Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE011416\
Data File : BE091355.D
Acq On : 14 Jan 2016 17:47
Operator : UM/IZ
Sample : SSTDICC0.1
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDICC0.1

Quant Time: Jan 14 22:23:16 2016
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE011416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 14 22:19:19 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	26334	5.00	ng		0.00
7) Naphthalene-d8	9.55	136	117788	5.00	ng		0.00
13) Acenaphthene-d10	13.36	164	54788	5.00	ng		0.00
19) Phenanthrene-d10	16.08	188	172832	5.00	ng		0.00
26) Chrysene-d12	20.22	240	135891	5.00	ng		0.00
35) Perylene-d12	22.10	264	120311	5.00	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	4.97	112	4	0.00	ng		0.02
5) Phenol-d6	6.56	99	8	0.00	ng		-0.01
8) Nitrobenzene-d5	8.12	82	10	0.00	ng		-0.04
14) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng		
15) 2-Fluorobiphenyl	12.05	172	974	0.07	ng		0.04
29) Terphenyl-d14	18.64	244	982	0.06	ng		0.02
Target Compounds							Qvalue
6) bis(2-Chloroethyl)ether	6.67	93	169	0.02	ng	#	58
10) Naphthalene	9.60	128	2615	0.10	ng	#	89
11) Hexachlorobutadiene	9.83	225	439	0.10	ng		98
12) 2-Methylnaphthalene	11.20	142	759	0.05	ng	#	89
16) Acenaphthylene	13.12	152	5306	0.06	ng		98
17) Acenaphthene	13.42	154	1482	0.10	ng		94
18) Fluorene	14.44	166	1335	0.07	ng		97
20) 4-Bromophenyl-phenylether	15.27	248	355	0.06	ng		99
21) Hexachlorobenzene	15.35	284	749	0.02	ng		98
23) Phenanthrene	16.21	178	1720	0.04	ng		98
24) Anthracene	16.21	178	2219	0.06	ng	#	96
25) Fluoranthene	18.12	202	1856	0.04	ng		96
28) Pyrene	18.50	202	1620	0.05	ng		98
30) Benzo(a)anthracene	20.25	228	3904	0.13	ng		95
31) 3,3'-Dichlorobenzidine	20.29	252	160	0.03	ng	#	70
32) Chrysene	20.25	228	3986	0.10	ng		96
33) Bis(2-ethylhexyl)phthalate	19.90	149	566	0.05	ng	#	94
36) Benzo(b)fluoranthene	21.56	252	1411	0.05	ng	#	86
37) Benzo(k)fluoranthene	21.58	252	1615	0.05	ng	#	87
38) Benzo(a)pyrene	22.01	252	1280	0.05	ng	#	76
39) Dibenzo(a,h)anthracene	23.68	278	1115	0.05	ng	#	65
40) Benzo(g,h,i)perylene	24.27	276	1604	0.06	ng	#	80

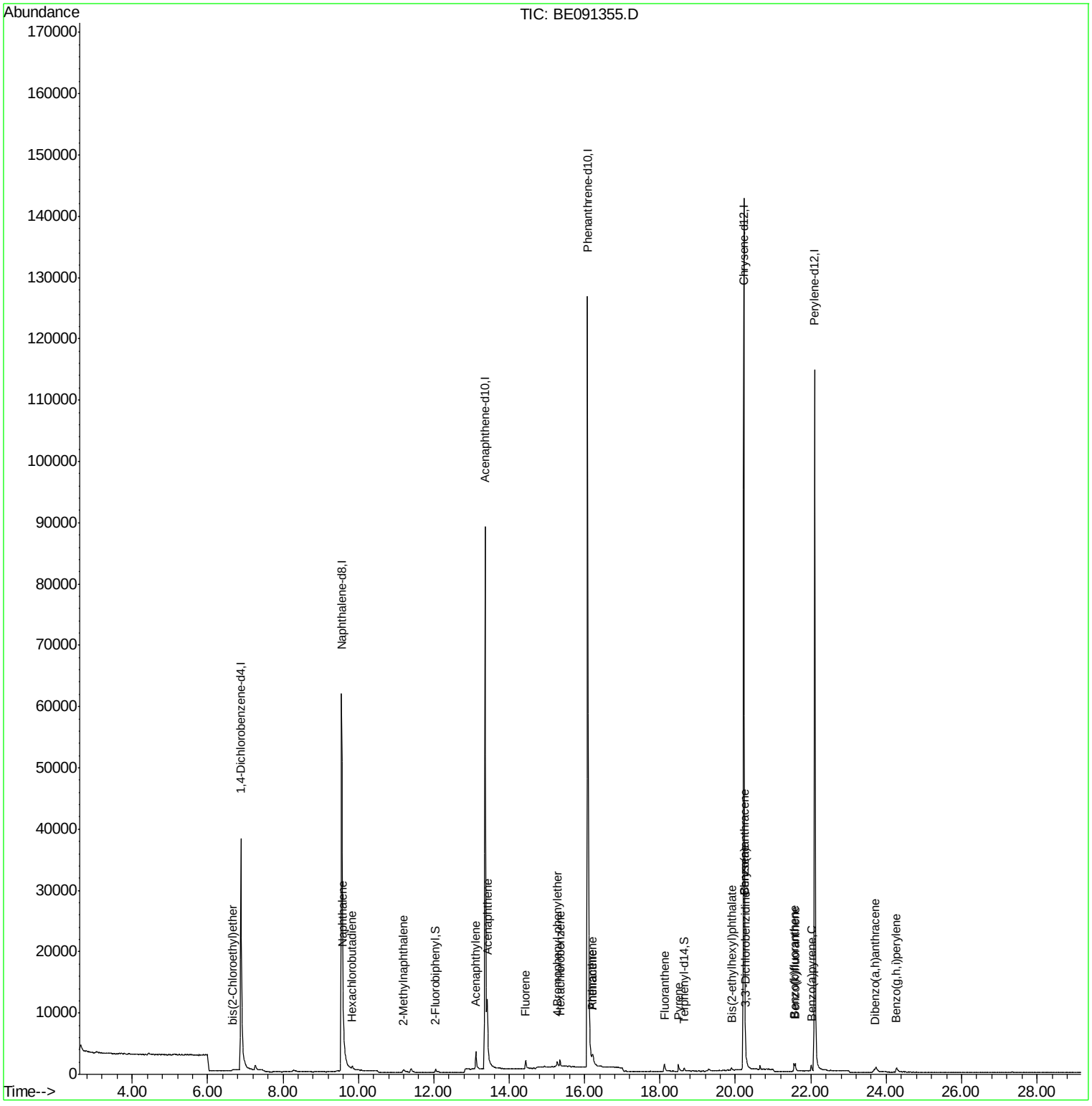
(#) = qualifier out of range (m) = manual integration (+) = signals summed

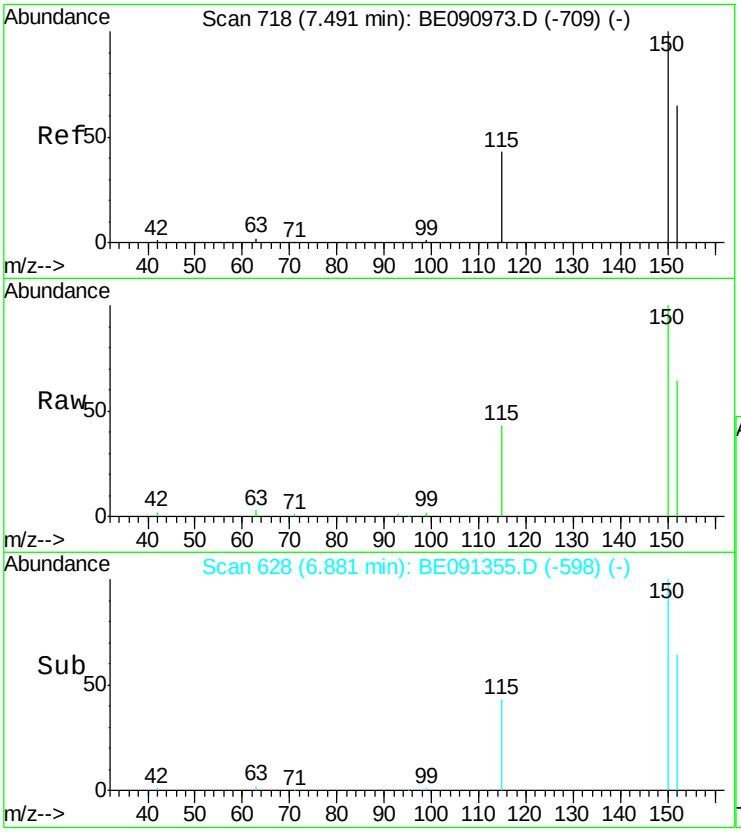
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE011416\
Data File : BE091355.D
Acq On : 14 Jan 2016 17:47
Operator : UM/IZ
Sample : SSTDICC0.1
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Quant Time: Jan 14 22:23:16 2016
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE011416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 14 22:19:19 2016
Response via : Initial Calibration



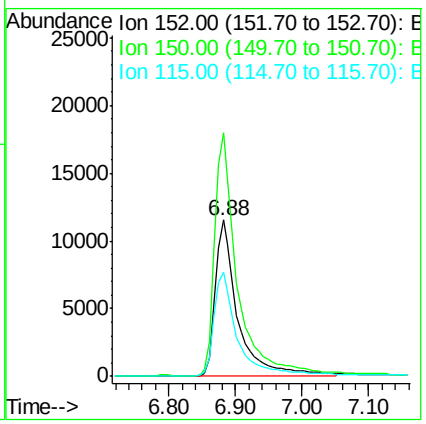


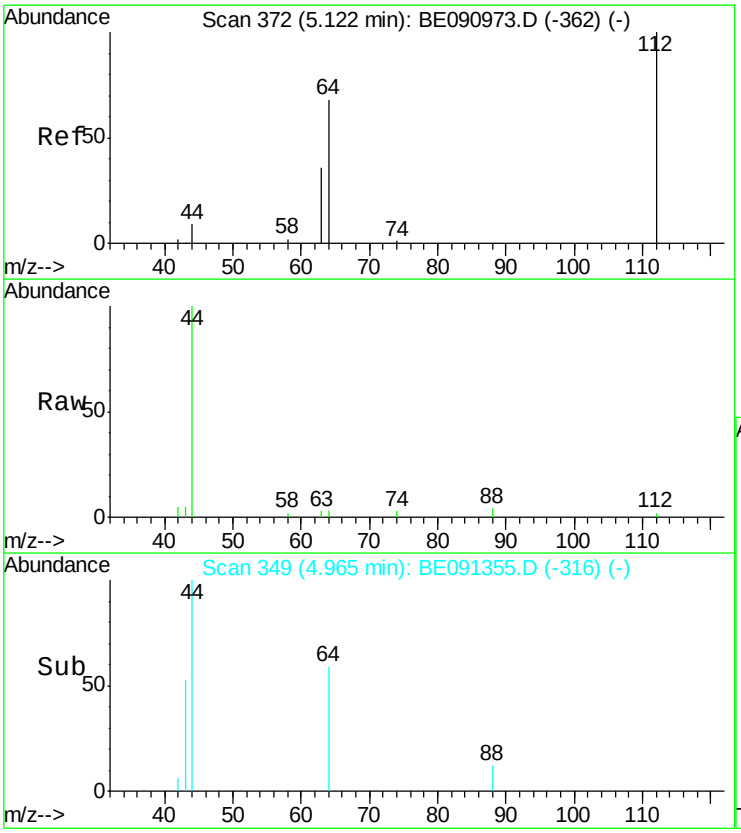
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 6.88 min Scan# 628
Delta R.T. 0.00 min
Lab File: BE091355.D
Acq: 14 Jan 2016 17:47

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:152 Resp: 26334

Ion	Ratio	Lower	Upper
152	100		
150	155.9	121.6	182.4
115	66.7	50.6	75.8

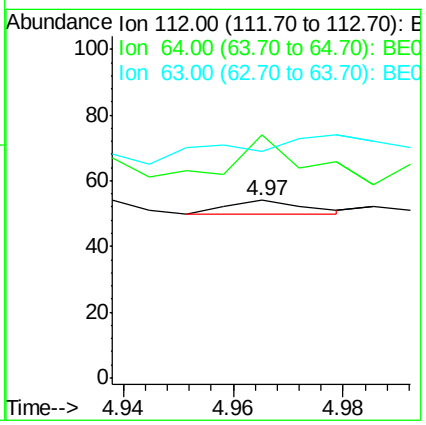


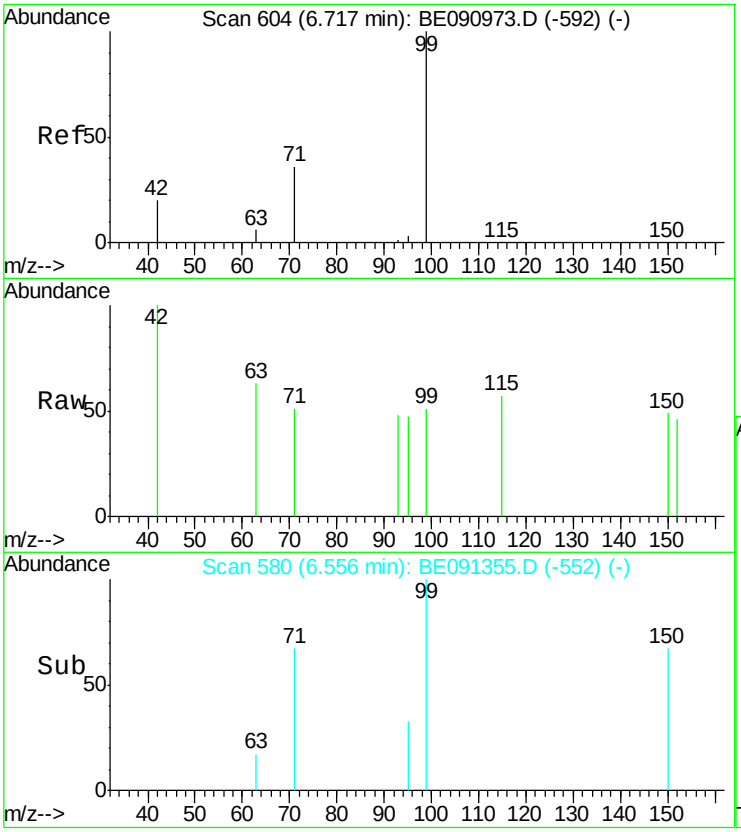


#4
2-Fluorophenol
Concen: 0.00 ng
RT: 4.97 min Scan# 349
Delta R.T. 0.02 min
Lab File: BE091355.D
Acq: 14 Jan 2016 17:47

Tgt Ion:112 Resp: 4

Ion	Ratio	Lower	Upper
112	100		
64	350.0	57.4	86.0#
63	475.0	32.2	48.2#



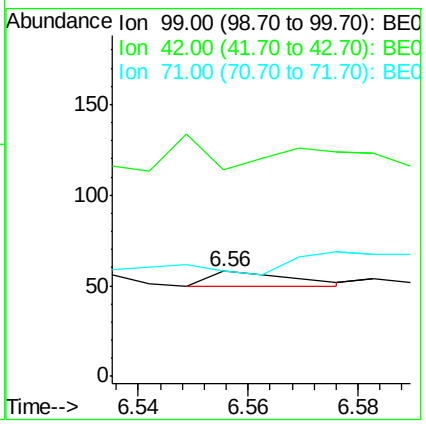


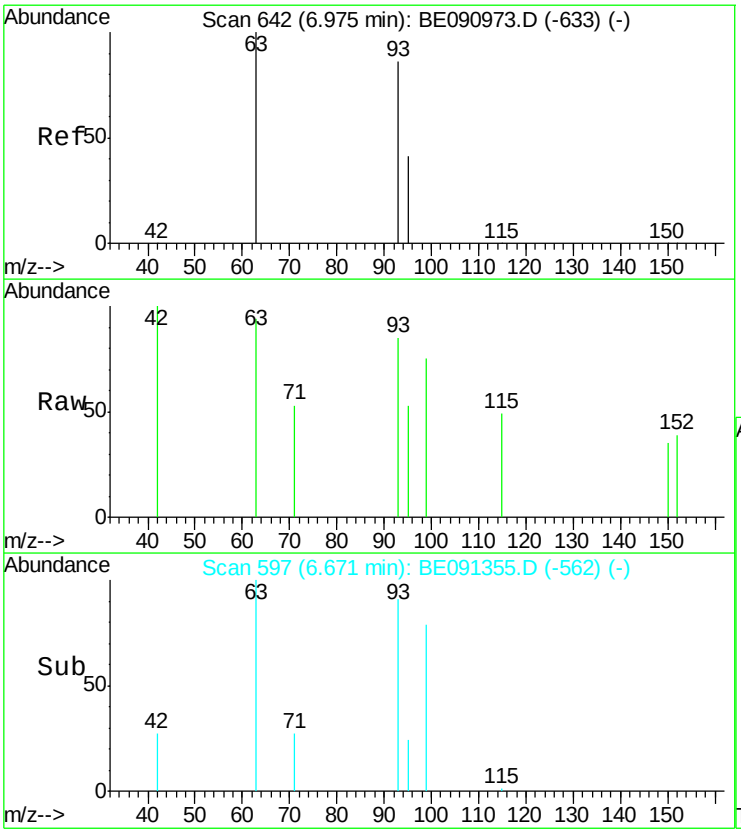
#5
Phenol-d6
Concen: 0.00 ng
RT: 6.56 min Scan# 580
Delta R.T. -0.01 min
Lab File: BE091355.D
Acq: 14 Jan 2016 17:47

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion: 99 Resp: 8

Ion	Ratio	Lower	Upper
99	100		
42	112.5	22.9	34.3#
71	0.0	35.4	53.2#

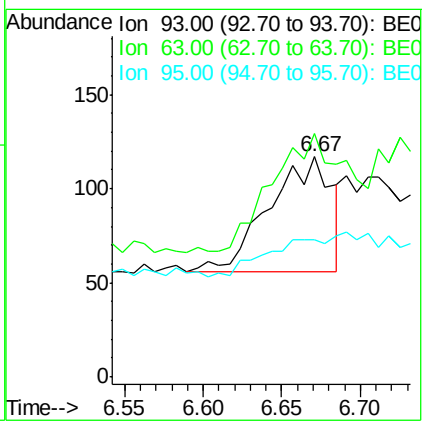


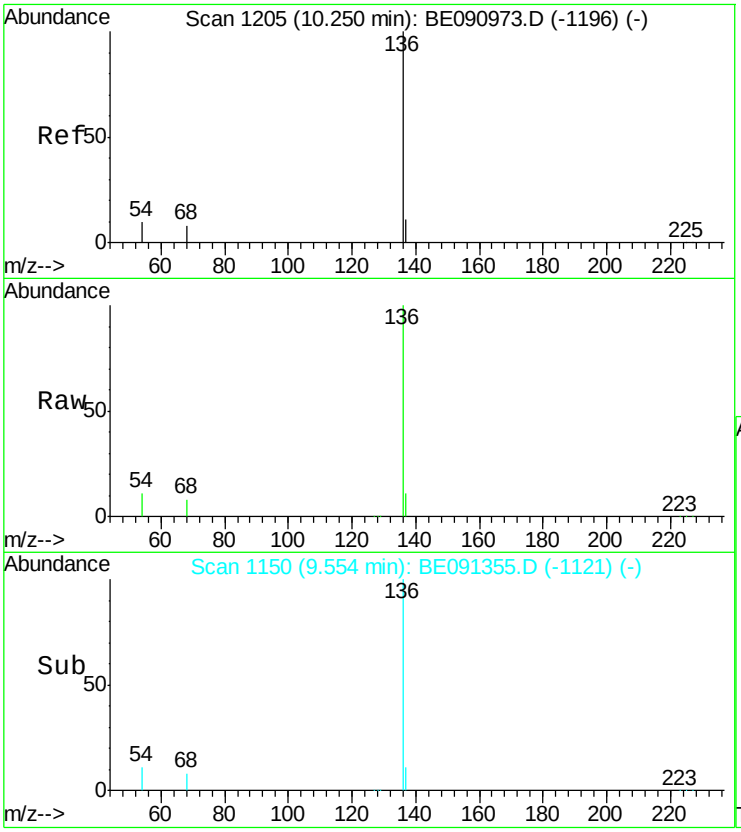


#6
bis(2-Chloroethyl)ether
Concen: 0.02 ng
RT: 6.67 min Scan# 597
Delta R.T. 0.03 min
Lab File: BE091355.D
Acq: 14 Jan 2016 17:47

Tgt Ion: 93 Resp: 169

Ion	Ratio	Lower	Upper
93	100		
63	126.0	0.0	0.0#
95	33.7	53.9	80.9#



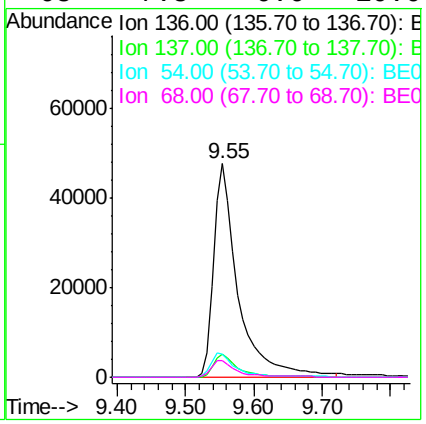


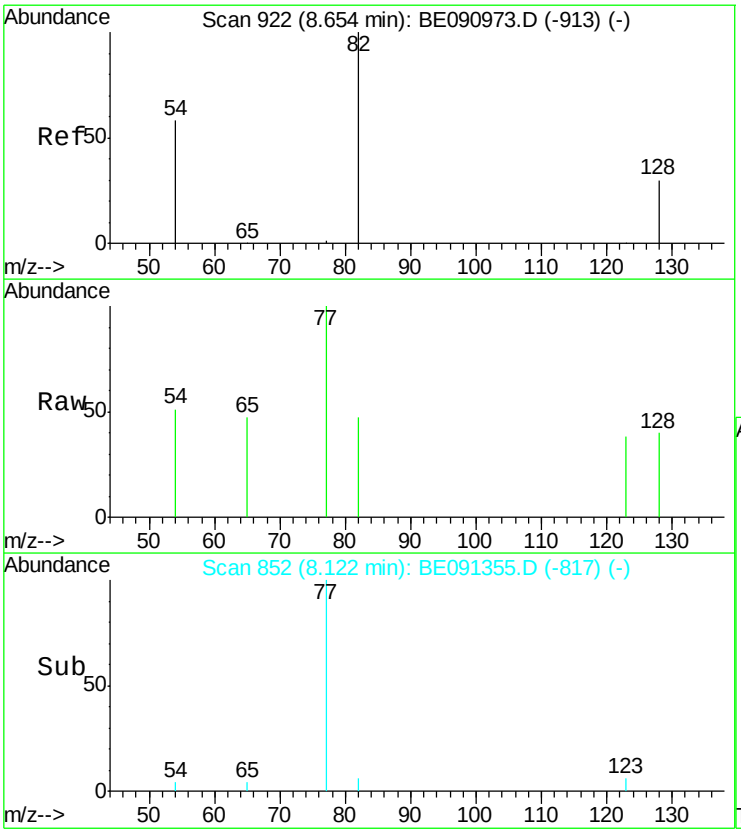
#7
Naphthalene-d8
Concen: 5.00 ng
RT: 9.55 min Scan# 1150
Delta R.T. 0.01 min
Lab File: BE091355.D
Acq: 14 Jan 2016 17:47

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:136 Resp: 117788

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.7	13.1
54	11.0	9.8	14.6
68	7.8	6.6	10.0

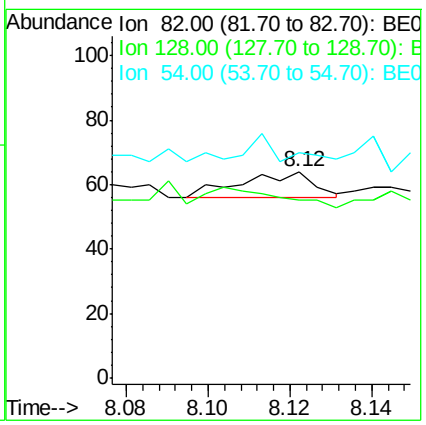


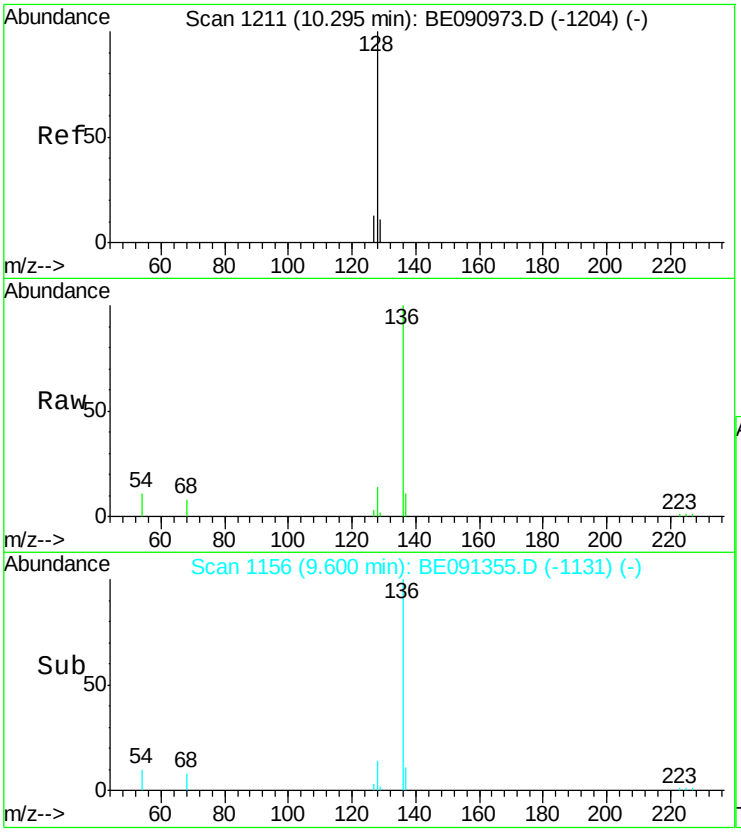


#8
Nitrobenzene-d5
Concen: 0.00 ng
RT: 8.12 min Scan# 852
Delta R.T. -0.04 min
Lab File: BE091355.D
Acq: 14 Jan 2016 17:47

Tgt Ion: 82 Resp: 10

Ion	Ratio	Lower	Upper
82	100		
128	85.9	24.6	36.8#
54	109.4	52.7	79.1#



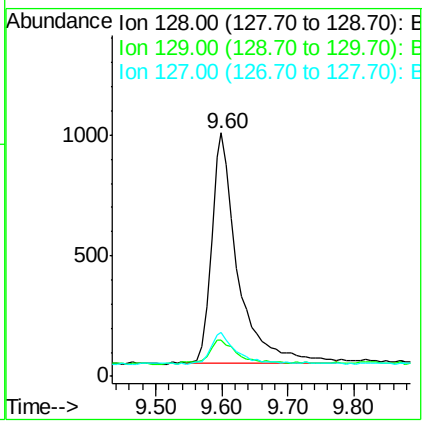


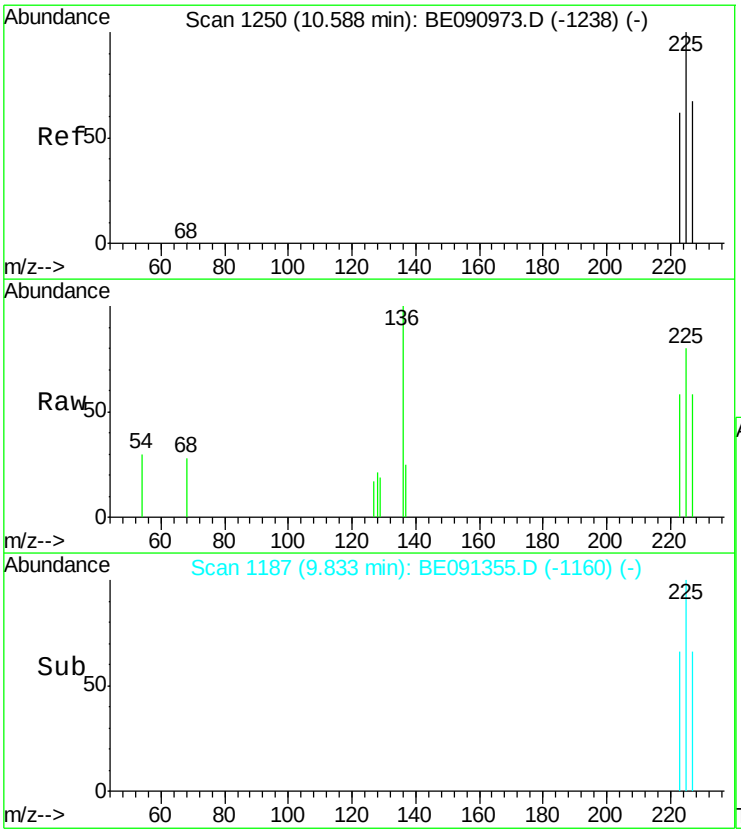
#10
Naphthalene
Concen: 0.10 ng
RT: 9.60 min Scan# 1156
Delta R.T. 0.01 min
Lab File: BE091355.D
Acq: 14 Jan 2016 17:47

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:128 Resp: 2615

Ion	Ratio	Lower	Upper
128	100		
129	15.2	9.3	13.9#
127	18.2	10.6	15.8#

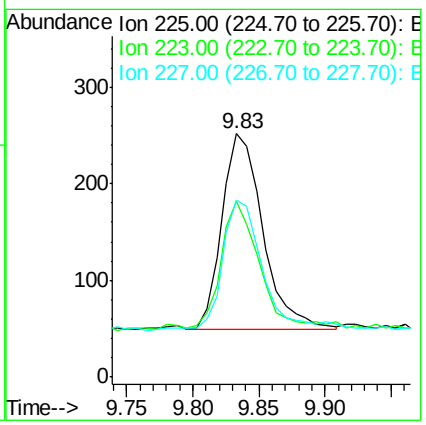


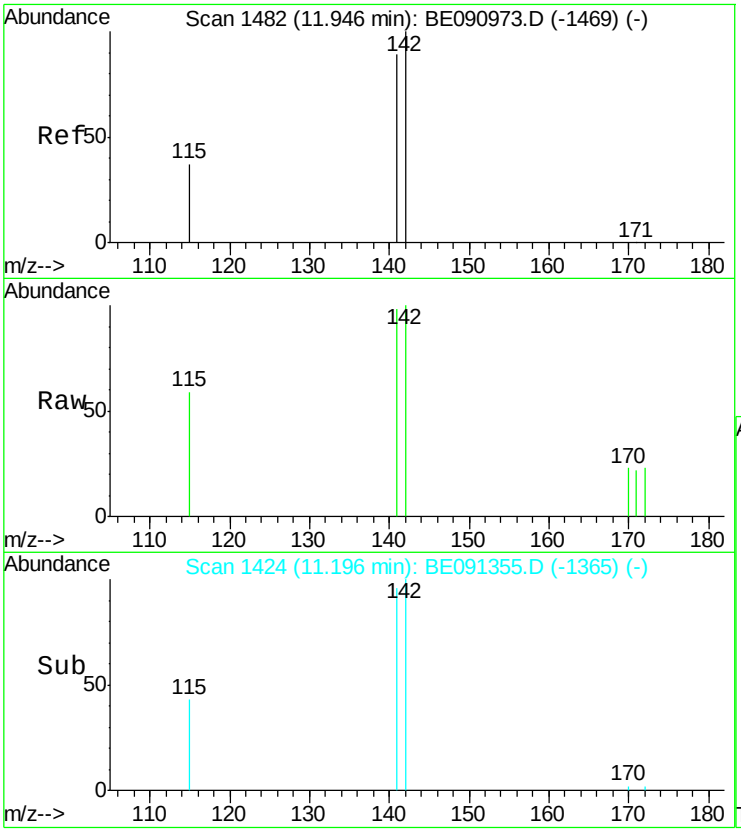


#11
Hexachlorobutadiene
Concen: 0.10 ng
RT: 9.83 min Scan# 1187
Delta R.T. -0.00 min
Lab File: BE091355.D
Acq: 14 Jan 2016 17:47

Tgt Ion:225 Resp: 439

Ion	Ratio	Lower	Upper
225	100		
223	64.0	50.0	75.0
227	65.4	50.7	76.1



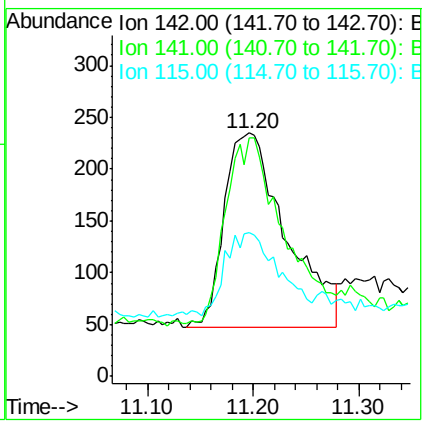


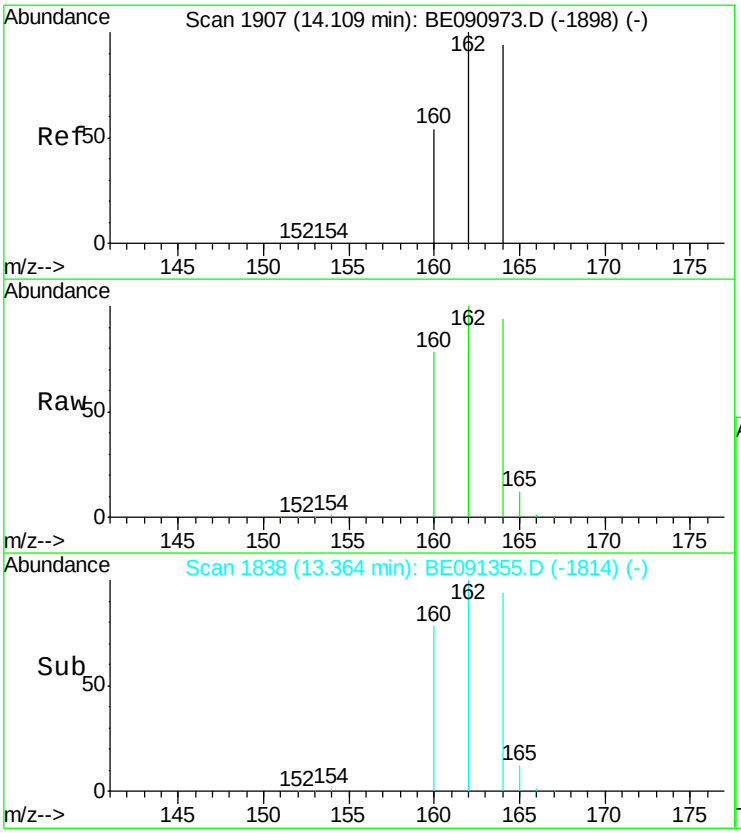
#12
2-Methylnaphthalene
Concen: 0.05 ng
RT: 11.20 min Scan# 1424
Delta R.T. 0.07 min
Lab File: BE091355.D
Acq: 14 Jan 2016 17:47

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:142 Resp: 759

Ion	Ratio	Lower	Upper
142	100		
141	97.9	74.5	111.7
115	59.1	35.2	52.8#

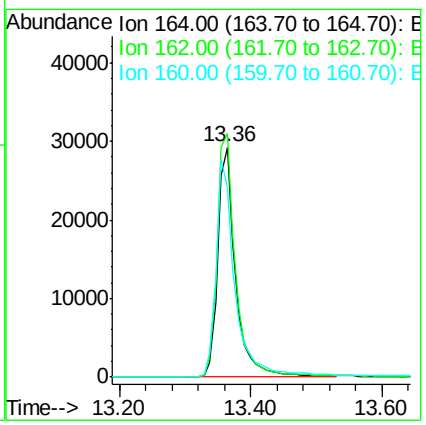


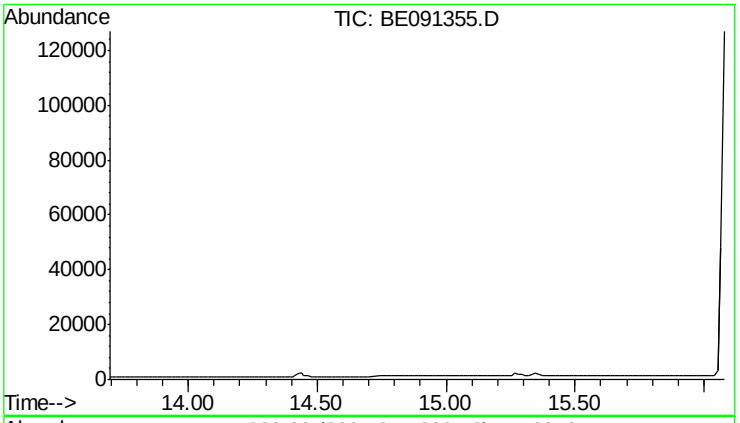


#13
Acenaphthene-d10
Concen: 5.00 ng
RT: 13.36 min Scan# 1838
Delta R.T. 0.01 min
Lab File: BE091355.D
Acq: 14 Jan 2016 17:47

Tgt Ion:164 Resp: 54788

Ion	Ratio	Lower	Upper
164	100		
162	105.8	88.5	132.7
160	82.4	76.7	115.1





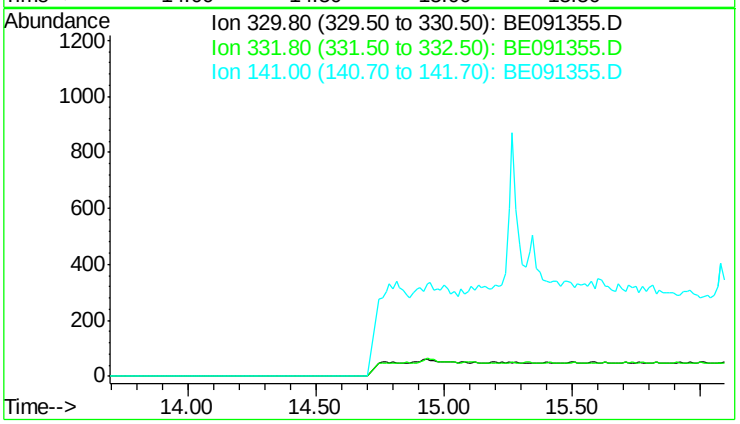
#14
2,4,6-Tribromophenol
Concen: 0.00 ng
Expected RT: 14.89 min

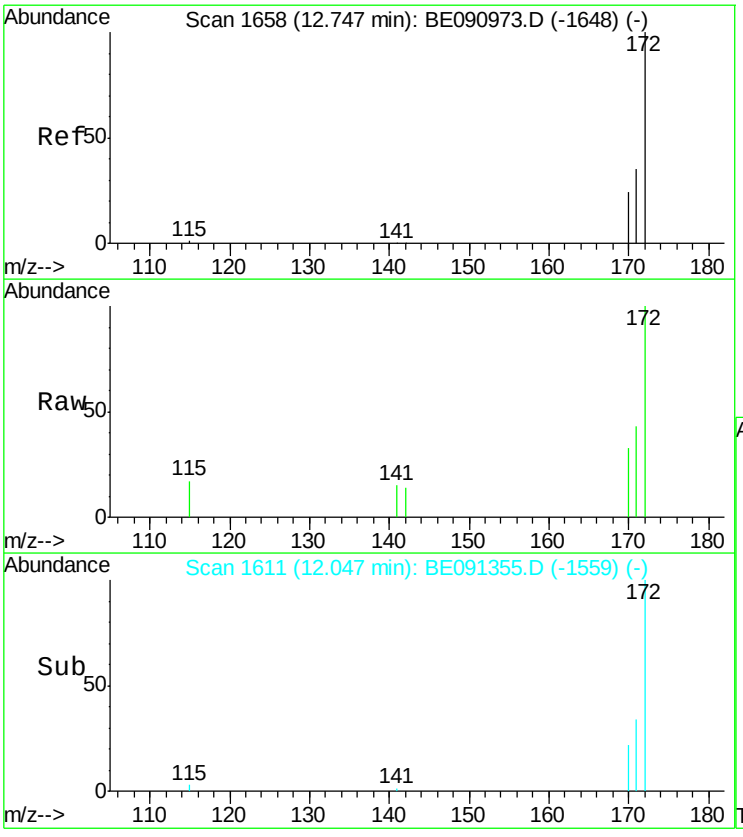
Lab File: BE091355.D
Acq: 14 Jan 2016 17:47

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion: 330

Sig	Exp Ratio
330	100
332	98.3
141	184.8

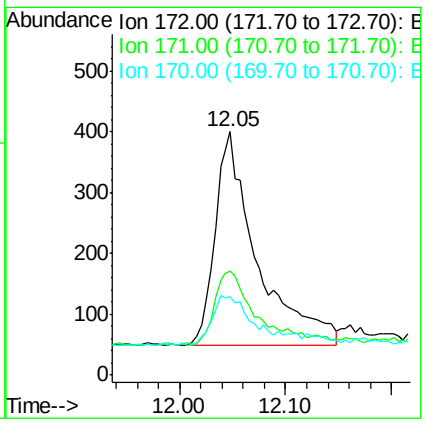


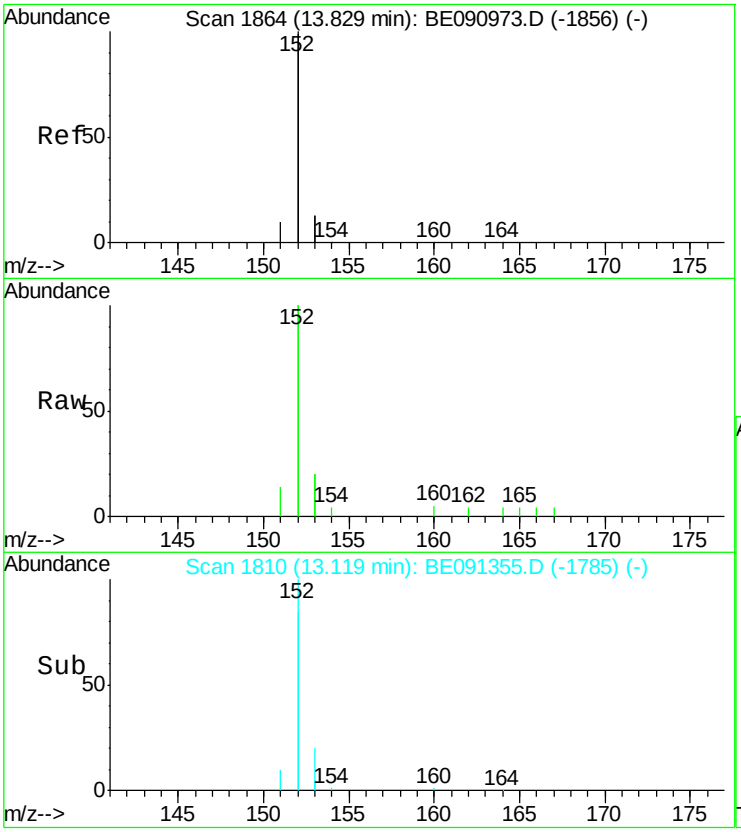


#15
2-Fluorobiphenyl
Concen: 0.07 ng
RT: 12.05 min Scan# 1611
Delta R.T. 0.04 min
Lab File: BE091355.D
Acq: 14 Jan 2016 17:47

Tgt Ion:172 Resp: 974

Ion	Ratio	Lower	Upper
172	100		
171	42.8	27.3	40.9#
170	32.5	19.8	29.6#



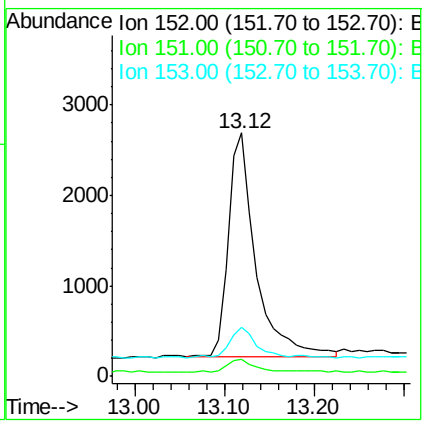


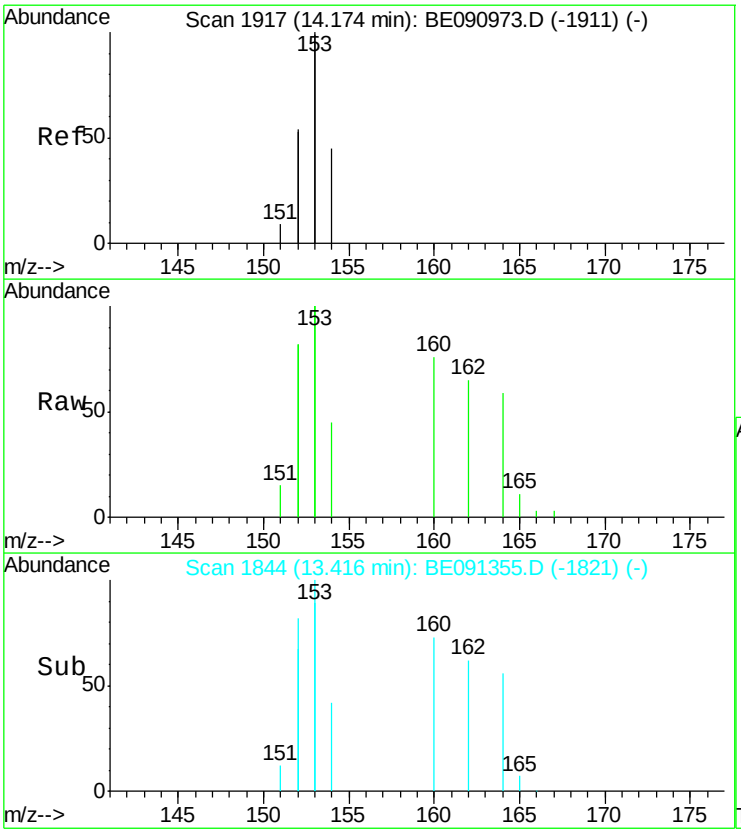
#16
Acenaphthylene
Concen: 0.06 ng
RT: 13.12 min Scan# 1810
Delta R.T. 0.02 min
Lab File: BE091355.D
Acq: 14 Jan 2016 17:47

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:152 Resp: 5306

Ion	Ratio	Lower	Upper
152	100		
151	5.0	3.8	5.8
153	13.6	10.1	15.1

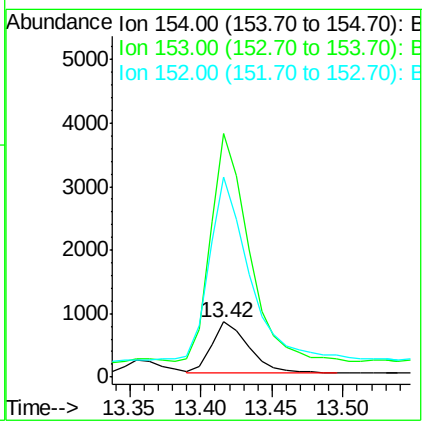


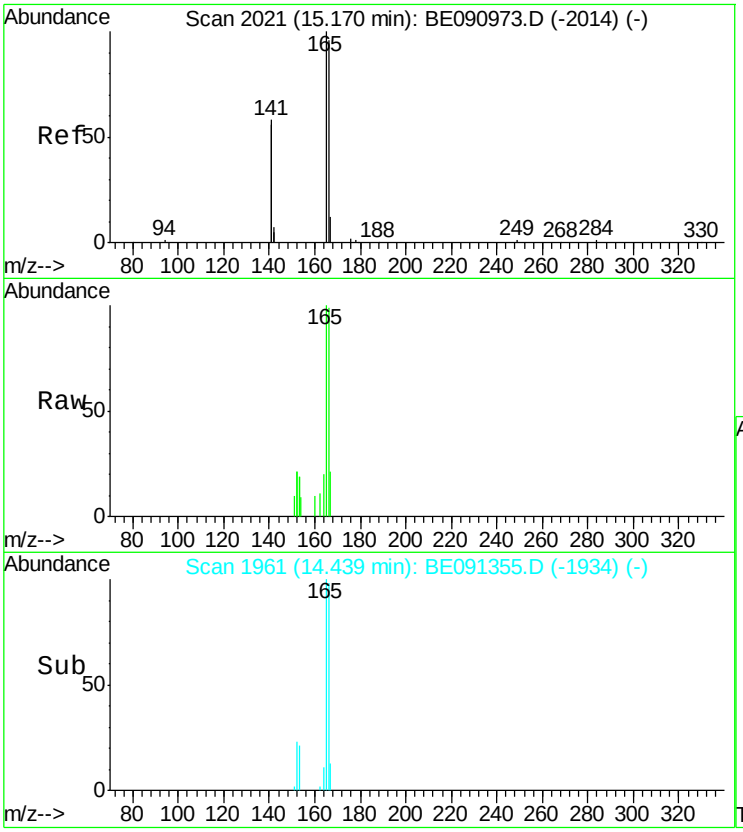


#17
Acenaphthene
Concen: 0.10 ng
RT: 13.42 min Scan# 1844
Delta R.T. 0.00 min
Lab File: BE091355.D
Acq: 14 Jan 2016 17:47

Tgt Ion:154 Resp: 1482

Ion	Ratio	Lower	Upper
154	100		
153	456.5	370.2	555.4
152	413.4	310.5	465.7



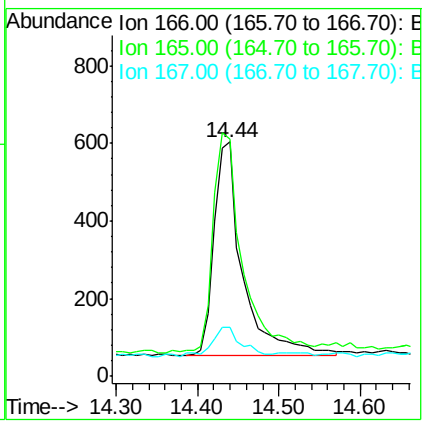


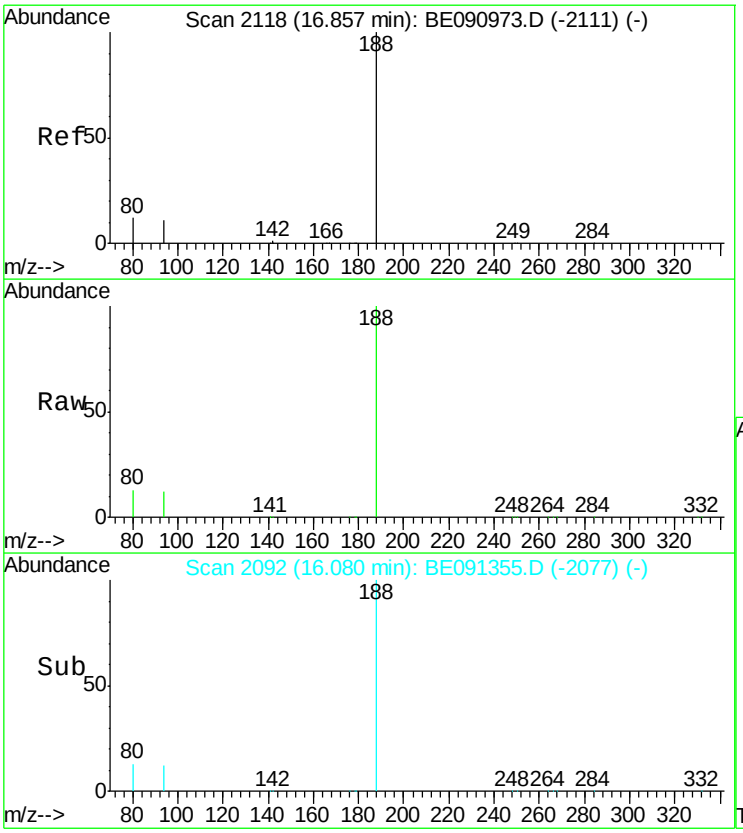
#18
Fluorene
Concen: 0.07 ng
RT: 14.44 min Scan# 1961
Delta R.T. 0.04 min
Lab File: BE091355.D
Acq: 14 Jan 2016 17:47

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:166 Resp: 1335

Ion	Ratio	Lower	Upper
166	100		
165	107.4	83.0	124.6
167	14.2	11.1	16.7

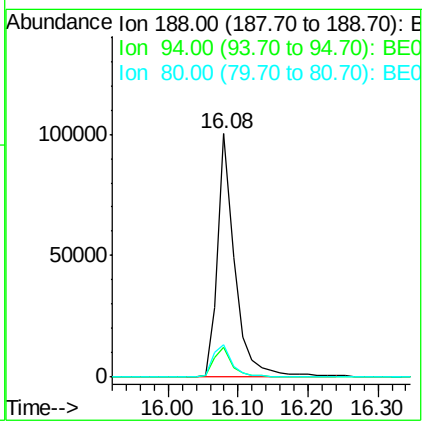


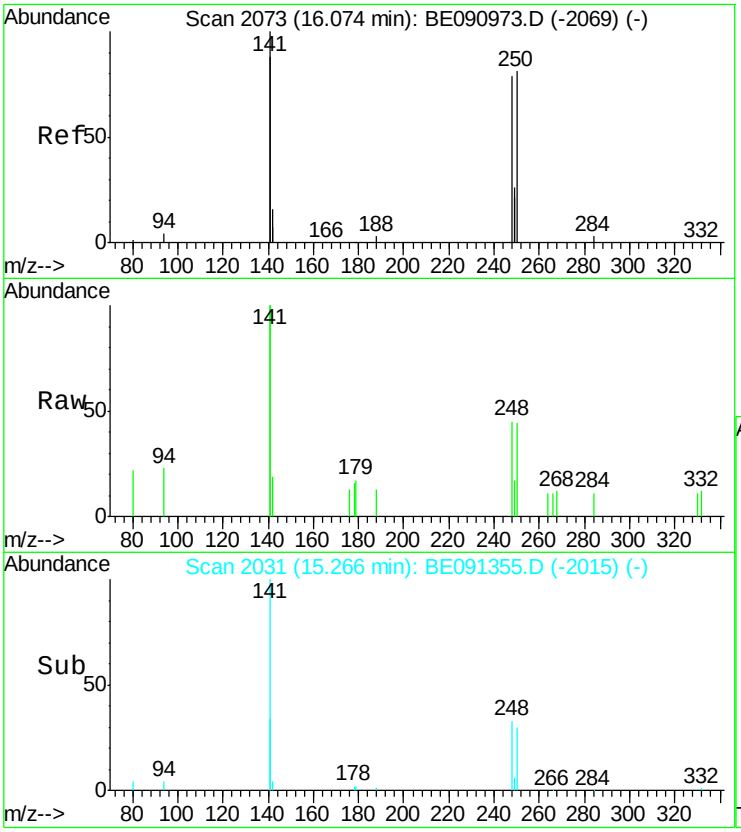


#19
Phenanthrene-d10
Concen: 5.00 ng
RT: 16.08 min Scan# 2092
Delta R.T. 0.00 min
Lab File: BE091355.D
Acq: 14 Jan 2016 17:47

Tgt Ion:188 Resp: 172832

Ion	Ratio	Lower	Upper
188	100		
94	12.0	7.5	11.3#
80	13.1	8.2	12.2#



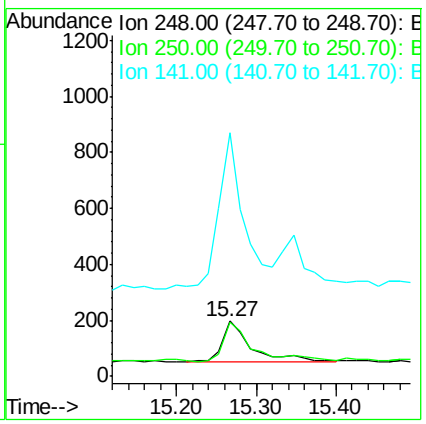


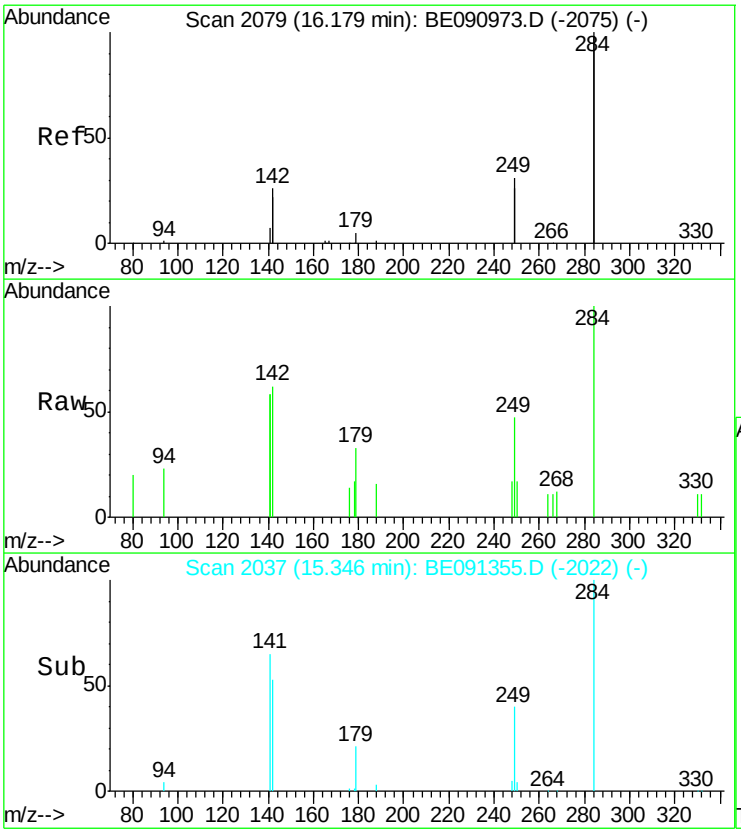
#20
4-Bromophenyl-phenylether
Concen: 0.06 ng
RT: 15.27 min Scan# 2031
Delta R.T. 0.01 min
Lab File: BE091355.D
Acq: 14 Jan 2016 17:47

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:248 Resp: 355

Ion	Ratio	Lower	Upper
248	100		
250	98.9	76.2	114.2
141	354.1	282.4	423.6

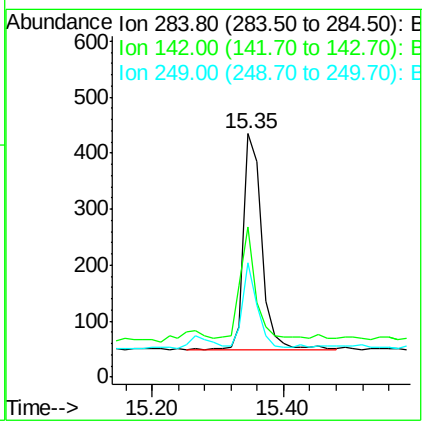


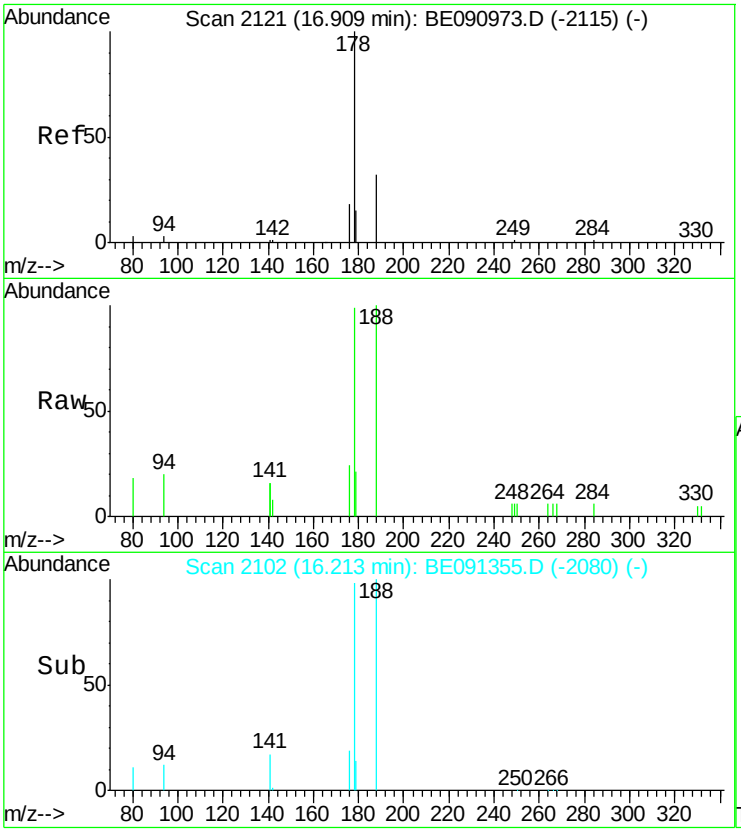


#21
Hexachlorobenzene
Concen: 0.02 ng
RT: 15.35 min Scan# 2037
Delta R.T. 0.00 min
Lab File: BE091355.D
Acq: 14 Jan 2016 17:47

Tgt Ion:284 Resp: 749

Ion	Ratio	Lower	Upper
284	100		
142	45.7	35.4	53.0
249	30.7	25.0	37.4



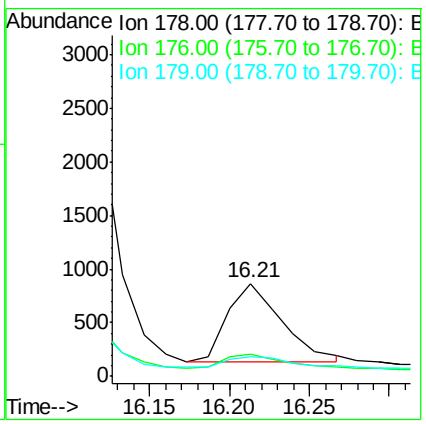


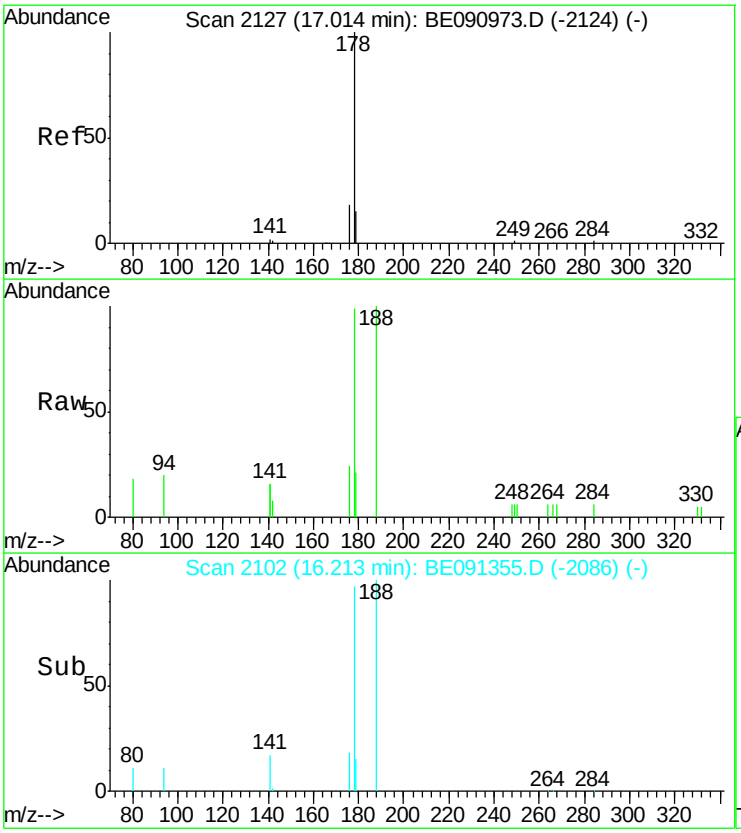
#23
Phenanthrene
Concen: 0.04 ng
RT: 16.21 min Scan# 2102
Delta R.T. 0.09 min
Lab File: BE091355.D
Acq: 14 Jan 2016 17:47

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:178 Resp: 1720

Ion	Ratio	Lower	Upper
178	100		
176	19.9	15.4	23.2
179	14.5	12.8	19.2

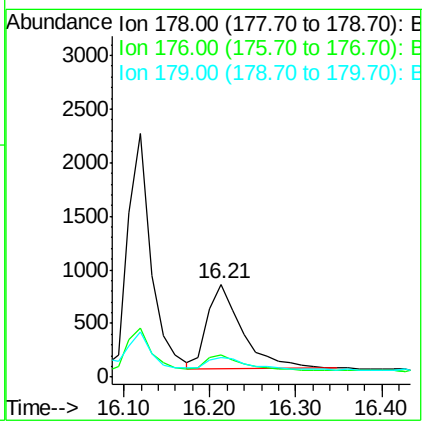


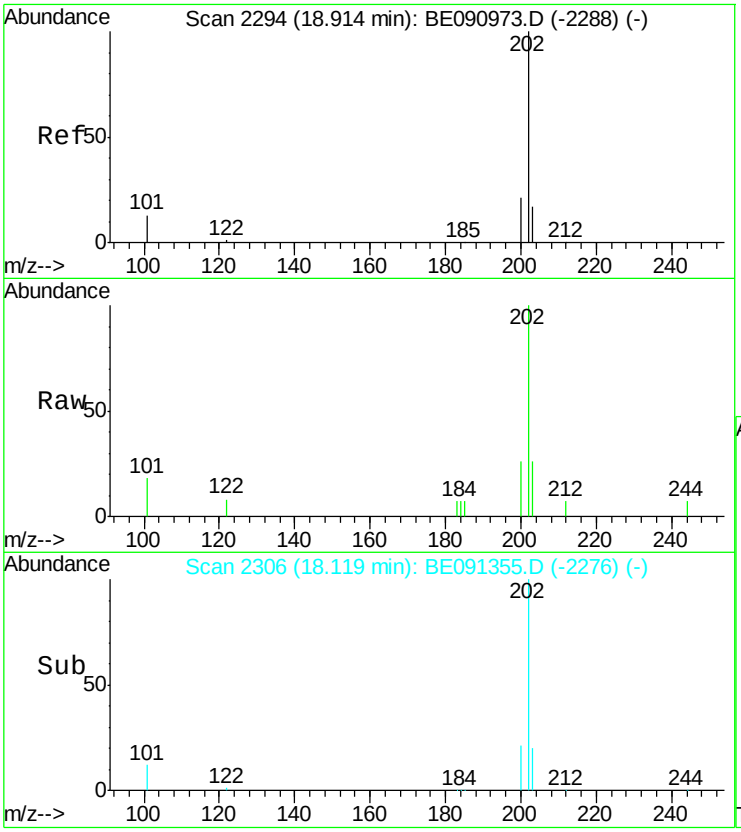


#24
Anthracene
Concen: 0.06 ng
RT: 16.21 min Scan# 2102
Delta R.T. 0.01 min
Lab File: BE091355.D
Acq: 14 Jan 2016 17:47

Tgt Ion:178 Resp: 2219

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.0	22.6
179	18.6	12.4	18.6#



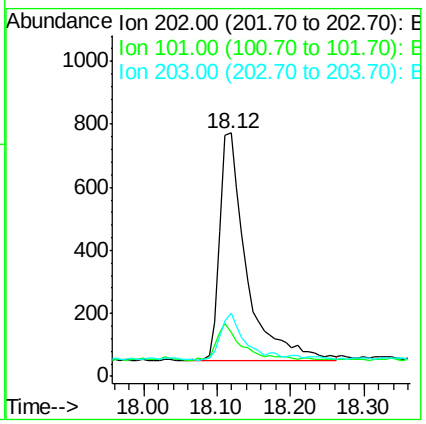


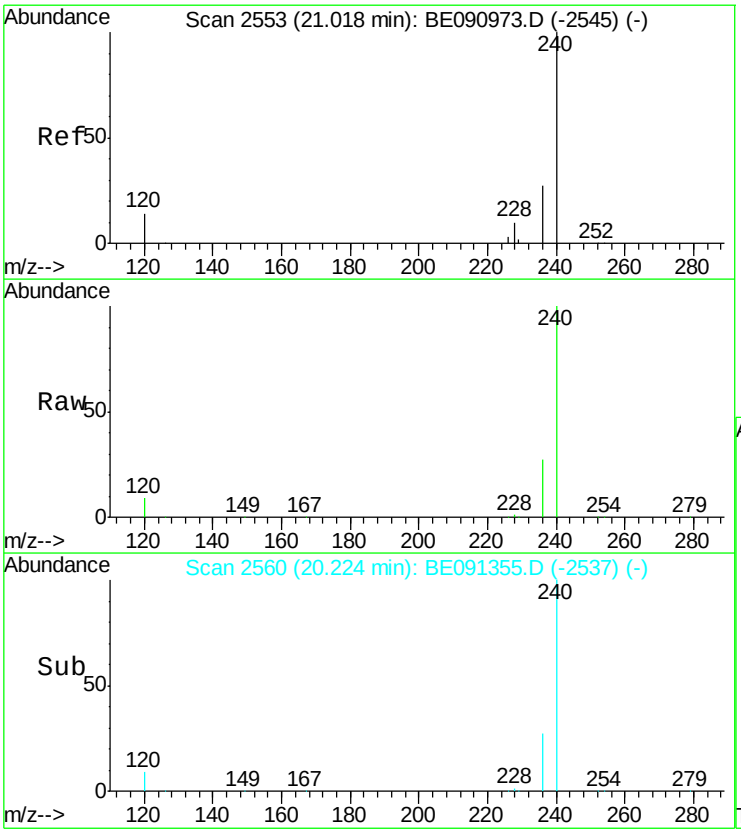
#25
Fluoranthene
Concen: 0.04 ng
RT: 18.12 min Scan# 2306
Delta R.T. 0.02 min
Lab File: BE091355.D
Acq: 14 Jan 2016 17:47

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:202 Resp: 1856

Ion	Ratio	Lower	Upper
202	100		
101	15.1	11.0	16.4
203	19.1	13.9	20.9

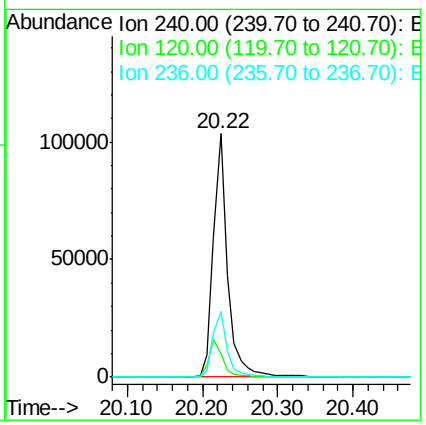


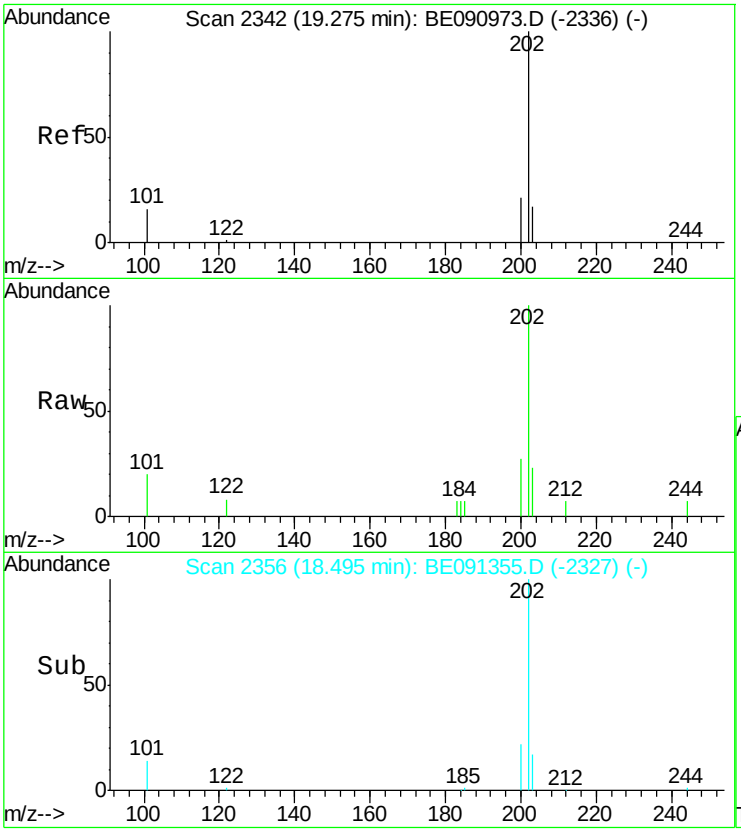


#26
Chrysene-d12
Concen: 5.00 ng
RT: 20.22 min Scan# 2560
Delta R.T. 0.01 min
Lab File: BE091355.D
Acq: 14 Jan 2016 17:47

Tgt Ion:240 Resp: 135891

Ion	Ratio	Lower	Upper
240	100		
120	9.4	12.6	19.0#
236	27.0	22.7	34.1



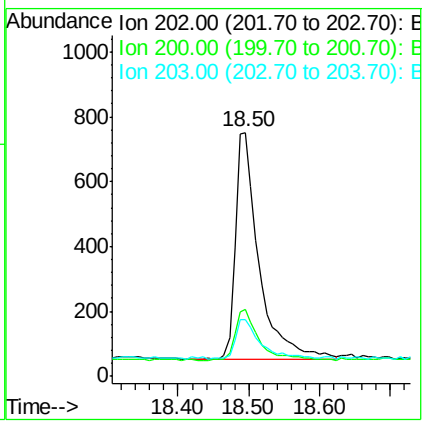


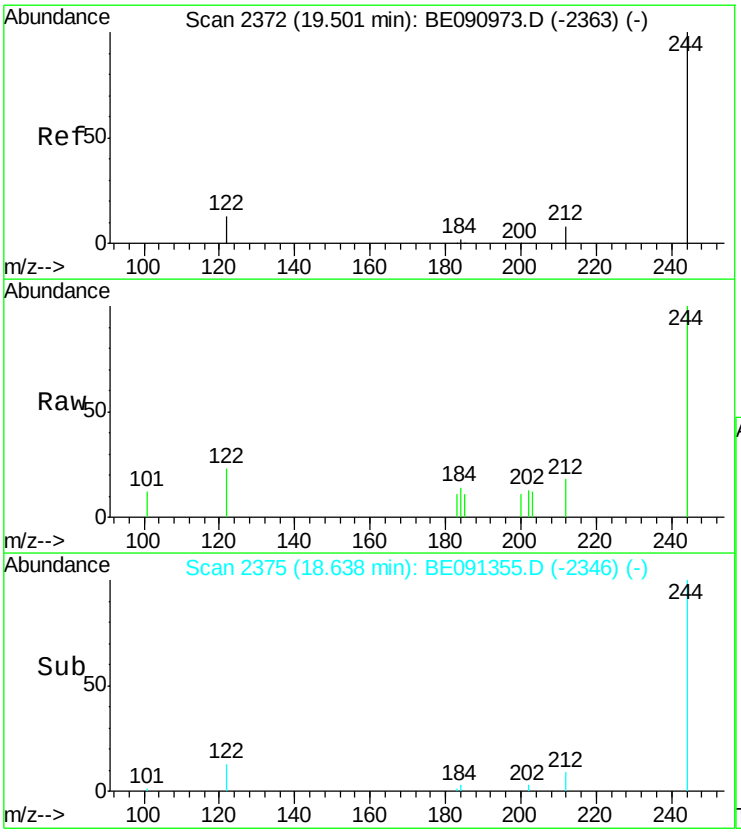
#28
Pyrene
Concen: 0.05 ng
RT: 18.50 min Scan# 2356
Delta R.T. 0.02 min
Lab File: BE091355.D
Acq: 14 Jan 2016 17:47

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:202 Resp: 1620

Ion	Ratio	Lower	Upper
202	100		
200	22.2	17.2	25.8
203	17.0	14.2	21.4

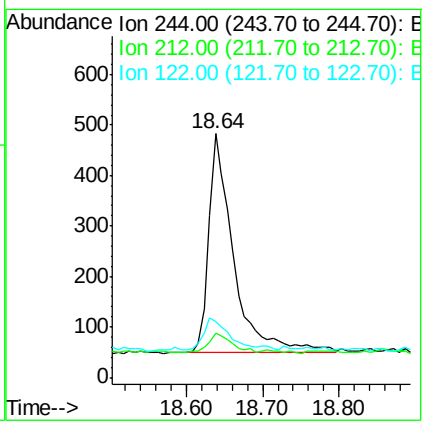


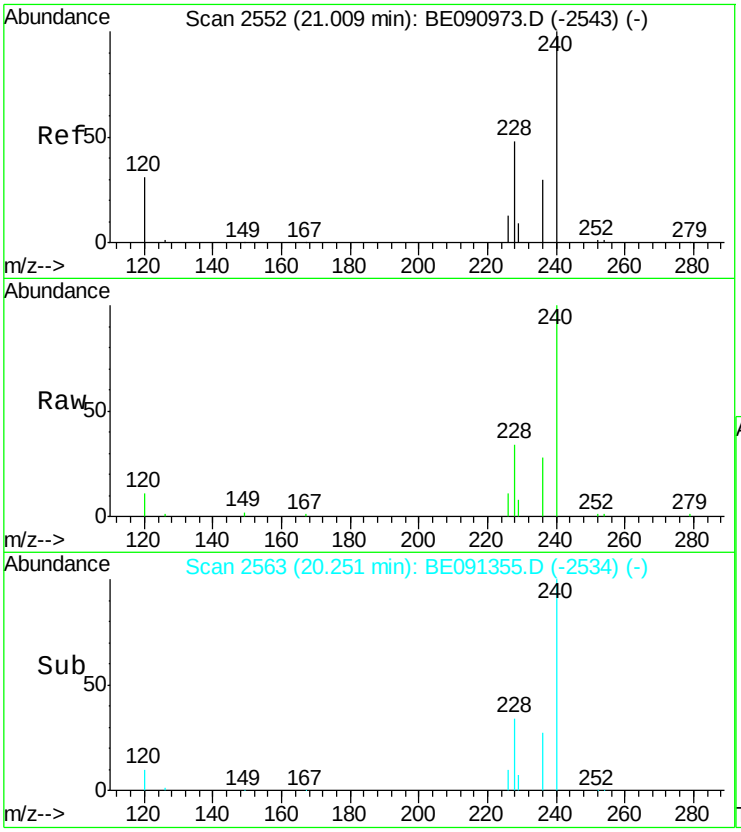


#29
Terphenyl-d14
Concen: 0.06 ng
RT: 18.64 min Scan# 2375
Delta R.T. 0.02 min
Lab File: BE091355.D
Acq: 14 Jan 2016 17:47

Tgt Ion:244 Resp: 982

Ion	Ratio	Lower	Upper
244	100		
212	18.0	7.0	10.4#
122	22.8	8.5	12.7#



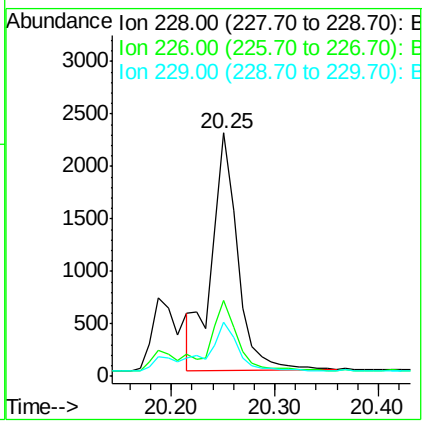


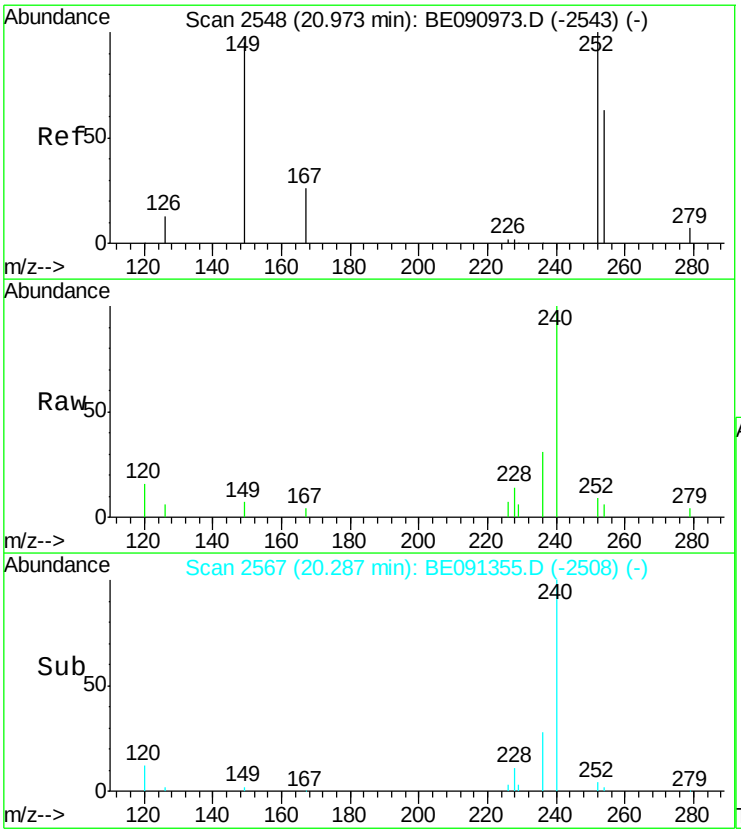
#30
Benzo(a)anthracene
Concen: 0.13 ng
RT: 20.25 min Scan# 2563
Delta R.T. 0.06 min
Lab File: BE091355.D
Acq: 14 Jan 2016 17:47

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:228 Resp: 3904

Ion	Ratio	Lower	Upper
228	100		
226	31.3	22.5	33.7
229	22.0	16.2	24.4

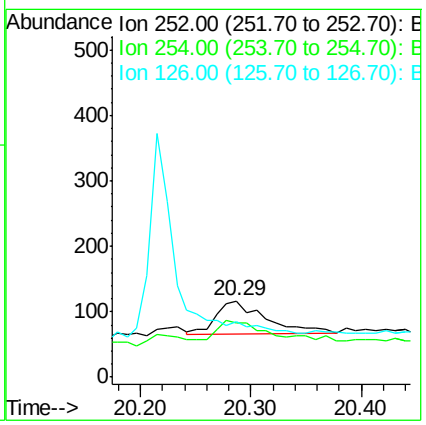


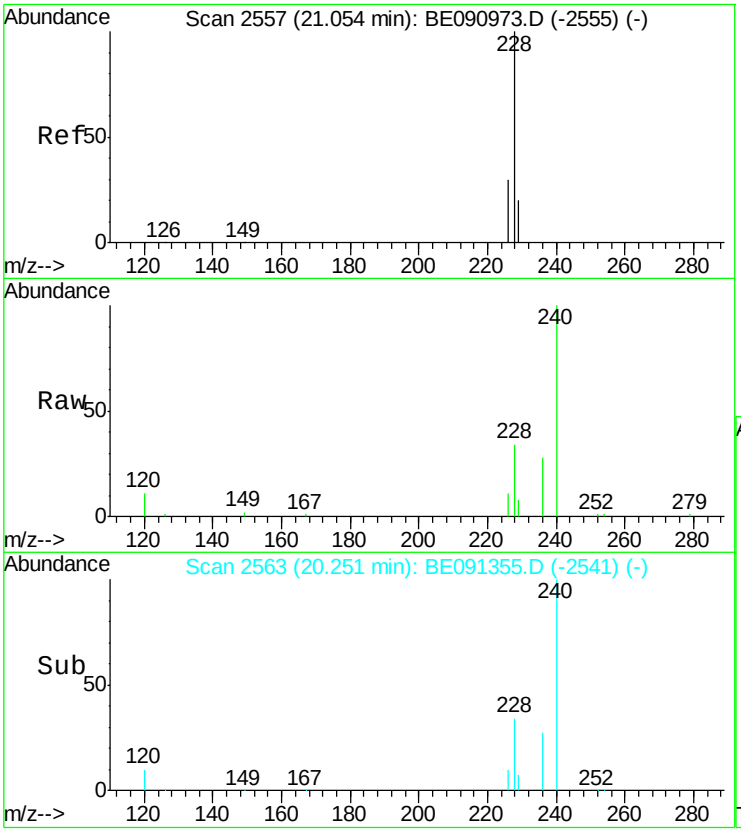


#31
3,3'-Dichlorobenzidine
Concen: 0.03 ng
RT: 20.29 min Scan# 2567
Delta R.T. 0.04 min
Lab File: BE091355.D
Acq: 14 Jan 2016 17:47

Tgt Ion:252 Resp: 160

Ion	Ratio	Lower	Upper
252	100		
254	70.1	52.6	79.0
126	72.6	21.4	32.0#



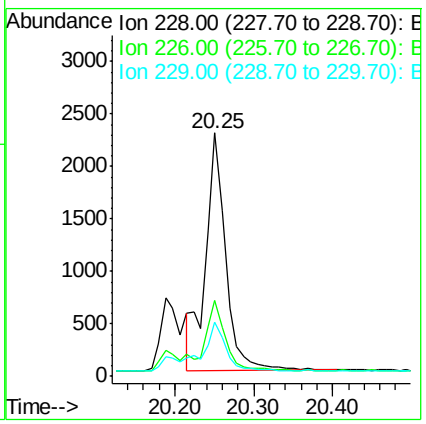


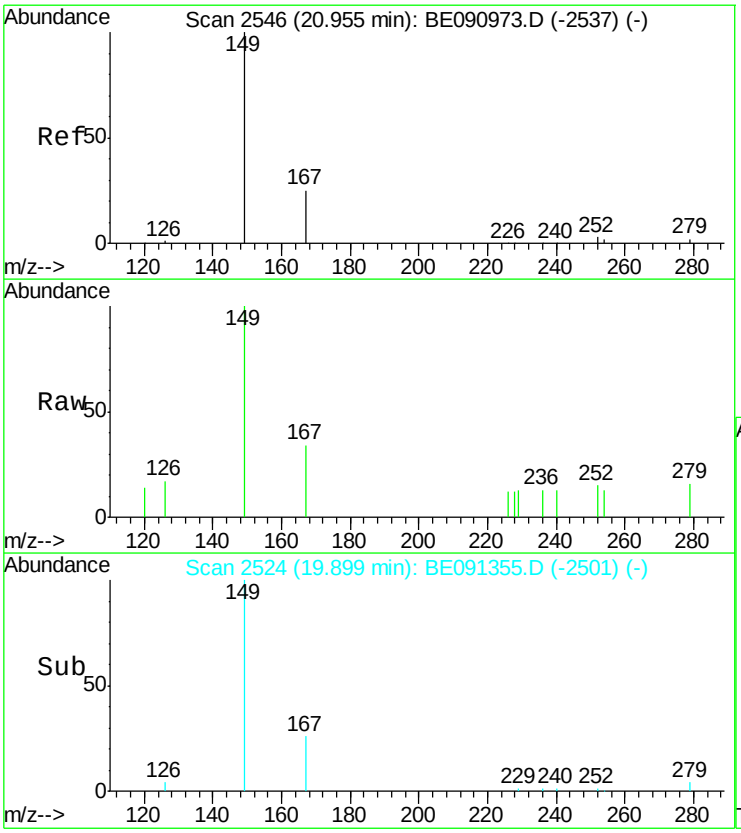
#32
Chrysene
Concen: 0.10 ng
RT: 20.25 min Scan# 2563
Delta R.T. -0.00 min
Lab File: BE091355.D
Acq: 14 Jan 2016 17:47

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:228 Resp: 3986

Ion	Ratio	Lower	Upper
228	100		
226	31.3	23.7	35.5
229	22.0	16.0	24.0

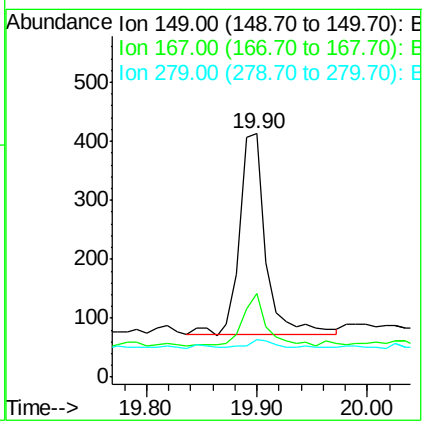


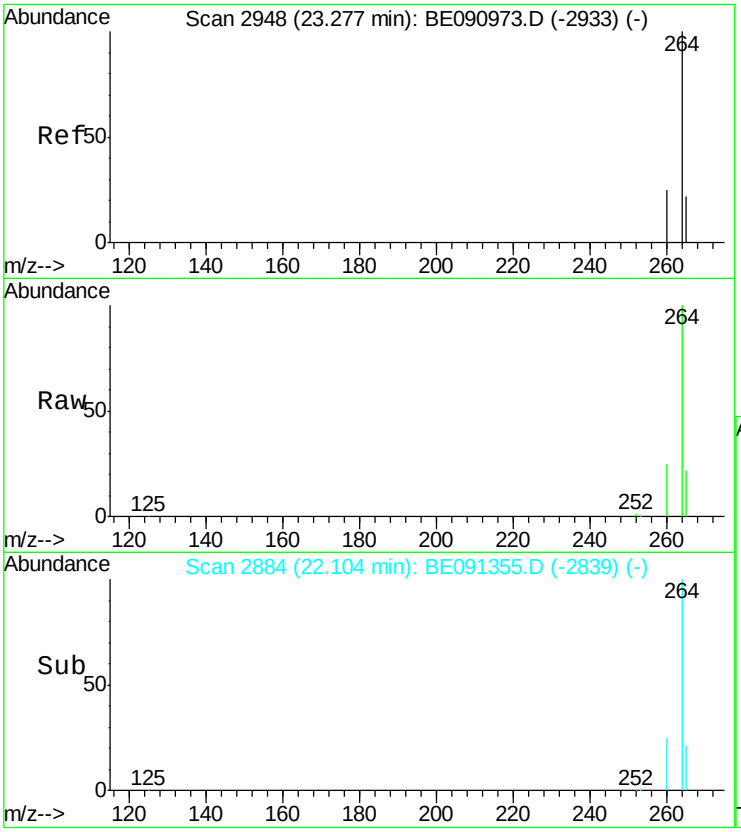


#33
Bis(2-ethylhexyl)phthalate
Concen: 0.05 ng
RT: 19.90 min Scan# 2524
Delta R.T. 0.01 min
Lab File: BE091355.D
Acq: 14 Jan 2016 17:47

Tgt Ion:149 Resp: 566

Ion	Ratio	Lower	Upper
149	100		
167	23.9	21.6	32.4
279	4.2	2.2	3.4#



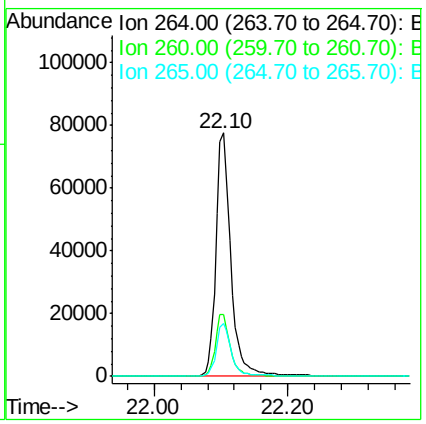


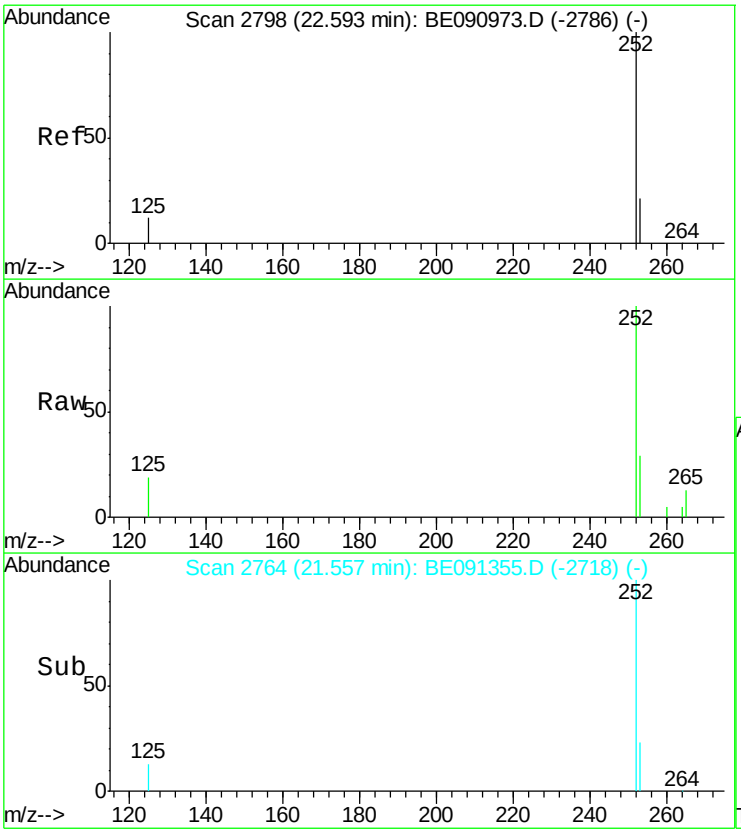
#35
Perylene-d12
Concen: 5.00 ng
RT: 22.10 min Scan# 2884
Delta R.T. 0.00 min
Lab File: BE091355.D
Acq: 14 Jan 2016 17:47

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:264 Resp: 120311

Ion	Ratio	Lower	Upper
264	100		
260	25.3	20.4	30.6
265	21.6	17.2	25.8

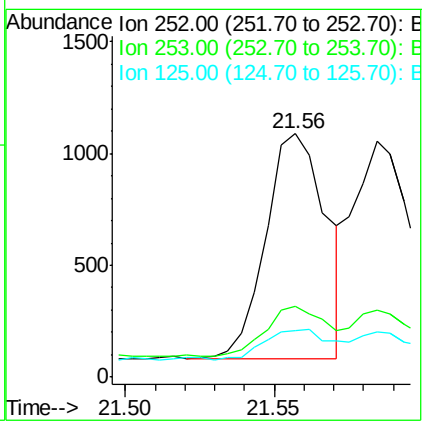


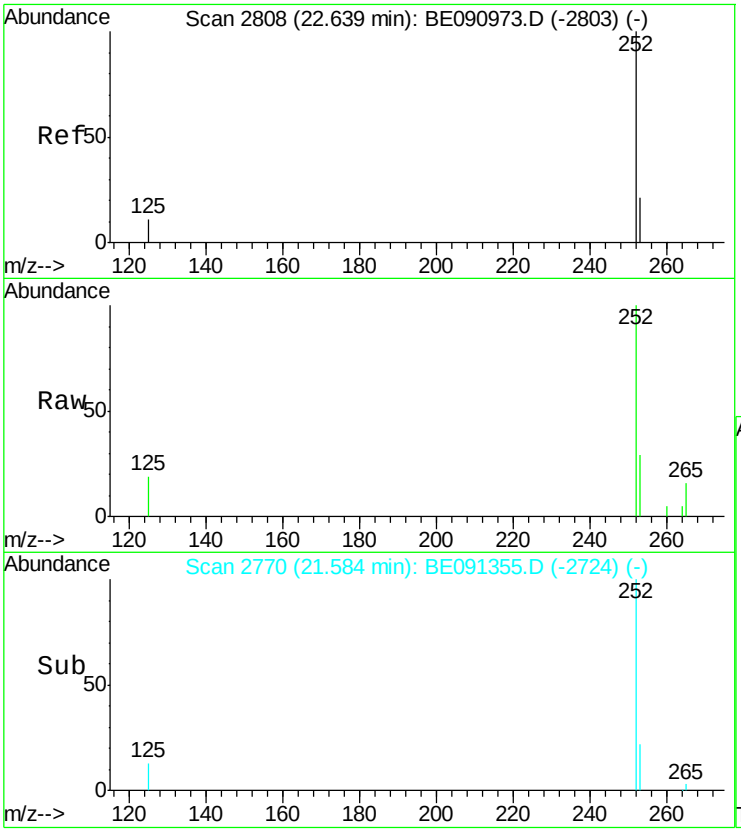


#36
Benzo(b)fluoranthene
Concen: 0.05 ng
RT: 21.56 min Scan# 2764
Delta R.T. 0.01 min
Lab File: BE091355.D
Acq: 14 Jan 2016 17:47

Tgt Ion:252 Resp: 1411

Ion	Ratio	Lower	Upper
252	100		
253	28.8	17.4	26.2#
125	19.3	11.0	16.6#



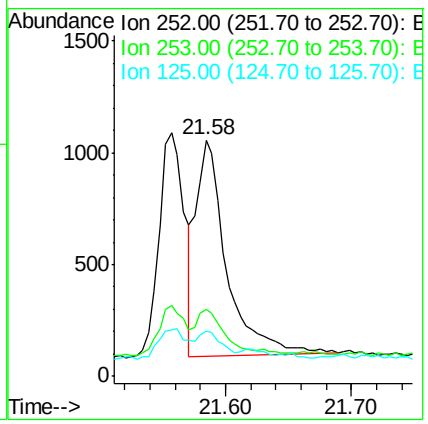


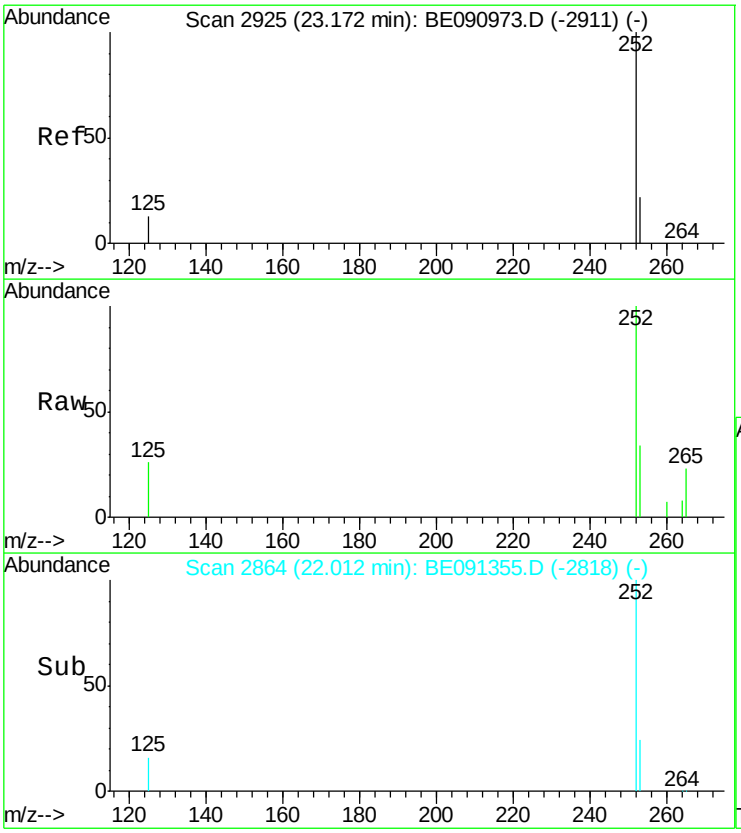
#37
Benzo(k)fluoranthene
Concen: 0.05 ng
RT: 21.58 min Scan# 2770
Delta R.T. 0.01 min
Lab File: BE091355.D
Acq: 14 Jan 2016 17:47

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:252 Resp: 1615

Ion	Ratio	Lower	Upper
252	100		
253	28.5	17.5	26.3#
125	19.3	11.3	16.9#

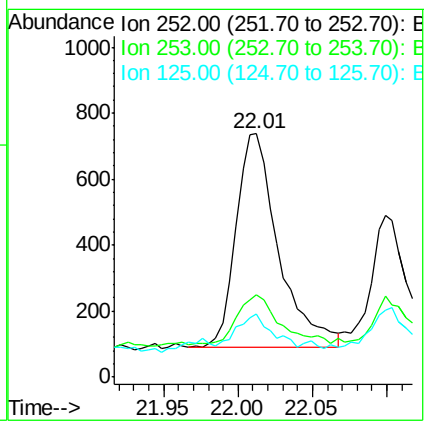


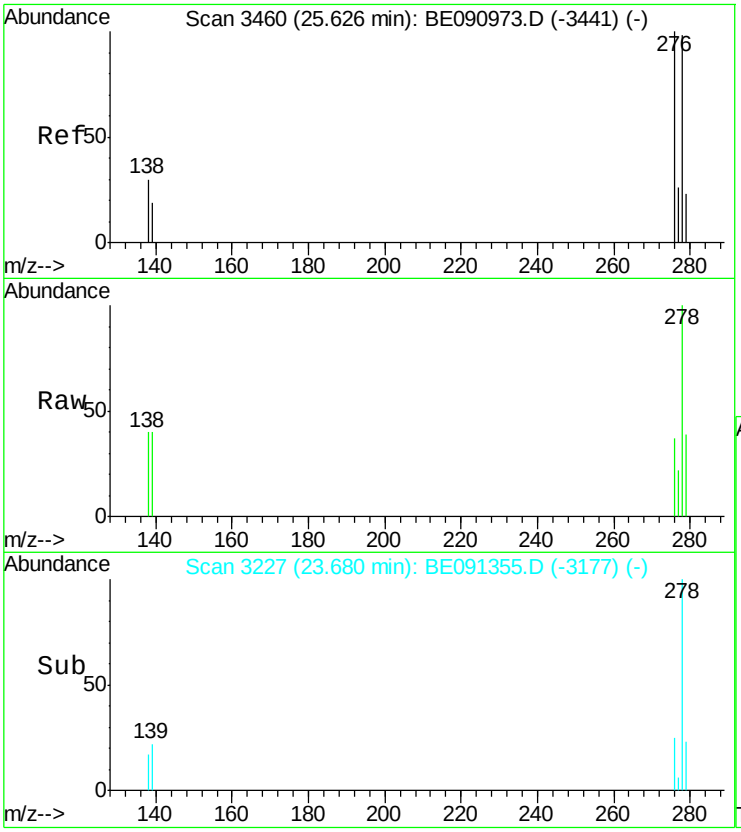


#38
Benzo(a)pyrene
Concen: 0.05 ng
RT: 22.01 min Scan# 2864
Delta R.T. 0.01 min
Lab File: BE091355.D
Acq: 14 Jan 2016 17:47

Tgt Ion:252 Resp: 1280

Ion	Ratio	Lower	Upper
252	100		
253	33.9	18.1	27.1#
125	25.9	12.2	18.4#



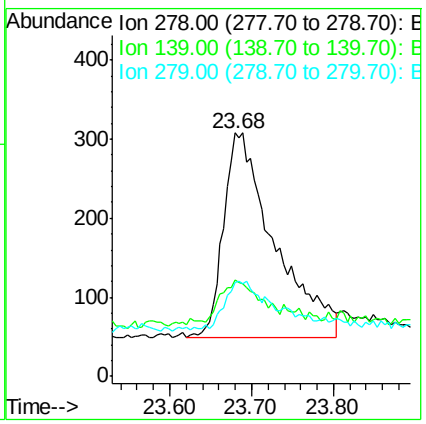


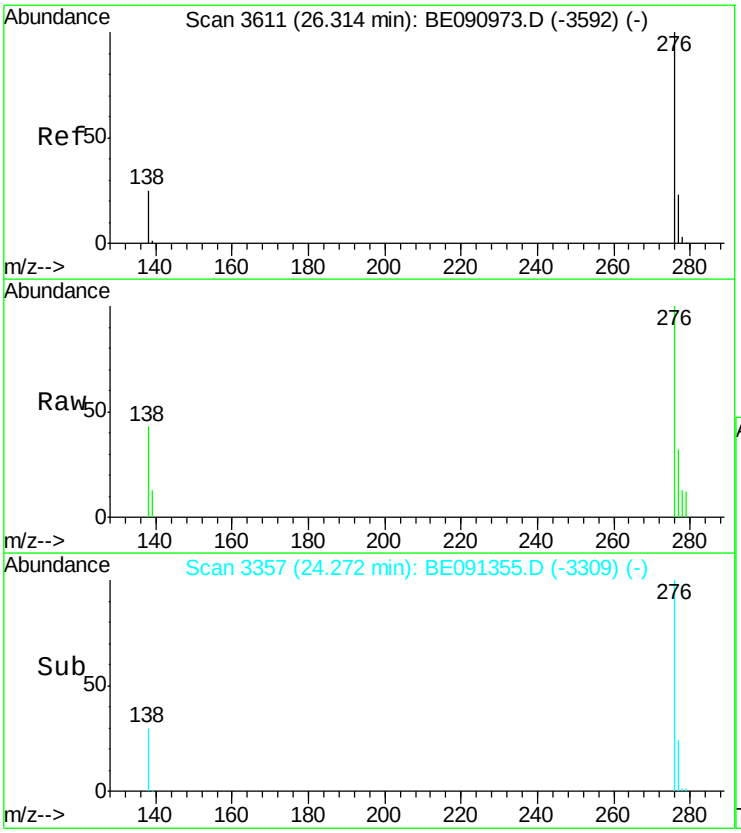
#39
Dibenzo(a,h)anthracene
Concen: 0.05 ng
RT: 23.68 min Scan# 3227
Delta R.T. 0.03 min
Lab File: BE091355.D
Acq: 14 Jan 2016 17:47

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:278 Resp: 1115

Ion	Ratio	Lower	Upper
278	100		
139	39.6	16.3	24.5#
279	38.6	19.4	29.2#





#40
Benzo(g,h,i)perylene
Concen: 0.06 ng
RT: 24.27 min Scan# 3357
Delta R.T. 0.02 min
Lab File: BE091355.D
Acq: 14 Jan 2016 17:47

Tgt Ion:276 Resp: 1604

Ion	Ratio	Lower	Upper
276	100		
277	31.8	19.8	29.6#
138	42.5	23.3	34.9#