Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE100716\
Data File : BE092453.D
Acq On : 7 Oct 2016 19:03
Operator : UM/SJ
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDCCC0.4EC

Quant Time: Oct 07 22:58:50 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 18:25:56 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	8622	5.00	ng		-0.02
7) Naphthalene-d8	10.95	136	41989	5.00	ng		0.00
12) Acenaphthene-d10	14.82	164	31701	5.00	ng		0.00
18) Phenanthrene-d10	17.58	188	63356	5.00	ng		0.02
24) Chrysene-d12	21.75	240	82188	5.00	ng		0.00
31) Perylene-d12	24.11	264	66723	5.00	ng		0.02
System Monitoring Compounds							
4) 2-Fluorophenol	5.69	112	502	0.36	ng		0.00
5) Phenol-d6	7.36	99	650	0.31	ng		0.00
8) Nitrobenzene-d5	9.23	82	112	0.18	ng		-0.14
13) 2,4,6-Tribromophenol	16.32	330	247	0.38	ng		0.00
14) 2-Fluorobiphenyl	13.44	172	3081	0.41	ng		0.00
26) Terphenyl-d14	20.19	244	3865	0.38	ng		0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.41	88	454	0.39	ng		97
3) n-Nitrosodimethylamine	3.80	42	325	0.42	ng	#	98
6) bis(2-Chloroethyl)ether	7.61	93	585	0.34	ng	#	26
9) Naphthalene	10.99	128	3620	0.40	ng		97
10) Hexachlorobutadiene	11.28	225	565	0.39	ng		98
11) 2-Methylnaphthalene	12.65	142	2330	0.39	ng		95
15) Acenaphthylene	14.53	152	17871	0.39	ng		100
16) Acenaphthene	14.88	154	2933	0.41	ng		97
17) Fluorene	15.87	166	3524	0.39	ng		98
19) Hexachlorobenzene	16.89	284	1146	0.42	ng	#	66
20) Pentachlorophenol	17.26	266	162	0.34	ng		89
21) Phenanthrene	17.60	178	6215	0.43	ng	#	95
22) Anthracene	17.72	178	5440	0.39	ng		100
23) Fluoranthene	19.61	202	26375	0.38	ng		100
25) Pyrene	19.98	202	27802	0.39	ng		99
27) Benzo(a)anthracene	21.72	228	59369	0.74	ng		94
28) Chrysene	21.72	228	59983	0.82	ng	#	74
29) Bis(2-ethylhexyl)phthalate	21.63	149	1971	0.29	ng	#	75
30) Indeno(1,2,3-cd)pyrene	26.62	276	24368	0.31	ng		98
32) Benzo(b)fluoranthene	23.38	252	5813	0.36	ng		99
33) Benzo(k)fluoranthene	23.43	252	6761	0.40	ng		97
34) Benzo(a)pyrene	24.01	252	5494	0.35	ng		98
35) Dibenzo(a,h)anthracene	26.65	278	4843	0.33	ng		96
36) Benzo(g,h,i)perylene	27.40	276	22530	0.36	ng		97

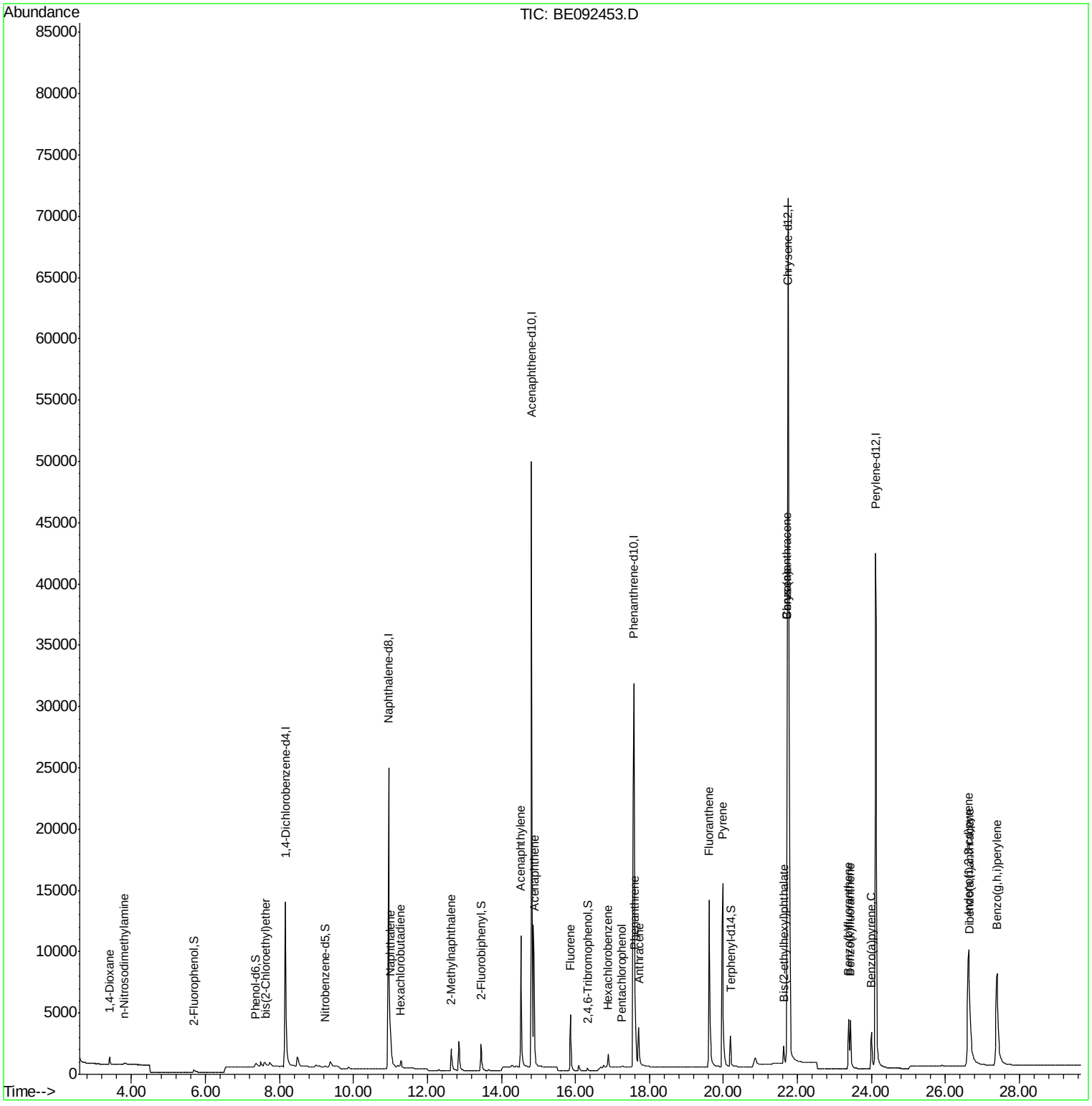
(#) = qualifier out of range (m) = manual integration (+) = signals summed

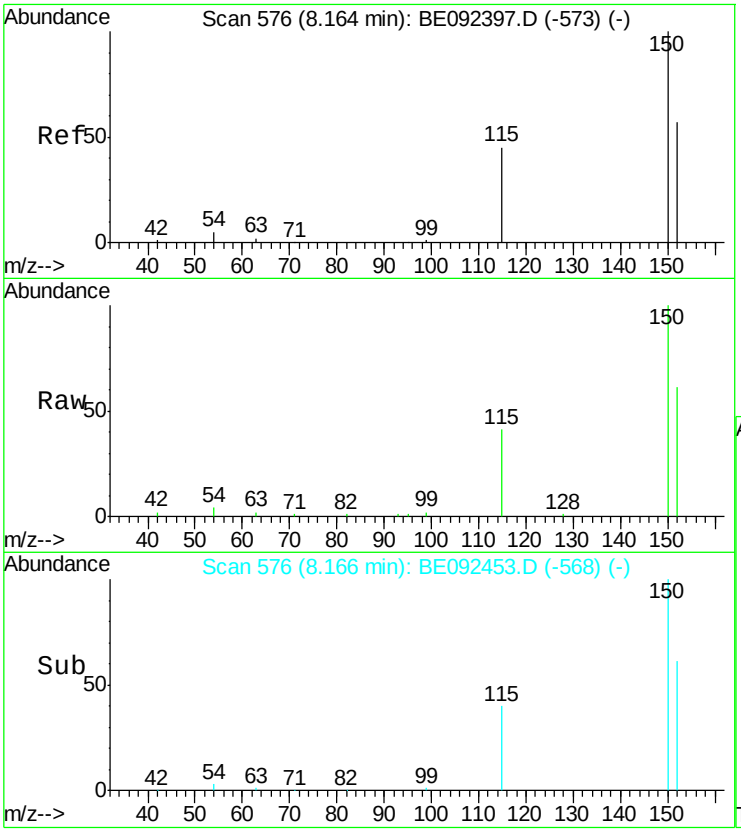
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE100716\
Data File : BE092453.D
Acq On : 7 Oct 2016 19:03
Operator : UM/SJ
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Quant Time: Oct 07 22:58:50 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 18:25:56 2016
Response via : Initial Calibration



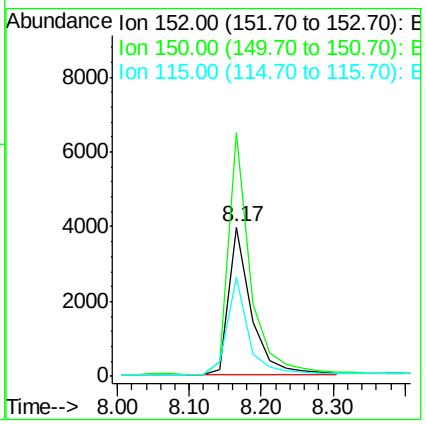


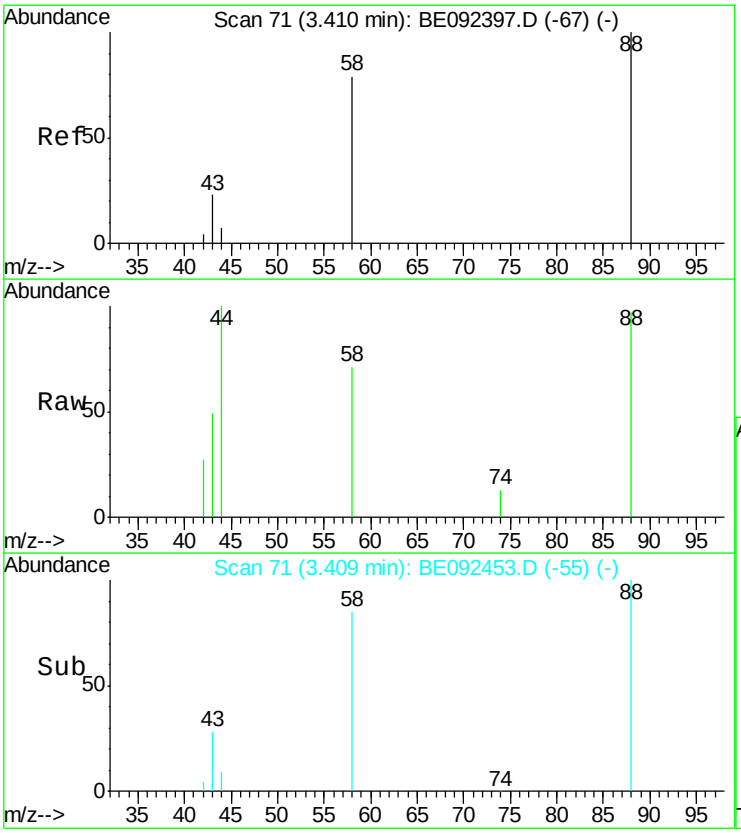
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 8.17 min Scan# 576
Delta R.T. -0.02 min
Lab File: BE092453.D
Acq: 7 Oct 2016 19:03

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:152 Resp: 8622

Ion	Ratio	Lower	Upper
152	100		
150	163.5	106.0	159.0#
115	66.9	31.2	46.8#

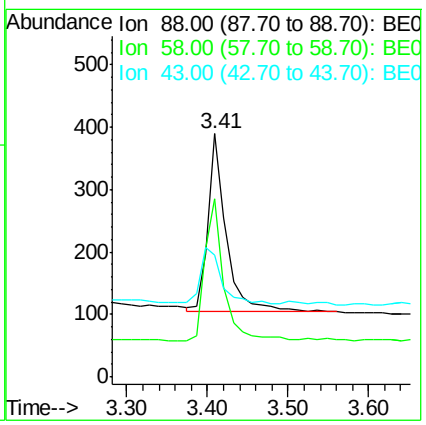


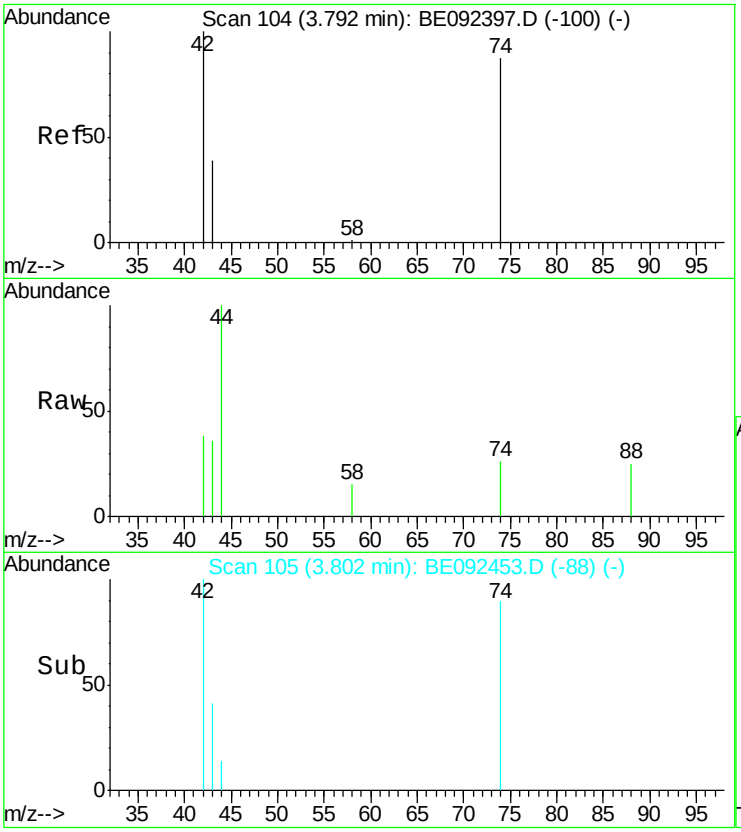


#2
1,4-Dioxane
Concen: 0.39 ng
RT: 3.41 min Scan# 71
Delta R.T. -0.01 min
Lab File: BE092453.D
Acq: 7 Oct 2016 19:03

Tgt Ion: 88 Resp: 454

Ion	Ratio	Lower	Upper
88	100		
58	83.0	63.6	95.4
43	36.1	28.0	42.0



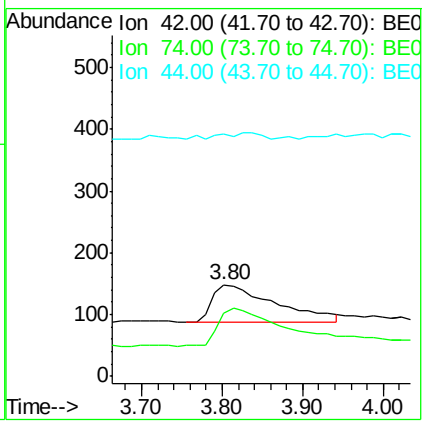


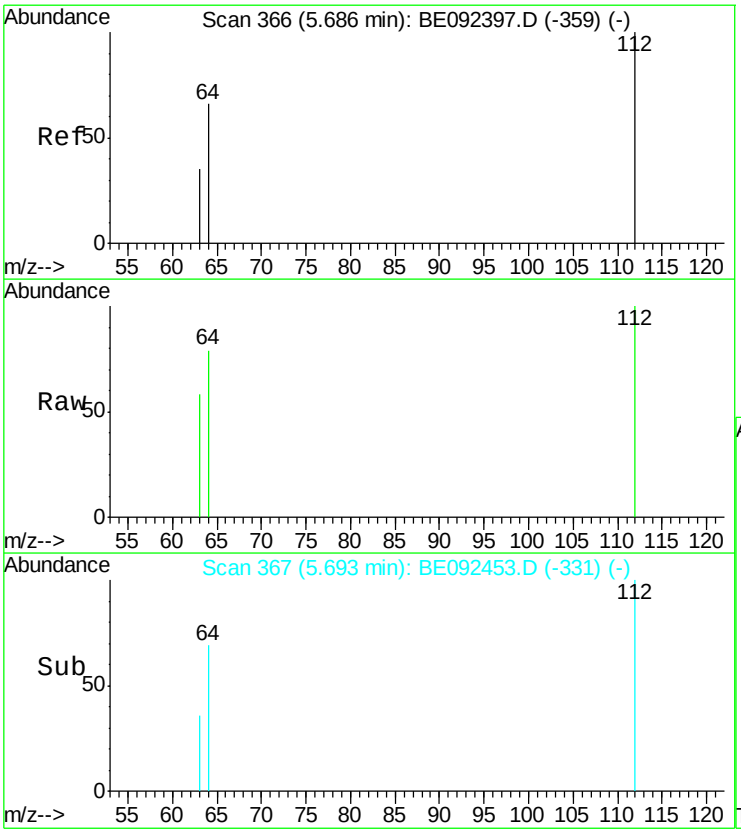
#3
n-Nitrosodimethylamine
Concen: 0.42 ng
RT: 3.80 min Scan# 105
Delta R.T. 0.00 min
Lab File: BE092453.D
Acq: 7 Oct 2016 19:03

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion: 42 Resp: 325

Ion	Ratio	Lower	Upper
42	100		
74	106.5	86.0	129.0
44	0.0	5.1	7.7#

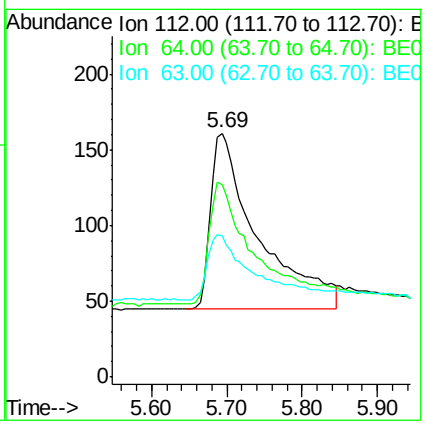


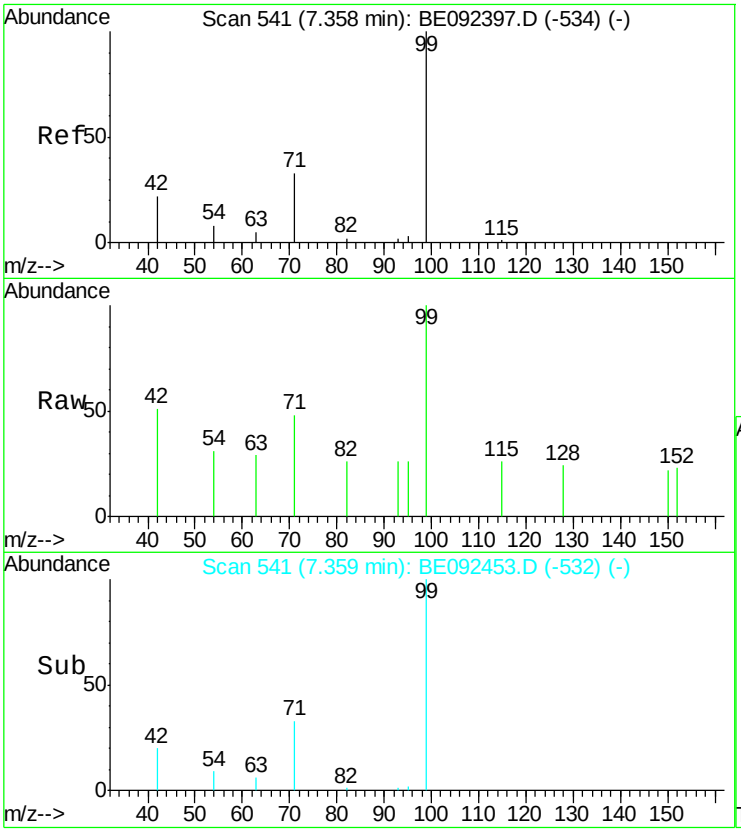


#4
2-Fluorophenol
Concen: 0.36 ng
RT: 5.69 min Scan# 367
Delta R.T. 0.01 min
Lab File: BE092453.D
Acq: 7 Oct 2016 19:03

Tgt Ion:112 Resp: 502

Ion	Ratio	Lower	Upper
112	100		
64	67.5	53.5	80.3
63	36.5	27.9	41.9



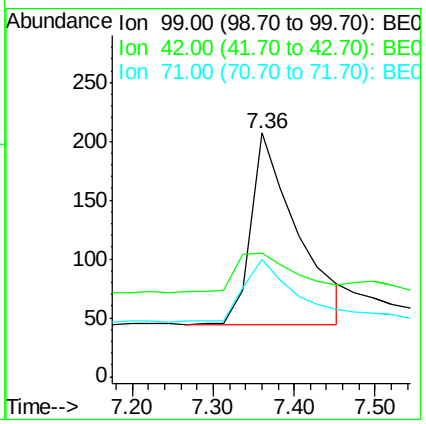


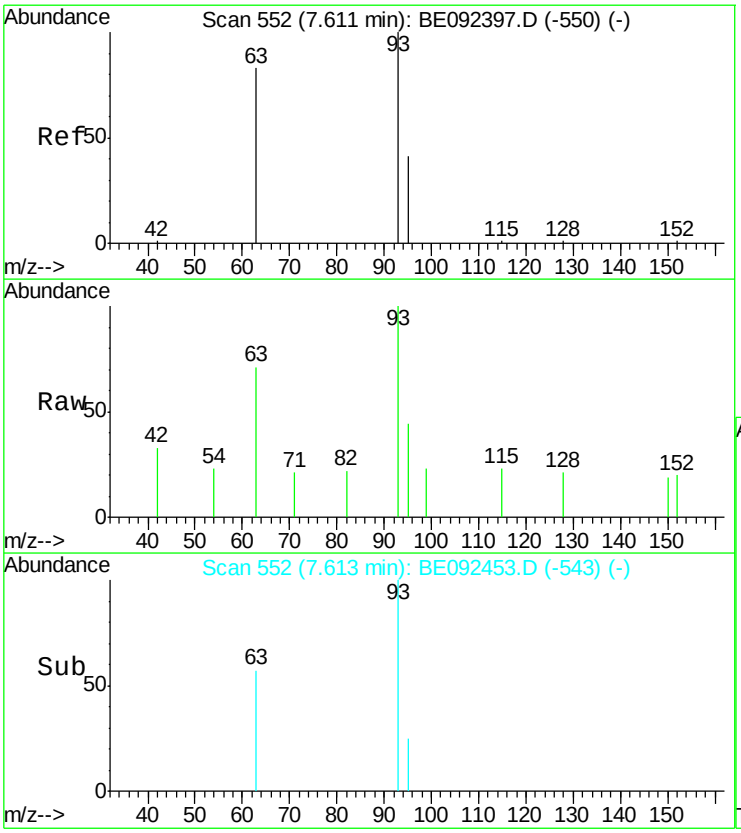
#5
Phenol-d6
Concen: 0.31 ng
RT: 7.36 min Scan# 541
Delta R.T. 0.00 min
Lab File: BE092453.D
Acq: 7 Oct 2016 19:03

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion: 99 Resp: 650

Ion	Ratio	Lower	Upper
99	100		
42	27.4	16.0	24.0#
71	36.3	30.6	45.8

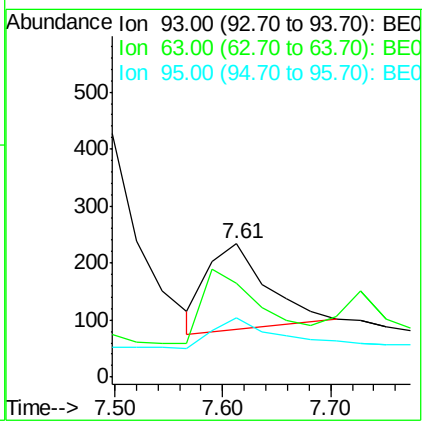


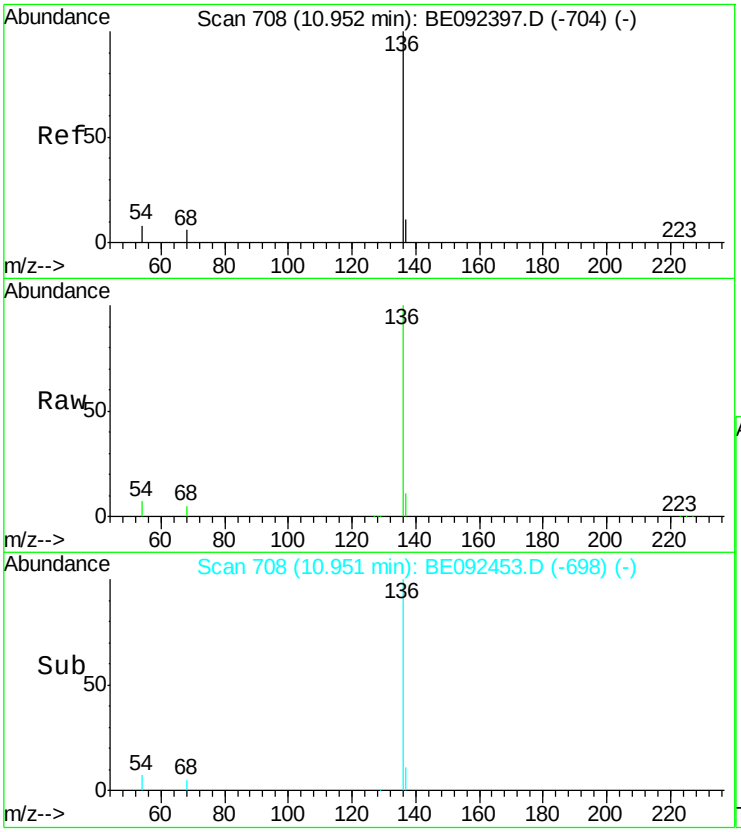


#6
bis(2-Chloroethyl)ether
Concen: 0.34 ng
RT: 7.61 min Scan# 552
Delta R.T. 0.00 min
Lab File: BE092453.D
Acq: 7 Oct 2016 19:03

Tgt Ion: 93 Resp: 585

Ion	Ratio	Lower	Upper
93	100		
63	0.0	71.6	107.4#
95	35.7	24.0	36.0



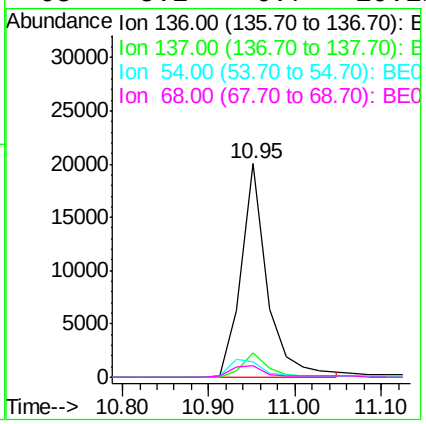


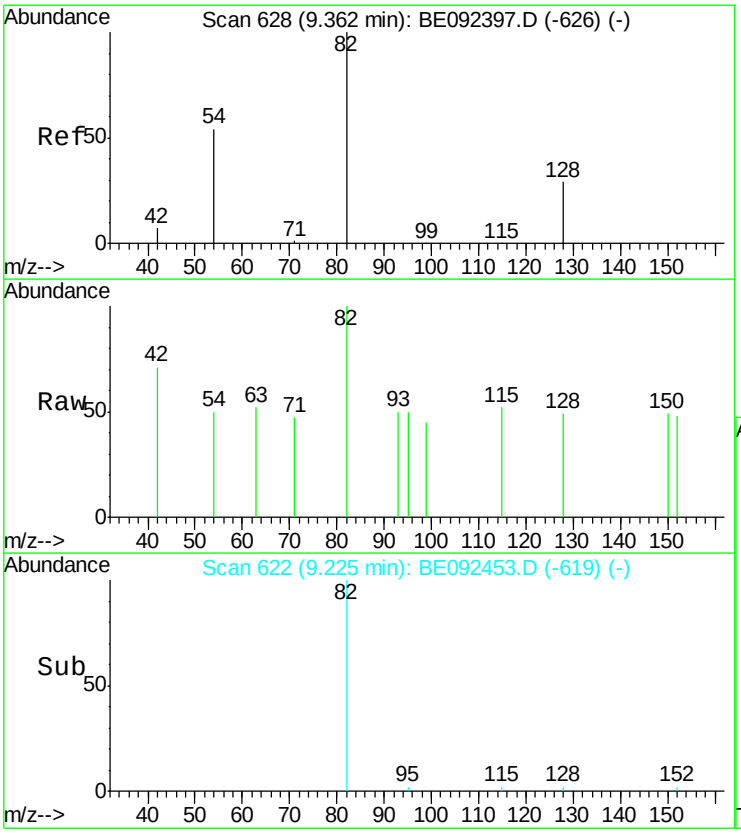
#7
Naphthalene-d8
Concen: 5.00 ng
RT: 10.95 min Scan# 708
Delta R.T. -0.00 min
Lab File: BE092453.D
Acq: 7 Oct 2016 19:03

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:136 Resp: 41989

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.2	12.4
54	7.0	9.6	14.4#
68	5.2	6.7	10.1#

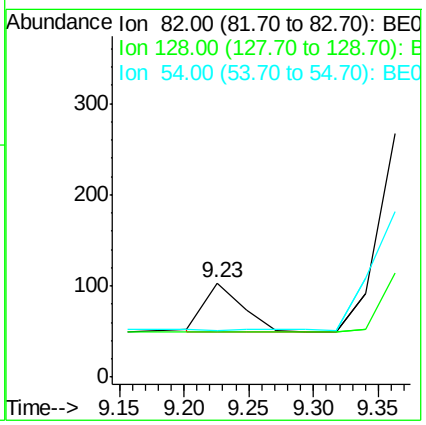


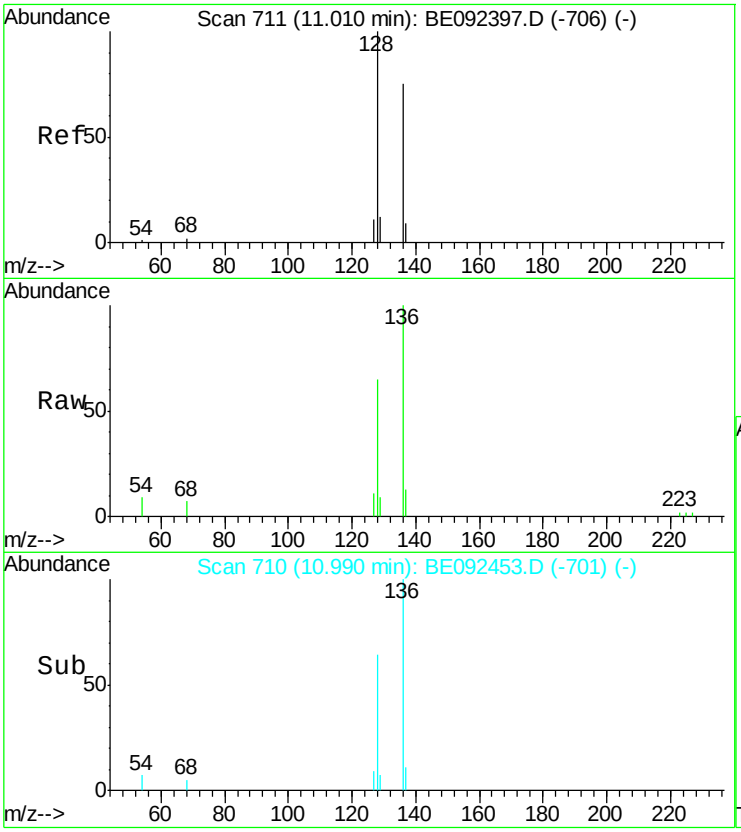


#8
Nitrobenzene-d5
Concen: 0.18 ng
RT: 9.23 min Scan# 622
Delta R.T. -0.14 min
Lab File: BE092453.D
Acq: 7 Oct 2016 19:03

Tgt Ion: 82 Resp: 112

Ion	Ratio	Lower	Upper
82	100		
128	48.5	39.0	58.4
54	49.5	44.8	67.2



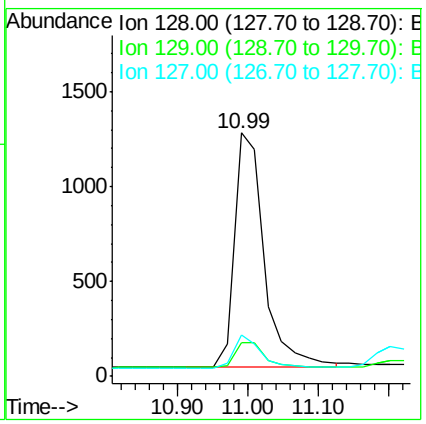


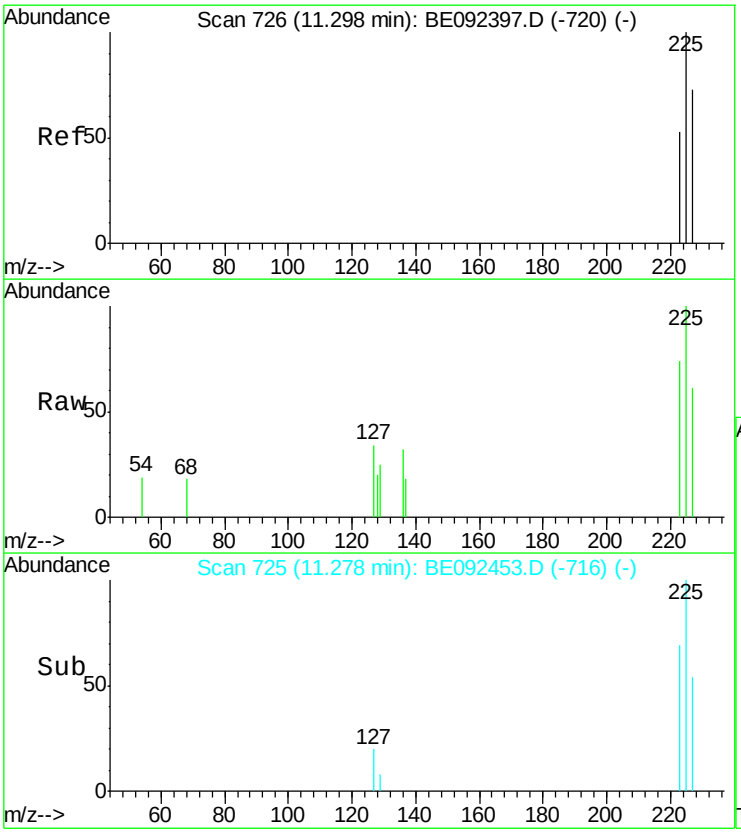
#9
Naphthalene
Concen: 0.40 ng
RT: 10.99 min Scan# 710
Delta R.T. -0.02 min
Lab File: BE092453.D
Acq: 7 Oct 2016 19:03

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:128 Resp: 3620

Ion	Ratio	Lower	Upper
128	100		
129	13.8	11.2	16.8
127	17.1	11.6	17.4

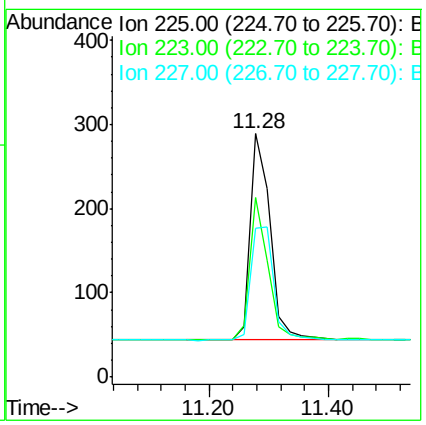


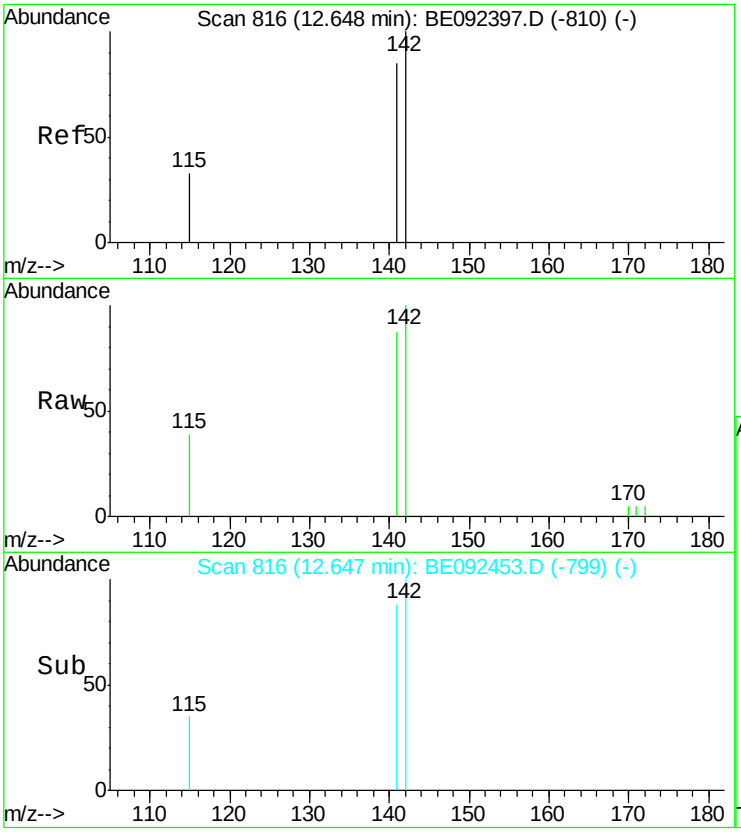


#10
Hexachlorobutadiene
Concen: 0.39 ng
RT: 11.28 min Scan# 725
Delta R.T. -0.02 min
Lab File: BE092453.D
Acq: 7 Oct 2016 19:03

Tgt Ion:225 Resp: 565

Ion	Ratio	Lower	Upper
225	100		
223	61.4	50.6	76.0
227	65.1	51.4	77.0



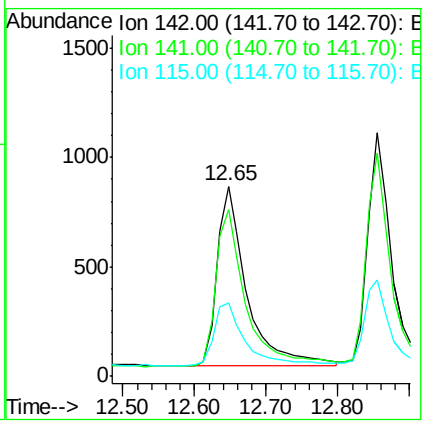


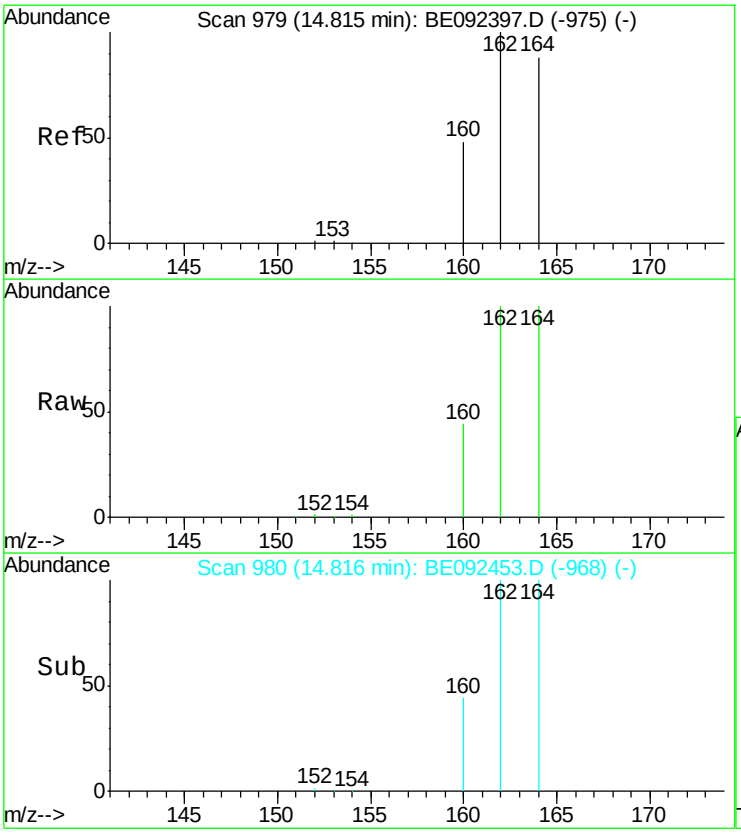
#11
2-Methylnaphthalene
Concen: 0.39 ng
RT: 12.65 min Scan# 816
Delta R.T. -0.00 min
Lab File: BE092453.D
Acq: 7 Oct 2016 19:03

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:142 Resp: 2330

Ion	Ratio	Lower	Upper
142	100		
141	87.5	73.7	110.5
115	38.6	34.0	51.0

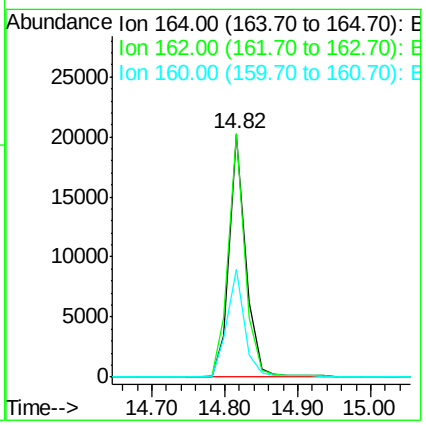


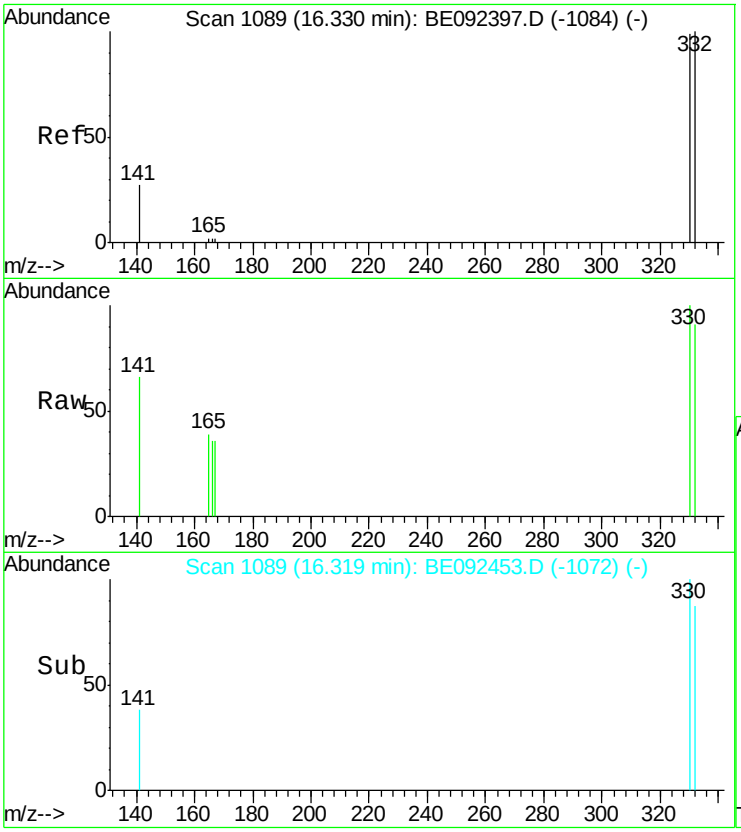


#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.82 min Scan# 980
Delta R.T. 0.00 min
Lab File: BE092453.D
Acq: 7 Oct 2016 19:03

Tgt Ion:164 Resp: 31701

Ion	Ratio	Lower	Upper
164	100		
162	100.4	71.4	107.0
160	44.4	27.4	41.2#



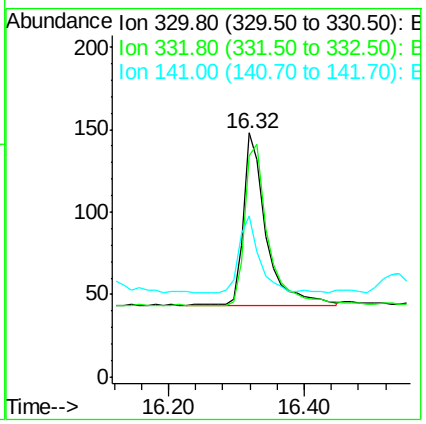


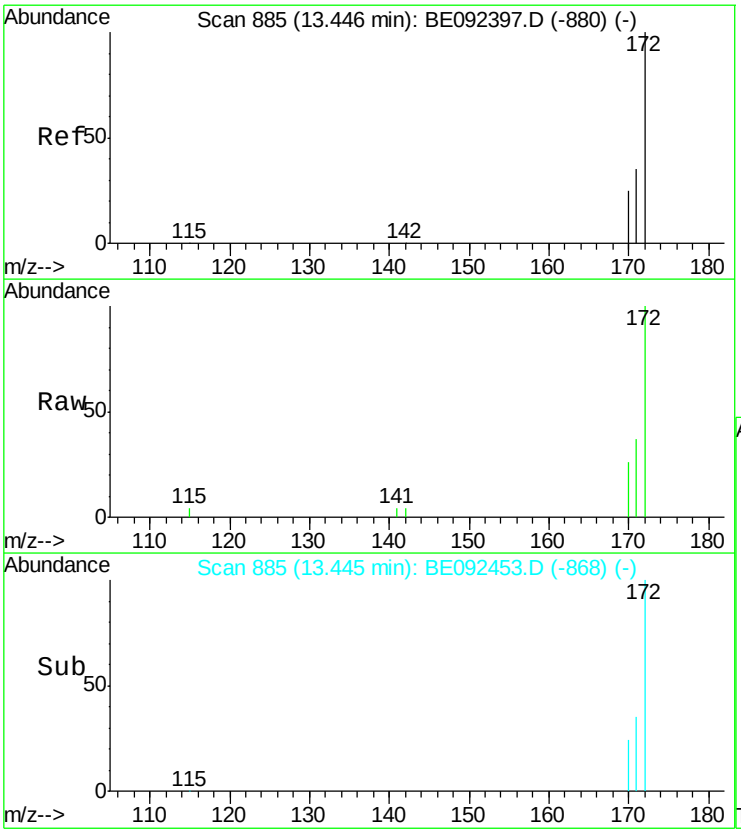
#13
2,4,6-Tribromophenol
Concen: 0.38 ng
RT: 16.32 min Scan# 1089
Delta R.T. 0.00 min
Lab File: BE092453.D
Acq: 7 Oct 2016 19:03

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:330 Resp: 247

Ion	Ratio	Lower	Upper
330	100		
332	96.4	75.4	113.0
141	39.3	31.0	46.6

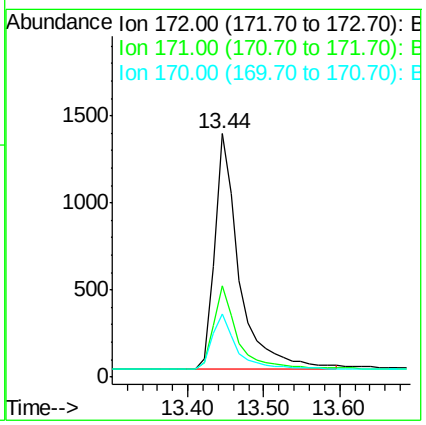


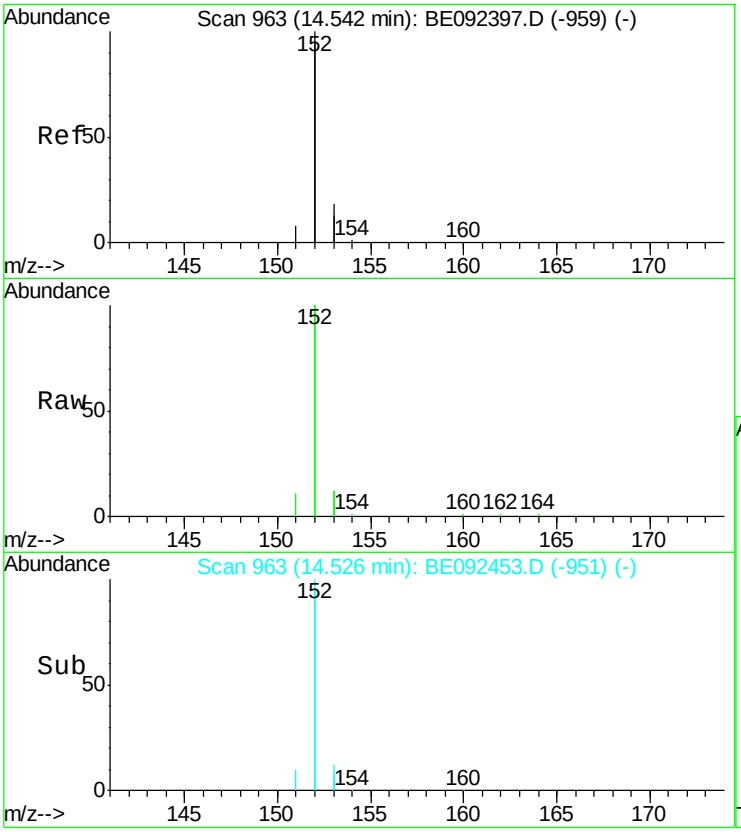


#14
2-Fluorobiphenyl
Concen: 0.41 ng
RT: 13.44 min Scan# 885
Delta R.T. -0.00 min
Lab File: BE092453.D
Acq: 7 Oct 2016 19:03

Tgt Ion:172 Resp: 3081

Ion	Ratio	Lower	Upper
172	100		
171	37.3	30.1	45.1
170	26.0	21.8	32.6



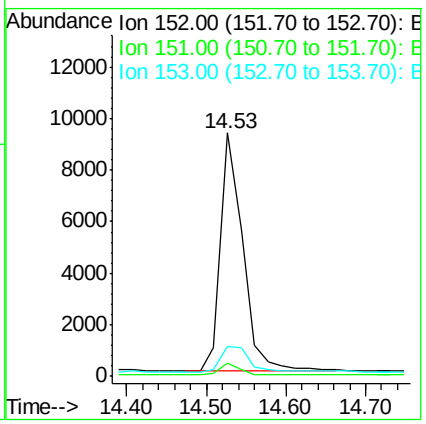


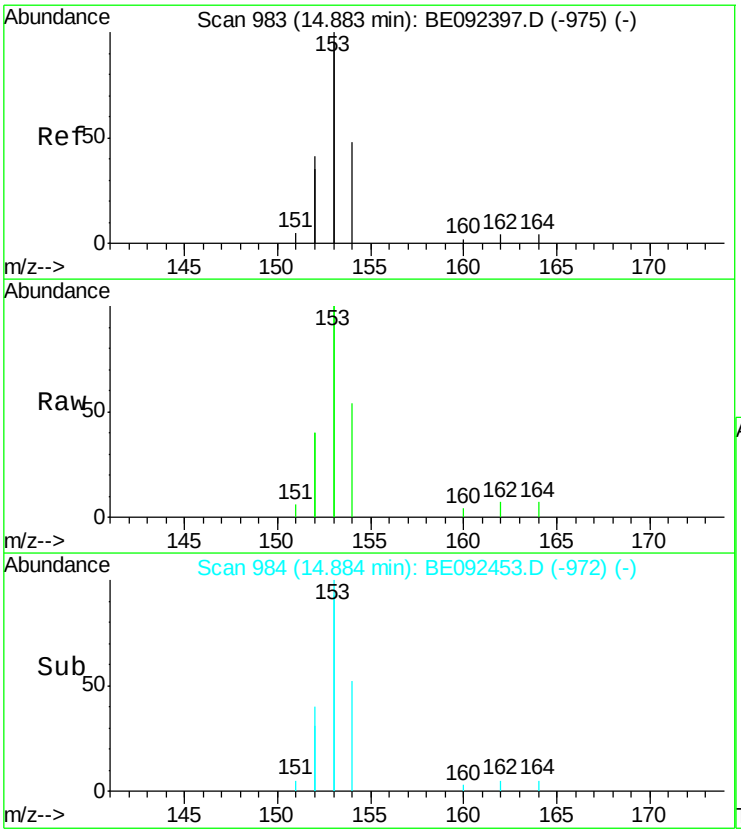
#15
Acenaphthylene
Concen: 0.39 ng
RT: 14.53 min Scan# 963
Delta R.T. 0.00 min
Lab File: BE092453.D
Acq: 7 Oct 2016 19:03

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:152 Resp: 17871

Ion	Ratio	Lower	Upper
152	100		
151	4.9	3.9	5.9
153	13.0	10.4	15.6

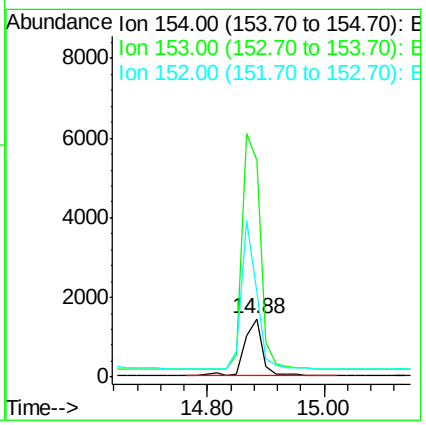


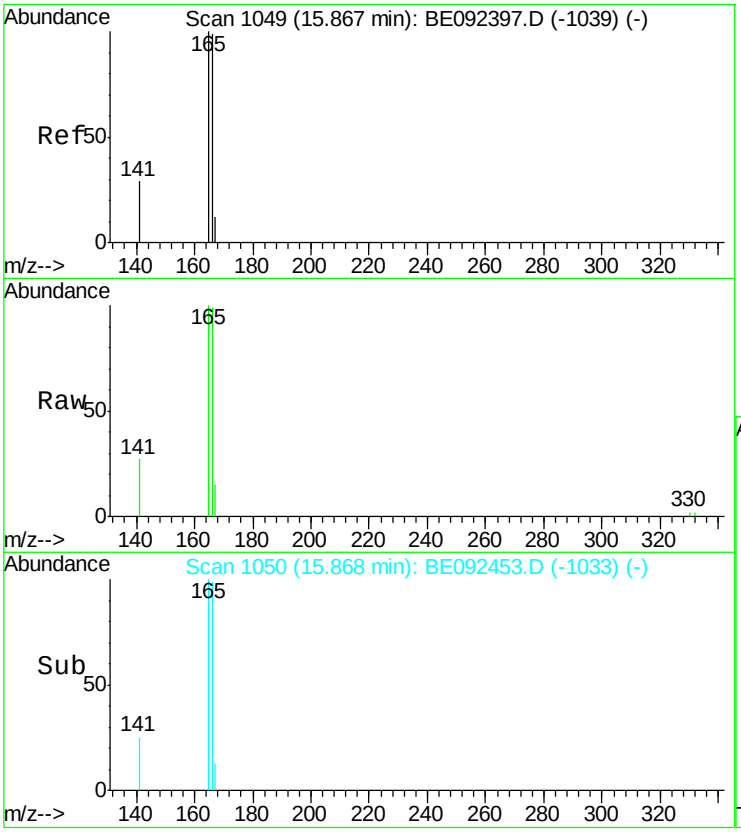


#16
Acenaphthene
Concen: 0.41 ng
RT: 14.88 min Scan# 984
Delta R.T. 0.00 min
Lab File: BE092453.D
Acq: 7 Oct 2016 19:03

Tgt Ion:154 Resp: 2933

Ion	Ratio	Lower	Upper
154	100		
153	439.5	350.8	526.2
152	228.2	171.1	256.7



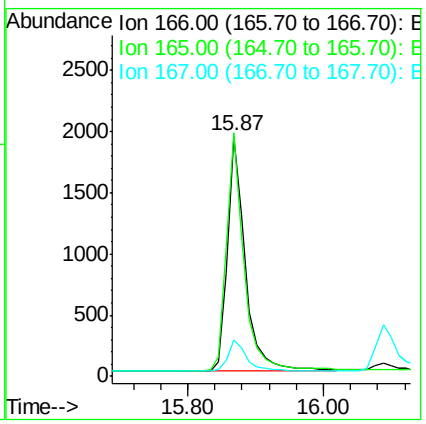


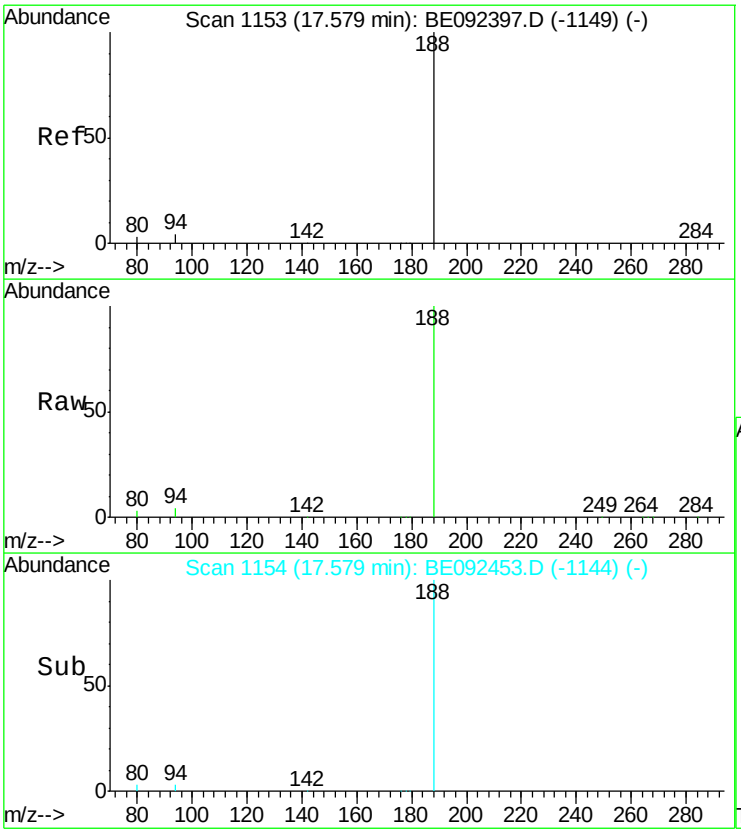
#17
Fluorene
Concen: 0.39 ng
RT: 15.87 min Scan# 1050
Delta R.T. 0.00 min
Lab File: BE092453.D
Acq: 7 Oct 2016 19:03

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:166 Resp: 3524

Ion	Ratio	Lower	Upper
166	100		
165	99.9	78.2	117.4
167	13.5	11.0	16.4

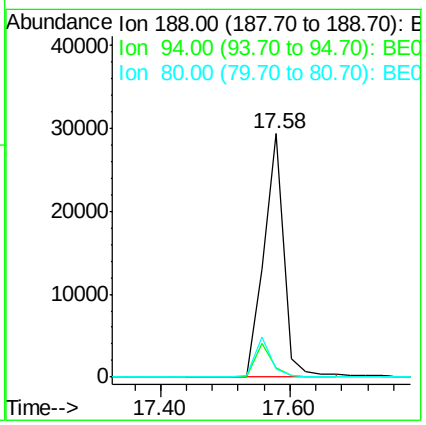


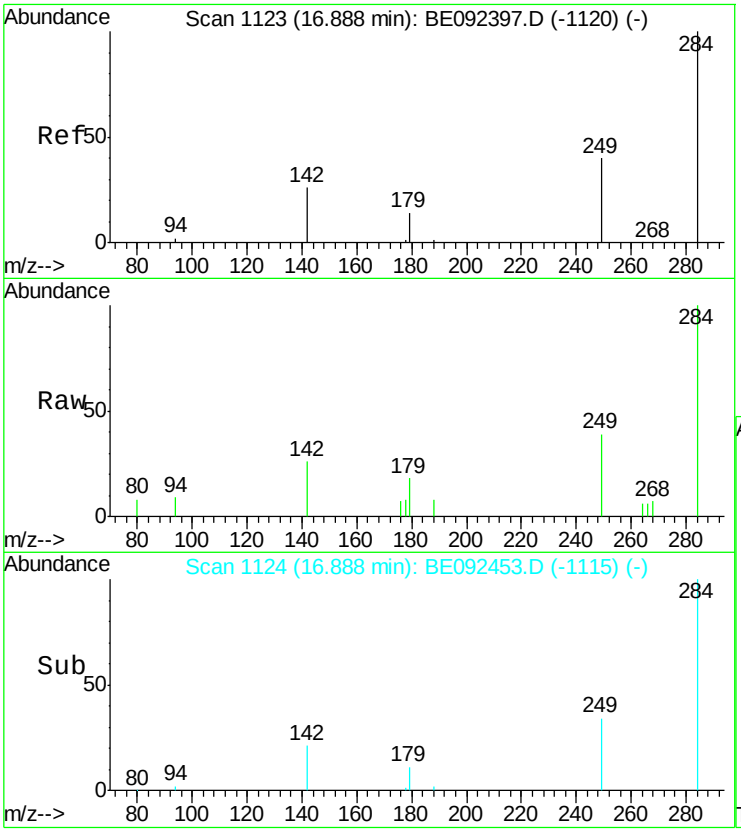


#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.58 min Scan# 1154
Delta R.T. 0.02 min
Lab File: BE092453.D
Acq: 7 Oct 2016 19:03

Tgt Ion:188 Resp: 63356

Ion	Ratio	Lower	Upper
188	100		
94	3.6	3.2	4.8
80	3.2	2.6	3.8



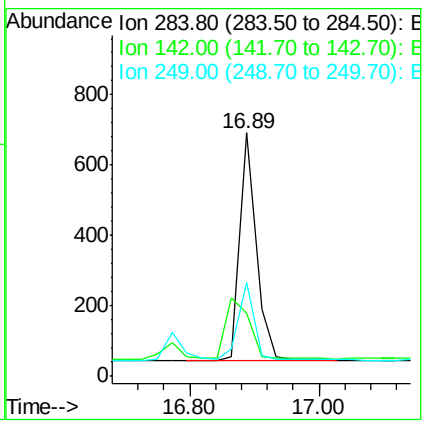


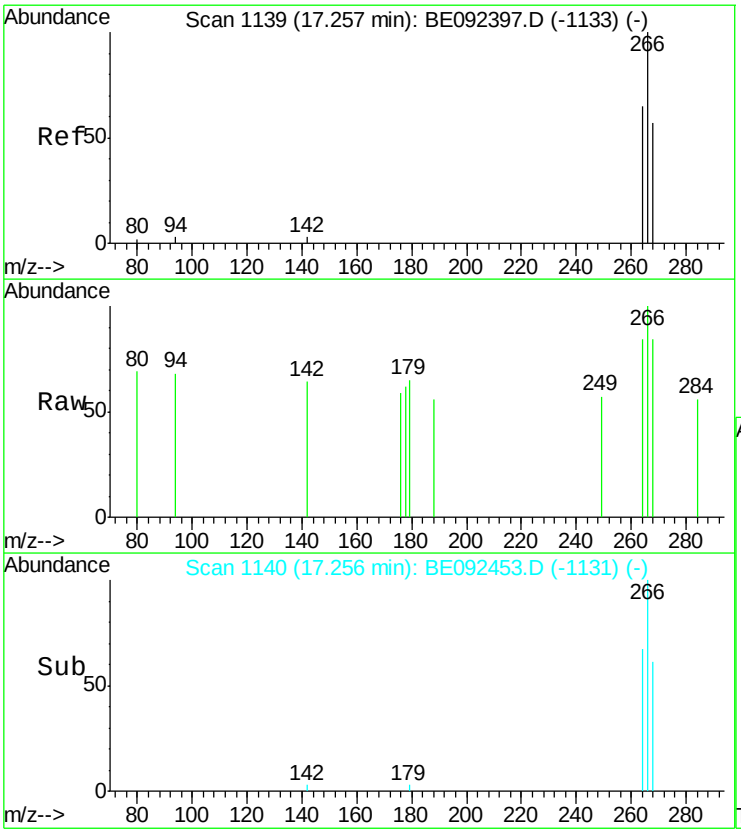
#19
Hexachlorobenzene
Concen: 0.42 ng
RT: 16.89 min Scan# 1124
Delta R.T. -0.00 min
Lab File: BE092453.D
Acq: 7 Oct 2016 19:03

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:284 Resp: 1146

Ion	Ratio	Lower	Upper
284	100		
142	0.0	29.1	43.7#
249	31.9	27.9	41.9

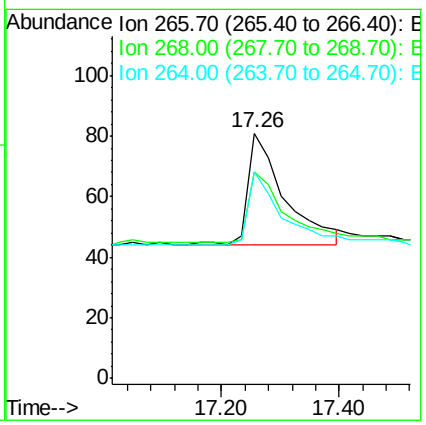


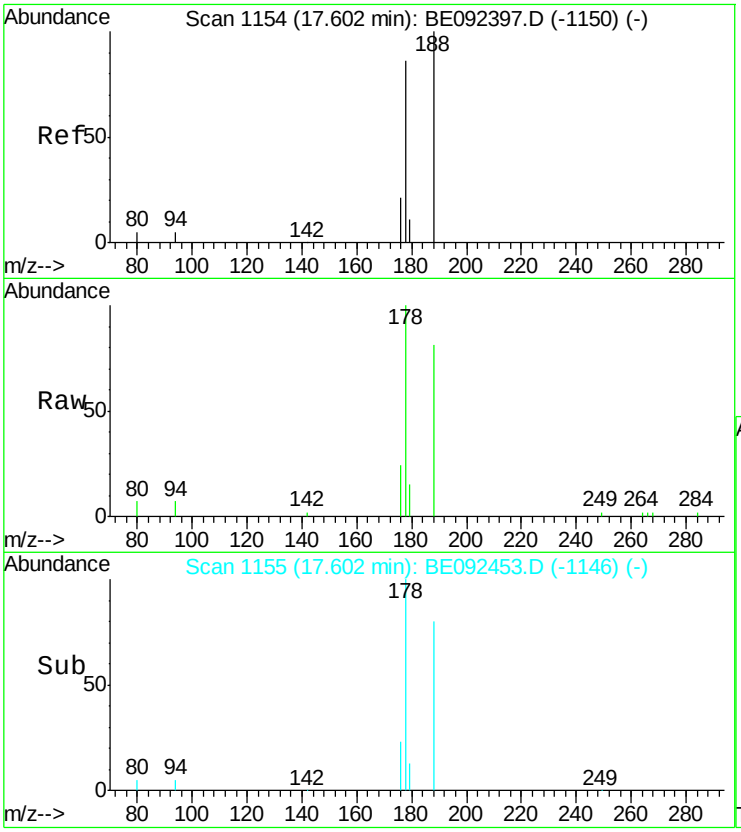


#20
Pentachlorophenol
Concen: 0.34 ng
RT: 17.26 min Scan# 1140
Delta R.T. -0.00 min
Lab File: BE092453.D
Acq: 7 Oct 2016 19:03

Tgt Ion:266 Resp: 162

Ion	Ratio	Lower	Upper
266	100		
268	84.0	62.5	93.7
264	84.0	57.2	85.8



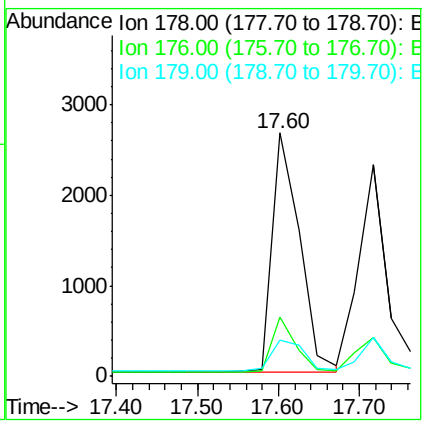


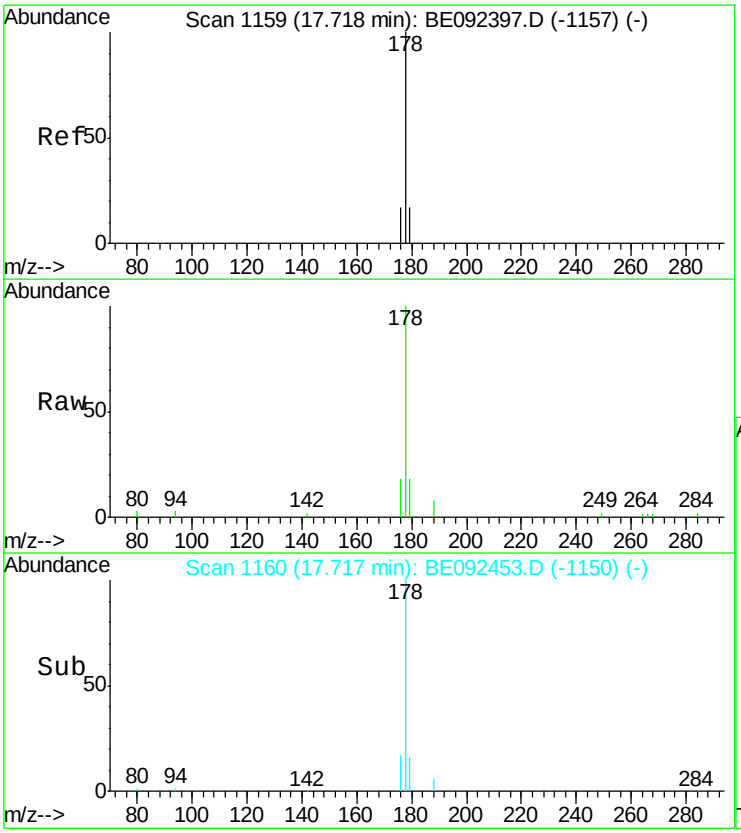
#21
Phenanthrene
Concen: 0.43 ng
RT: 17.60 min Scan# 1155
Delta R.T. -0.00 min
Lab File: BE092453.D
Acq: 7 Oct 2016 19:03

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:178 Resp: 6215

Ion	Ratio	Lower	Upper
178	100		
176	19.9	15.8	23.8
179	15.7	16.0	24.0#

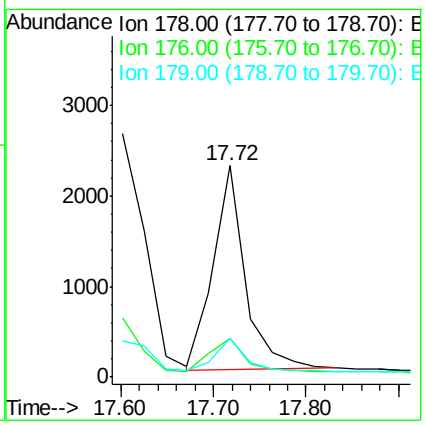


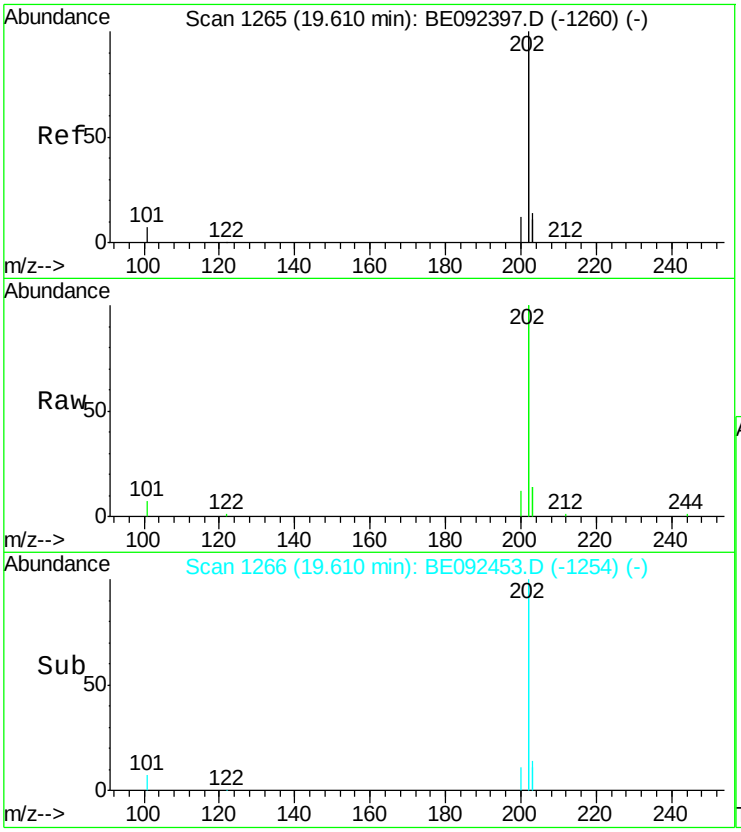


#22
Anthracene
Concen: 0.39 ng
RT: 17.72 min Scan# 1160
Delta R.T. 0.02 min
Lab File: BE092453.D
Acq: 7 Oct 2016 19:03

Tgt Ion:178 Resp: 5440

Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.0	22.4
179	15.1	12.2	18.2



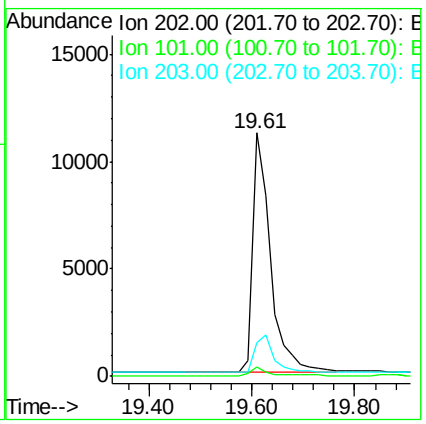


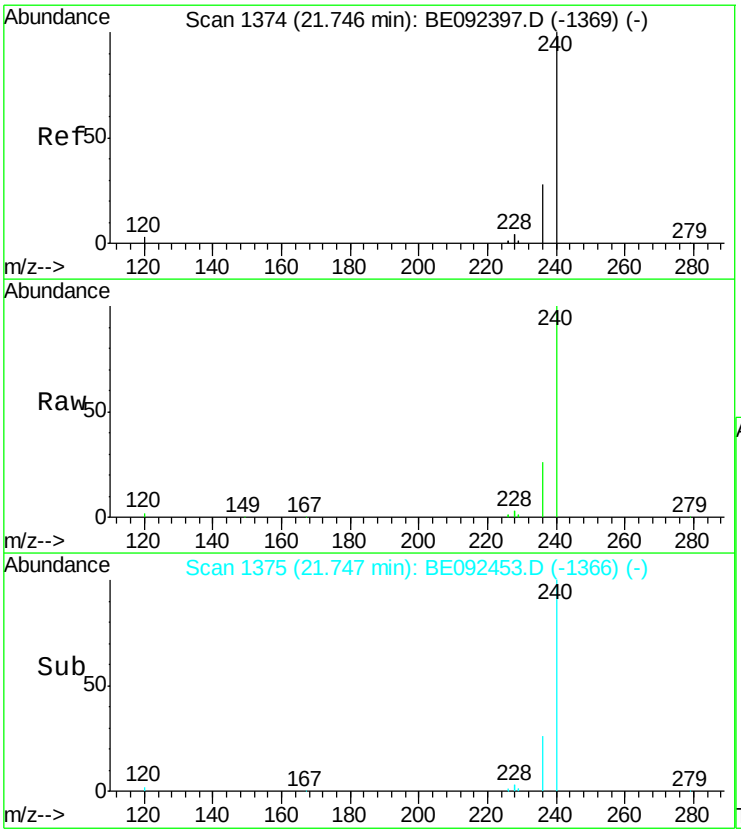
#23
Fluoranthene
Concen: 0.38 ng
RT: 19.61 min Scan# 1266
Delta R.T. -0.00 min
Lab File: BE092453.D
Acq: 7 Oct 2016 19:03

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:202 Resp: 26375

Ion	Ratio	Lower	Upper
202	100		
101	2.8	2.2	3.4
203	16.9	13.7	20.5

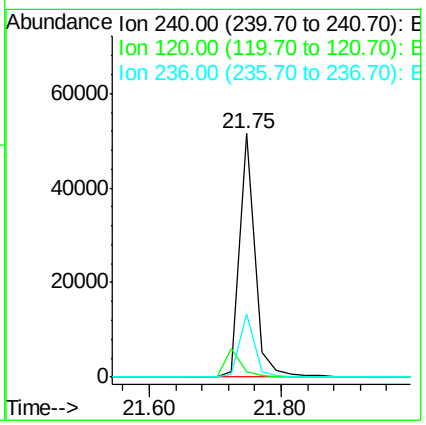


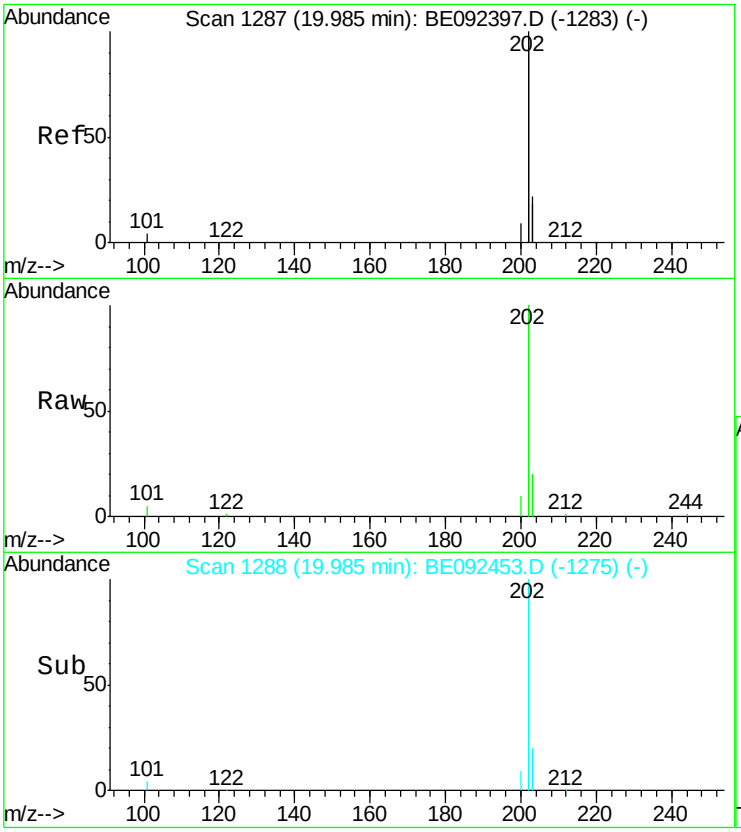


#24
Chrysene-d12
Concen: 5.00 ng
RT: 21.75 min Scan# 1375
Delta R.T. 0.00 min
Lab File: BE092453.D
Acq: 7 Oct 2016 19:03

Tgt Ion:240 Resp: 82188

Ion	Ratio	Lower	Upper
240	100		
120	2.1	2.6	4.0#
236	26.1	24.6	37.0



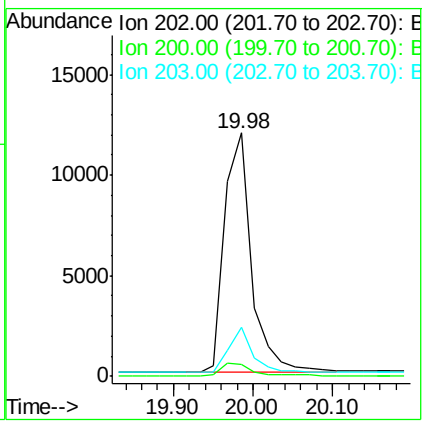


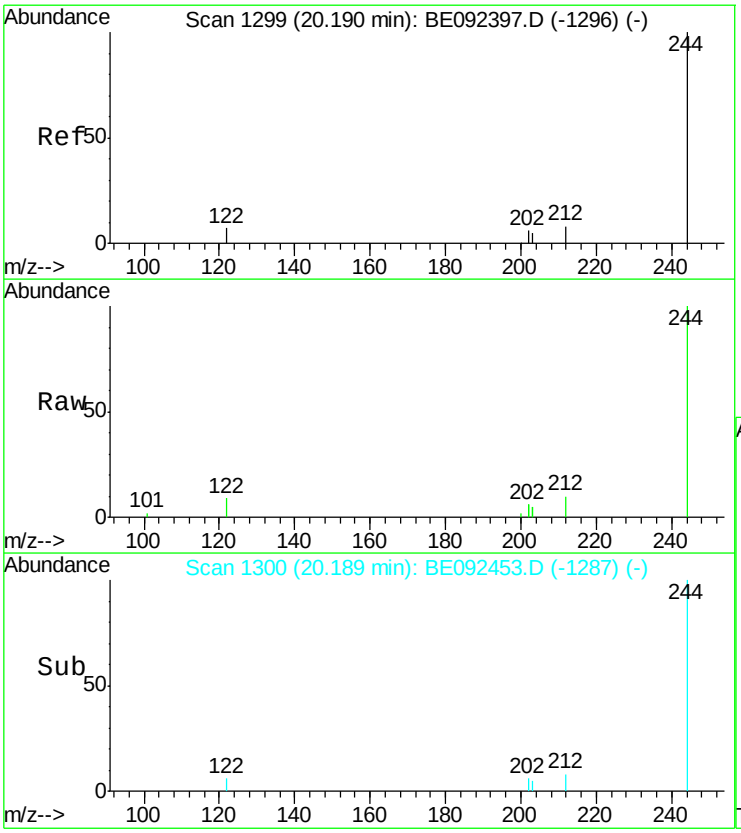
#25
Pyrene
Concen: 0.39 ng
RT: 19.98 min Scan# 1288
Delta R.T. 0.02 min
Lab File: BE092453.D
Acq: 7 Oct 2016 19:03

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:202 Resp: 27802

Ion	Ratio	Lower	Upper
202	100		
200	5.3	4.2	6.4
203	17.0	13.9	20.9

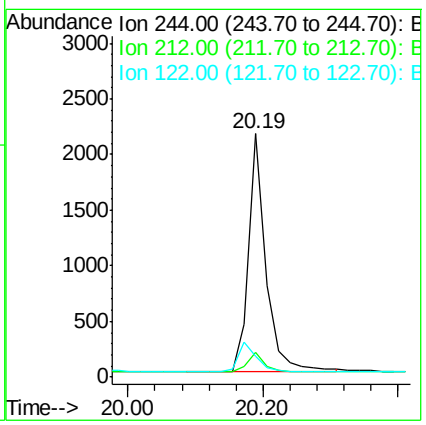


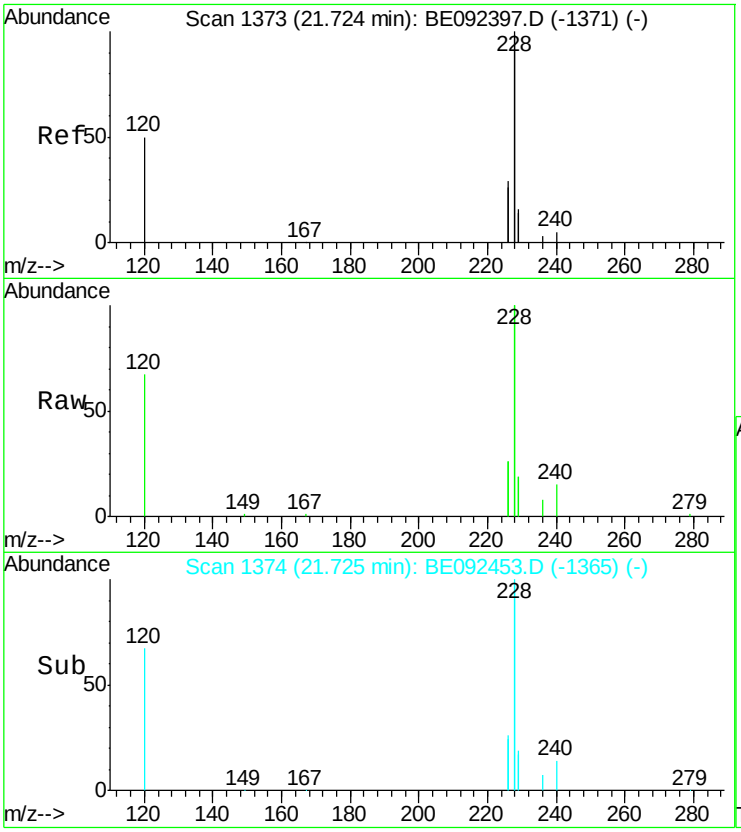


#26
Terphenyl-d14
Concen: 0.38 ng
RT: 20.19 min Scan# 1300
Delta R.T. 0.02 min
Lab File: BE092453.D
Acq: 7 Oct 2016 19:03

Tgt Ion:244 Resp: 3865

Ion	Ratio	Lower	Upper
244	100		
212	10.0	6.7	10.1
122	8.6	3.6	5.4#



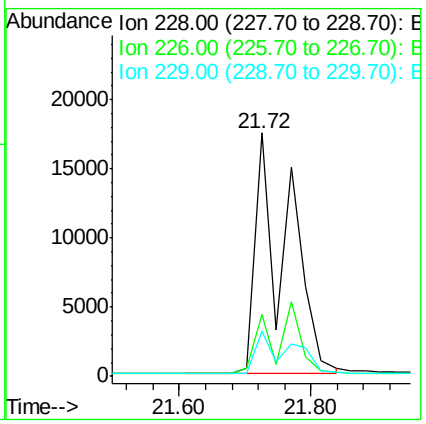


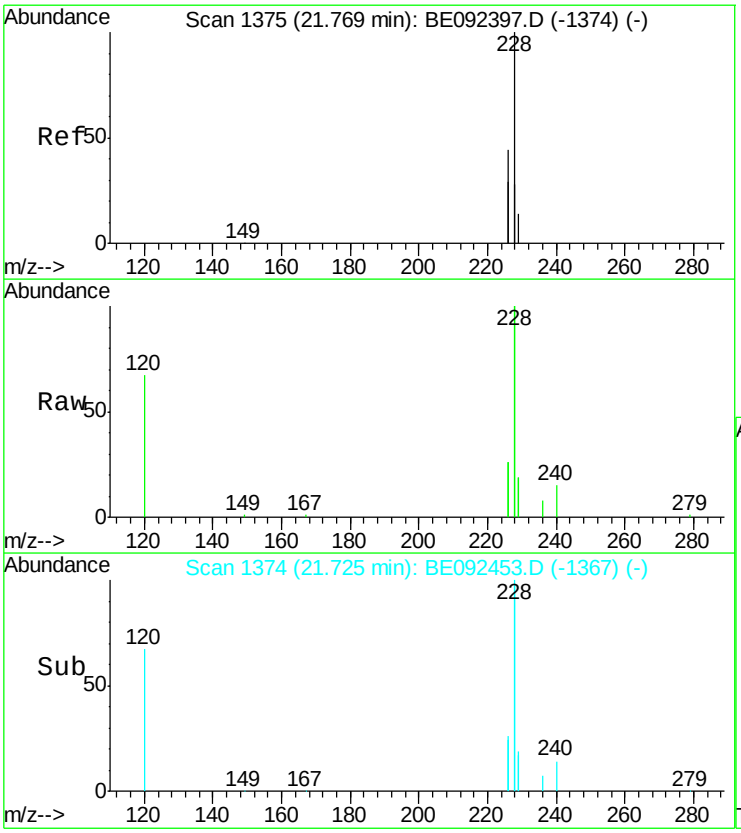
#27
Benzo(a)anthracene
Concen: 0.74 ng
RT: 21.72 min Scan# 1374
Delta R.T. 0.00 min
Lab File: BE092453.D
Acq: 7 Oct 2016 19:03

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:228 Resp: 59369

Ion	Ratio	Lower	Upper
228	100		
226	25.6	23.6	35.4
229	18.6	13.3	19.9

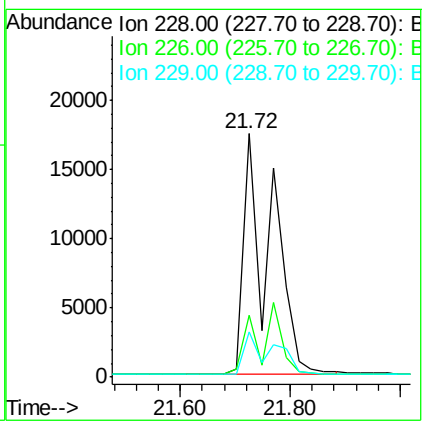


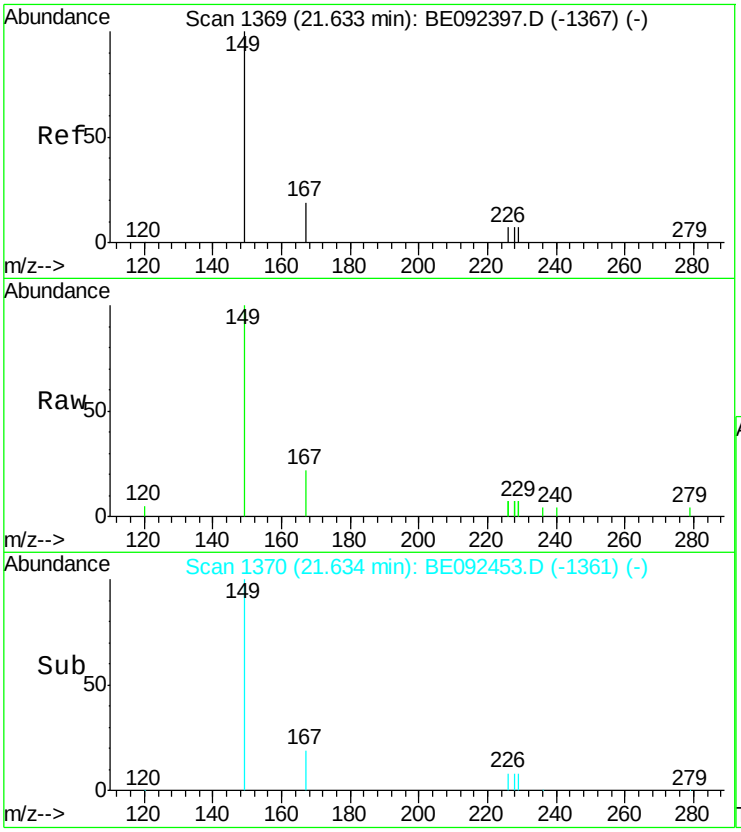


#28
Chrysene
Concen: 0.82 ng
RT: 21.72 min Scan# 1374
Delta R.T. -0.04 min
Lab File: BE092453.D
Acq: 7 Oct 2016 19:03

Tgt Ion:228 Resp: 59983

Ion	Ratio	Lower	Upper
228	100		
226	25.6	36.3	54.5#
229	18.6	10.6	16.0#



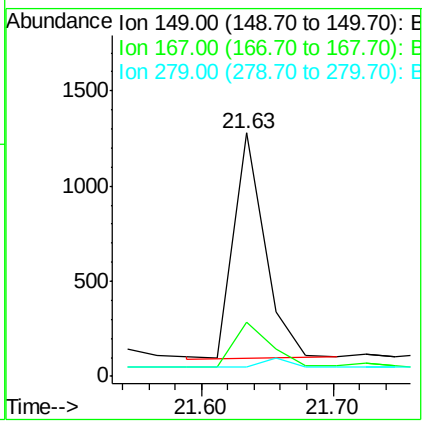


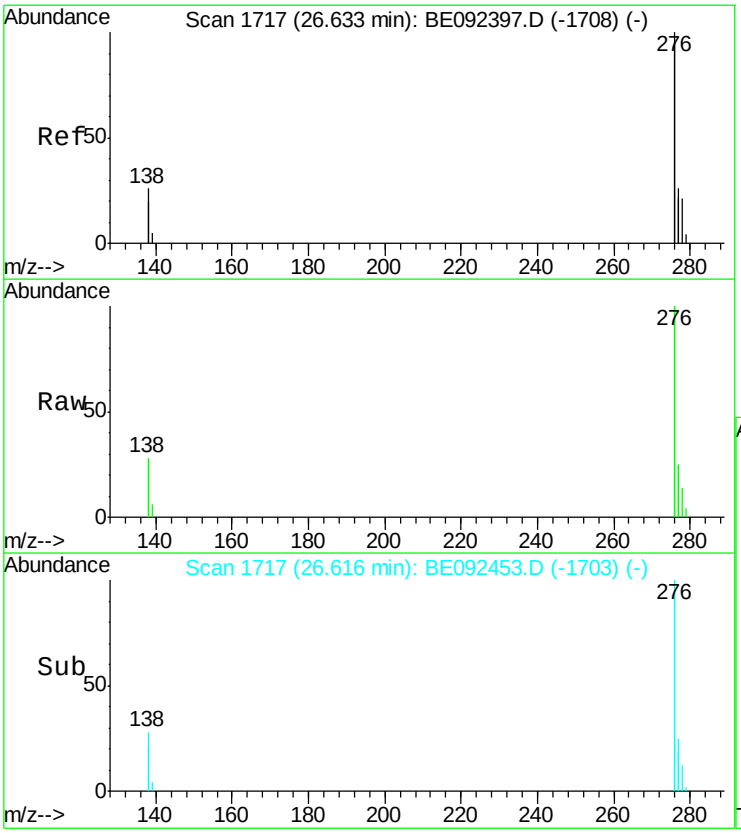
#29
Bis(2-ethylhexyl)phthalate
Concen: 0.29 ng
RT: 21.63 min Scan# 1370
Delta R.T. 0.00 min
Lab File: BE092453.D
Acq: 7 Oct 2016 19:03

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:149 Resp: 1971

Ion	Ratio	Lower	Upper
149	100		
167	23.2	16.0	24.0
279	0.0	16.0	24.0#

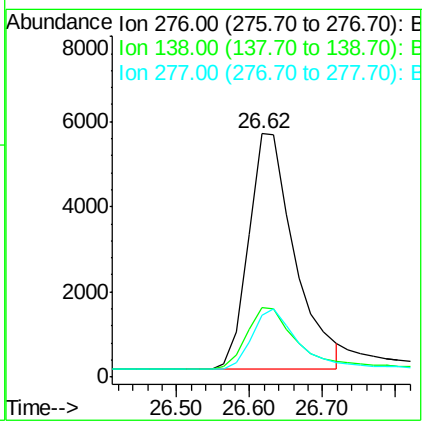


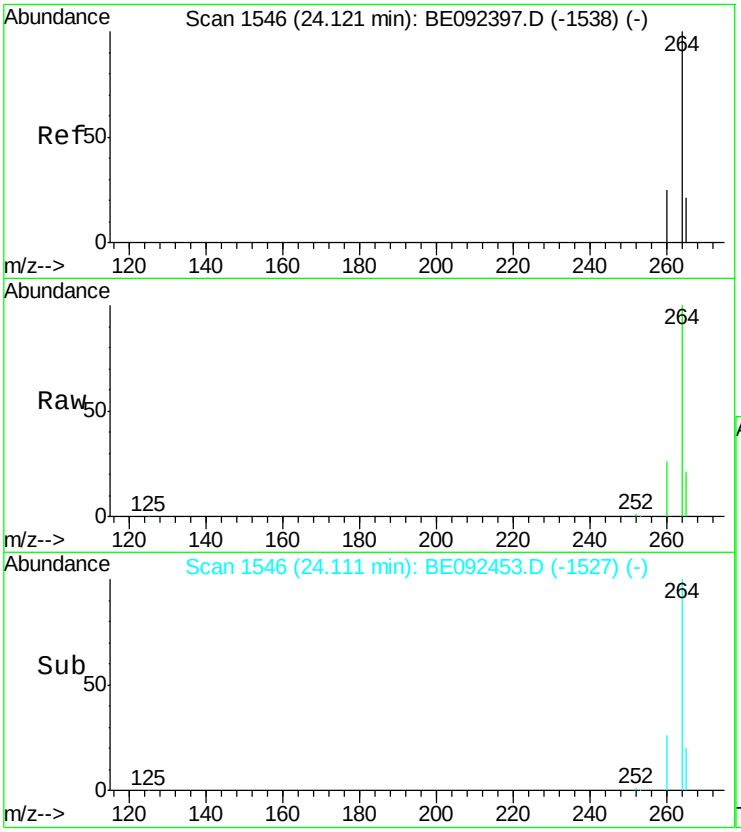


#30
Indeno(1,2,3-cd)pyrene
Concen: 0.31 ng
RT: 26.62 min Scan# 1717
Delta R.T. 0.04 min
Lab File: BE092453.D
Acq: 7 Oct 2016 19:03

Tgt Ion:276 Resp: 24368

Ion	Ratio	Lower	Upper
276	100		
138	27.2	20.3	30.5
277	24.7	19.7	29.5



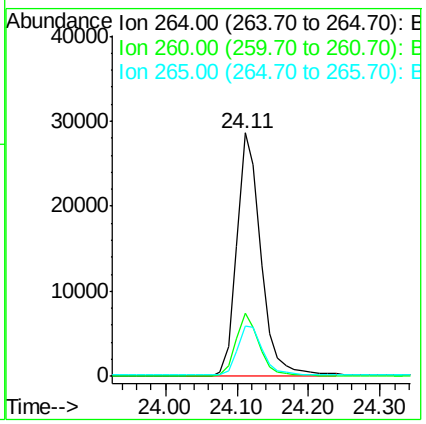


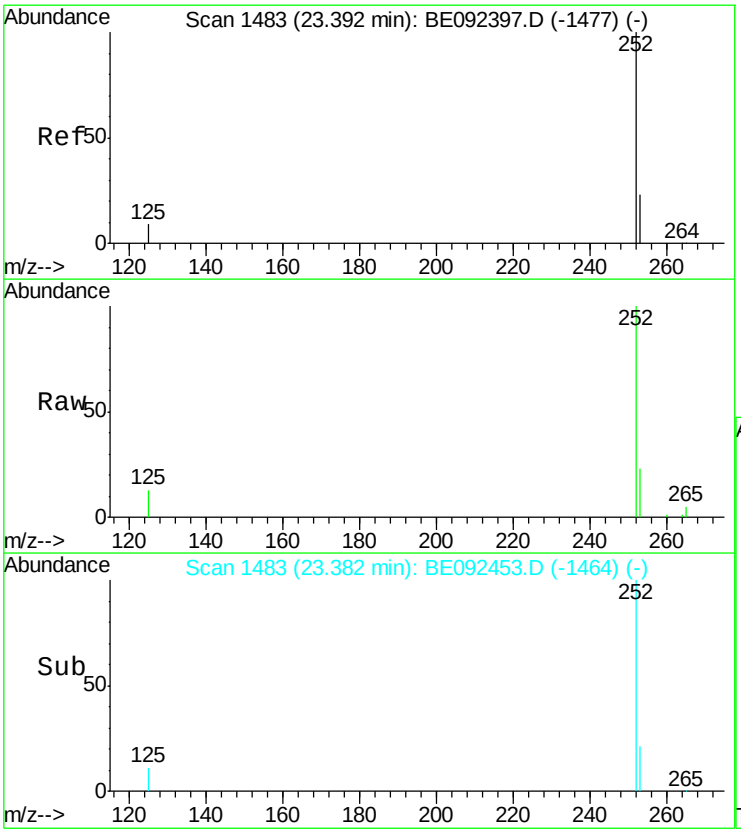
#31
Perylene-d12
Concen: 5.00 ng
RT: 24.11 min Scan# 1546
Delta R.T. 0.02 min
Lab File: BE092453.D
Acq: 7 Oct 2016 19:03

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:264 Resp: 66723

Ion	Ratio	Lower	Upper
264	100		
260	25.9	20.1	30.1
265	20.9	17.9	26.9

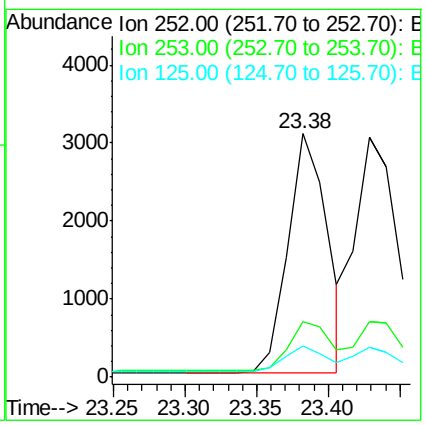


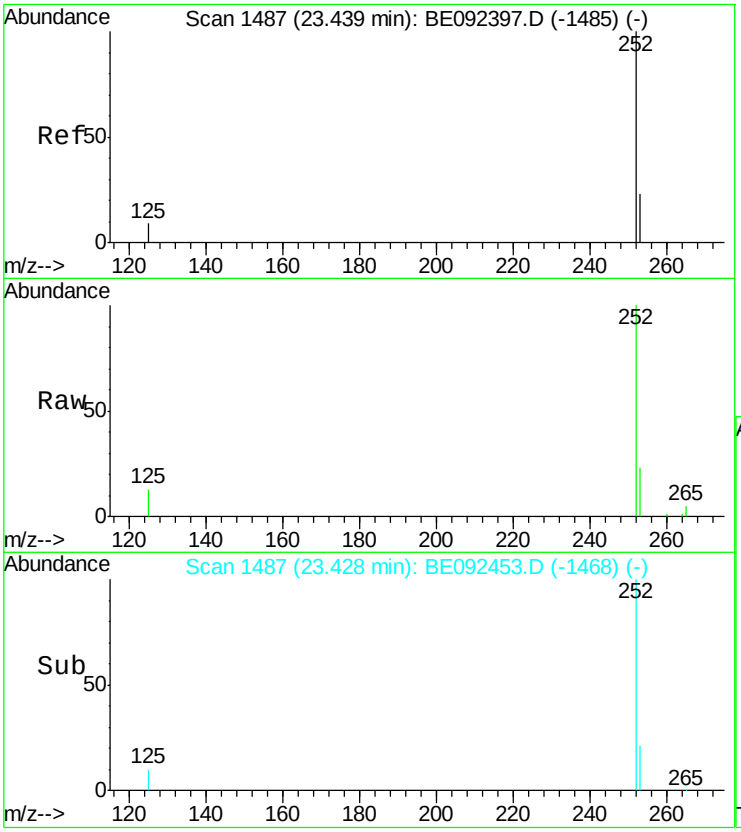


#32
Benzo(b)fluoranthene
Concen: 0.36 ng
RT: 23.38 min Scan# 1483
Delta R.T. 0.02 min
Lab File: BE092453.D
Acq: 7 Oct 2016 19:03

Tgt Ion:252 Resp: 5813

Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.7	28.1
125	12.5	10.5	15.7



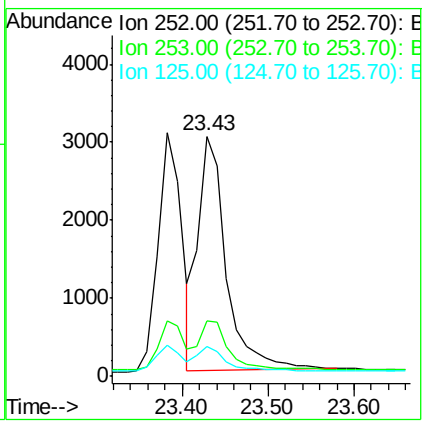


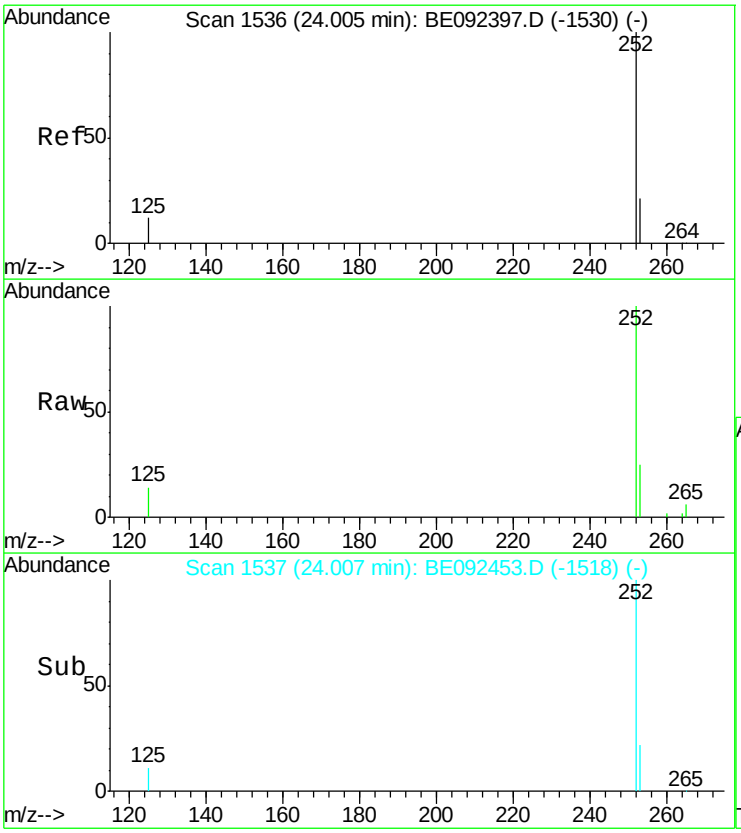
#33
Benzo(k)fluoranthene
Concen: 0.40 ng
RT: 23.43 min Scan# 1487
Delta R.T. 0.02 min
Lab File: BE092453.D
Acq: 7 Oct 2016 19:03

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:252 Resp: 6761

Ion	Ratio	Lower	Upper
252	100		
253	23.3	20.3	30.5
125	12.5	9.6	14.4

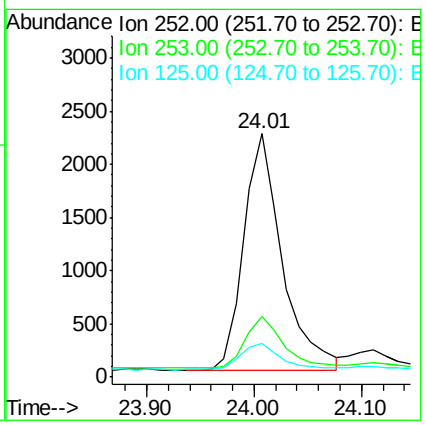


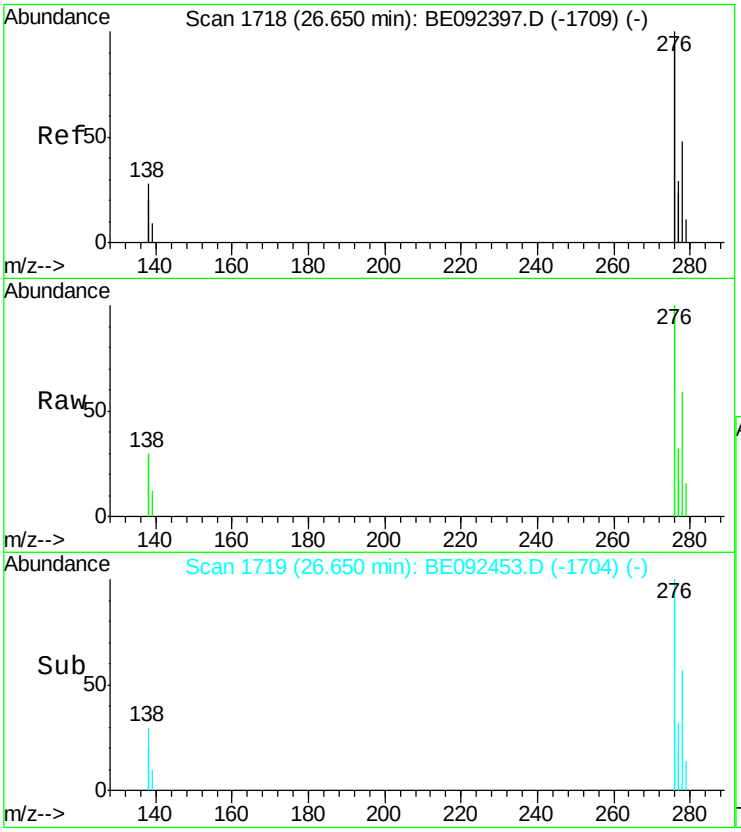


#34
Benzo(a)pyrene
Concen: 0.35 ng
RT: 24.01 min Scan# 1537
Delta R.T. 0.02 min
Lab File: BE092453.D
Acq: 7 Oct 2016 19:03

Tgt Ion:252 Resp: 5494

Ion	Ratio	Lower	Upper
252	100		
253	24.9	19.0	28.6
125	14.1	11.8	17.8



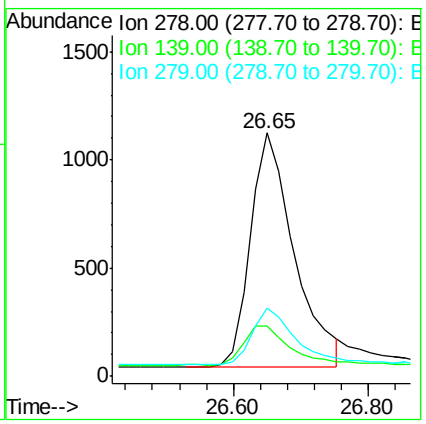


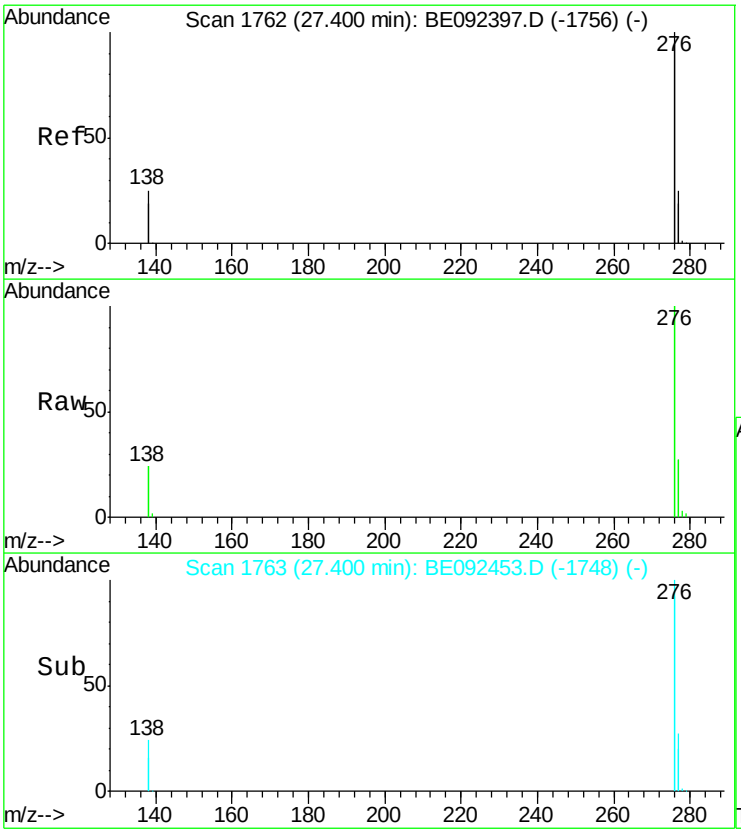
#35
Dibenzo(a,h)anthracene
Concen: 0.33 ng
RT: 26.65 min Scan# 1719
Delta R.T. 0.05 min
Lab File: BE092453.D
Acq: 7 Oct 2016 19:03

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:278 Resp: 4843

Ion	Ratio	Lower	Upper
278	100		
139	20.7	13.8	20.8
279	27.8	21.4	32.2





#36
Benzo(g,h,i)perylene
Concen: 0.36 ng
RT: 27.40 min Scan# 1763
Delta R.T. 0.05 min
Lab File: BE092453.D
Acq: 7 Oct 2016 19:03

Tgt Ion:276 Resp: 22530

Ion	Ratio	Lower	Upper
276	100		
277	27.0	19.8	29.8
138	24.2	19.8	29.6