Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE092216\
Data File : BE092398.D
Acq On : 22 Sep 2016 16:38
Operator : UM/SJ
Sample : SSTDICC0.2
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Sep 22 17:10:13 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 16:57:02 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	8327	5.00	ng		0.00
7) Naphthalene-d8	10.95	136	42474	5.00	ng		0.00
12) Acenaphthene-d10	14.82	164	34287	5.00	ng		0.00
18) Phenanthrene-d10	17.58	188	72123	5.00	ng		0.00
24) Chrysene-d12	21.75	240	88671	5.00	ng		0.00
31) Perylene-d12	24.12	264	81179	5.00	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.69	112	271	0.14	ng		0.00
5) Phenol-d6	7.38	99	305	0.12	ng		0.02
8) Nitrobenzene-d5	9.39	82	330	0.11	ng		0.02
13) 2,4,6-Tribromophenol	16.33	330	140	0.13	ng		0.00
14) 2-Fluorobiphenyl	13.46	172	1497	0.14	ng		0.01
26) Terphenyl-d14	20.19	244	2134	0.16	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.41	88	224	0.19	ng		99
3) n-Nitrosodimethylamine	3.80	42	128	0.12	ng	#	2
6) bis(2-Chloroethyl)ether	7.61	93	220	0.10	ng	#	83
9) Naphthalene	11.01	128	1837	0.19	ng	#	92
10) Hexachlorobutadiene	11.30	225	304	0.20	ng		100
11) 2-Methylnaphthalene	12.66	142	1161	0.19	ng		97
15) Acenaphthylene	14.54	152	9284	0.16	ng		100
16) Acenaphthene	14.88	154	1617	0.17	ng		95
17) Fluorene	15.88	166	1863	0.16	ng		99
19) Hexachlorobenzene	16.89	284	558	0.16	ng		95
20) Pentachlorophenol	17.28	266	100	0.13	ng		86
21) Phenanthrene	17.63	178	3226	0.16	ng	#	75
22) Anthracene	17.72	178	2919	0.16	ng		99
23) Fluoranthene	19.63	202	14204	0.16	ng		99
25) Pyrene	19.99	202	14976	0.17	ng		99
27) Benzo(a)anthracene	21.72	228	32546	0.34	ng		98
28) Chrysene	21.72	228	32918	0.33	ng	#	82
29) Bis(2-ethylhexyl)phthalate	21.66	149	1335	0.10	ng	#	73
30) Indeno(1,2,3-cd)pyrene	26.63	276	16152	0.16	ng		99
32) Benzo(b)fluoranthene	23.39	252	3708	0.18	ng		94
33) Benzo(k)fluoranthene	23.44	252	3888	0.18	ng		97
34) Benzo(a)pyrene	24.01	252	3597	0.18	ng	#	94
35) Dibenzo(a,h)anthracene	26.67	278	3181	0.17	ng	#	89
36) Benzo(g,h,i)perylene	27.42	276	14434	0.18	ng		94

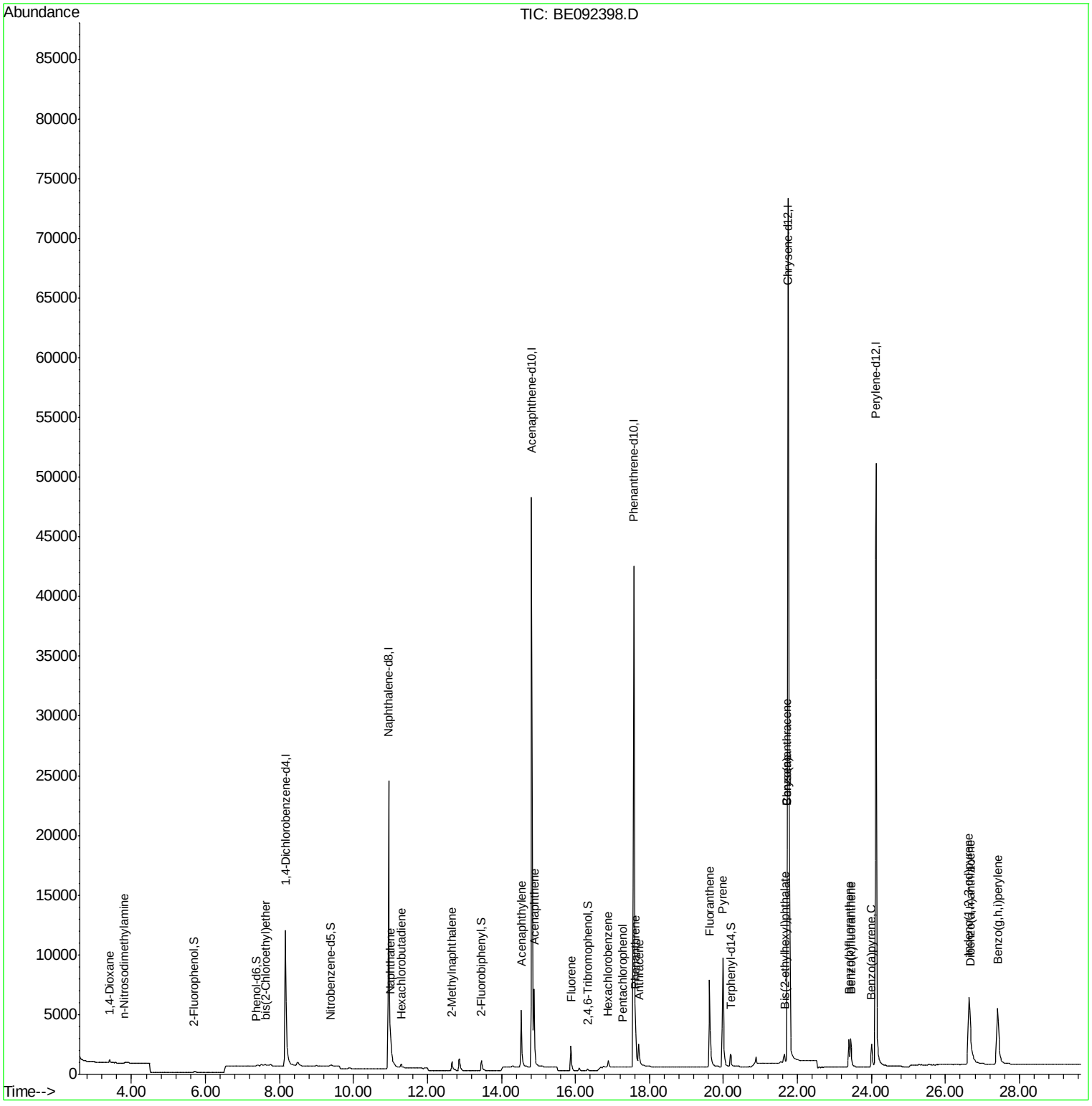
(#) = qualifier out of range (m) = manual integration (+) = signals summed

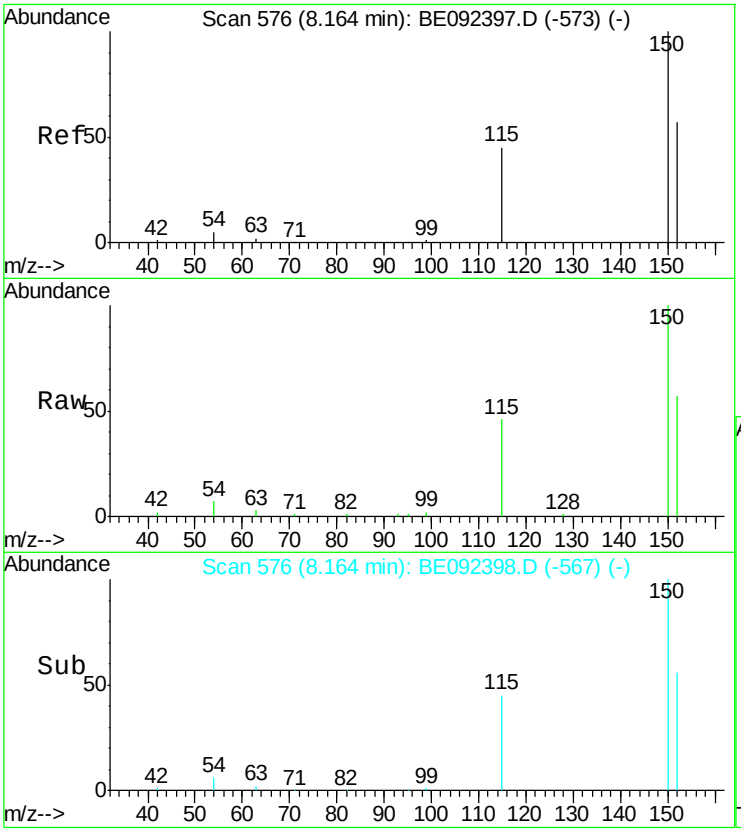
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE092216\
Data File : BE092398.D
Acq On : 22 Sep 2016 16:38
Operator : UM/SJ
Sample : SSTDICC0.2
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Sep 22 17:10:13 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 16:57:02 2016
Response via : Initial Calibration



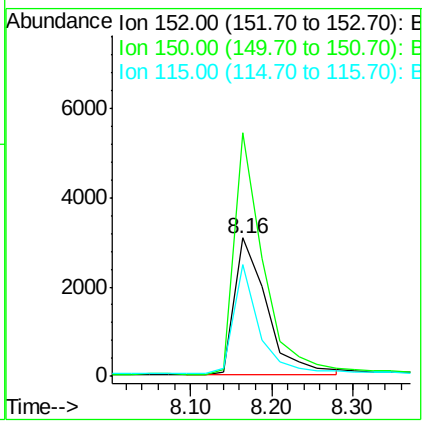


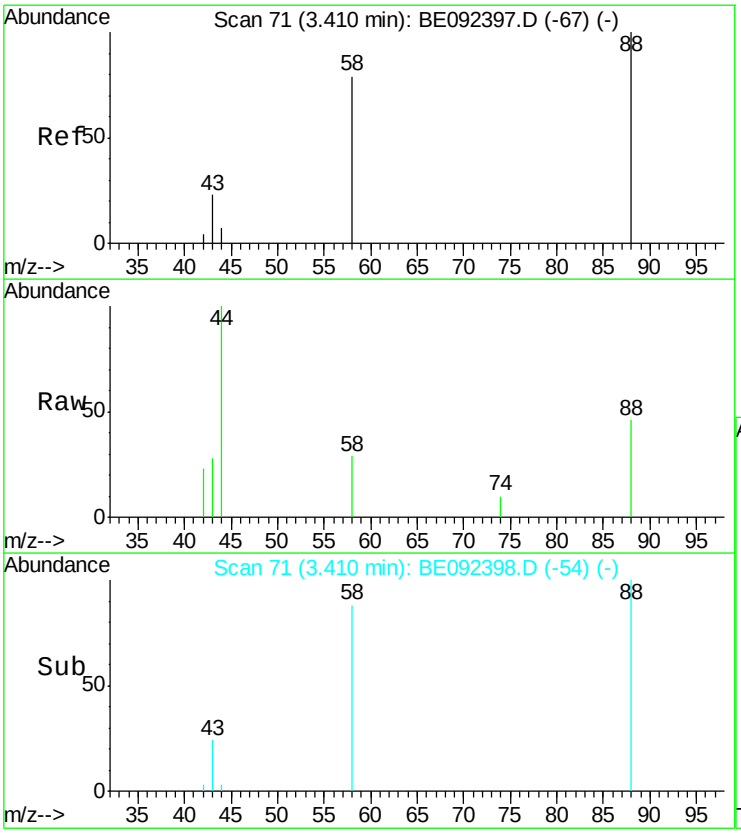
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 8.16 min Scan# 576
Delta R.T. 0.00 min
Lab File: BE092398.D
Acq: 22 Sep 2016 16:38

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 8327

Ion	Ratio	Lower	Upper
152	100		
150	176.3	106.0	159.0#
115	81.2	31.2	46.8#

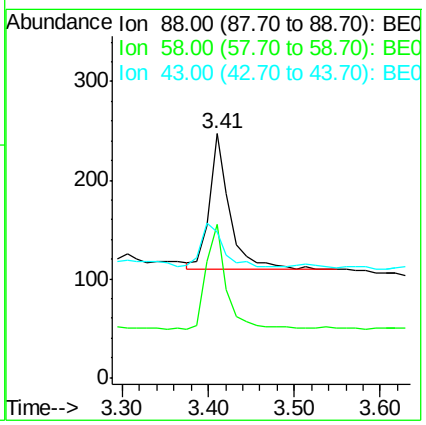


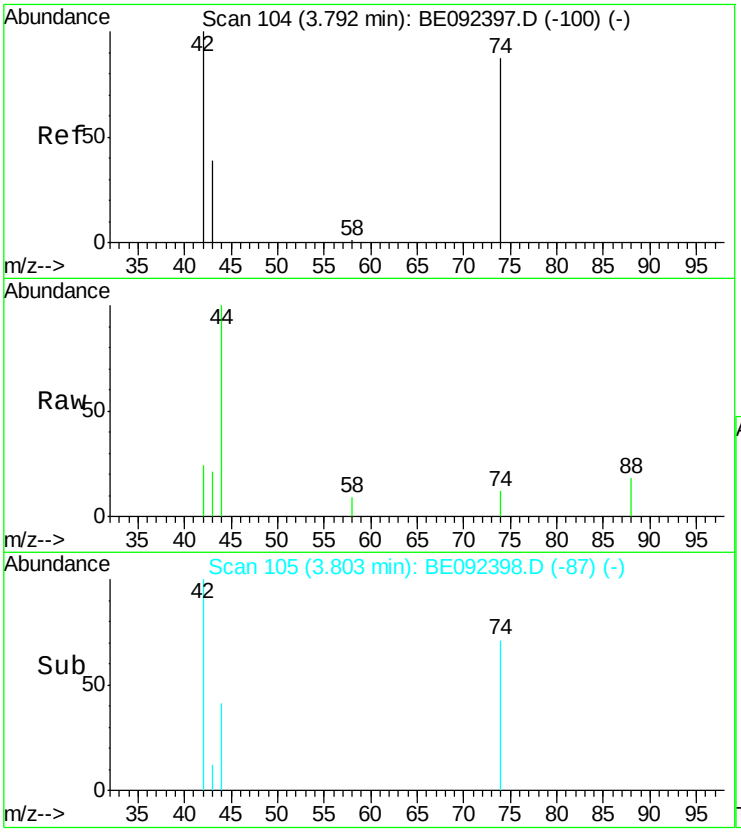


#2
1,4-Dioxane
Concen: 0.19 ng
RT: 3.41 min Scan# 71
Delta R.T. -0.00 min
Lab File: BE092398.D
Acq: 22 Sep 2016 16:38

Tgt Ion: 88 Resp: 224

Ion	Ratio	Lower	Upper
88	100		
58	78.1	63.6	95.4
43	35.7	28.0	42.0



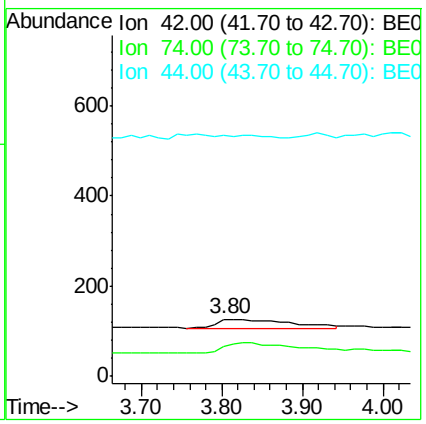


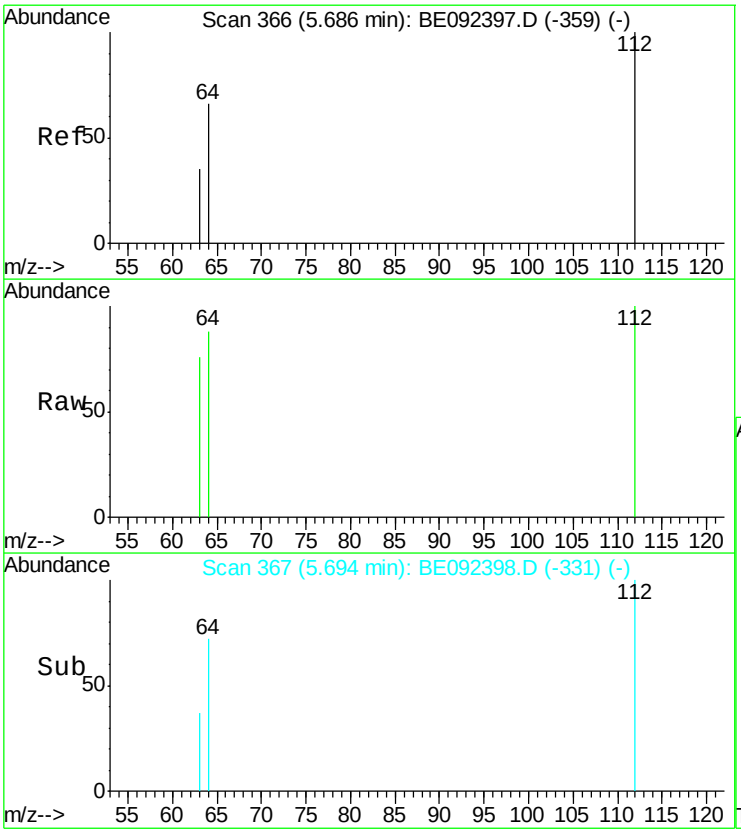
#3
n-Nitrosodimethylamine
Concen: 0.12 ng
RT: 3.80 min Scan# 105
Delta R.T. 0.01 min
Lab File: BE092398.D
Acq: 22 Sep 2016 16:38

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 42 Resp: 128

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

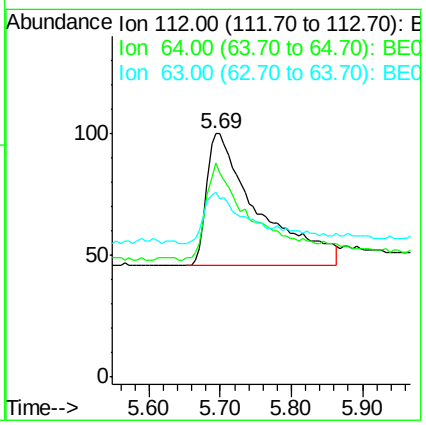


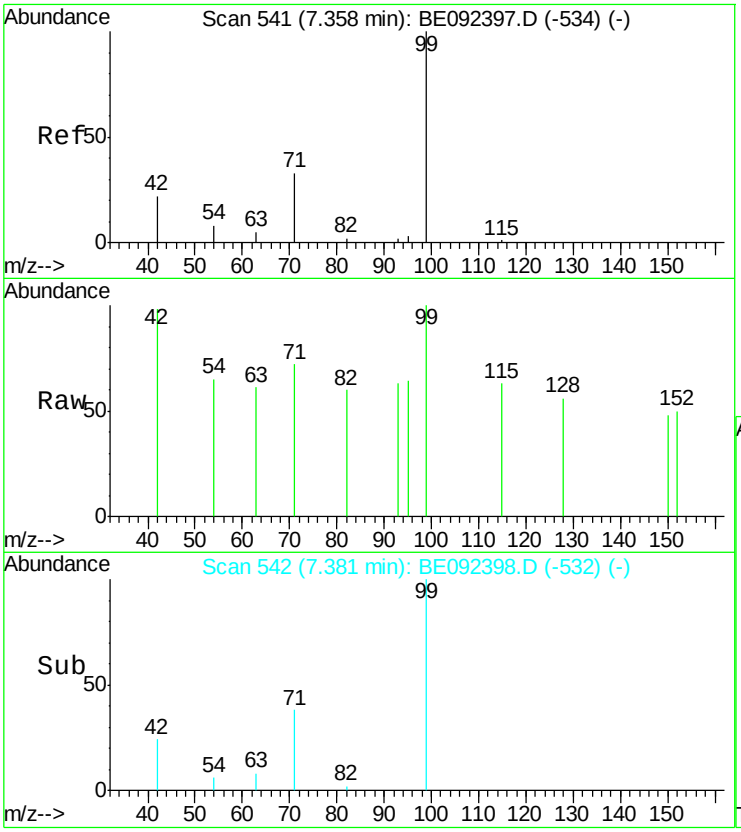


#4
2-Fluorophenol
Concen: 0.14 ng
RT: 5.69 min Scan# 367
Delta R.T. 0.01 min
Lab File: BE092398.D
Acq: 22 Sep 2016 16:38

Tgt Ion:112 Resp: 271

Ion	Ratio	Lower	Upper
112	100		
64	67.2	53.5	80.3
63	29.2	27.9	41.9



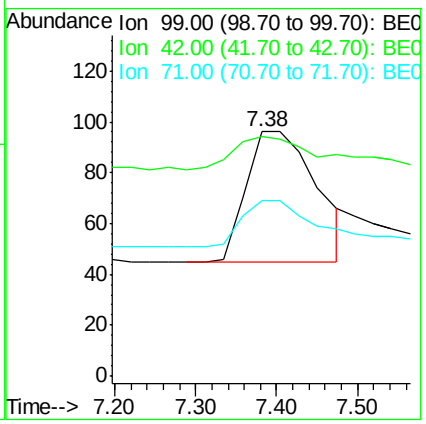


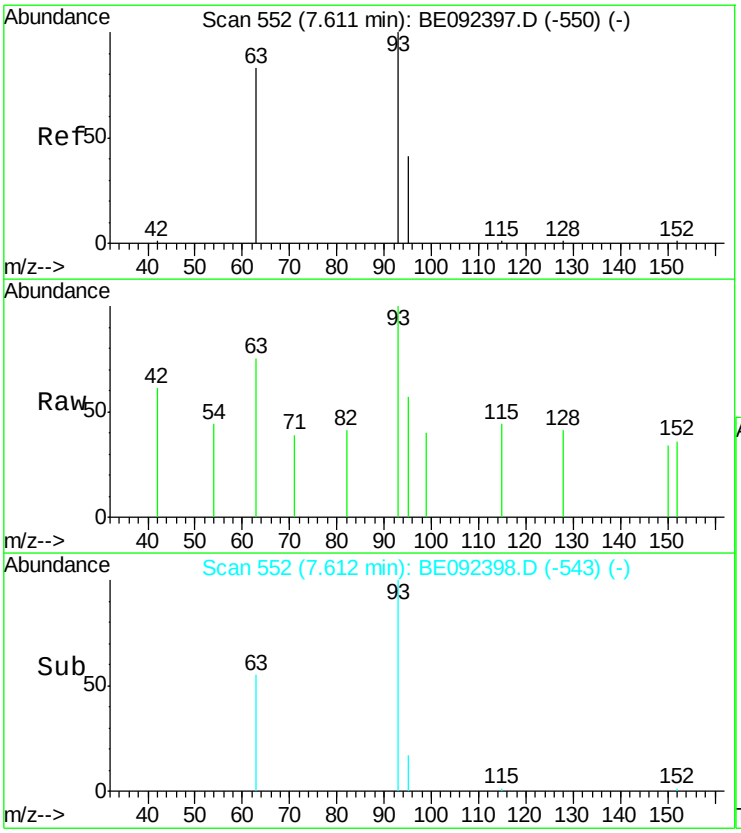
#5
Phenol-d6
Concen: 0.12 ng
RT: 7.38 min Scan# 542
Delta R.T. 0.02 min
Lab File: BE092398.D
Acq: 22 Sep 2016 16:38

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 99 Resp: 305

Ion	Ratio	Lower	Upper
99	100		
42	25.2	16.0	24.0#
71	34.4	30.6	45.8

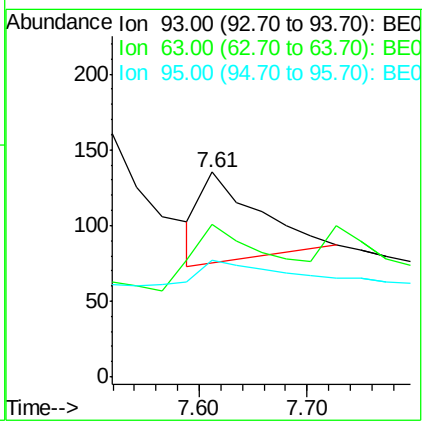


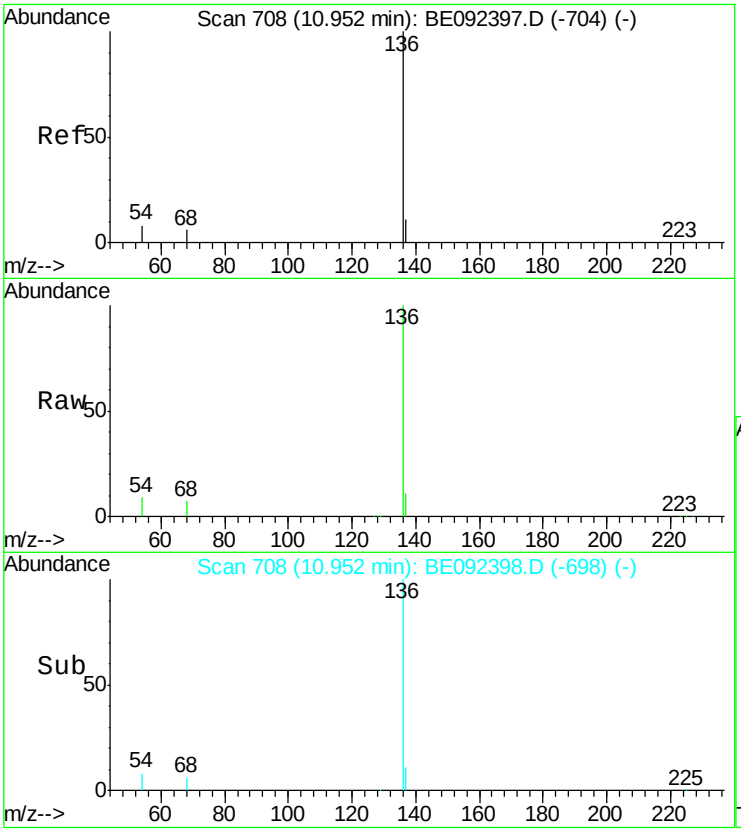


#6
bis(2-Chloroethyl)ether
Concen: 0.10 ng
RT: 7.61 min Scan# 552
Delta R.T. 0.00 min
Lab File: BE092398.D
Acq: 22 Sep 2016 16:38

Tgt Ion: 93 Resp: 220

Ion	Ratio	Lower	Upper
93	100		
63	104.1	71.6	107.4
95	42.3	24.0	36.0#



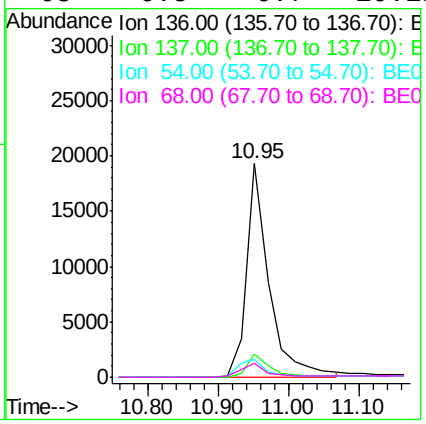


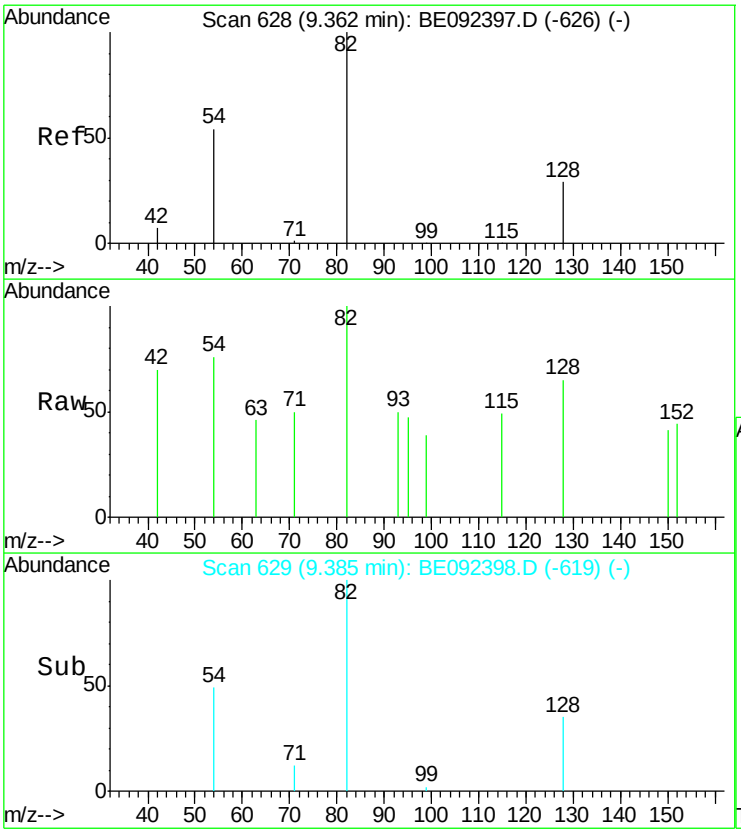
#7
Naphthalene-d8
Concen: 5.00 ng
RT: 10.95 min Scan# 708
Delta R.T. -0.00 min
Lab File: BE092398.D
Acq: 22 Sep 2016 16:38

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:136 Resp: 42474

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.2	12.4
54	8.7	9.6	14.4#
68	6.5	6.7	10.1#

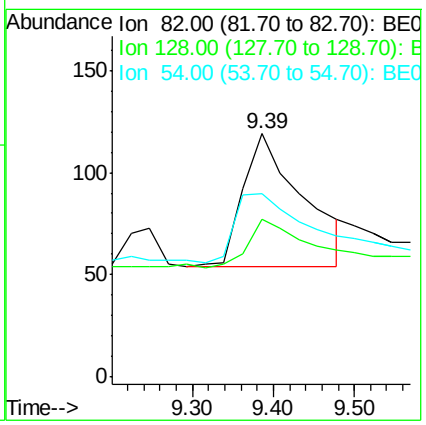


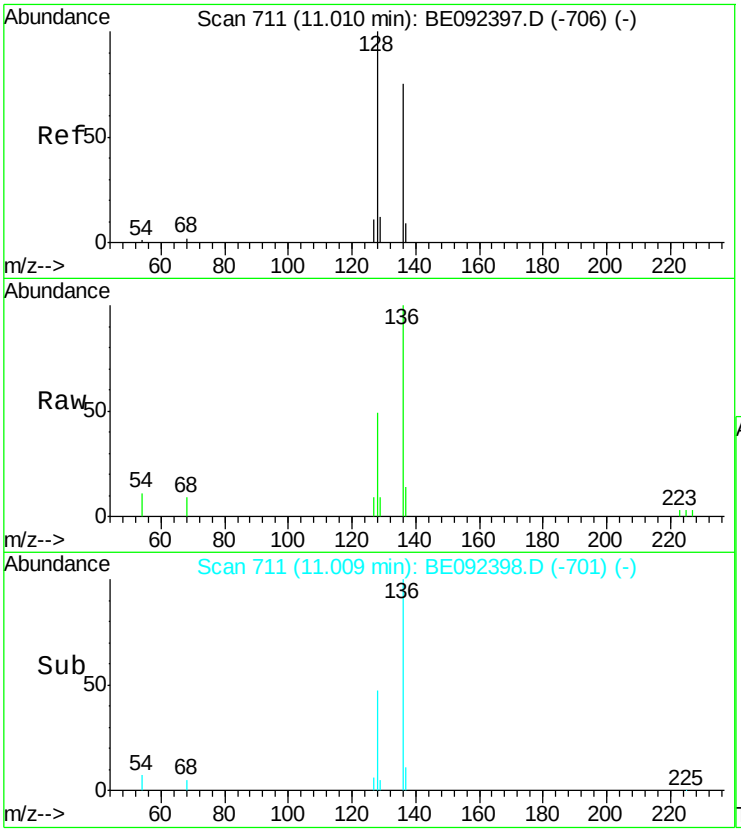


#8
Nitrobenzene-d5
Concen: 0.11 ng
RT: 9.39 min Scan# 629
Delta R.T. 0.02 min
Lab File: BE092398.D
Acq: 22 Sep 2016 16:38

Tgt Ion: 82 Resp: 330

Ion	Ratio	Lower	Upper
82	100		
128	64.7	39.0	58.4#
54	75.6	44.8	67.2#



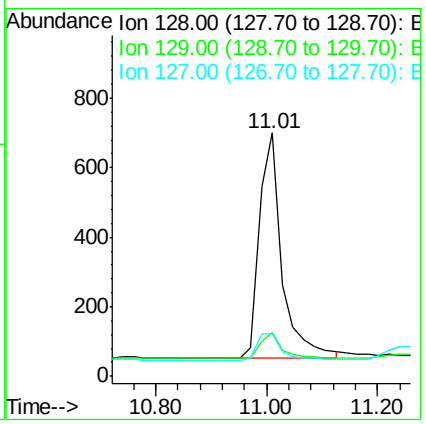


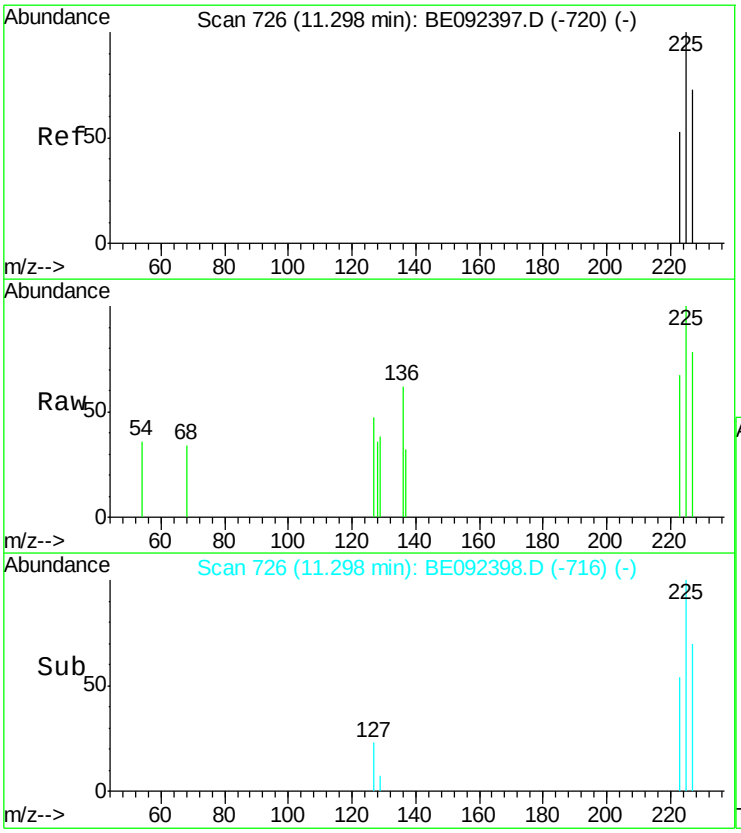
#9
Naphthalene
Concen: 0.19 ng
RT: 11.01 min Scan# 711
Delta R.T. -0.00 min
Lab File: BE092398.D
Acq: 22 Sep 2016 16:38

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:128 Resp: 1837

Ion	Ratio	Lower	Upper
128	100		
129	17.9	11.2	16.8#
127	17.6	11.6	17.4#

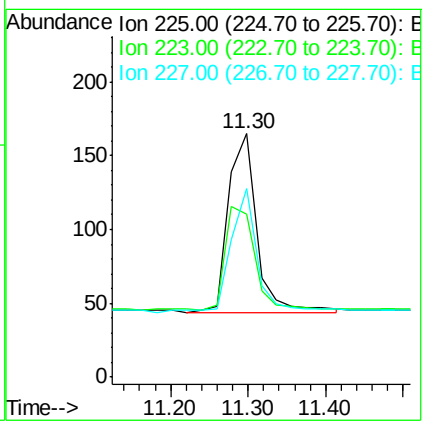


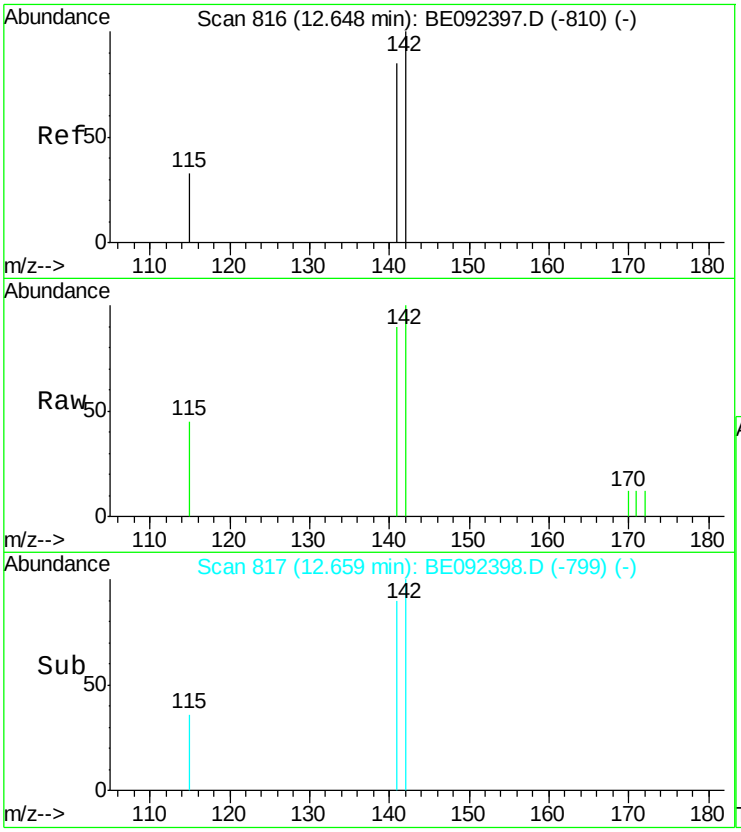


#10
Hexachlorobutadiene
Concen: 0.20 ng
RT: 11.30 min Scan# 726
Delta R.T. -0.00 min
Lab File: BE092398.D
Acq: 22 Sep 2016 16:38

Tgt Ion:225 Resp: 304

Ion	Ratio	Lower	Upper
225	100		
223	62.8	50.6	76.0
227	64.1	51.4	77.0



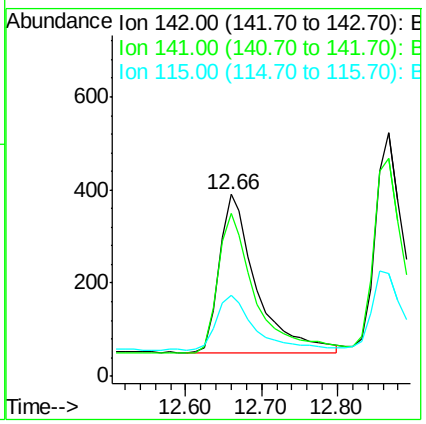


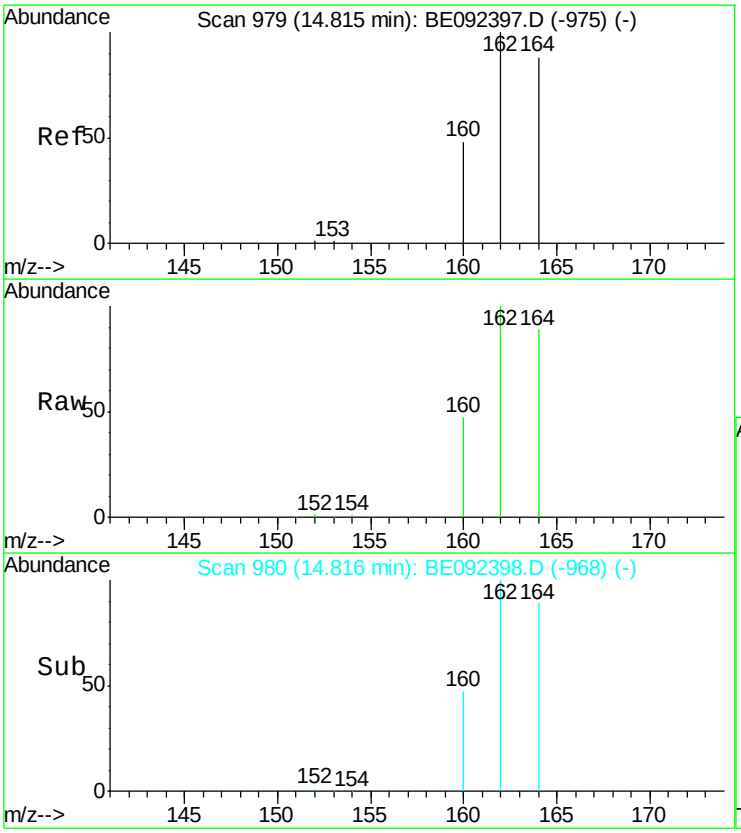
#11
2-Methylnaphthalene
Concen: 0.19 ng
RT: 12.66 min Scan# 817
Delta R.T. 0.01 min
Lab File: BE092398.D
Acq: 22 Sep 2016 16:38

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:142 Resp: 1161

Ion	Ratio	Lower	Upper
142	100		
141	89.5	73.7	110.5
115	44.8	34.0	51.0

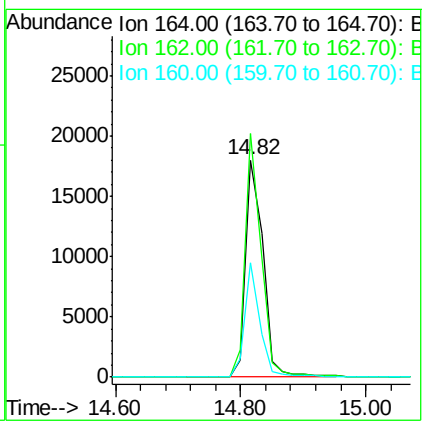


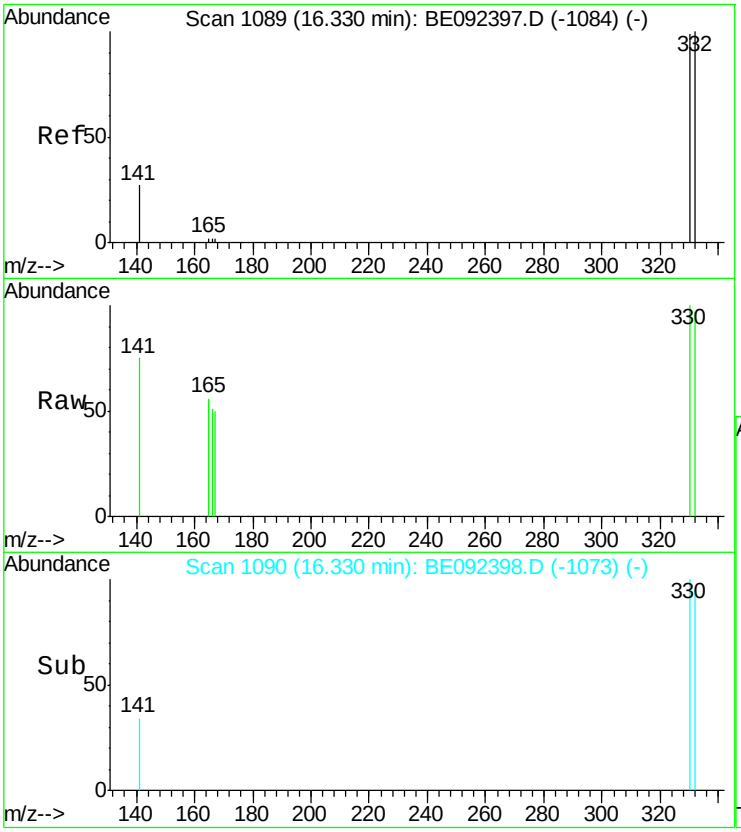


#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.82 min Scan# 980
Delta R.T. 0.00 min
Lab File: BE092398.D
Acq: 22 Sep 2016 16:38

Tgt Ion:164 Resp: 34287

Ion	Ratio	Lower	Upper
164	100		
162	112.3	71.4	107.0#
160	53.0	27.4	41.2#



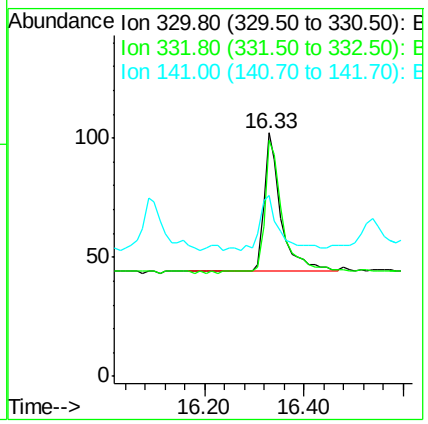


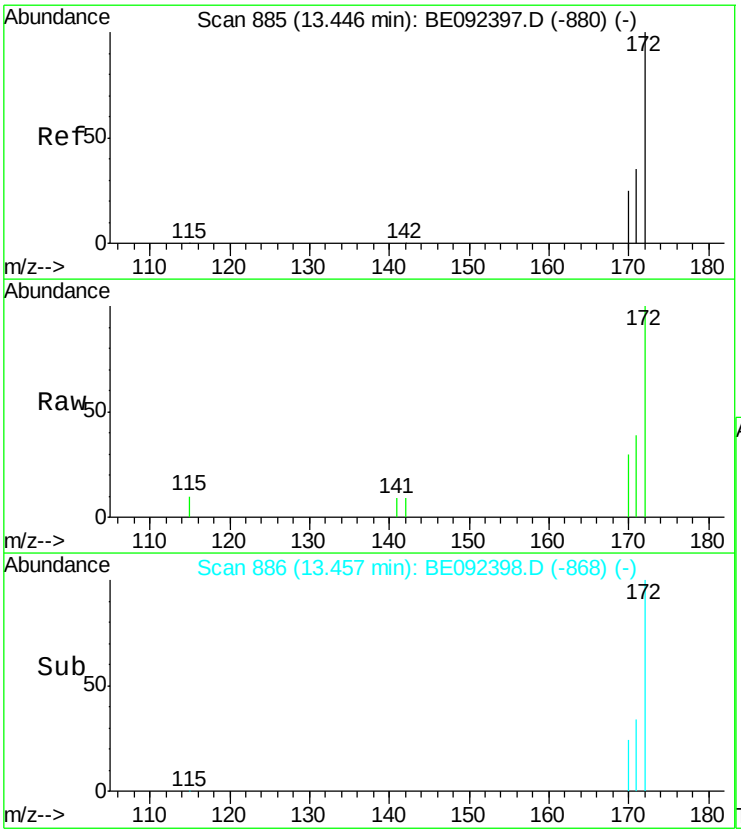
#13
2,4,6-Tribromophenol
Concen: 0.13 ng
RT: 16.33 min Scan# 1090
Delta R.T. -0.00 min
Lab File: BE092398.D
Acq: 22 Sep 2016 16:38

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:330 Resp: 140

Ion	Ratio	Lower	Upper
330	100		
332	107.9	75.4	113.0
141	45.0	31.0	46.6

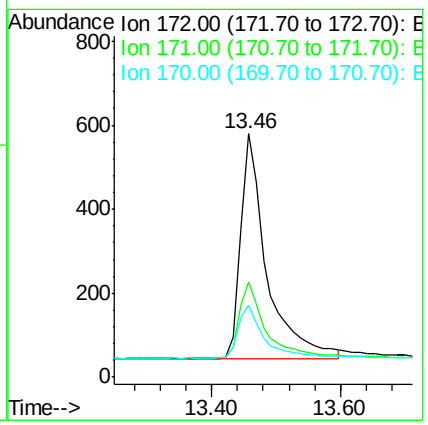


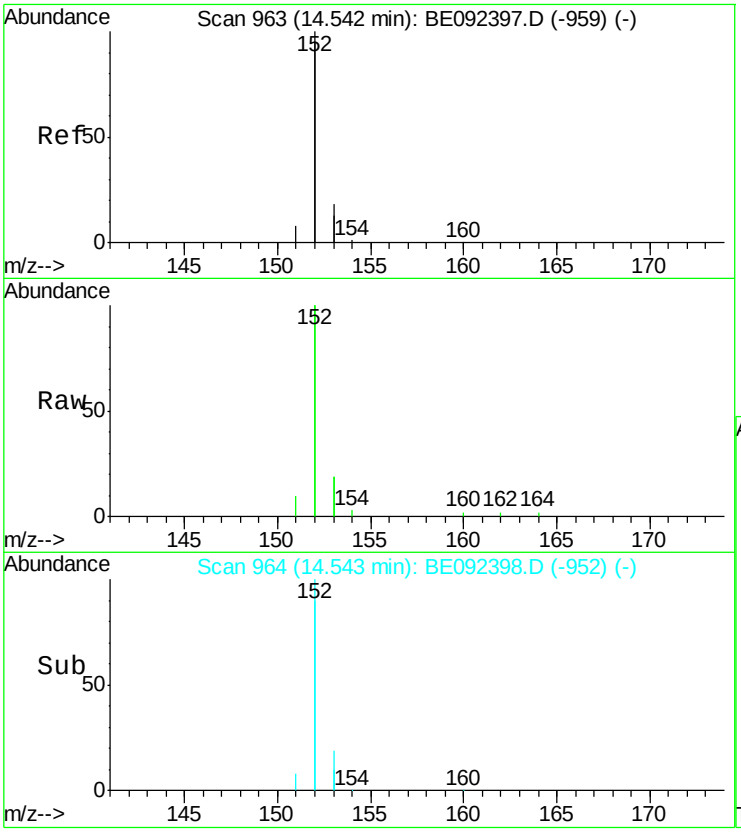


#14
2-Fluorobiphenyl
Concen: 0.14 ng
RT: 13.46 min Scan# 886
Delta R.T. 0.01 min
Lab File: BE092398.D
Acq: 22 Sep 2016 16:38

Tgt Ion:172 Resp: 1497

Ion	Ratio	Lower	Upper
172	100		
171	39.3	30.1	45.1
170	29.7	21.8	32.6



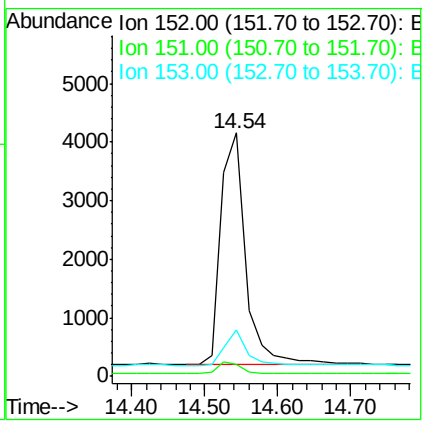


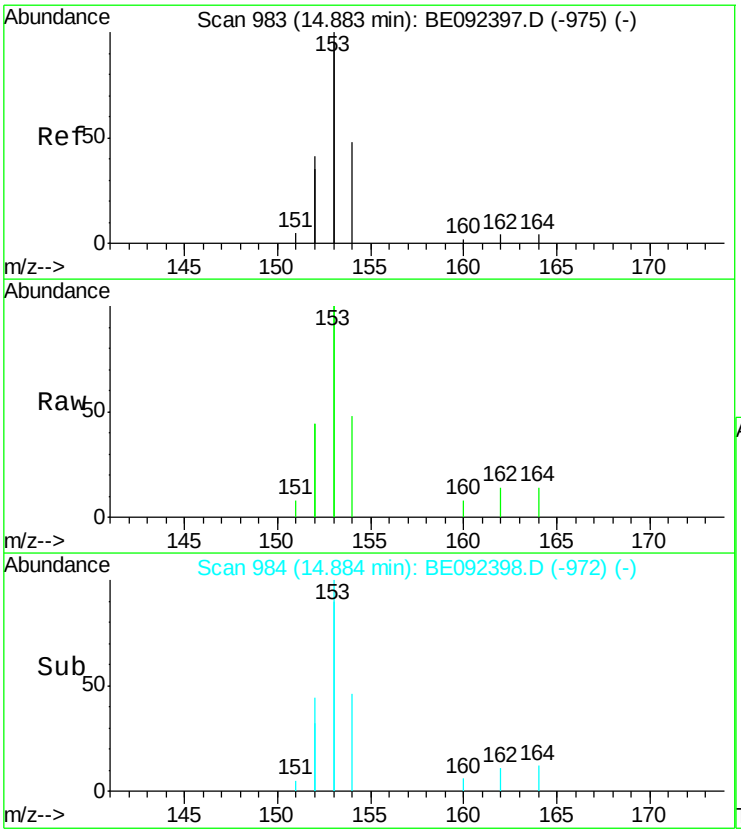
#15
Acenaphthylene
Concen: 0.16 ng
RT: 14.54 min Scan# 964
Delta R.T. 0.00 min
Lab File: BE092398.D
Acq: 22 Sep 2016 16:38

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 9284

Ion	Ratio	Lower	Upper
152	100		
151	5.0	3.9	5.9
153	12.8	10.4	15.6

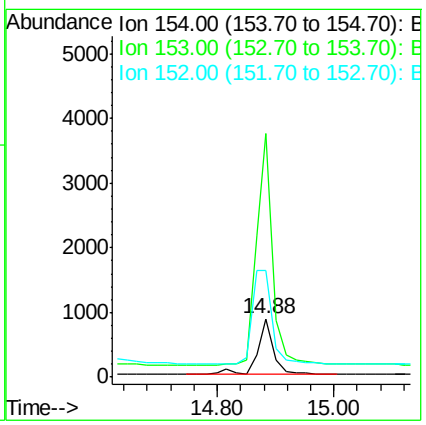


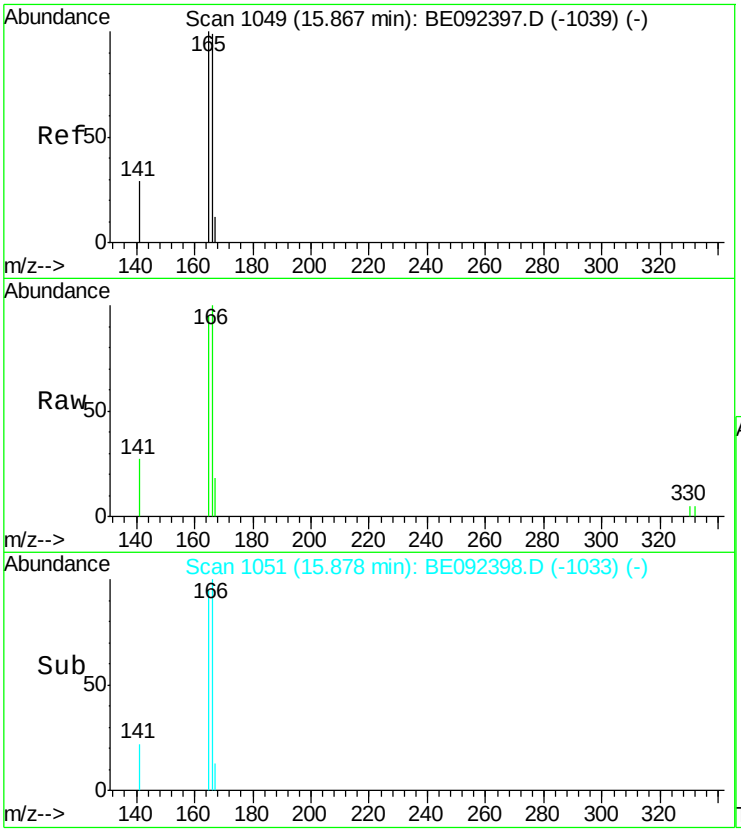


#16
Acenaphthene
Concen: 0.17 ng
RT: 14.88 min Scan# 984
Delta R.T. 0.00 min
Lab File: BE092398.D
Acq: 22 Sep 2016 16:38

Tgt Ion:154 Resp: 1617

Ion	Ratio	Lower	Upper
154	100		
153	421.7	350.8	526.2
152	210.6	171.1	256.7



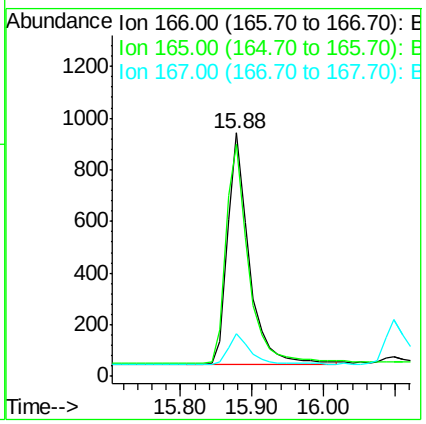


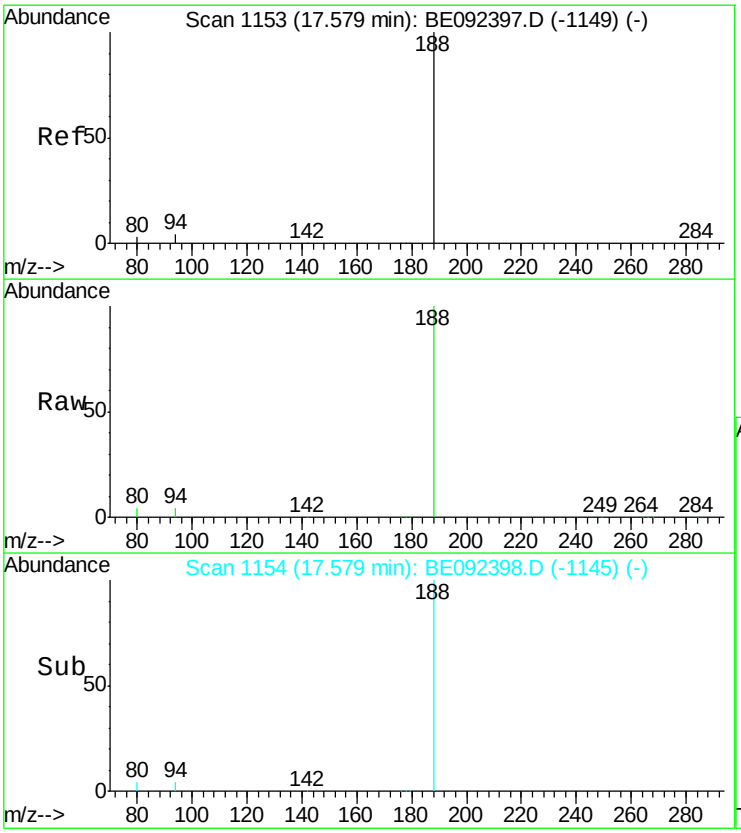
#17
Fluorene
Concen: 0.16 ng
RT: 15.88 min Scan# 1051
Delta R.T. 0.01 min
Lab File: BE092398.D
Acq: 22 Sep 2016 16:38

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:166 Resp: 1863

Ion	Ratio	Lower	Upper
166	100		
165	98.4	78.2	117.4
167	14.3	11.0	16.4

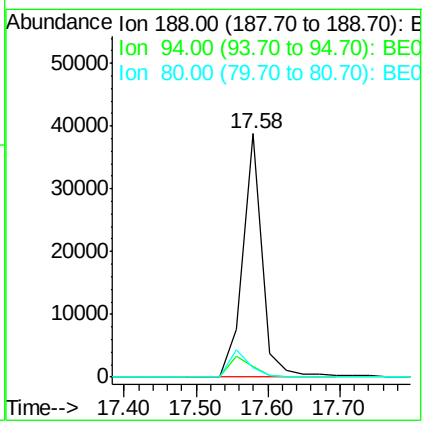


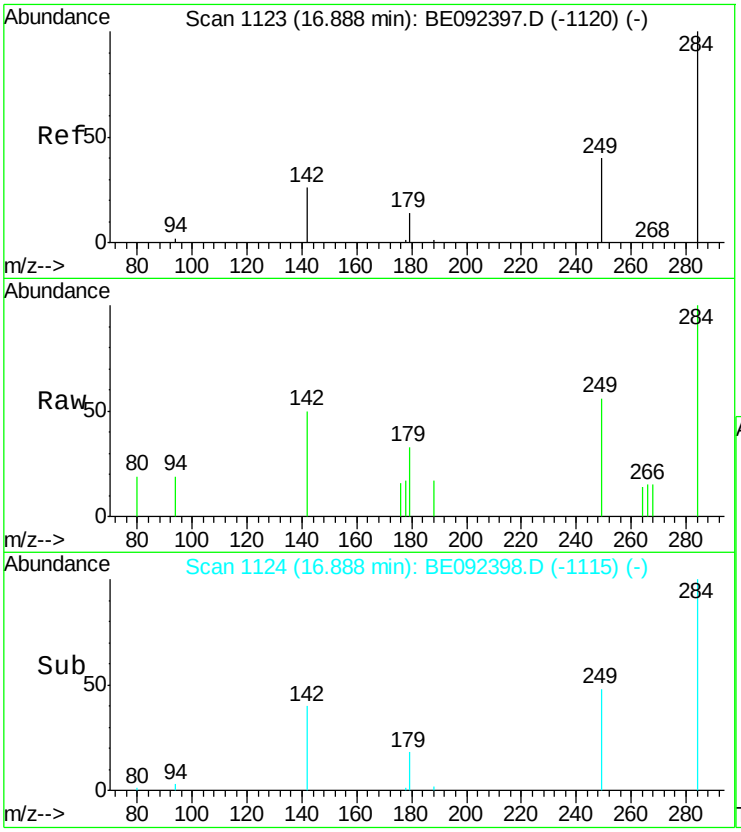


#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.58 min Scan# 1154
Delta R.T. -0.00 min
Lab File: BE092398.D
Acq: 22 Sep 2016 16:38

Tgt Ion:188 Resp: 72123

Ion	Ratio	Lower	Upper
188	100		
94	4.4	3.2	4.8
80	3.9	2.6	3.8#



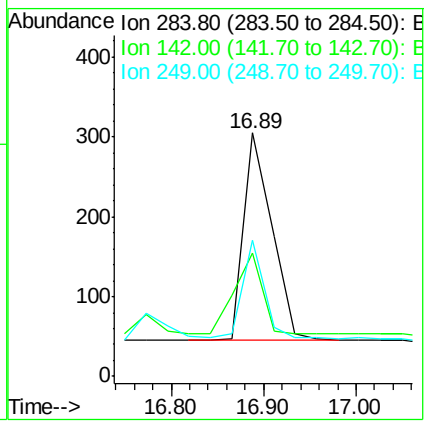


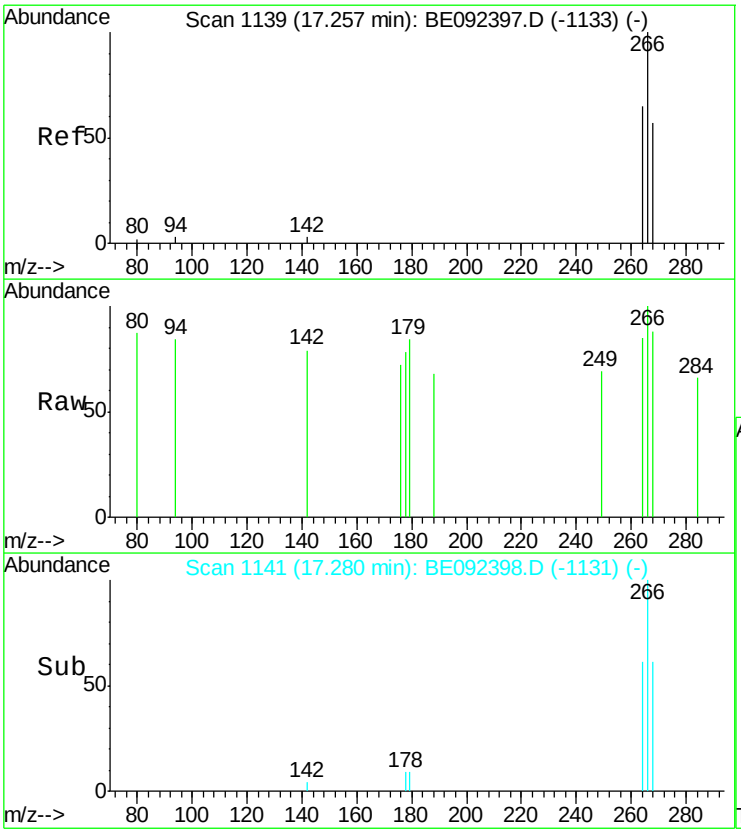
#19
Hexachlorobenzene
Concen: 0.16 ng
RT: 16.89 min Scan# 1124
Delta R.T. -0.00 min
Lab File: BE092398.D
Acq: 22 Sep 2016 16:38

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:284 Resp: 558

Ion	Ratio	Lower	Upper
284	100		
142	40.0	29.1	43.7
249	36.9	27.9	41.9

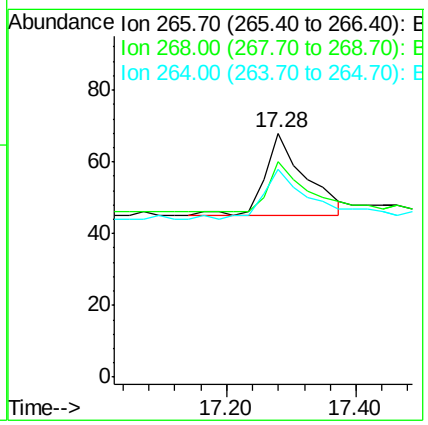


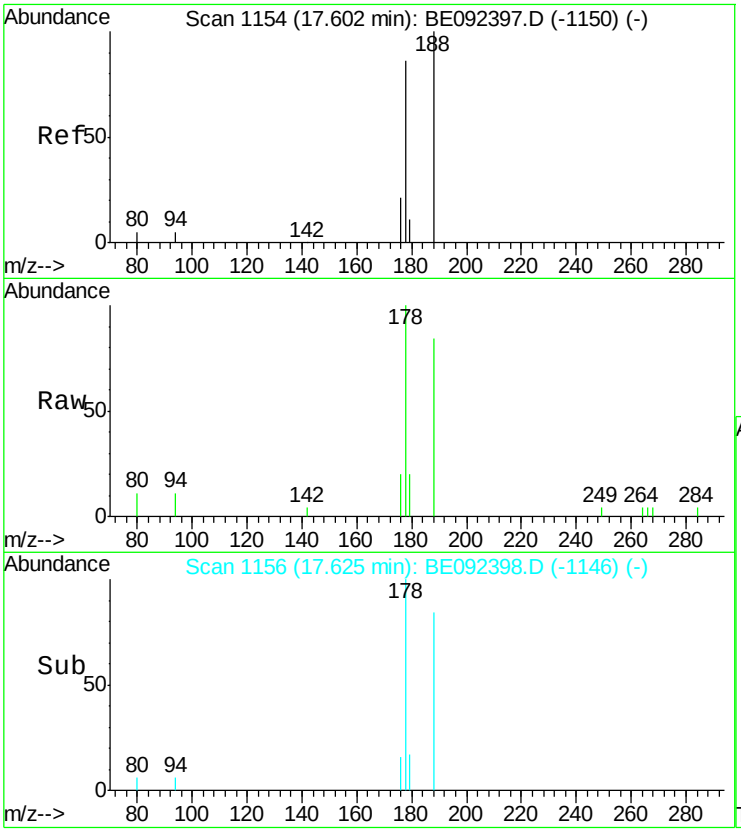


#20
Pentachlorophenol
Concen: 0.13 ng
RT: 17.28 min Scan# 1141
Delta R.T. 0.02 min
Lab File: BE092398.D
Acq: 22 Sep 2016 16:38

Tgt Ion:266 Resp: 100

Ion	Ratio	Lower	Upper
266	100		
268	88.2	62.5	93.7
264	85.3	57.2	85.8



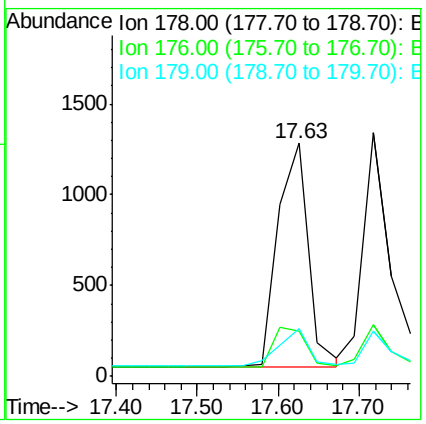


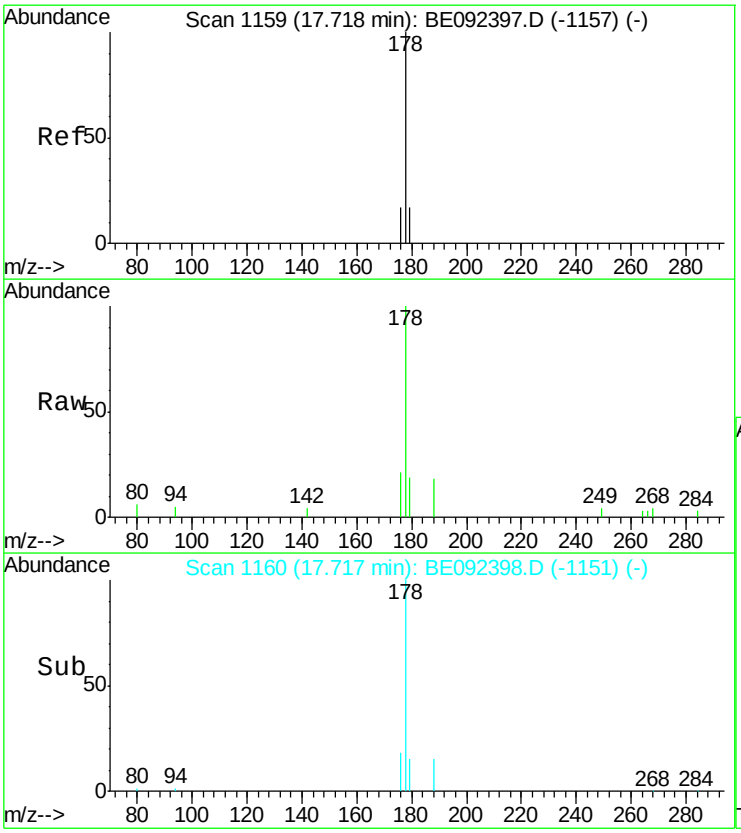
#21
Phenanthrene
Concen: 0.16 ng
RT: 17.63 min Scan# 1156
Delta R.T. 0.02 min
Lab File: BE092398.D
Acq: 22 Sep 2016 16:38

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 3226

Ion	Ratio	Lower	Upper
178	100		
176	0.0	15.8	23.8#
179	16.9	16.0	24.0

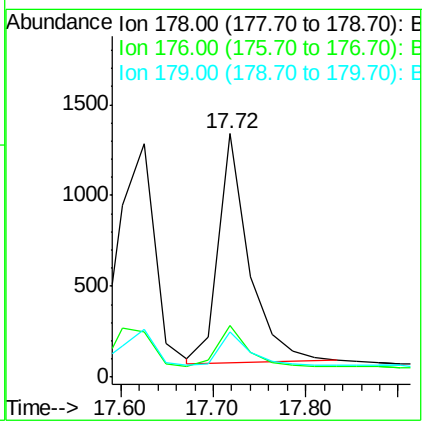


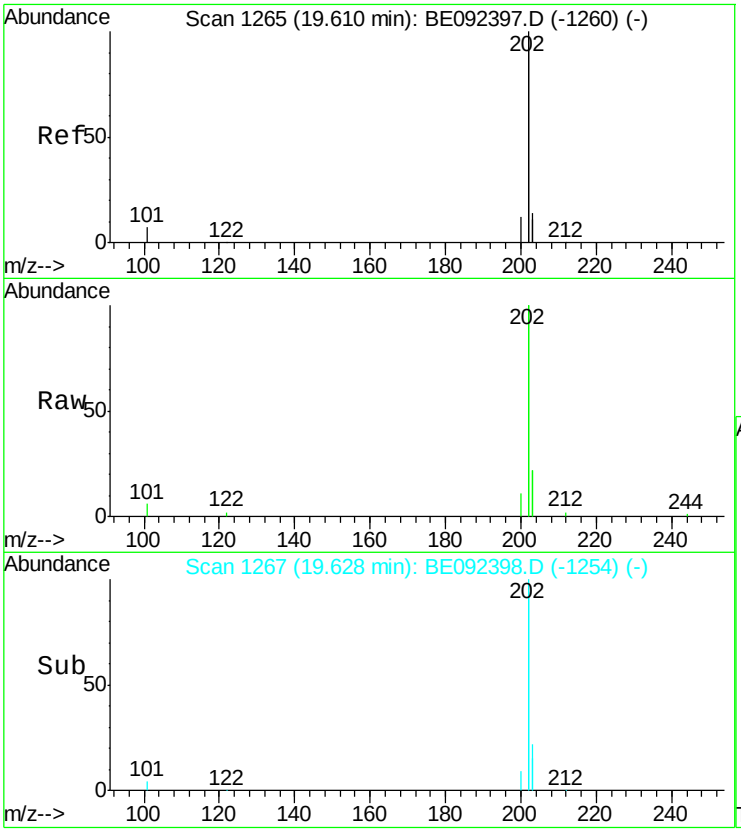


#22
Anthracene
Concen: 0.16 ng
RT: 17.72 min Scan# 1160
Delta R.T. -0.00 min
Lab File: BE092398.D
Acq: 22 Sep 2016 16:38

Tgt Ion:178 Resp: 2919

Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.0	22.4
179	14.6	12.2	18.2



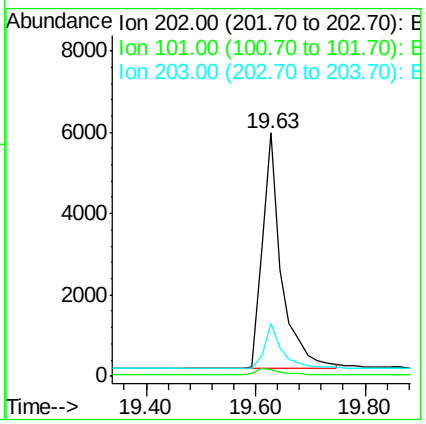


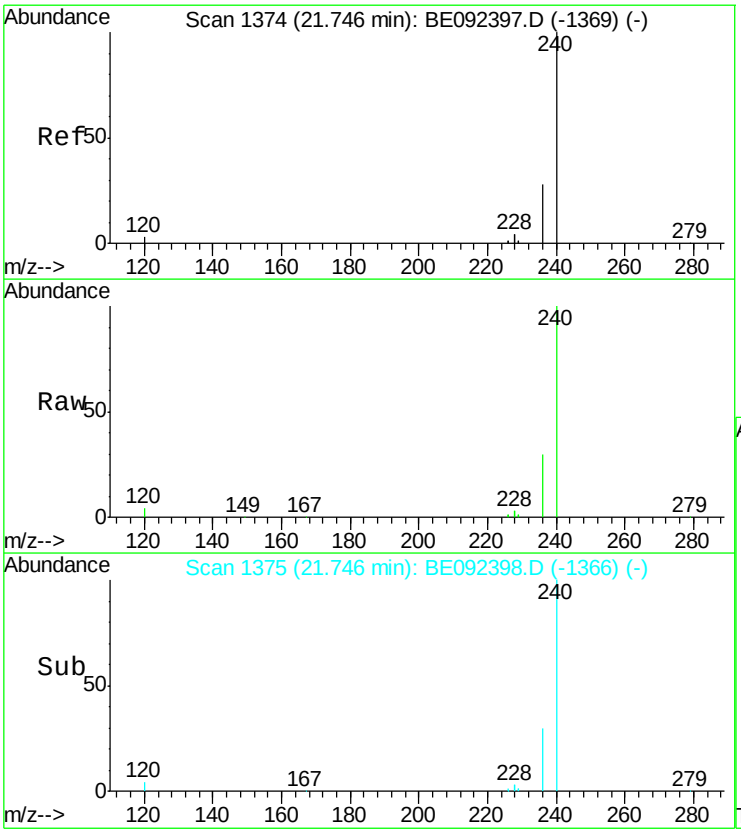
#23
Fluoranthene
Concen: 0.16 ng
RT: 19.63 min Scan# 1267
Delta R.T. 0.02 min
Lab File: BE092398.D
Acq: 22 Sep 2016 16:38

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:202 Resp: 14204

Ion	Ratio	Lower	Upper
202	100		
101	2.9	2.2	3.4
203	17.7	13.7	20.5

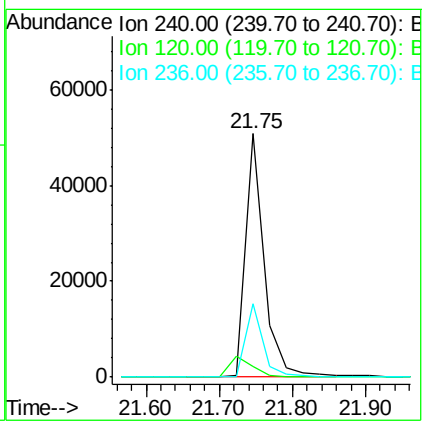


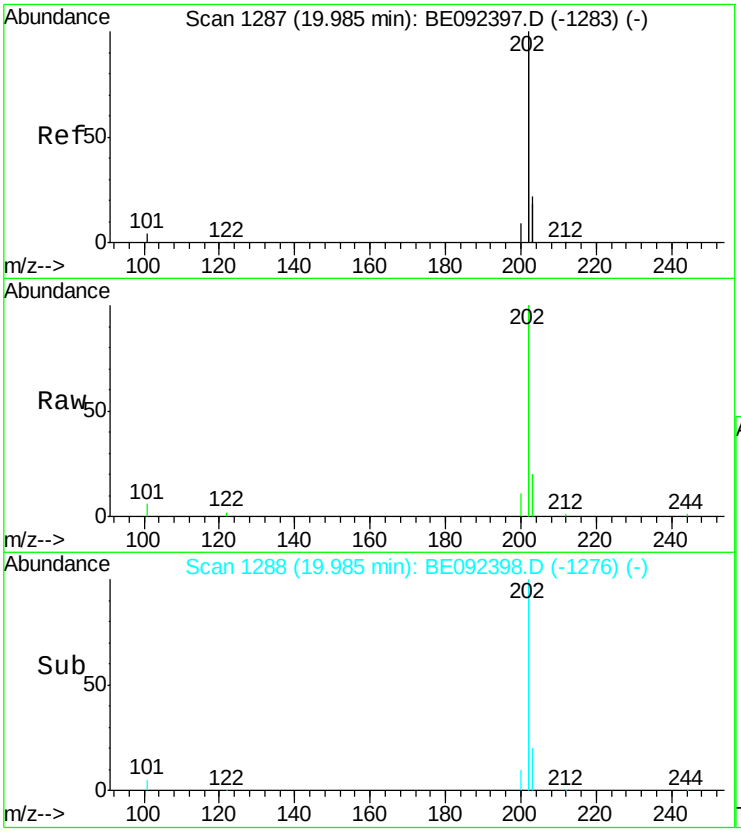


#24
Chrysene-d12
Concen: 5.00 ng
RT: 21.75 min Scan# 1375
Delta R.T. -0.00 min
Lab File: BE092398.D
Acq: 22 Sep 2016 16:38

Tgt Ion:240 Resp: 88671

Ion	Ratio	Lower	Upper
240	100		
120	4.2	2.6	4.0#
236	30.0	24.6	37.0



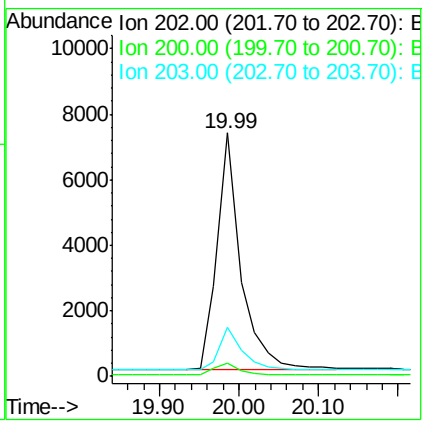


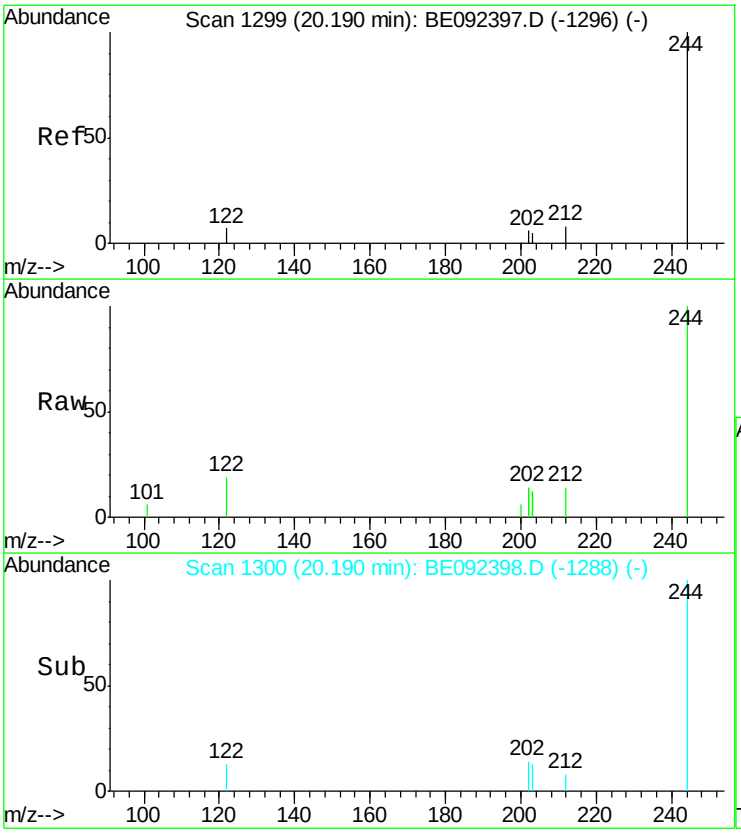
#25
Pyrene
Concen: 0.17 ng
RT: 19.99 min Scan# 1288
Delta R.T. 0.00 min
Lab File: BE092398.D
Acq: 22 Sep 2016 16:38

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:202 Resp: 14976

Ion	Ratio	Lower	Upper
202	100		
200	5.3	4.2	6.4
203	17.9	13.9	20.9

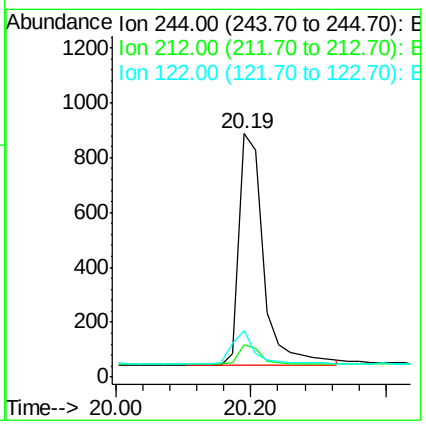


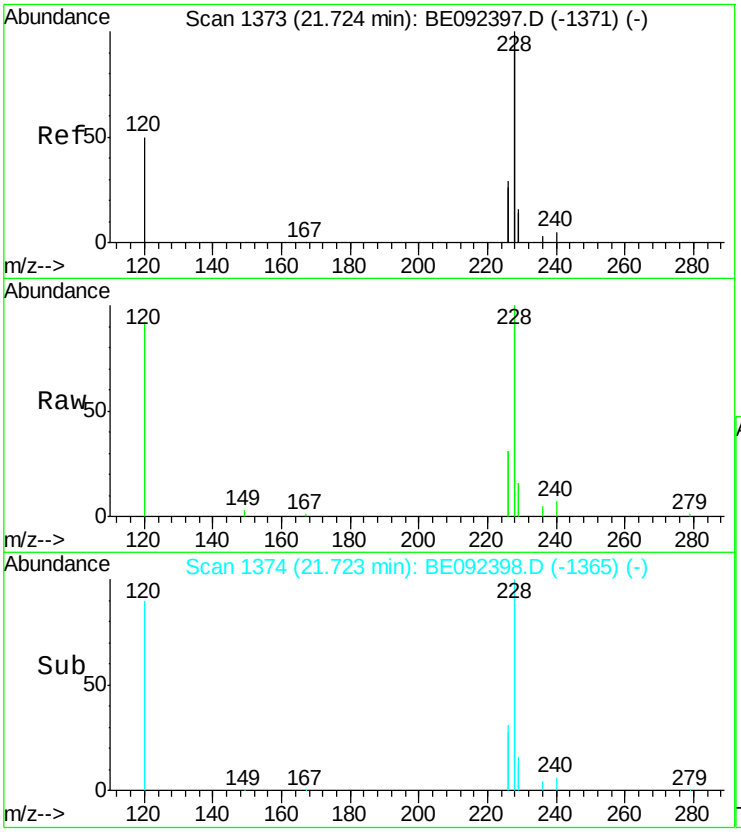


#26
Terphenyl-d14
Concen: 0.16 ng
RT: 20.19 min Scan# 1300
Delta R.T. 0.00 min
Lab File: BE092398.D
Acq: 22 Sep 2016 16:38

Tgt Ion:244 Resp: 2134

Ion	Ratio	Lower	Upper
244	100		
212	13.5	6.7	10.1#
122	19.0	3.6	5.4#



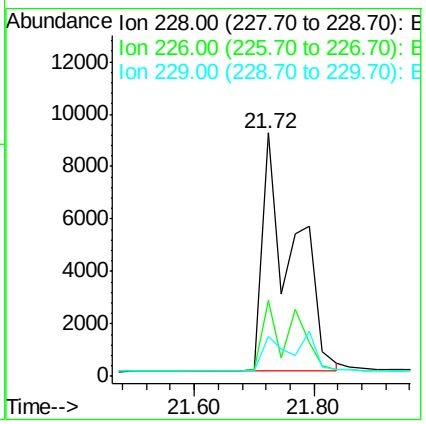


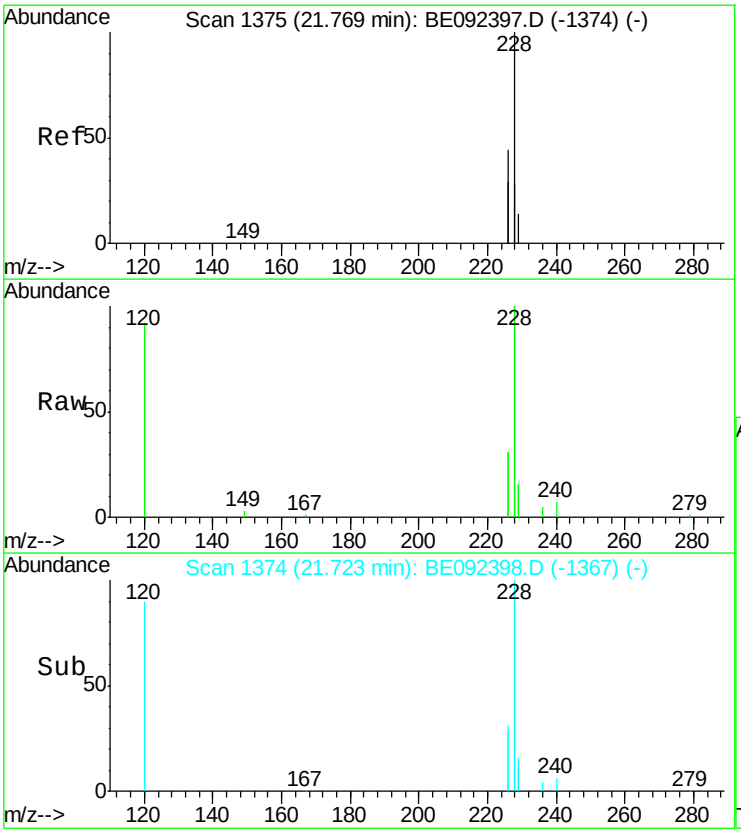
#27
Benzo(a)anthracene
Concen: 0.34 ng
RT: 21.72 min Scan# 1374
Delta R.T. -0.00 min
Lab File: BE092398.D
Acq: 22 Sep 2016 16:38

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 32546

Ion	Ratio	Lower	Upper
228	100		
226	31.2	23.6	35.4
229	16.4	13.3	19.9

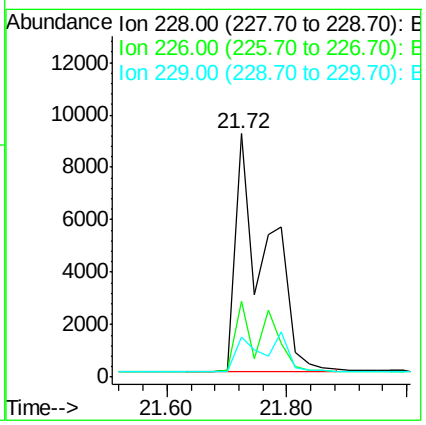


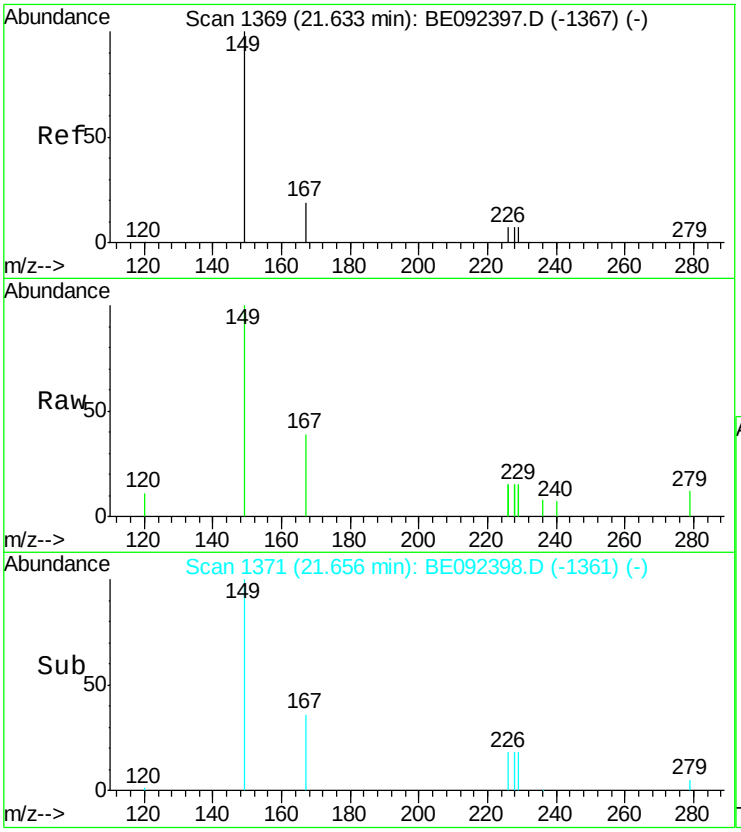


#28
Chrysene
Concen: 0.33 ng
RT: 21.72 min Scan# 1374
Delta R.T. -0.05 min
Lab File: BE092398.D
Acq: 22 Sep 2016 16:38

Tgt Ion:228 Resp: 32918

Ion	Ratio	Lower	Upper
228	100		
226	31.2	36.3	54.5#
229	16.4	10.6	16.0#



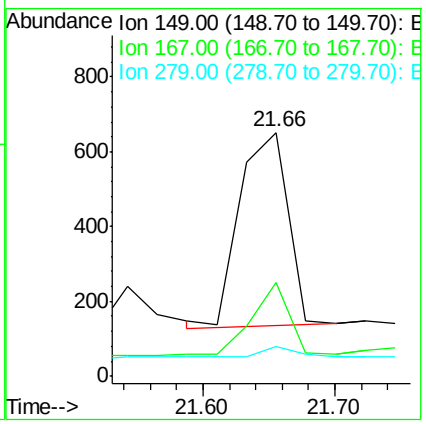


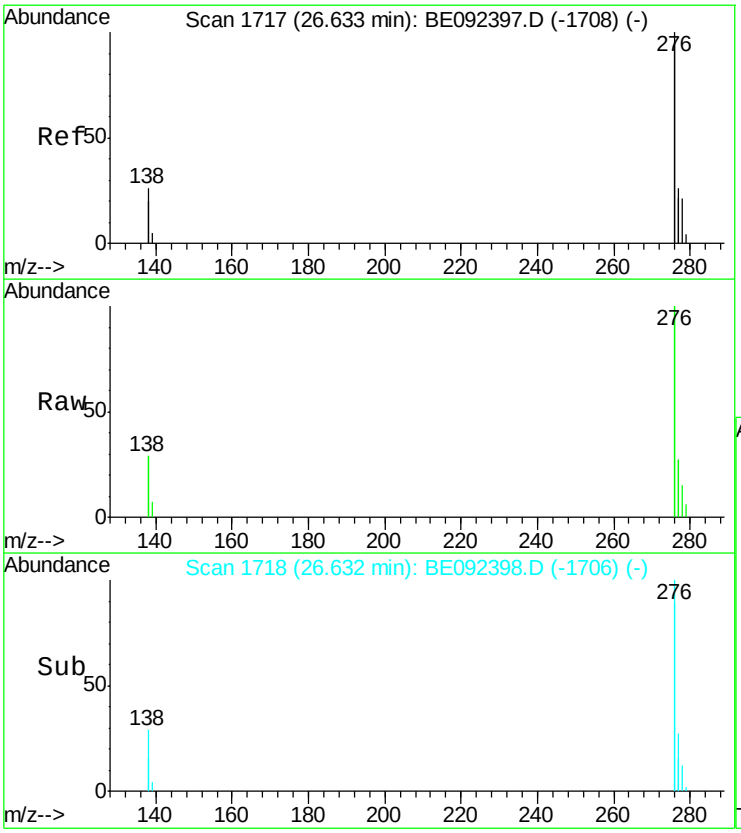
#29
Bis(2-ethylhexyl)phthalate
Concen: 0.10 ng
RT: 21.66 min Scan# 1371
Delta R.T. 0.02 min
Lab File: BE092398.D
Acq: 22 Sep 2016 16:38

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:149 Resp: 1335

Ion	Ratio	Lower	Upper
149	100		
167	29.6	16.0	24.0#
279	4.3	16.0	24.0#

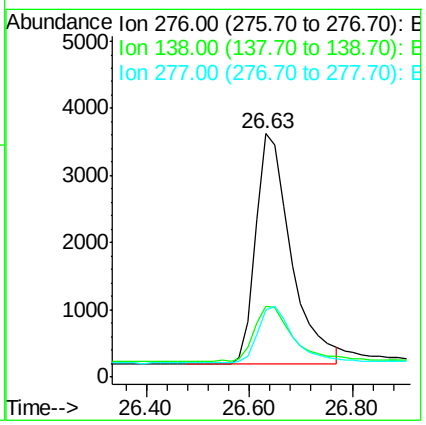


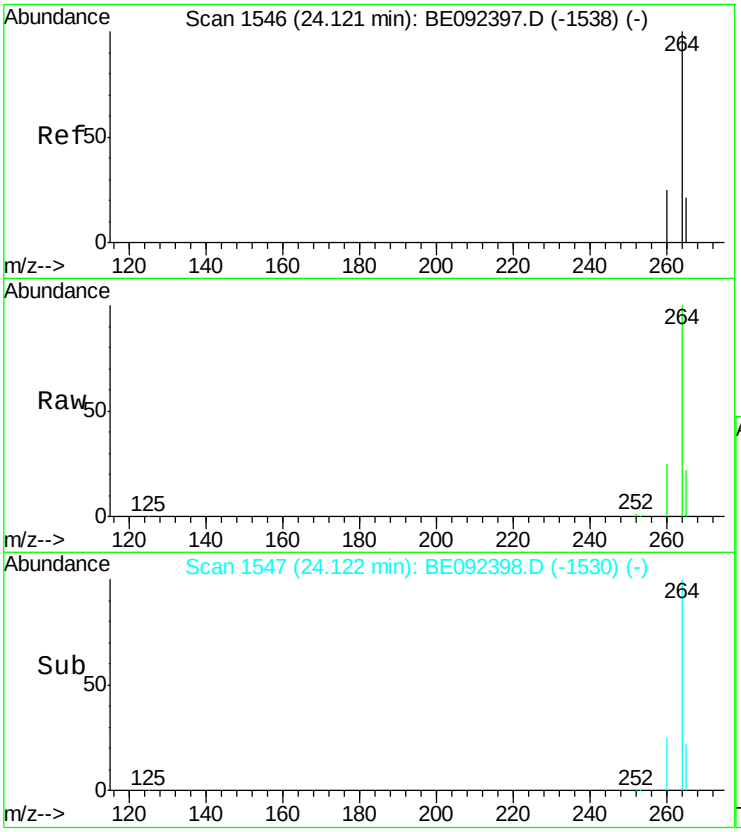


#30
Indeno(1,2,3-cd)pyrene
Concen: 0.16 ng
RT: 26.63 min Scan# 1718
Delta R.T. -0.00 min
Lab File: BE092398.D
Acq: 22 Sep 2016 16:38

Tgt Ion:276 Resp: 16152

Ion	Ratio	Lower	Upper
276	100		
138	25.9	20.3	30.5
277	24.9	19.7	29.5



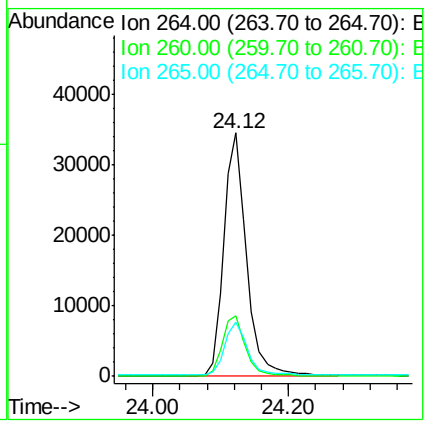


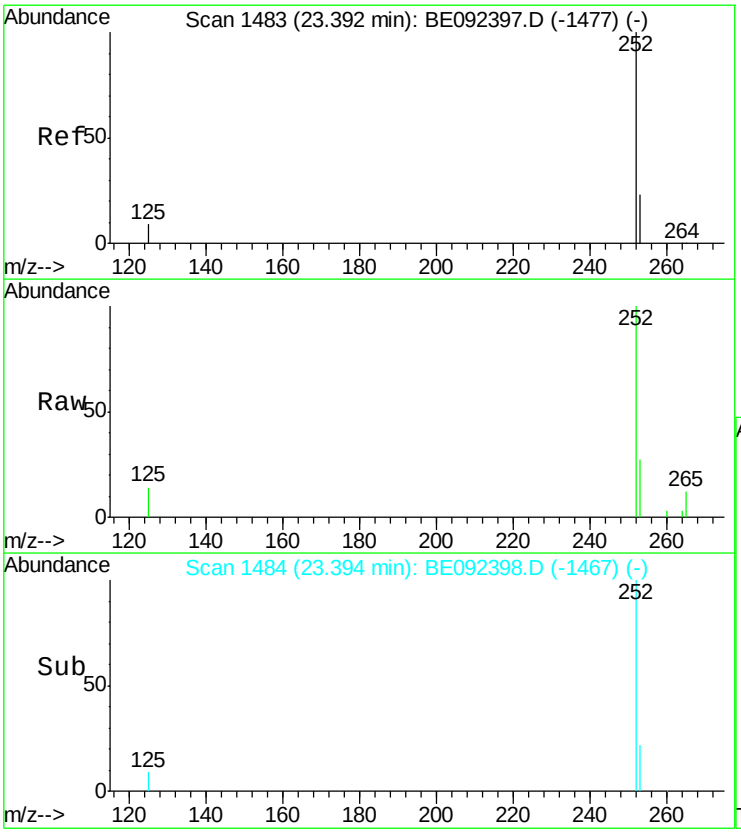
#31
Perylene-d12
Concen: 5.00 ng
RT: 24.12 min Scan# 1547
Delta R.T. 0.00 min
Lab File: BE092398.D
Acq: 22 Sep 2016 16:38

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:264 Resp: 81179

Ion	Ratio	Lower	Upper
264	100		
260	24.7	20.1	30.1
265	22.3	17.9	26.9

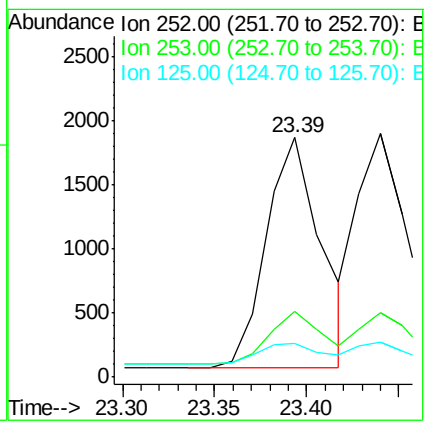


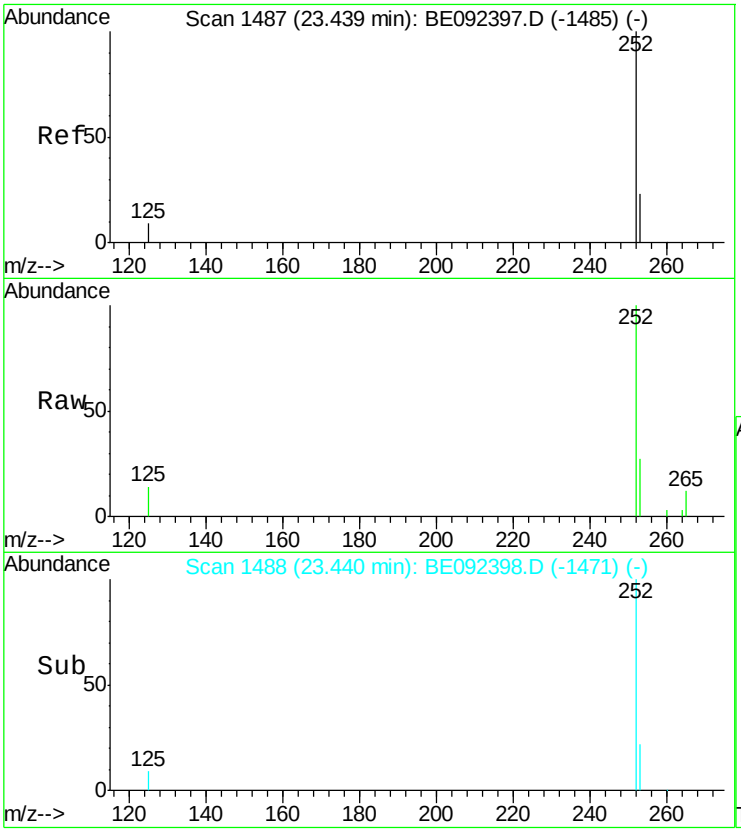


#32
Benzo(b)fluoranthene
Concen: 0.18 ng
RT: 23.39 min Scan# 1484
Delta R.T. 0.00 min
Lab File: BE092398.D
Acq: 22 Sep 2016 16:38

Tgt Ion:252 Resp: 3708

Ion	Ratio	Lower	Upper
252	100		
253	27.3	18.7	28.1
125	14.2	10.5	15.7



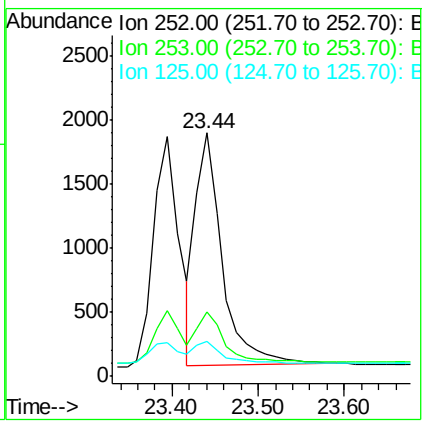


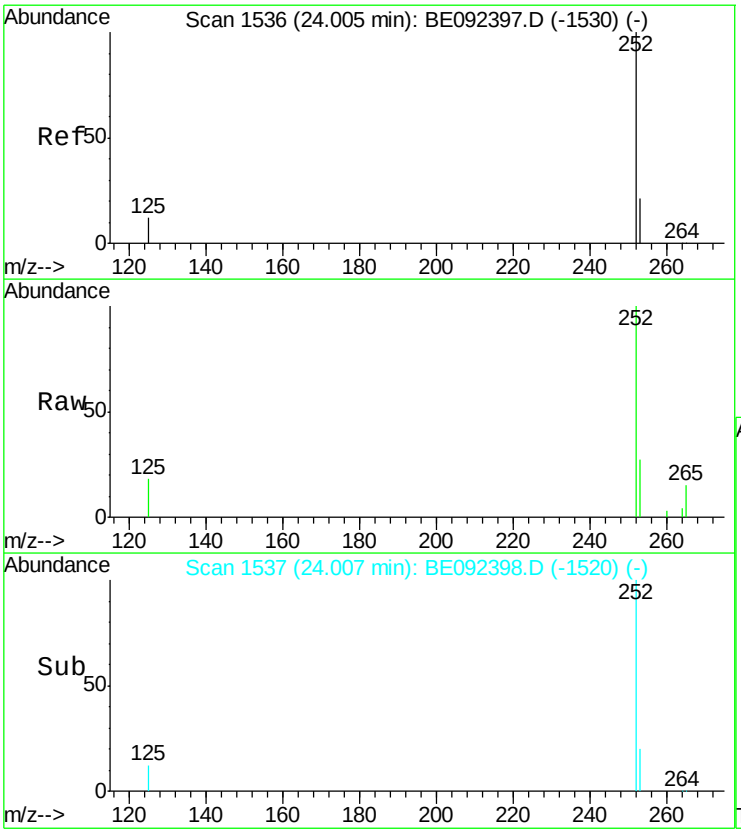
#33
Benzo(k)fluoranthene
Concen: 0.18 ng
RT: 23.44 min Scan# 1488
Delta R.T. 0.00 min
Lab File: BE092398.D
Acq: 22 Sep 2016 16:38

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 3888

Ion	Ratio	Lower	Upper
252	100		
253	26.5	20.3	30.5
125	14.2	9.6	14.4

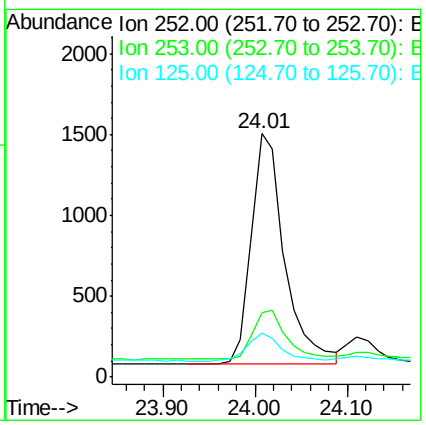


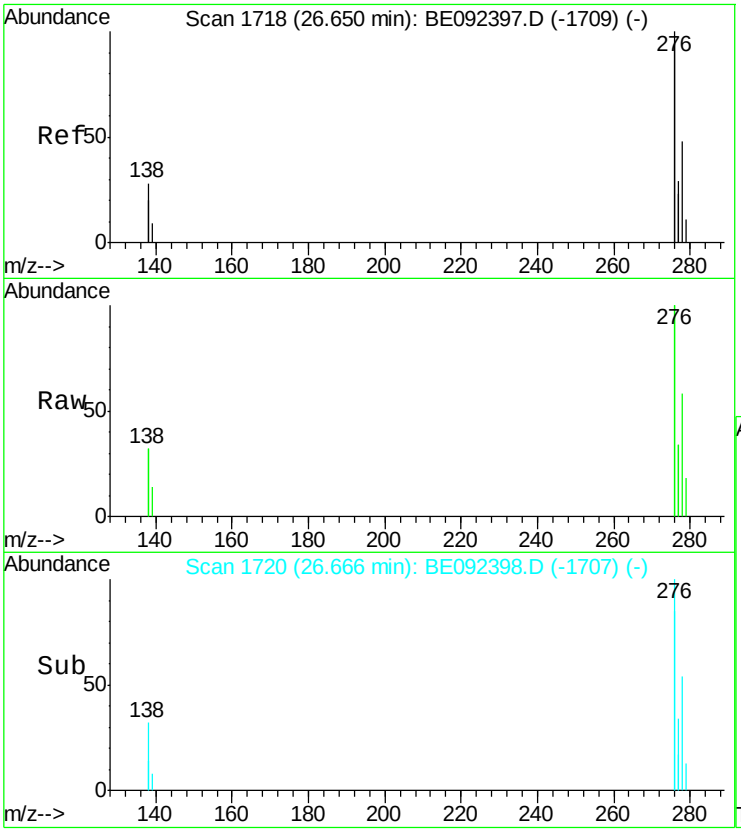


#34
Benzo(a)pyrene
Concen: 0.18 ng
RT: 24.01 min Scan# 1537
Delta R.T. 0.00 min
Lab File: BE092398.D
Acq: 22 Sep 2016 16:38

Tgt Ion:252 Resp: 3597

Ion	Ratio	Lower	Upper
252	100		
253	26.6	19.0	28.6
125	17.8	11.8	17.8#



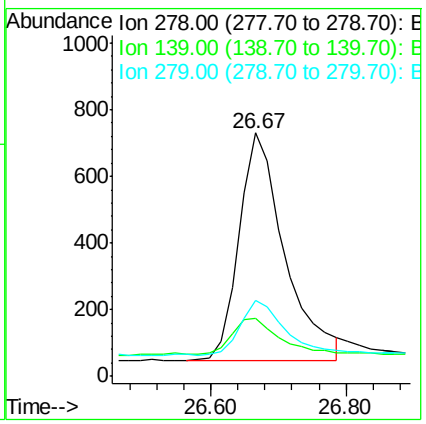


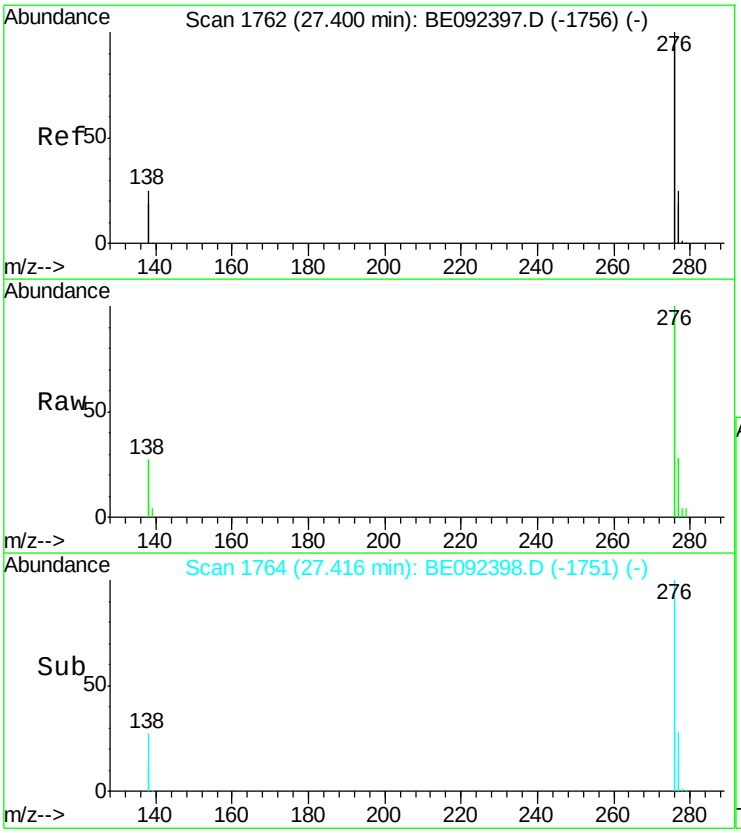
#35
Dibenzo(a,h)anthracene
Concen: 0.17 ng
RT: 26.67 min Scan# 1720
Delta R.T. 0.02 min
Lab File: BE092398.D
Acq: 22 Sep 2016 16:38

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:278 Resp: 3181

Ion	Ratio	Lower	Upper
278	100		
139	23.7	13.8	20.8#
279	31.1	21.4	32.2





#36
Benzo(g,h,i)perylene
Concen: 0.18 ng
RT: 27.42 min Scan# 1764
Delta R.T. 0.02 min
Lab File: BE092398.D
Acq: 22 Sep 2016 16:38

Tgt Ion:276 Resp: 14434

Ion	Ratio	Lower	Upper
276	100		
277	28.1	19.8	29.8
138	27.1	19.8	29.6