Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE081815\
Data File : BE090558.D
Acq On : 18 Aug 2015 17:33
Operator : UM/IZ
Sample : G3329-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : 081515-D534-F-D-S

Quant Time: Aug 19 02:32:45 2015
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE081415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 19 02:30:21 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	22137	5.00	ng		0.00
6) Naphthalene-d8	10.34	136	111937	5.00	ng		0.00
12) Acenaphthene-d10	14.20	164	60609	5.00	ng		0.00
18) Phenanthrene-d10	16.95	188	129968	5.00	ng		0.00
25) Chrysene-d12	21.09	240	125383	5.00	ng		0.00
32) Perylene-d12	23.40	264	114377	5.00	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.22	112	17671	2.76	ng		0.00
5) Phenol-d6	6.78	99	15543	1.65	ng		0.00
7) Nitrobenzene-d5	8.73	82	30008	3.36	ng		0.00
13) 2,4,6-Tribromophenol	15.69	330	18963	8.13	ng		-0.02
14) 2-Fluorobiphenyl	12.82	172	63743	3.52	ng		0.00
27) Terphenyl-d14	19.55	244	92474	4.03	ng		0.00
Target Compounds							Qvalue
3) n-Nitrosodimethylamine	3.47	42	55	0.01	ng	#	6
8) Nitrobenzene	8.73	77	59	0.01	ng	#	37
9) Naphthalene	10.38	128	169	0.01	ng	#	1
10) Hexachlorobutadiene	10.74	225	2	0.00	ng	#	1
11) 2-Methylnaphthalene	12.03	142	53	0.00	ng	#	65
15) Acenaphthylene	13.91	152	150	0.00	ng	#	81
16) Acenaphthene	14.26	154	34	0.00	ng		75
17) Fluorene	15.26	166	267	0.01	ng	#	74
19) 4-Bromophenyl-phenylether	16.21	248	22	0.00	ng	#	32
20) Hexachlorobenzene	16.27	284	25	0.00	ng	#	40
21) Pentachlorophenol	16.61	266	31	0.31	ng	#	67
22) Phenanthrene	16.98	178	477	0.01	ng	#	78
23) Anthracene	17.07	178	106	0.00	ng	#	61
24) Fluoranthene	18.98	202	252	0.01	ng	#	89
26) Pyrene	19.35	202	231	0.01	ng	#	76
28) Benzo(a)anthracene	21.09	228	478	0.01	ng	#	69
29) Chrysene	21.13	228	206	0.01	ng	#	34
30) Bis(2-ethylhexyl)phthalate	21.02	149	4062	0.34	ng		99
31) Indeno(1,2,3-cd)pyrene	25.80	276	431	0.01	ng	#	58
33) Benzo(b)fluoranthene	22.70	252	176	0.01	ng	#	1
34) Benzo(k)fluoranthene	22.74	252	182	0.01	ng	#	1
35) Benzo(a)pyrene	23.30	252	245	0.01	ng	#	1
36) Dibenzo(a,h)anthracene	25.81	278	305	0.01	ng	#	1
37) Benzo(g,h,i)perylene	26.52	276	346	0.01	ng	#	17

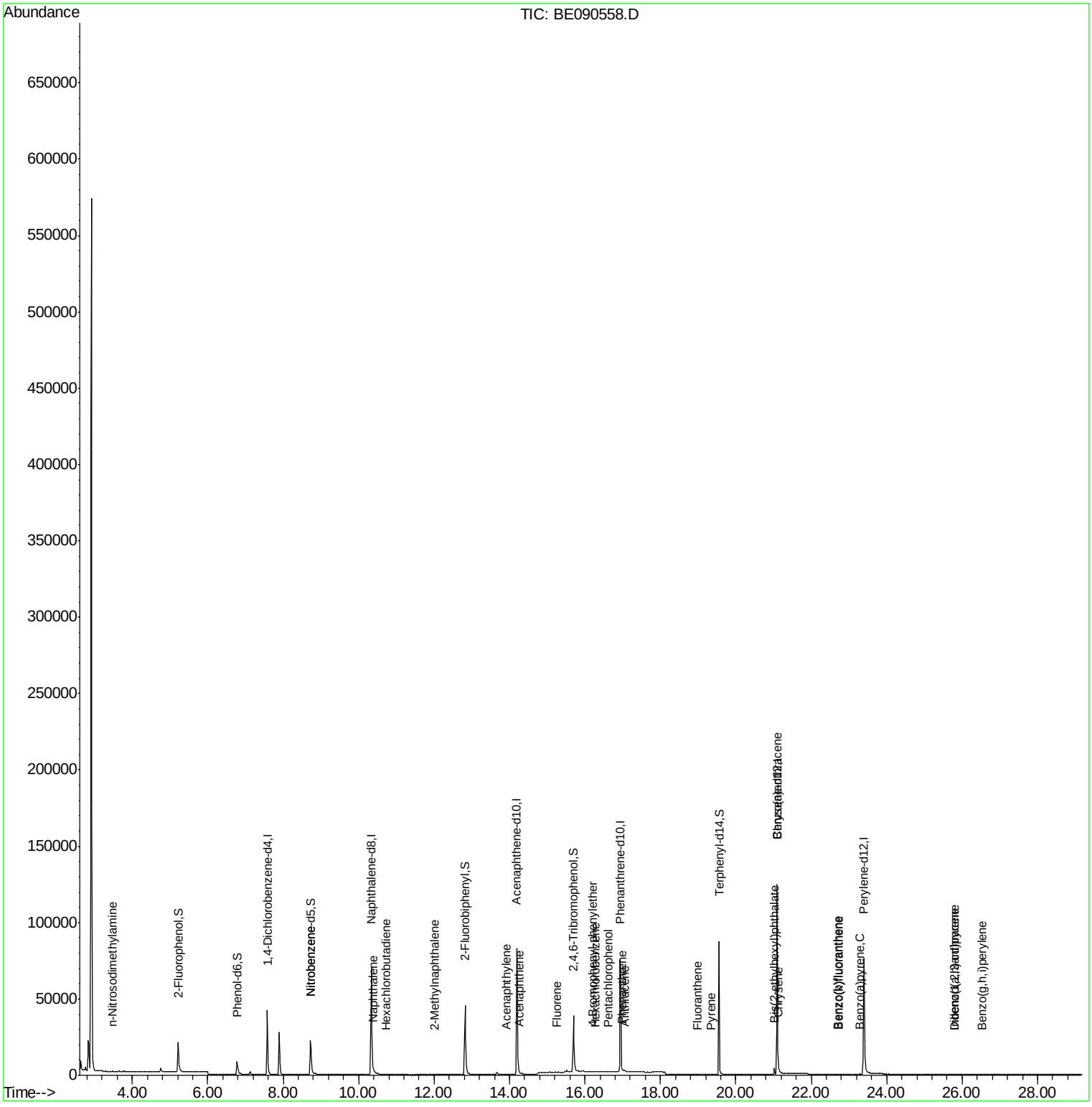
(#) = qualifier out of range (m) = manual integration (+) = signals summed

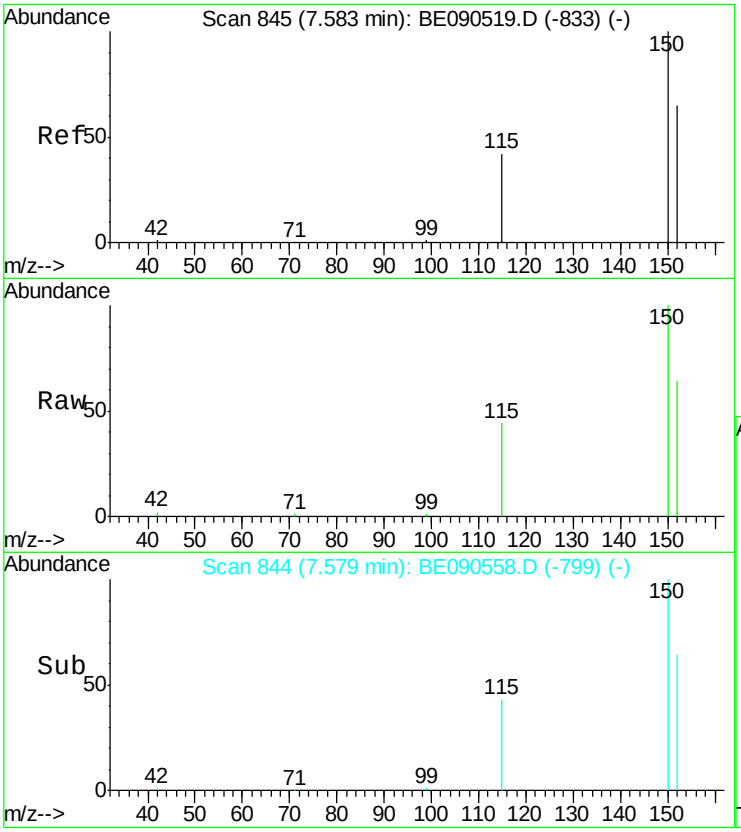
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE081815\
Data File : BE090558.D
Acq On : 18 Aug 2015 17:33
Operator : UM/IZ
Sample : G3329-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
081515-D534-F-D-S

Quant Time: Aug 19 02:32:45 2015
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE081415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 19 02:30:21 2015
Response via : Initial Calibration



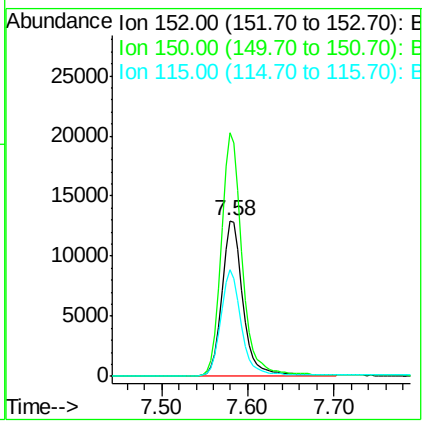


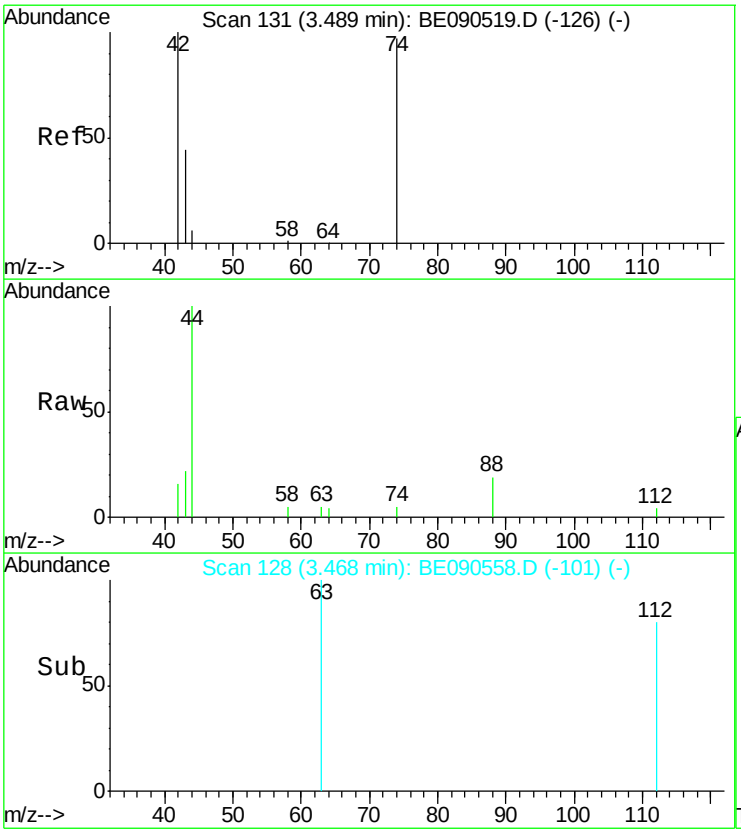
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.58 min Scan# 844
Delta R.T. 0.00 min
Lab File: BE090558.D
Acq: 18 Aug 2015 17:33

Instrument :
BNA_E
ClientSampleId :
081515-D534-F-D-S

Tgt Ion:152 Resp: 22137

Ion	Ratio	Lower	Upper
152	100		
150	156.5	123.0	184.4
115	68.2	48.9	73.3

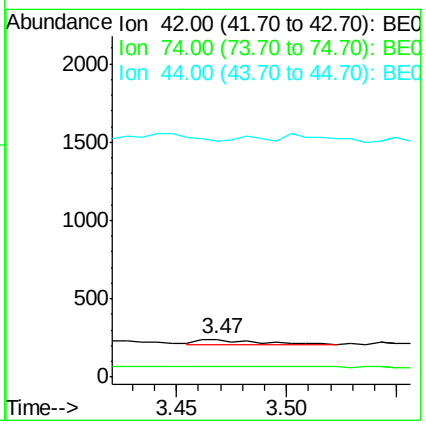


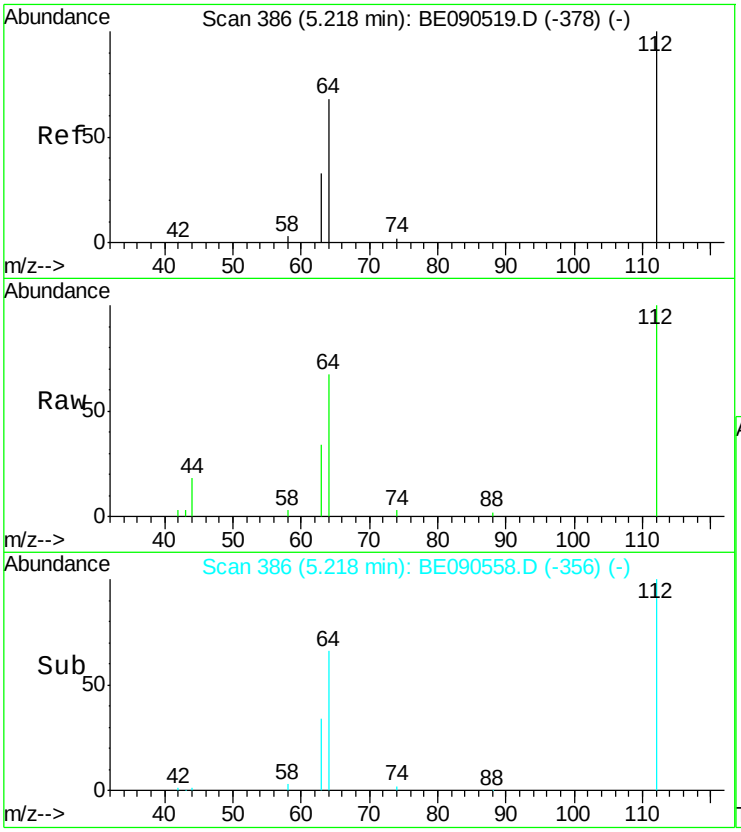


#3
n-Nitrosodimethylamine
Concen: 0.01 ng
RT: 3.47 min Scan# 128
Delta R.T. -0.01 min
Lab File: BE090558.D
Acq: 18 Aug 2015 17:33

Tgt Ion: 42 Resp: 55

Ion	Ratio	Lower	Upper
42	100		
74	0.0	75.2	112.8#
44	36.4	8.7	13.1#



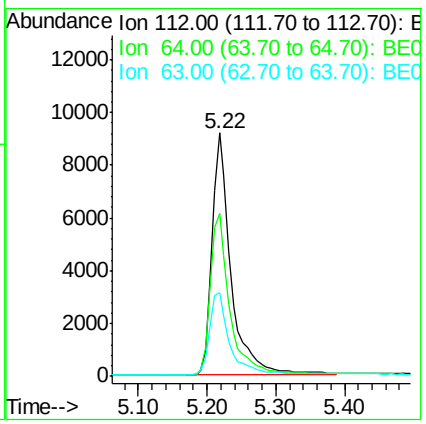


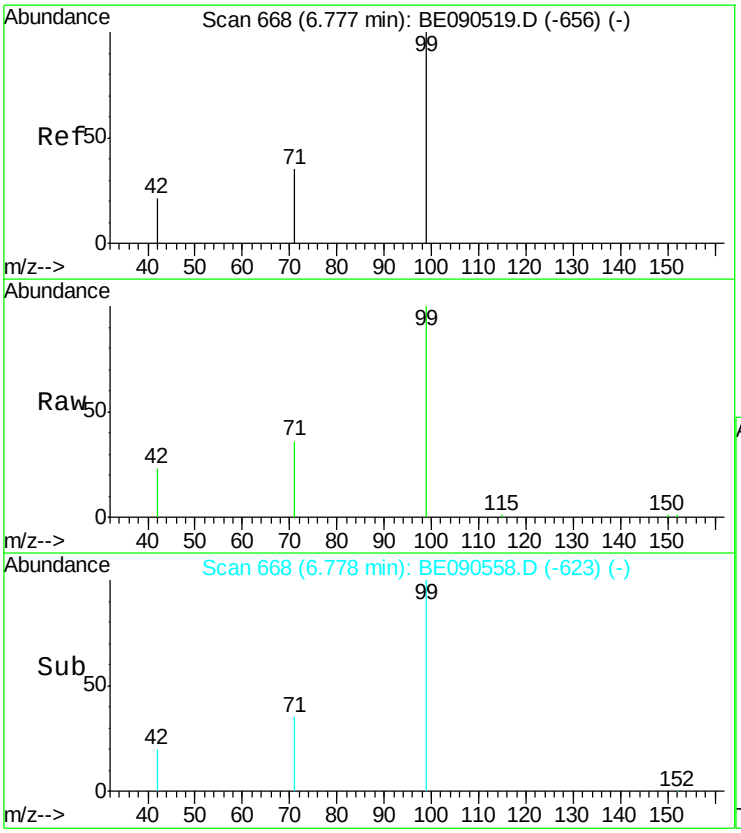
#4
2-Fluorophenol
Concen: 2.76 ng
RT: 5.22 min Scan# 386
Delta R.T. 0.01 min
Lab File: BE090558.D
Acq: 18 Aug 2015 17:33

Instrument :
BNA_E
ClientSampleId :
081515-D534-F-D-S

Tgt Ion:112 Resp: 17671

Ion	Ratio	Lower	Upper
112	100		
64	68.7	37.1	55.7#
63	35.2	19.5	29.3#

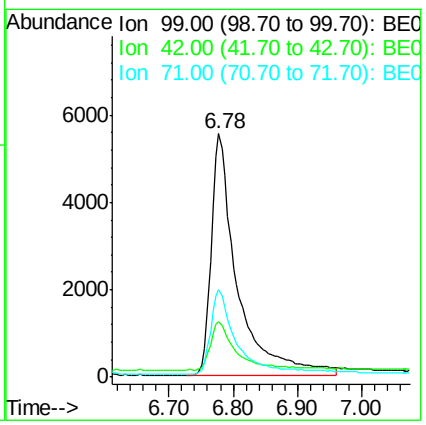


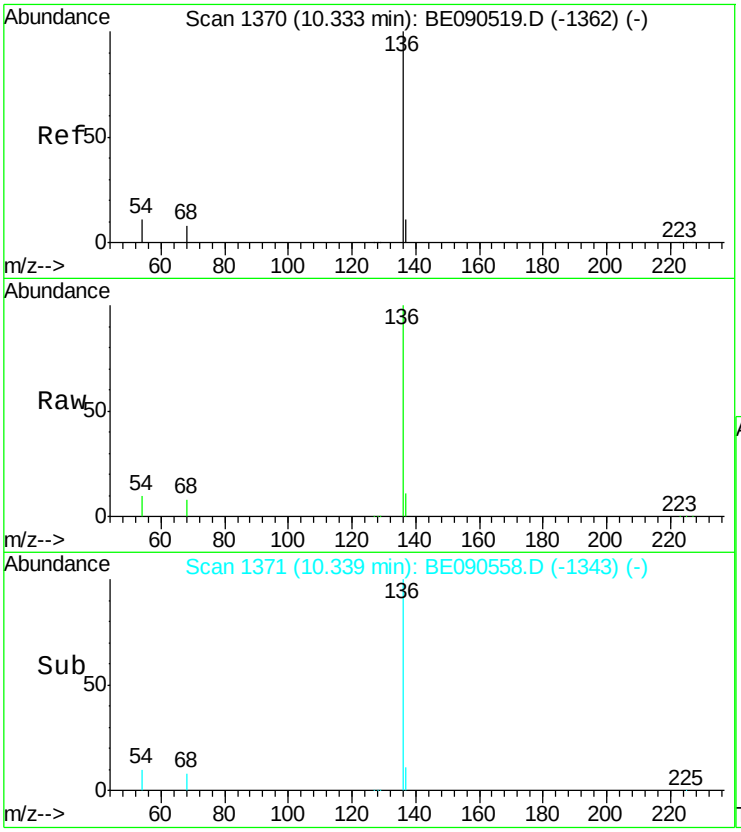


#5
Phenol-d6
Concen: 1.65 ng
RT: 6.78 min Scan# 668
Delta R.T. 0.00 min
Lab File: BE090558.D
Acq: 18 Aug 2015 17:33

Tgt Ion: 99 Resp: 15543

Ion	Ratio	Lower	Upper
99	100		
42	19.8	18.2	27.4
71	34.8	27.4	41.0



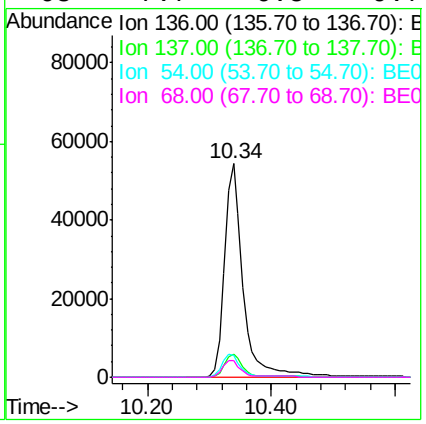


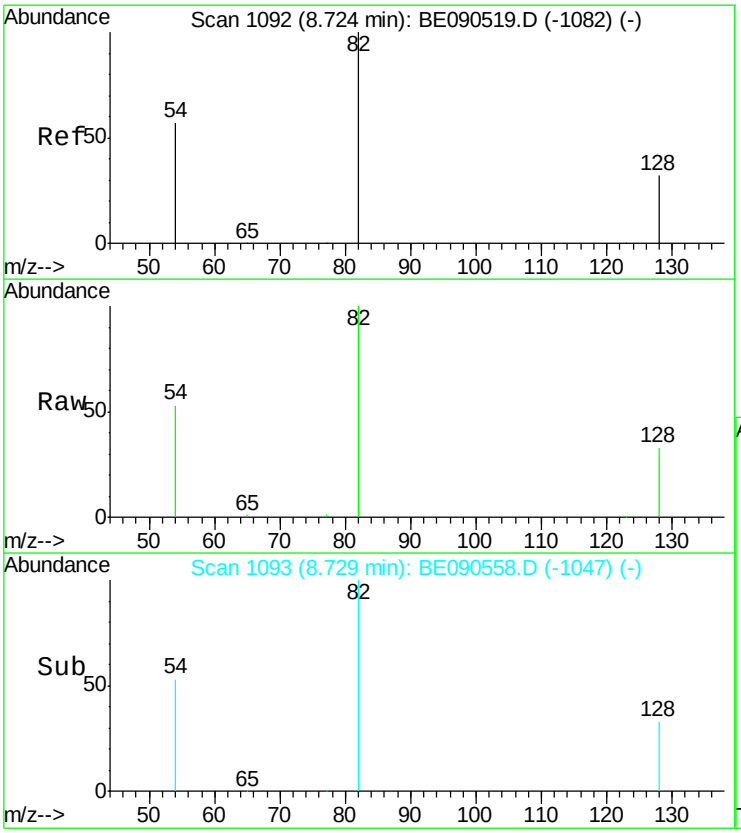
#6
Naphthalene-d8
Concen: 5.00 ng
RT: 10.34 min Scan# 1371
Delta R.T. 0.01 min
Lab File: BE090558.D
Acq: 18 Aug 2015 17:33

Instrument :
BNA_E
ClientSampleId :
081515-D534-F-D-S

Tgt Ion:136 Resp: 111937

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.7	13.1
54	10.2	9.4	14.0
68	7.7	6.5	9.7

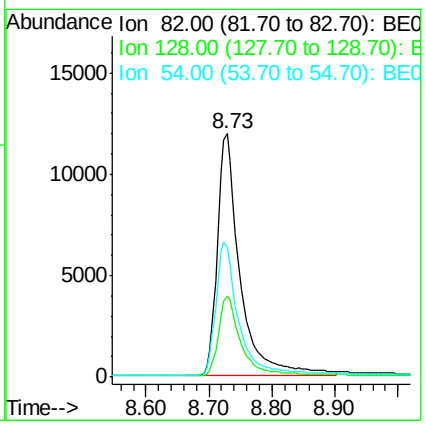


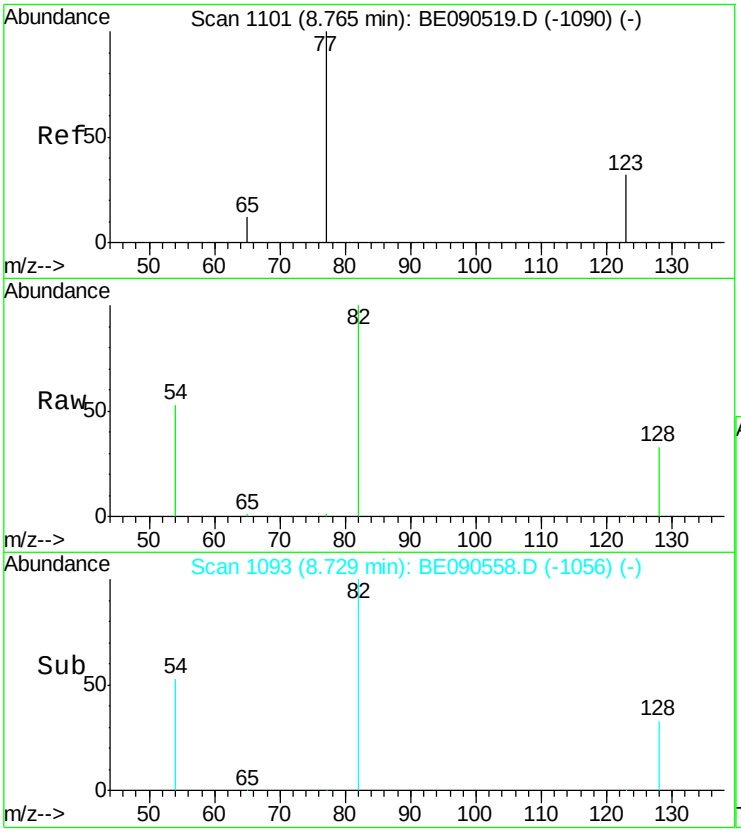


#7
Nitrobenzene-d5
Concen: 3.36 ng
RT: 8.73 min Scan# 1093
Delta R.T. 0.01 min
Lab File: BE090558.D
Acq: 18 Aug 2015 17:33

Tgt Ion: 82 Resp: 30008

Ion	Ratio	Lower	Upper
82	100		
128	33.4	25.0	37.6
54	53.2	48.8	73.2



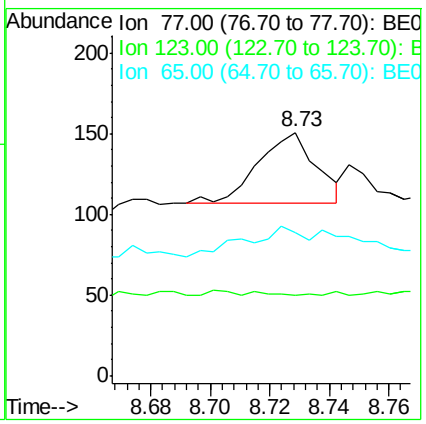


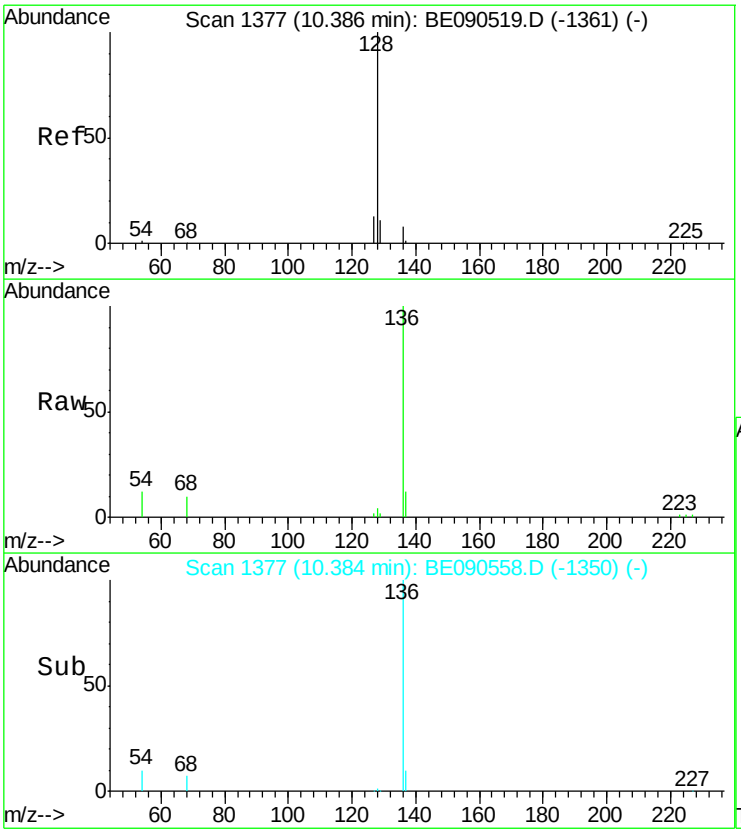
#8
Nitrobenzene
Concen: 0.01 ng
RT: 8.73 min Scan# 1093
Delta R.T. -0.03 min
Lab File: BE090558.D
Acq: 18 Aug 2015 17:33

Instrument :
BNA_E
ClientSampleId :
081515-D534-F-D-S

Tgt Ion: 77 Resp: 59

Ion	Ratio	Lower	Upper
77	100		
123	0.0	25.1	37.7#
65	42.4	9.3	13.9#

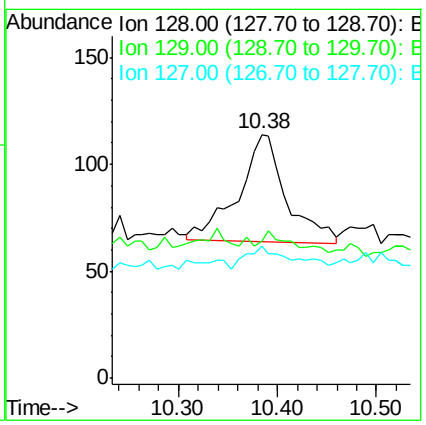


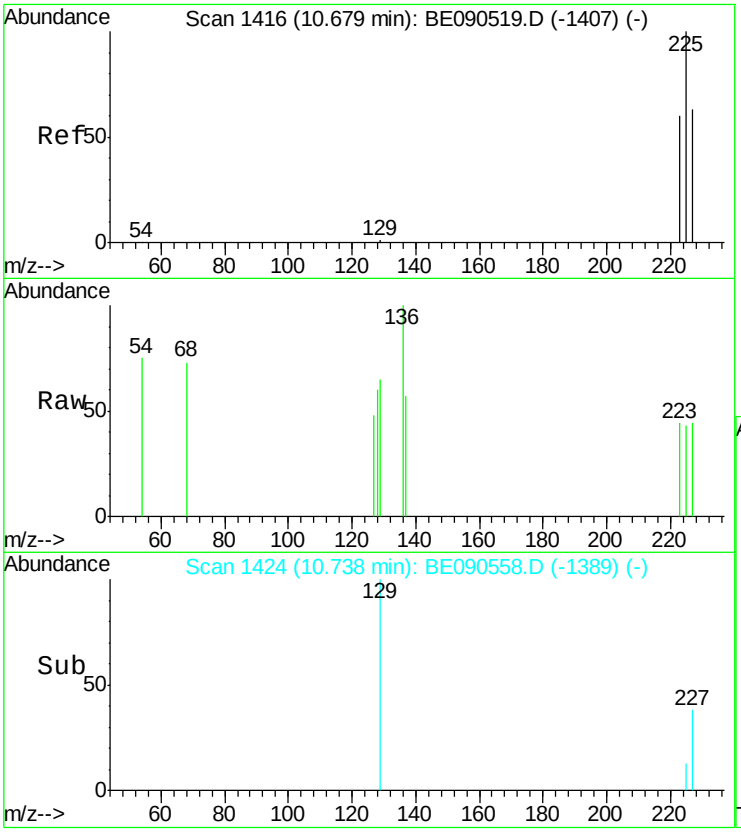


#9
Naphthalene
Concen: 0.01 ng
RT: 10.38 min Scan# 1377
Delta R.T. -0.00 min
Lab File: BE090558.D
Acq: 18 Aug 2015 17:33

Tgt Ion:128 Resp: 169

Ion	Ratio	Lower	Upper
128	100		
129	56.1	9.8	14.6#
127	54.4	10.6	16.0#



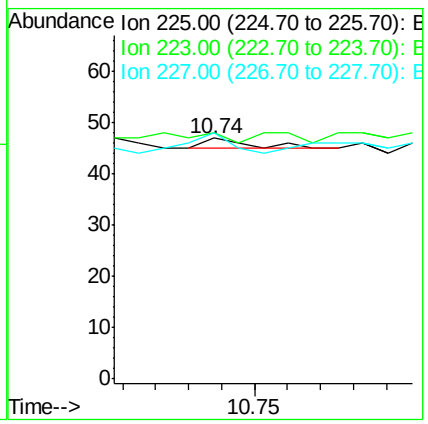


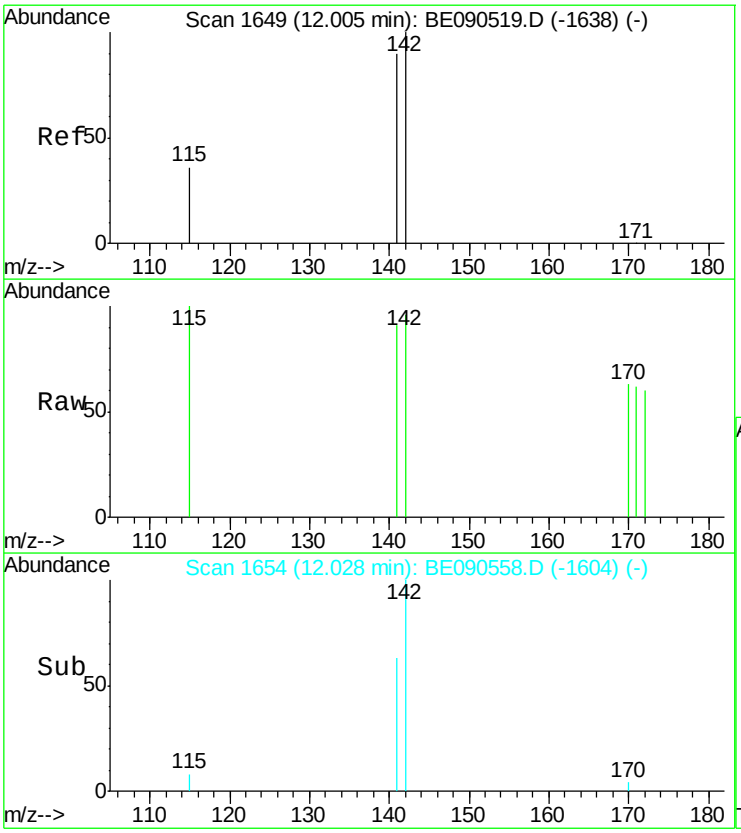
#10
Hexachlorobutadiene
Concen: 0.00 ng
RT: 10.74 min Scan# 1424
Delta R.T. 0.06 min
Lab File: BE090558.D
Acq: 18 Aug 2015 17:33

Instrument :
BNA_E
ClientSampleId :
081515-D534-F-D-S

Tgt Ion:225 Resp: 2

Ion	Ratio	Lower	Upper
225	100		
223	100.0	50.6	75.8#
227	200.0	50.7	76.1#

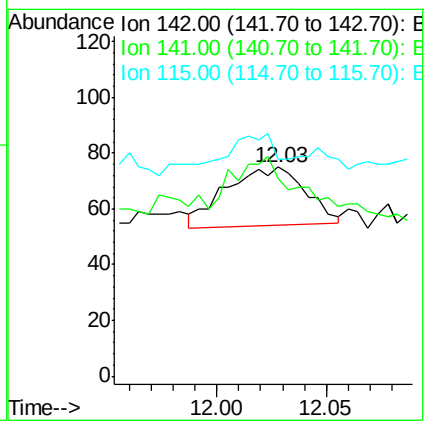


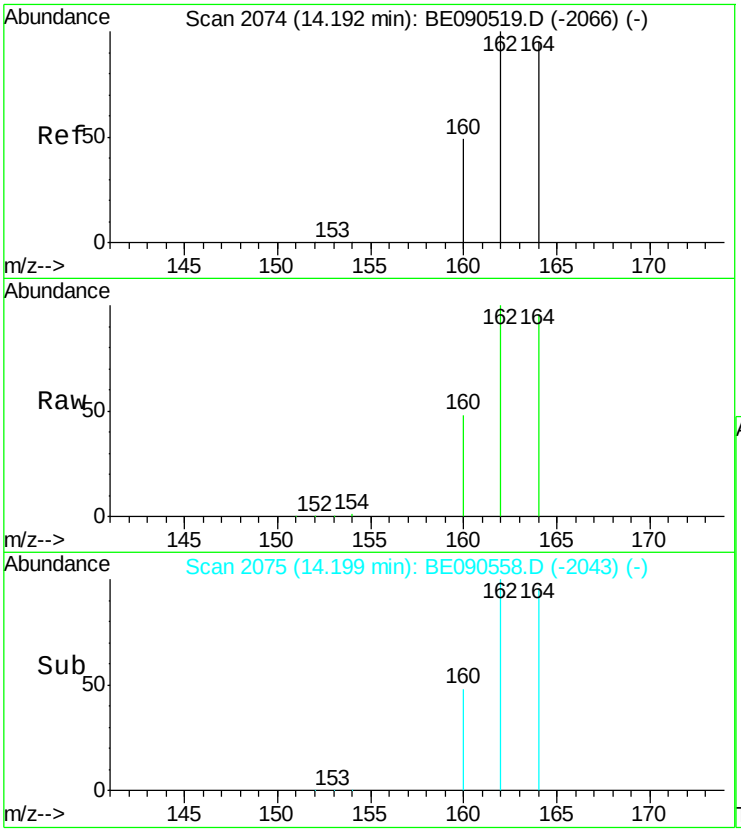


#11
2-Methylnaphthalene
Concen: 0.00 ng
RT: 12.03 min Scan# 1654
Delta R.T. 0.03 min
Lab File: BE090558.D
Acq: 18 Aug 2015 17:33

Tgt Ion:142 Resp: 53

Ion	Ratio	Lower	Upper
142	100		
141	94.7	72.6	109.0
115	104.0	31.6	47.4#



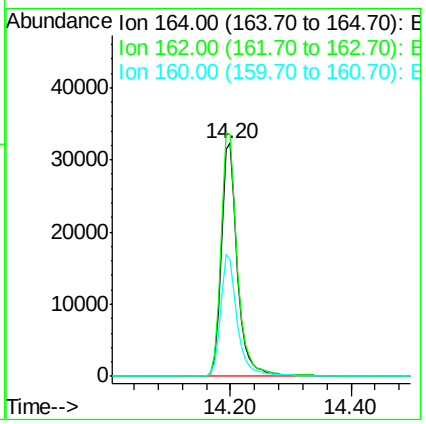


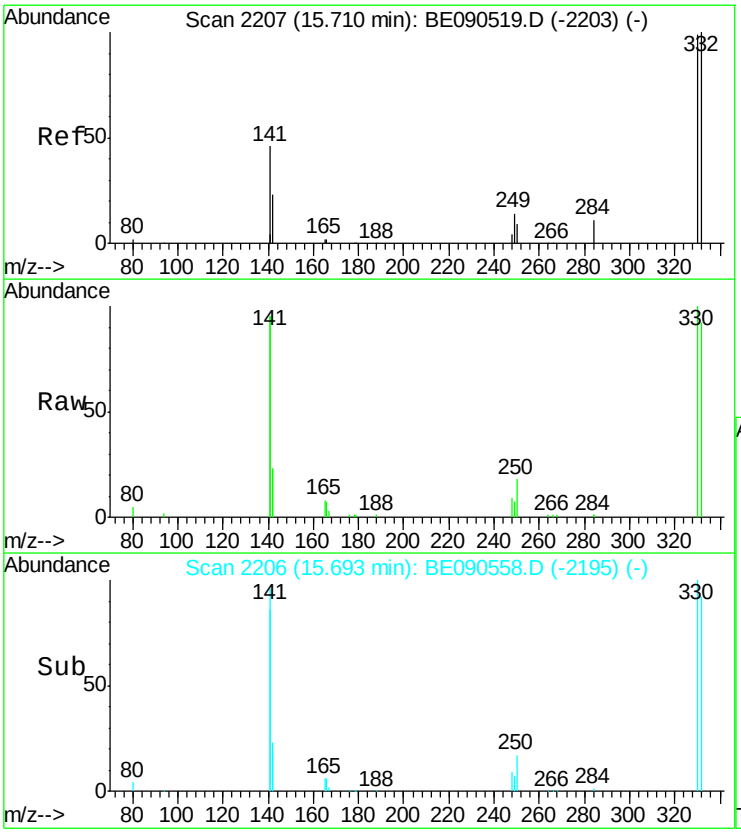
#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.20 min Scan# 2075
Delta R.T. 0.01 min
Lab File: BE090558.D
Acq: 18 Aug 2015 17:33

Instrument :
BNA_E
ClientSampleId :
081515-D534-F-D-S

Tgt Ion:164 Resp: 60609

Ion	Ratio	Lower	Upper
164	100		
162	103.8	81.8	122.8
160	50.1	44.2	66.4

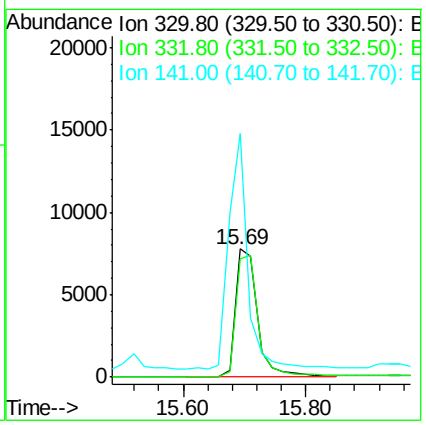


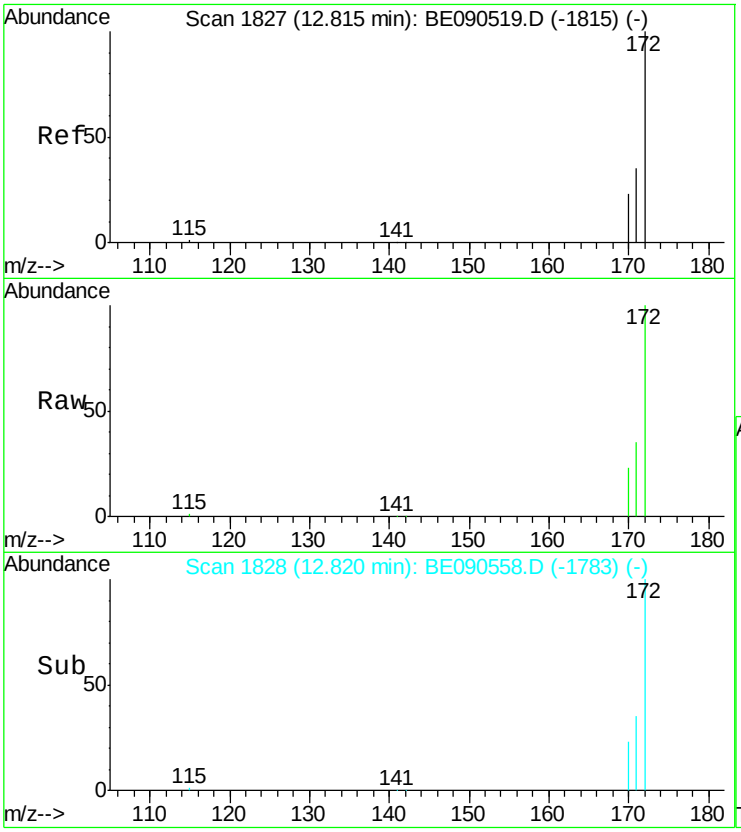


#13
2,4,6-Tribromophenol
Concen: 8.13 ng
RT: 15.69 min Scan# 2206
Delta R.T. -0.02 min
Lab File: BE090558.D
Acq: 18 Aug 2015 17:33

Tgt Ion:330 Resp: 18963

Ion	Ratio	Lower	Upper
330	100		
332	97.1	75.8	113.6
141	165.1	114.4	171.6



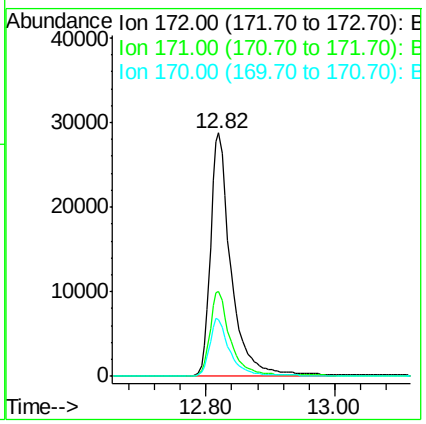


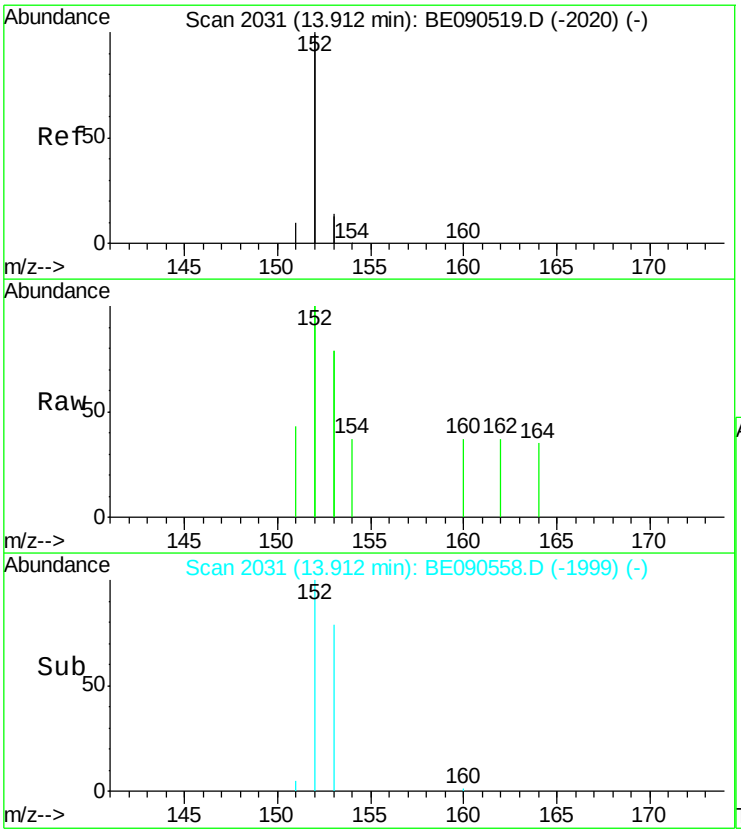
#14
2-Fluorobiphenyl
Concen: 3.52 ng
RT: 12.82 min Scan# 1828
Delta R.T. 0.00 min
Lab File: BE090558.D
Acq: 18 Aug 2015 17:33

Instrument :
BNA_E
ClientSampleId :
081515-D534-F-D-S

Tgt Ion:172 Resp: 63743

Ion	Ratio	Lower	Upper
172	100		
171	35.0	28.5	42.7
170	23.1	19.8	29.8

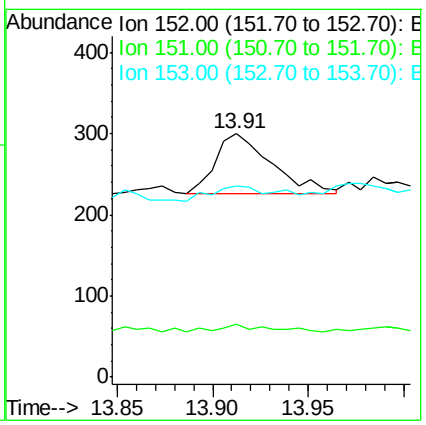


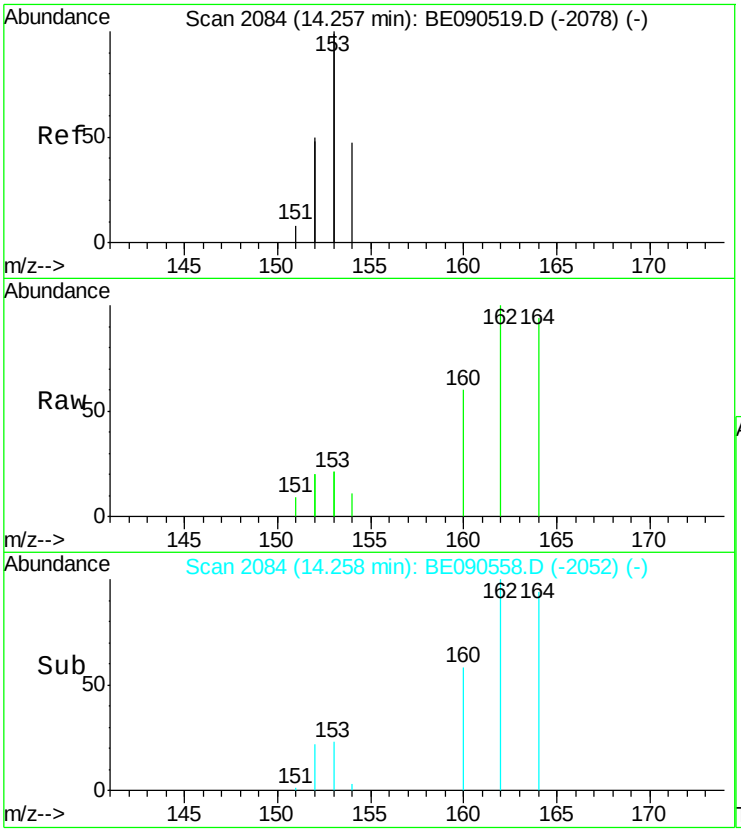


#15
Acenaphthylene
Concen: 0.00 ng
RT: 13.91 min Scan# 2031
Delta R.T. 0.01 min
Lab File: BE090558.D
Acq: 18 Aug 2015 17:33

Tgt Ion:152 Resp: 150

Ion	Ratio	Lower	Upper
152	100		
151	10.7	3.8	5.8#
153	20.7	10.3	15.5#



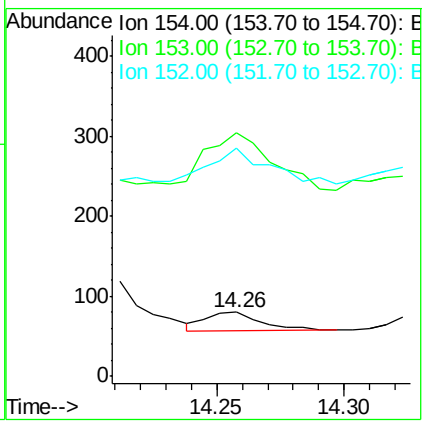


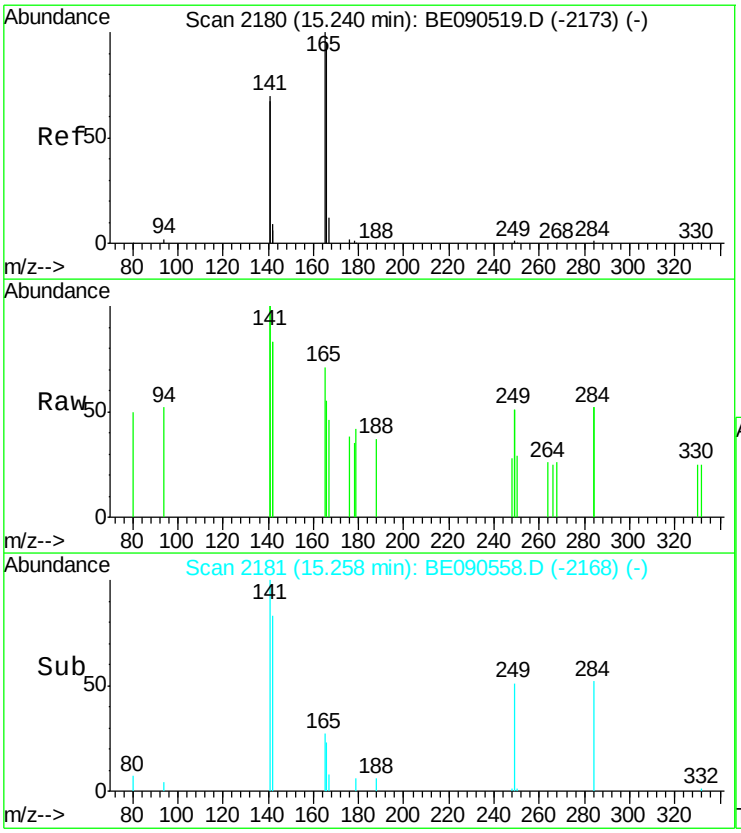
#16
Acenaphthene
Concen: 0.00 ng
RT: 14.26 min Scan# 2084
Delta R.T. 0.01 min
Lab File: BE090558.D
Acq: 18 Aug 2015 17:33

Instrument :
BNA_E
ClientSampleId :
081515-D534-F-D-S

Tgt Ion:154 Resp: 34

Ion	Ratio	Lower	Upper
154	100		
153	411.8	376.2	564.2
152	238.2	235.0	352.4

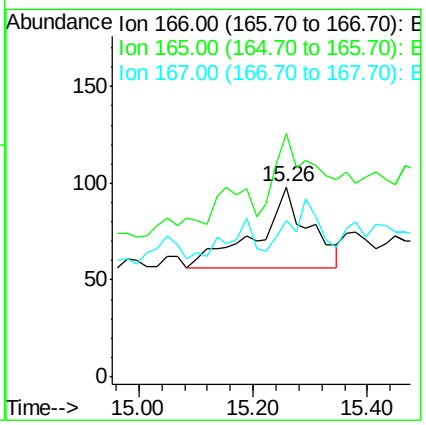


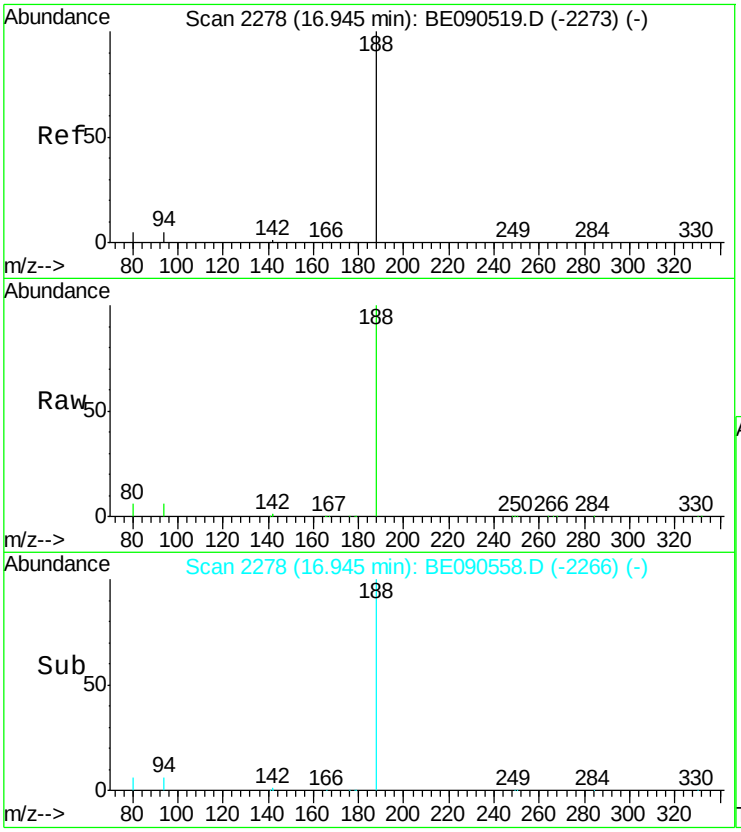


#17
Fluorene
Concen: 0.01 ng
RT: 15.26 min Scan# 2181
Delta R.T. 0.02 min
Lab File: BE090558.D
Acq: 18 Aug 2015 17:33

Tgt Ion:166 Resp: 267

Ion	Ratio	Lower	Upper
166	100		
165	76.8	81.5	122.3#
167	0.0	11.4	17.0#



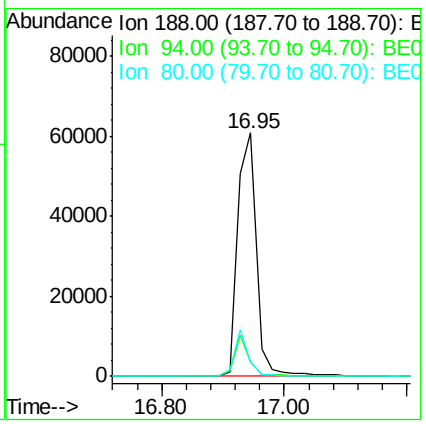


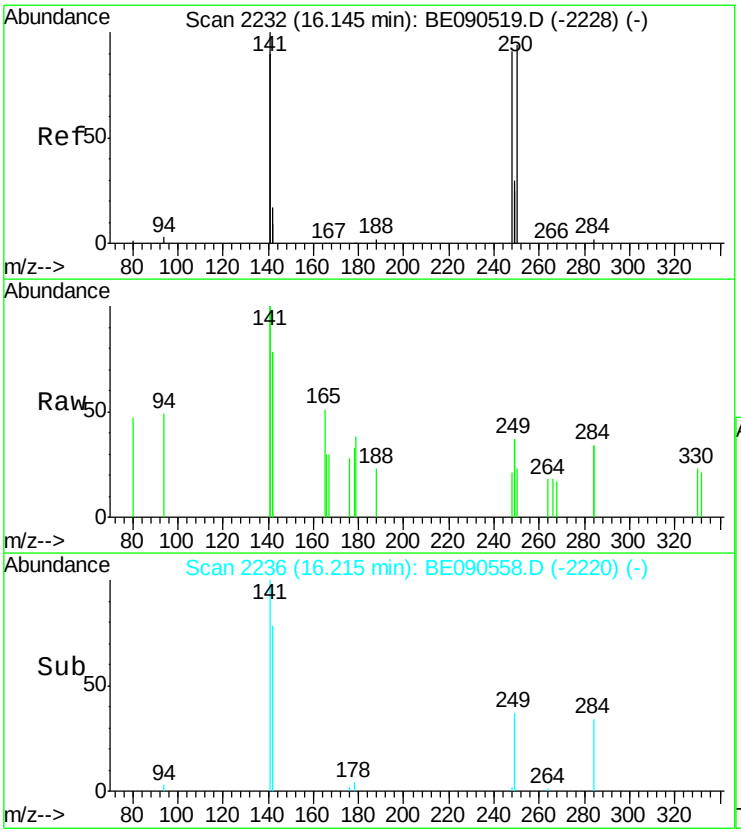
#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 16.95 min Scan# 2278
Delta R.T. 0.00 min
Lab File: BE090558.D
Acq: 18 Aug 2015 17:33

Instrument :
BNA_E
ClientSampleId :
081515-D534-F-D-S

Tgt Ion:188 Resp: 129968

Ion	Ratio	Lower	Upper
188	100		
94	5.7	5.7	8.5
80	5.7	5.8	8.8#

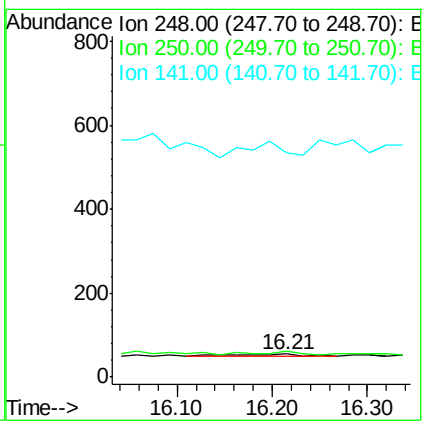


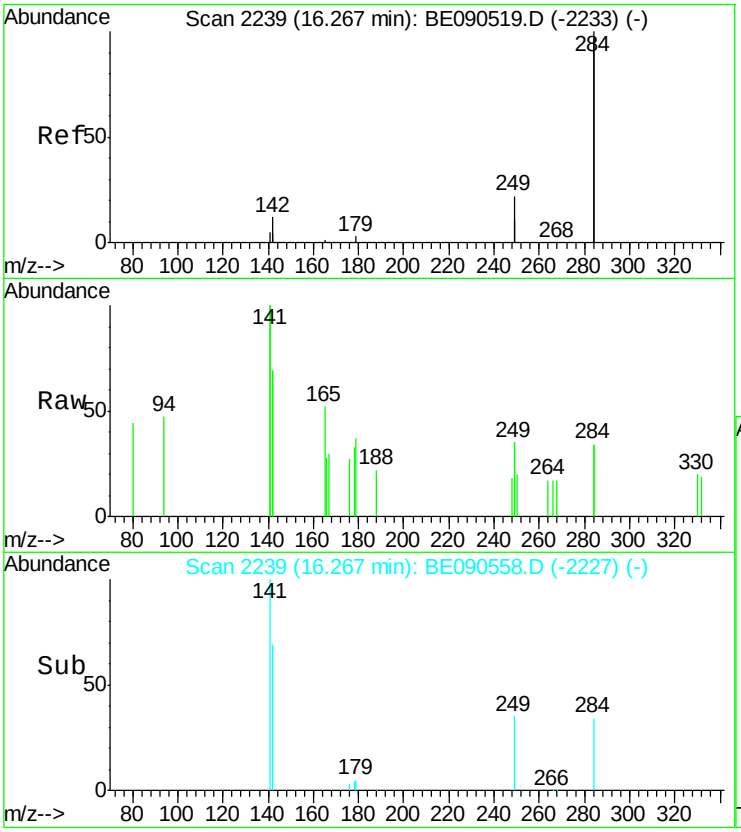


#19
4-Bromophenyl-phenylether
Concen: 0.00 ng
RT: 16.21 min Scan# 2236
Delta R.T. 0.07 min
Lab File: BE090558.D
Acq: 18 Aug 2015 17:33

Tgt Ion:248 Resp: 22

Ion	Ratio	Lower	Upper
248	100		
250	104.5	79.0	118.6
141	472.7	239.5	359.3#



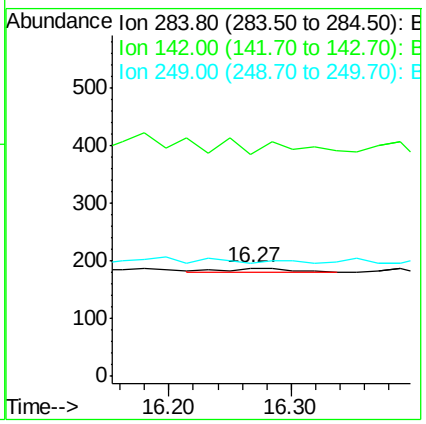


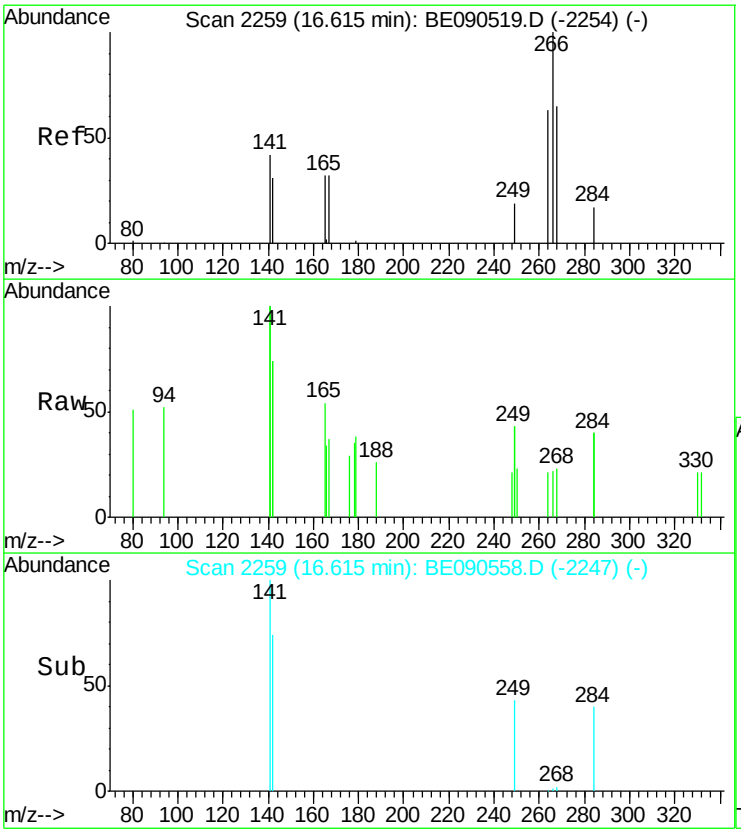
#20
Hexachlorobenzene
Concen: 0.00 ng
RT: 16.27 min Scan# 2239
Delta R.T. 0.00 min
Lab File: BE090558.D
Acq: 18 Aug 2015 17:33

Instrument :
BNA_E
ClientSampleId :
081515-D534-F-D-S

Tgt Ion:284 Resp: 25

Ion	Ratio	Lower	Upper
284	100		
142	0.0	30.1	45.1#
249	0.0	25.7	38.5#

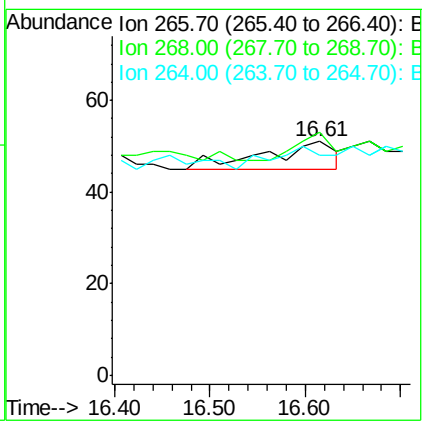


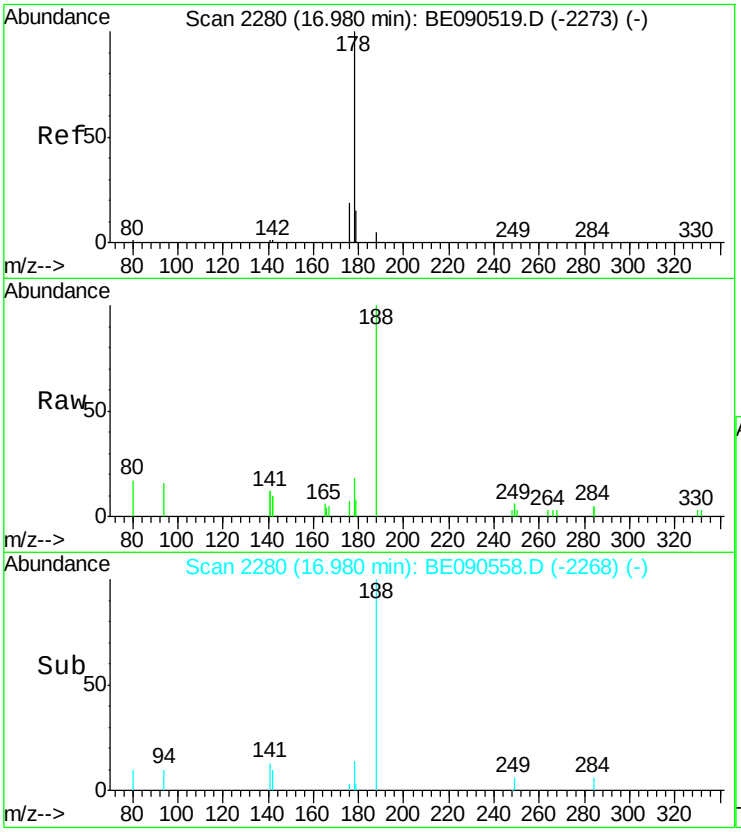


#21
Pentachlorophenol
Concen: 0.31 ng
RT: 16.61 min Scan# 2259
Delta R.T. 0.00 min
Lab File: BE090558.D
Acq: 18 Aug 2015 17:33

Tgt Ion:266 Resp: 31

Ion	Ratio	Lower	Upper
266	100		
268	103.9	58.5	87.7#
264	94.1	56.0	84.0#



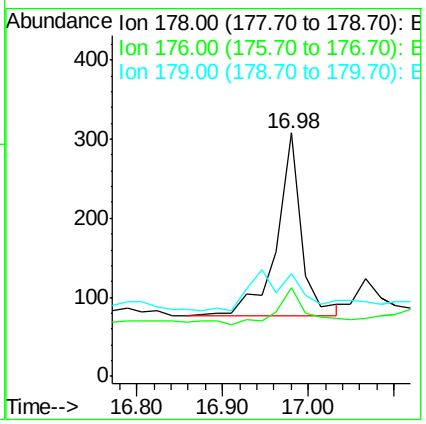


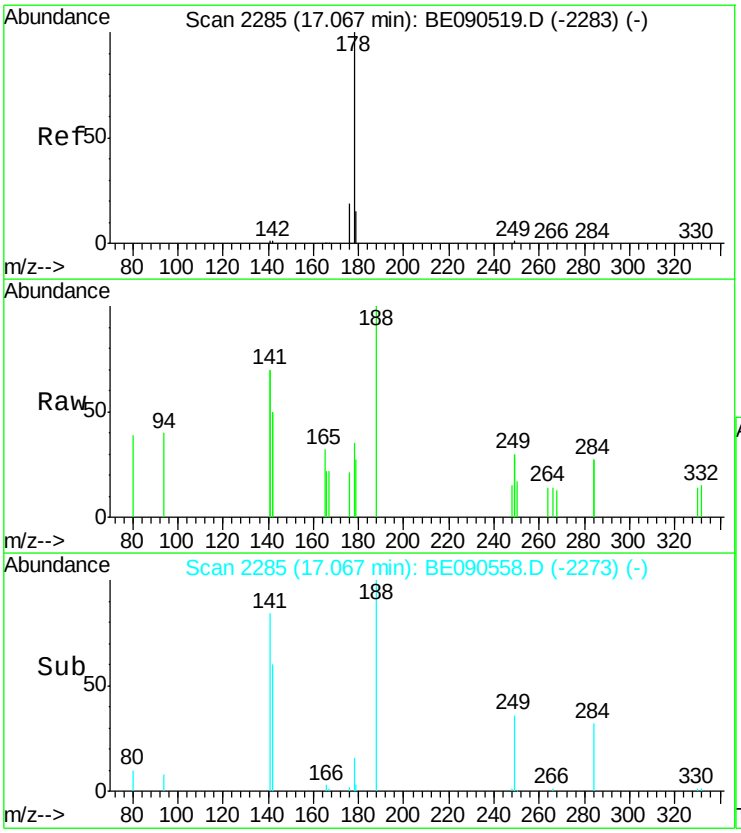
#22
Phenanthrene
Concen: 0.01 ng
RT: 16.98 min Scan# 2280
Delta R.T. 0.00 min
Lab File: BE090558.D
Acq: 18 Aug 2015 17:33

Instrument :
BNA_E
ClientSampleId :
081515-D534-F-D-S

Tgt Ion:178 Resp: 477

Ion	Ratio	Lower	Upper
178	100		
176	23.9	15.4	23.2#
179	0.0	12.5	18.7#

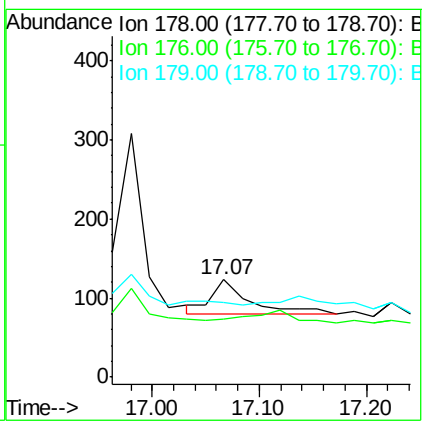


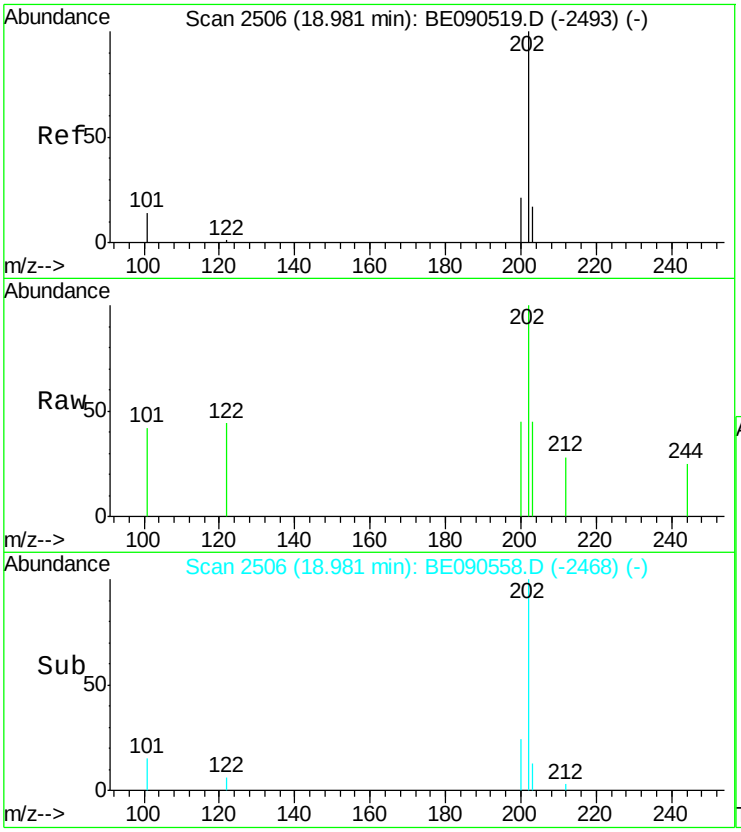


#23
Anthracene
Concen: 0.00 ng
RT: 17.07 min Scan# 2285
Delta R.T. 0.00 min
Lab File: BE090558.D
Acq: 18 Aug 2015 17:33

Tgt Ion:178 Resp: 106

Ion	Ratio	Lower	Upper
178	100		
176	0.0	14.9	22.3#
179	0.0	12.2	18.4#



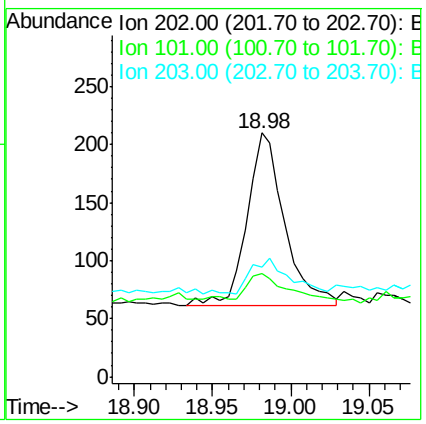


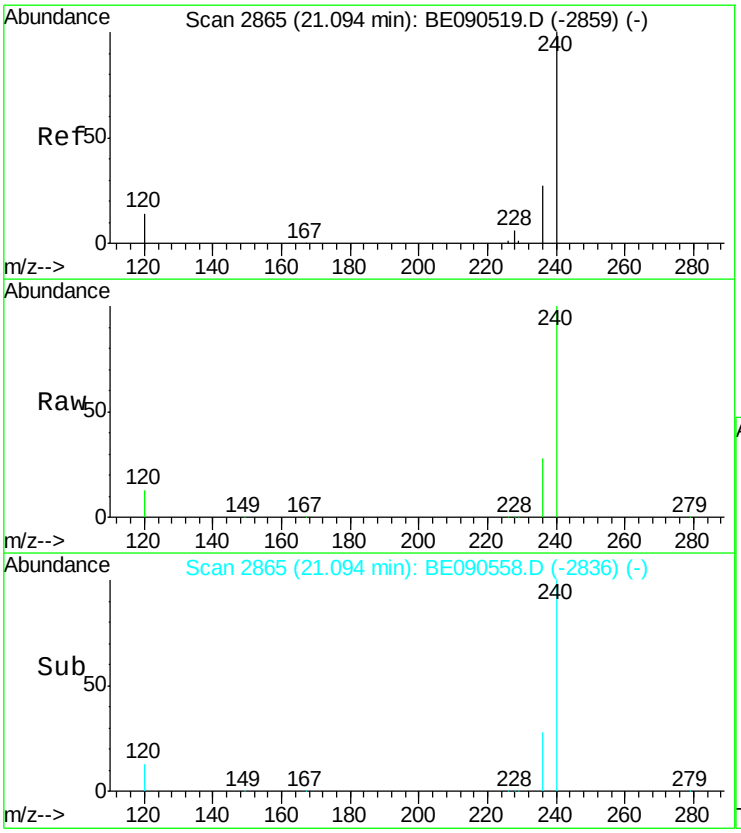
#24
Fluoranthene
Concen: 0.01 ng
RT: 18.98 min Scan# 2506
Delta R.T. 0.00 min
Lab File: BE090558.D
Acq: 18 Aug 2015 17:33

Instrument :
BNA_E
ClientSampleId :
081515-D534-F-D-S

Tgt Ion:202 Resp: 252

Ion	Ratio	Lower	Upper
202	100		
101	20.6	10.3	15.5#
203	19.4	13.7	20.5

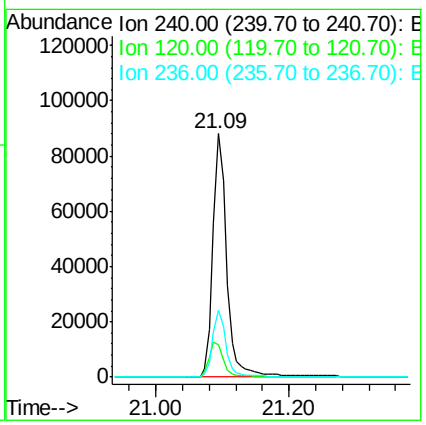


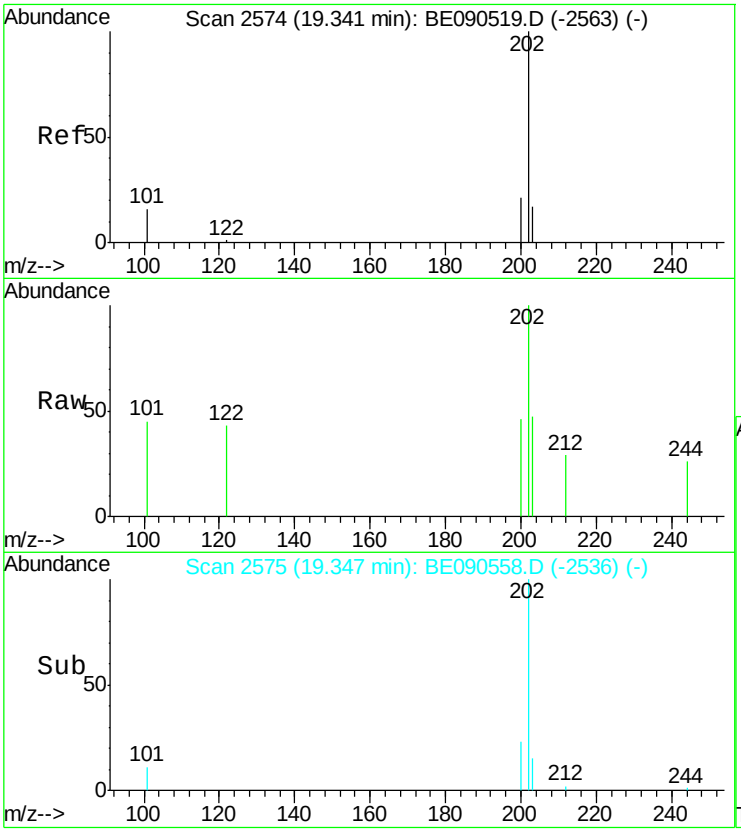


#25
Chrysene-d12
Concen: 5.00 ng
RT: 21.09 min Scan# 2865
Delta R.T. -0.00 min
Lab File: BE090558.D
Acq: 18 Aug 2015 17:33

Tgt Ion:240 Resp: 125383

Ion	Ratio	Lower	Upper
240	100		
120	13.4	8.3	12.5#
236	27.6	21.0	31.4



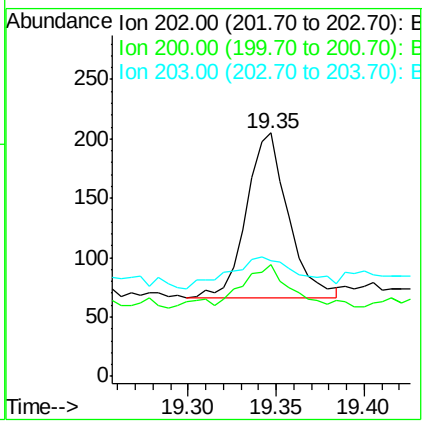


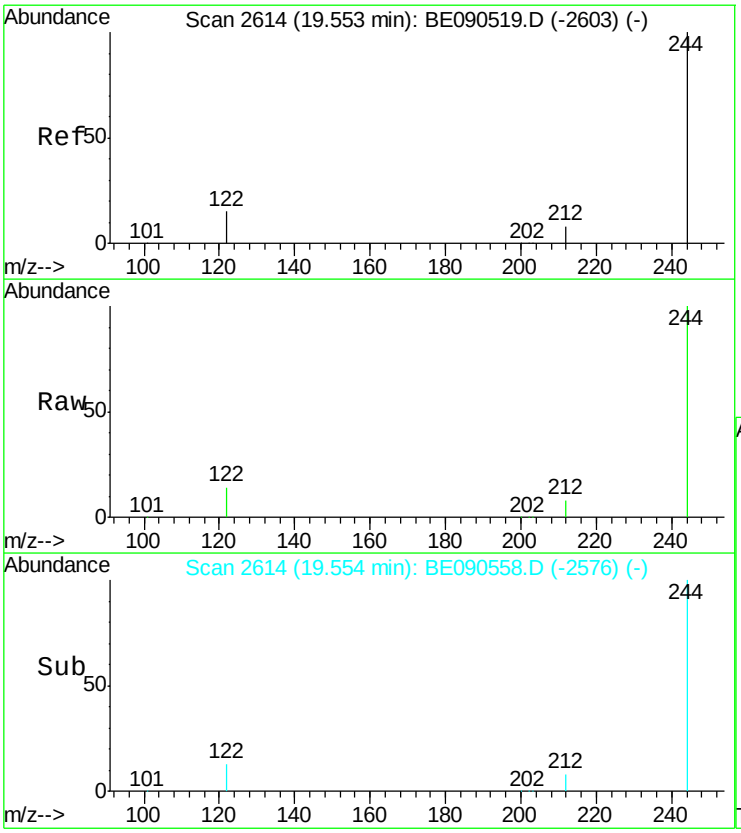
#26
Pyrene
Concen: 0.01 ng
RT: 19.35 min Scan# 2575
Delta R.T. 0.01 min
Lab File: BE090558.D
Acq: 18 Aug 2015 17:33

Instrument :
BNA_E
ClientSampleId :
081515-D534-F-D-S

Tgt Ion:202 Resp: 231

Ion	Ratio	Lower	Upper
202	100		
200	29.0	16.7	25.1#
203	31.2	13.8	20.8#

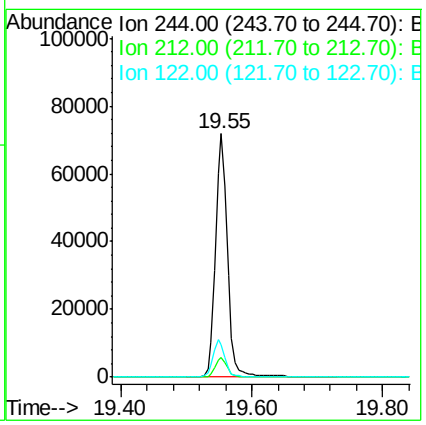


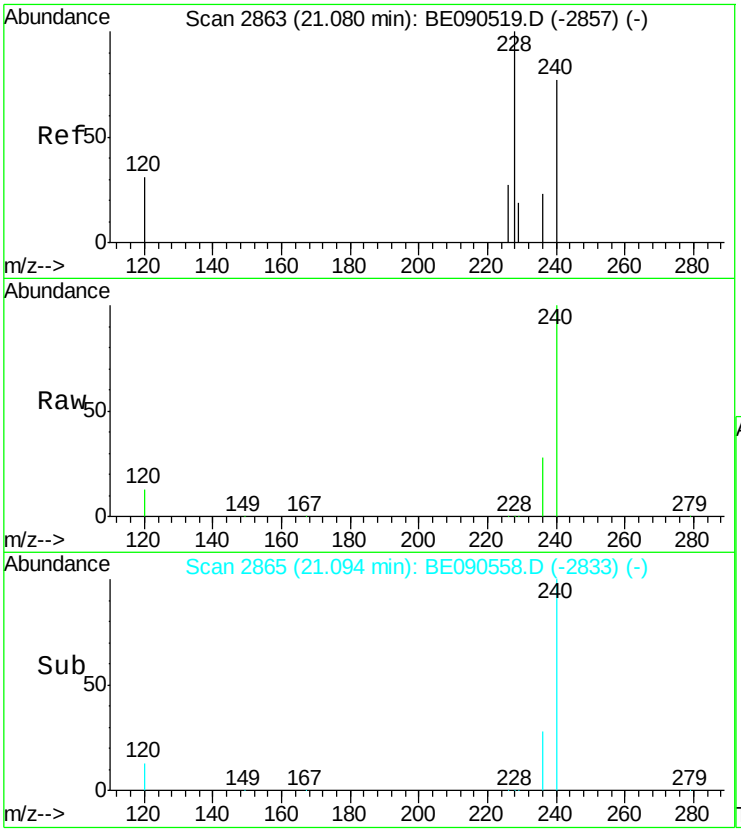


#27
Terphenyl-d14
Concen: 4.03 ng
RT: 19.55 min Scan# 2614
Delta R.T. 0.00 min
Lab File: BE090558.D
Acq: 18 Aug 2015 17:33

Tgt Ion:244 Resp: 92474

Ion	Ratio	Lower	Upper
244	100		
212	8.0	6.6	9.8
122	13.5	10.2	15.4



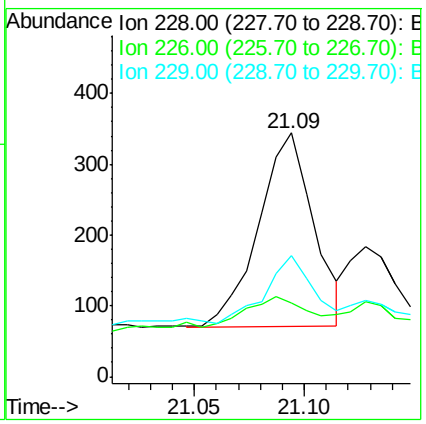


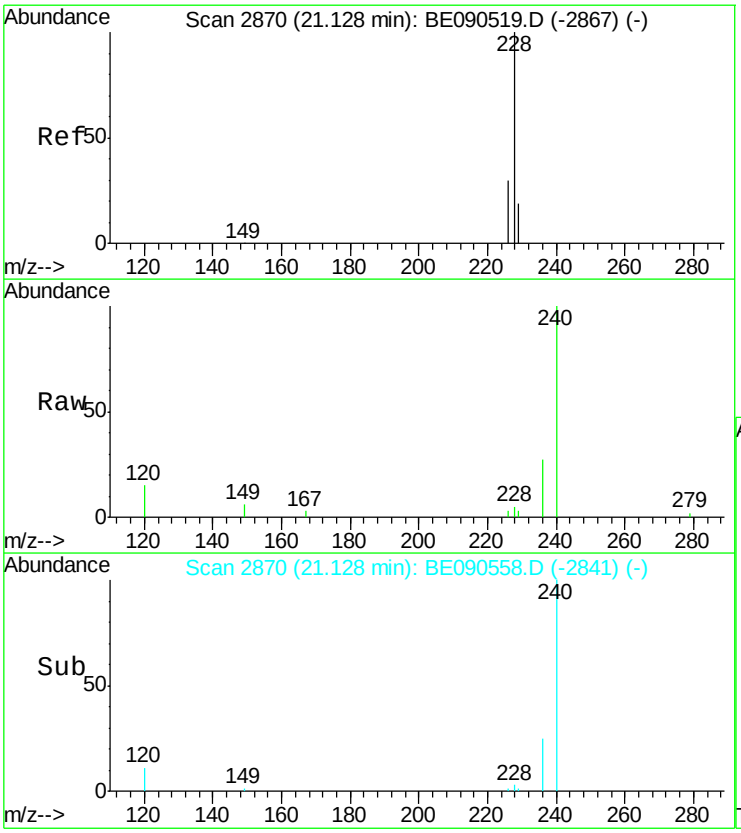
#28
Benzo(a)anthracene
Concen: 0.01 ng
RT: 21.09 min Scan# 2865
Delta R.T. 0.02 min
Lab File: BE090558.D
Acq: 18 Aug 2015 17:33

Instrument :
BNA_E
ClientSampleId :
081515-D534-F-D-S

Tgt Ion:228 Resp: 478

Ion	Ratio	Lower	Upper
228	100		
226	30.2	21.9	32.9
229	49.7	15.4	23.0#

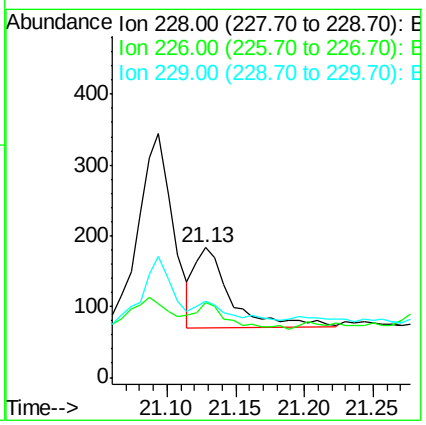


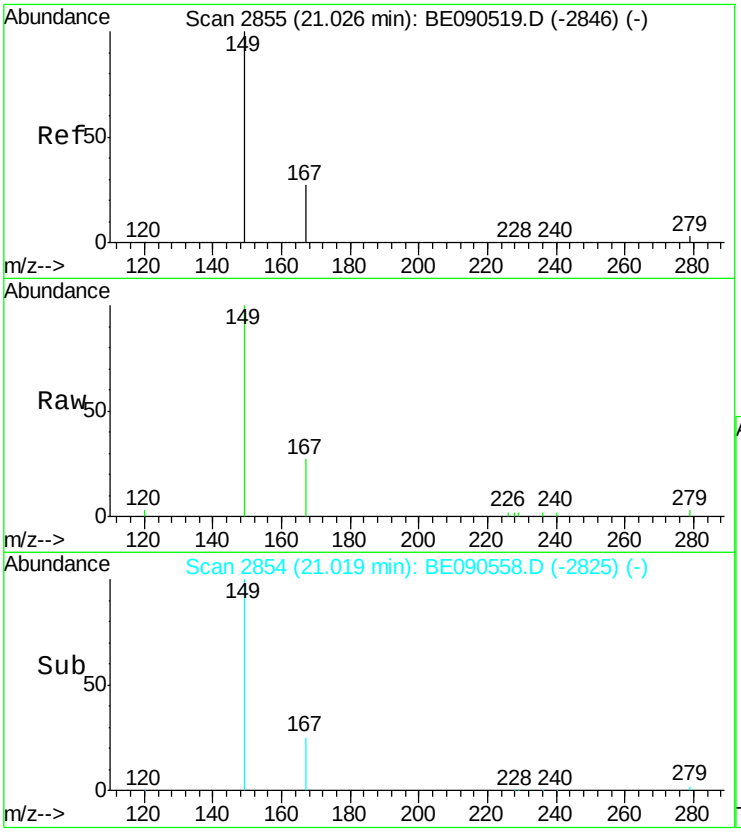


#29
Chrysene
Concen: 0.01 ng
RT: 21.13 min Scan# 2870
Delta R.T. -0.00 min
Lab File: BE090558.D
Acq: 18 Aug 2015 17:33

Tgt Ion:228 Resp: 206

Ion	Ratio	Lower	Upper
228	100		
226	57.4	23.1	34.7#
229	58.5	15.8	23.8#



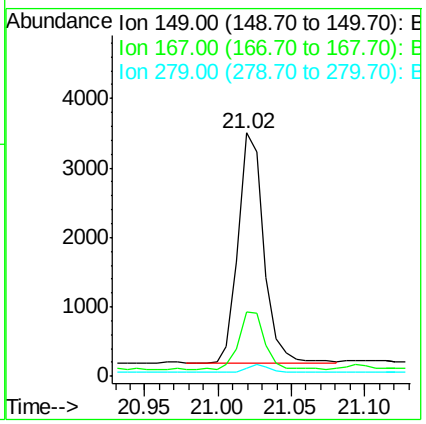


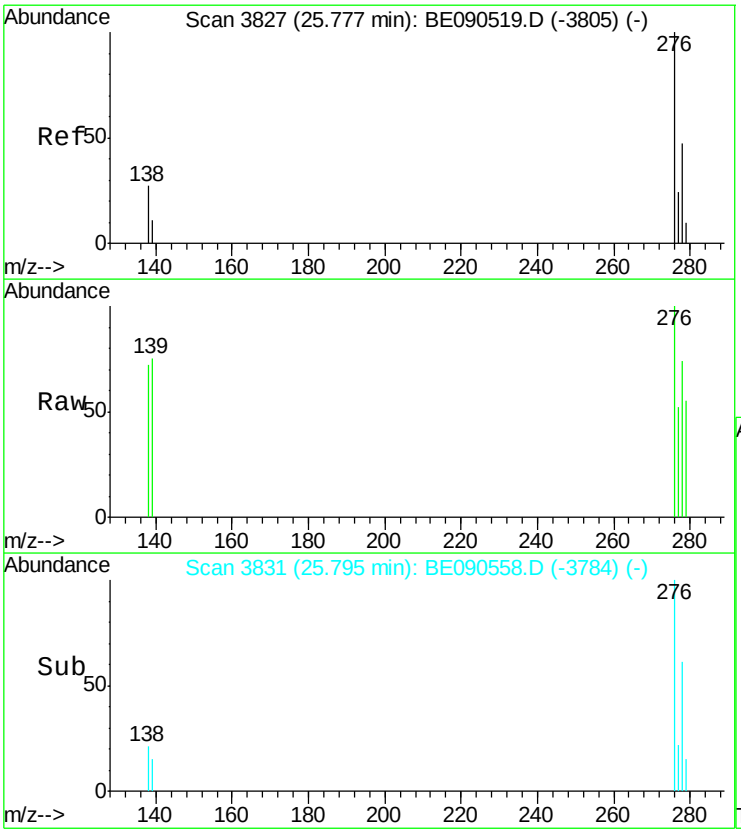
#30
Bis(2-ethylhexyl)phthalate
Concen: 0.34 ng
RT: 21.02 min Scan# 2854
Delta R.T. -0.00 min
Lab File: BE090558.D
Acq: 18 Aug 2015 17:33

Instrument :
BNA_E
ClientSampleId :
081515-D534-F-D-S

Tgt Ion:149 Resp: 4062

Ion	Ratio	Lower	Upper
149	100		
167	24.5	19.8	29.8
279	3.5	2.4	3.6

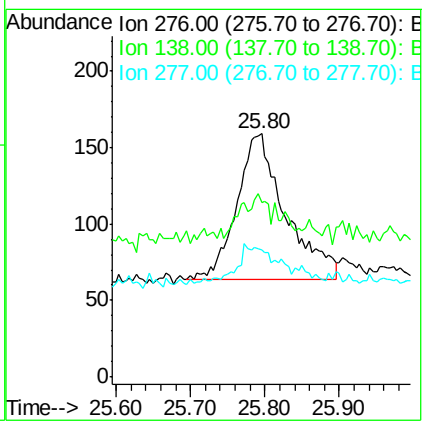


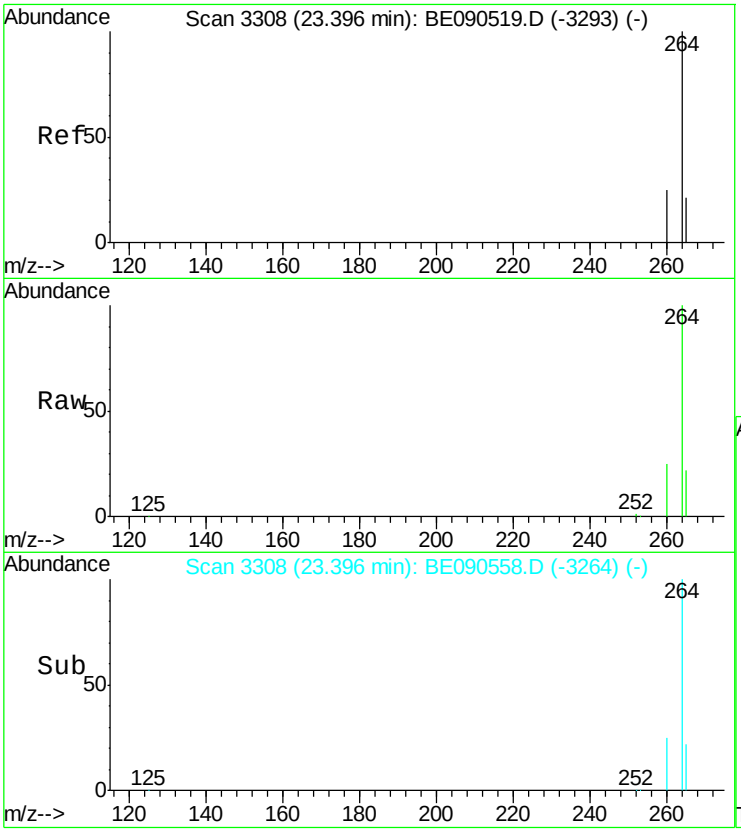


#31
Indeno(1,2,3-cd)pyrene
Concen: 0.01 ng
RT: 25.80 min Scan# 3831
Delta R.T. 0.01 min
Lab File: BE090558.D
Acq: 18 Aug 2015 17:33

Tgt Ion:276 Resp: 431

Ion	Ratio	Lower	Upper
276	100		
138	5.6	18.8	28.2#
277	0.0	18.2	27.4#



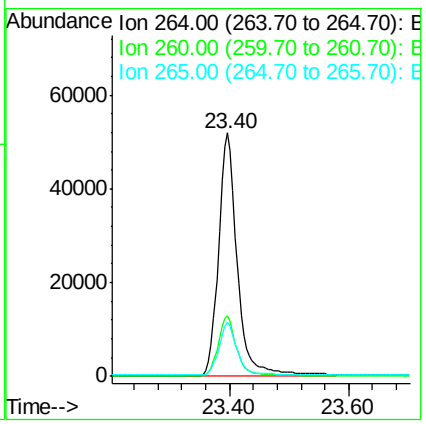


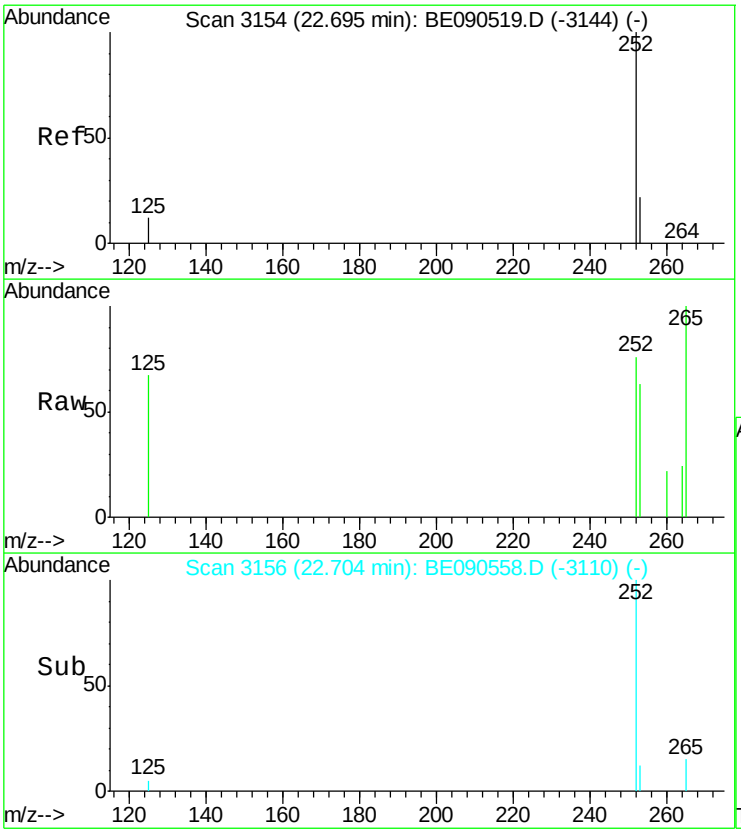
#32
Perylene-d12
Concen: 5.00 ng
RT: 23.40 min Scan# 3308
Delta R.T. 0.00 min
Lab File: BE090558.D
Acq: 18 Aug 2015 17:33

Instrument :
BNA_E
ClientSampleId :
081515-D534-F-D-S

Tgt Ion:264 Resp: 114377

Ion	Ratio	Lower	Upper
264	100		
260	24.9	20.1	30.1
265	22.1	17.2	25.8

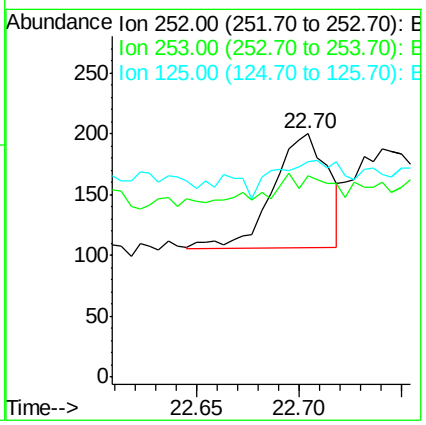


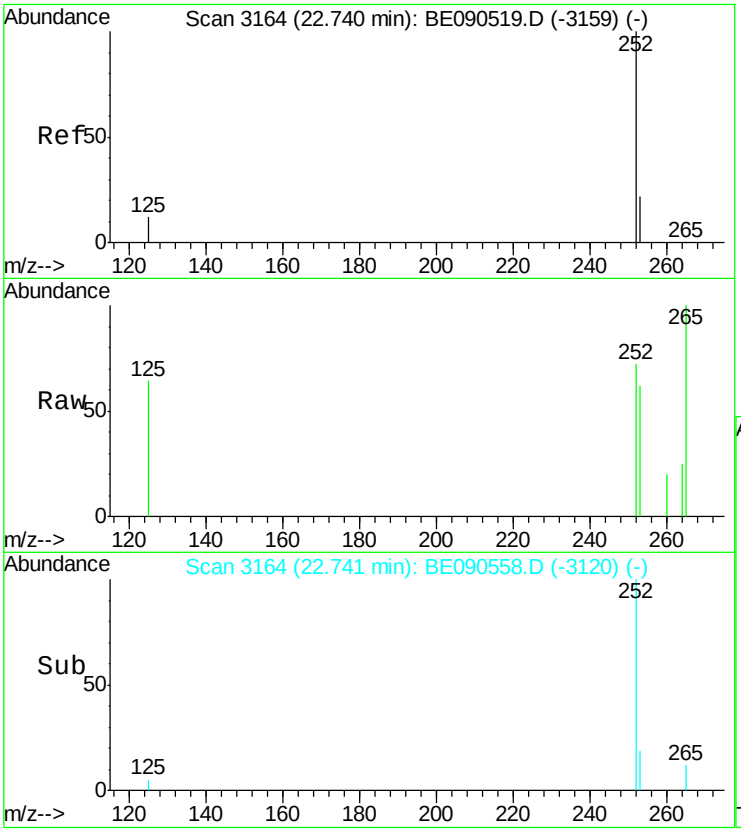


#33
Benzo(b)fluoranthene
Concen: 0.01 ng
RT: 22.70 min Scan# 3156
Delta R.T. 0.01 min
Lab File: BE090558.D
Acq: 18 Aug 2015 17:33

Tgt Ion:252 Resp: 176

Ion	Ratio	Lower	Upper
252	100		
253	82.5	18.1	27.1#
125	88.5	9.4	14.2#



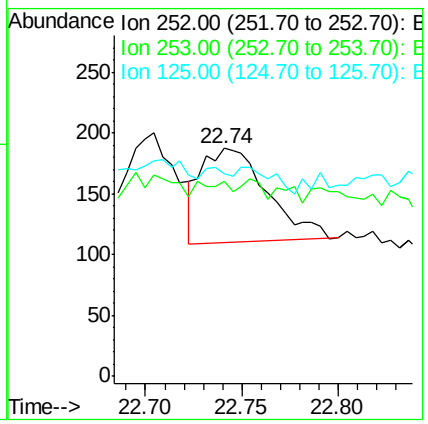


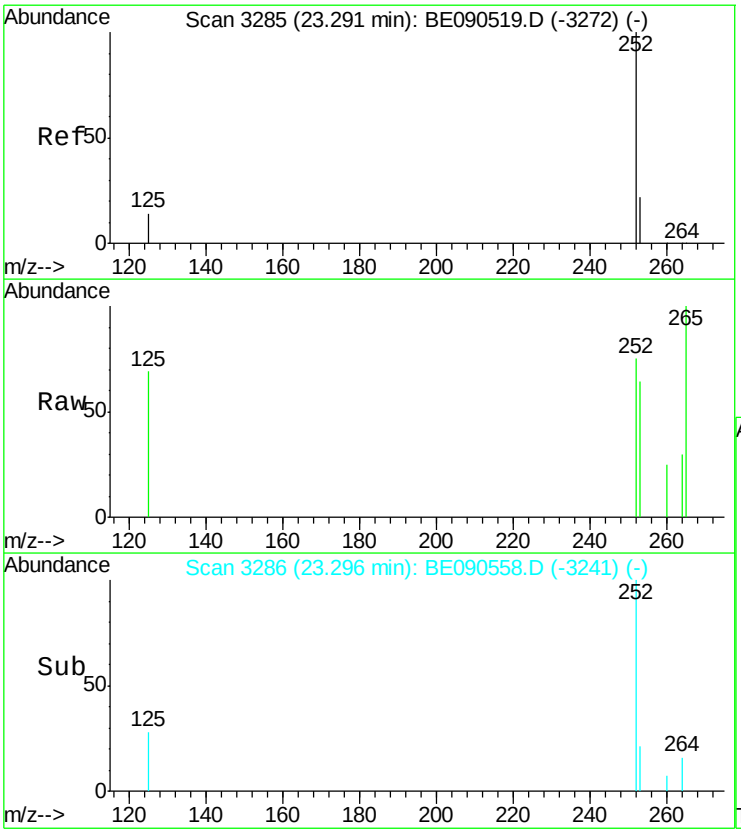
#34
Benzo(k)fluoranthene
Concen: 0.01 ng
RT: 22.74 min Scan# 3164
Delta R.T. 0.00 min
Lab File: BE090558.D
Acq: 18 Aug 2015 17:33

Instrument :
BNA_E
ClientSampleId :
081515-D534-F-D-S

Tgt Ion:252 Resp: 182

Ion	Ratio	Lower	Upper
252	100		
253	85.6	18.1	27.1#
125	88.8	9.1	13.7#

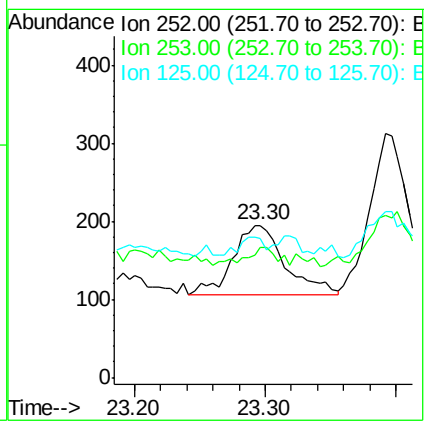


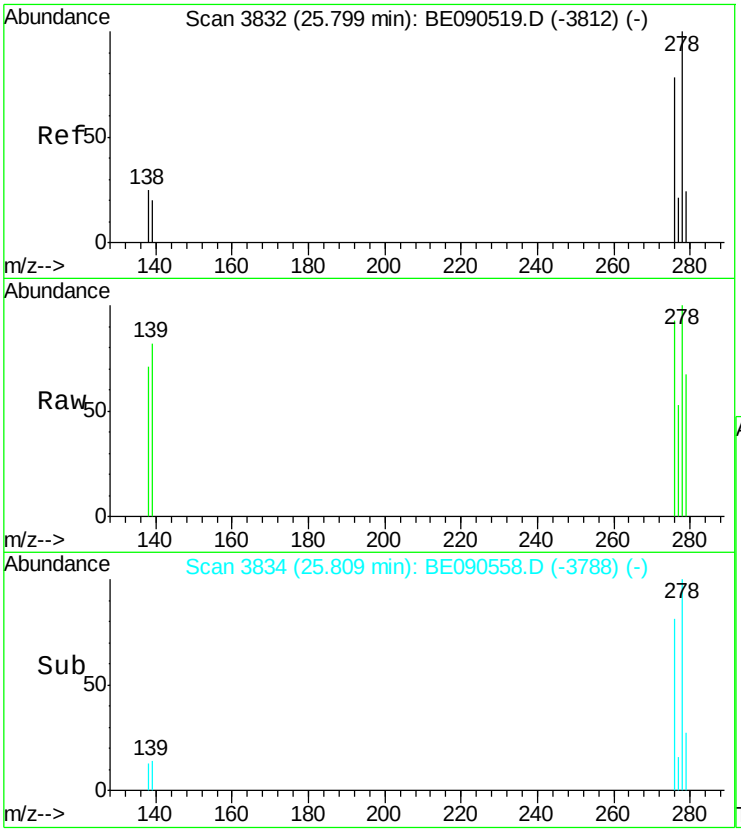


#35
Benzo(a)pyrene
Concen: 0.01 ng
RT: 23.30 min Scan# 3286
Delta R.T. 0.00 min
Lab File: BE090558.D
Acq: 18 Aug 2015 17:33

Tgt Ion:252 Resp: 245

Ion	Ratio	Lower	Upper
252	100		
253	85.1	17.6	26.4#
125	91.3	9.8	14.6#



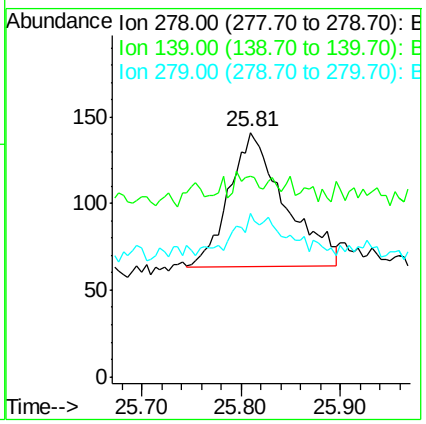


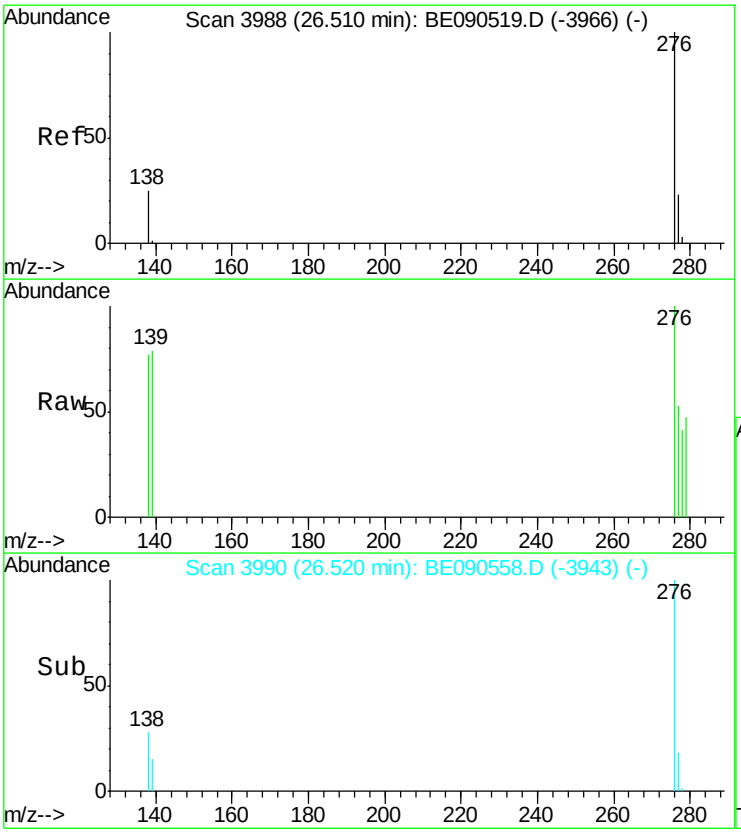
#36
Dibenzo(a,h)anthracene
Concen: 0.01 ng
RT: 25.81 min Scan# 3834
Delta R.T. 0.01 min
Lab File: BE090558.D
Acq: 18 Aug 2015 17:33

Instrument :
BNA_E
ClientSampleId :
081515-D534-F-D-S

Tgt Ion:278 Resp: 305

Ion	Ratio	Lower	Upper
278	100		
139	82.3	14.2	21.4#
279	66.7	20.1	30.1#





#37
Benzo(g,h,i)perylene
Concen: 0.01 ng
RT: 26.52 min Scan# 3990
Delta R.T. 0.01 min
Lab File: BE090558.D
Acq: 18 Aug 2015 17:33

Tgt Ion:276 Resp: 346

Ion	Ratio	Lower	Upper
276	100		
277	52.7	20.1	30.1#
138	77.3	18.1	27.1#