Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE102516\
Data File : BE092473.D
Acq On : 25 Oct 2016 10:26
Operator : UM/SJ
Sample : SSTDICC0.4
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDICC0.4

Quant Time: Oct 25 13:03:24 2016
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE102516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 25 13:01:19 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	10162	5.00	ng		0.00
7) Naphthalene-d8	10.95	136	49079	5.00	ng		0.00
12) Acenaphthene-d10	14.82	164	34276	5.00	ng		0.00
18) Phenanthrene-d10	17.58	188	67596	5.00	ng		0.00
24) Chrysene-d12	21.75	240	82791	5.00	ng		0.00
31) Perylene-d12	24.11	264	68677	5.00	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.69	112	561	0.28	ng		0.00
5) Phenol-d6	7.36	99	807	0.29	ng		0.00
8) Nitrobenzene-d5	9.36	82	996	0.34	ng		0.00
13) 2,4,6-Tribromophenol	16.32	330	249	0.25	ng		0.00
14) 2-Fluorobiphenyl	13.45	172	3278	0.40	ng		0.00
26) Terphenyl-d14	20.19	244	3796	0.37	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.41	88	504	0.39	ng		96
3) n-Nitrosodimethylamine	3.80	42	468	0.39	ng	#	93
6) bis(2-Chloroethyl)ether	7.59	93	959	0.39	ng	#	68
9) Naphthalene	10.99	128	4243	0.40	ng		96
10) Hexachlorobutadiene	11.28	225	658	0.39	ng		99
11) 2-Methylnaphthalene	12.65	142	2634	0.37	ng		93
15) Acenaphthylene	14.53	152	18899	0.38	ng		99
16) Acenaphthene	14.88	154	3104	0.40	ng		96
17) Fluorene	15.87	166	3611	0.37	ng		99
19) Hexachlorobenzene	16.89	284	1165	0.40	ng	#	67
20) Pentachlorophenol	17.26	266	177	0.26	ng		89
21) Phenanthrene	17.60	178	6399	0.41	ng	#	95
22) Anthracene	17.72	178	5544	0.37	ng		99
23) Fluoranthene	19.61	202	26031	0.35	ng		100
25) Pyrene	19.99	202	26909	0.38	ng		100
27) Benzo(a)anthracene	21.72	228	28862m	0.36	ng		
28) Chrysene	21.77	228	31186m	0.42	ng		
29) Bis(2-ethylhexyl)phthalate	21.63	149	1933	0.28	ng	#	75
30) Indeno(1,2,3-cd)pyrene	26.62	276	26199	0.33	ng		98
32) Benzo(b)fluoranthene	23.38	252	5945	0.36	ng		99
33) Benzo(k)fluoranthene	23.43	252	7016	0.40	ng		96
34) Benzo(a)pyrene	24.01	252	5465	0.34	ng		97
35) Dibenzo(a,h)anthracene	26.65	278	5262	0.35	ng		98
36) Benzo(g,h,i)perylene	27.40	276	23693	0.37	ng		97

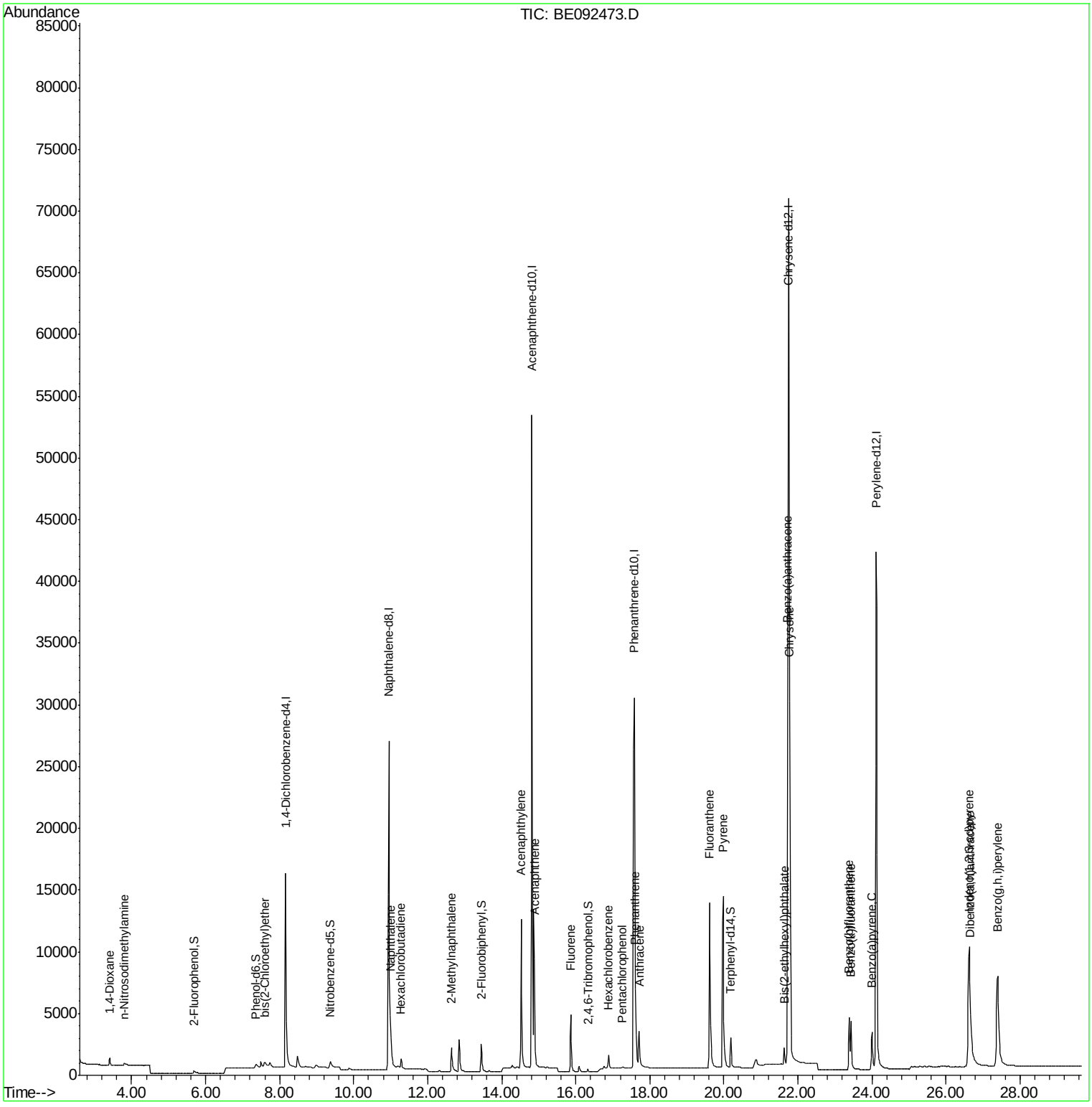
(#) = qualifier out of range (m) = manual integration (+) = signals summed

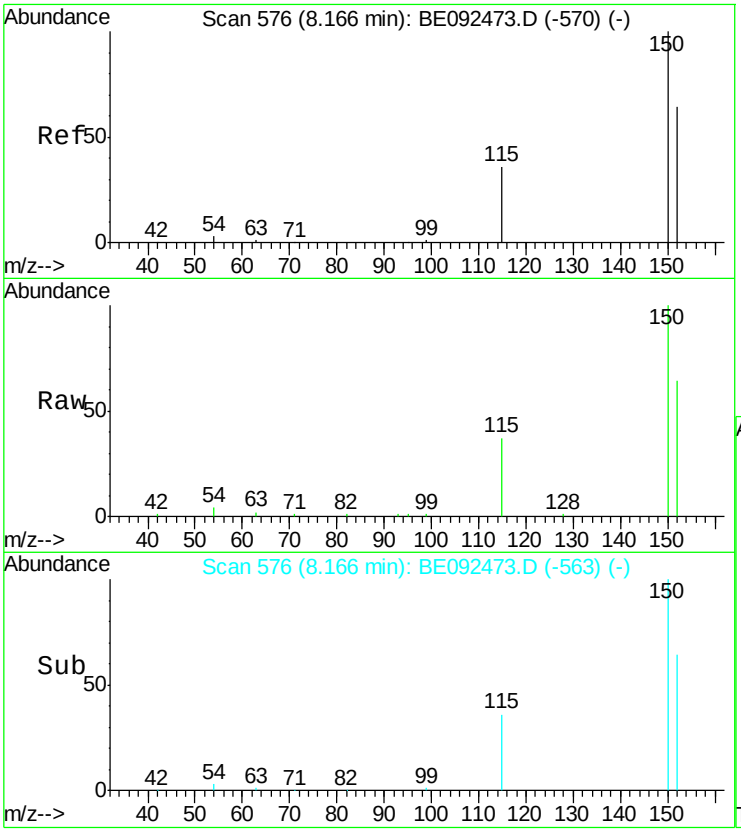
Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE102516\
Data File : BE092473.D
Acq On : 25 Oct 2016 10:26
Operator : UM/SJ
Sample : SSTDICC0.4
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.4

Quant Time: Oct 25 13:03:24 2016
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE102516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 25 13:01:19 2016
Response via : Initial Calibration



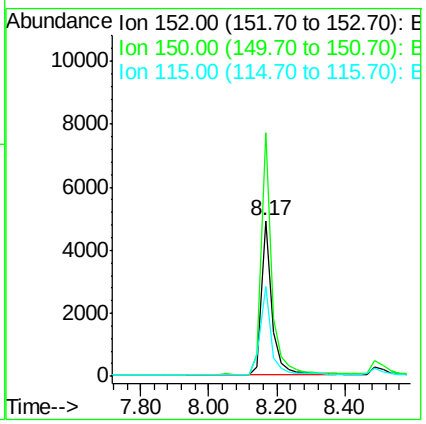


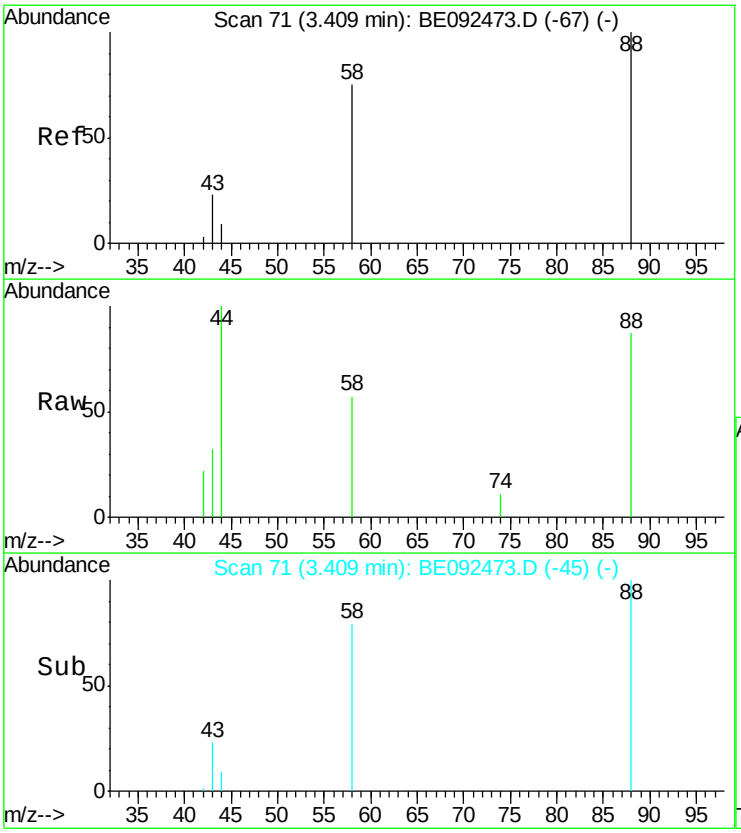
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 8.17 min Scan# 576
Delta R.T. 0.00 min
Lab File: BE092473.D
Acq: 25 Oct 2016 10:26

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.4

Tgt Ion:152 Resp: 10162

Ion	Ratio	Lower	Upper
152	100		
150	156.7	106.0	159.0
115	57.9	31.2	46.8#

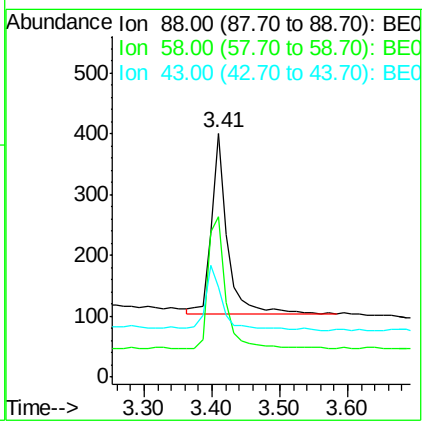


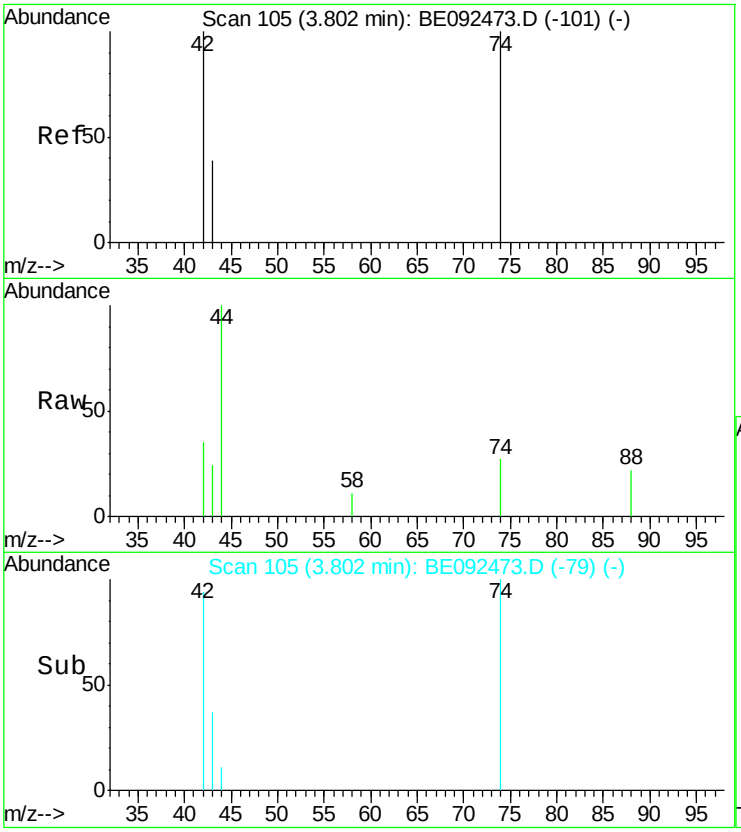


#2
1,4-Dioxane
Concen: 0.39 ng
RT: 3.41 min Scan# 71
Delta R.T. 0.00 min
Lab File: BE092473.D
Acq: 25 Oct 2016 10:26

Tgt Ion: 88 Resp: 504

Ion	Ratio	Lower	Upper
88	100		
58	76.6	63.6	95.4
43	31.3	28.0	42.0



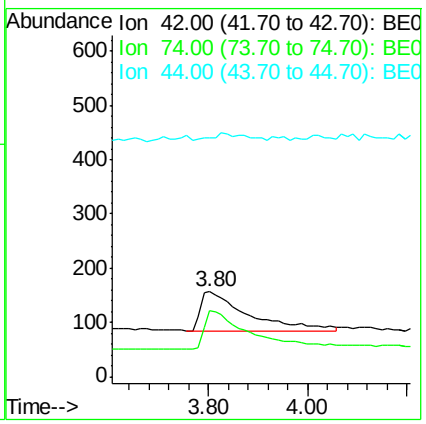


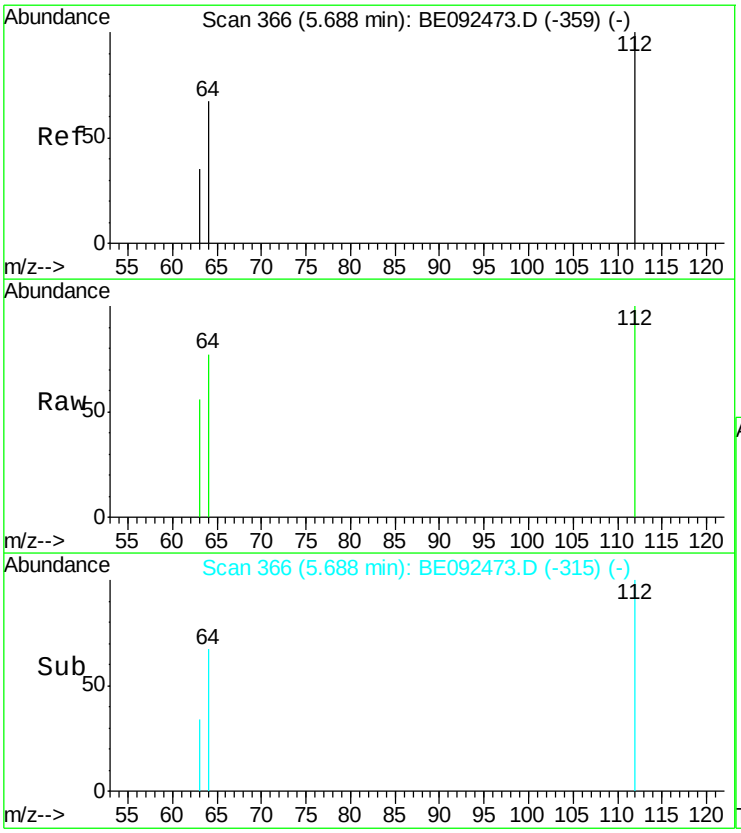
#3
n-Nitrosodimethylamine
Concen: 0.39 ng
RT: 3.80 min Scan# 105
Delta R.T. 0.00 min
Lab File: BE092473.D
Acq: 25 Oct 2016 10:26

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.4

Tgt Ion: 42 Resp: 468

Ion	Ratio	Lower	Upper
42	100		
74	100.9	86.0	129.0
44	0.0	5.1	7.7#

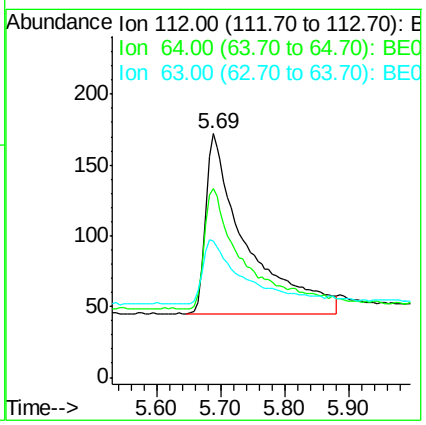


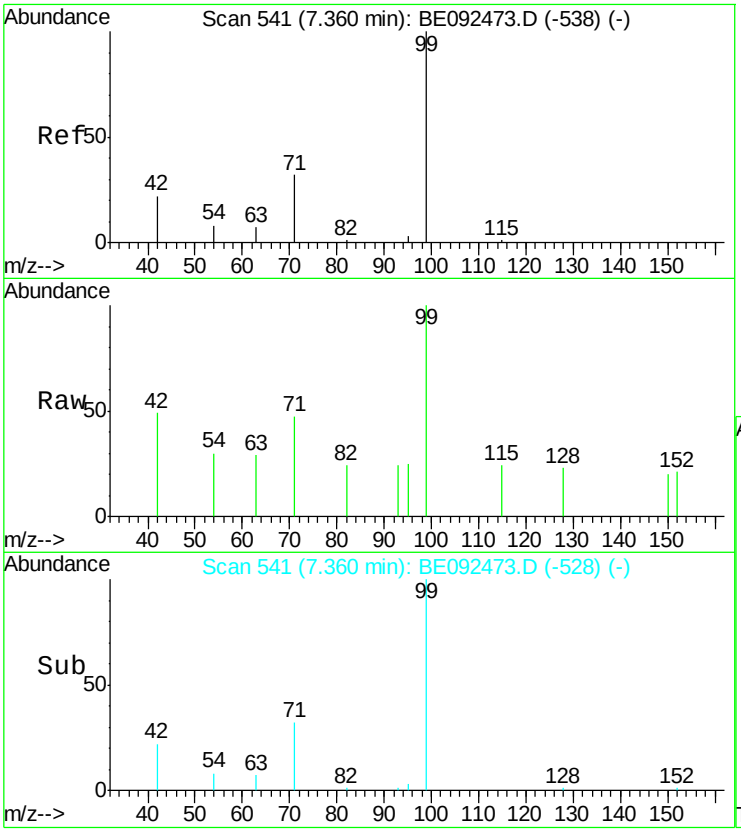


#4
2-Fluorophenol
Concen: 0.28 ng
RT: 5.69 min Scan# 366
Delta R.T. 0.00 min
Lab File: BE092473.D
Acq: 25 Oct 2016 10:26

Tgt Ion:112 Resp: 561

Ion	Ratio	Lower	Upper
112	100		
64	70.6	53.5	80.3
63	36.0	27.9	41.9



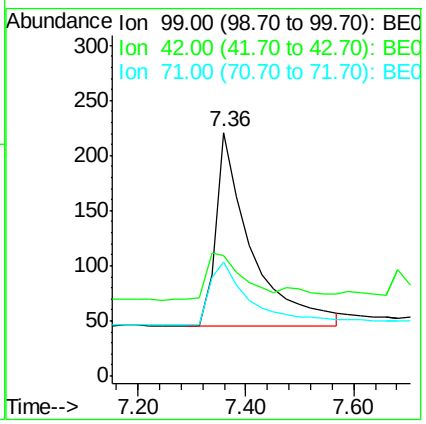


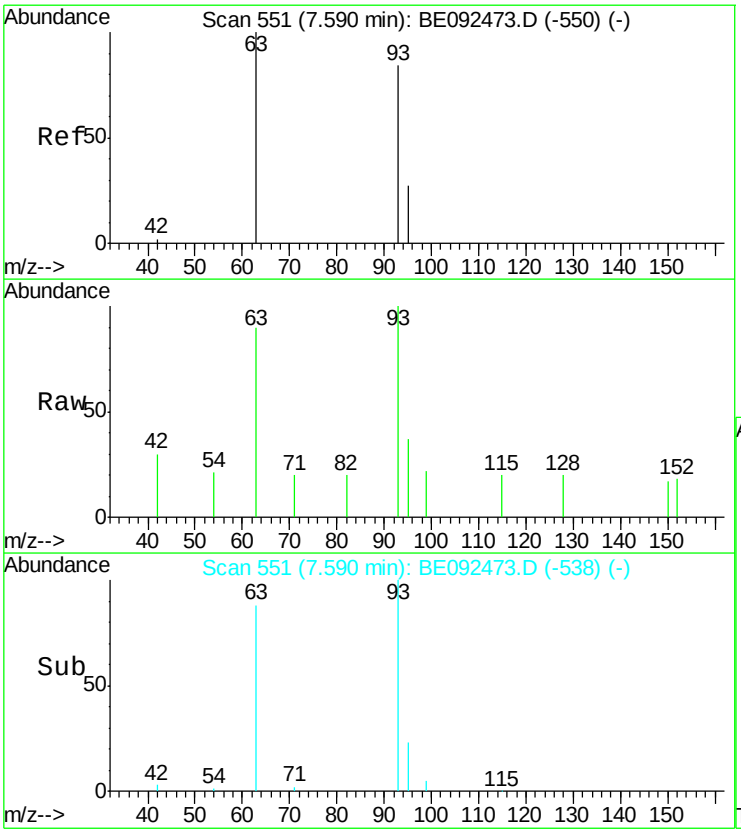
#5
Phenol-d6
Concen: 0.29 ng
RT: 7.36 min Scan# 541
Delta R.T. 0.00 min
Lab File: BE092473.D
Acq: 25 Oct 2016 10:26

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.4

Tgt Ion: 99 Resp: 807

Ion	Ratio	Lower	Upper
99	100		
42	0.0	16.0	24.0#
71	36.3	30.6	45.8

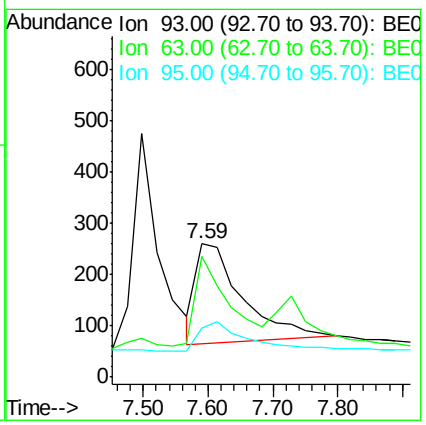


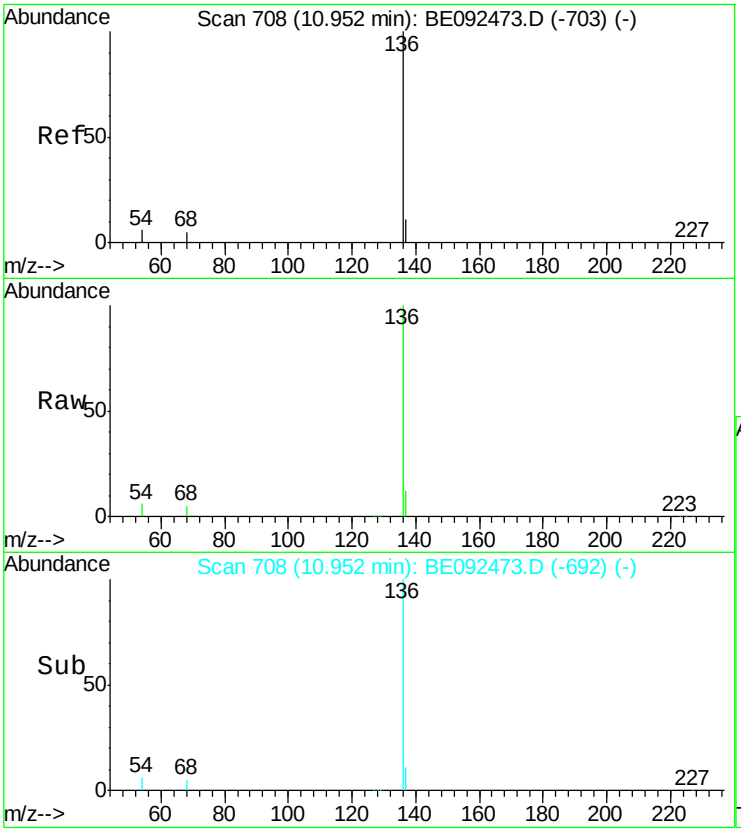


#6
bis(2-Chloroethyl)ether
Concen: 0.39 ng
RT: 7.59 min Scan# 551
Delta R.T. 0.00 min
Lab File: BE092473.D
Acq: 25 Oct 2016 10:26

Tgt Ion: 93 Resp: 959

Ion	Ratio	Lower	Upper
93	100		
63	67.3	71.6	107.4#
95	0.0	24.0	36.0#



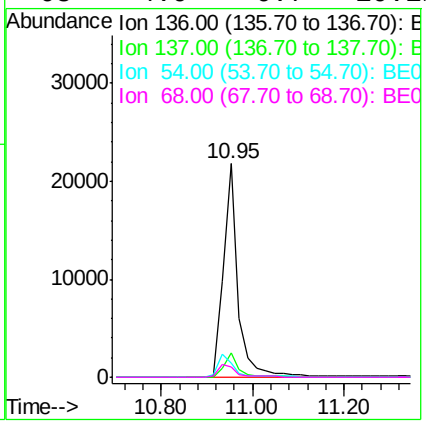


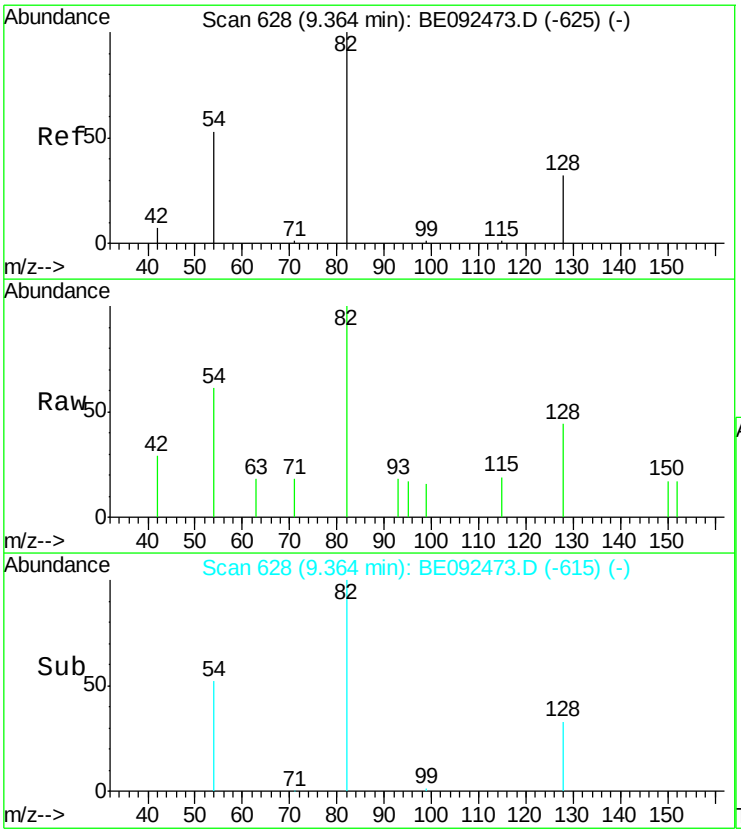
#7
Naphthalene-d8
Concen: 5.00 ng
RT: 10.95 min Scan# 708
Delta R.T. 0.00 min
Lab File: BE092473.D
Acq: 25 Oct 2016 10:26

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.4

Tgt Ion:136 Resp: 49079

Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.2	12.4
54	6.5	9.6	14.4#
68	4.9	6.7	10.1#

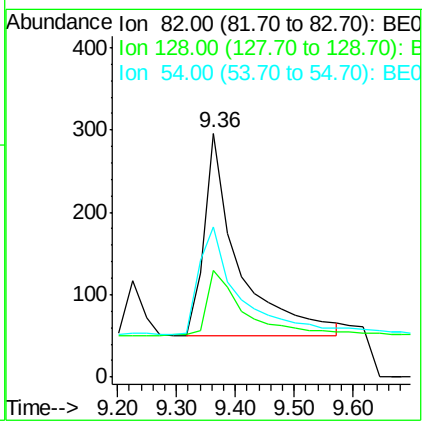


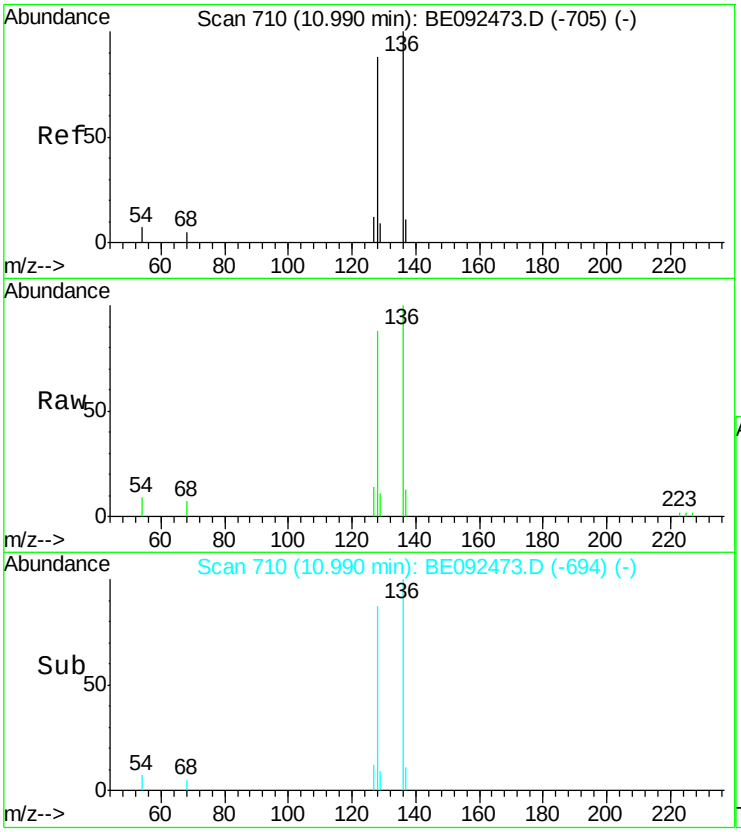


#8
Nitrobenzene-d5
Concen: 0.34 ng
RT: 9.36 min Scan# 628
Delta R.T. 0.00 min
Lab File: BE092473.D
Acq: 25 Oct 2016 10:26

Tgt Ion: 82 Resp: 996

Ion	Ratio	Lower	Upper
82	100		
128	43.9	39.0	58.4
54	61.5	44.8	67.2



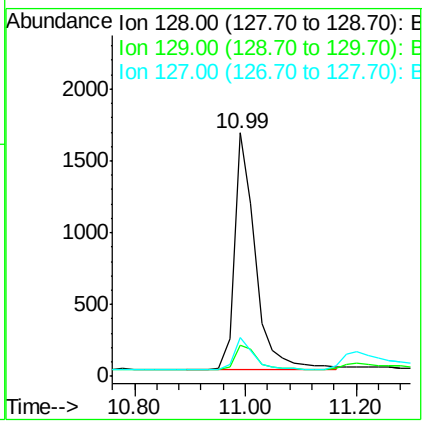


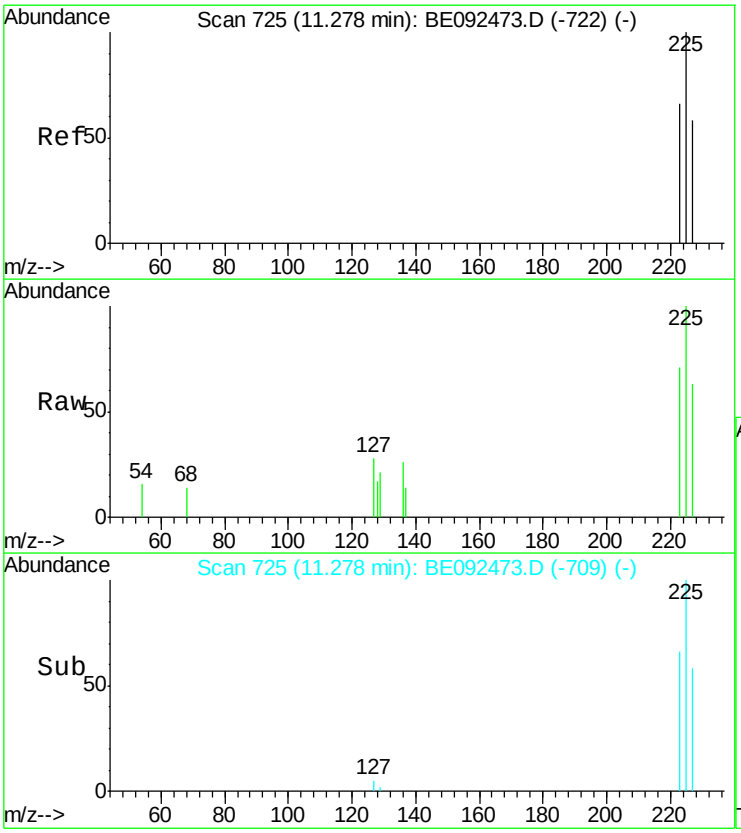
#9
Naphthalene
Concen: 0.40 ng
RT: 10.99 min Scan# 710
Delta R.T. 0.00 min
Lab File: BE092473.D
Acq: 25 Oct 2016 10:26

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.4

Tgt Ion:128 Resp: 4243

Ion	Ratio	Lower	Upper
128	100		
129	12.7	11.2	16.8
127	16.0	11.6	17.4

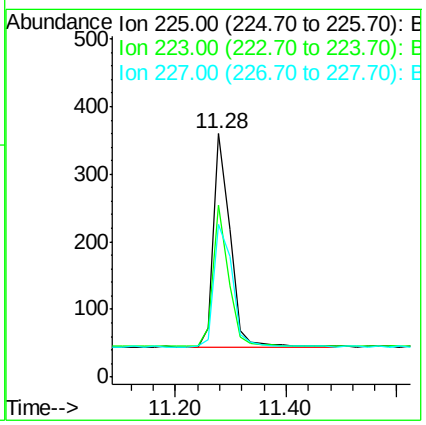


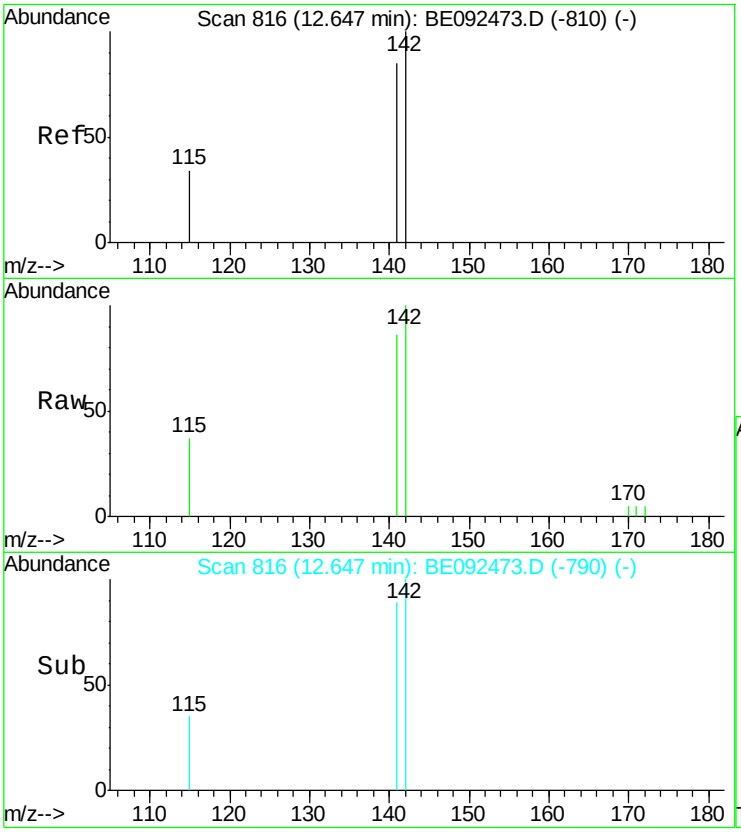


#10
Hexachlorobutadiene
Concen: 0.39 ng
RT: 11.28 min Scan# 725
Delta R.T. 0.00 min
Lab File: BE092473.D
Acq: 25 Oct 2016 10:26

Tgt Ion:225 Resp: 658

Ion	Ratio	Lower	Upper
225	100		
223	62.0	50.6	76.0
227	64.1	51.4	77.0



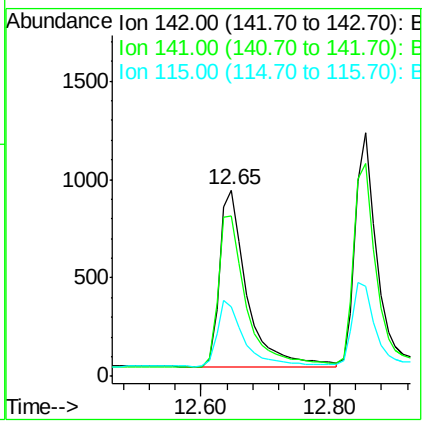


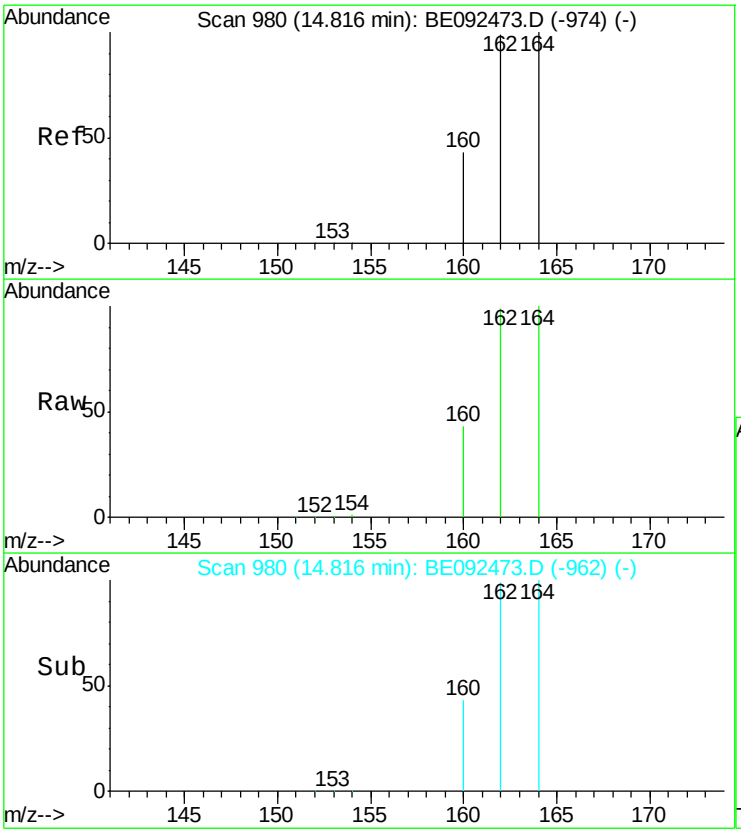
#11
2-Methylnaphthalene
Concen: 0.37 ng
RT: 12.65 min Scan# 816
Delta R.T. 0.00 min
Lab File: BE092473.D
Acq: 25 Oct 2016 10:26

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.4

Tgt Ion:142 Resp: 2634

Ion	Ratio	Lower	Upper
142	100		
141	85.7	73.7	110.5
115	37.4	34.0	51.0

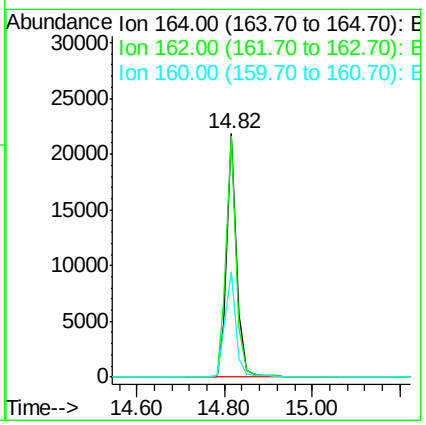


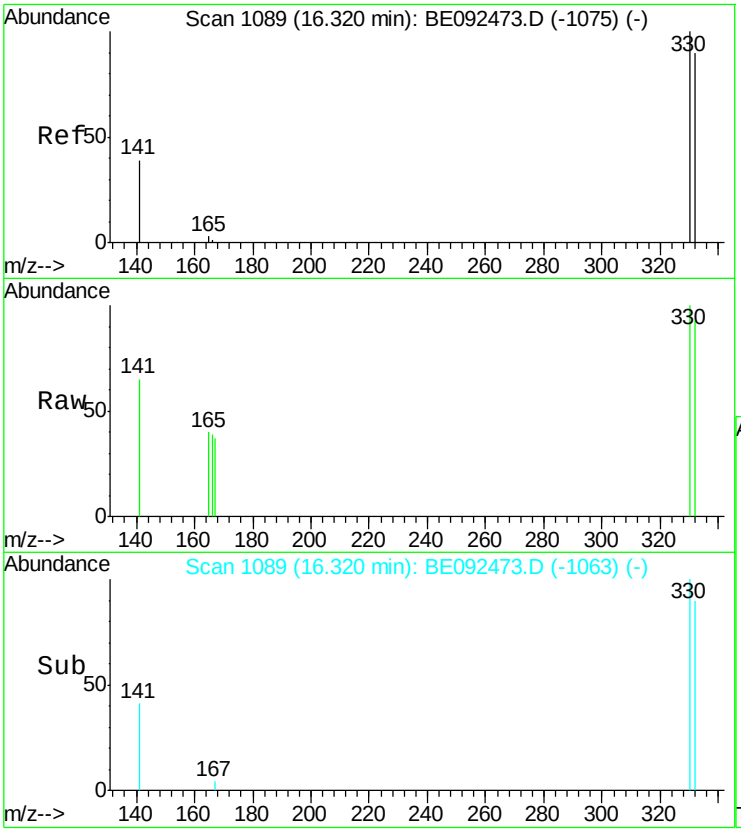


#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.82 min Scan# 980
Delta R.T. 0.00 min
Lab File: BE092473.D
Acq: 25 Oct 2016 10:26

Tgt Ion:164 Resp: 34276

Ion	Ratio	Lower	Upper
164	100		
162	99.0	71.4	107.0
160	43.2	27.4	41.2#



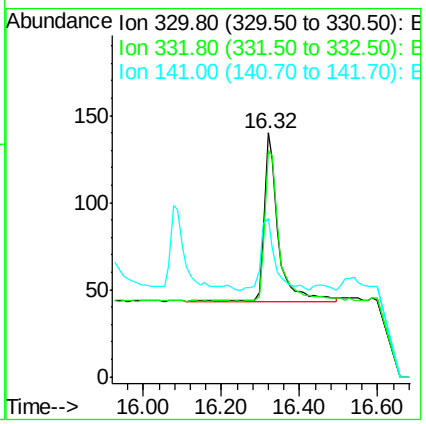


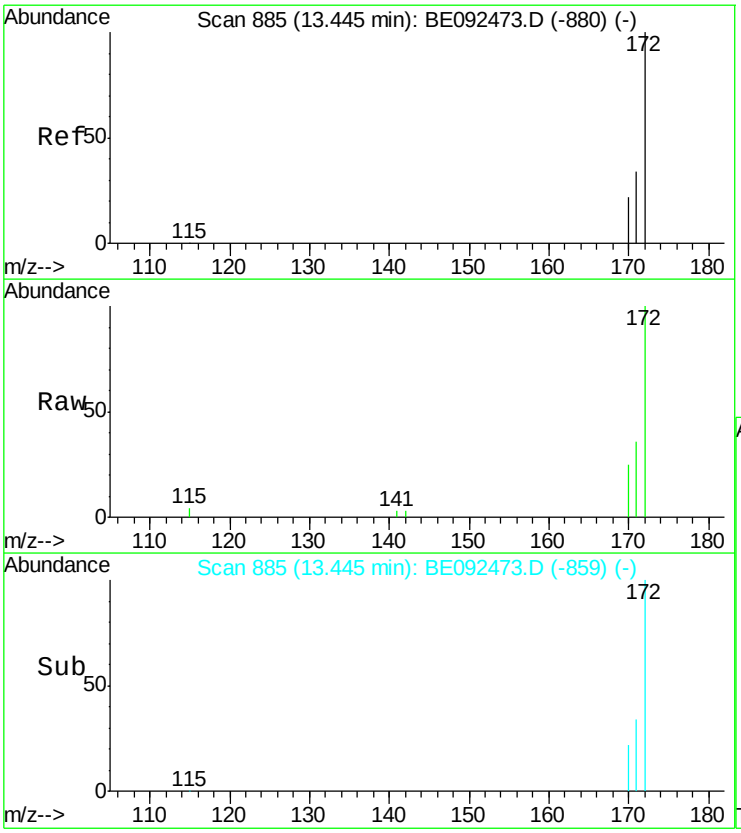
#13
2,4,6-Tribromophenol
Concen: 0.25 ng
RT: 16.32 min Scan# 1089
Delta R.T. 0.00 min
Lab File: BE092473.D
Acq: 25 Oct 2016 10:26

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.4

Tgt Ion:330 Resp: 249

Ion	Ratio	Lower	Upper
330	100		
332	94.8	75.4	113.0
141	41.4	31.0	46.6

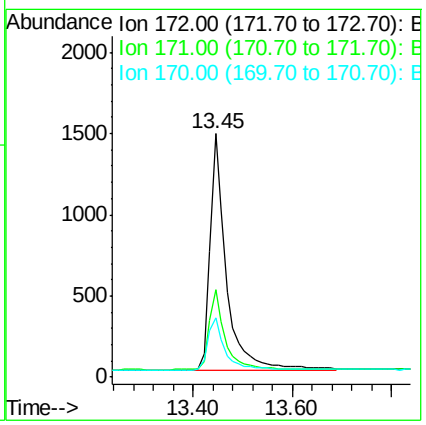


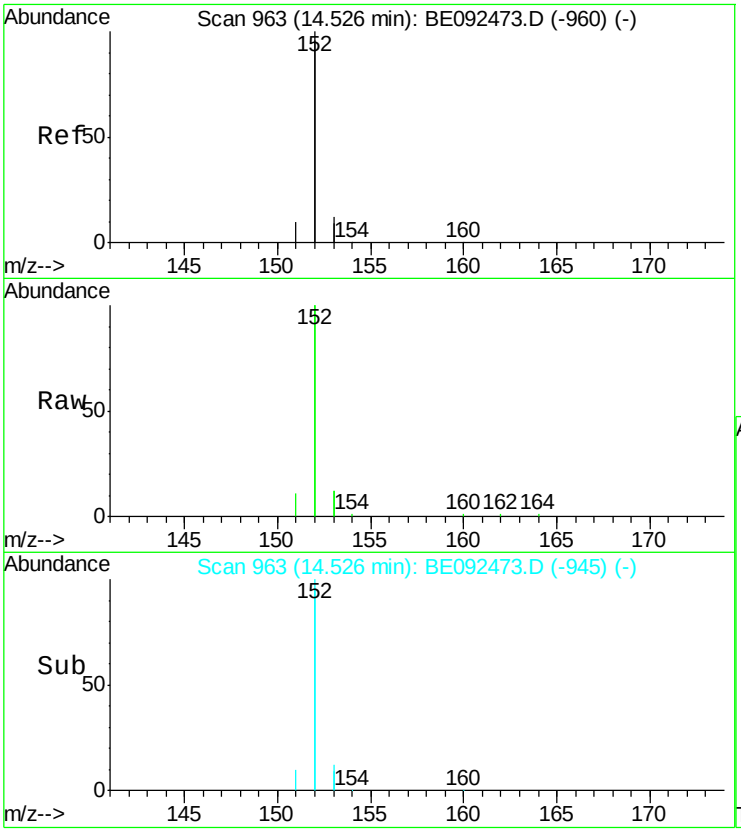


#14
2-Fluorobiphenyl
Concen: 0.40 ng
RT: 13.45 min Scan# 885
Delta R.T. 0.00 min
Lab File: BE092473.D
Acq: 25 Oct 2016 10:26

Tgt Ion:172 Resp: 3278

Ion	Ratio	Lower	Upper
172	100		
171	35.8	30.1	45.1
170	24.5	21.8	32.6



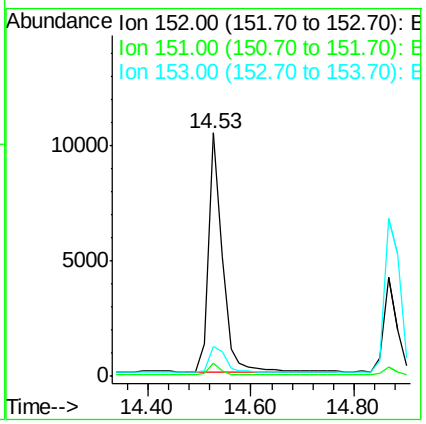


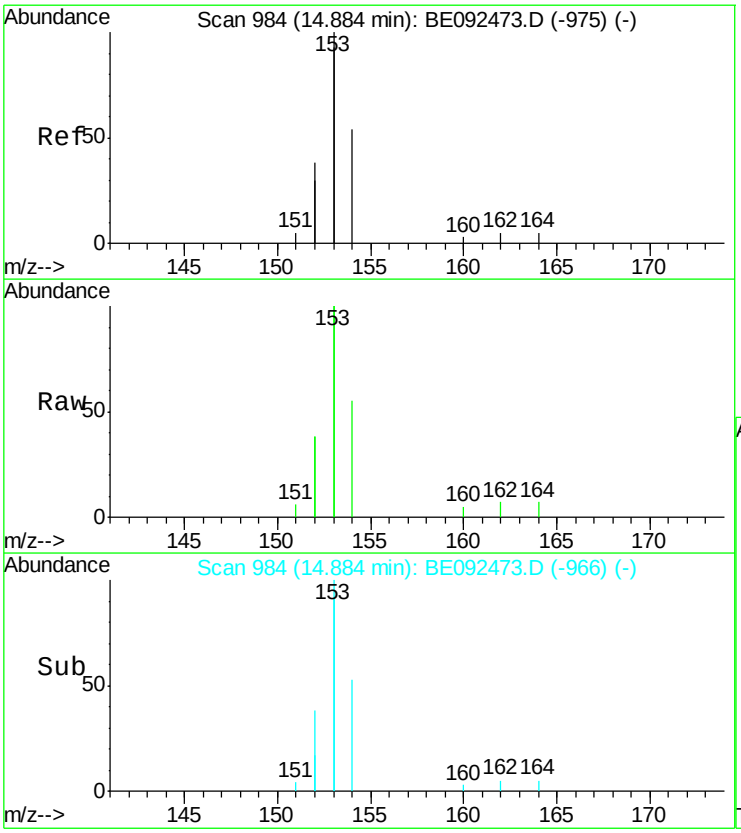
#15
Acenaphthylene
Concen: 0.38 ng
RT: 14.53 min Scan# 963
Delta R.T. 0.00 min
Lab File: BE092473.D
Acq: 25 Oct 2016 10:26

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.4

Tgt Ion:152 Resp: 18899

Ion	Ratio	Lower	Upper
152	100		
151	5.0	3.9	5.9
153	12.7	10.4	15.6

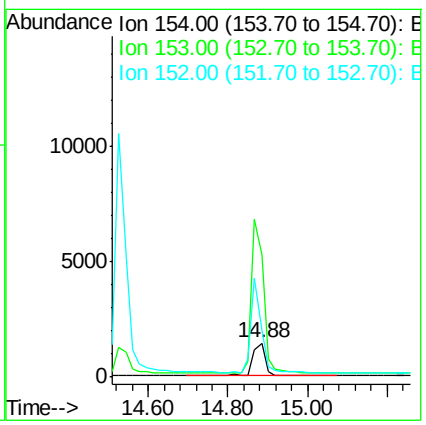


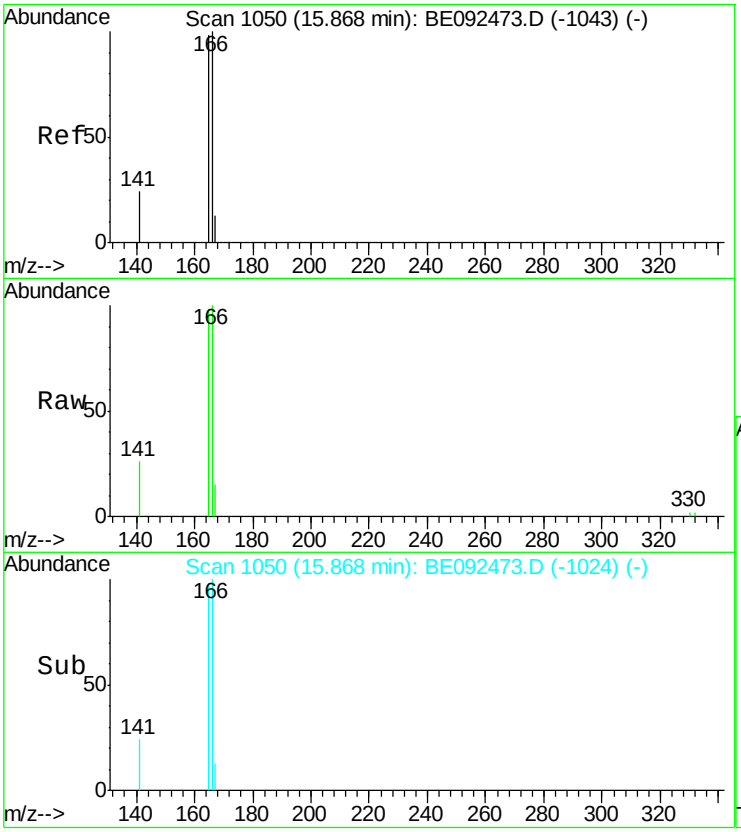


#16
Acenaphthene
Concen: 0.40 ng
RT: 14.88 min Scan# 984
Delta R.T. 0.00 min
Lab File: BE092473.D
Acq: 25 Oct 2016 10:26

Tgt Ion:154 Resp: 3104

Ion	Ratio	Lower	Upper
154	100		
153	437.8	350.8	526.2
152	231.2	171.1	256.7



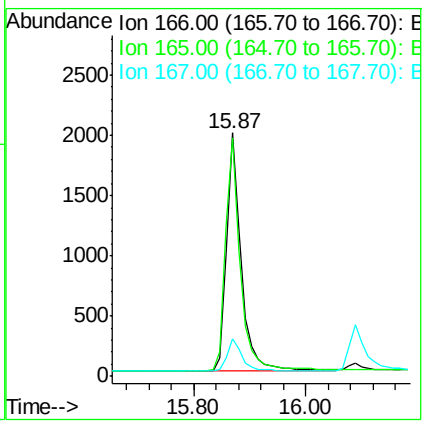


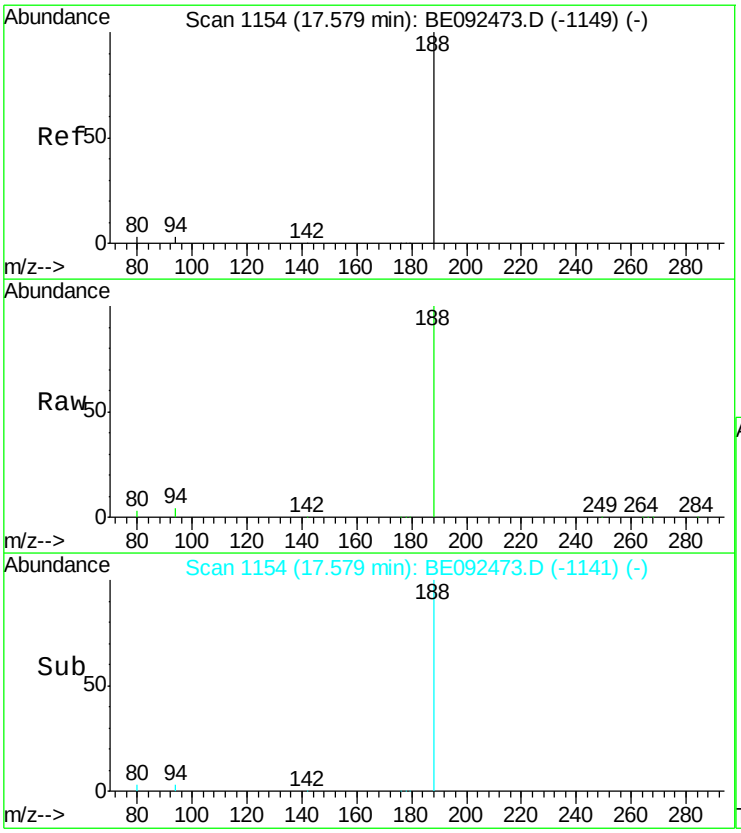
#17
Fluorene
Concen: 0.37 ng
RT: 15.87 min Scan# 1050
Delta R.T. 0.00 min
Lab File: BE092473.D
Acq: 25 Oct 2016 10:26

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.4

Tgt Ion:166 Resp: 3611

Ion	Ratio	Lower	Upper
166	100		
165	99.2	78.2	117.4
167	13.4	11.0	16.4

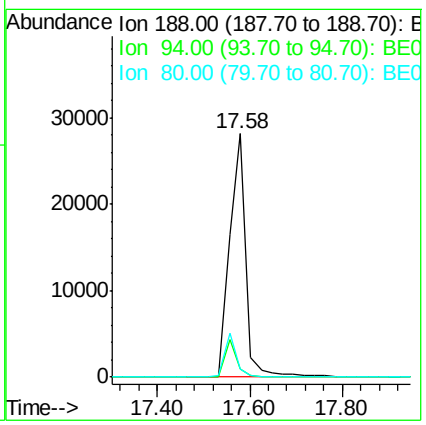


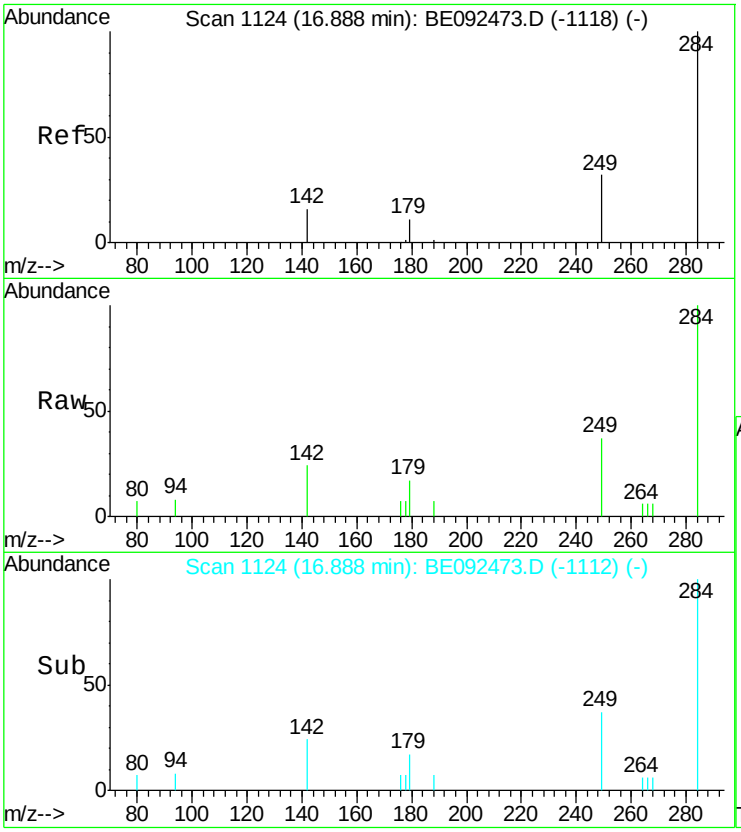


#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.58 min Scan# 1154
Delta R.T. 0.00 min
Lab File: BE092473.D
Acq: 25 Oct 2016 10:26

Tgt Ion:188 Resp: 67596

Ion	Ratio	Lower	Upper
188	100		
94	3.6	3.2	4.8
80	3.1	2.6	3.8



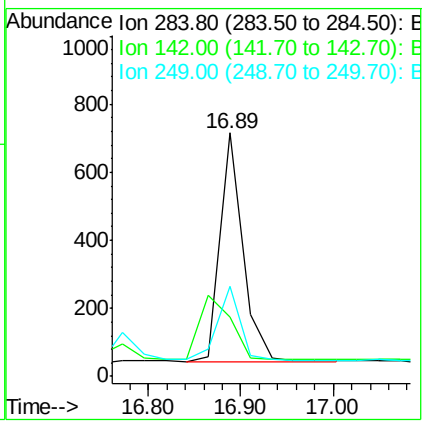


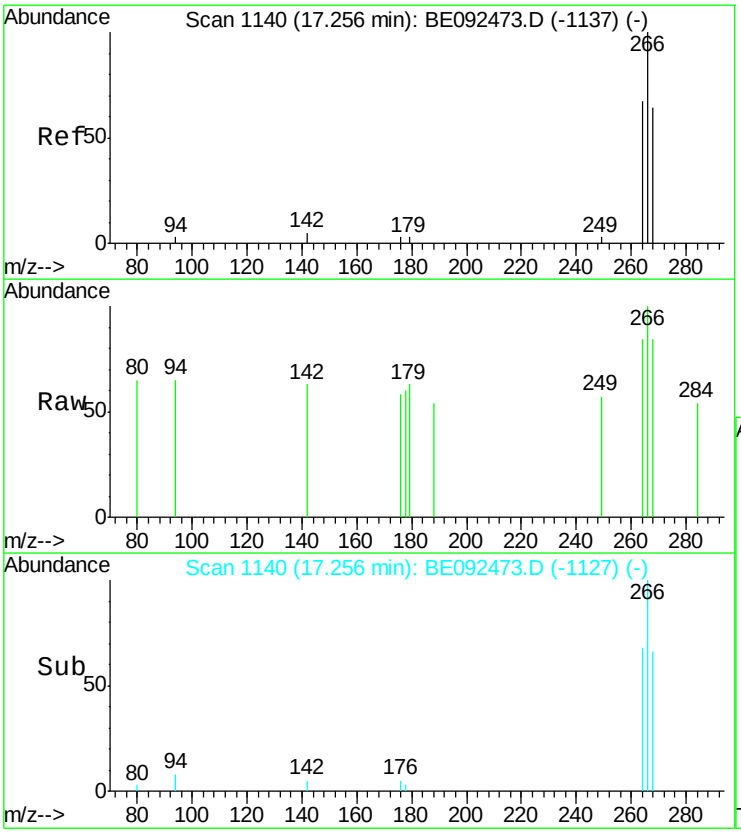
#19
Hexachlorobenzene
Concen: 0.40 ng
RT: 16.89 min Scan# 1124
Delta R.T. 0.00 min
Lab File: BE092473.D
Acq: 25 Oct 2016 10:26

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.4

Tgt Ion:284 Resp: 1165

Ion	Ratio	Lower	Upper
284	100		
142	0.0	29.1	43.7#
249	32.5	27.9	41.9

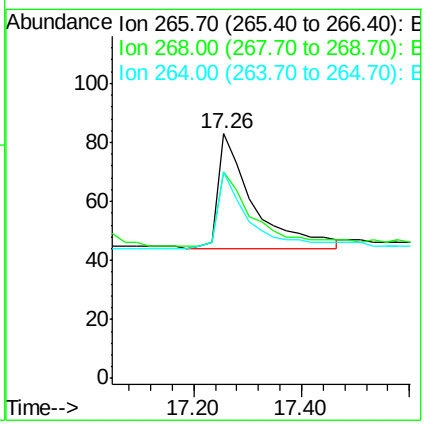


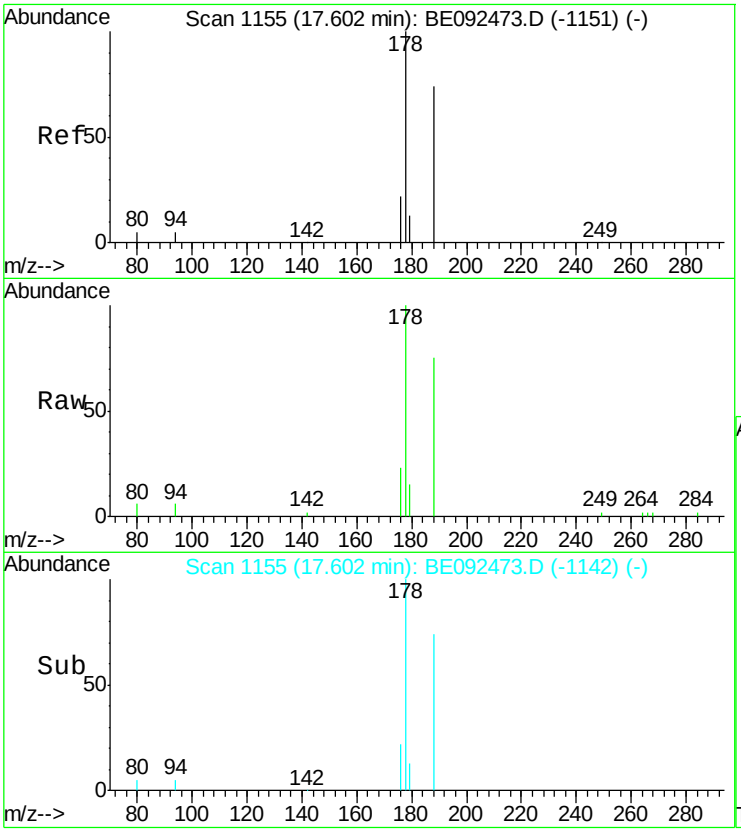


#20
Pentachlorophenol
Concen: 0.26 ng
RT: 17.26 min Scan# 1140
Delta R.T. 0.00 min
Lab File: BE092473.D
Acq: 25 Oct 2016 10:26

Tgt Ion:266 Resp: 177

Ion	Ratio	Lower	Upper
266	100		
268	84.3	62.5	93.7
264	84.3	57.2	85.8



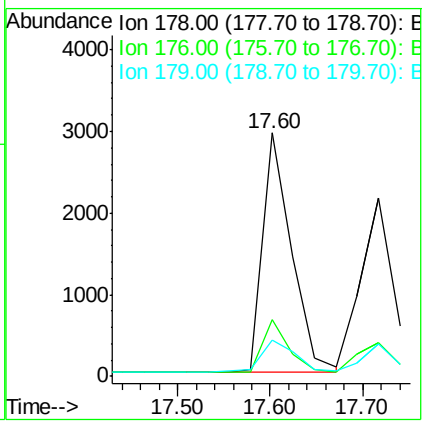


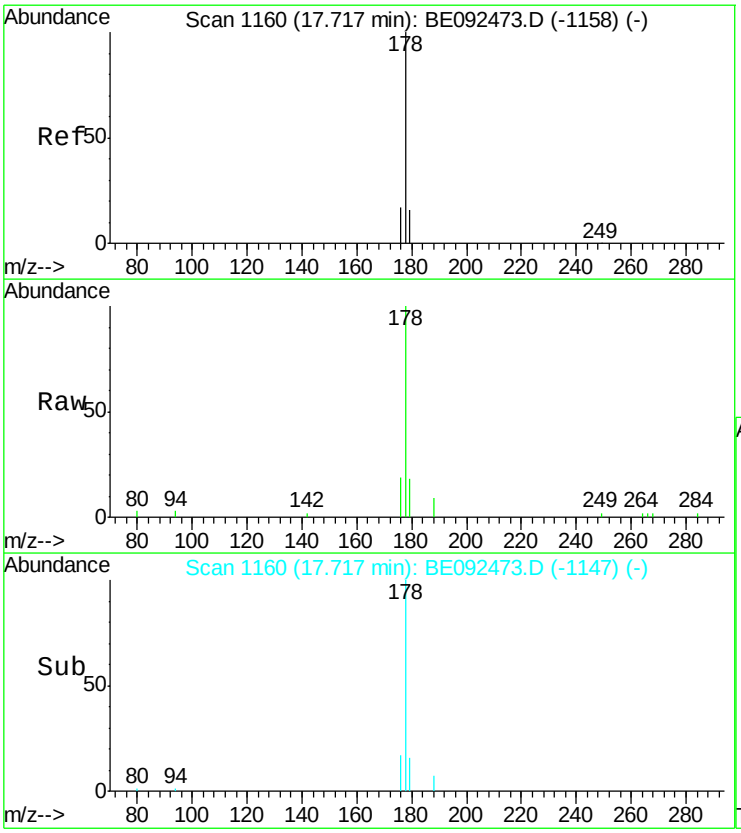
#21
Phenanthrene
Concen: 0.41 ng
RT: 17.60 min Scan# 1155
Delta R.T. 0.00 min
Lab File: BE092473.D
Acq: 25 Oct 2016 10:26

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.4

Tgt Ion:178 Resp: 6399

Ion	Ratio	Lower	Upper
178	100		
176	19.9	15.8	23.8
179	15.9	16.0	24.0#

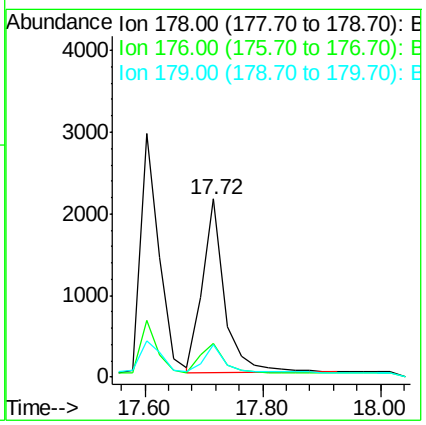


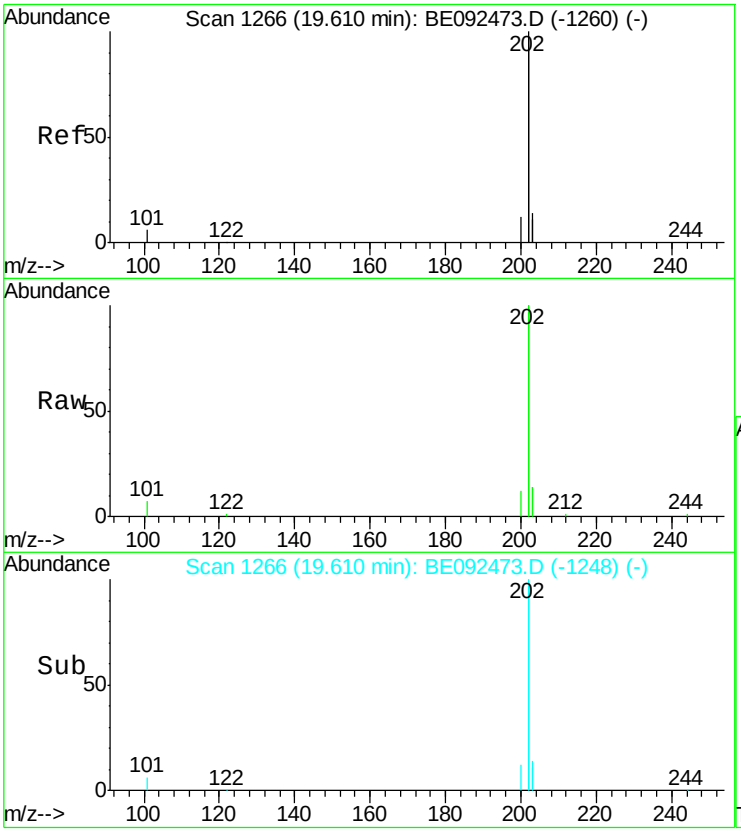


#22
Anthracene
Concen: 0.37 ng
RT: 17.72 min Scan# 1160
Delta R.T. 0.00 min
Lab File: BE092473.D
Acq: 25 Oct 2016 10:26

Tgt Ion:178 Resp: 5544

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.0	22.4
179	15.5	12.2	18.2



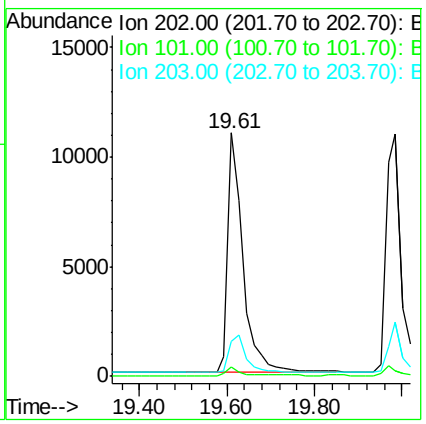


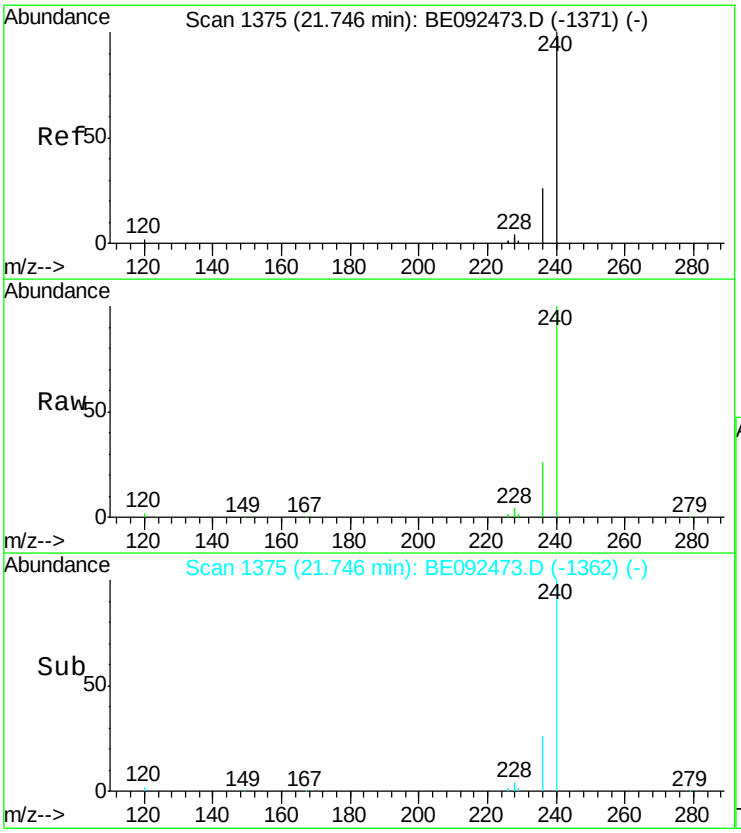
#23
Fluoranthene
Concen: 0.35 ng
RT: 19.61 min Scan# 1266
Delta R.T. 0.00 min
Lab File: BE092473.D
Acq: 25 Oct 2016 10:26

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.4

Tgt Ion:202 Resp: 26031

Ion	Ratio	Lower	Upper
202	100		
101	2.9	2.2	3.4
203	17.1	13.7	20.5

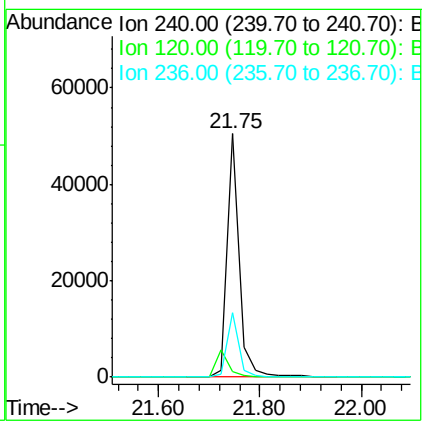


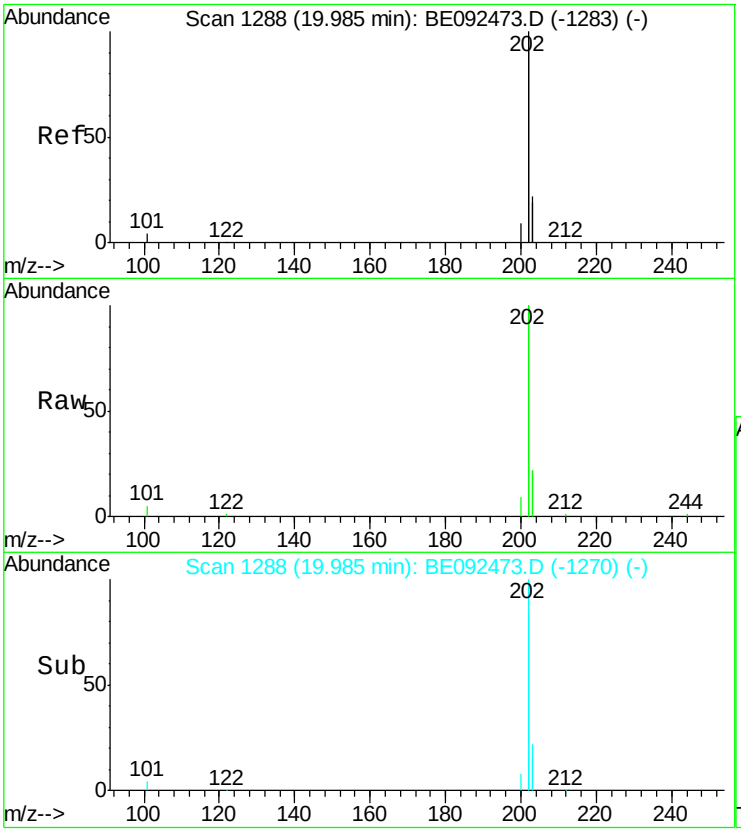


#24
Chrysene-d12
Concen: 5.00 ng
RT: 21.75 min Scan# 1375
Delta R.T. 0.00 min
Lab File: BE092473.D
Acq: 25 Oct 2016 10:26

Tgt Ion:240 Resp: 82791

Ion	Ratio	Lower	Upper
240	100		
120	2.5	2.6	4.0#
236	26.4	24.6	37.0



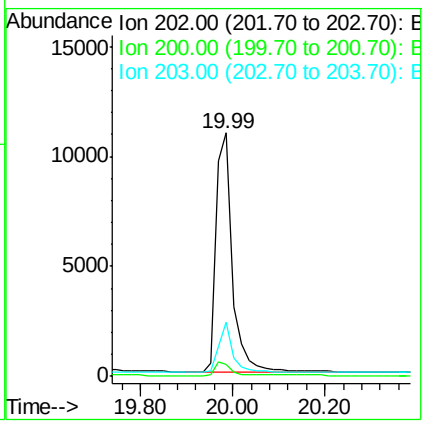


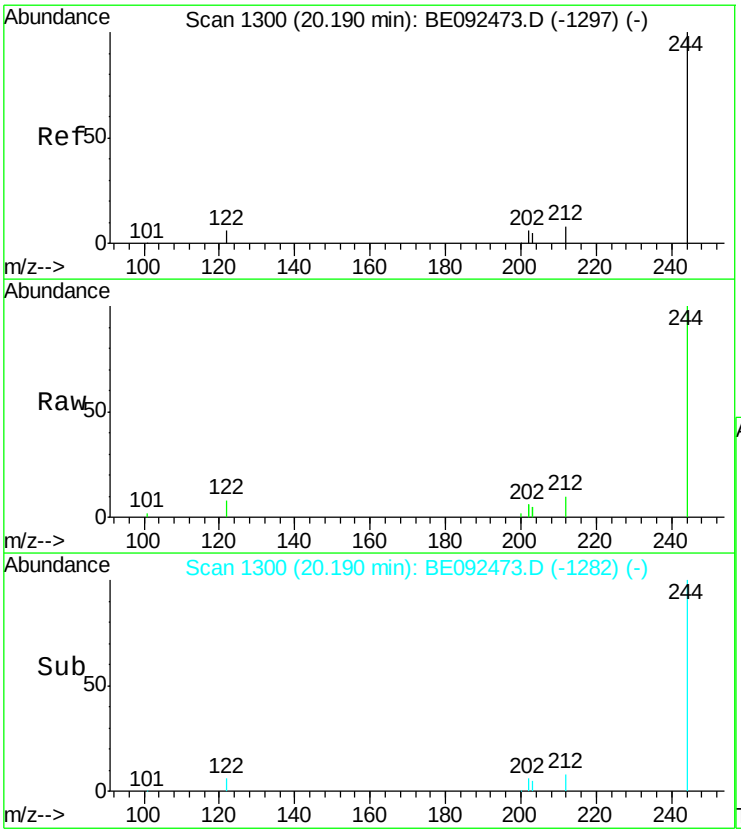
#25
Pyrene
Concen: 0.38 ng
RT: 19.99 min Scan# 1288
Delta R.T. 0.00 min
Lab File: BE092473.D
Acq: 25 Oct 2016 10:26

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.4

Tgt Ion:202 Resp: 26909

Ion	Ratio	Lower	Upper
202	100		
200	5.2	4.2	6.4
203	17.5	13.9	20.9

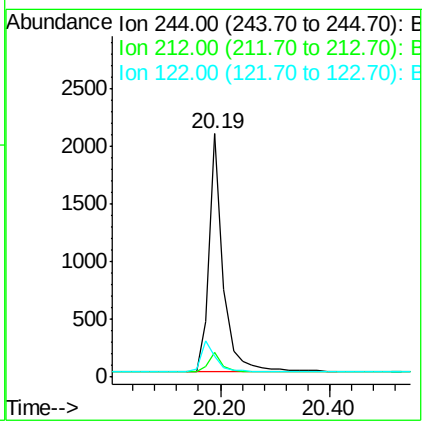


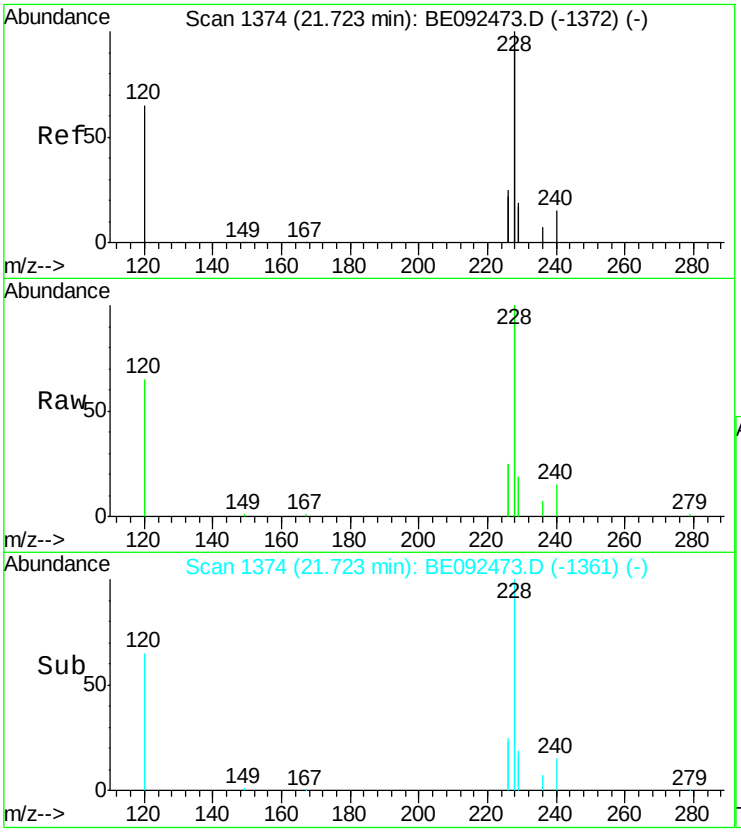


#26
Terphenyl-d14
Concen: 0.37 ng
RT: 20.19 min Scan# 1300
Delta R.T. 0.00 min
Lab File: BE092473.D
Acq: 25 Oct 2016 10:26

Tgt Ion:244 Resp: 3796

Ion	Ratio	Lower	Upper
244	100		
212	9.9	6.7	10.1
122	8.4	3.6	5.4#



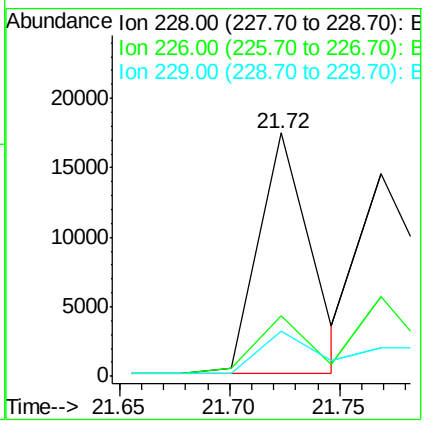


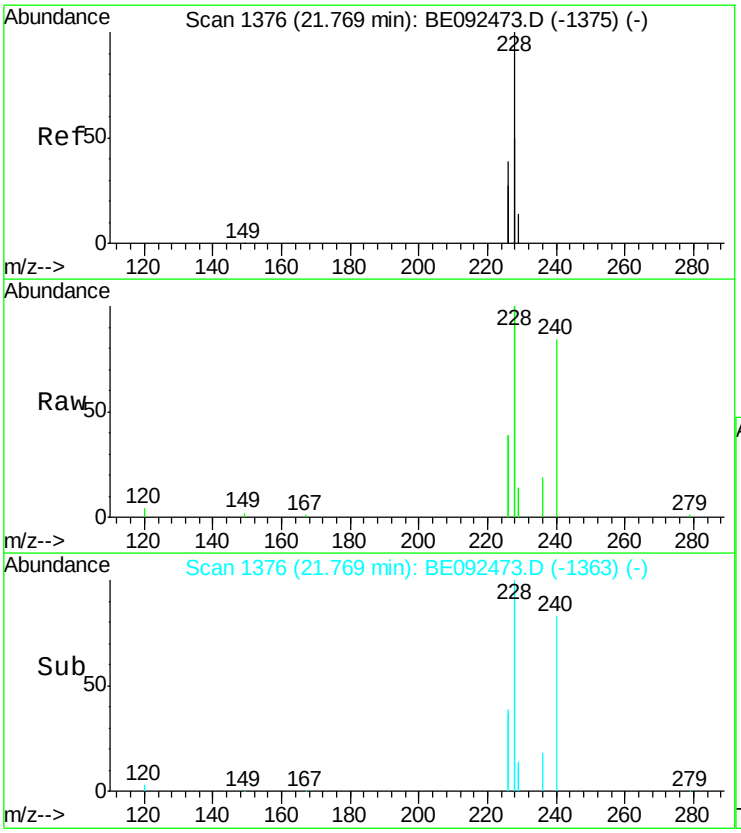
#27
Benzo(a)anthracene
Concen: 0.36 ng m
RT: 21.72 min Scan# 1374
Delta R.T. 0.00 min
Lab File: BE092473.D
Acq: 25 Oct 2016 10:26

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.4

Tgt Ion:228 Resp: 28862

Ion	Ratio	Lower	Upper
228	100		
226	24.7	23.6	35.4
229	18.7	13.3	19.9

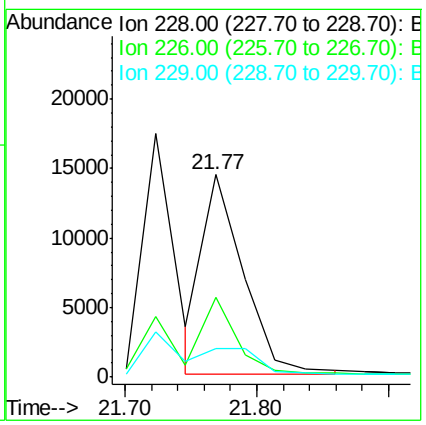


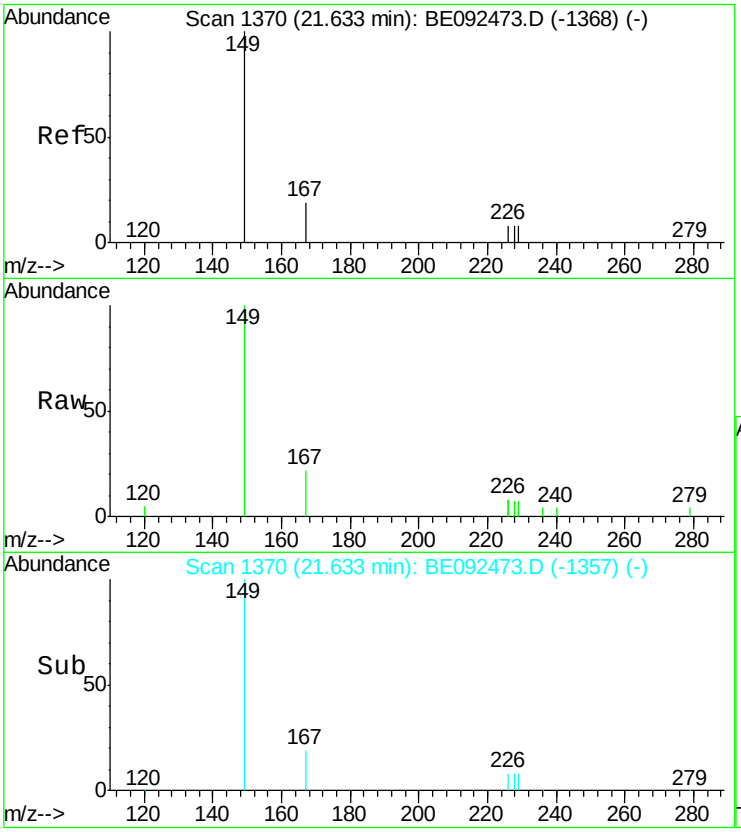


#28
Chrysene
Concen: 0.42 ng m
RT: 21.77 min Scan# 1376
Delta R.T. 0.00 min
Lab File: BE092473.D
Acq: 25 Oct 2016 10:26

Tgt Ion:228 Resp: 31186

Ion	Ratio	Lower	Upper
228	100		
226	39.2	36.3	54.5
229	14.3	10.6	16.0



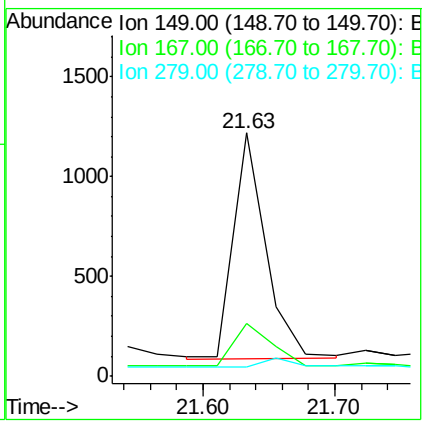


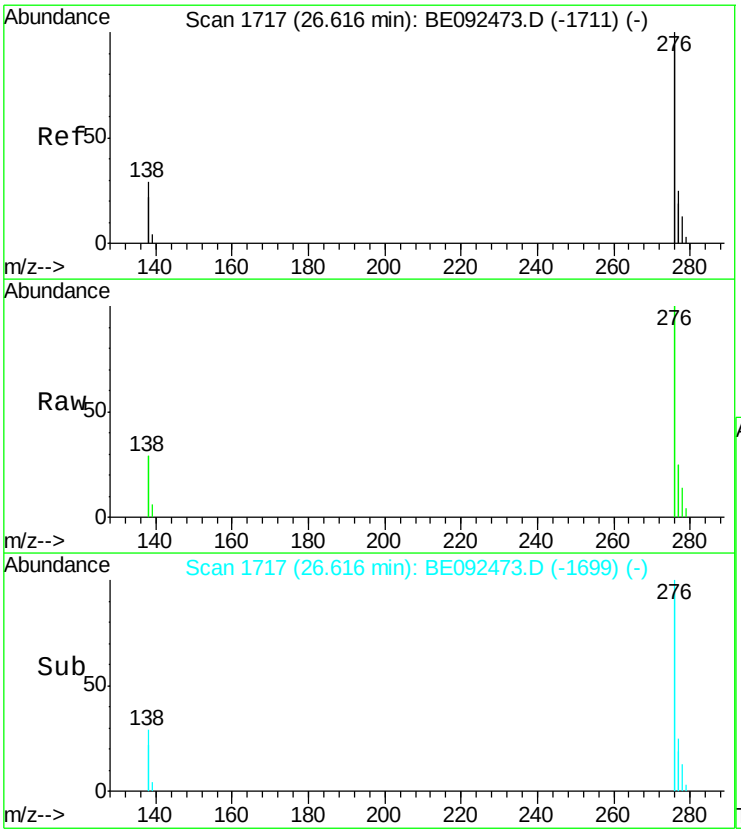
#29
Bis(2-ethylhexyl)phthalate
Concen: 0.28 ng
RT: 21.63 min Scan# 1370
Delta R.T. 0.00 min
Lab File: BE092473.D
Acq: 25 Oct 2016 10:26

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.4

Tgt Ion:149 Resp: 1933

Ion	Ratio	Lower	Upper
149	100		
167	22.6	16.0	24.0
279	0.0	16.0	24.0#

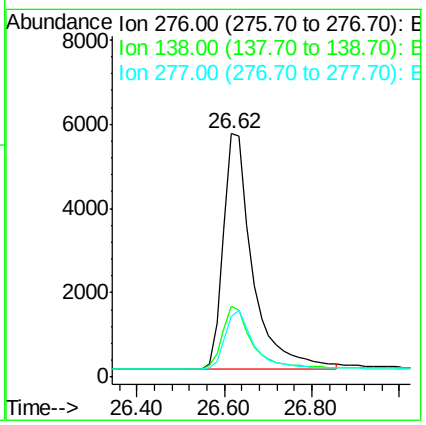


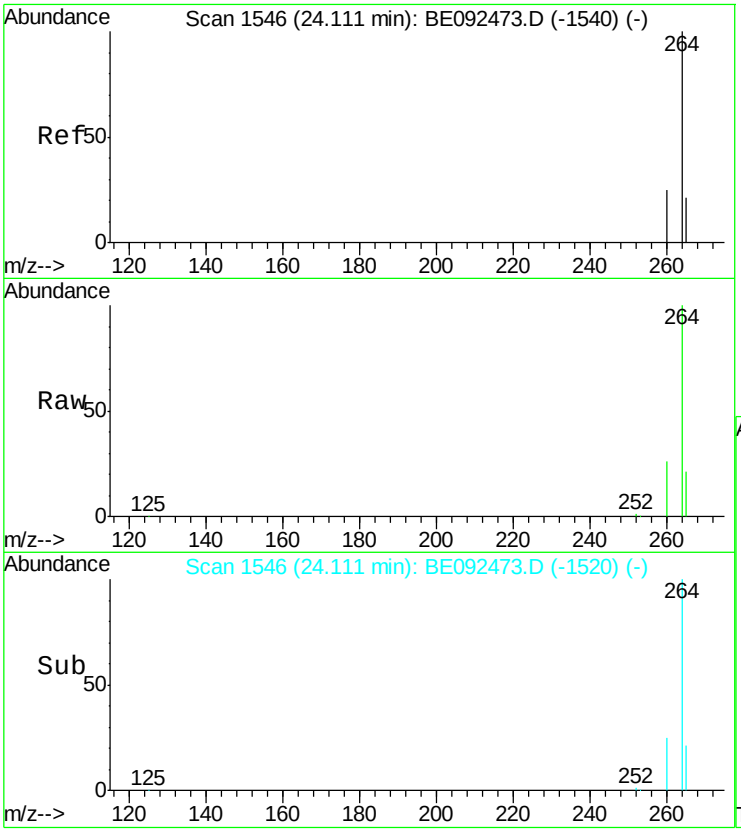


#30
Indeno(1,2,3-cd)pyrene
Concen: 0.33 ng
RT: 26.62 min Scan# 1717
Delta R.T. 0.00 min
Lab File: BE092473.D
Acq: 25 Oct 2016 10:26

Tgt Ion:276 Resp: 26199

Ion	Ratio	Lower	Upper
276	100		
138	27.1	20.3	30.5
277	24.6	19.7	29.5



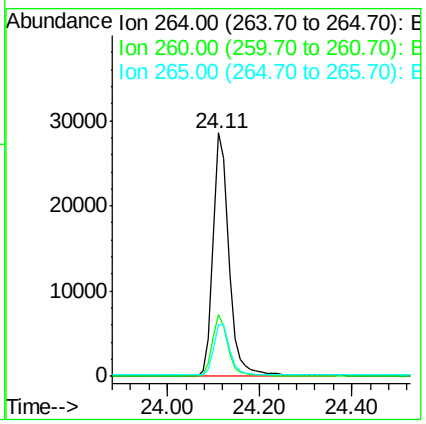


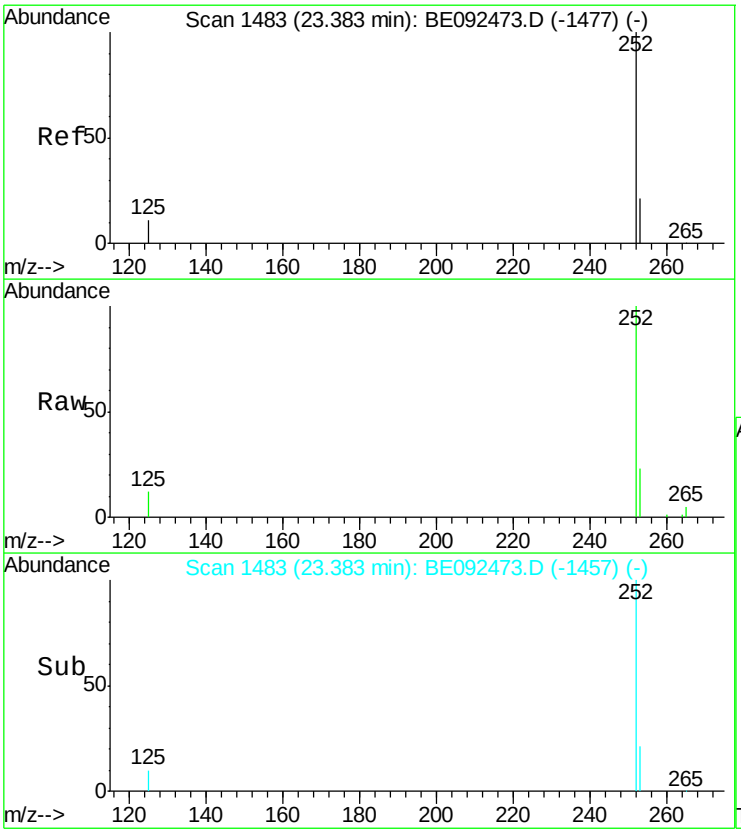
#31
Perylene-d12
Concen: 5.00 ng
RT: 24.11 min Scan# 1546
Delta R.T. 0.00 min
Lab File: BE092473.D
Acq: 25 Oct 2016 10:26

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.4

Tgt Ion:264 Resp: 68677

Ion	Ratio	Lower	Upper
264	100		
260	25.5	20.1	30.1
265	21.2	17.9	26.9

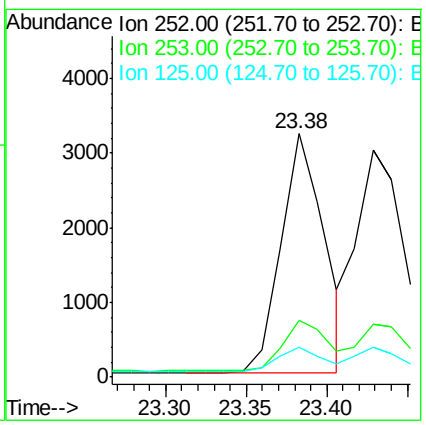


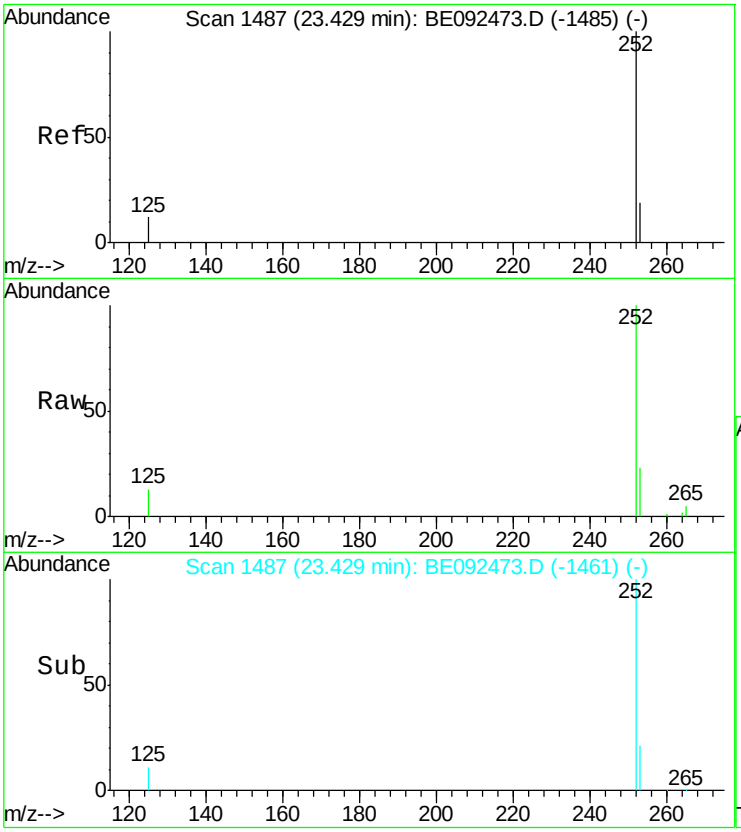


#32
Benzo(b)fluoranthene
Concen: 0.36 ng
RT: 23.38 min Scan# 1483
Delta R.T. 0.00 min
Lab File: BE092473.D
Acq: 25 Oct 2016 10:26

Tgt Ion:252 Resp: 5945

Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.7	28.1
125	12.5	10.5	15.7



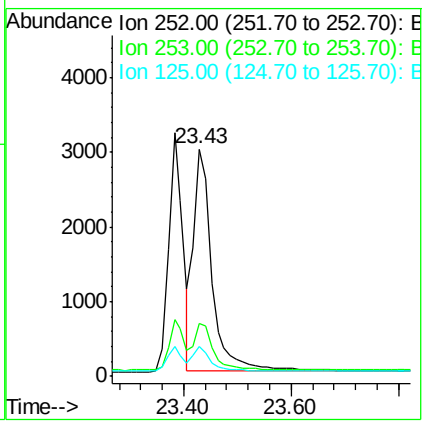


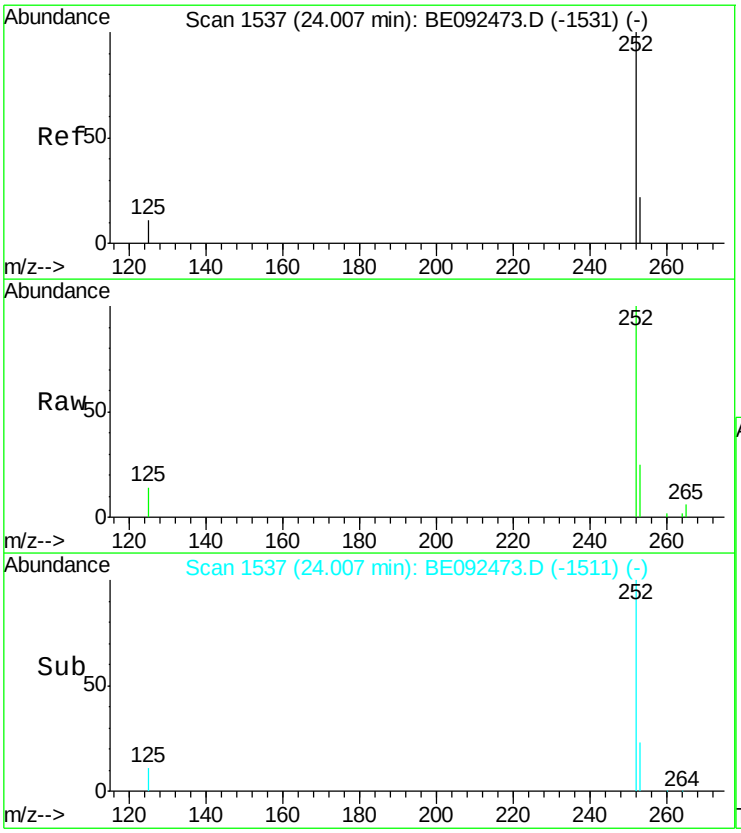
#33
Benzo(k)fluoranthene
Concen: 0.40 ng
RT: 23.43 min Scan# 1487
Delta R.T. 0.00 min
Lab File: BE092473.D
Acq: 25 Oct 2016 10:26

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.4

Tgt Ion:252 Resp: 7016

Ion	Ratio	Lower	Upper
252	100		
253	23.1	20.3	30.5
125	13.1	9.6	14.4

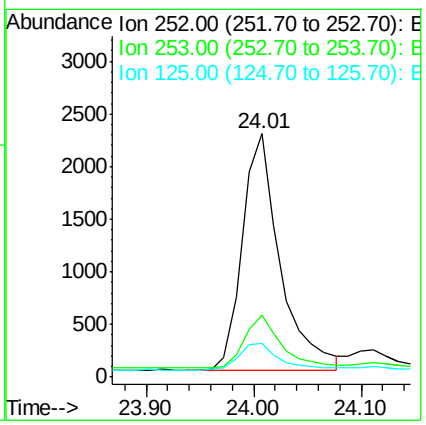


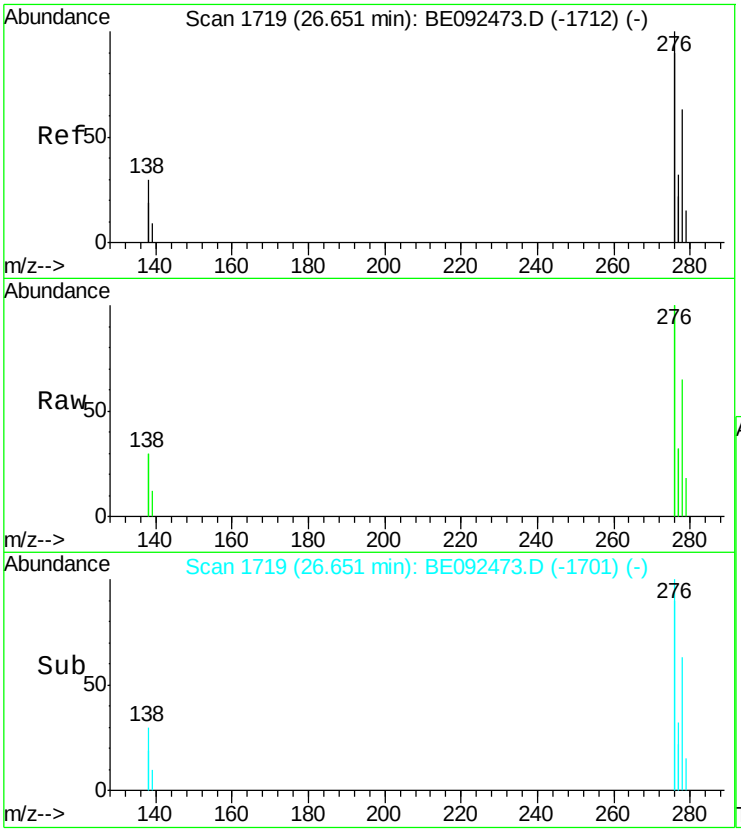


#34
Benzo(a)pyrene
Concen: 0.34 ng
RT: 24.01 min Scan# 1537
Delta R.T. 0.00 min
Lab File: BE092473.D
Acq: 25 Oct 2016 10:26

Tgt Ion:252 Resp: 5465

Ion	Ratio	Lower	Upper
252	100		
253	25.5	19.0	28.6
125	13.9	11.8	17.8



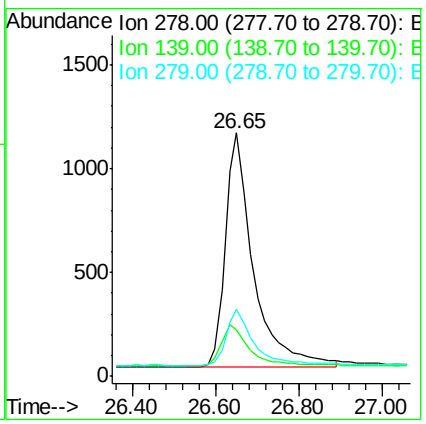


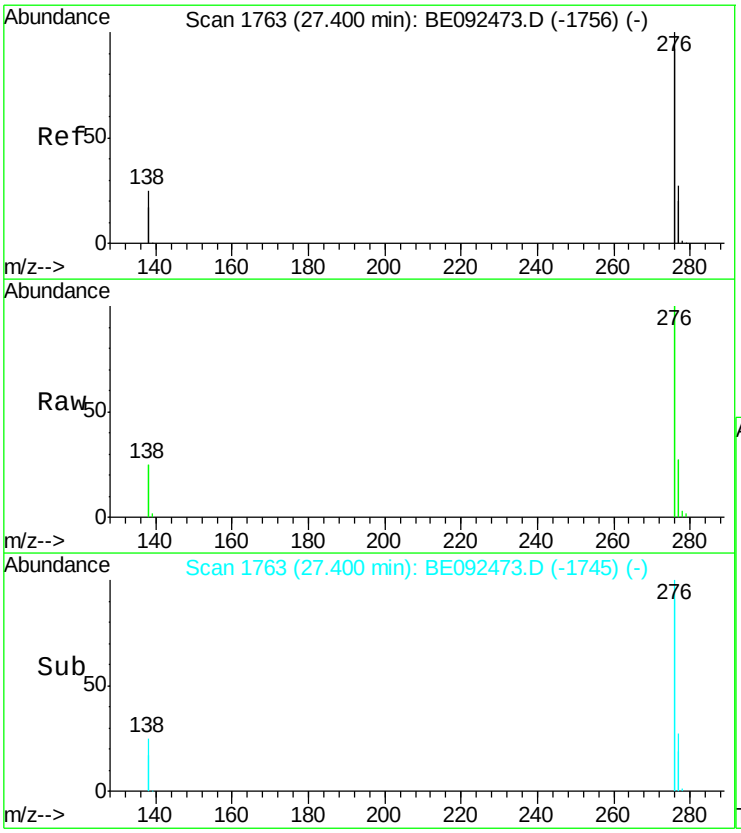
#35
Dibenzo(a,h)anthracene
Concen: 0.35 ng
RT: 26.65 min Scan# 1719
Delta R.T. 0.00 min
Lab File: BE092473.D
Acq: 25 Oct 2016 10:26

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.4

Tgt Ion:278 Resp: 5262

Ion	Ratio	Lower	Upper
278	100		
139	19.0	13.8	20.8
279	27.4	21.4	32.2





#36
Benzo(g,h,i)perylene
Concen: 0.37 ng
RT: 27.40 min Scan# 1763
Delta R.T. 0.00 min
Lab File: BE092473.D
Acq: 25 Oct 2016 10:26

Tgt Ion:276 Resp: 23693

Ion	Ratio	Lower	Upper
276	100		
277	27.0	19.8	29.8
138	25.1	19.8	29.6