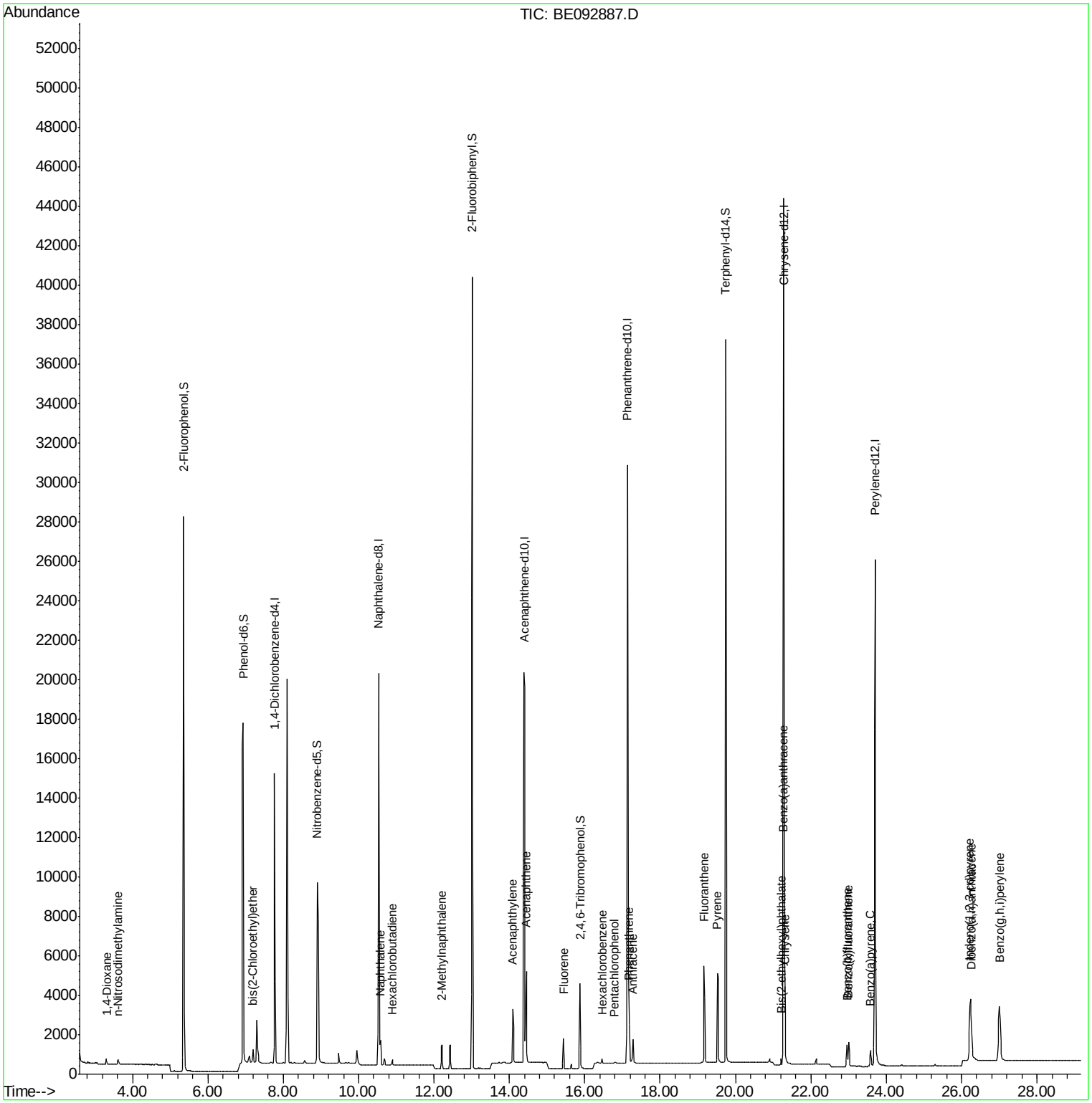
(#) = qualifier out of range (m) = manual integration (+) = signals summed

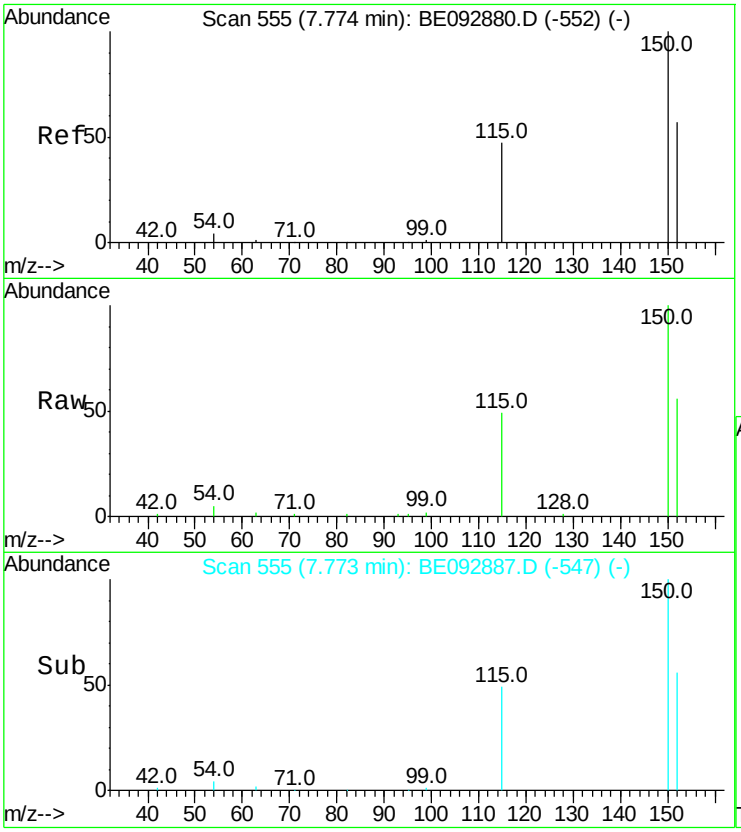
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE040417\
Data File : BE092887.D
Acq On : 4 Apr 2017 16:34
Operator : SJ/MA
Sample : I2296-02
Misc : LOO 0.2 PPB
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Apr 04 18:43:20 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE040417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 04 16:35:54 2017
Response via : Initial Calibration



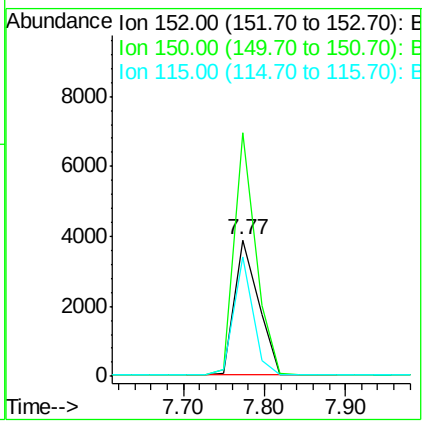


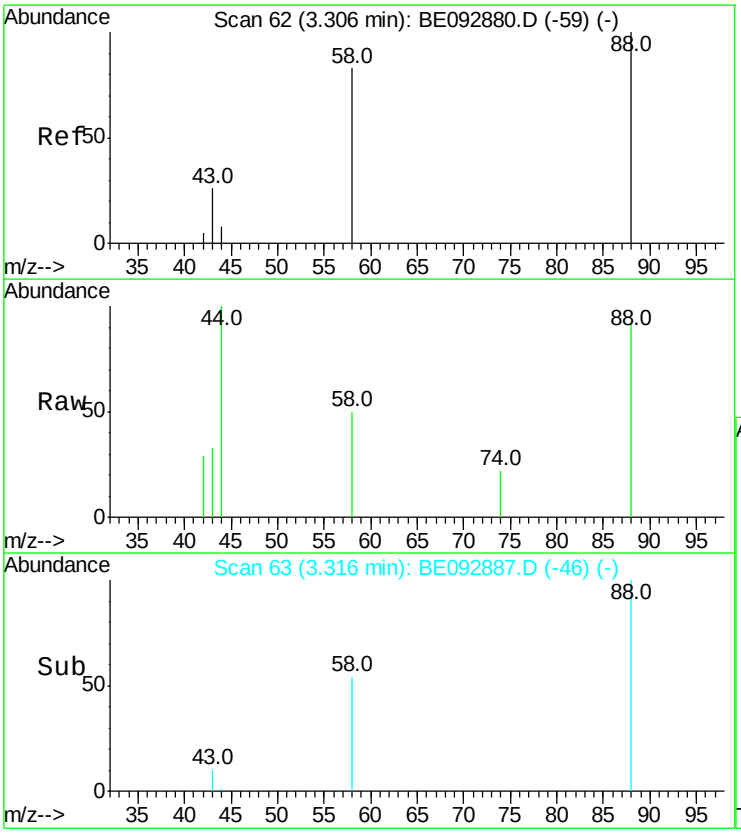
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.77 min Scan# 555
Delta R.T. -0.02 min
Lab File: BE092887.D
Acq: 4 Apr 2017 16:34

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 7795

Ion	Ratio	Lower	Upper
152	100		
150	178.3	106.0	159.0#
115	87.2	31.2	46.8#

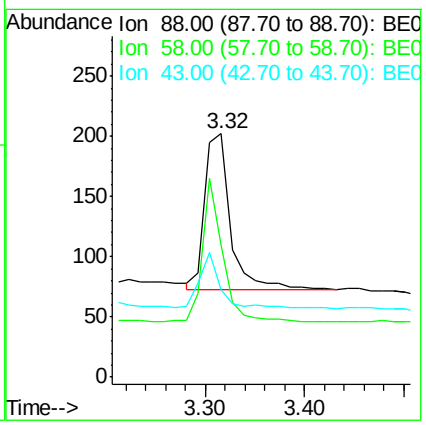


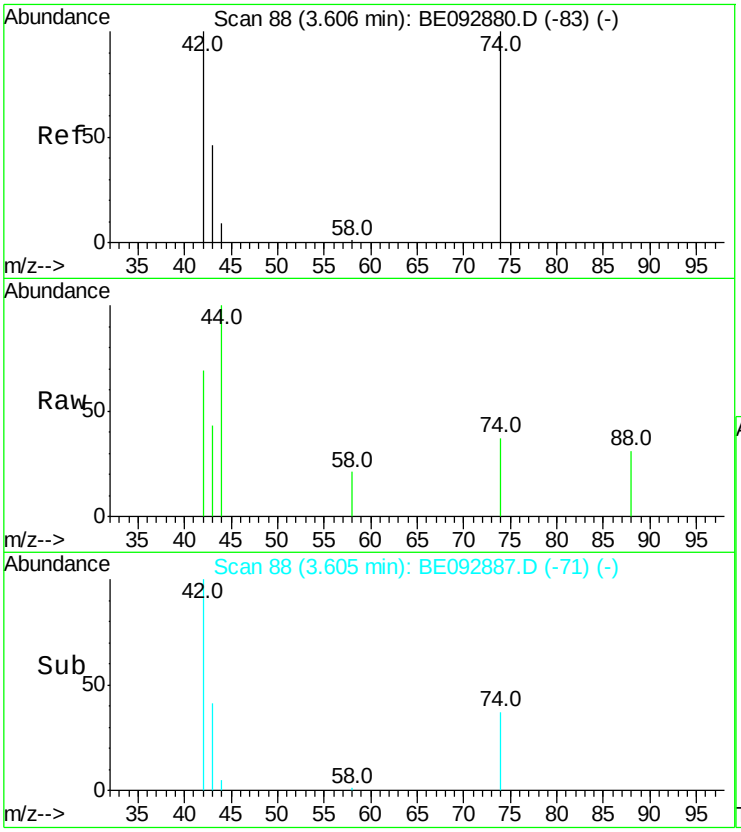


#2
1,4-Dioxane
Concen: 0.22 ng
RT: 3.32 min Scan# 63
Delta R.T. -0.00 min
Lab File: BE092887.D
Acq: 4 Apr 2017 16:34

Tgt Ion: 88 Resp: 232

Ion	Ratio	Lower	Upper
88	100		
58	70.7	63.6	95.4
43	30.6	28.0	42.0



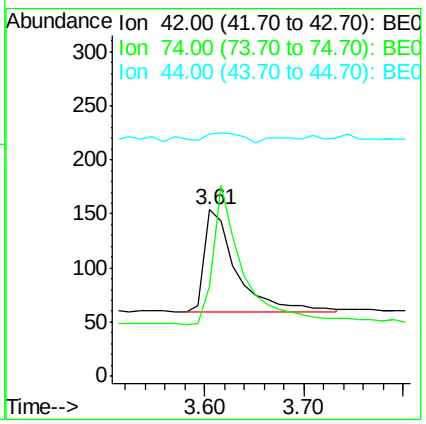


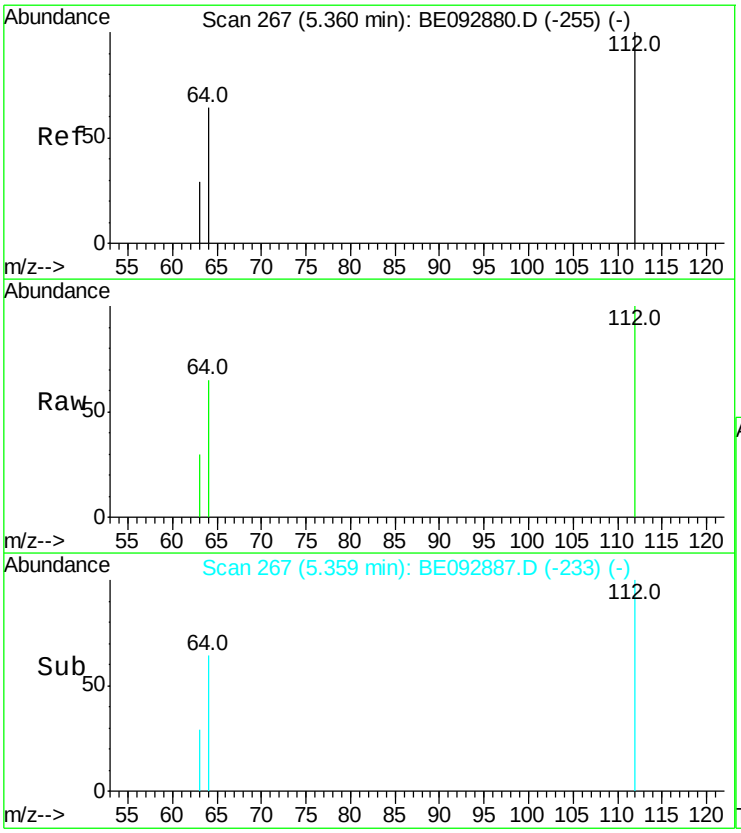
#3
n-Nitrosodimethylamine
Concen: 0.21 ng
RT: 3.61 min Scan# 88
Delta R.T. -0.00 min
Lab File: BE092887.D
Acq: 4 Apr 2017 16:34

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 42 Resp: 216

Ion	Ratio	Lower	Upper
42	100		
74	125.9	86.0	129.0
44	9.7	5.1	7.7#

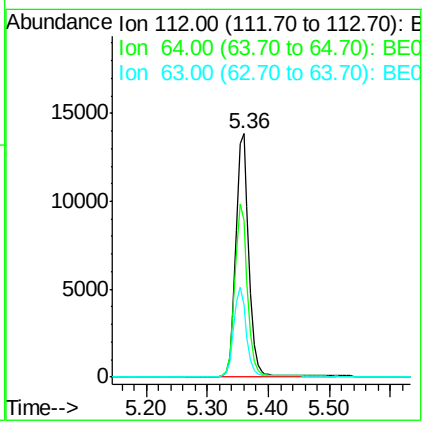


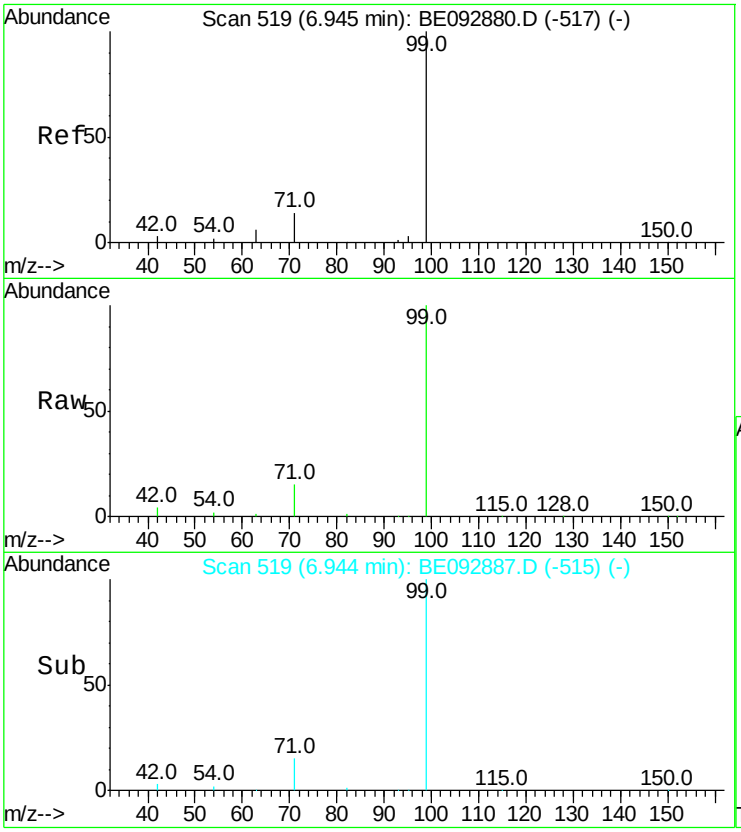


#4
2-Fluorophenol
Concen: 12.97 ng
RT: 5.36 min Scan# 267
Delta R.T. -0.00 min
Lab File: BE092887.D
Acq: 4 Apr 2017 16:34

Tgt Ion:112 Resp: 20370

Ion	Ratio	Lower	Upper
112	100		
64	69.4	53.5	80.3
63	35.6	27.9	41.9



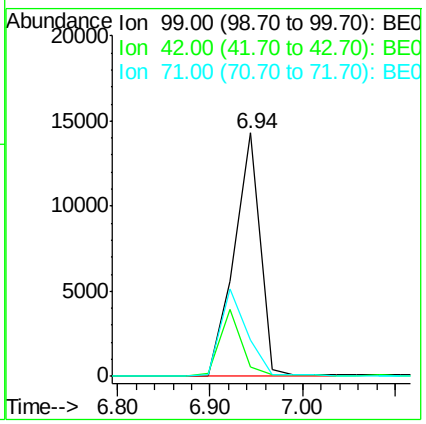


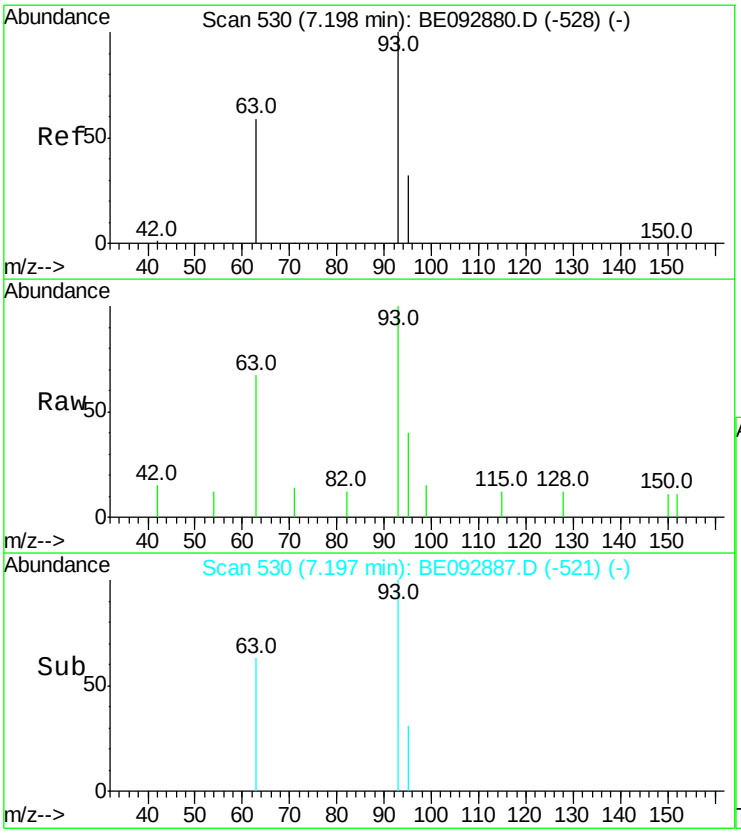
#5
Phenol-d6
Concen: 12.50 ng
RT: 6.94 min Scan# 519
Delta R.T. -0.00 min
Lab File: BE092887.D
Acq: 4 Apr 2017 16:34

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 99 Resp: 28156

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

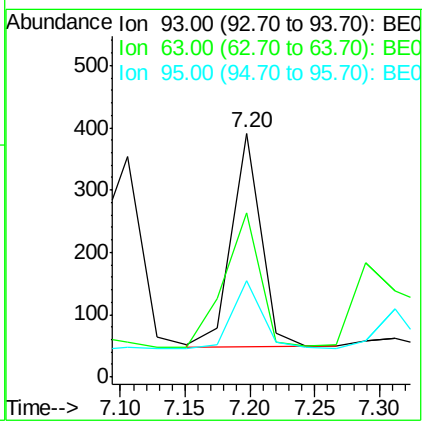


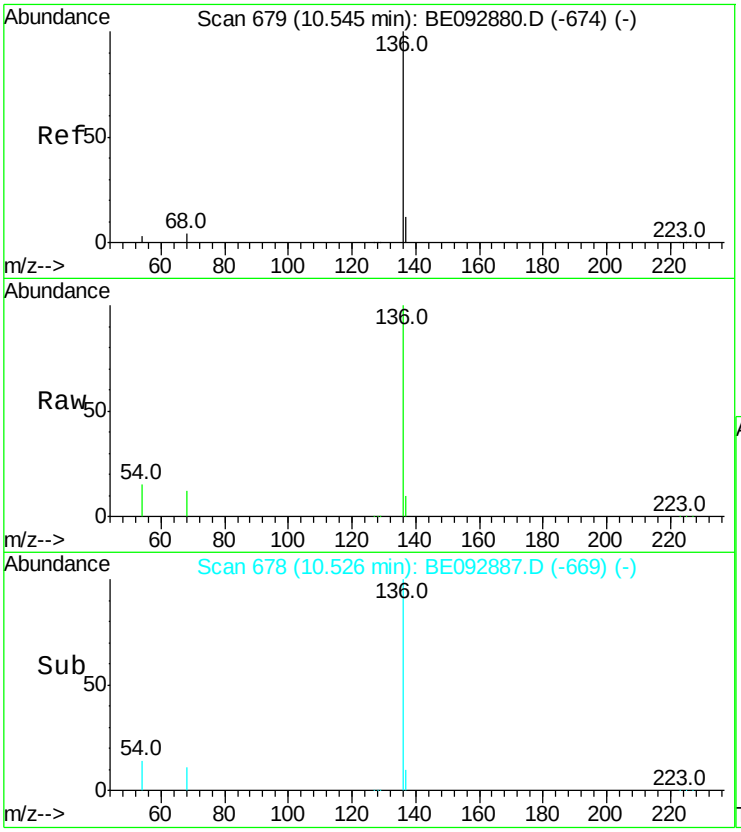


#6
bis(2-Chloroethyl)ether
Concen: 0.22 ng
RT: 7.20 min Scan# 530
Delta R.T. -0.00 min
Lab File: BE092887.D
Acq: 4 Apr 2017 16:34

Tgt Ion: 93 Resp: 549

Ion	Ratio	Lower	Upper
93	100		
63	75.6	16.0	24.0#
95	31.7	24.0	36.0

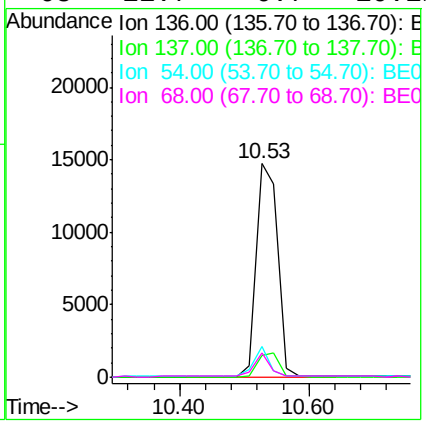




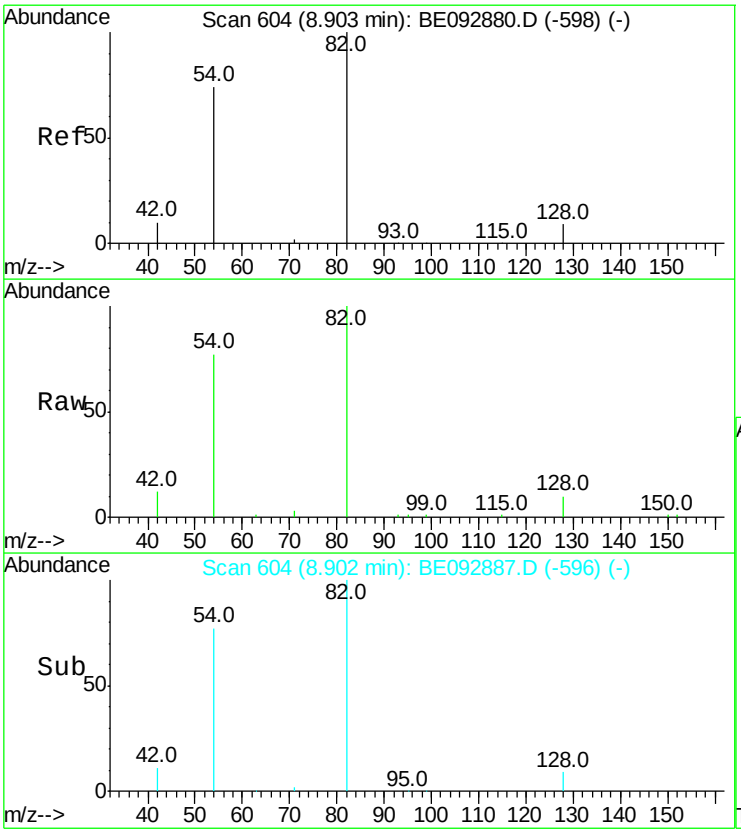
#7
Naphthalene-d8
Concen: 5.00 ng
RT: 10.53 min Scan# 678
Delta R.T. -0.02 min
Lab File: BE092887.D
Acq: 4 Apr 2017 16:34

Tgt Ion:136 Resp: 33804

Ion	Ratio	Lower	Upper
136	100		
137	10.0	8.2	12.4
54	14.5	9.6	14.4#
68	11.7	6.7	10.1#



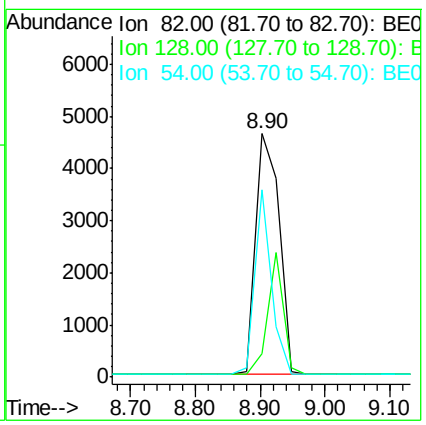
Instrument :
BNA_E
ClientSampleId :

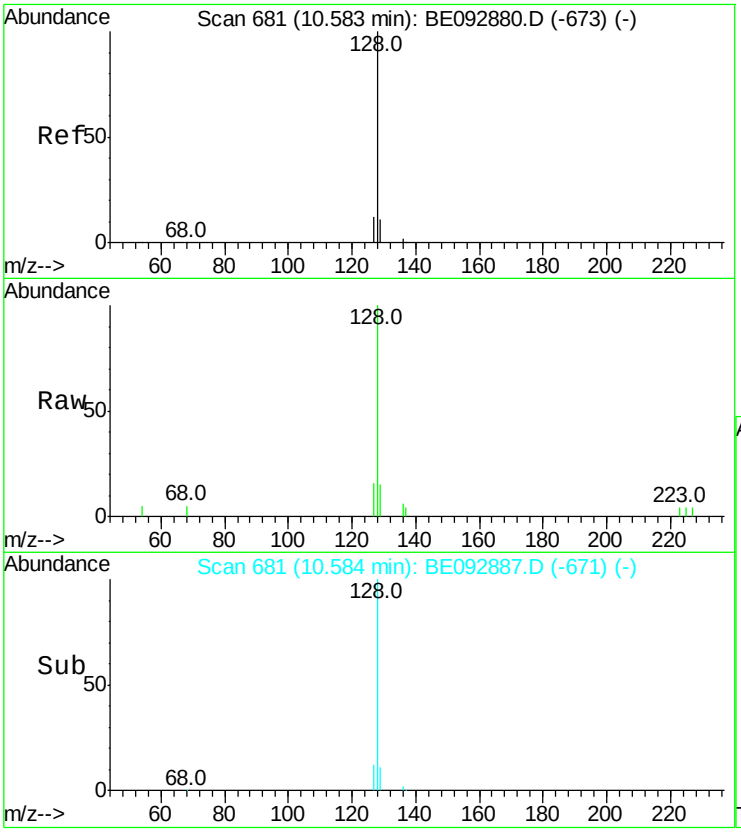


#8
Nitrobenzene-d5
Concen: 6.12 ng
RT: 8.90 min Scan# 604
Delta R.T. -0.02 min
Lab File: BE092887.D
Acq: 4 Apr 2017 16:34

Tgt Ion: 82 Resp: 11863

Ion	Ratio	Lower	Upper
82	100		
128	9.7	39.0	58.4#
54	77.1	44.8	67.2#



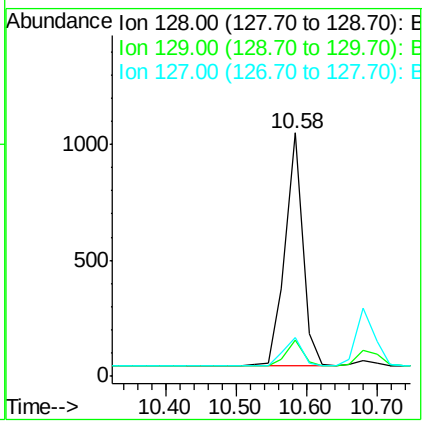


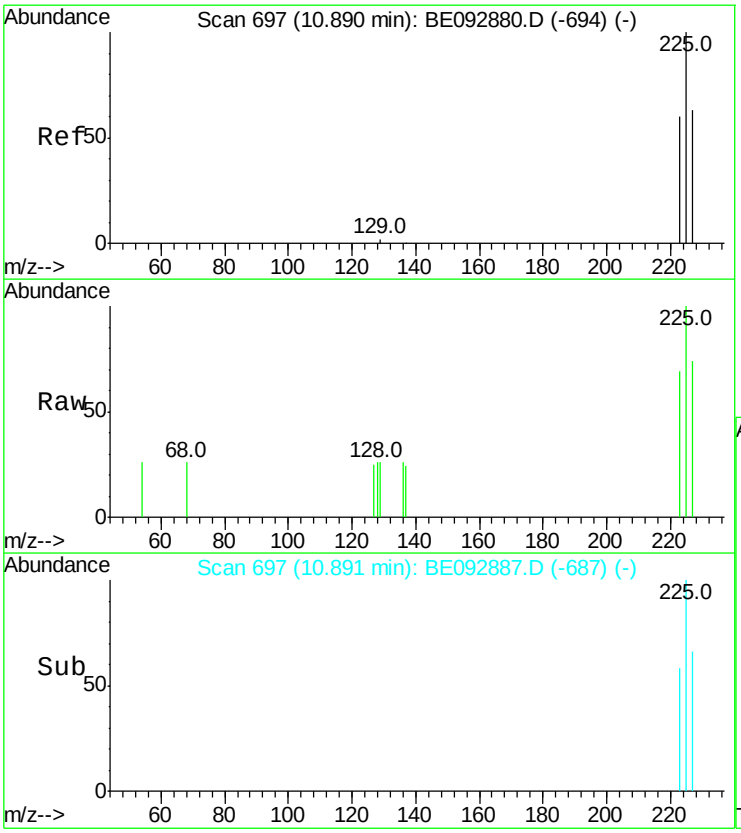
#9
Naphthalene
Concen: 0.23 ng
RT: 10.58 min Scan# 681
Delta R.T. 0.00 min
Lab File: BE092887.D
Acq: 4 Apr 2017 16:34

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:128 Resp: 1706

Ion	Ratio	Lower	Upper
128	100		
129	15.0	11.2	16.8
127	15.8	11.6	17.4

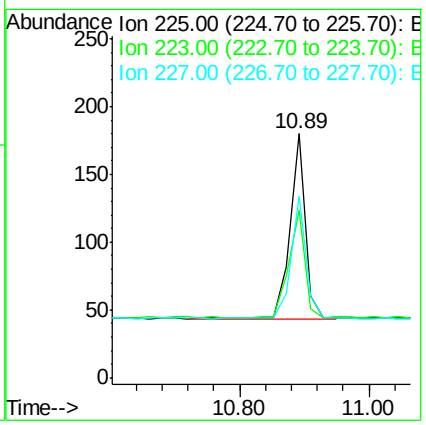


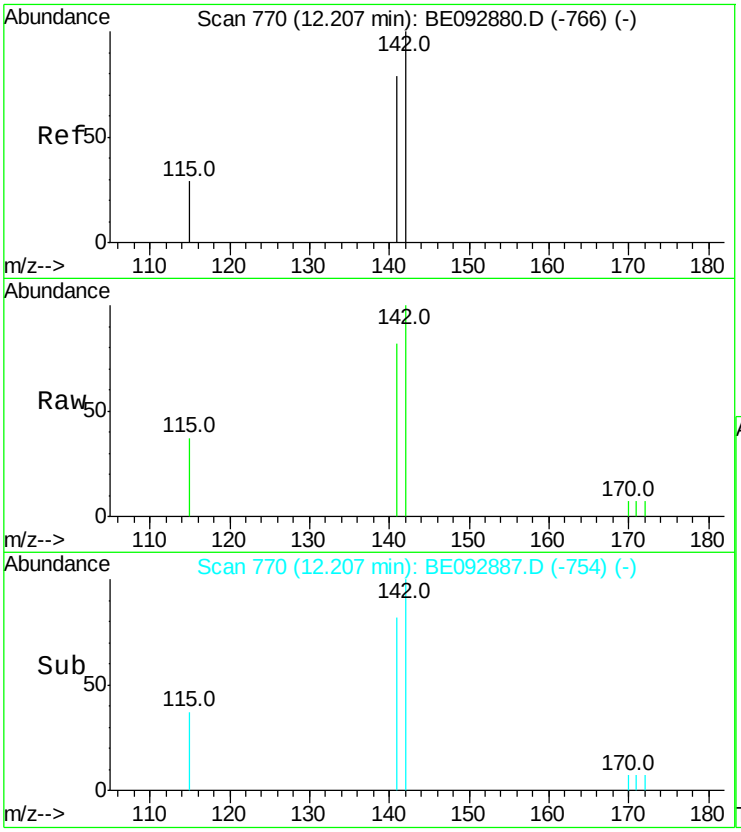


#10
Hexachlorobutadiene
Concen: 0.23 ng
RT: 10.89 min Scan# 697
Delta R.T. 0.00 min
Lab File: BE092887.D
Acq: 4 Apr 2017 16:34

Tgt Ion:225 Resp: 233

Ion	Ratio	Lower	Upper
225	100		
223	60.1	50.6	76.0
227	67.0	51.4	77.0

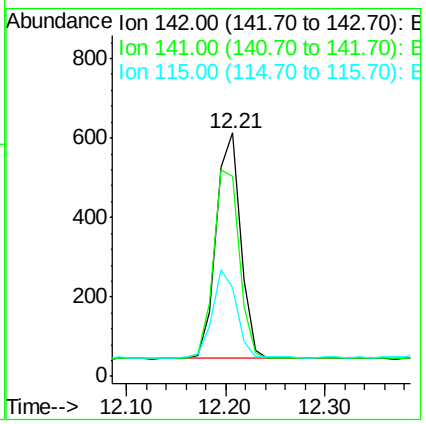




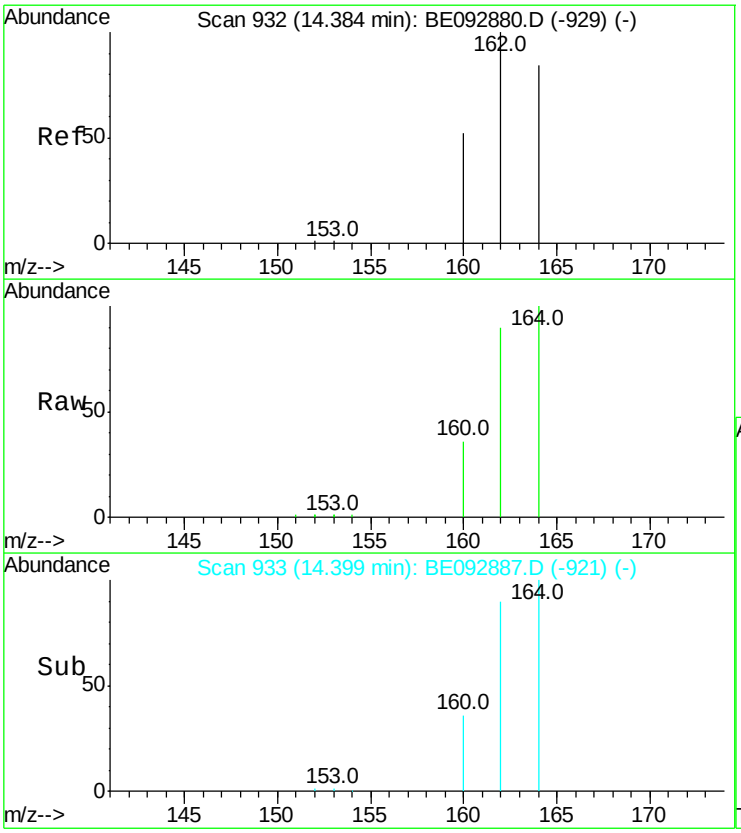
#11
2-Methylnaphthalene
Concen: 0.21 ng
RT: 12.21 min Scan# 770
Delta R.T. -0.00 min
Lab File: BE092887.D
Acq: 4 Apr 2017 16:34

Tgt Ion:142 Resp: 968

Ion	Ratio	Lower	Upper
142	100		
141	82.4	73.7	110.5
115	36.5	34.0	51.0



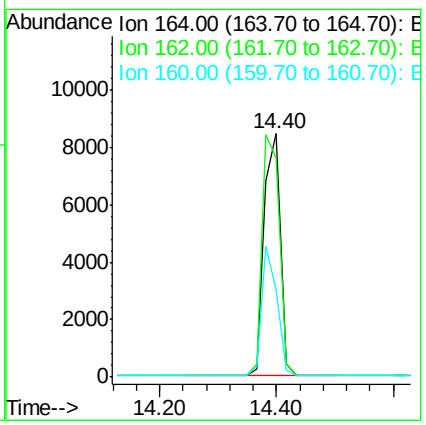
Instrument :
BNA_E
ClientSampleId :

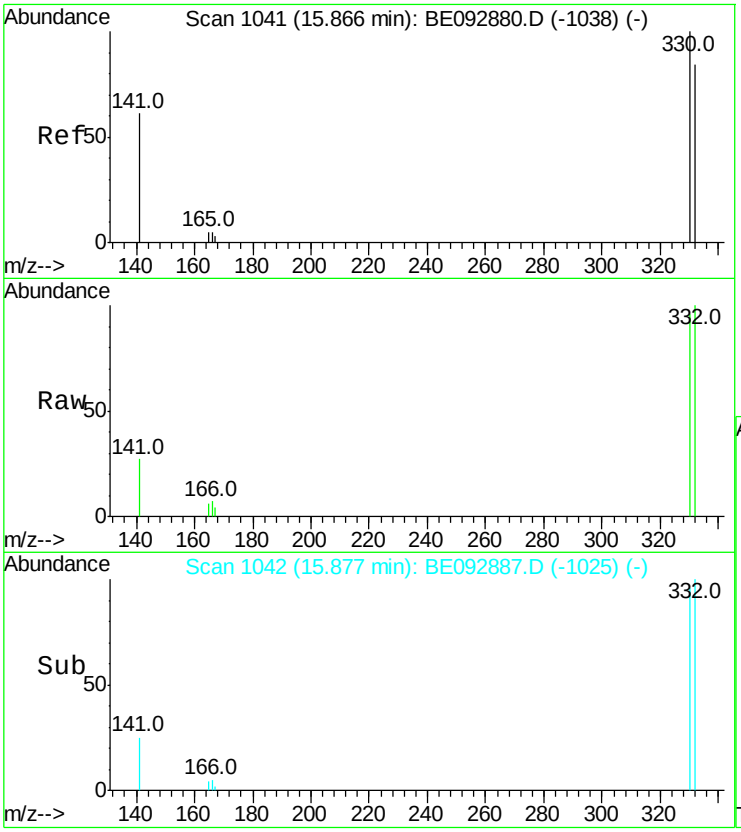


#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.40 min Scan# 933
Delta R.T. -0.00 min
Lab File: BE092887.D
Acq: 4 Apr 2017 16:34

Tgt Ion:164 Resp: 16297

Ion	Ratio	Lower	Upper
164	100		
162	90.0	71.4	107.0
160	35.9	27.4	41.2



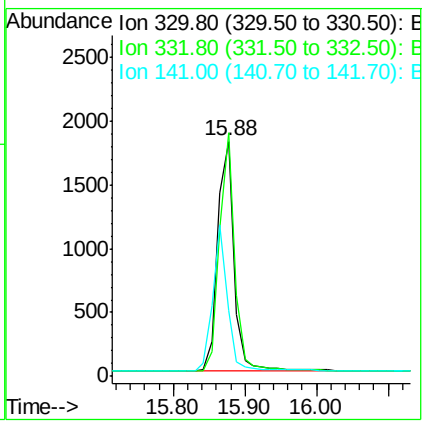


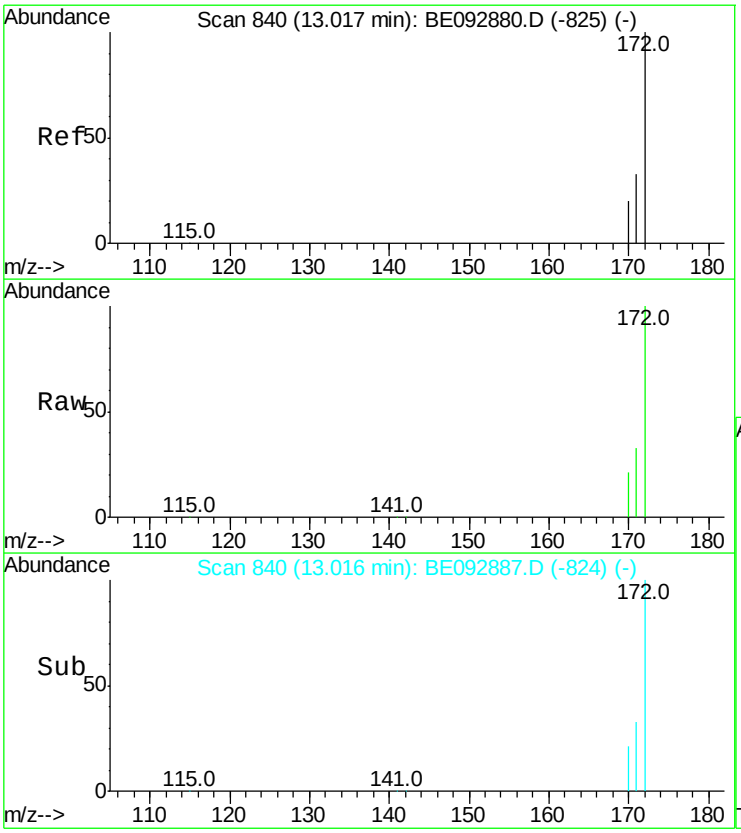
#13
2,4,6-Tribromophenol
Concen: 13.64 ng
RT: 15.88 min Scan# 1042
Delta R.T. -0.00 min
Lab File: BE092887.D
Acq: 4 Apr 2017 16:34

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:330 Resp: 2856

Ion	Ratio	Lower	Upper
330	100		
332	96.8	75.4	113.0
141	57.1	31.0	46.6#

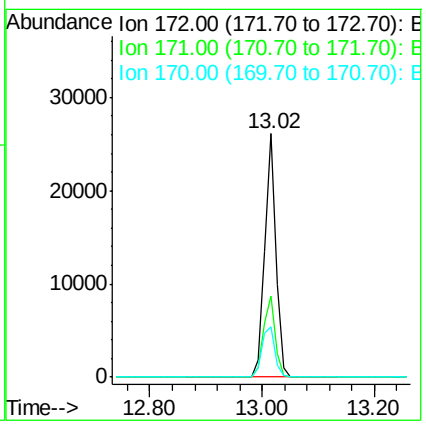


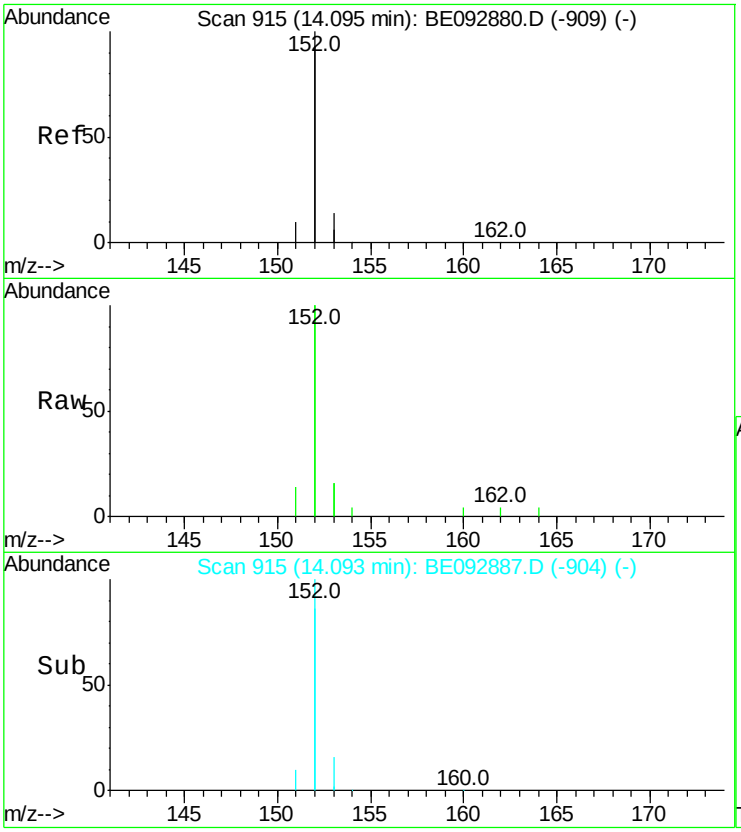


#14
2-Fluorobiphenyl
Concen: 6.60 ng
RT: 13.02 min Scan# 840
Delta R.T. -0.01 min
Lab File: BE092887.D
Acq: 4 Apr 2017 16:34

Tgt Ion:172 Resp: 36329

Ion	Ratio	Lower	Upper
172	100		
171	33.2	30.1	45.1
170	20.7	21.8	32.6#



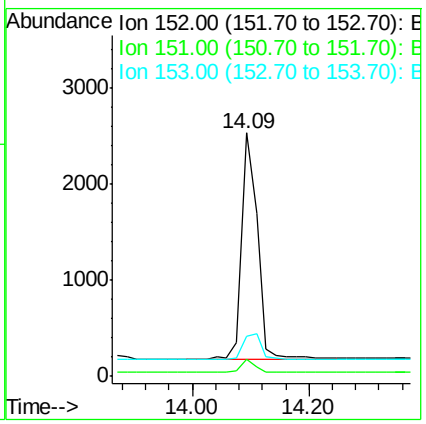


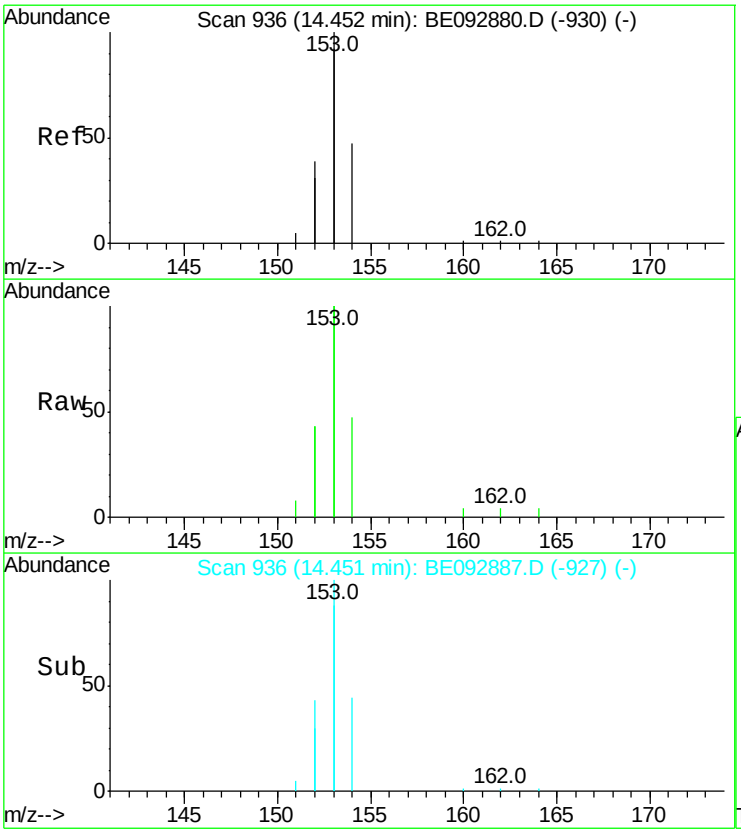
#15
Acenaphthylene
Concen: 0.19 ng
RT: 14.09 min Scan# 915
Delta R.T. -0.02 min
Lab File: BE092887.D
Acq: 4 Apr 2017 16:34

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 4446

Ion	Ratio	Lower	Upper
152	100		
151	4.8	3.9	5.9
153	12.6	10.4	15.6

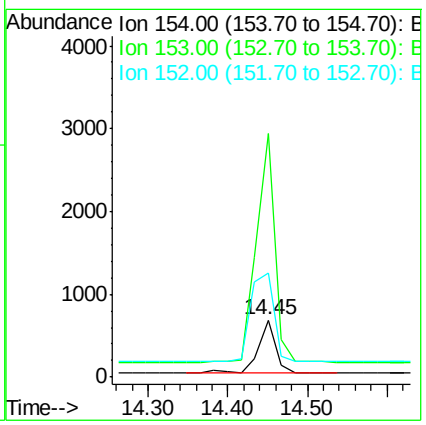


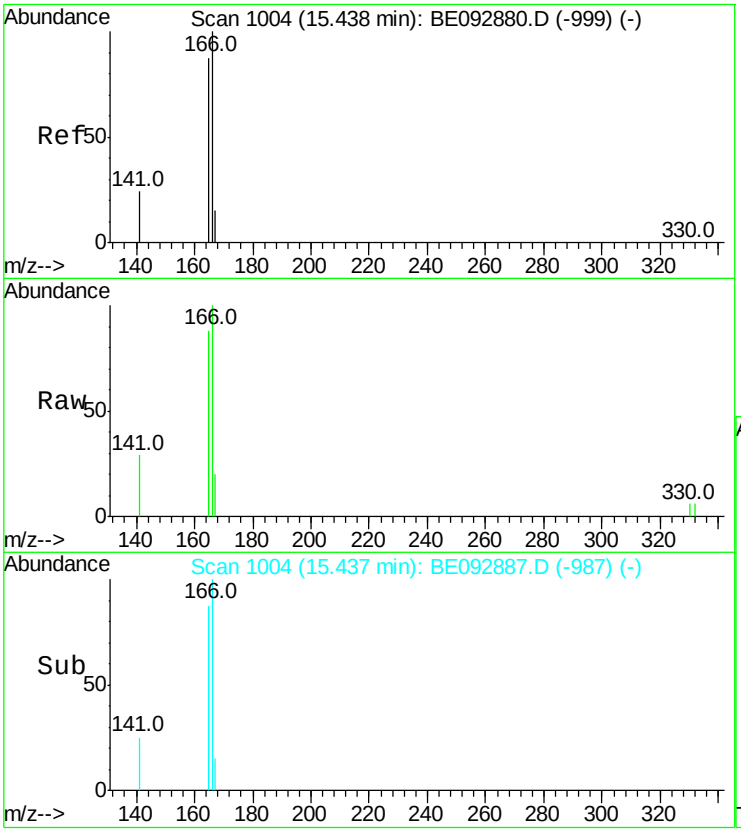


#16
Acenaphthene
Concen: 0.22 ng
RT: 14.45 min Scan# 936
Delta R.T. -0.00 min
Lab File: BE092887.D
Acq: 4 Apr 2017 16:34

Tgt Ion:154 Resp: 1026

Ion	Ratio	Lower	Upper
154	100		
153	436.3	350.8	526.2
152	216.8	171.1	256.7



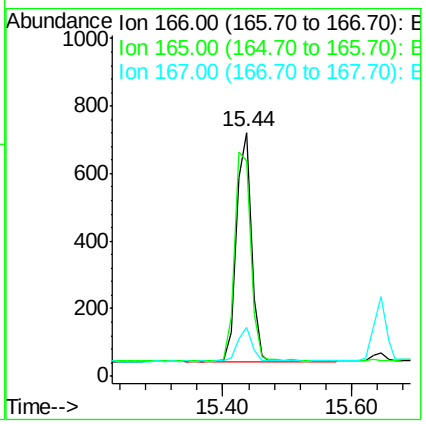


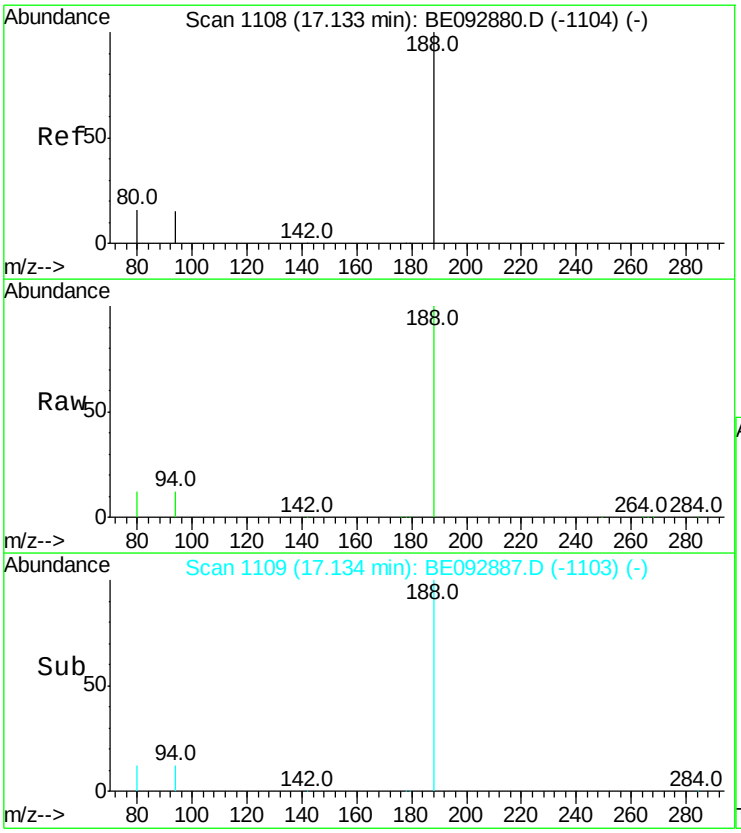
#17
Fluorene
Concen: 0.20 ng
RT: 15.44 min Scan# 1004
Delta R.T. -0.00 min
Lab File: BE092887.D
Acq: 4 Apr 2017 16:34

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:166 Resp: 1063

Ion	Ratio	Lower	Upper
166	100		
165	98.7	78.2	117.4
167	14.3	11.0	16.4

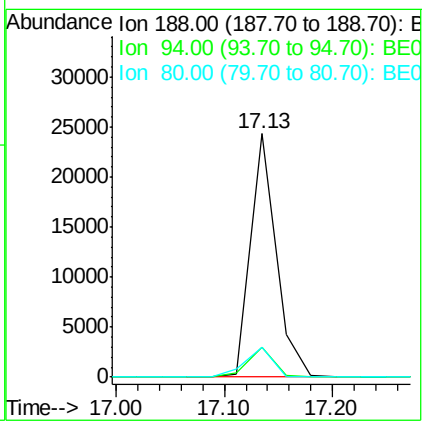


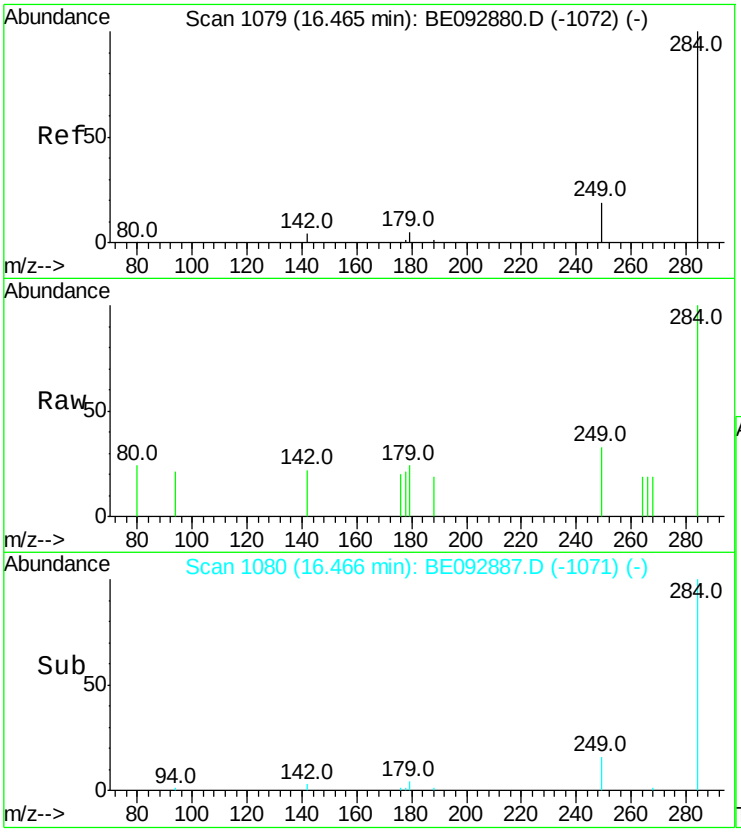


#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.13 min Scan# 1109
Delta R.T. -0.02 min
Lab File: BE092887.D
Acq: 4 Apr 2017 16:34

Tgt Ion:188 Resp: 39954

Ion	Ratio	Lower	Upper
188	100		
94	12.2	3.2	4.8#
80	12.5	2.6	3.8#



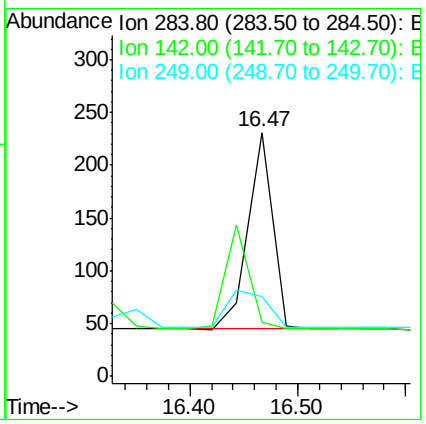


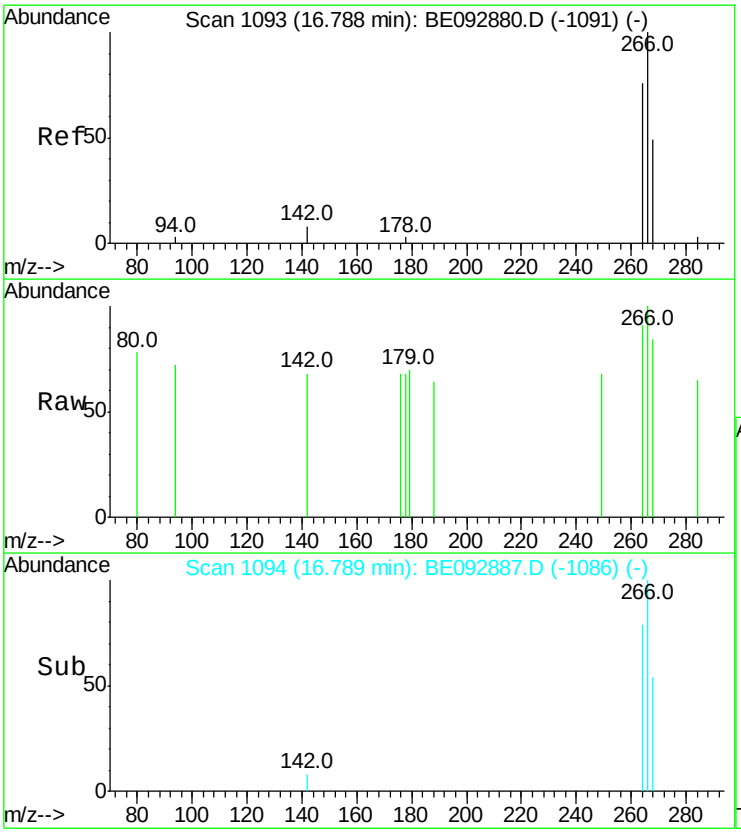
#19
Hexachlorobenzene
Concen: 0.19 ng
RT: 16.47 min Scan# 1080
Delta R.T. 0.00 min
Lab File: BE092887.D
Acq: 4 Apr 2017 16:34

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:284 Resp: 294

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

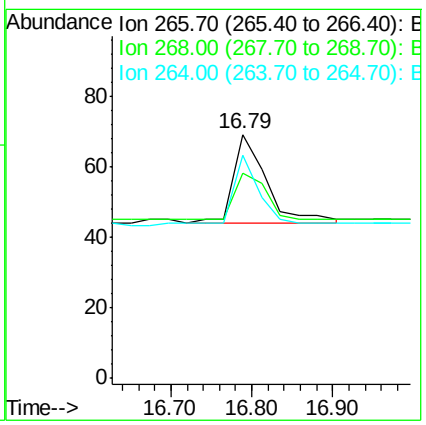


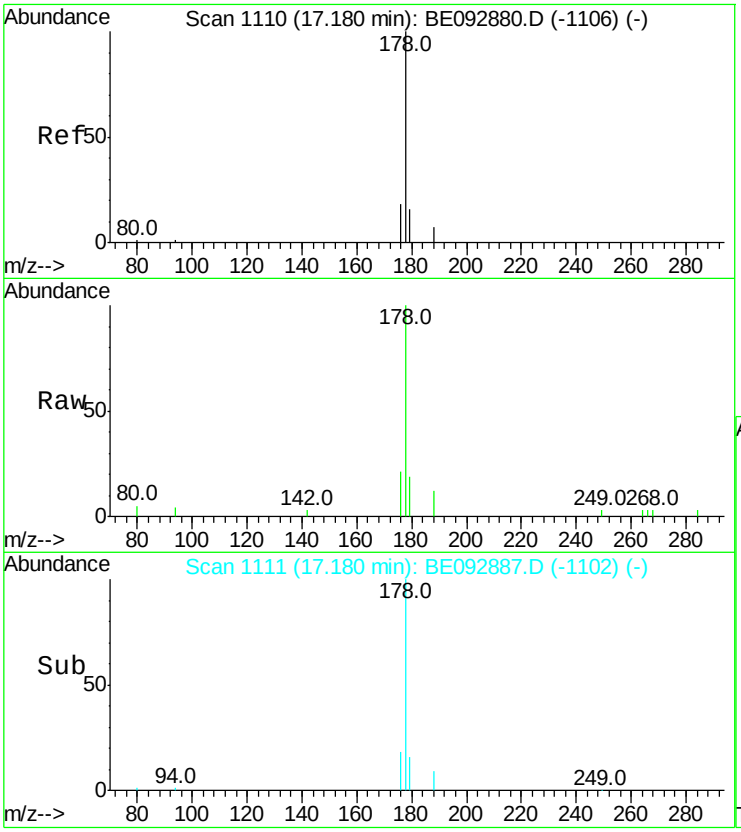


#20
Pentachlorophenol
Concen: 0.32 ng
RT: 16.79 min Scan# 1094
Delta R.T. -0.02 min
Lab File: BE092887.D
Acq: 4 Apr 2017 16:34

Tgt Ion:266 Resp: 69

Ion	Ratio	Lower	Upper
266	100		
268	84.1	62.5	93.7
264	91.3	57.2	85.8#



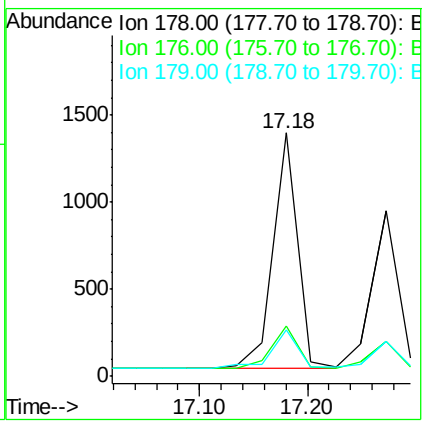


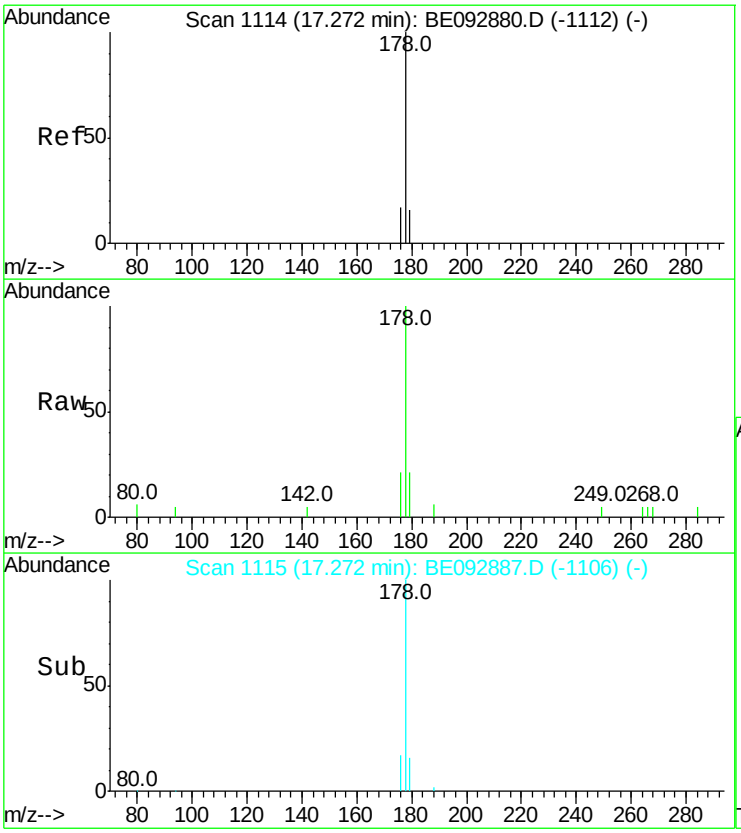
#21
Phenanthrene
Concen: 0.20 ng
RT: 17.18 min Scan# 1111
Delta R.T. 0.00 min
Lab File: BE092887.D
Acq: 4 Apr 2017 16:34

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 2137

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.8	23.8
179	17.4	16.0	24.0

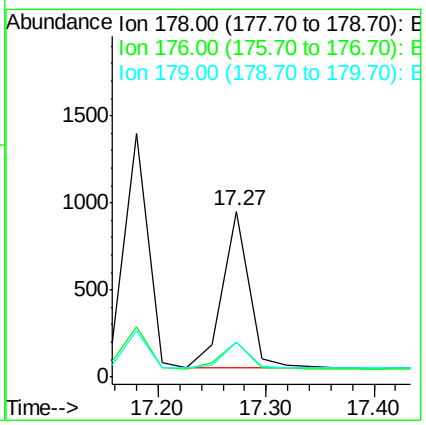


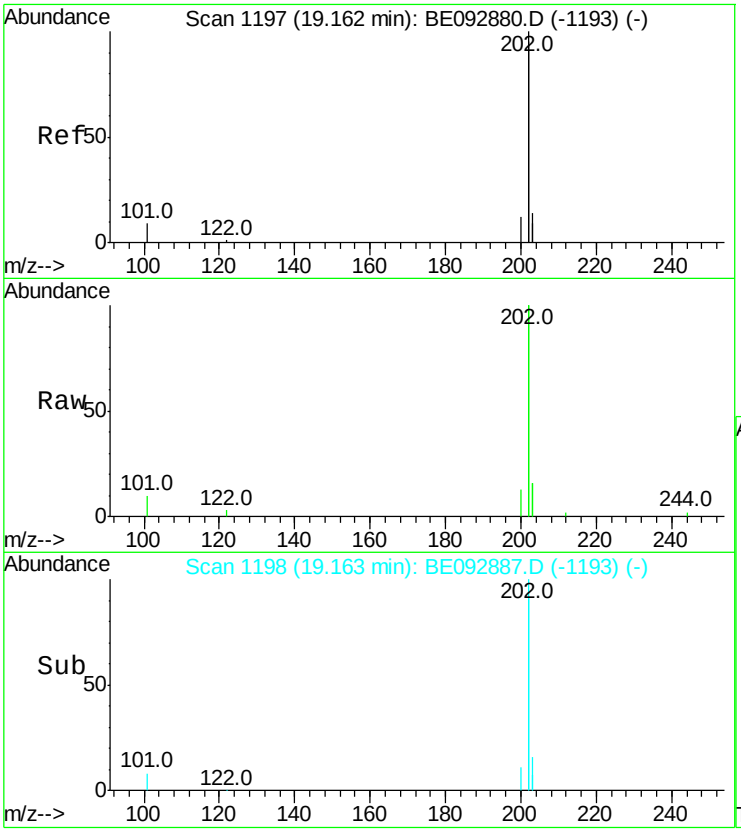


#22
Anthracene
Concen: 0.18 ng
RT: 17.27 min Scan# 1115
Delta R.T. 0.00 min
Lab File: BE092887.D
Acq: 4 Apr 2017 16:34

Tgt Ion:178 Resp: 1547

Ion	Ratio	Lower	Upper
178	100		
176	18.0	15.0	22.4
179	16.2	12.2	18.2



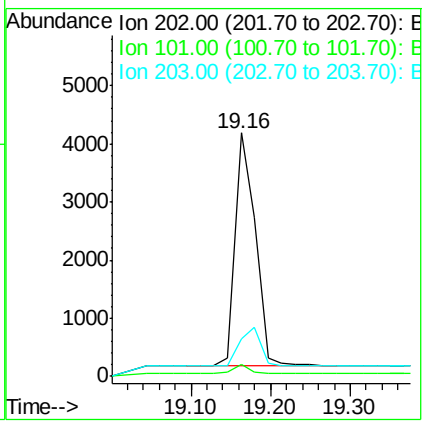


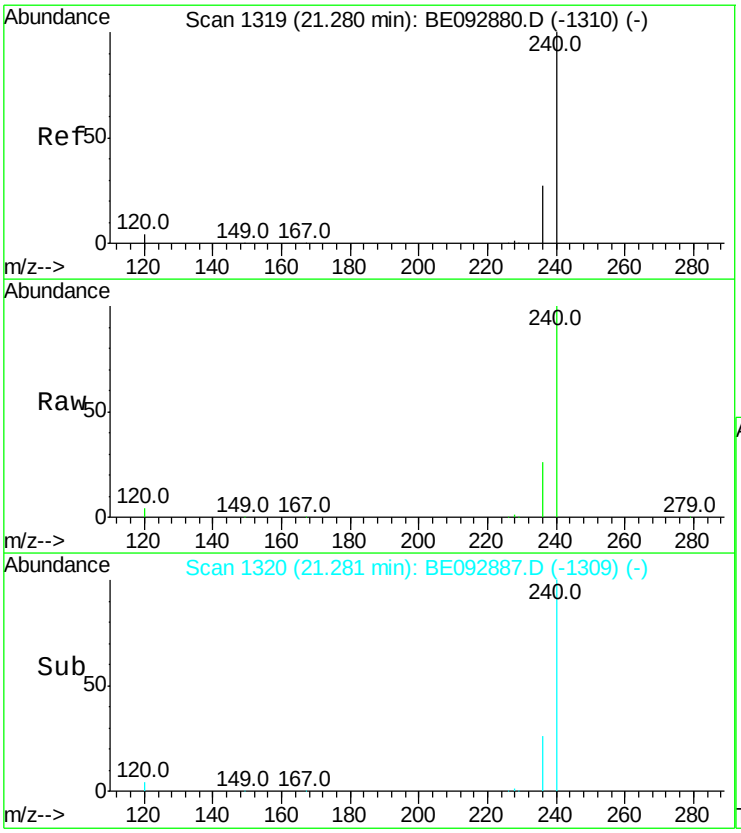
#23
Fluoranthene
Concen: 0.18 ng
RT: 19.16 min Scan# 1198
Delta R.T. -0.02 min
Lab File: BE092887.D
Acq: 4 Apr 2017 16:34

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:202 Resp: 7114

Ion	Ratio	Lower	Upper
202	100		
101	3.2	2.2	3.4
203	17.5	13.7	20.5

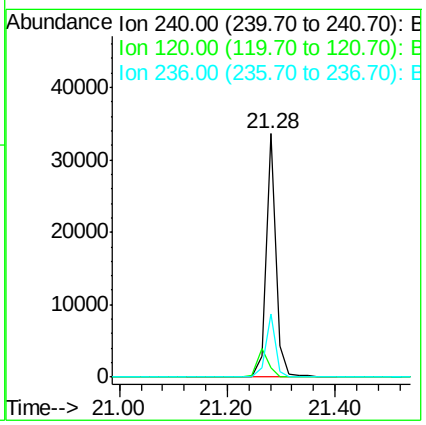


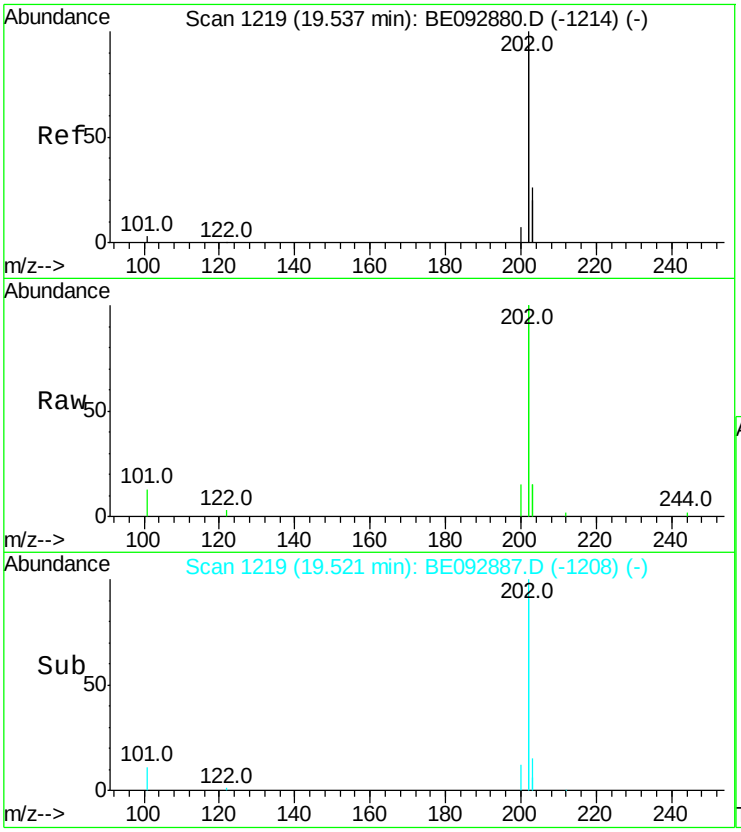


#24
Chrysene-d12
Concen: 5.00 ng
RT: 21.28 min Scan# 1320
Delta R.T. -0.02 min
Lab File: BE092887.D
Acq: 4 Apr 2017 16:34

Tgt Ion:240 Resp: 43126

Ion	Ratio	Lower	Upper
240	100		
120	4.0	2.6	4.0#
236	26.1	24.6	37.0



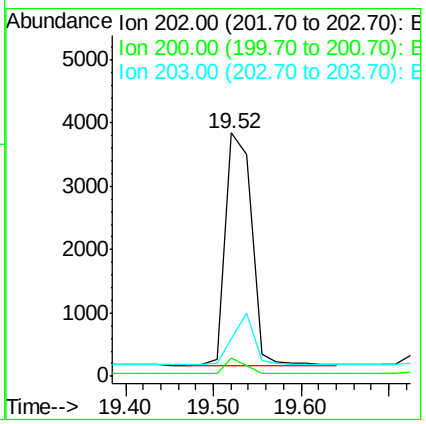


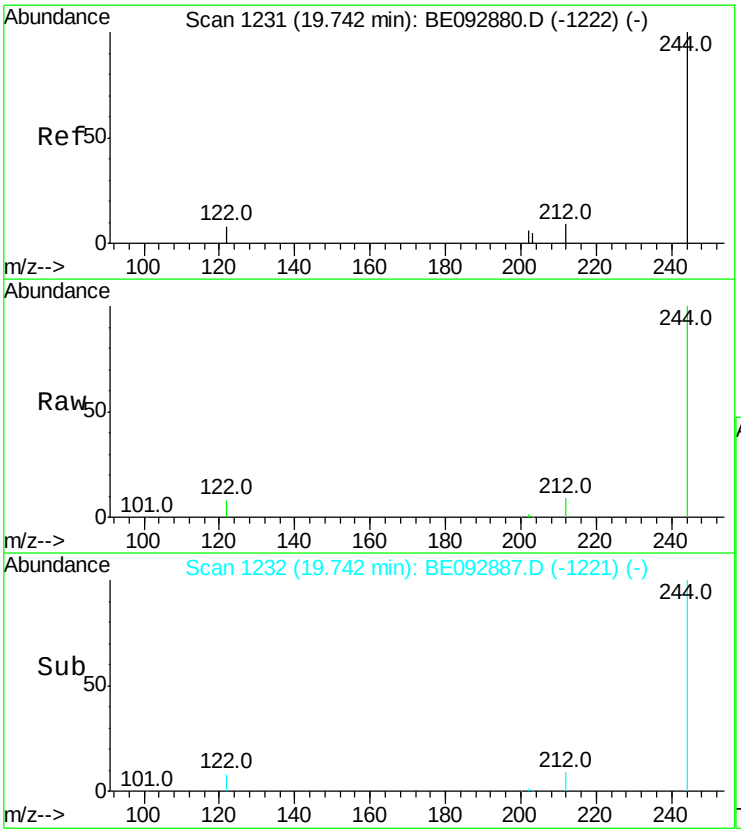
#25
Pyrene
Concen: 0.20 ng
RT: 19.52 min Scan# 1219
Delta R.T. -0.02 min
Lab File: BE092887.D
Acq: 4 Apr 2017 16:34

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:202 Resp: 7568

Ion	Ratio	Lower	Upper
202	100		
200	5.1	4.2	6.4
203	18.2	13.9	20.9

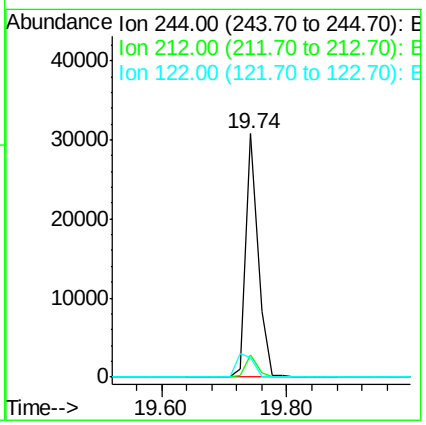


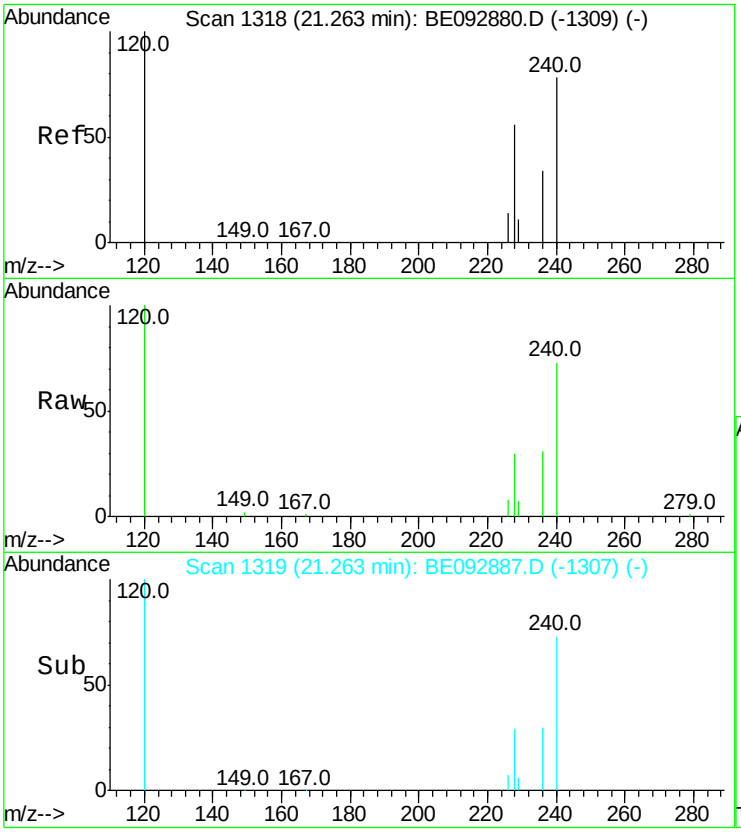


#26
Terphenyl-d14
Concen: 6.24 ng
RT: 19.74 min Scan# 1232
Delta R.T. -0.02 min
Lab File: BE092887.D
Acq: 4 Apr 2017 16:34

Tgt Ion:244 Resp: 41372

Ion	Ratio	Lower	Upper
244	100		
212	9.3	6.7	10.1
122	8.2	3.6	5.4#



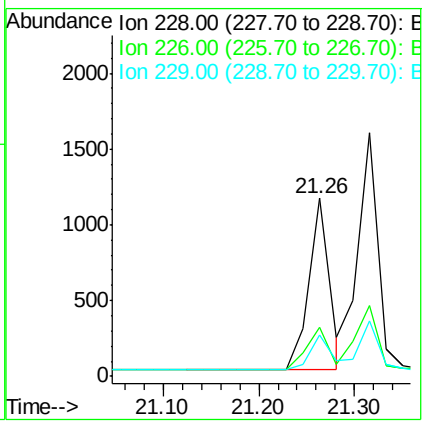


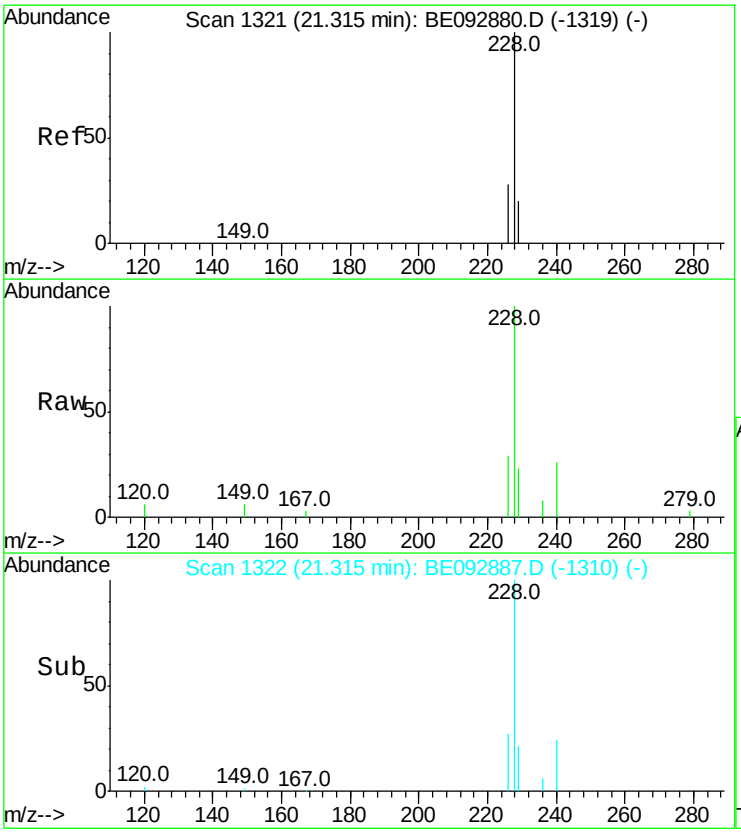
#27
Benzo(a)anthracene
Concen: 0.18 ng
RT: 21.26 min Scan# 1319
Delta R.T. 0.00 min
Lab File: BE092887.D
Acq: 4 Apr 2017 16:34

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 1691

Ion	Ratio	Lower	Upper
228	100		
226	27.7	23.6	35.4
229	23.2	13.3	19.9#

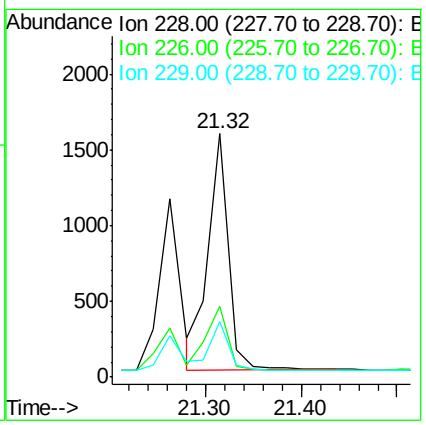


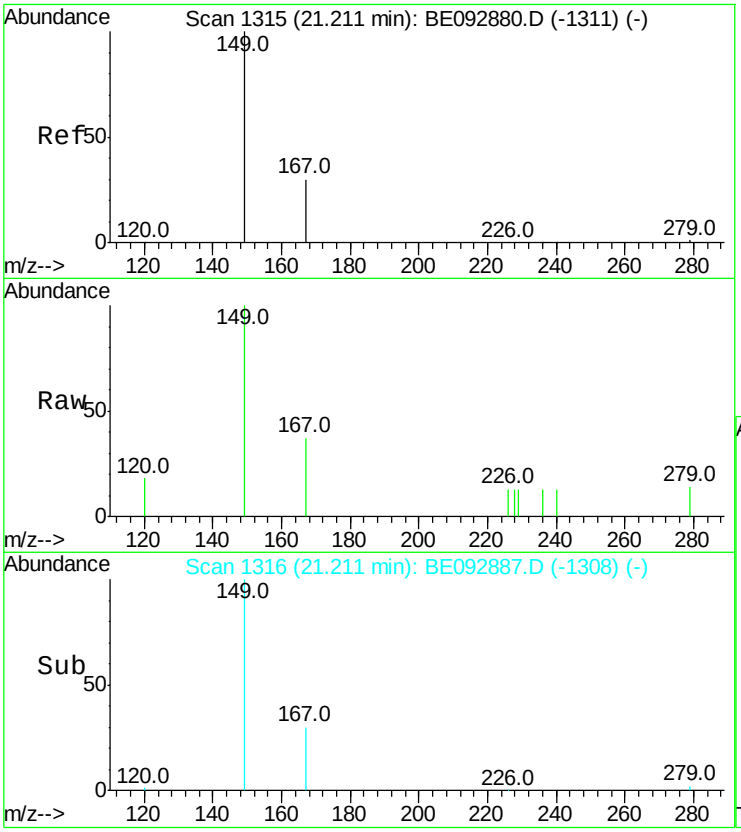


#28
Chrysene
Concen: 0.21 ng
RT: 21.32 min Scan# 1322
Delta R.T. 0.00 min
Lab File: BE092887.D
Acq: 4 Apr 2017 16:34

Tgt Ion:228 Resp: 2279

Ion	Ratio	Lower	Upper
228	100		
226	28.9	36.3	54.5#
229	23.0	10.6	16.0#



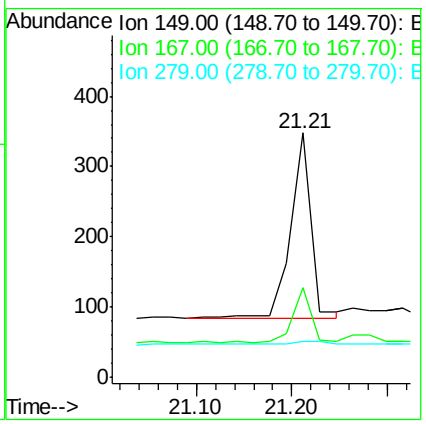


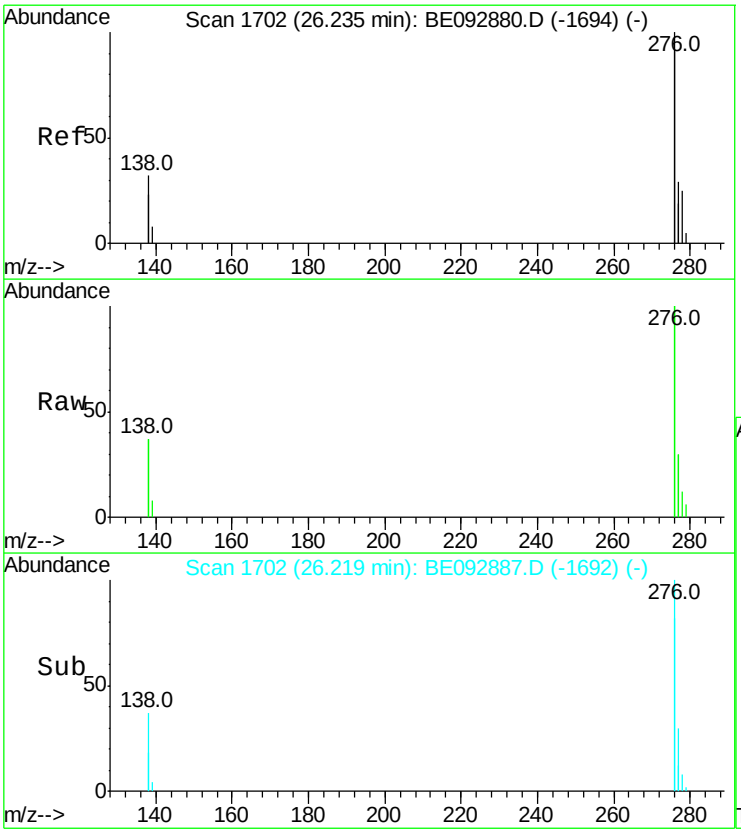
#29
Bis(2-ethylhexyl)phthalate
Concen: 0.16 ng
RT: 21.21 min Scan# 1316
Delta R.T. -0.02 min
Lab File: BE092887.D
Acq: 4 Apr 2017 16:34

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:149 Resp: 381

Ion	Ratio	Lower	Upper
149	100		
167	26.5	16.0	24.0#
279	2.1	16.0	24.0#

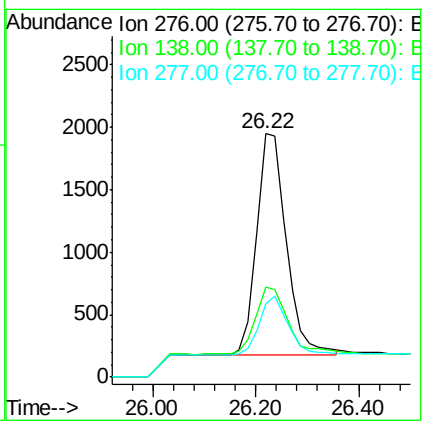


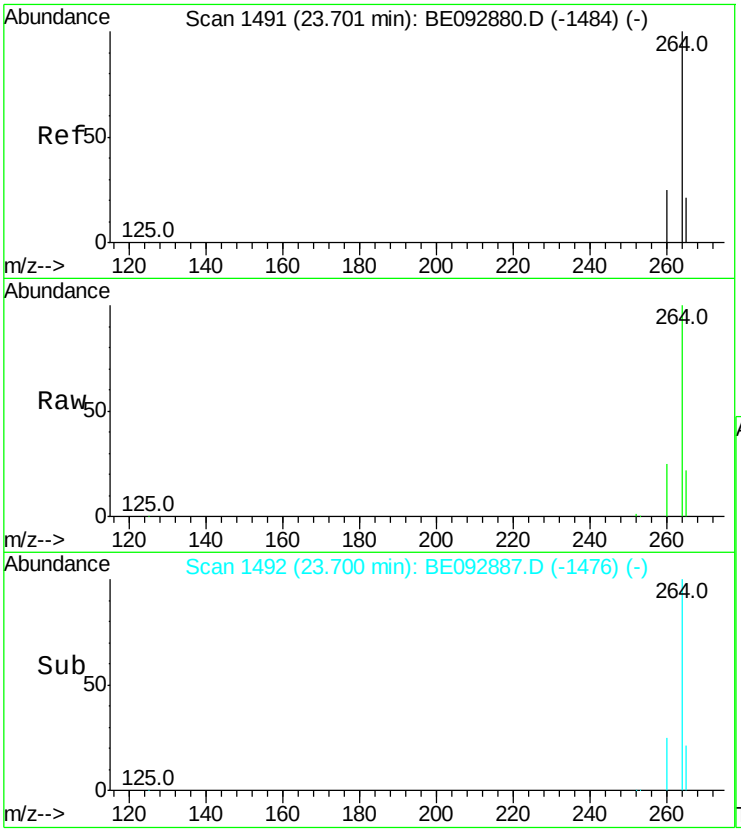


#30
Indeno(1,2,3-cd)pyrene
Concen: 0.20 ng
RT: 26.22 min Scan# 1702
Delta R.T. -0.03 min
Lab File: BE092887.D
Acq: 4 Apr 2017 16:34

Tgt Ion:276 Resp: 7050

Ion	Ratio	Lower	Upper
276	100		
138	33.2	20.3	30.5#
277	25.8	19.7	29.5



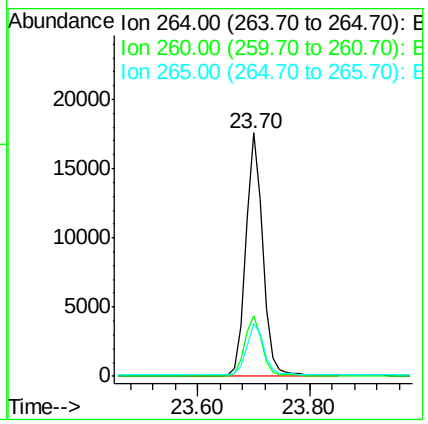


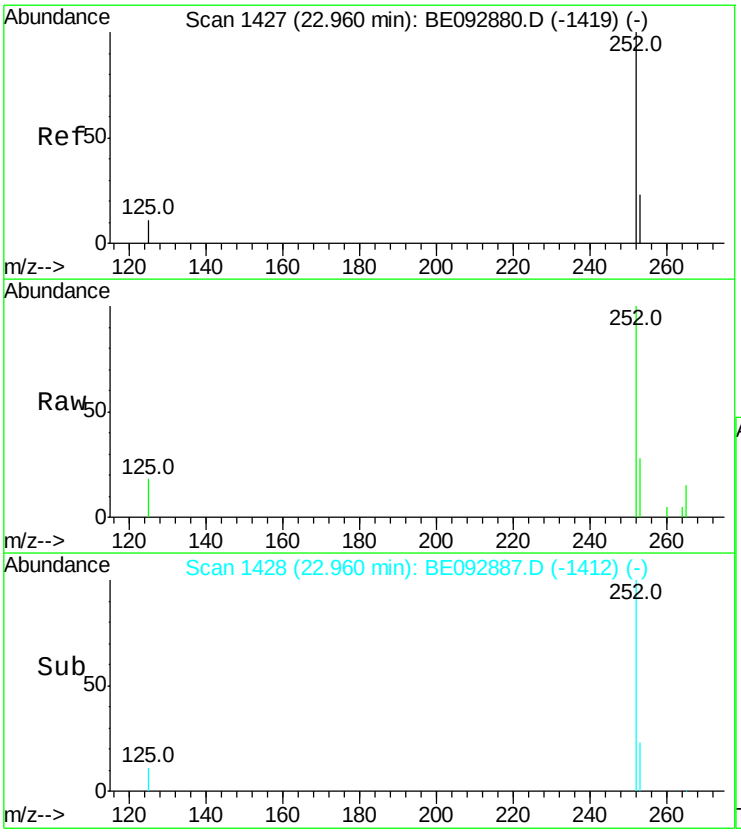
#31
Perylene-d12
Concen: 5.00 ng
RT: 23.70 min Scan# 1492
Delta R.T. -0.01 min
Lab File: BE092887.D
Acq: 4 Apr 2017 16:34

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:264 Resp: 37364

Ion	Ratio	Lower	Upper
264	100		
260	24.9	20.1	30.1
265	21.7	17.9	26.9

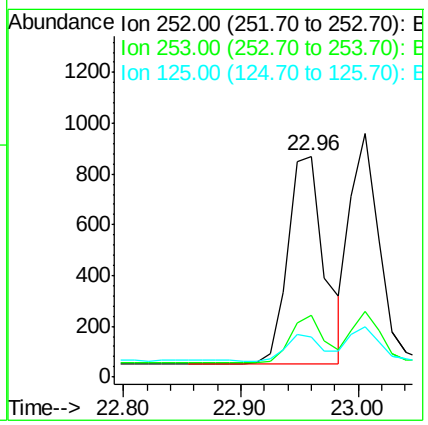


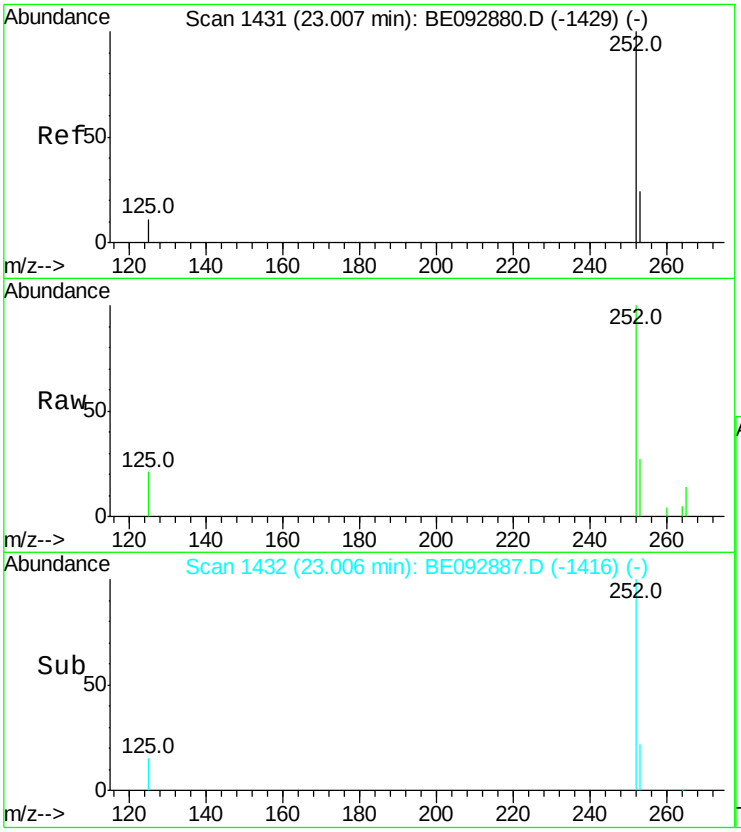


#32
Benzo(b)fluoranthene
Concen: 0.19 ng
RT: 22.96 min Scan# 1428
Delta R.T. -0.01 min
Lab File: BE092887.D
Acq: 4 Apr 2017 16:34

Tgt Ion:252 Resp: 1770

Ion	Ratio	Lower	Upper
252	100		
253	28.1	18.7	28.1
125	18.1	10.5	15.7#



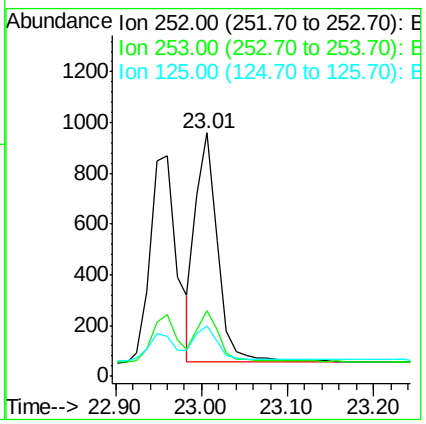


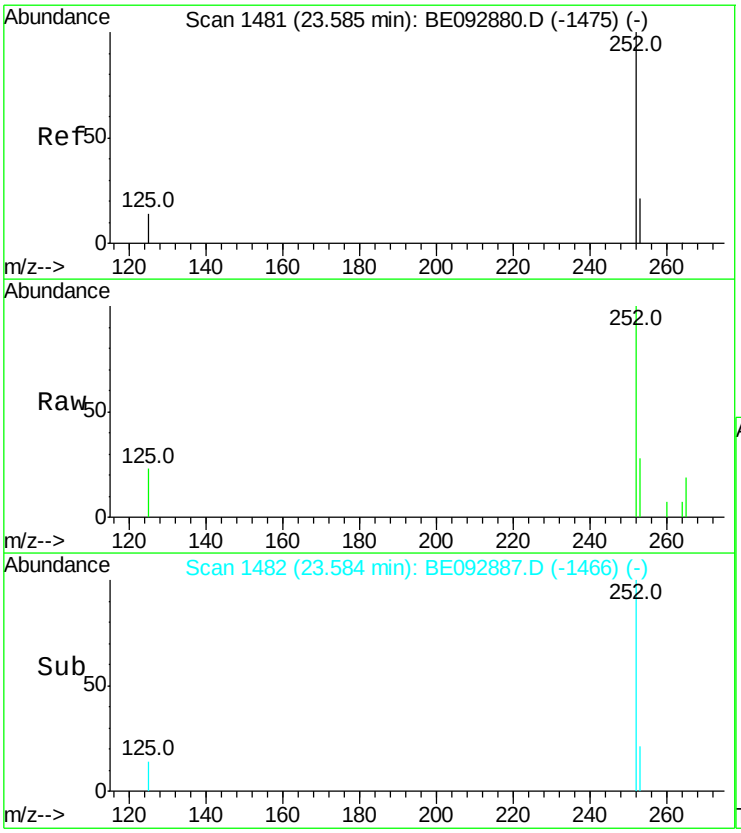
#33
Benzo(k)fluoranthene
Concen: 0.19 ng
RT: 23.01 min Scan# 1432
Delta R.T. -0.01 min
Lab File: BE092887.D
Acq: 4 Apr 2017 16:34

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 1590

Ion	Ratio	Lower	Upper
252	100		
253	26.9	20.3	30.5
125	20.9	9.6	14.4#

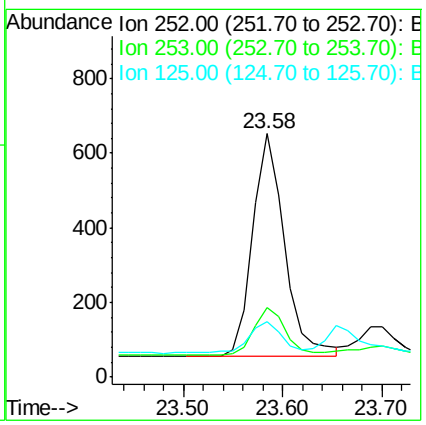


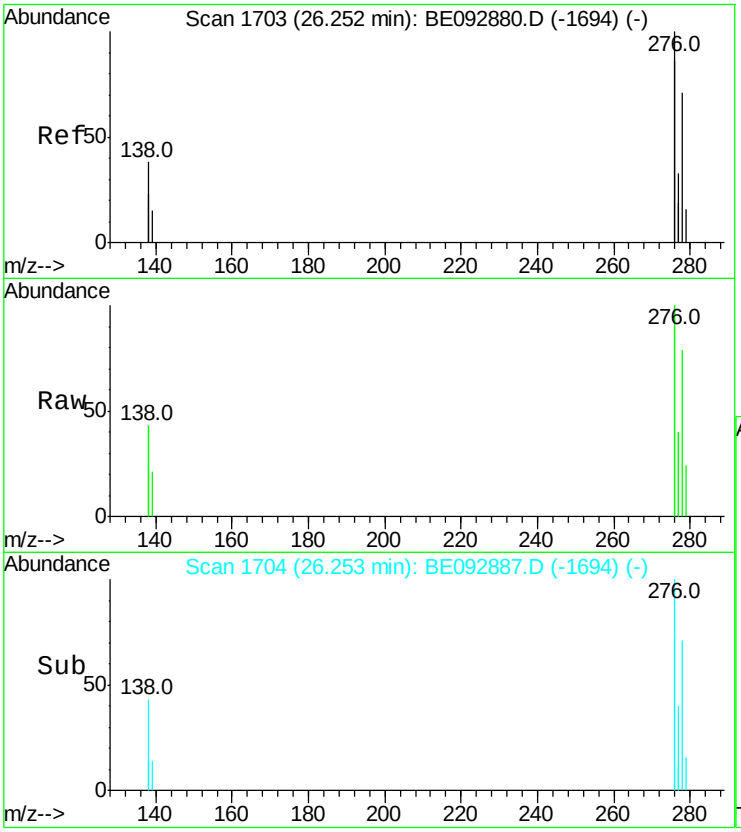


#34
Benzo(a)pyrene
Concen: 0.19 ng
RT: 23.58 min Scan# 1482
Delta R.T. -0.01 min
Lab File: BE092887.D
Acq: 4 Apr 2017 16:34

Tgt Ion:252 Resp: 1332

Ion	Ratio	Lower	Upper
252	100		
253	28.5	19.0	28.6
125	22.5	11.8	17.8#



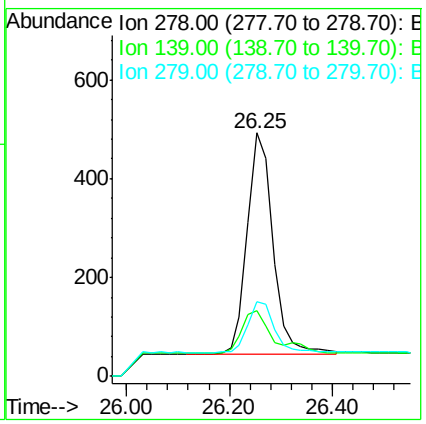


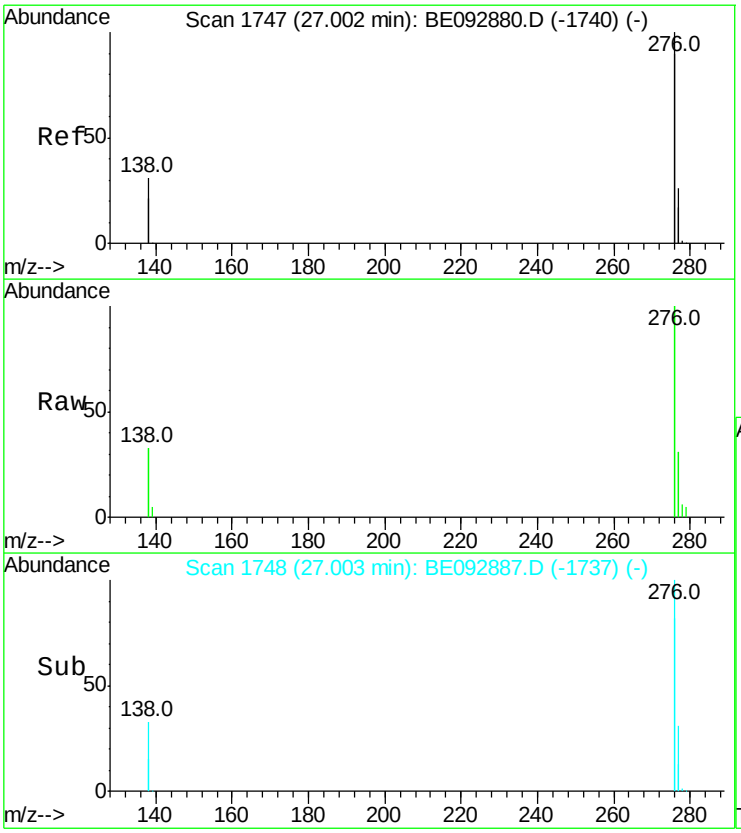
#35
Dibenzo(a,h)anthracene
Concen: 0.19 ng
RT: 26.25 min Scan# 1704
Delta R.T. -0.03 min
Lab File: BE092887.D
Acq: 4 Apr 2017 16:34

Instrument :
BNA_E
ClientSampleId :

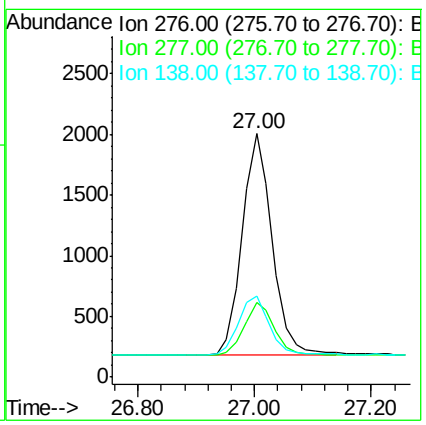
Tgt Ion:278 Resp: 1556

Ion	Ratio	Lower	Upper
278	100		
139	27.2	13.8	20.8#
279	30.6	21.4	32.2





#36
Benzo(g,h,i)perylene
Concen: 0.20 ng
RT: 27.00 min Scan# 1748
Delta R.T. -0.02 min
Lab File: BE092887.D
Acq: 4 Apr 2017 16:34

Tgt Ion:276 Resp: 6574

Ion	Ratio	Lower	Upper
276	100		
277	30.7	19.8	29.8#
138	33.4	19.8	29.6#