Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE010617\
Data File : BE092630.D
Acq On : 6 Jan 2017 13:47
Operator : UM/SJ
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDCCC0.4

Quant Time: Jan 06 23:11:53 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE121916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 19 16:16:32 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	8814	5.00	ng		0.00
7) Naphthalene-d8	10.93	136	42518	5.00	ng		0.00
12) Acenaphthene-d10	14.80	164	29187	5.00	ng		0.00
18) Phenanthrene-d10	17.56	188	63859	5.00	ng		0.00
24) Chrysene-d12	21.72	240	85369	5.00	ng		0.00
31) Perylene-d12	24.08	264	74587	5.00	ng		0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.69	112	445	0.40	ng		0.00
5) Phenol-d6	7.38	99	662	0.42	ng		0.00
8) Nitrobenzene-d5	9.20	82	102	0.21	ng		-0.16
13) 2,4,6-Tribromophenol	16.31	330	209	0.42	ng		0.00
14) 2-Fluorobiphenyl	13.43	172	2581	0.37	ng		0.00
26) Terphenyl-d14	20.17	244	3650	0.35	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.39	88	545	0.38	ng		93
3) n-Nitrosodimethylamine	3.80	42	312	0.40	ng	#	91
6) bis(2-Chloroethyl)ether	7.59	93	665	0.36	ng	#	66
9) Naphthalene	10.97	128	3314	0.38	ng		97
10) Hexachlorobutadiene	11.26	225	505	0.38	ng		98
11) 2-Methylnaphthalene	12.64	142	1952	0.35	ng		98
15) Acenaphthylene	14.51	152	14395	0.36	ng		100
16) Acenaphthene	14.85	154	2444	0.37	ng		96
17) Fluorene	15.86	166	2996	0.37	ng		99
19) Hexachlorobenzene	16.87	284	1207	0.44	ng	#	68
20) Pentachlorophenol	17.23	266	147	0.41	ng		92
21) Phenanthrene	17.58	178	5652	0.35	ng	#	95
22) Anthracene	17.69	178	5073	0.34	ng		99
23) Fluoranthene	19.59	202	24513	0.35	ng		100
25) Pyrene	19.95	202	25383	0.34	ng		100
27) Benzo(a)anthracene	21.70	228	58458	0.76	ng		94
28) Chrysene	21.70	228	58747	0.66	ng	#	74
29) Bis(2-ethylhexyl)phthalate	21.61	149	1944	0.32	ng	#	76
30) Indeno(1,2,3-cd)pyrene	26.56	276	25879	0.32	ng		99
32) Benzo(b)fluoranthene	23.35	252	5803	0.34	ng		99
33) Benzo(k)fluoranthene	23.39	252	7187	0.38	ng		96
34) Benzo(a)pyrene	23.97	252	5660	0.34	ng		97
35) Dibenzo(a,h)anthracene	26.60	278	5050	0.32	ng		96
36) Benzo(g,h,i)perylene	27.33	276	23250	0.35	ng		97

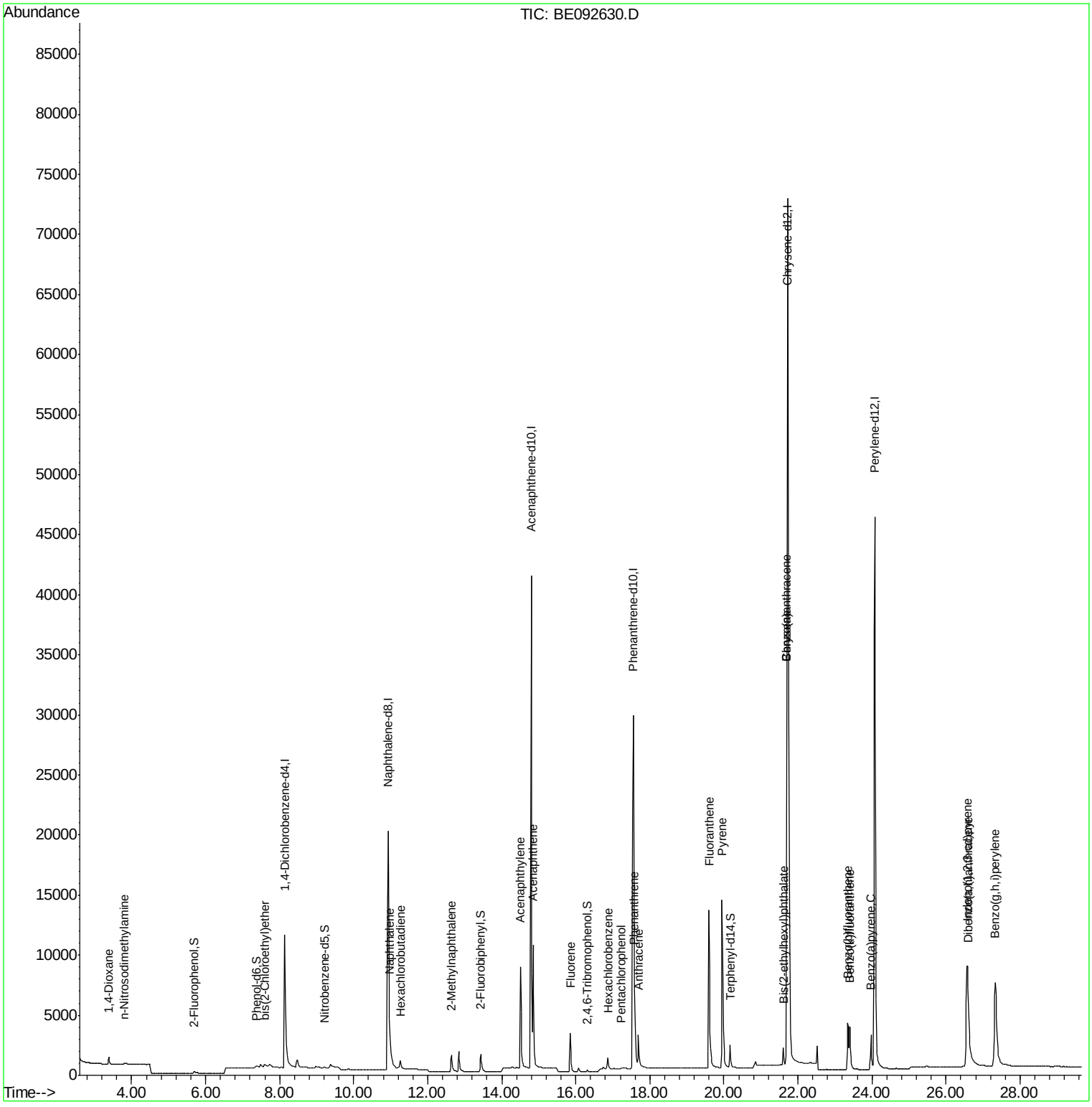
(#) = qualifier out of range (m) = manual integration (+) = signals summed

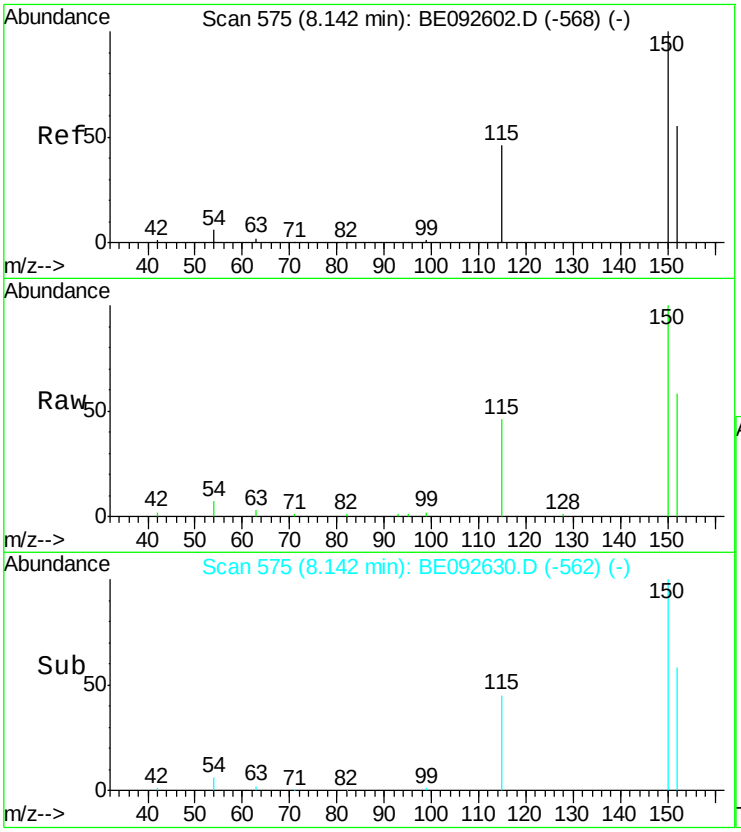
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE010617\
Data File : BE092630.D
Acq On : 6 Jan 2017 13:47
Operator : UM/SJ
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Quant Time: Jan 06 23:11:53 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE121916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 19 16:16:32 2016
Response via : Initial Calibration



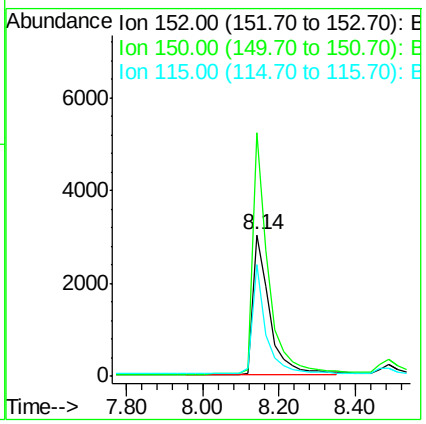


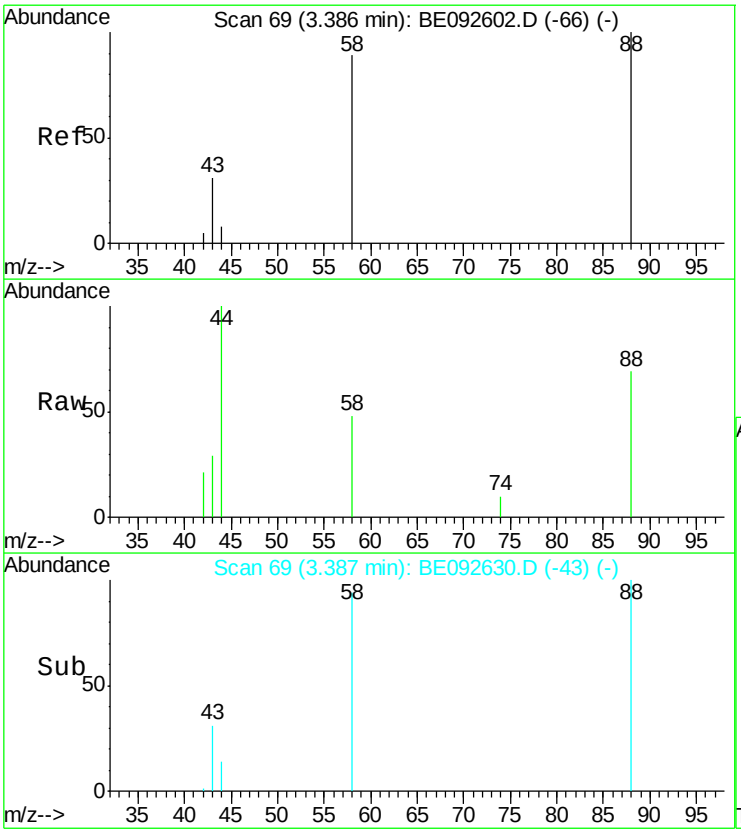
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 8.14 min Scan# 575
Delta R.T. -0.00 min
Lab File: BE092630.D
Acq: 6 Jan 2017 13:47

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:152 Resp: 8814

Ion	Ratio	Lower	Upper
152	100		
150	172.4	106.0	159.0#
115	78.9	31.2	46.8#

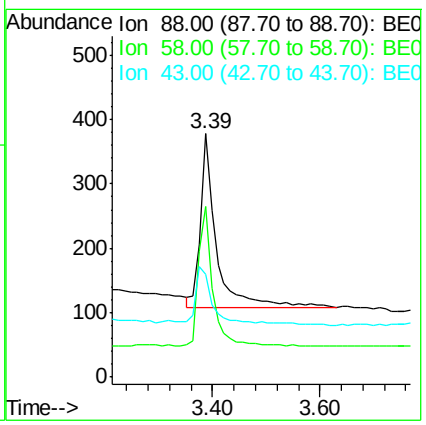


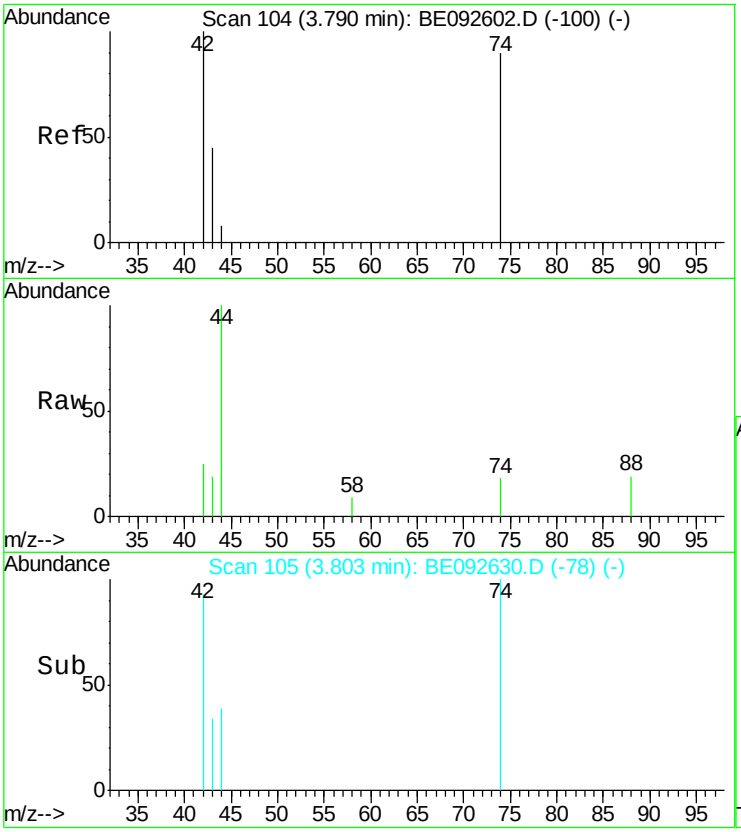


#2
1,4-Dioxane
Concen: 0.38 ng
RT: 3.39 min Scan# 69
Delta R.T. 0.00 min
Lab File: BE092630.D
Acq: 6 Jan 2017 13:47

Tgt Ion: 88 Resp: 545

Ion	Ratio	Lower	Upper
88	100		
58	73.0	63.6	95.4
43	31.4	28.0	42.0



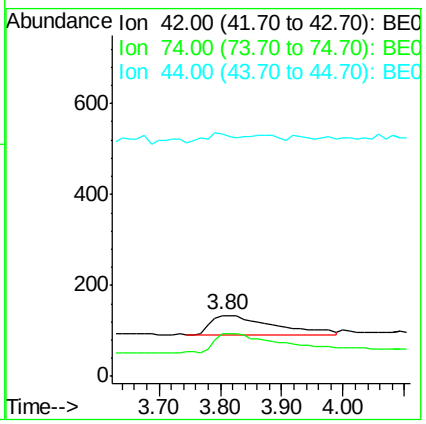


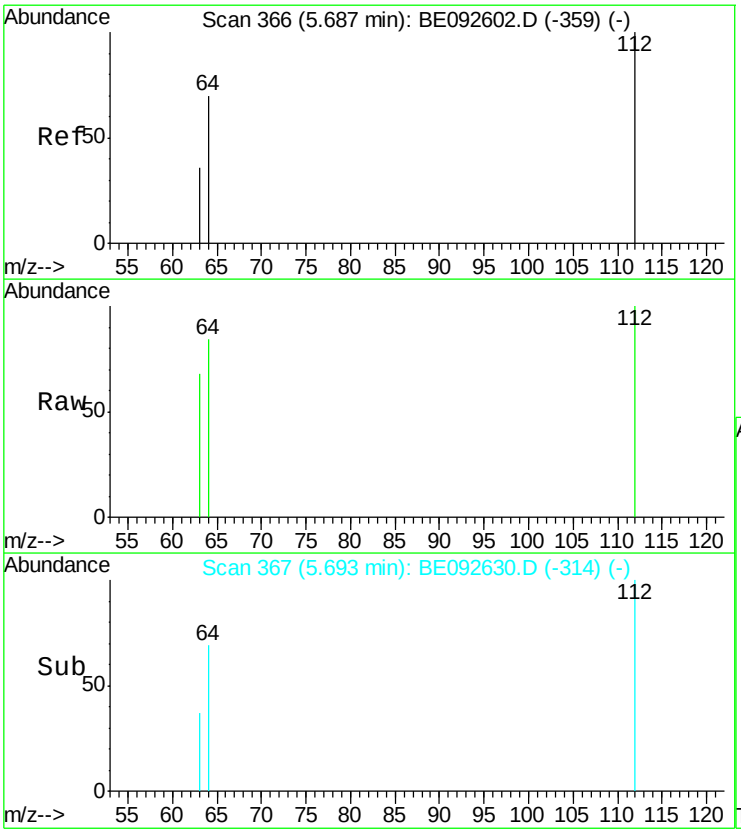
#3
n-Nitrosodimethylamine
Concen: 0.40 ng
RT: 3.80 min Scan# 105
Delta R.T. 0.01 min
Lab File: BE092630.D
Acq: 6 Jan 2017 13:47

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 42 Resp: 312

Ion	Ratio	Lower	Upper
42	100		
74	115.7	86.0	129.0
44	18.9	5.1	7.7#

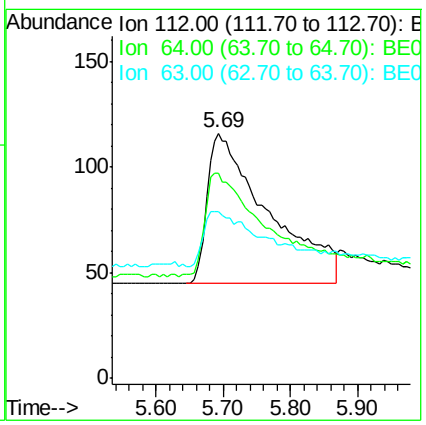


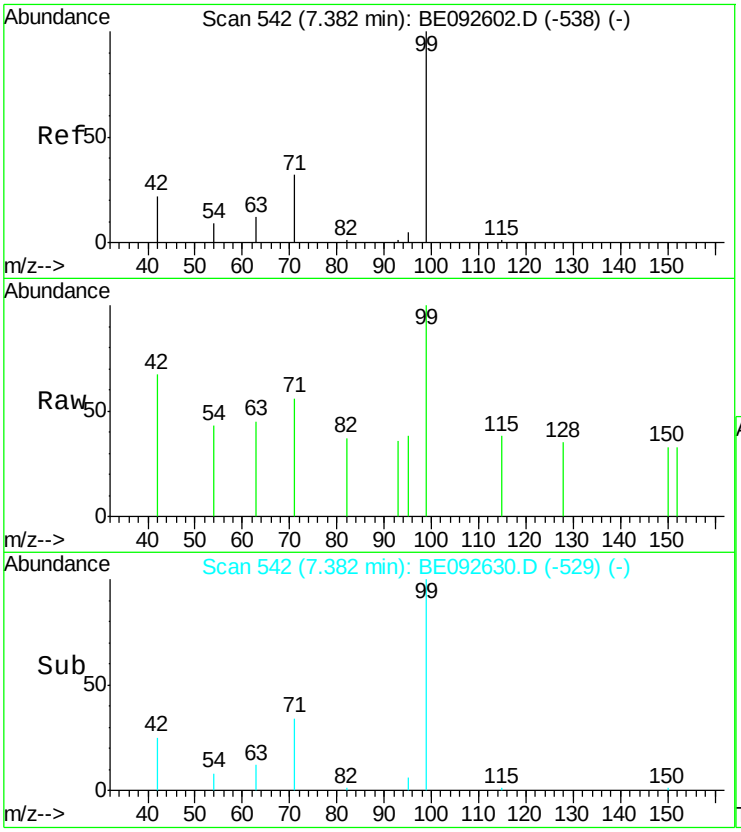


#4
2-Fluorophenol
Concen: 0.40 ng
RT: 5.69 min Scan# 367
Delta R.T. 0.01 min
Lab File: BE092630.D
Acq: 6 Jan 2017 13:47

Tgt Ion:112 Resp: 445

Ion	Ratio	Lower	Upper
112	100		
64	76.4	53.5	80.3
63	30.8	27.9	41.9



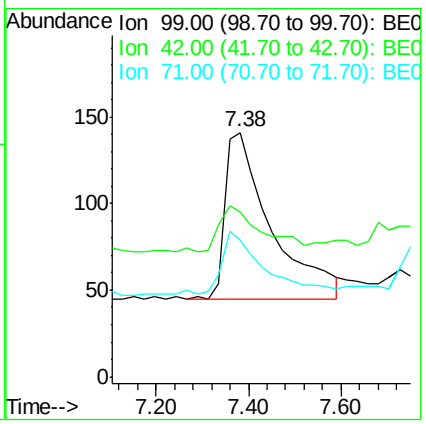


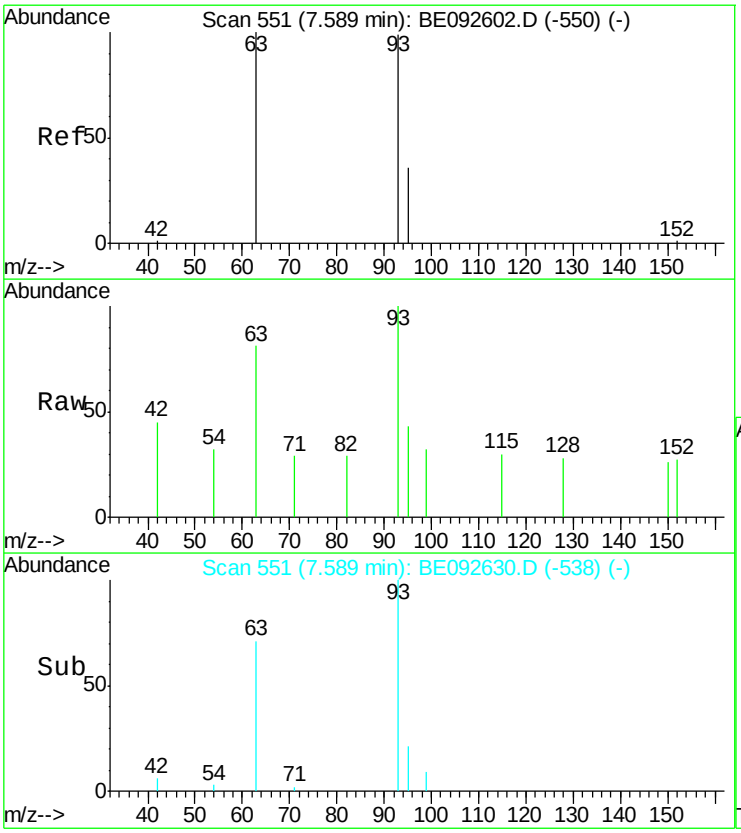
#5
Phenol-d6
Concen: 0.42 ng
RT: 7.38 min Scan# 542
Delta R.T. 0.00 min
Lab File: BE092630.D
Acq: 6 Jan 2017 13:47

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 99 Resp: 662

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

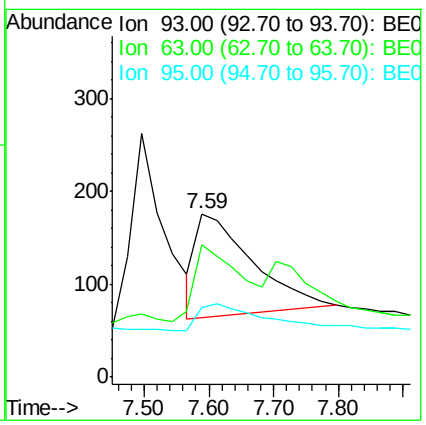


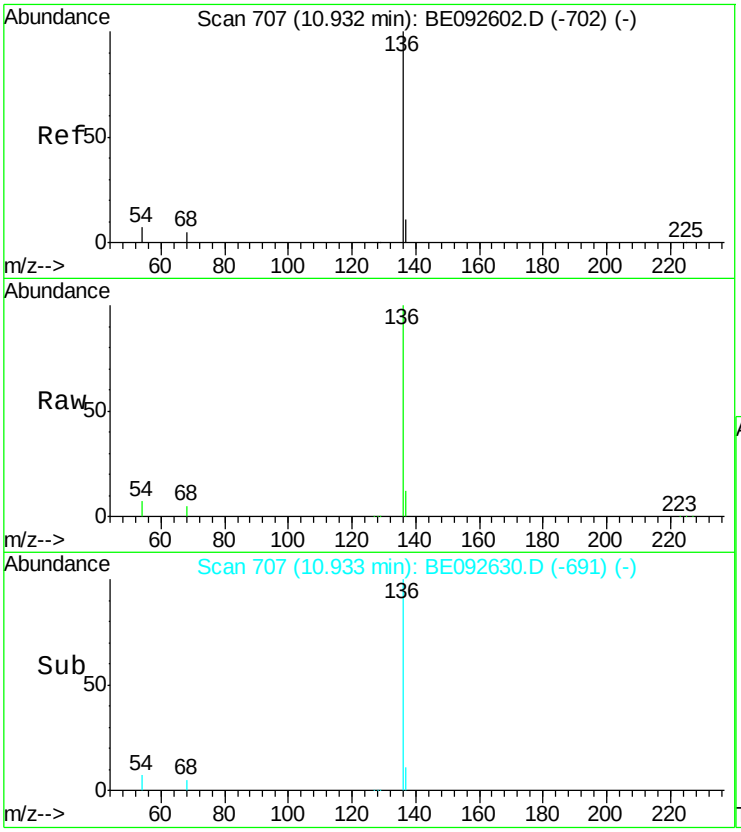


#6
bis(2-Chloroethyl)ether
Concen: 0.36 ng
RT: 7.59 min Scan# 551
Delta R.T. -0.00 min
Lab File: BE092630.D
Acq: 6 Jan 2017 13:47

Tgt Ion: 93 Resp: 665

Ion	Ratio	Lower	Upper
93	100		
63	64.2	71.6	107.4#
95	0.0	24.0	36.0#



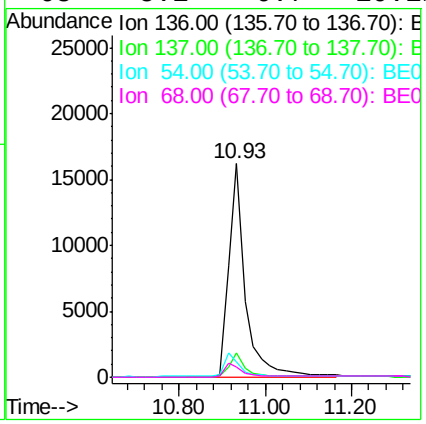


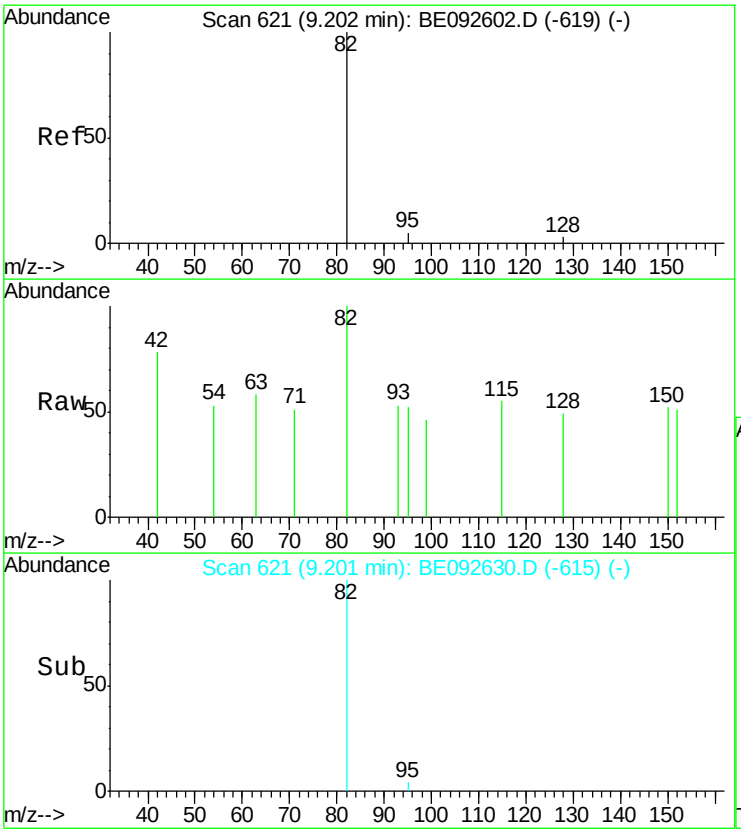
#7
Naphthalene-d8
Concen: 5.00 ng
RT: 10.93 min Scan# 707
Delta R.T. 0.00 min
Lab File: BE092630.D
Acq: 6 Jan 2017 13:47

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:136 Resp: 42518

Ion	Ratio	Lower	Upper
136	100		
137	11.6	8.2	12.4
54	7.1	9.6	14.4#
68	5.1	6.7	10.1#

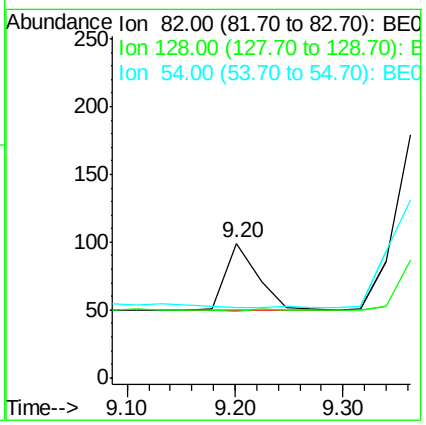


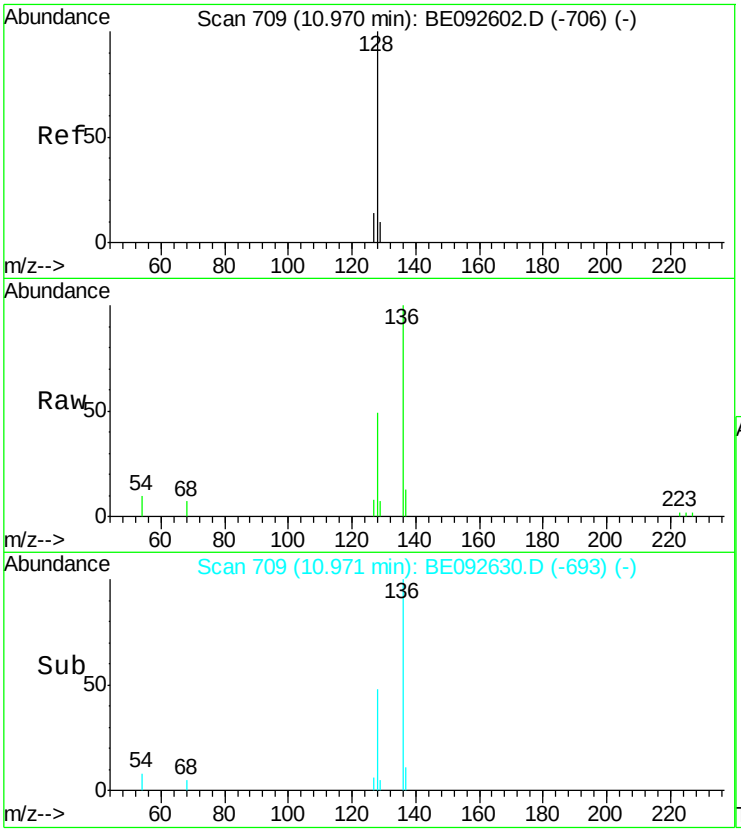


#8
Nitrobenzene-d5
Concen: 0.21 ng
RT: 9.20 min Scan# 621
Delta R.T. -0.16 min
Lab File: BE092630.D
Acq: 6 Jan 2017 13:47

Tgt Ion: 82 Resp: 102

Ion	Ratio	Lower	Upper
82	100		
128	49.5	39.0	58.4
54	52.5	44.8	67.2



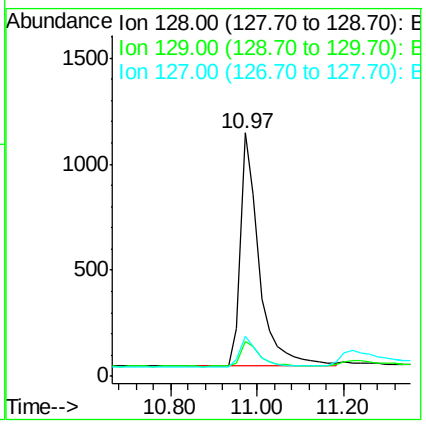


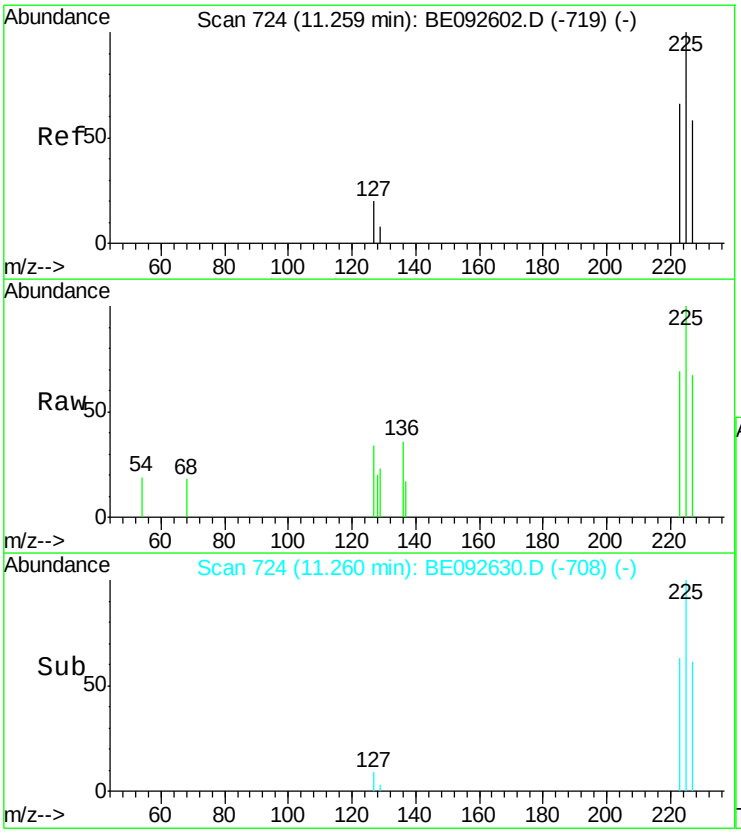
#9
Naphthalene
Concen: 0.38 ng
RT: 10.97 min Scan# 709
Delta R.T. 0.00 min
Lab File: BE092630.D
Acq: 6 Jan 2017 13:47

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:128 Resp: 3314

Ion	Ratio	Lower	Upper
128	100		
129	14.3	11.2	16.8
127	16.7	11.6	17.4

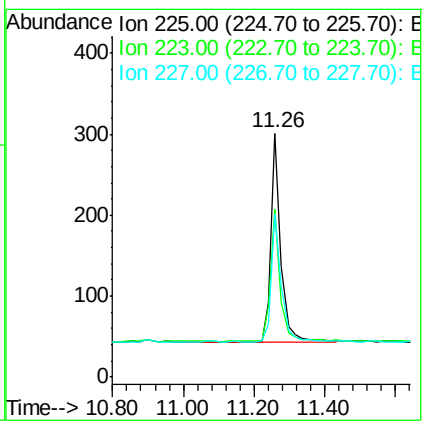


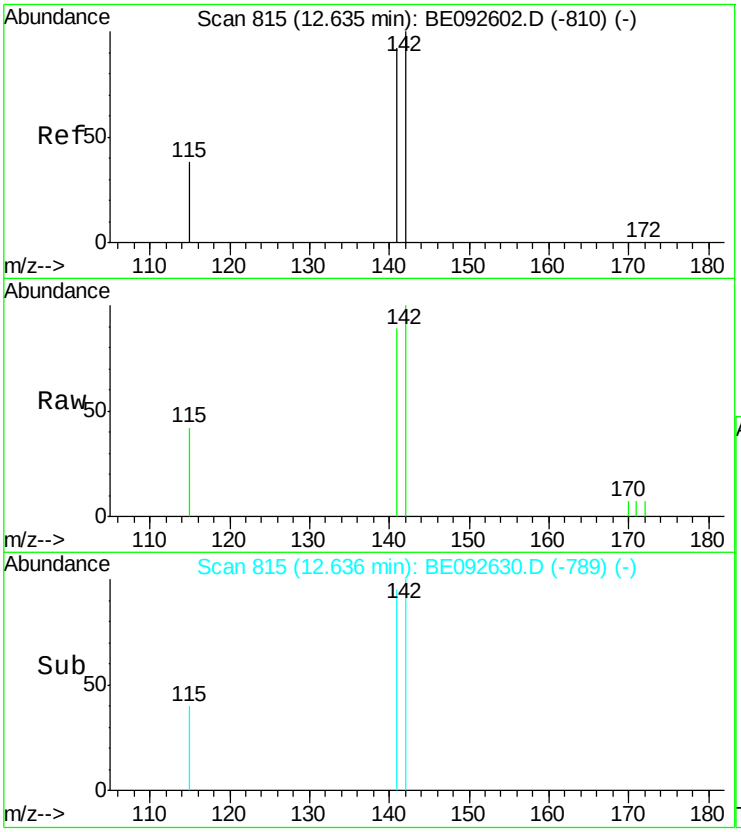


#10
Hexachlorobutadiene
Concen: 0.38 ng
RT: 11.26 min Scan# 724
Delta R.T. 0.00 min
Lab File: BE092630.D
Acq: 6 Jan 2017 13:47

Tgt Ion:225 Resp: 505

Ion	Ratio	Lower	Upper
225	100		
223	62.2	50.6	76.0
227	62.6	51.4	77.0



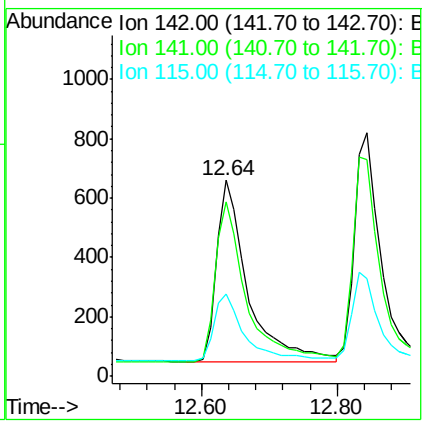


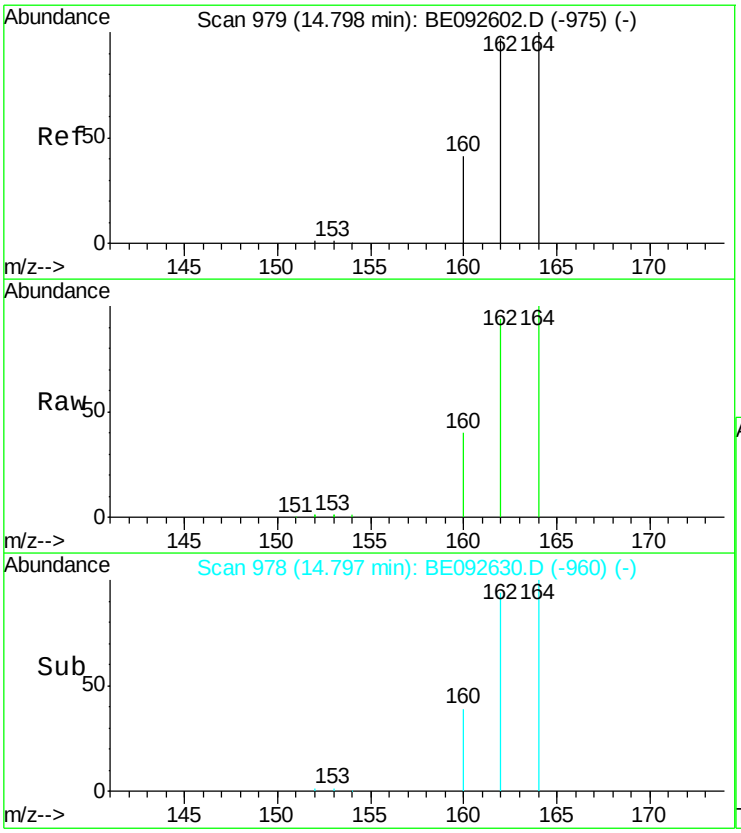
#11
2-Methylnaphthalene
Concen: 0.35 ng
RT: 12.64 min Scan# 815
Delta R.T. 0.00 min
Lab File: BE092630.D
Acq: 6 Jan 2017 13:47

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:142 Resp: 1952

Ion	Ratio	Lower	Upper
142	100		
141	89.4	73.7	110.5
115	42.0	34.0	51.0

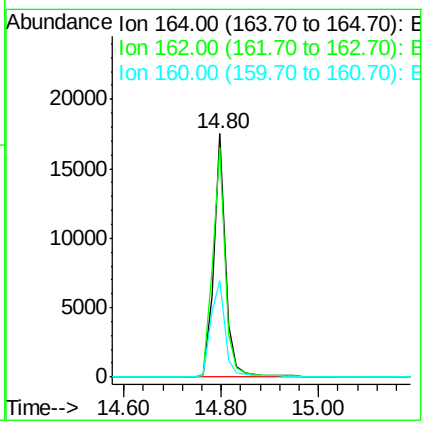


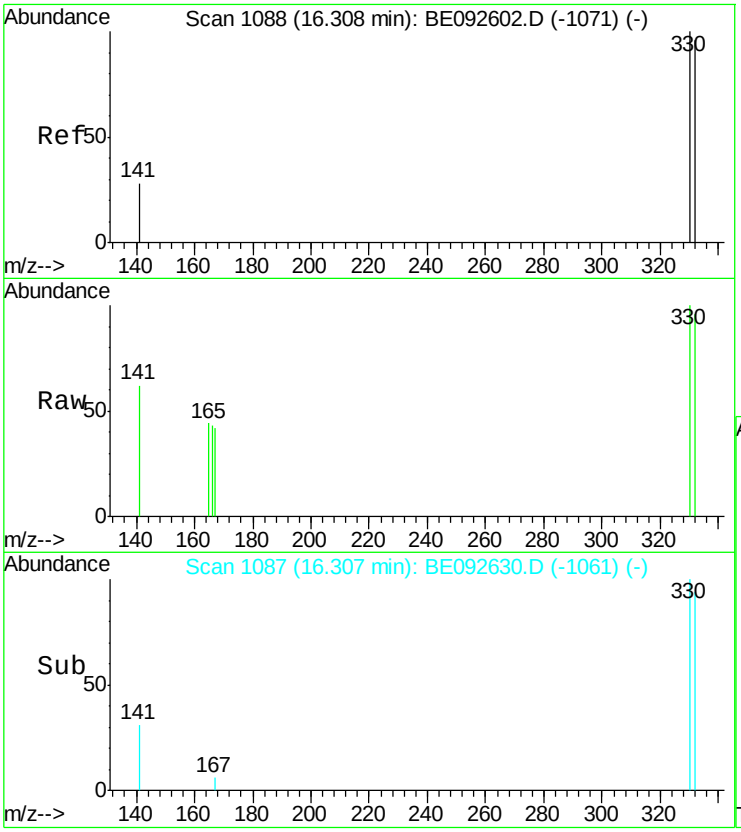


#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.80 min Scan# 978
Delta R.T. -0.00 min
Lab File: BE092630.D
Acq: 6 Jan 2017 13:47

Tgt Ion:164 Resp: 29187

Ion	Ratio	Lower	Upper
164	100		
162	94.5	71.4	107.0
160	39.6	27.4	41.2



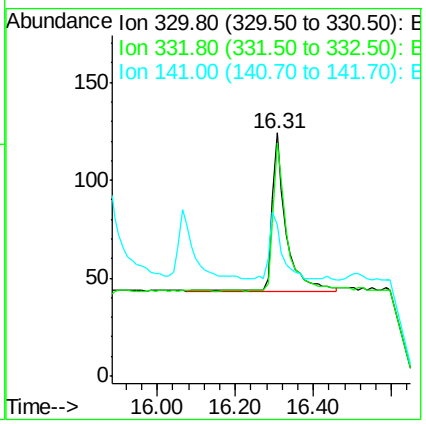


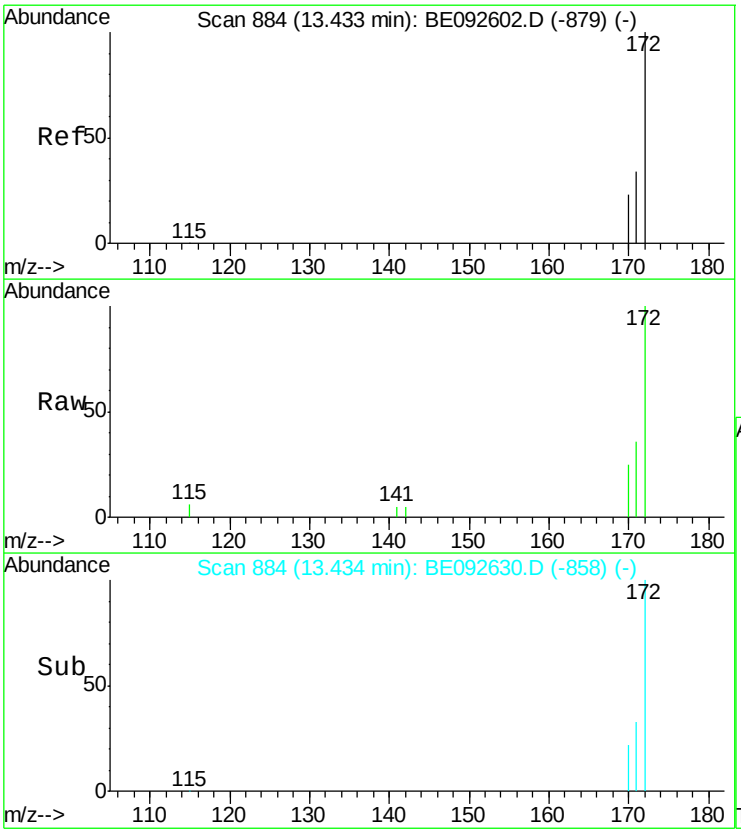
#13
2,4,6-Tribromophenol
Concen: 0.42 ng
RT: 16.31 min Scan# 1087
Delta R.T. 0.00 min
Lab File: BE092630.D
Acq: 6 Jan 2017 13:47

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:330 Resp: 209

Ion	Ratio	Lower	Upper
330	100		
332	90.9	75.4	113.0
141	36.4	31.0	46.6

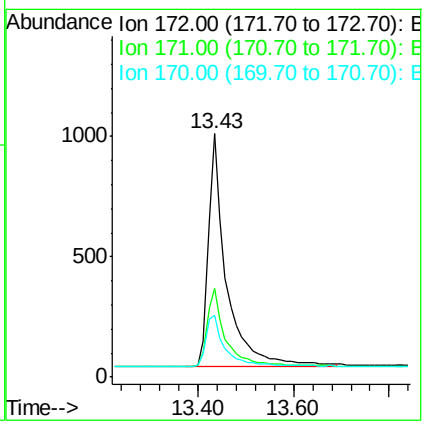


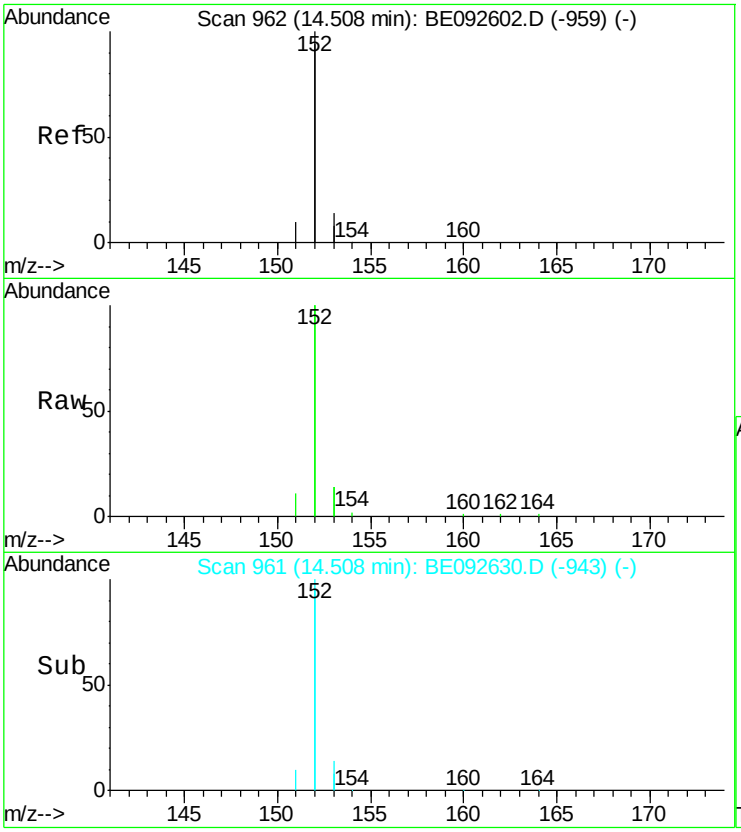


#14
2-Fluorobiphenyl
Concen: 0.37 ng
RT: 13.43 min Scan# 884
Delta R.T. 0.00 min
Lab File: BE092630.D
Acq: 6 Jan 2017 13:47

Tgt Ion:172 Resp: 2581

Ion	Ratio	Lower	Upper
172	100		
171	36.5	30.1	45.1
170	25.3	21.8	32.6



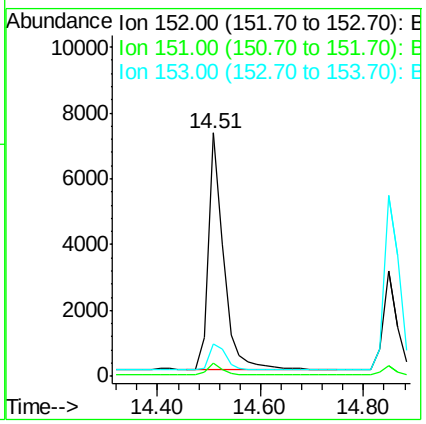


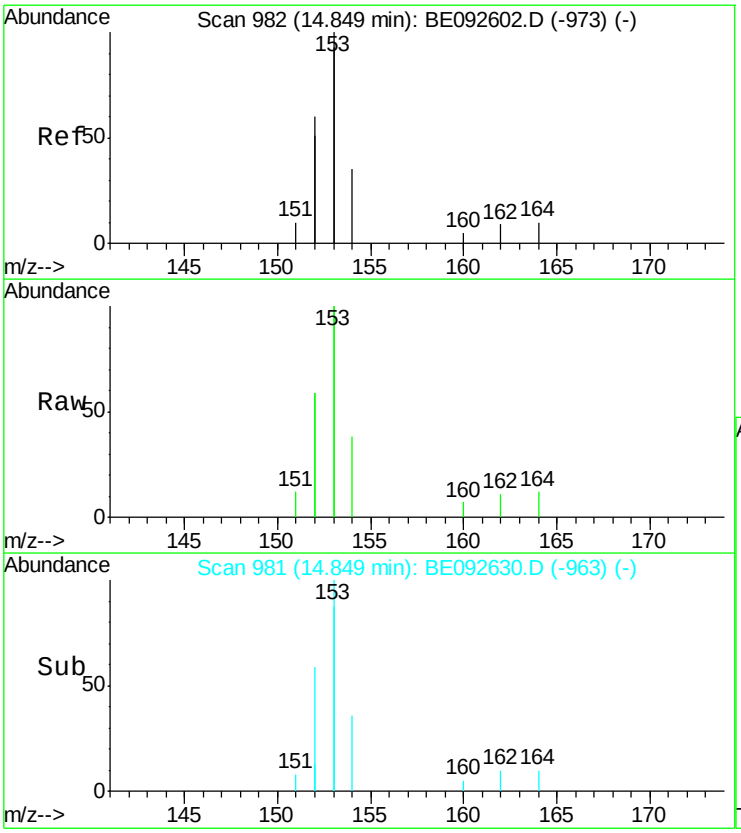
#15
Acenaphthylene
Concen: 0.36 ng
RT: 14.51 min Scan# 961
Delta R.T. -0.00 min
Lab File: BE092630.D
Acq: 6 Jan 2017 13:47

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:152 Resp: 14395

Ion	Ratio	Lower	Upper
152	100		
151	5.0	3.9	5.9
153	13.0	10.4	15.6

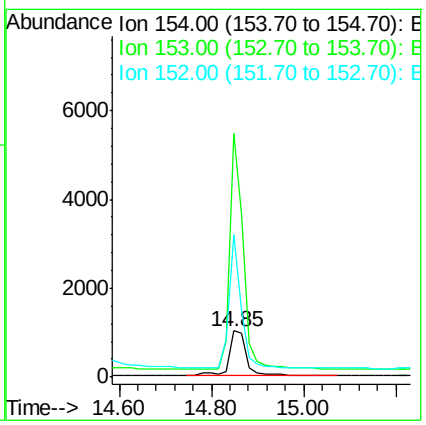


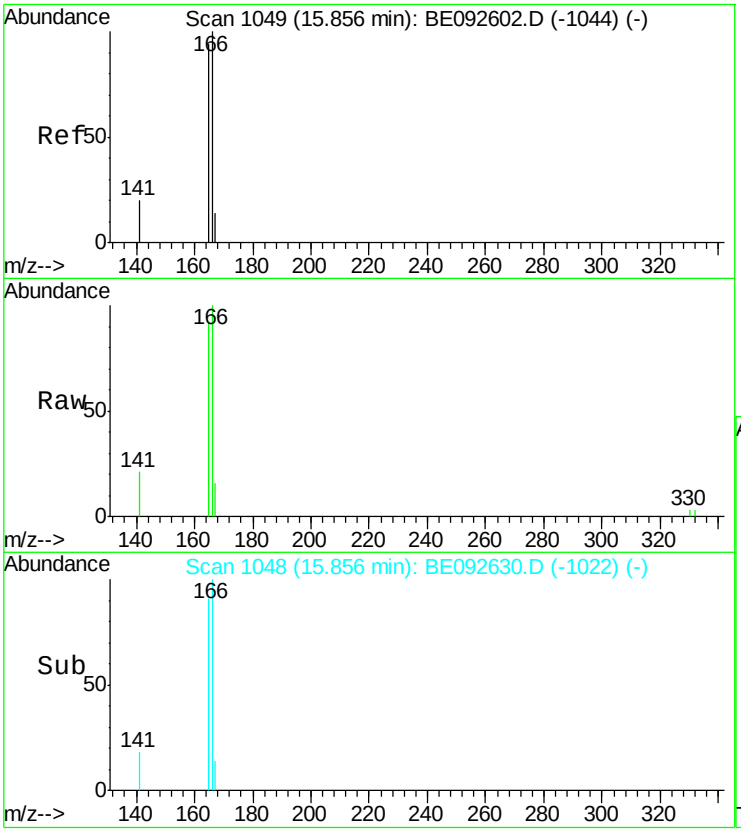


#16
Acenaphthene
Concen: 0.37 ng
RT: 14.85 min Scan# 981
Delta R.T. -0.00 min
Lab File: BE092630.D
Acq: 6 Jan 2017 13:47

Tgt Ion:154 Resp: 2444

Ion	Ratio	Lower	Upper
154	100		
153	436.7	350.8	526.2
152	229.7	171.1	256.7



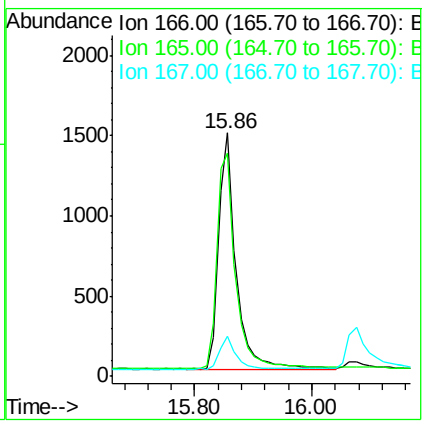


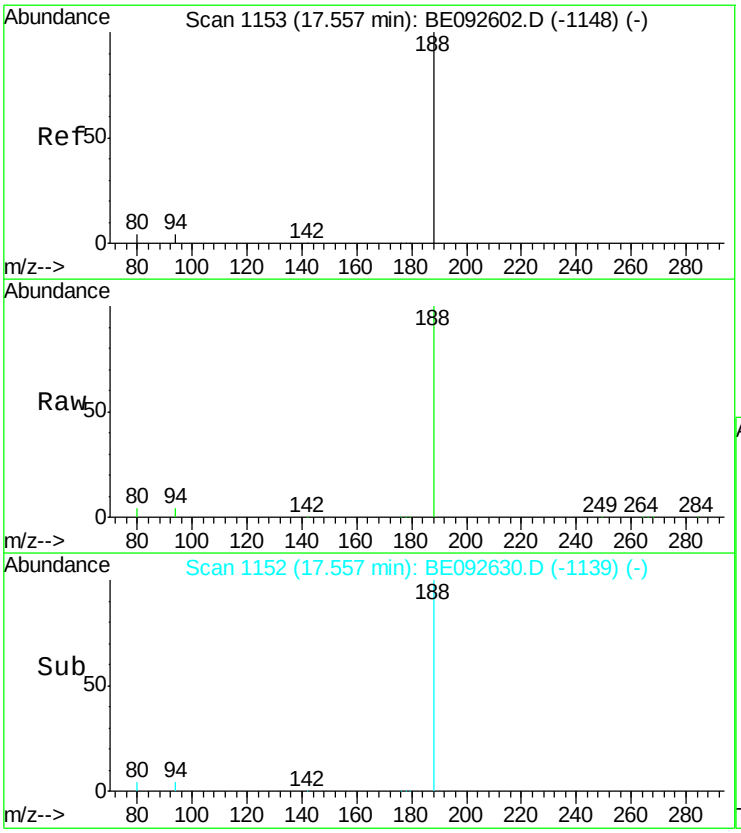
#17
Fluorene
Concen: 0.37 ng
RT: 15.86 min Scan# 1048
Delta R.T. -0.00 min
Lab File: BE092630.D
Acq: 6 Jan 2017 13:47

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:166 Resp: 2996

Ion	Ratio	Lower	Upper
166	100		
165	98.3	78.2	117.4
167	13.4	11.0	16.4

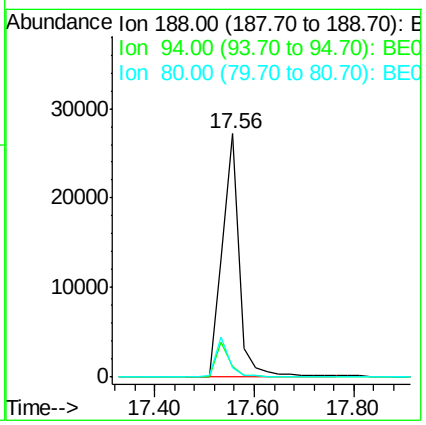


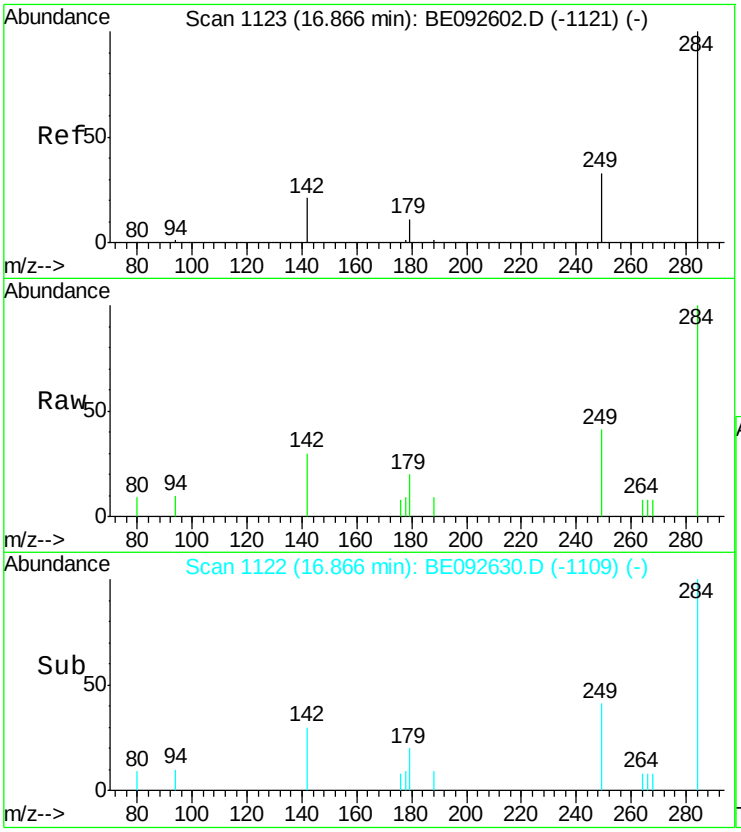


#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.56 min Scan# 1152
Delta R.T. -0.00 min
Lab File: BE092630.D
Acq: 6 Jan 2017 13:47

Tgt Ion:188 Resp: 63859

Ion	Ratio	Lower	Upper
188	100		
94	4.3	3.2	4.8
80	3.9	2.6	3.8#



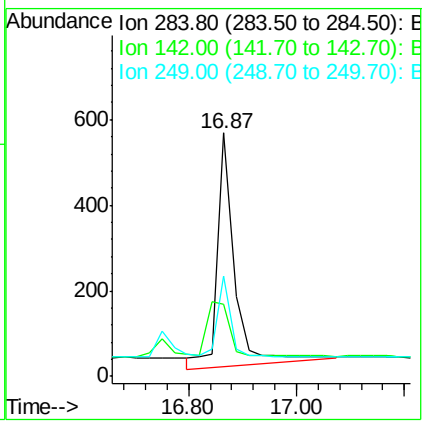


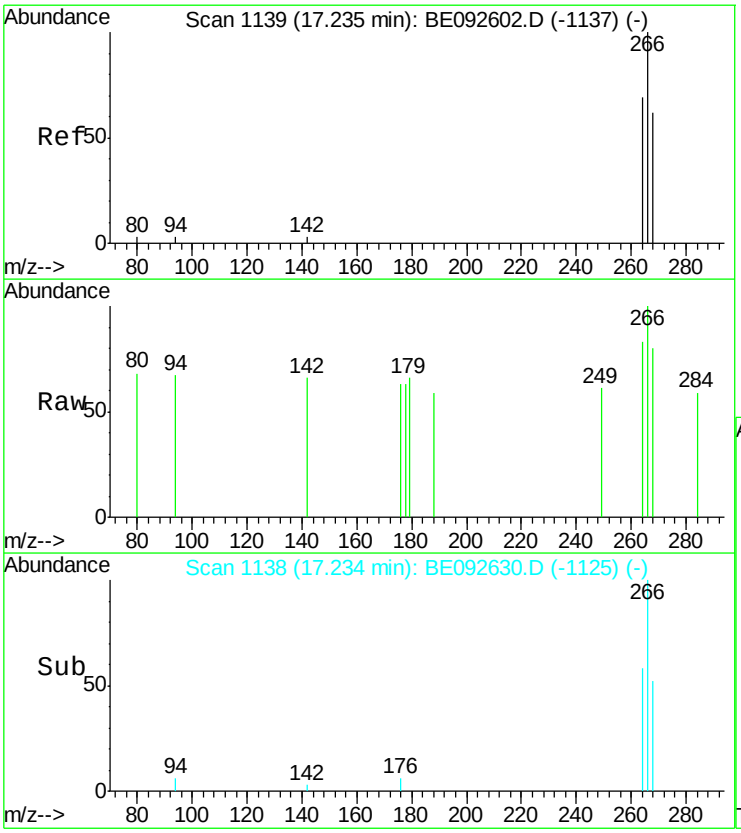
#19
Hexachlorobenzene
Concen: 0.44 ng
RT: 16.87 min Scan# 1122
Delta R.T. -0.00 min
Lab File: BE092630.D
Acq: 6 Jan 2017 13:47

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:284 Resp: 1207

Ion	Ratio	Lower	Upper
284	100		
142	0.0	29.1	43.7#
249	35.0	27.9	41.9

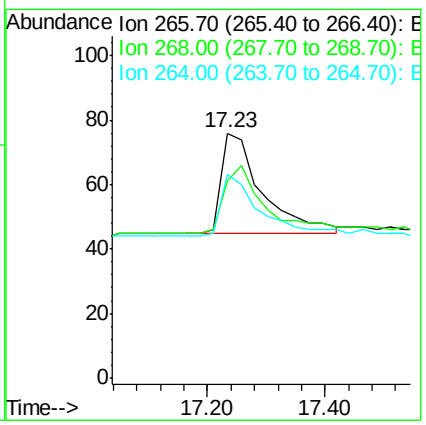


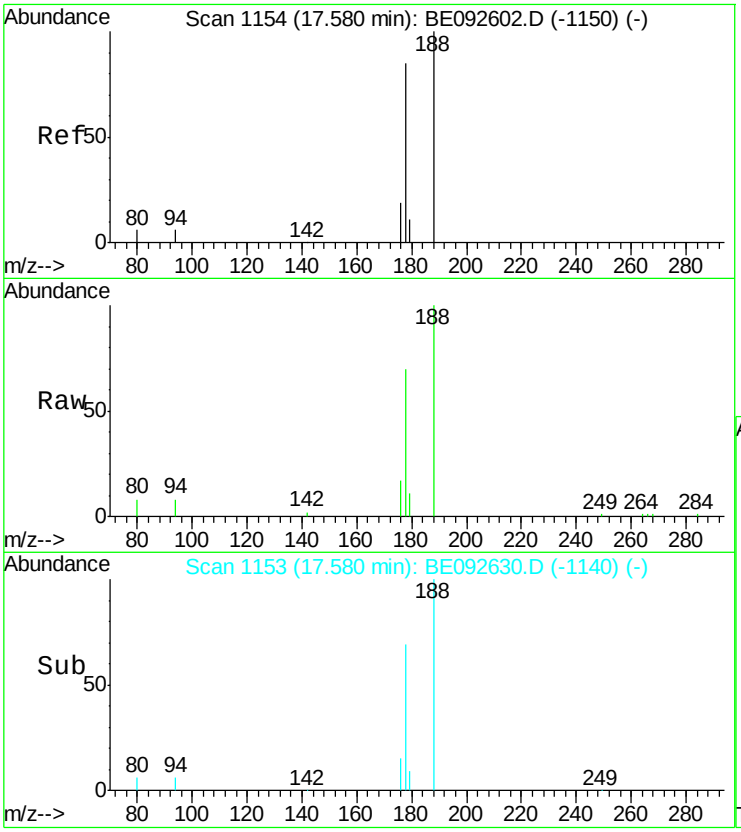


#20
Pentachlorophenol
Concen: 0.41 ng
RT: 17.23 min Scan# 1138
Delta R.T. 0.00 min
Lab File: BE092630.D
Acq: 6 Jan 2017 13:47

Tgt Ion:266 Resp: 147

Ion	Ratio	Lower	Upper
266	100		
268	80.3	62.5	93.7
264	82.9	57.2	85.8



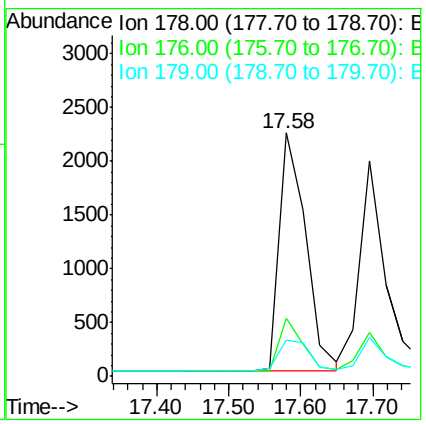


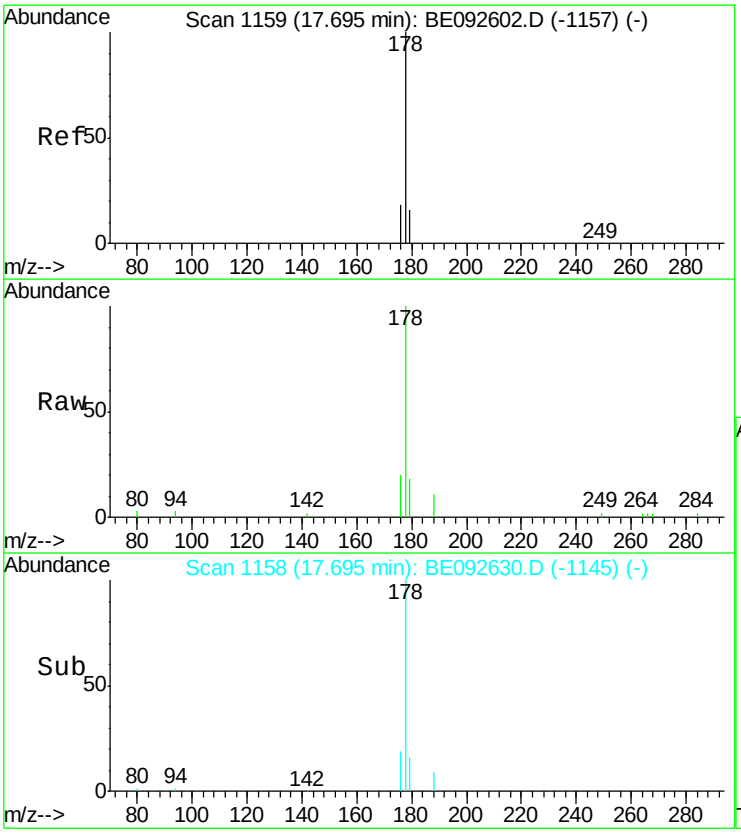
#21
Phenanthrene
Concen: 0.35 ng
RT: 17.58 min Scan# 1153
Delta R.T. -0.00 min
Lab File: BE092630.D
Acq: 6 Jan 2017 13:47

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:178 Resp: 5652

Ion	Ratio	Lower	Upper
178	100		
176	19.9	15.8	23.8
179	15.8	16.0	24.0#

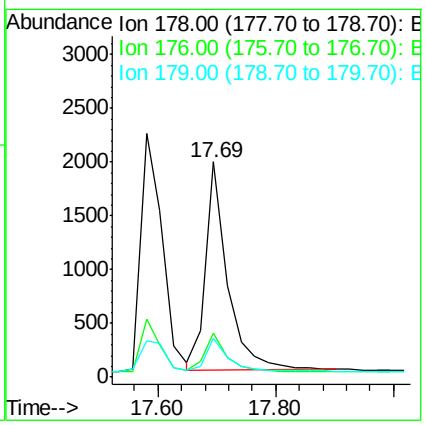


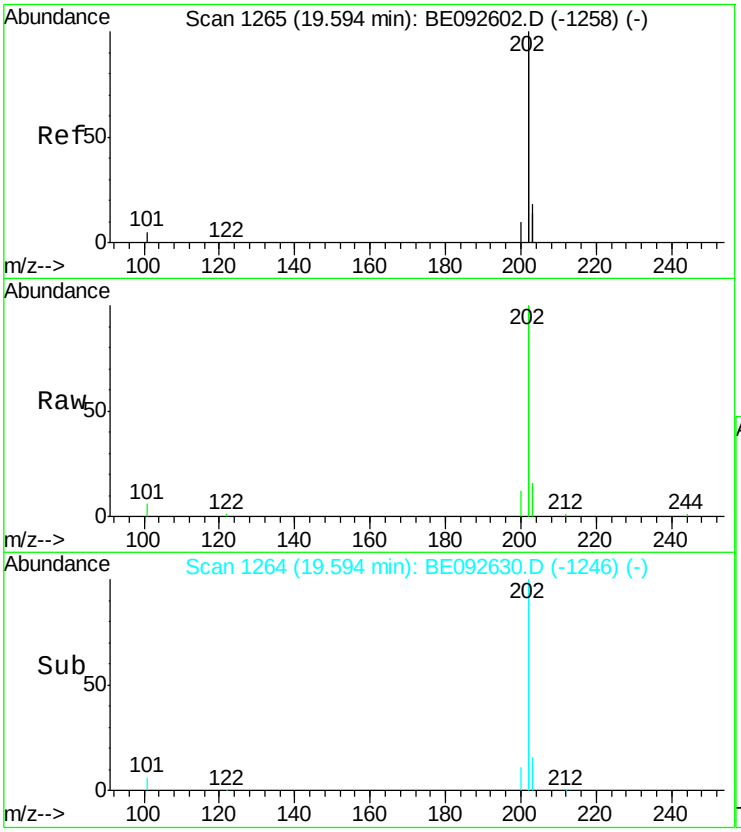


#22
Anthracene
Concen: 0.34 ng
RT: 17.69 min Scan# 1158
Delta R.T. -0.00 min
Lab File: BE092630.D
Acq: 6 Jan 2017 13:47

Tgt Ion:178 Resp: 5073

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.0	22.4
179	15.9	12.2	18.2



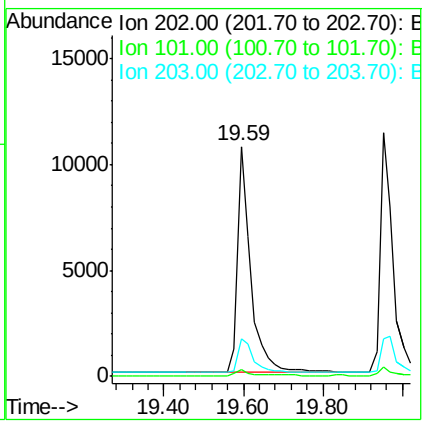


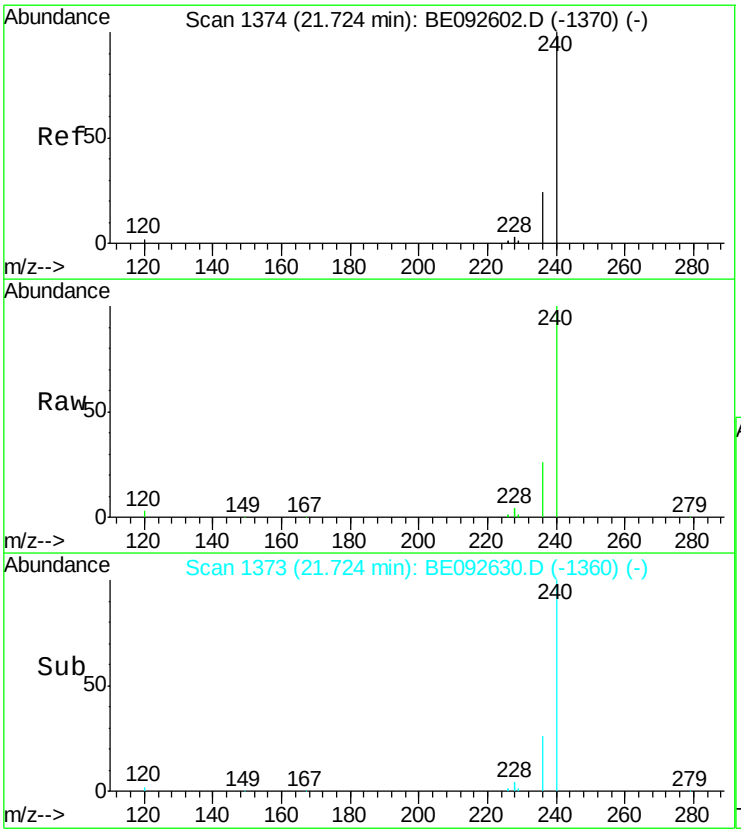
#23
Fluoranthene
Concen: 0.35 ng
RT: 19.59 min Scan# 1264
Delta R.T. -0.00 min
Lab File: BE092630.D
Acq: 6 Jan 2017 13:47

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:202 Resp: 24513

Ion	Ratio	Lower	Upper
202	100		
101	2.8	2.2	3.4
203	17.3	13.7	20.5

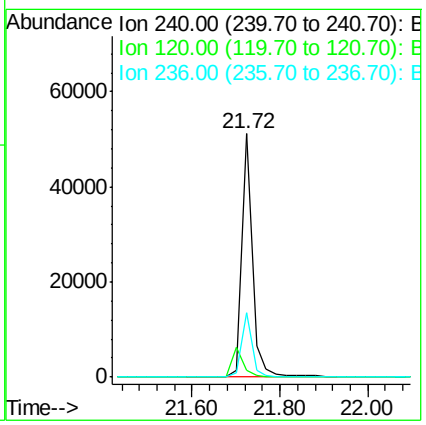


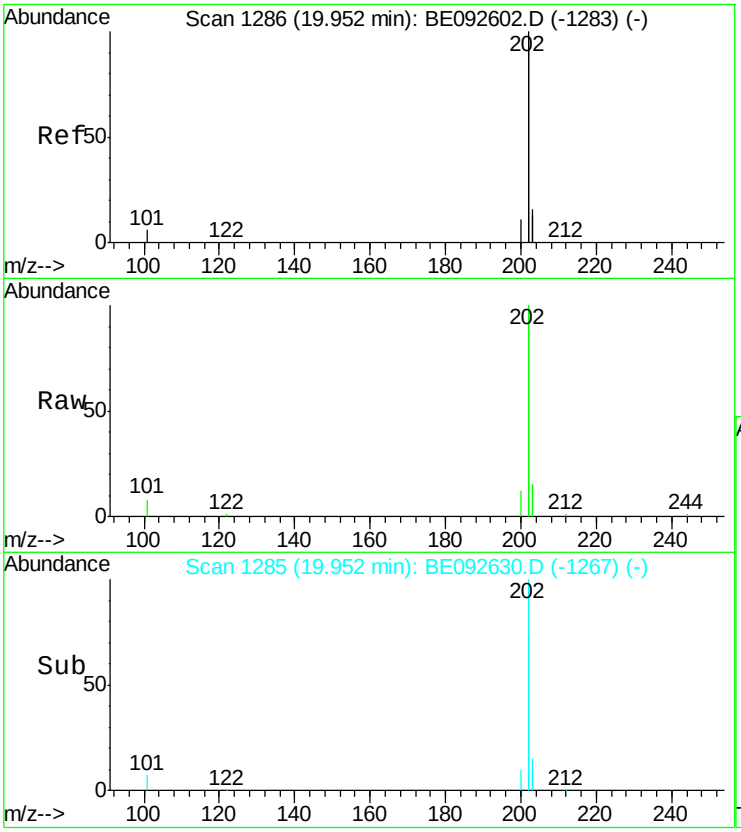


#24
Chrysene-d12
Concen: 5.00 ng
RT: 21.72 min Scan# 1373
Delta R.T. -0.00 min
Lab File: BE092630.D
Acq: 6 Jan 2017 13:47

Tgt Ion:240 Resp: 85369

Ion	Ratio	Lower	Upper
240	100		
120	2.6	2.6	4.0#
236	26.3	24.6	37.0



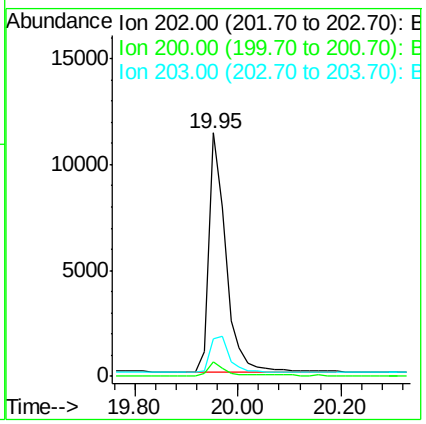


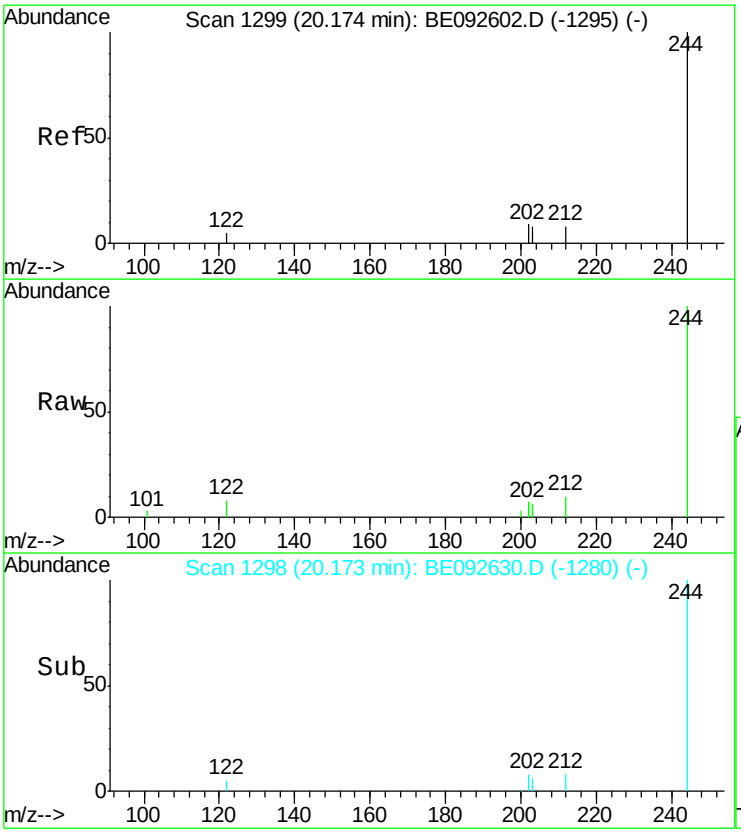
#25
Pyrene
Concen: 0.34 ng
RT: 19.95 min Scan# 1285
Delta R.T. -0.00 min
Lab File: BE092630.D
Acq: 6 Jan 2017 13:47

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:202 Resp: 25383

Ion	Ratio	Lower	Upper
202	100		
200	5.3	4.2	6.4
203	17.4	13.9	20.9

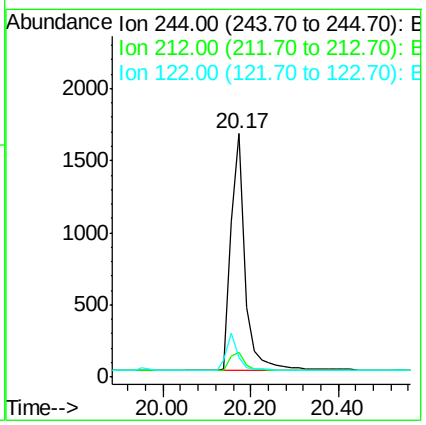


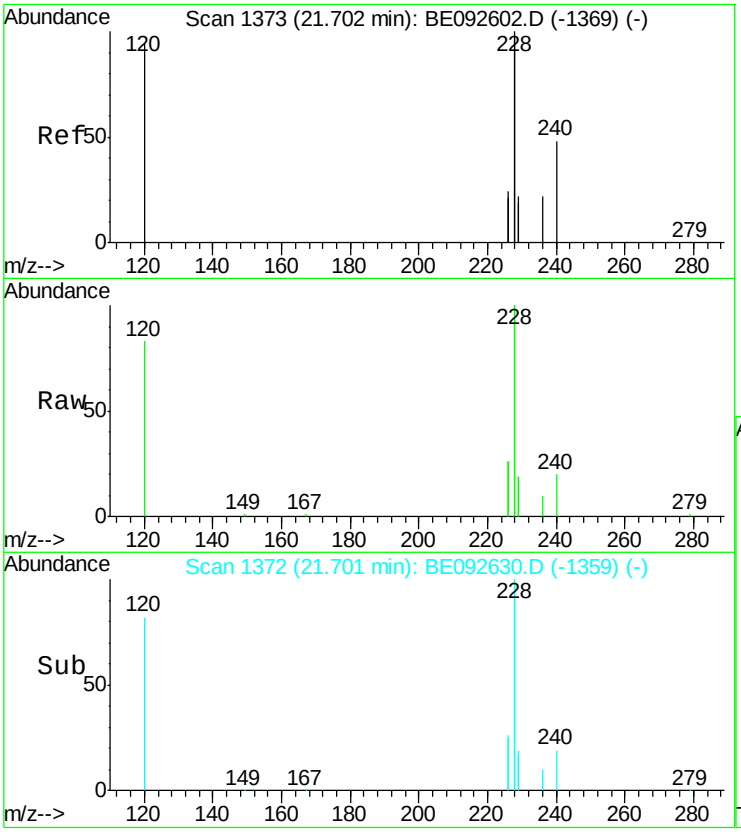


#26
Terphenyl-d14
Concen: 0.35 ng
RT: 20.17 min Scan# 1298
Delta R.T. -0.00 min
Lab File: BE092630.D
Acq: 6 Jan 2017 13:47

Tgt Ion:244 Resp: 3650

Ion	Ratio	Lower	Upper
244	100		
212	10.2	6.7	10.1#
122	7.9	3.6	5.4#



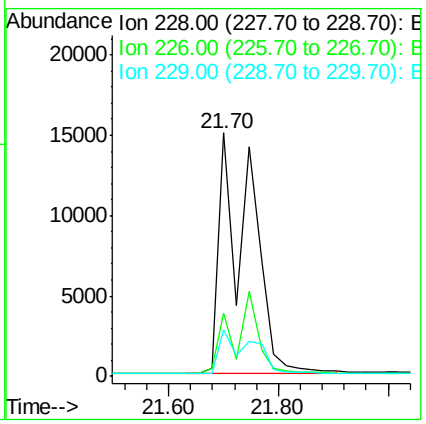


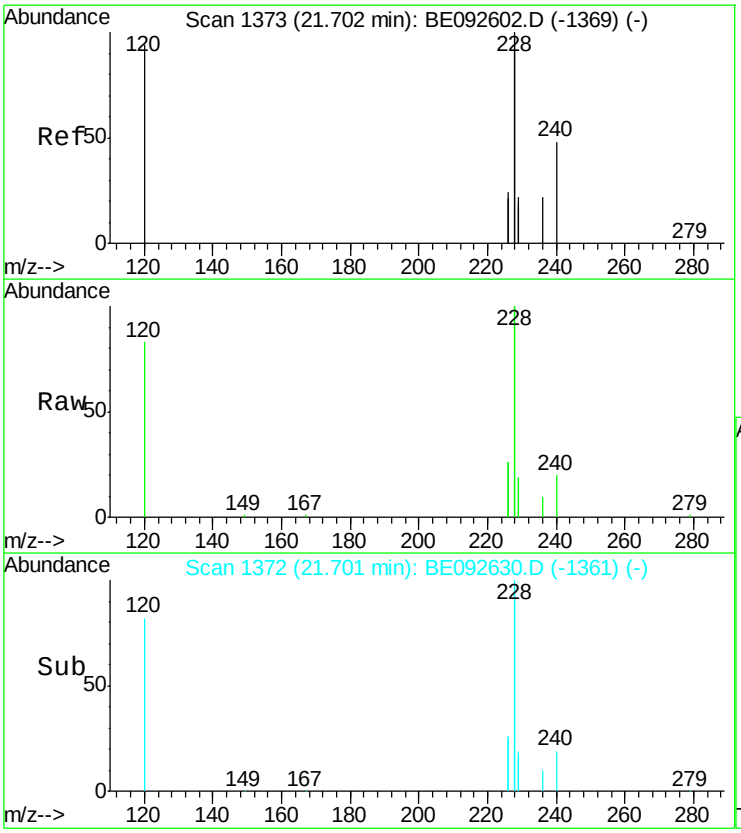
#27
Benzo(a)anthracene
Concen: 0.76 ng
RT: 21.70 min Scan# 1372
Delta R.T. -0.00 min
Lab File: BE092630.D
Acq: 6 Jan 2017 13:47

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:228 Resp: 58458

Ion	Ratio	Lower	Upper
228	100		
226	26.1	23.6	35.4
229	19.0	13.3	19.9

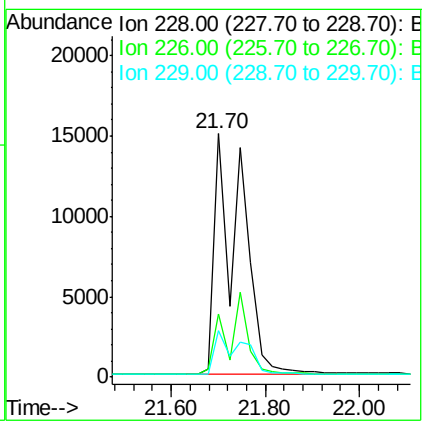


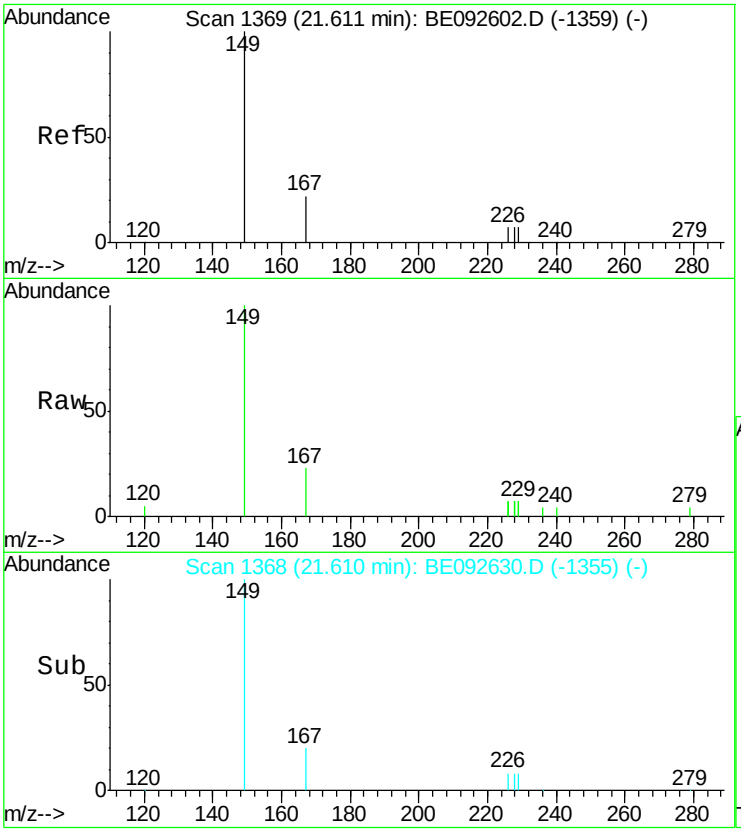


#28
Chrysene
Concen: 0.66 ng
RT: 21.70 min Scan# 1372
Delta R.T. -0.05 min
Lab File: BE092630.D
Acq: 6 Jan 2017 13:47

Tgt Ion:228 Resp: 58747

Ion	Ratio	Lower	Upper
228	100		
226	26.1	36.3	54.5#
229	19.0	10.6	16.0#



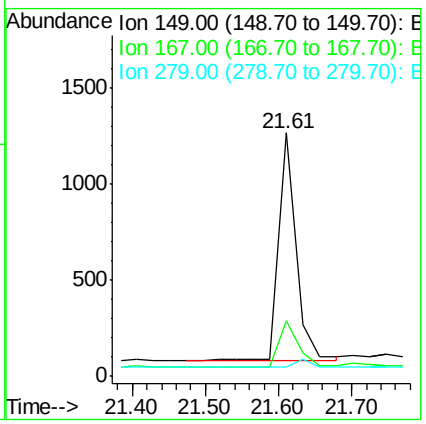


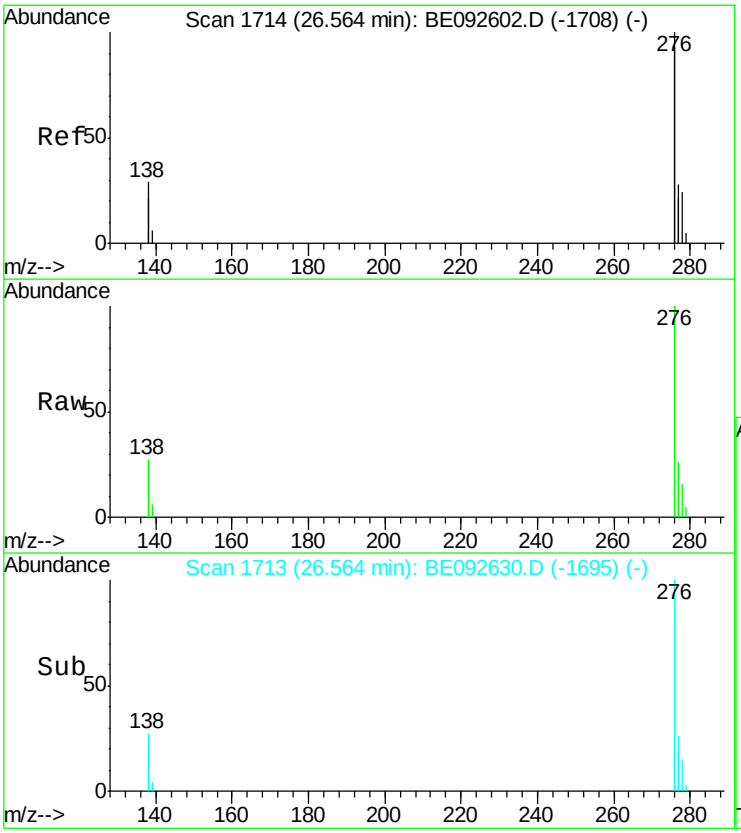
#29
Bis(2-ethylhexyl)phthalate
Concen: 0.32 ng
RT: 21.61 min Scan# 1368
Delta R.T. 0.00 min
Lab File: BE092630.D
Acq: 6 Jan 2017 13:47

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:149 Resp: 1944

Ion	Ratio	Lower	Upper
149	100		
167	22.2	16.0	24.0
279	0.0	16.0	24.0#

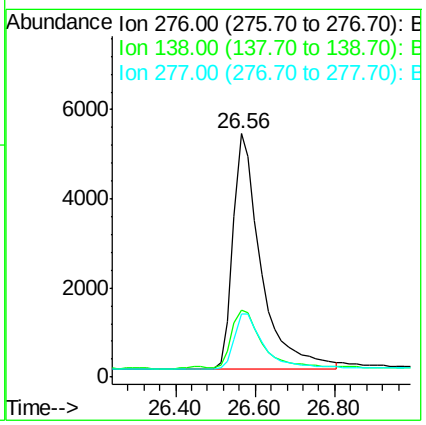


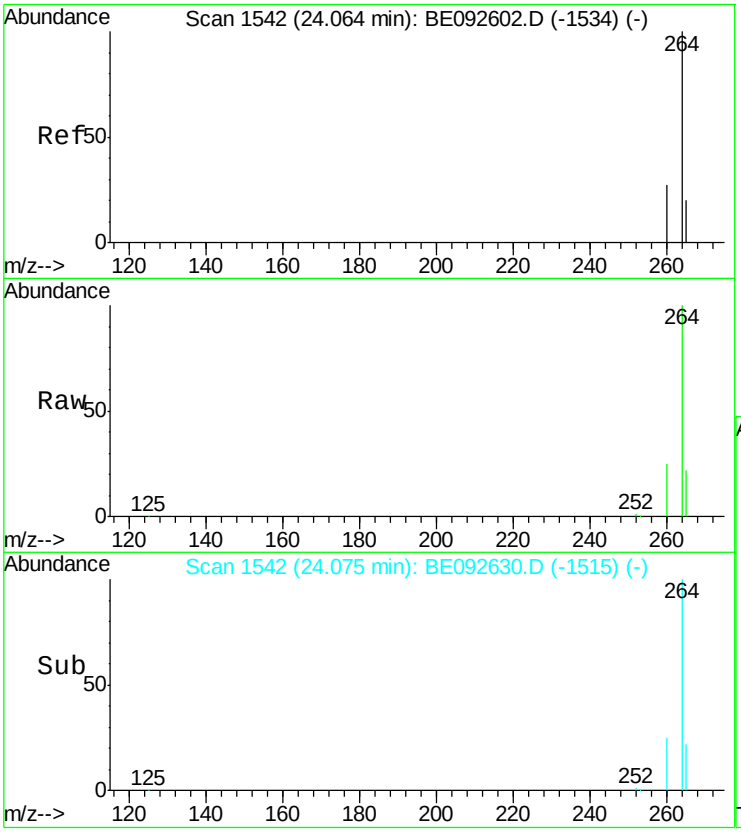


#30
Indeno(1,2,3-cd)pyrene
Concen: 0.32 ng
RT: 26.56 min Scan# 1713
Delta R.T. -0.00 min
Lab File: BE092630.D
Acq: 6 Jan 2017 13:47

Tgt Ion:276 Resp: 25879

Ion	Ratio	Lower	Upper
276	100		
138	26.4	20.3	30.5
277	24.7	19.7	29.5



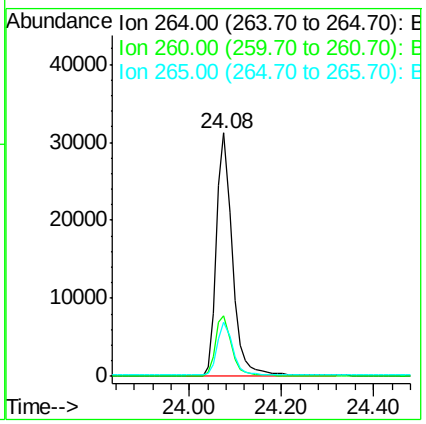


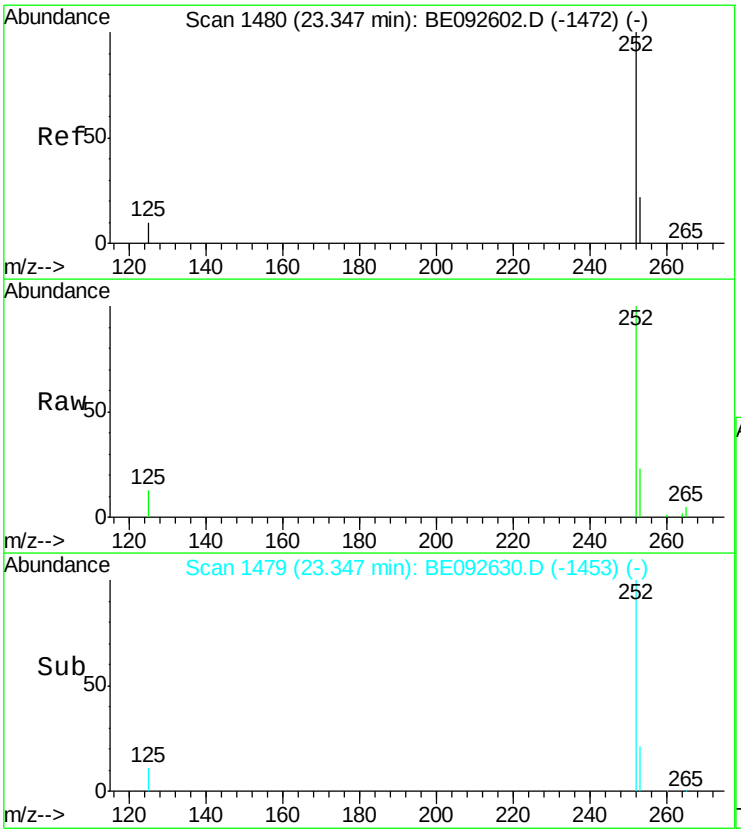
#31
Perylene-d12
Concen: 5.00 ng
RT: 24.08 min Scan# 1542
Delta R.T. 0.01 min
Lab File: BE092630.D
Acq: 6 Jan 2017 13:47

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:264 Resp: 74587

Ion	Ratio	Lower	Upper
264	100		
260	25.0	20.1	30.1
265	22.3	17.9	26.9

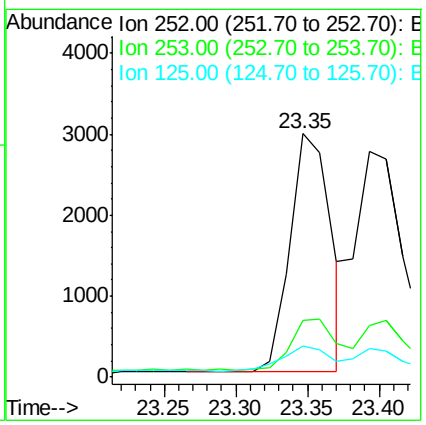


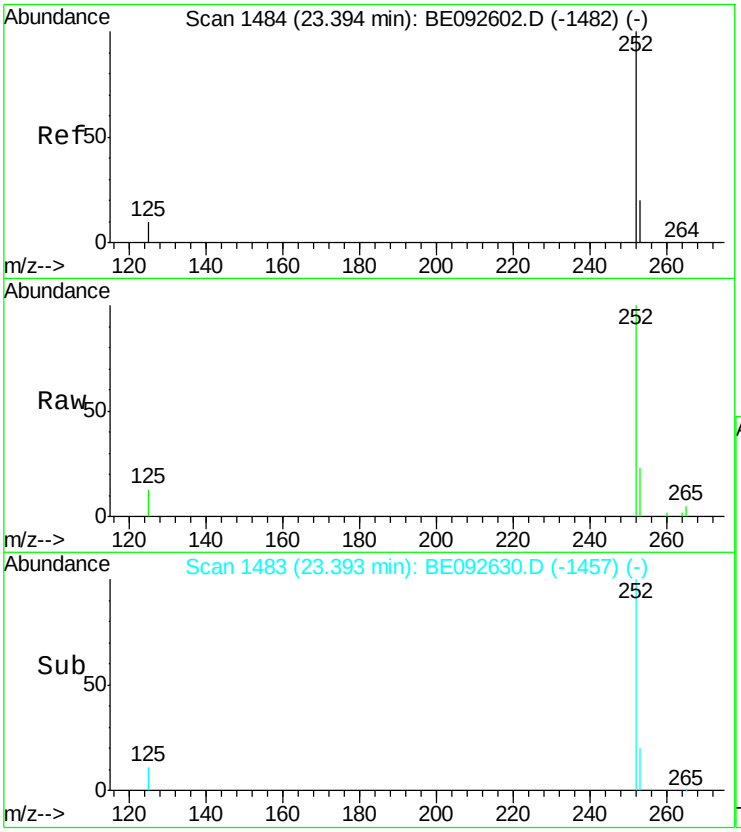


#32
Benzo(b)fluoranthene
Concen: 0.34 ng
RT: 23.35 min Scan# 1479
Delta R.T. -0.00 min
Lab File: BE092630.D
Acq: 6 Jan 2017 13:47

Tgt Ion:252 Resp: 5803

Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.7	28.1
125	12.8	10.5	15.7



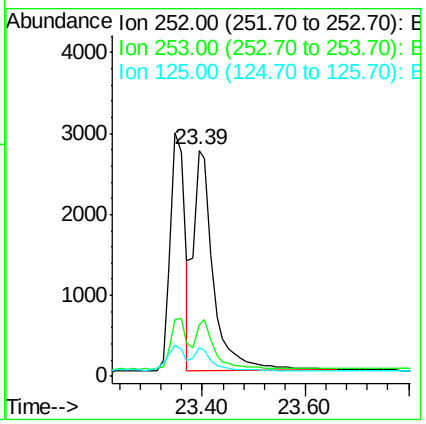


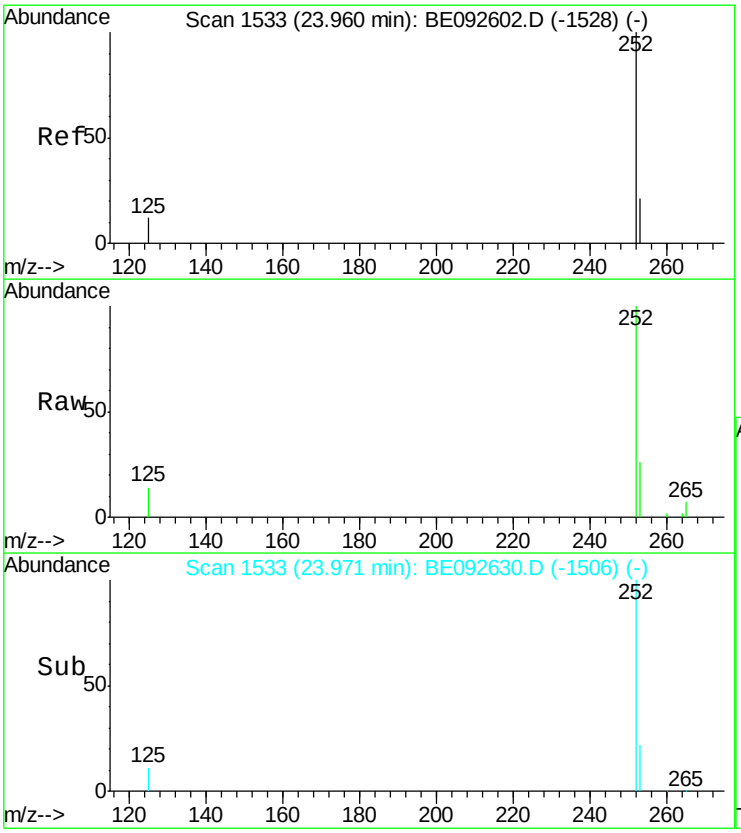
#33
Benzo(k)fluoranthene
Concen: 0.38 ng
RT: 23.39 min Scan# 1483
Delta R.T. -0.00 min
Lab File: BE092630.D
Acq: 6 Jan 2017 13:47

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:252 Resp: 7187

Ion	Ratio	Lower	Upper
252	100		
253	23.1	20.3	30.5
125	12.9	9.6	14.4

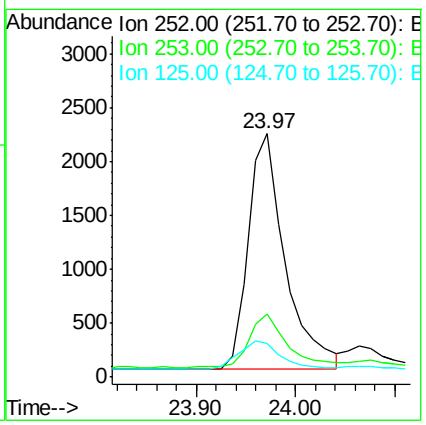


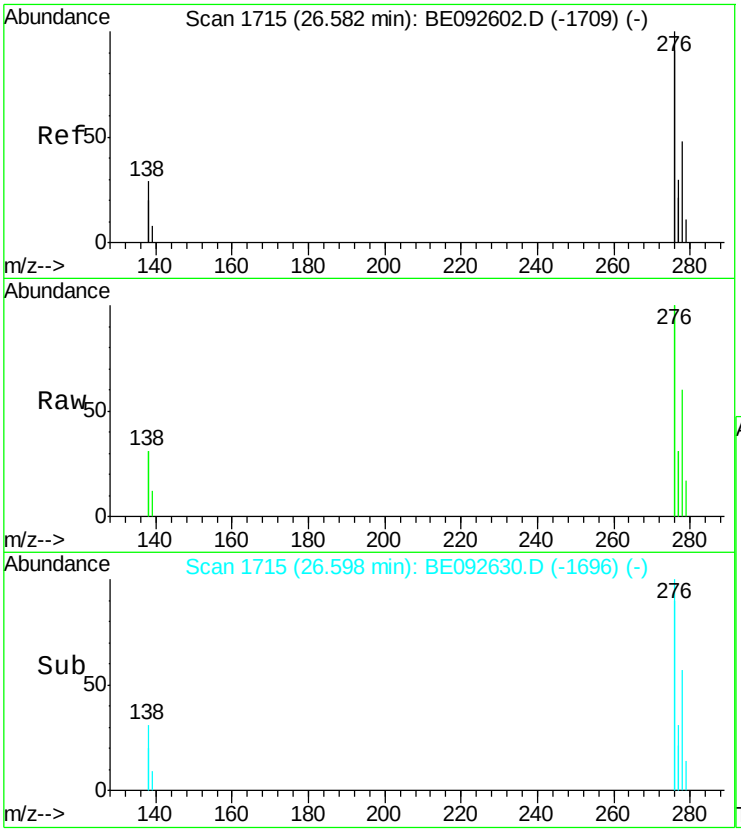


#34
Benzo(a)pyrene
Concen: 0.34 ng
RT: 23.97 min Scan# 1533
Delta R.T. 0.01 min
Lab File: BE092630.D
Acq: 6 Jan 2017 13:47

Tgt Ion:252 Resp: 5660

Ion	Ratio	Lower	Upper
252	100		
253	25.8	19.0	28.6
125	13.9	11.8	17.8



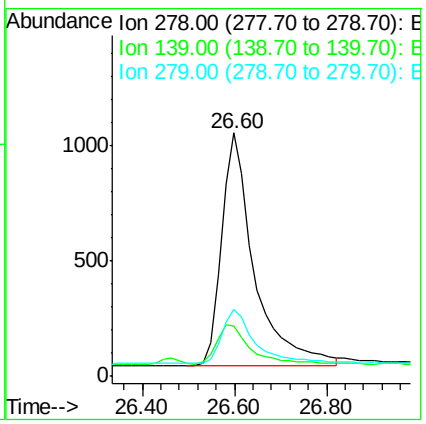


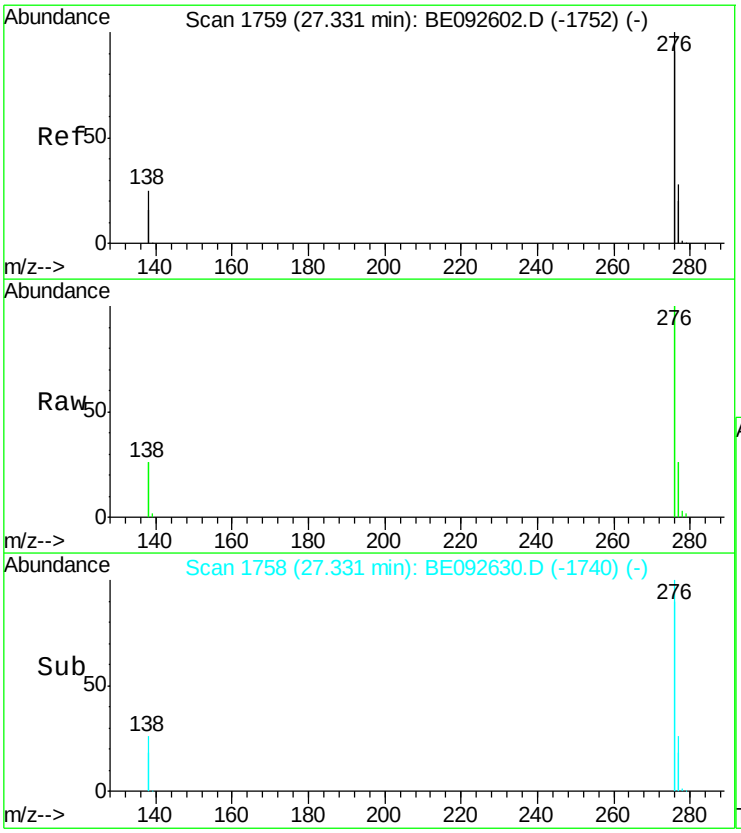
#35
Dibenzo(a,h)anthracene
Concen: 0.32 ng
RT: 26.60 min Scan# 1715
Delta R.T. 0.02 min
Lab File: BE092630.D
Acq: 6 Jan 2017 13:47

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:278 Resp: 5050

Ion	Ratio	Lower	Upper
278	100		
139	20.5	13.8	20.8
279	27.7	21.4	32.2





#36
Benzo(g,h,i)perylene
Concen: 0.35 ng
RT: 27.33 min Scan# 1758
Delta R.T. -0.00 min
Lab File: BE092630.D
Acq: 6 Jan 2017 13:47

Tgt Ion:276 Resp: 23250

Ion	Ratio	Lower	Upper
276	100		
277	26.3	19.8	29.8
138	26.2	19.8	29.6