Quantitation Report (Not 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 :

Quant Time: Oct 25 12:55:02 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 12:49:43 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	9926	5.00	ng		0.00
7) Naphthalene-d8	10.95	136	48097	5.00	ng		0.00
12) Acenaphthene-d10	14.82	164	34160	5.00	ng		0.00
18) Phenanthrene-d10	17.58	188	67019	5.00	ng		0.00
24) Chrysene-d12	21.75	240	82002	5.00	ng		0.00
31) Perylene-d12	24.11	264	67988	5.00	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.69	112	548	0.28	ng		0.00
5) Phenol-d6	7.36	99	720	0.26	ng		0.00
8) Nitrobenzene-d5	9.36	82	887	0.31	ng		0.00
13) 2,4,6-Tribromophenol	16.32	330	224	0.23	ng		0.00
14) 2-Fluorobiphenyl	13.45	172	3208	0.40	ng		0.00
26) Terphenyl-d14	20.19	244	3739	0.37	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.41	88	491	0.39	ng		98
3) n-Nitrosodimethylamine	3.80	42	412	0.35	ng	#	90
6) bis(2-Chloroethyl)ether	7.59	93	713	0.29	ng	#	85
9) Naphthalene	10.99	128	4174	0.40	ng		96
10) Hexachlorobutadiene	11.28	225	650	0.40	ng		99
11) 2-Methylnaphthalene	12.65	142	2622	0.38	ng		93
15) Acenaphthylene	14.53	152	18784	0.38	ng		99
16) Acenaphthene	14.88	154	3091	0.40	ng		97
17) Fluorene	15.87	166	3593	0.37	ng		99
19) Hexachlorobenzene	16.89	284	1169	0.41	ng	#	67
20) Pentachlorophenol	17.26	266	155	0.23	ng		89
21) Phenanthrene	17.60	178	6399	0.42	ng	#	95
22) Anthracene	17.72	178	5248	0.35	ng		99
23) Fluoranthene	19.61	202	25608	0.35	ng		100
25) Pyrene	19.99	202	26688	0.38	ng		100
27) Benzo(a)anthracene	21.72	228	59646	0.75	ng		93
28) Chrysene	21.72	228	60269	0.82	ng	#	73
29) Bis(2-ethylhexyl)phthalate	21.63	149	1903	0.28	ng	#	75
30) Indeno(1,2,3-cd)pyrene	26.62	276	25017	0.32	ng		98
32) Benzo(b)fluoranthene	23.38	252	5945	0.36	ng		99
33) Benzo(k)fluoranthene	23.43	252	6726	0.39	ng		96
34) Benzo(a)pyrene	24.01	252	5465	0.34	ng		97
35) Dibenzo(a,h)anthracene	26.65	278	5011	0.34	ng		98
36) Benzo(g,h,i)perylene	27.40	276	23054	0.36	ng		97

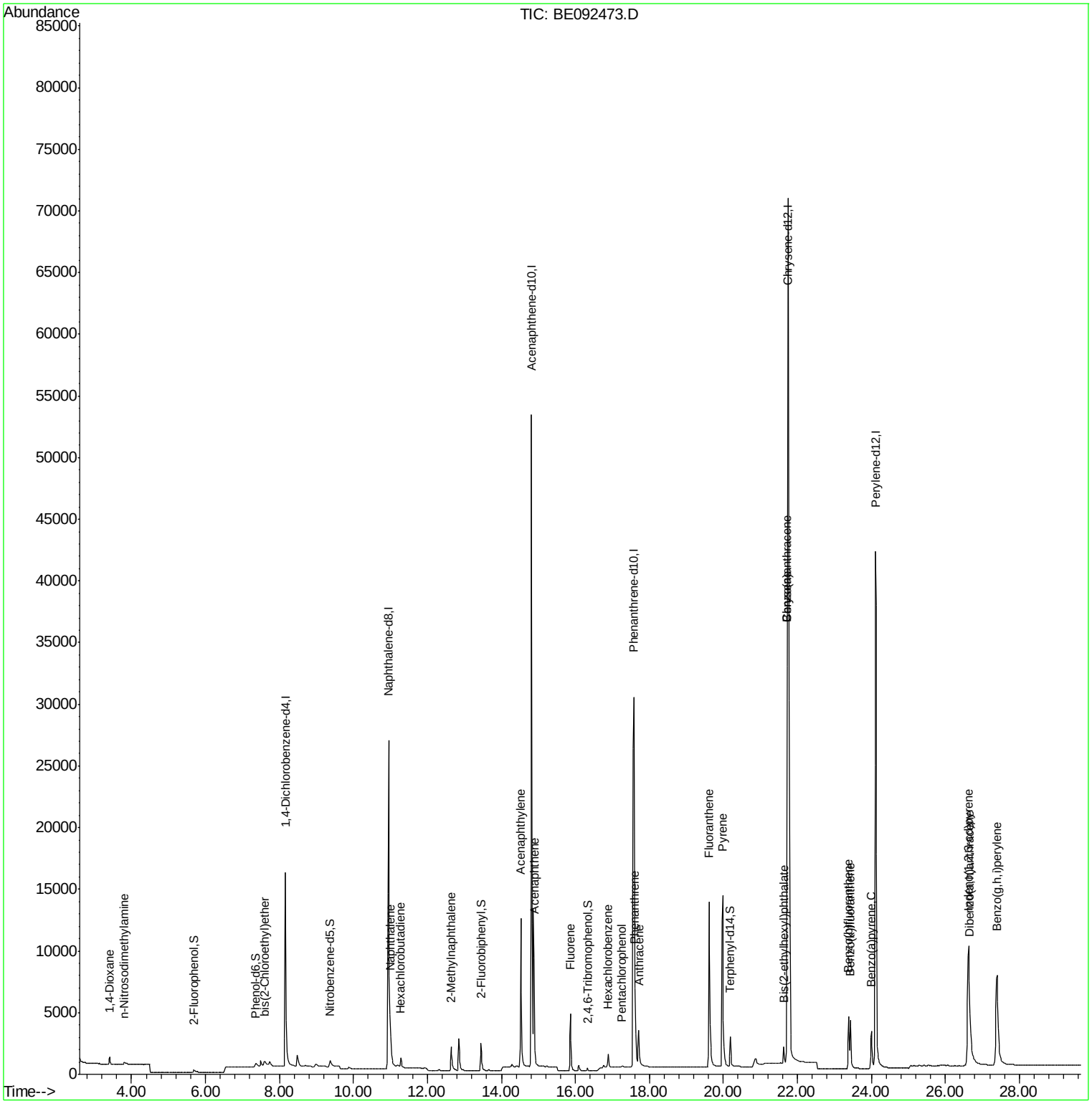
(#) = qualifier out of range (m) = manual integration (+) = signals summed

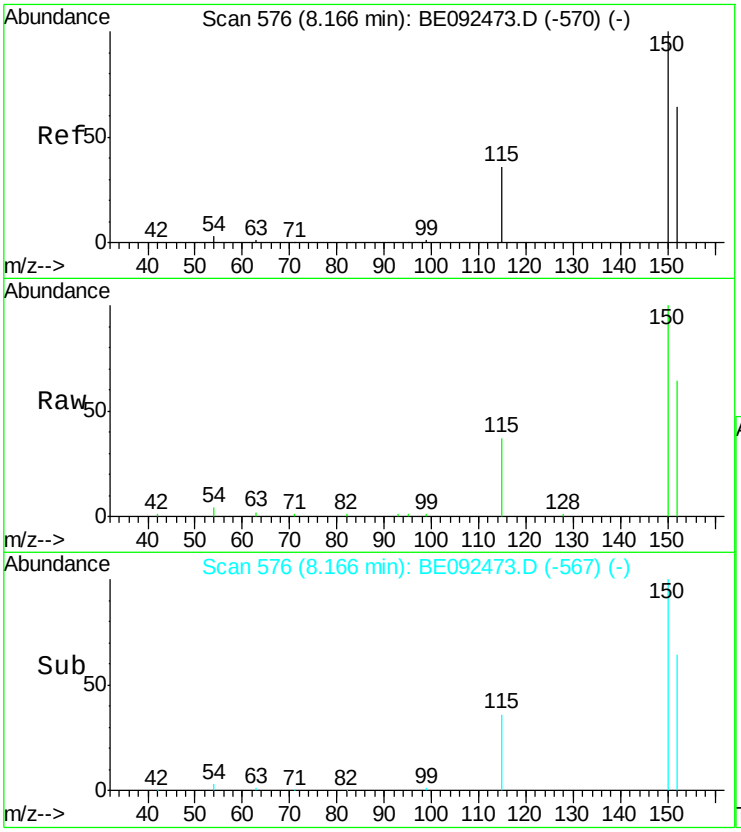
Quantitation Report (Not Reviewed)

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 :

Quant Time: Oct 25 12:55:02 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 12:49:43 2016
Response via : Initial Calibration



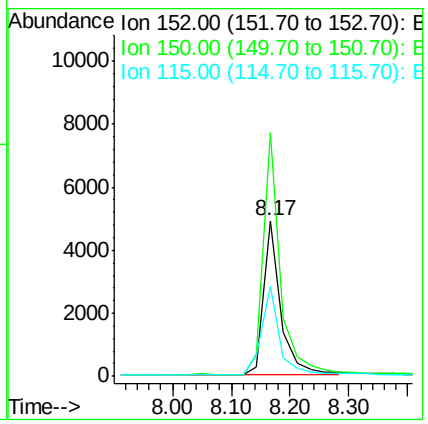


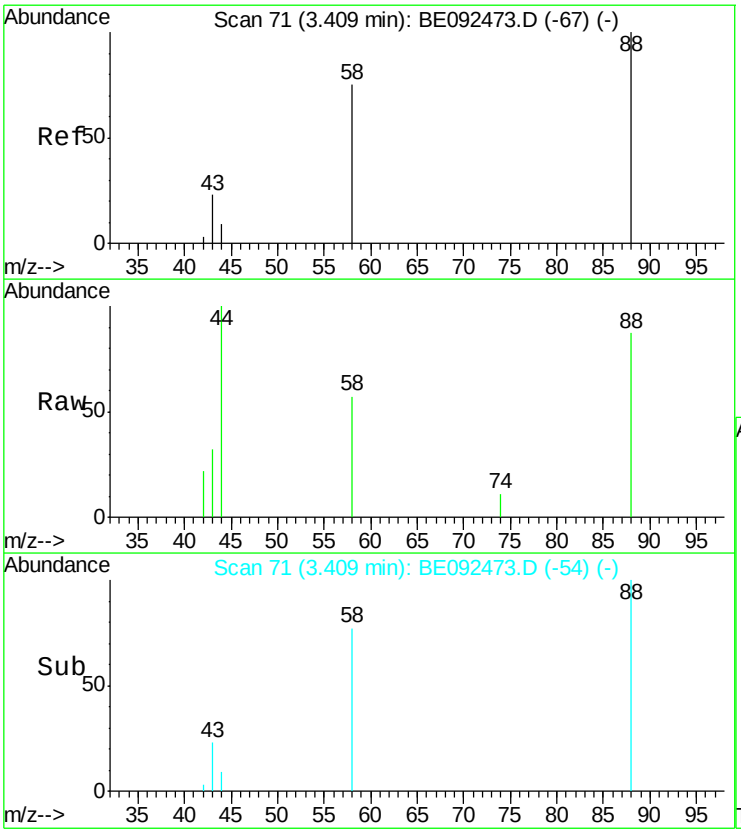
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 8.17 min Scan# 576
Delta R.T. 0.00 min
Lab File: BE092473.D
Acq: 25 Oct 2016 10:26

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 9926

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

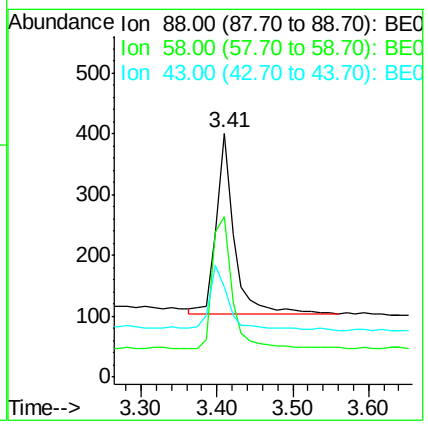


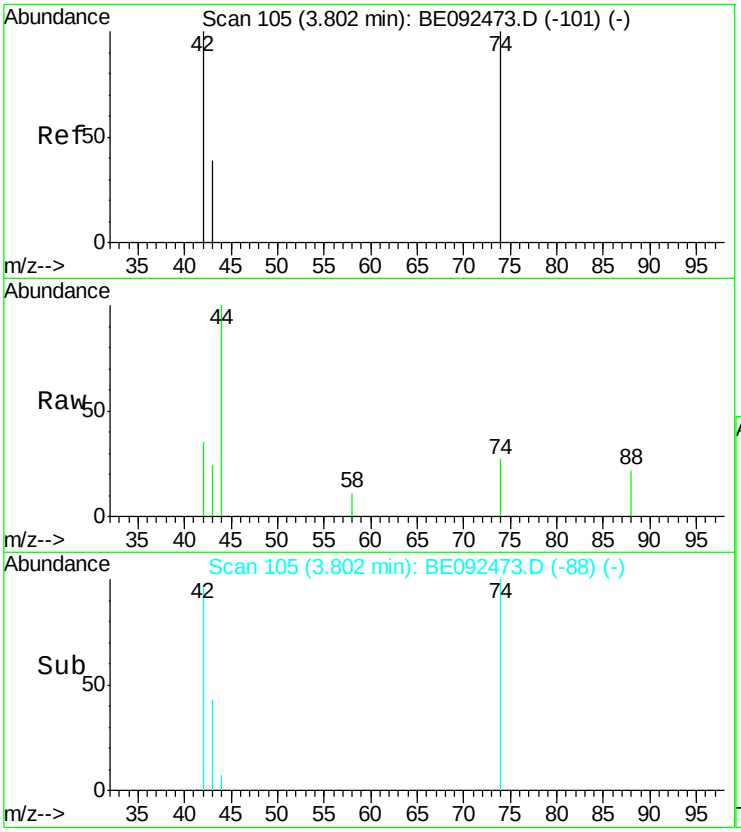


#2
1,4-Dioxane
Concen: 0.39 ng
RT: 3.41 min Scan# 71
Delta R.T. 0.00 min
Lab File: BE092473.D
Acq: 25 Oct 2016 10:26

Tgt Ion: 88 Resp: 491

Ion	Ratio	Lower	Upper
88	100		
58	78.6	63.6	95.4
43	32.2	28.0	42.0



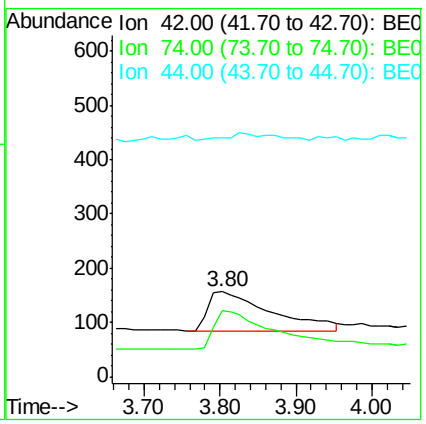


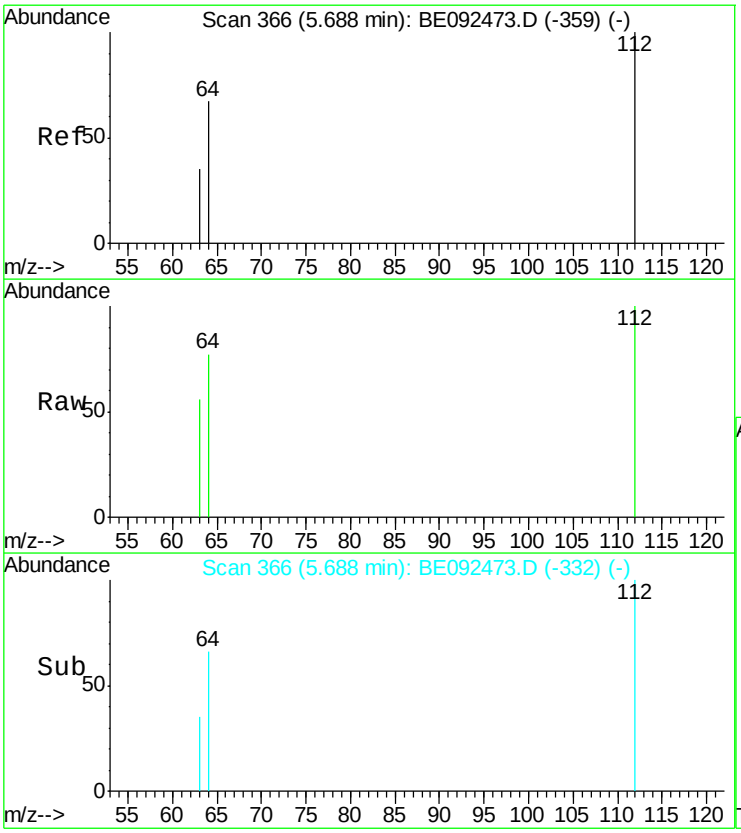
#3
n-Nitrosodimethylamine
Concen: 0.35 ng
RT: 3.80 min Scan# 105
Delta R.T. 0.00 min
Lab File: BE092473.D
Acq: 25 Oct 2016 10:26

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 42 Resp: 412

Ion	Ratio	Lower	Upper
42	100		
74	97.6	86.0	129.0
44	0.0	5.1	7.7#

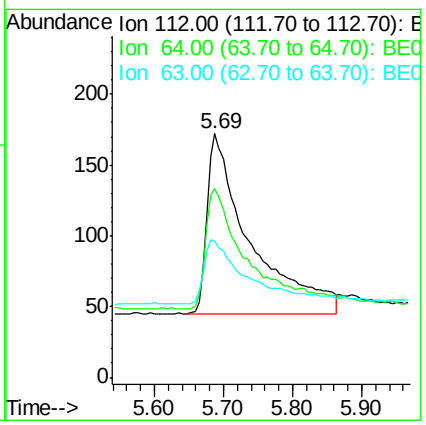


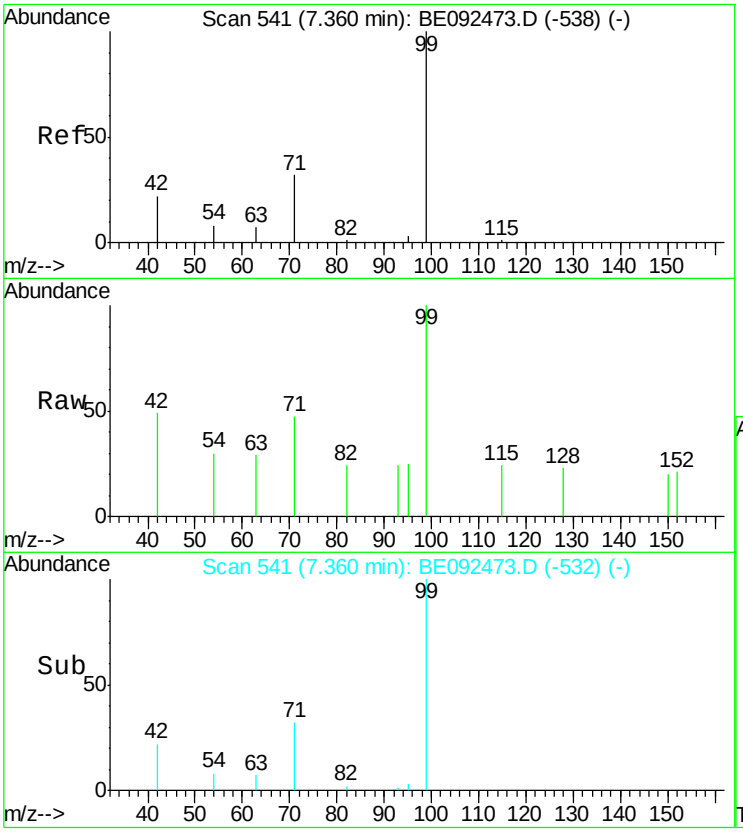


#4
2-Fluorophenol
Concen: 0.28 ng
RT: 5.69 min Scan# 366
Delta R.T. 0.00 min
Lab File: BE092473.D
Acq: 25 Oct 2016 10:26

Tgt Ion:112 Resp: 548

Ion	Ratio	Lower	Upper
112	100		
64	67.2	53.5	80.3
63	36.9	27.9	41.9



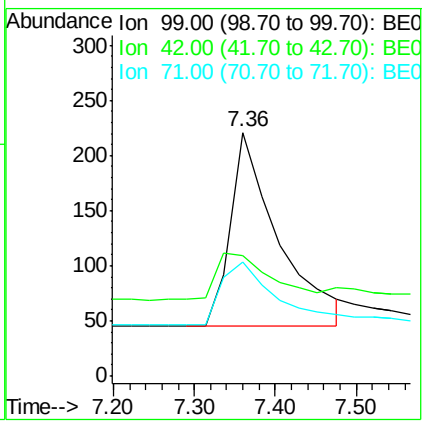


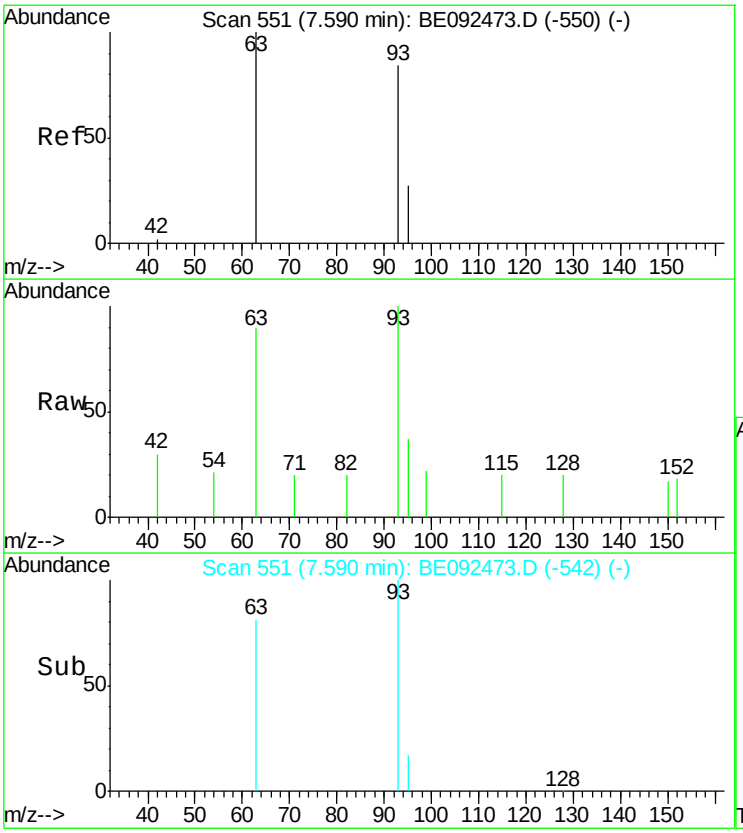
#5
Phenol-d6
Concen: 0.26 ng
RT: 7.36 min Scan# 541
Delta R.T. 0.00 min
Lab File: BE092473.D
Acq: 25 Oct 2016 10:26

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 99 Resp: 720

Ion	Ratio	Lower	Upper
99	100		
42	0.0	16.0	24.0#
71	36.5	30.6	45.8

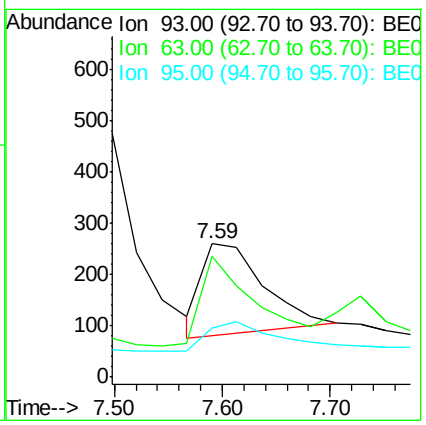


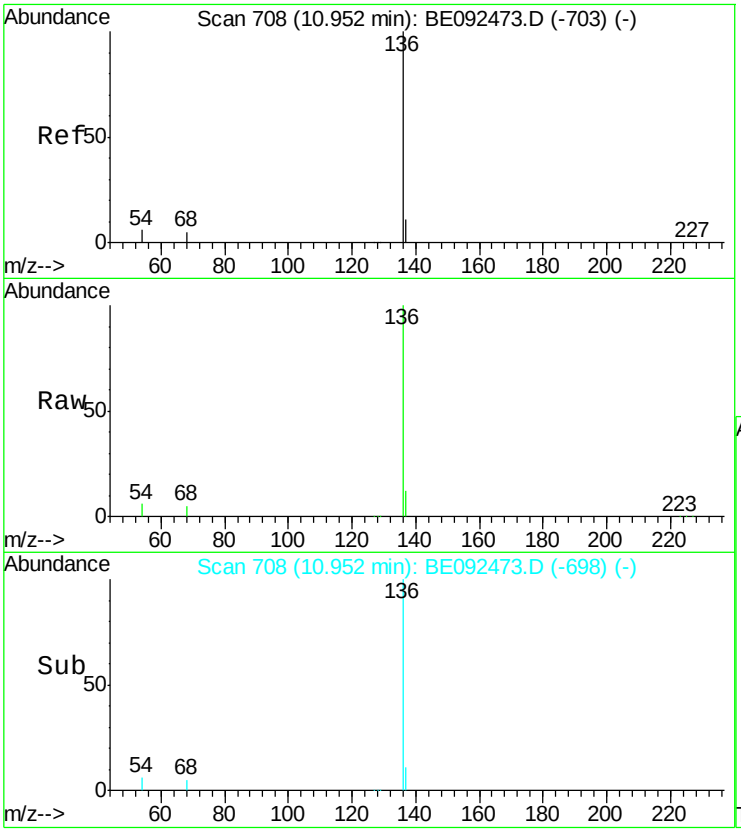


#6
bis(2-Chloroethyl)ether
Concen: 0.29 ng
RT: 7.59 min Scan# 551
Delta R.T. 0.00 min
Lab File: BE092473.D
Acq: 25 Oct 2016 10:26

Tgt Ion: 93 Resp: 713

Ion	Ratio	Lower	Upper
93	100		
63	90.5	71.6	107.4
95	0.0	24.0	36.0#



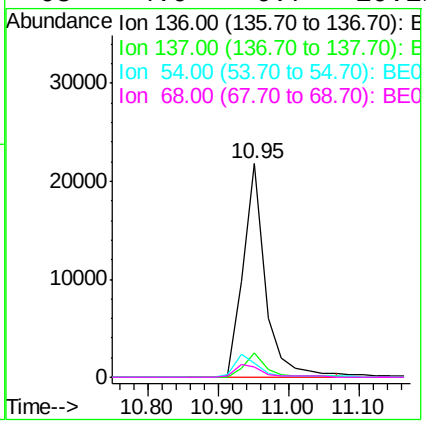


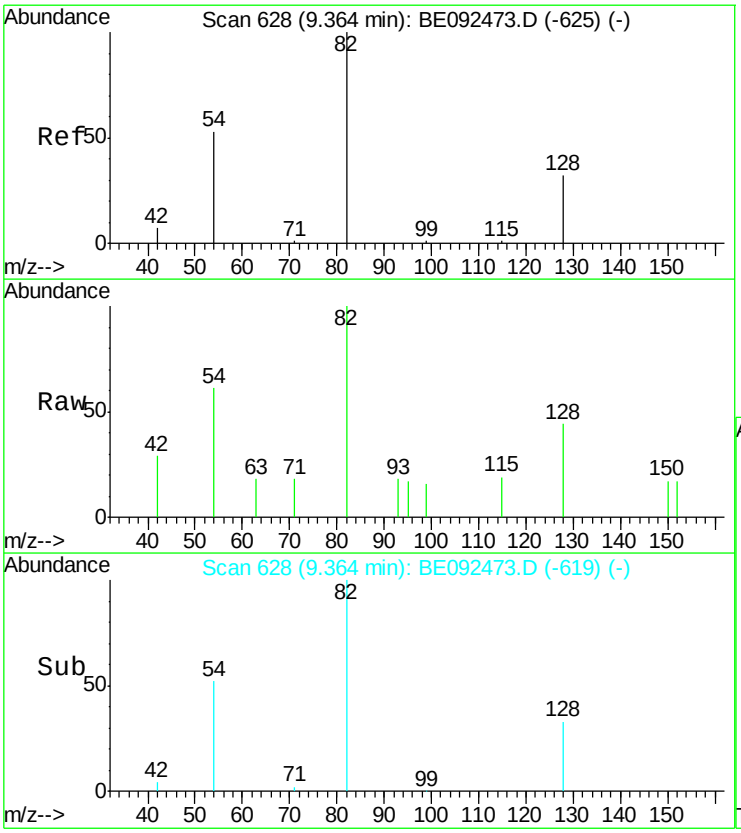
#7
Naphthalene-d8
Concen: 5.00 ng
RT: 10.95 min Scan# 708
Delta R.T. 0.00 min
Lab File: BE092473.D
Acq: 25 Oct 2016 10:26

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:136 Resp: 48097

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#

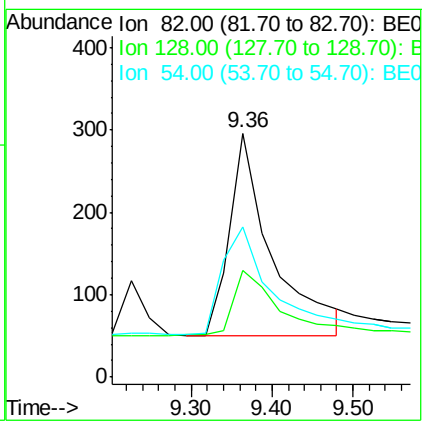


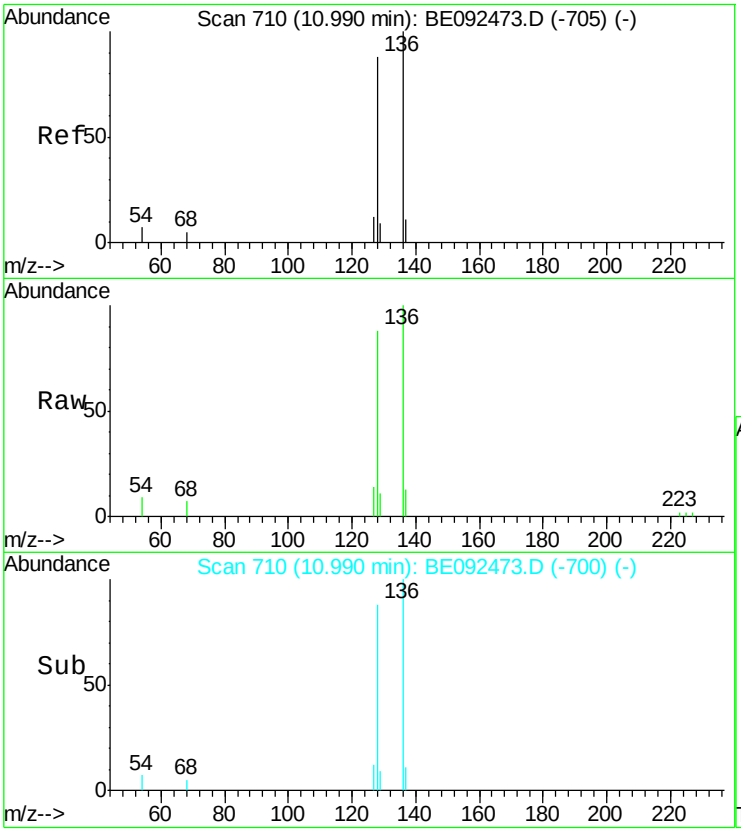


#8
Nitrobenzene-d5
Concen: 0.31 ng
RT: 9.36 min Scan# 628
Delta R.T. 0.00 min
Lab File: BE092473.D
Acq: 25 Oct 2016 10:26

Tgt Ion: 82 Resp: 887

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



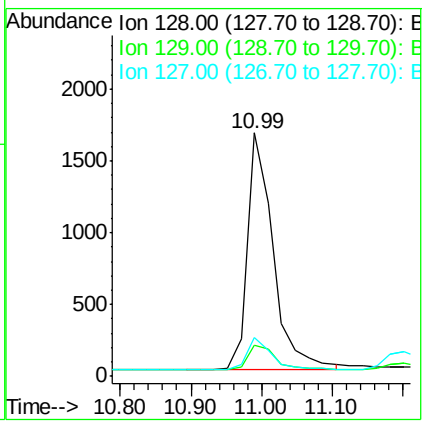


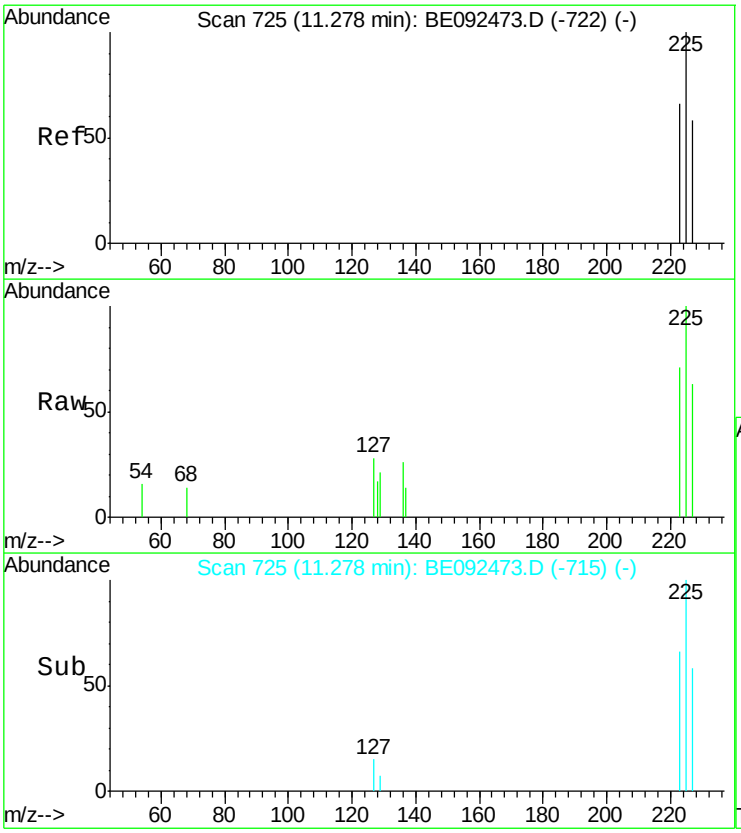
#9
Naphthalene
Concen: 0.40 ng
RT: 10.99 min Scan# 710
Delta R.T. 0.00 min
Lab File: BE092473.D
Acq: 25 Oct 2016 10:26

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:128 Resp: 4174

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

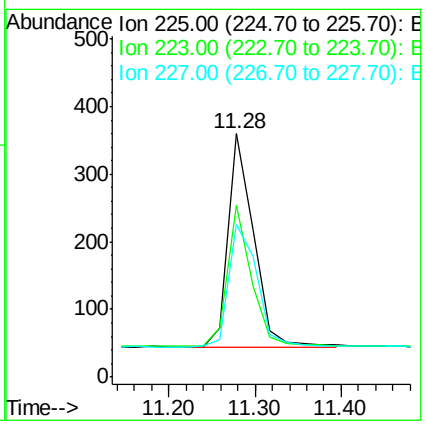


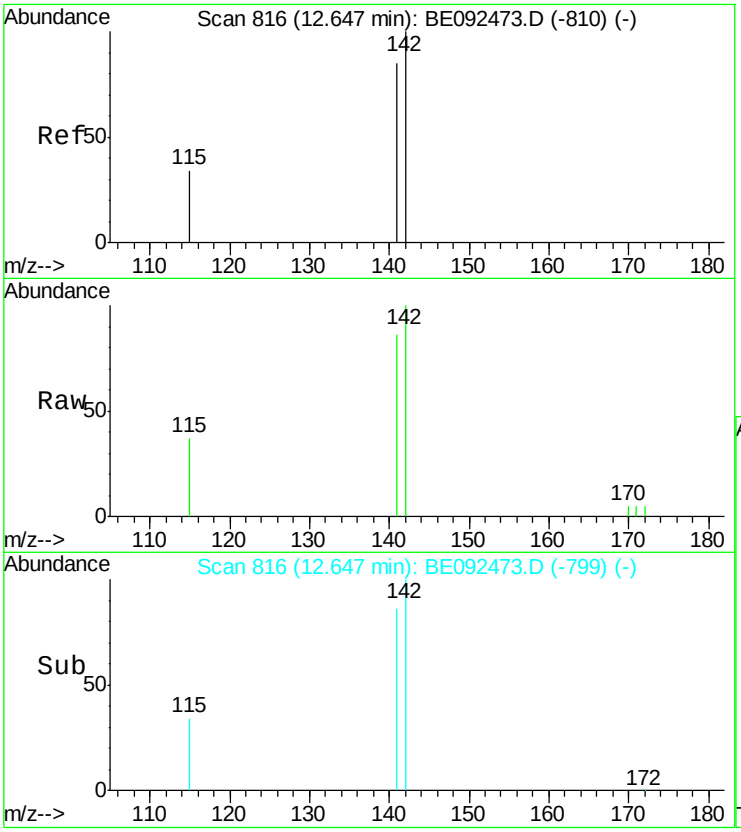


#10
Hexachlorobutadiene
Concen: 0.40 ng
RT: 11.28 min Scan# 725
Delta R.T. 0.00 min
Lab File: BE092473.D
Acq: 25 Oct 2016 10:26

Tgt Ion:225 Resp: 650

Ion	Ratio	Lower	Upper
225	100		
223	62.5	50.6	76.0
227	63.7	51.4	77.0



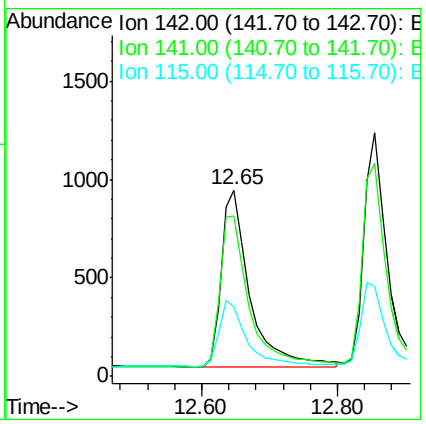


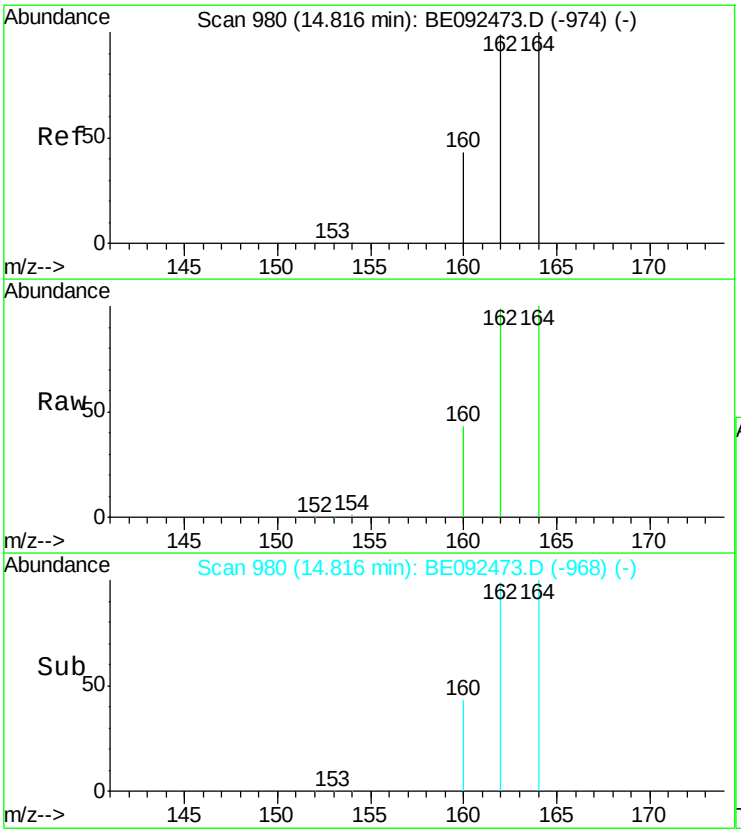
#11
2-Methylnaphthalene
Concen: 0.38 ng
RT: 12.65 min Scan# 816
Delta R.T. 0.00 min
Lab File: BE092473.D
Acq: 25 Oct 2016 10:26

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:142 Resp: 2622

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

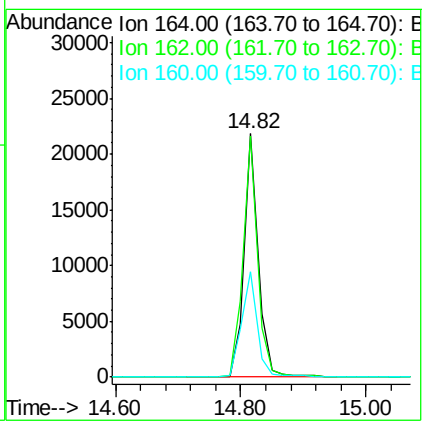


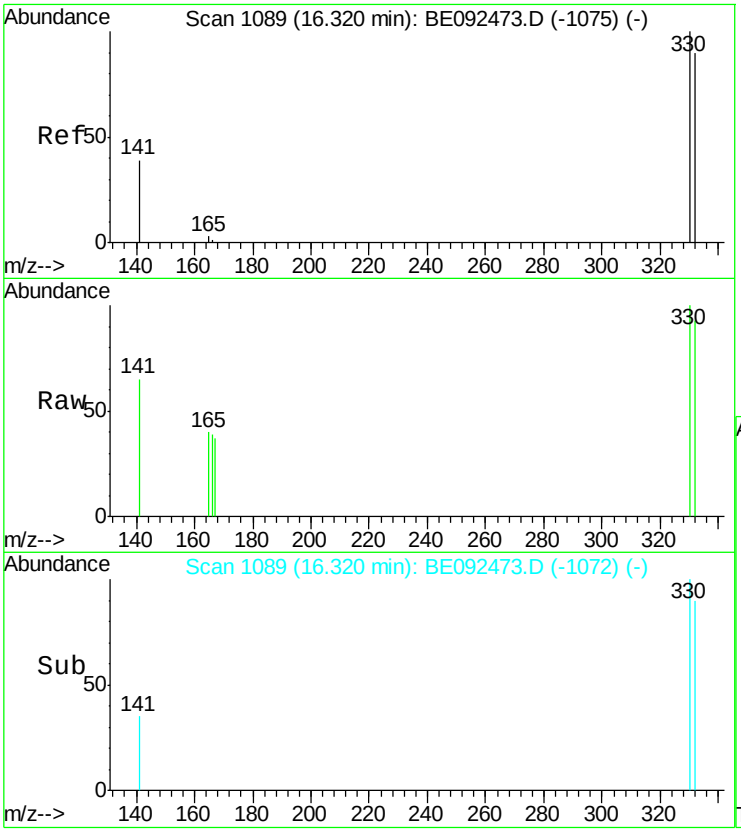


#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.82 min Scan# 980
Delta R.T. 0.00 min
Lab File: BE092473.D
Acq: 25 Oct 2016 10:26

Tgt Ion:164 Resp: 34160

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



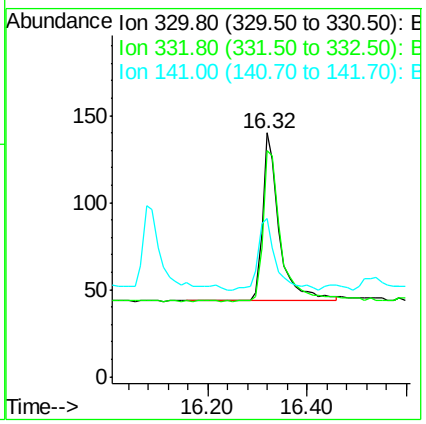


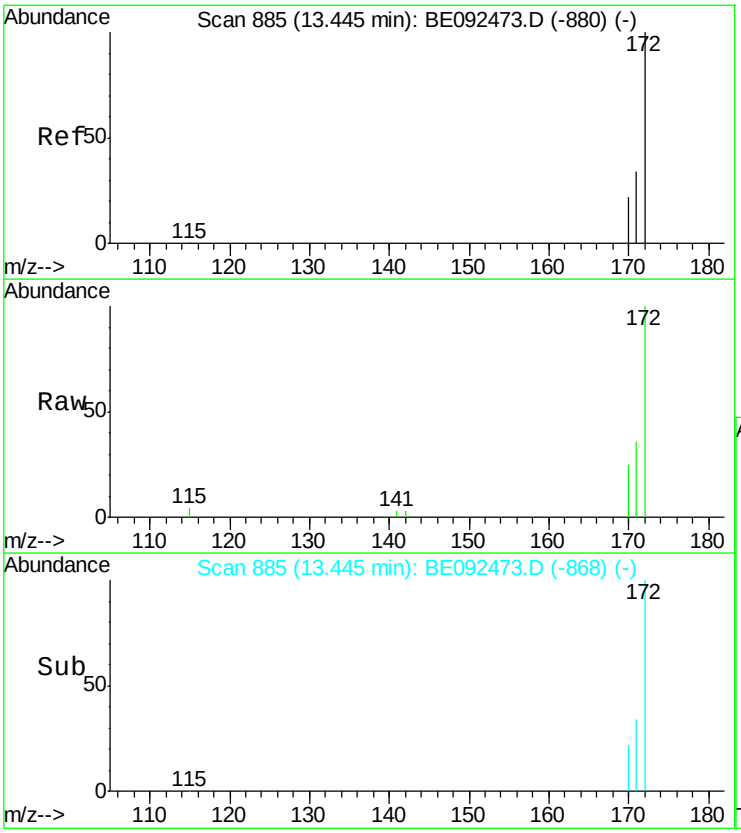
#13
2,4,6-Tribromophenol
Concen: 0.23 ng
RT: 16.32 min Scan# 1089
Delta R.T. 0.00 min
Lab File: BE092473.D
Acq: 25 Oct 2016 10:26

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:330 Resp: 224

Ion	Ratio	Lower	Upper
330	100		
332	102.2	75.4	113.0
141	46.0	31.0	46.6

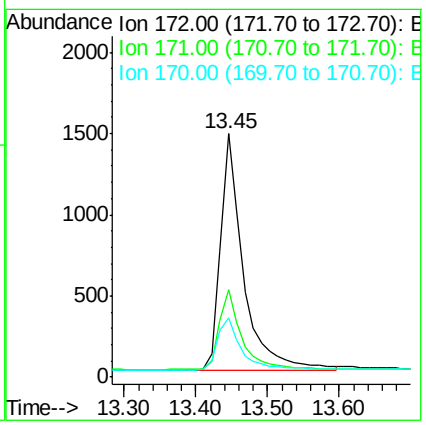


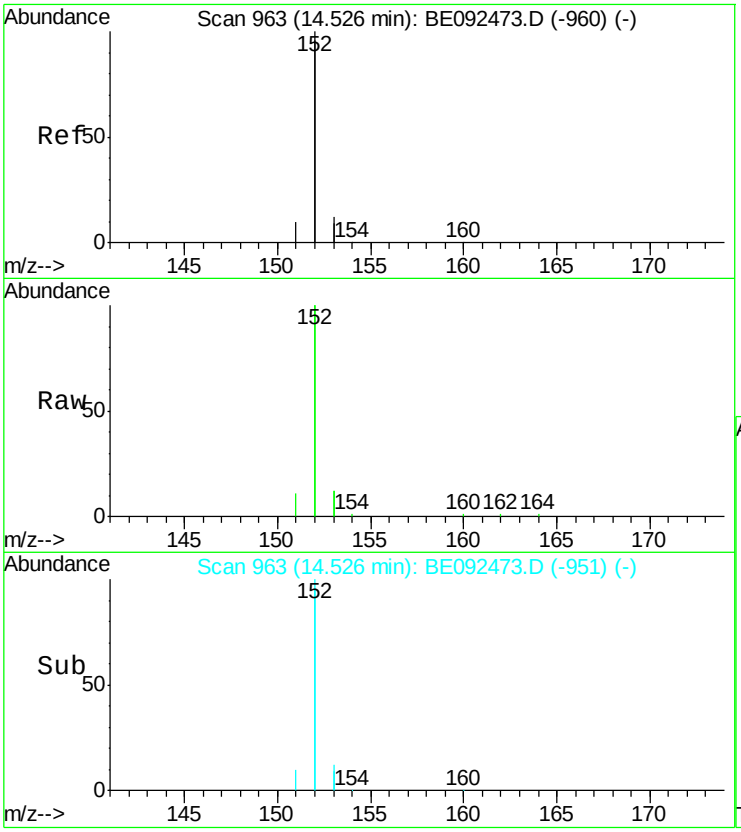


#14
2-Fluorobiphenyl
Concen: 0.40 ng
RT: 13.45 min Scan# 885
Delta R.T. 0.00 min
Lab File: BE092473.D
Acq: 25 Oct 2016 10:26

Tgt Ion:172 Resp: 3208

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



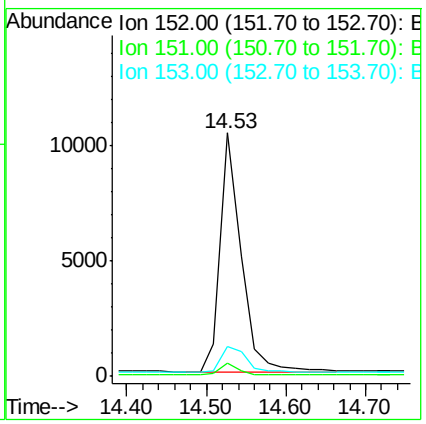


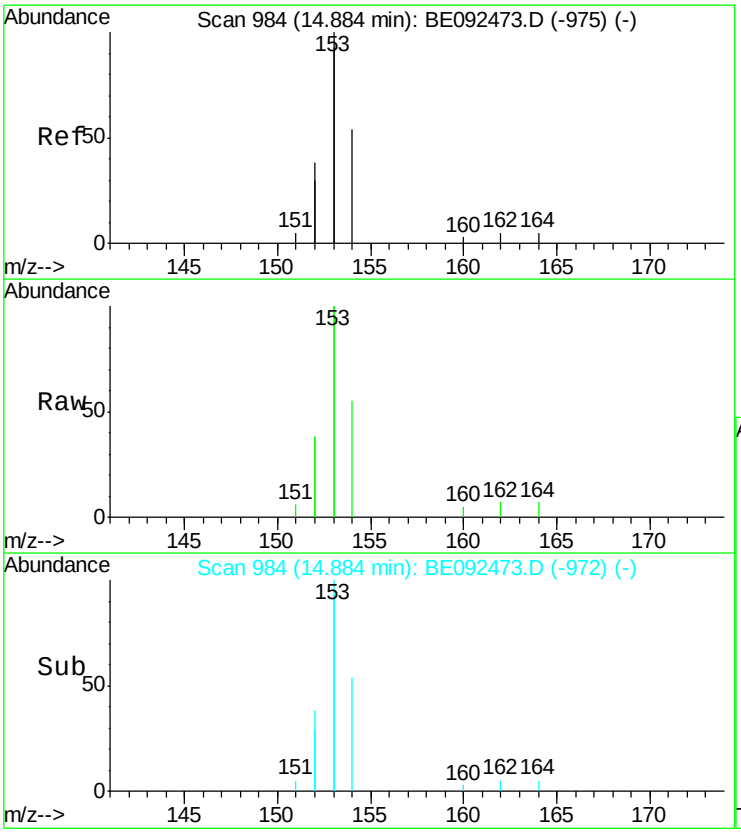
#15
Acenaphthylene
Concen: 0.38 ng
RT: 14.53 min Scan# 963
Delta R.T. 0.00 min
Lab File: BE092473.D
Acq: 25 Oct 2016 10:26

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 18784

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

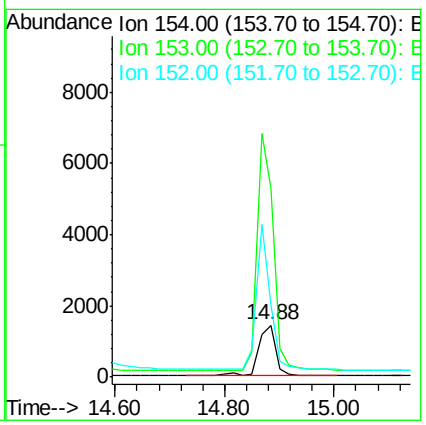


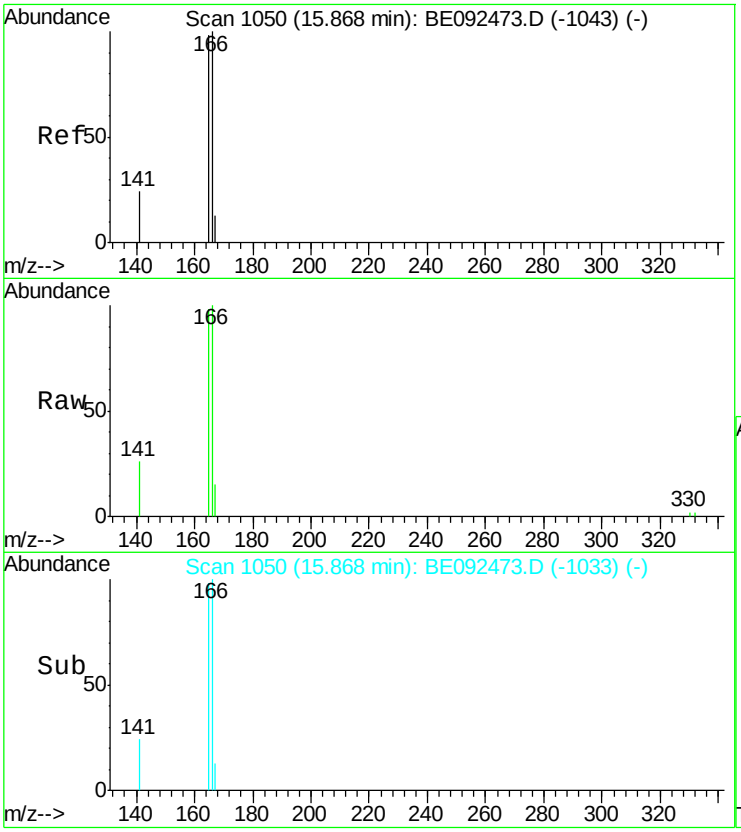


#16
Acenaphthene
Concen: 0.40 ng
RT: 14.88 min Scan# 984
Delta R.T. 0.00 min
Lab File: BE092473.D
Acq: 25 Oct 2016 10:26

Tgt Ion:154 Resp: 3091

Ion	Ratio	Lower	Upper
154	100		
153	438.4	350.8	526.2
152	226.9	171.1	256.7



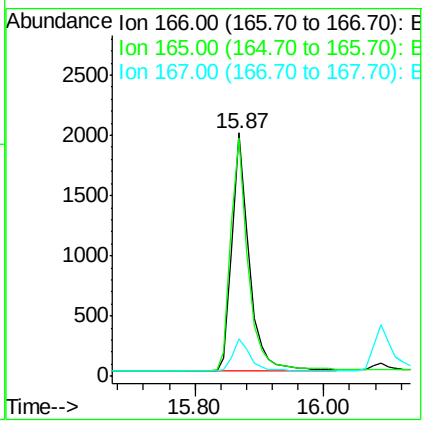


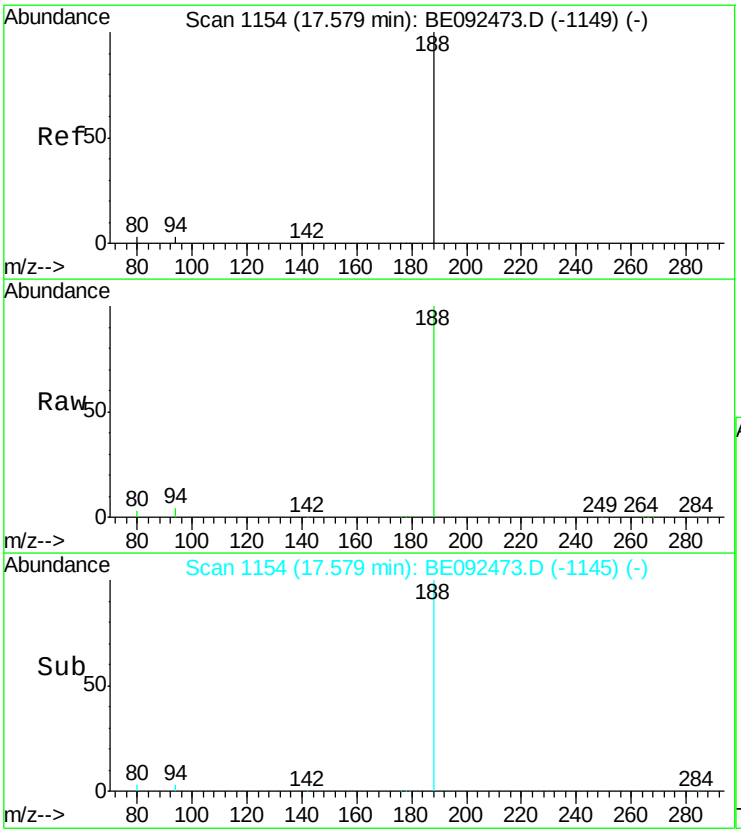
#17
Fluorene
Concen: 0.37 ng
RT: 15.87 min Scan# 1050
Delta R.T. 0.00 min
Lab File: BE092473.D
Acq: 25 Oct 2016 10:26

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:166 Resp: 3593

Ion	Ratio	Lower	Upper
166	100		
165	99.0	78.2	117.4
167	13.5	11.0	16.4

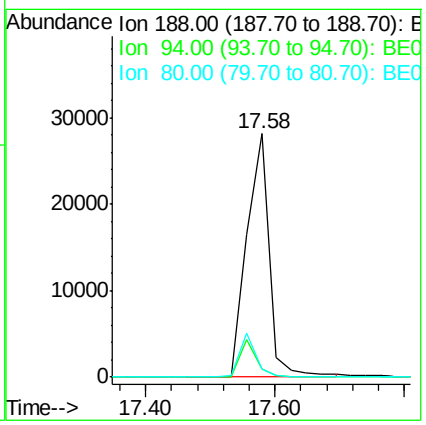


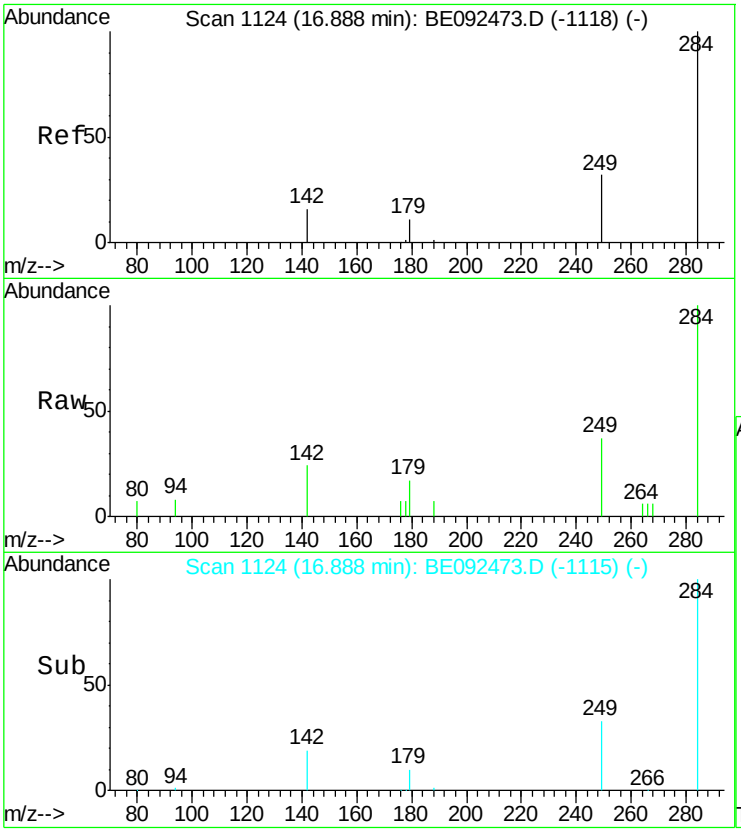


#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.58 min Scan# 1154
Delta R.T. 0.00 min
Lab File: BE092473.D
Acq: 25 Oct 2016 10:26

Tgt Ion:188 Resp: 67019

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



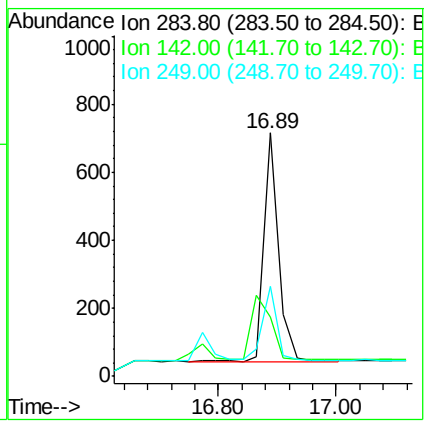


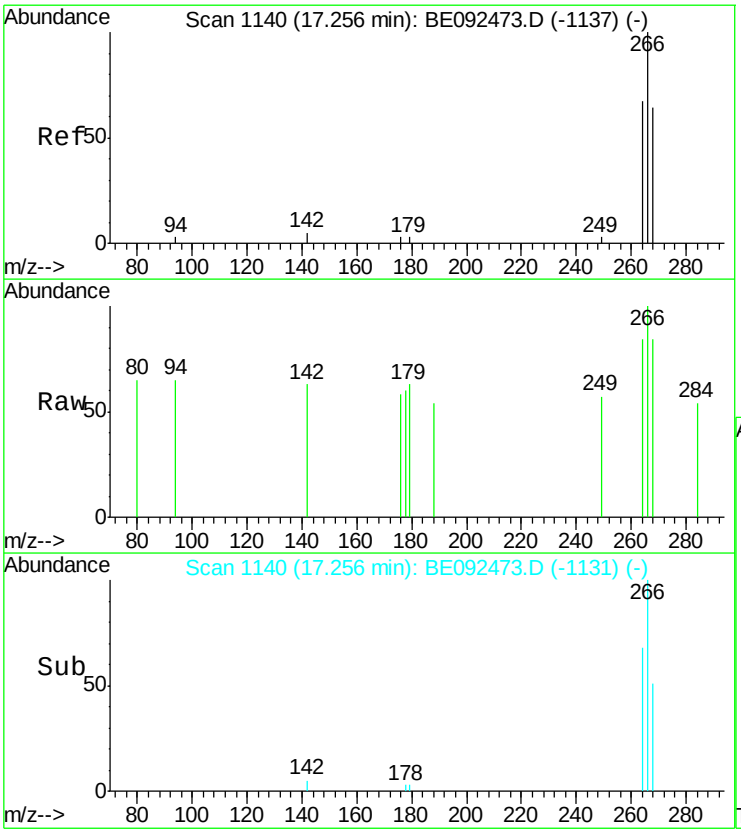
#19
Hexachlorobenzene
Concen: 0.41 ng
RT: 16.89 min Scan# 1124
Delta R.T. 0.00 min
Lab File: BE092473.D
Acq: 25 Oct 2016 10:26

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:284 Resp: 1169

Ion	Ratio	Lower	Upper
284	100		
142	0.0	29.1	43.7#
249	32.8	27.9	41.9

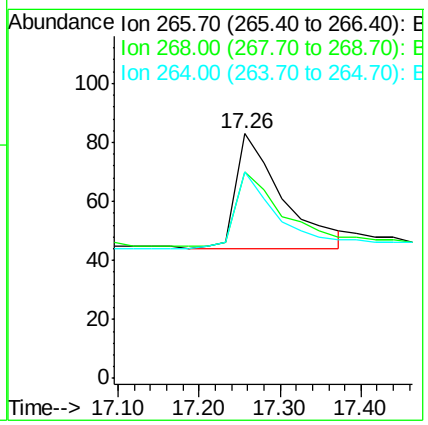


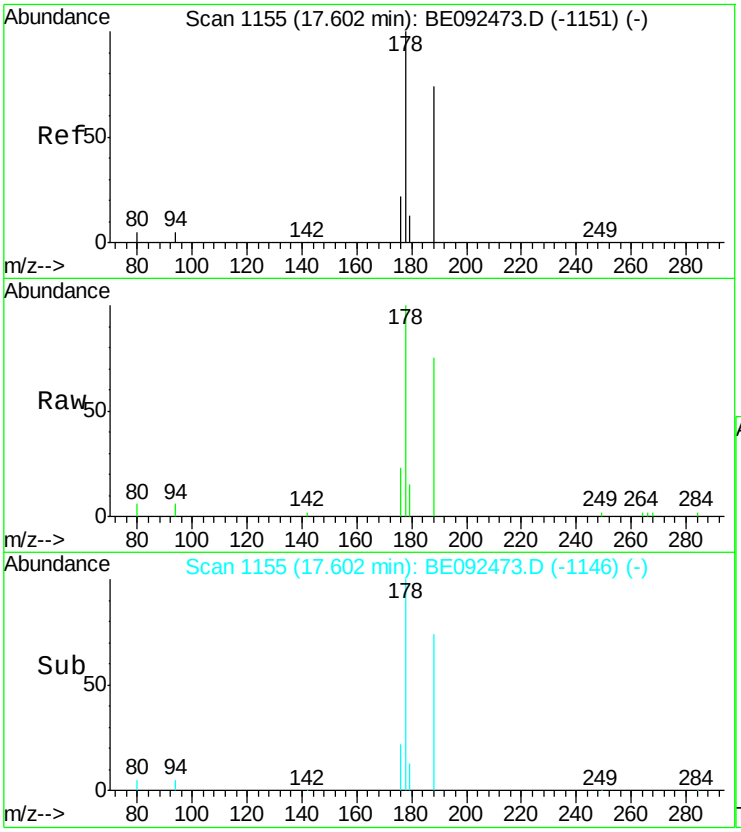


#20
Pentachlorophenol
Concen: 0.23 ng
RT: 17.26 min Scan# 1140
Delta R.T. 0.00 min
Lab File: BE092473.D
Acq: 25 Oct 2016 10:26

Tgt Ion:266 Resp: 155

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



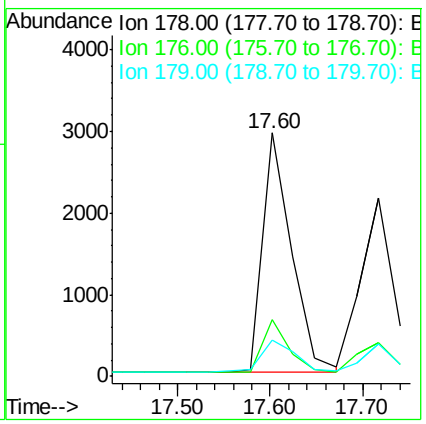


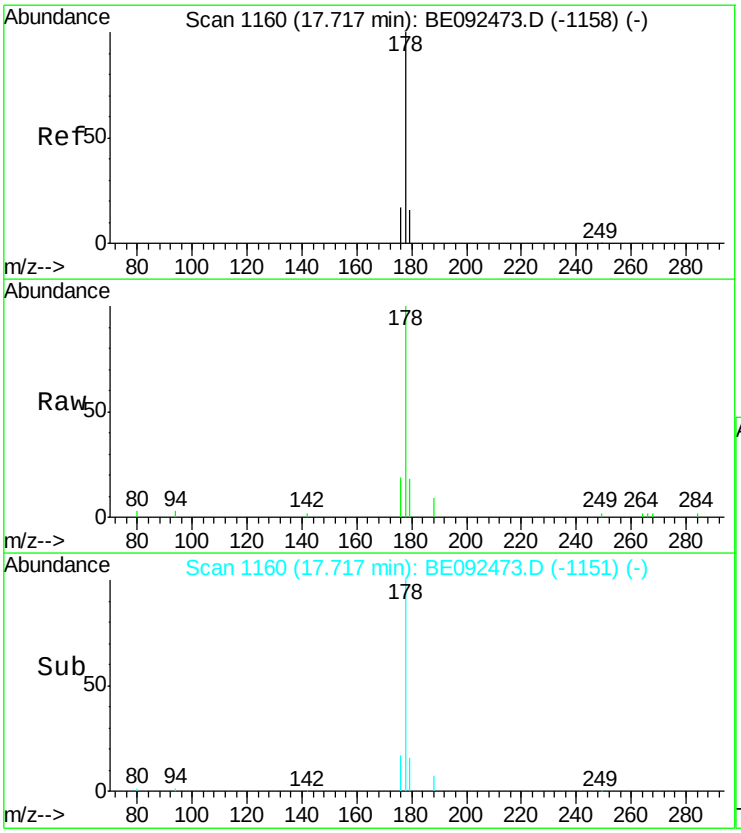
#21
Phenanthrene
Concen: 0.42 ng
RT: 17.60 min Scan# 1155
Delta R.T. 0.00 min
Lab File: BE092473.D
Acq: 25 Oct 2016 10:26

Instrument :
BNA_E
ClientSampleId :

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#

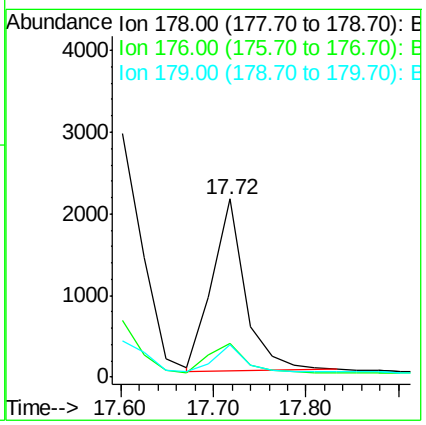


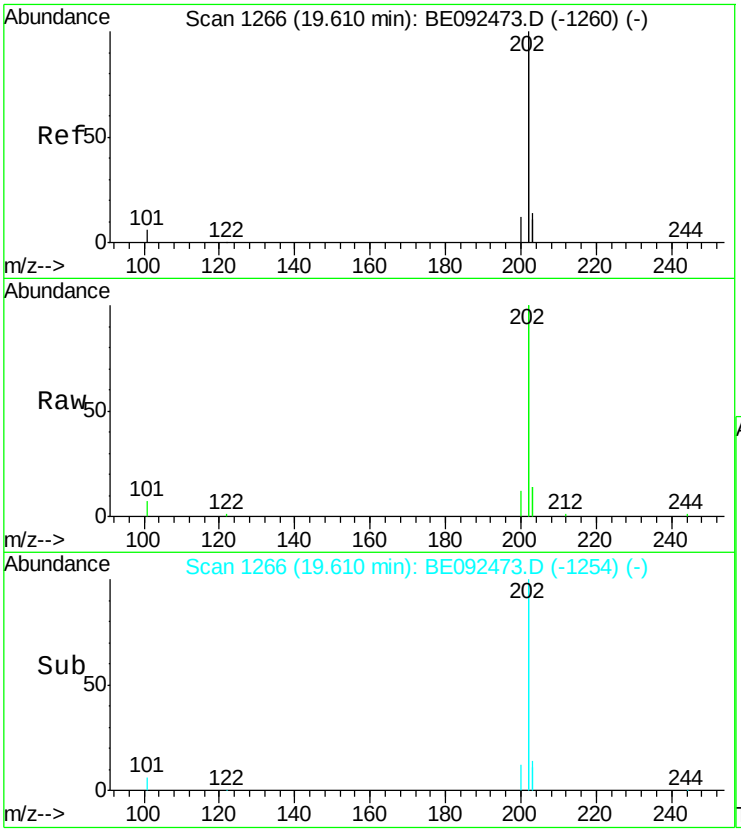


#22
Anthracene
Concen: 0.35 ng
RT: 17.72 min Scan# 1160
Delta R.T. 0.00 min
Lab File: BE092473.D
Acq: 25 Oct 2016 10:26

Tgt Ion:178 Resp: 5248

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.0	22.4
179	14.9	12.2	18.2



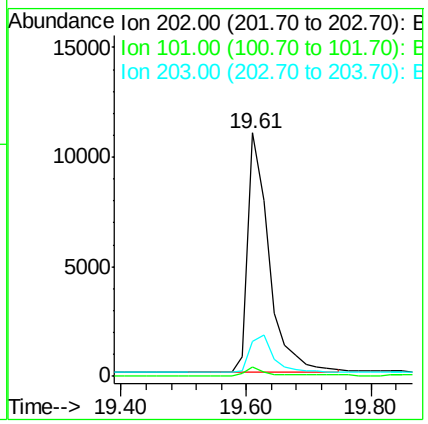


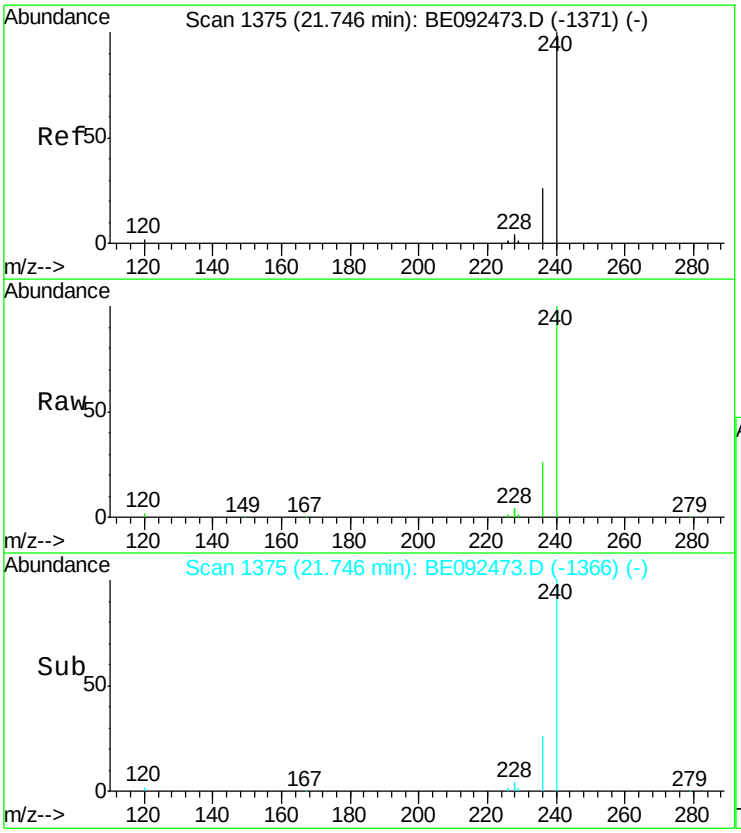
#23
Fluoranthene
Concen: 0.35 ng
RT: 19.61 min Scan# 1266
Delta R.T. 0.00 min
Lab File: BE092473.D
Acq: 25 Oct 2016 10:26

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:202 Resp: 25608

Ion	Ratio	Lower	Upper
202	100		
101	2.9	2.2	3.4
203	17.0	13.7	20.5

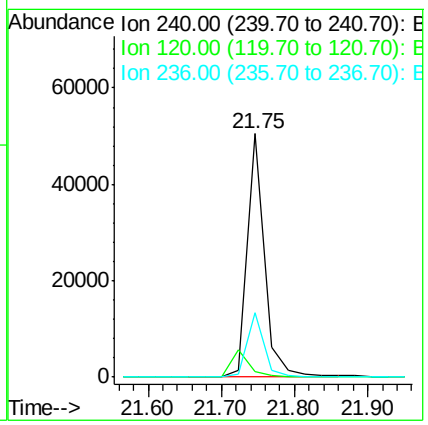


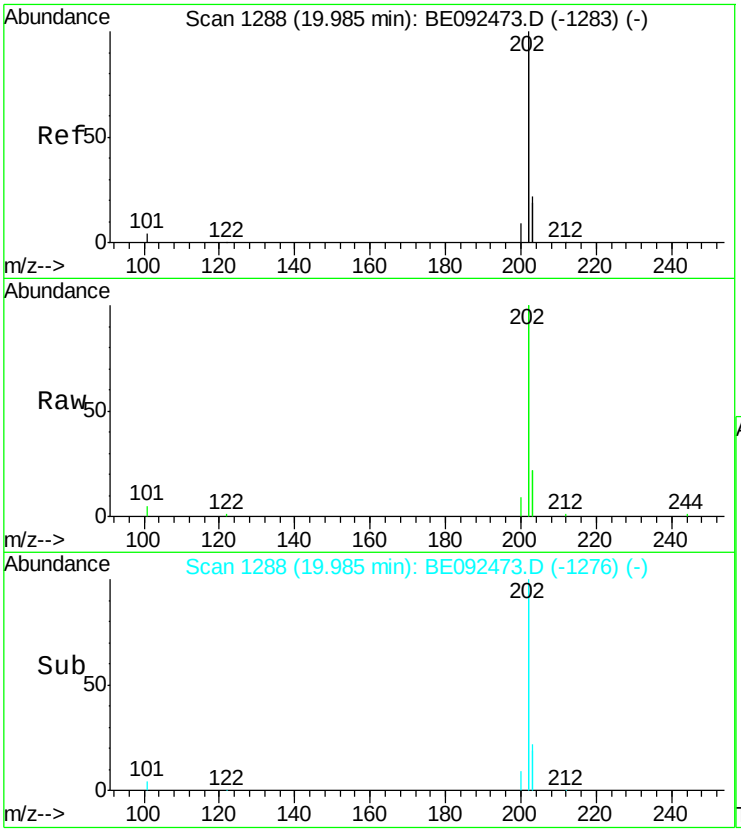


#24
Chrysene-d12
Concen: 5.00 ng
RT: 21.75 min Scan# 1375
Delta R.T. 0.00 min
Lab File: BE092473.D
Acq: 25 Oct 2016 10:26

Tgt Ion:240 Resp: 82002

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



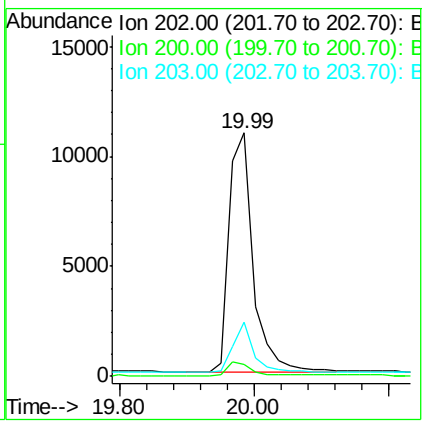


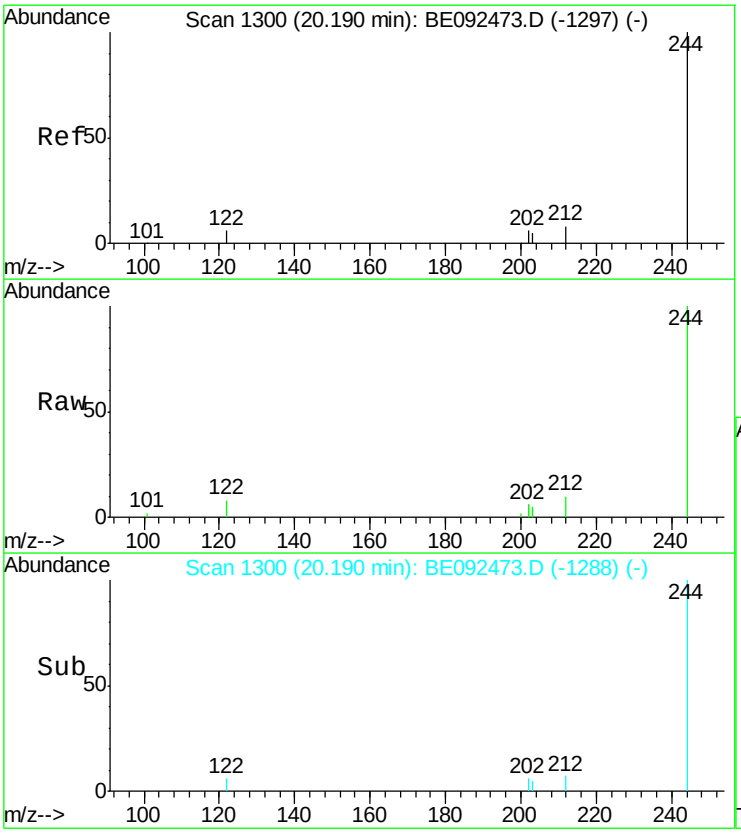
#25
Pyrene
Concen: 0.38 ng
RT: 19.99 min Scan# 1288
Delta R.T. 0.00 min
Lab File: BE092473.D
Acq: 25 Oct 2016 10:26

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:202 Resp: 26688

Ion	Ratio	Lower	Upper
202	100		
200	5.3	4.2	6.4
203	17.6	13.9	20.9

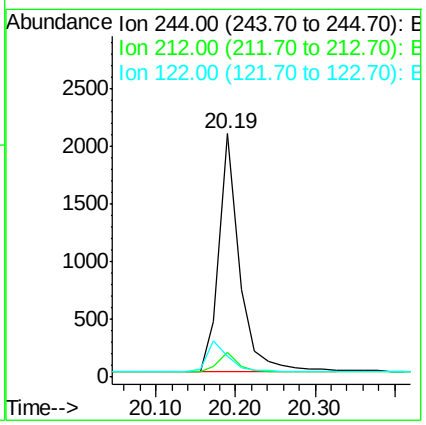


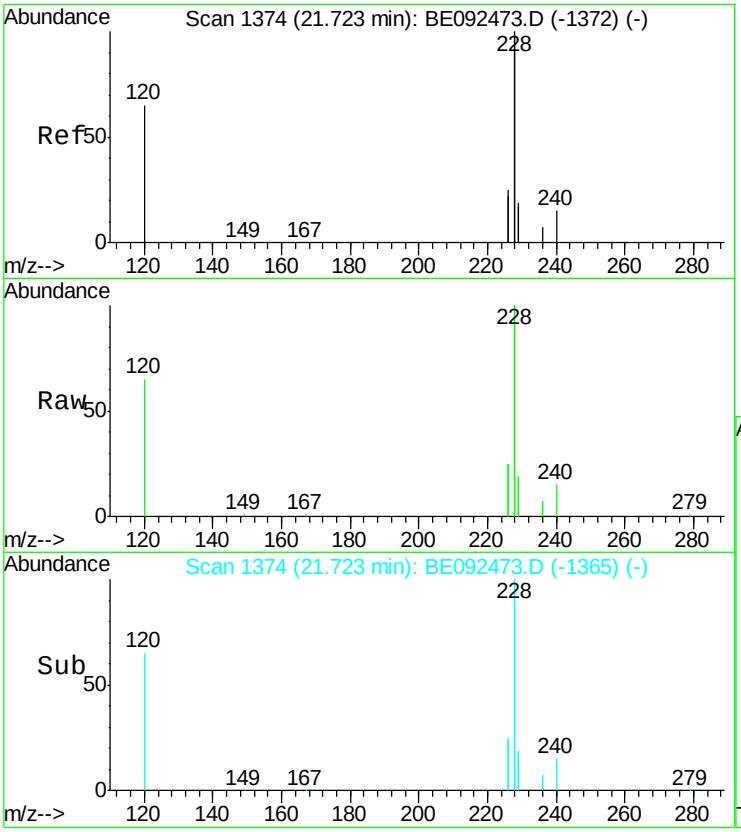


#26
Terphenyl-d14
Concen: 0.37 ng
RT: 20.19 min Scan# 1300
Delta R.T. 0.00 min
Lab File: BE092473.D
Acq: 25 Oct 2016 10:26

Tgt Ion:244 Resp: 3739

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



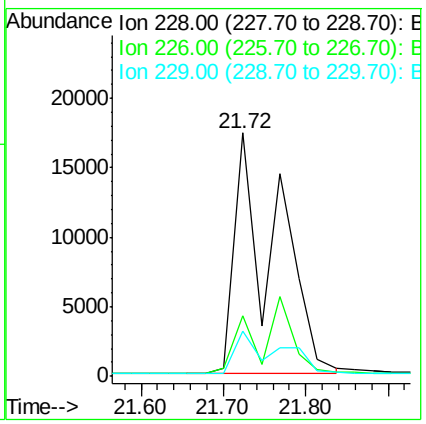


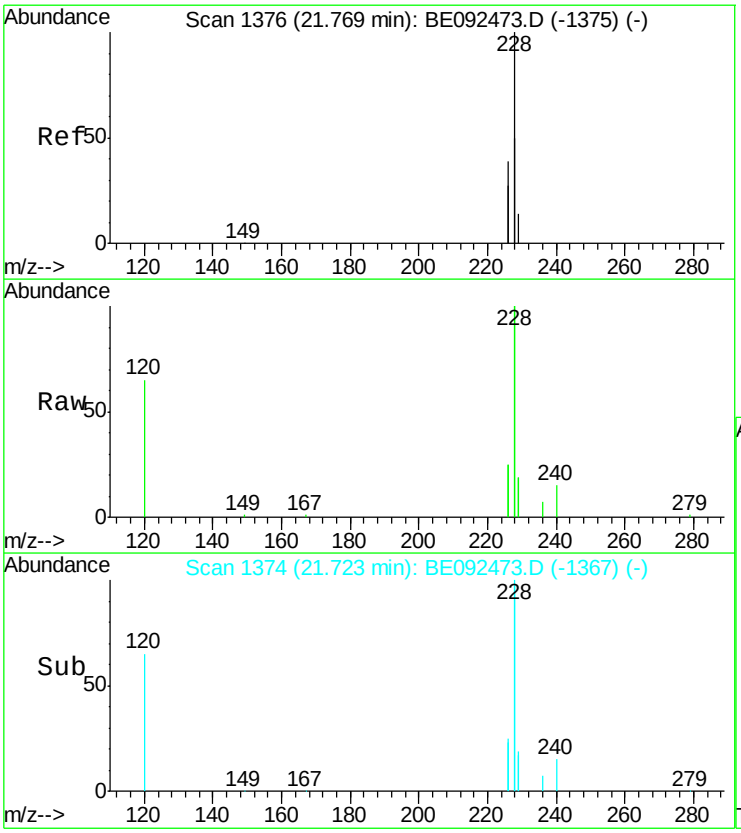
#27
Benzo(a)anthracene
Concen: 0.75 ng
RT: 21.72 min Scan# 1374
Delta R.T. 0.00 min
Lab File: BE092473.D
Acq: 25 Oct 2016 10:26

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 59646

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

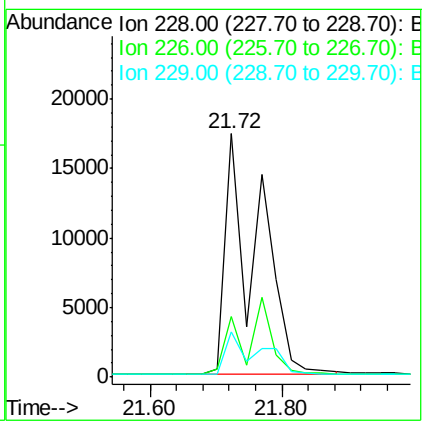


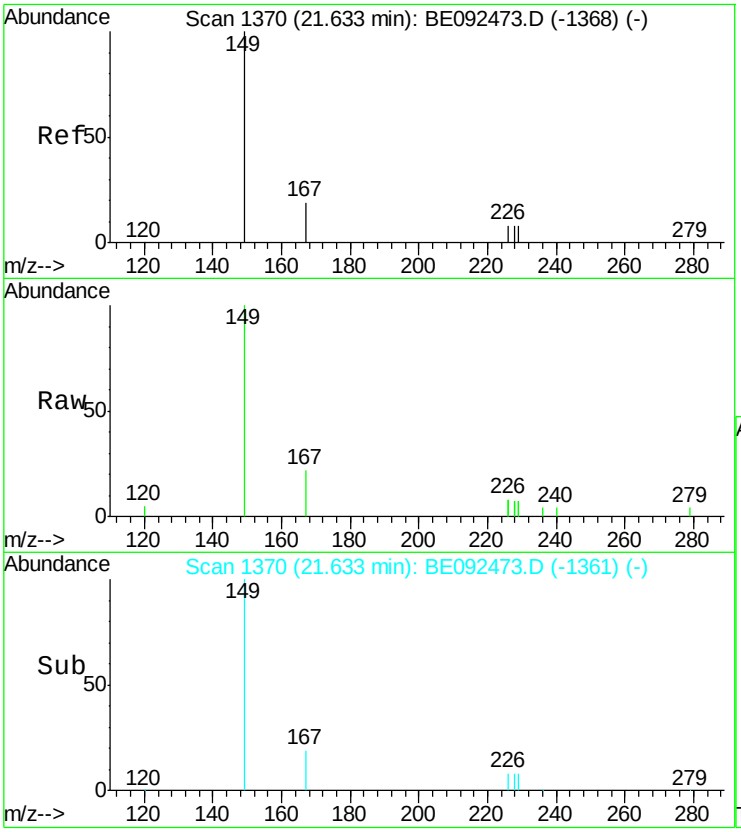


#28
Chrysene
Concen: 0.82 ng
RT: 21.72 min Scan# 1374
Delta R.T. -0.05 min
Lab File: BE092473.D
Acq: 25 Oct 2016 10:26

Tgt Ion:228 Resp: 60269

Ion	Ratio	Lower	Upper
228	100		
226	24.7	36.3	54.5#
229	18.7	10.6	16.0#



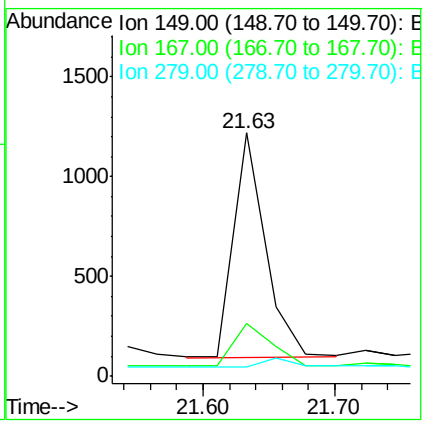


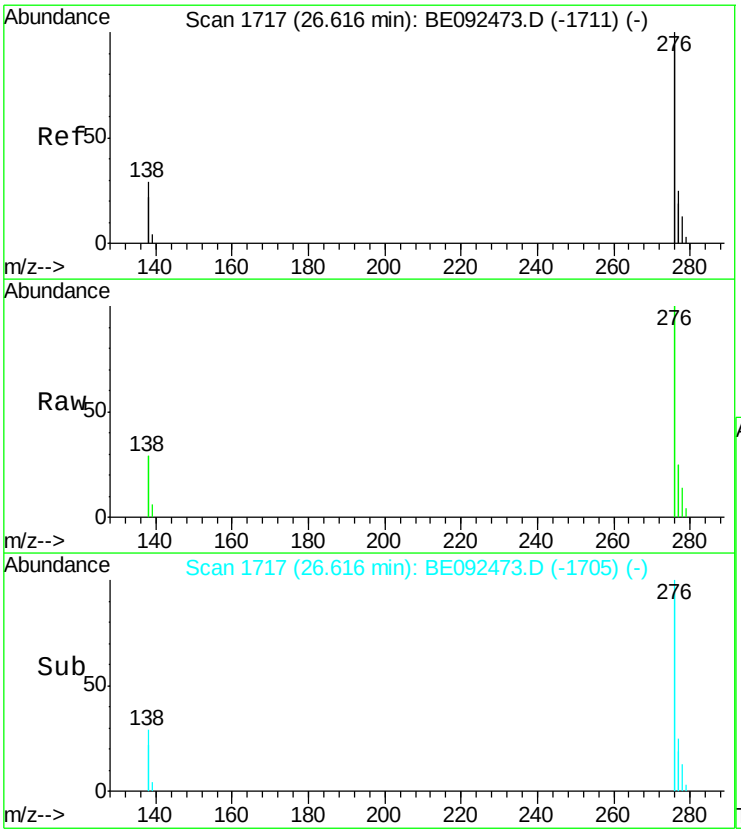
#29
Bis(2-ethylhexyl)phthalate
Concen: 0.28 ng
RT: 21.63 min Scan# 1370
Delta R.T. 0.00 min
Lab File: BE092473.D
Acq: 25 Oct 2016 10:26

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:149 Resp: 1903

Ion	Ratio	Lower	Upper
149	100		
167	22.9	16.0	24.0
279	0.0	16.0	24.0#

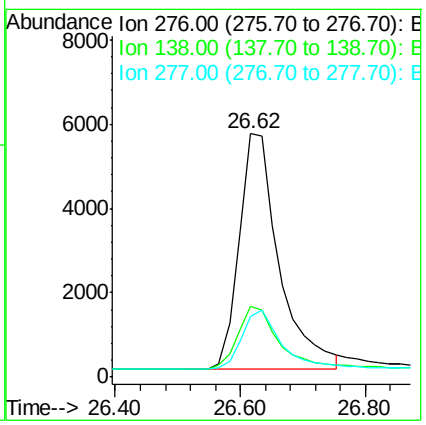


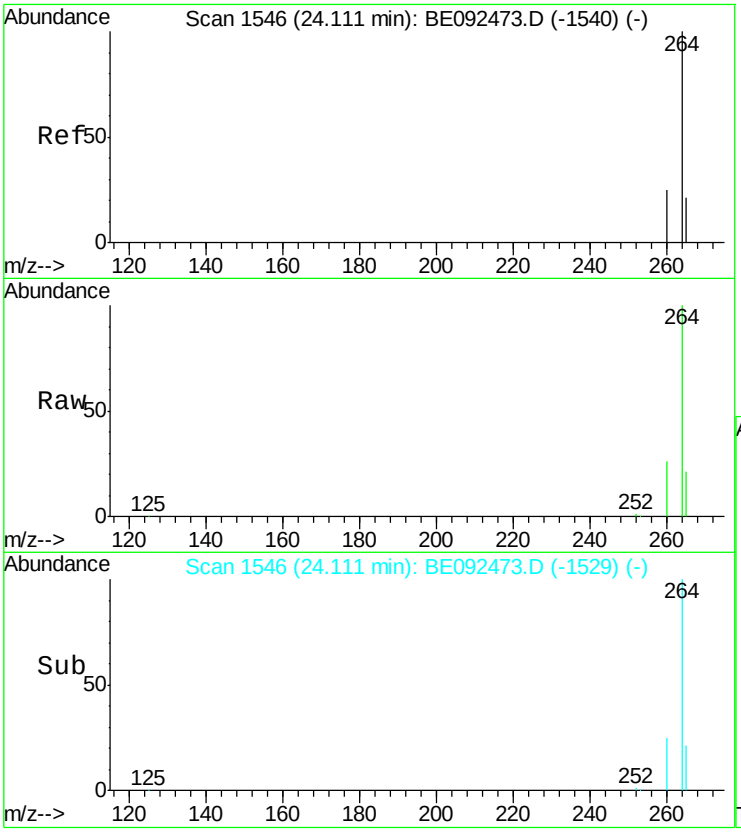


#30
Indeno(1,2,3-cd)pyrene
Concen: 0.32 ng
RT: 26.62 min Scan# 1717
Delta R.T. 0.00 min
Lab File: BE092473.D
Acq: 25 Oct 2016 10:26

Tgt Ion:276 Resp: 25017

Ion	Ratio	Lower	Upper
276	100		
138	27.1	20.3	30.5
277	24.5	19.7	29.5



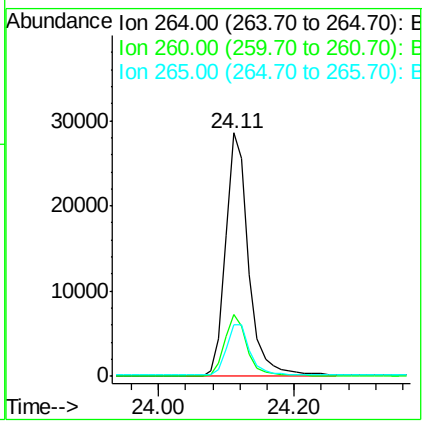


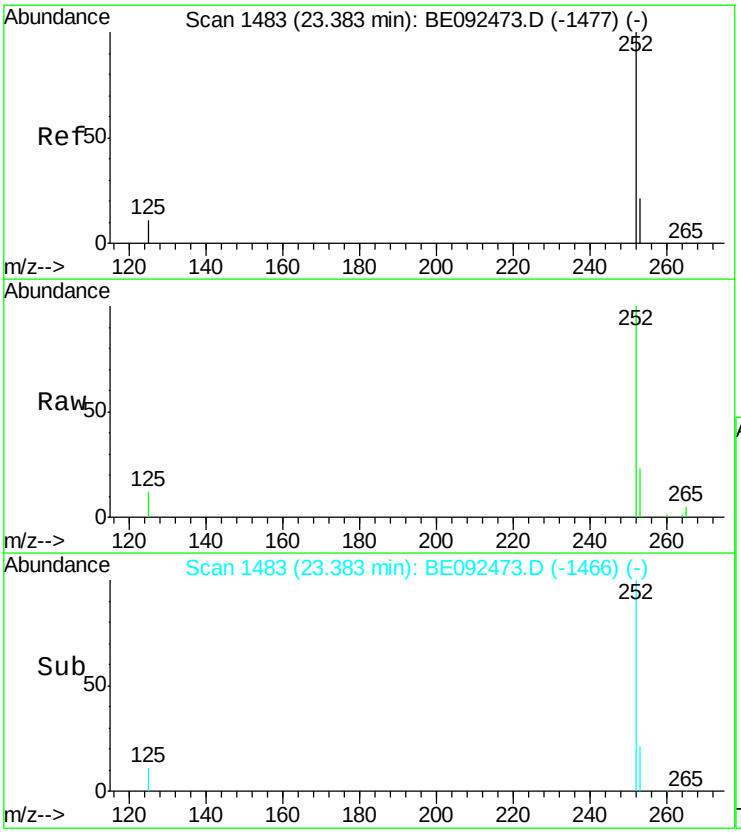
#31
Perylene-d12
Concen: 5.00 ng
RT: 24.11 min Scan# 1546
Delta R.T. 0.00 min
Lab File: BE092473.D
Acq: 25 Oct 2016 10:26

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:264 Resp: 67988

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

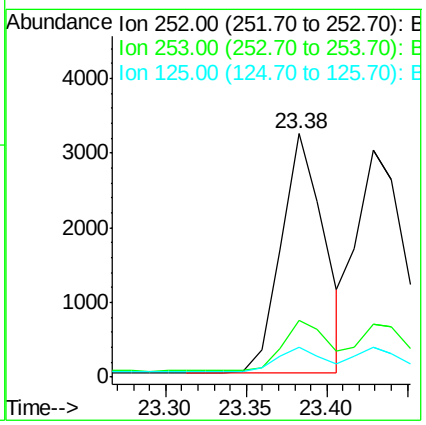


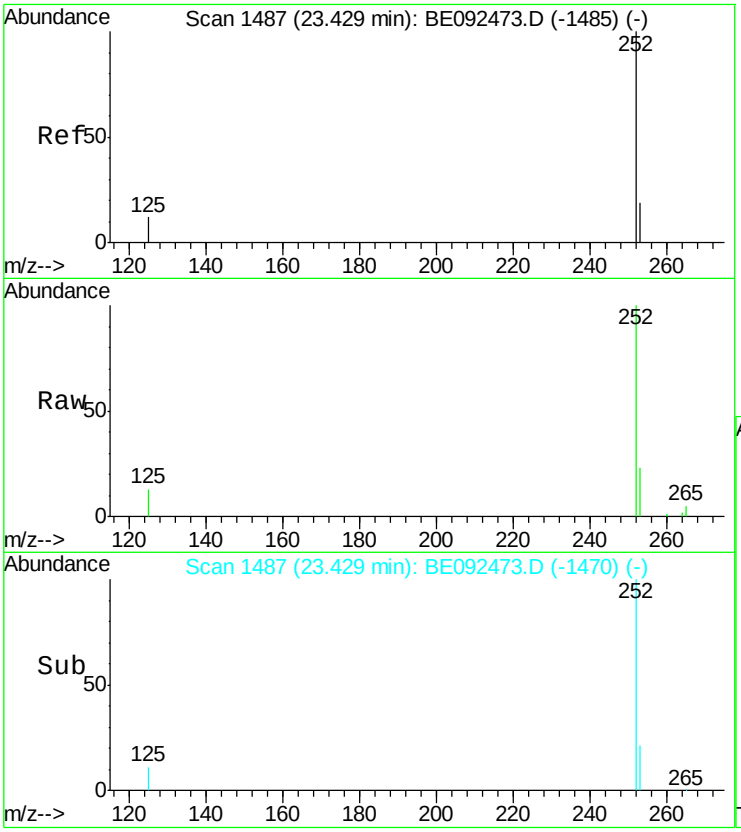


#32
Benzo(b)fluoranthene
Concen: 0.36 ng
RT: 23.38 min Scan# 1483
Delta R.T. 0.00 min
Lab File: BE092473.D
Acq: 25 Oct 2016 10:26

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



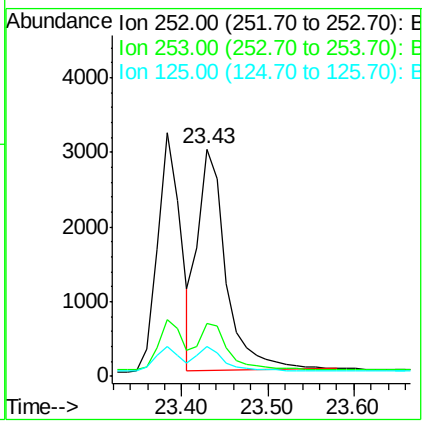


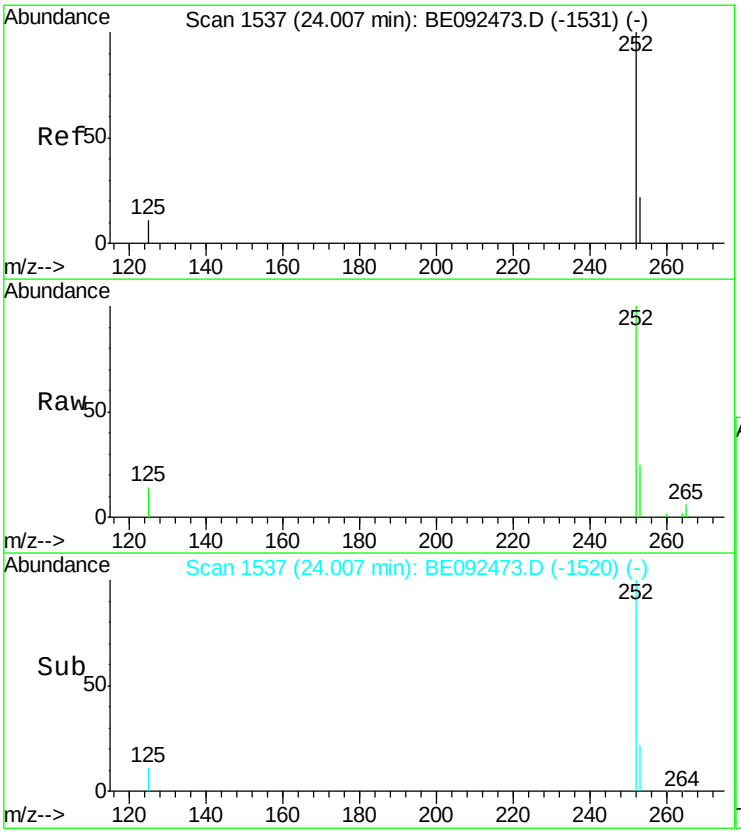
#33
Benzo(k)fluoranthene
Concen: 0.39 ng
RT: 23.43 min Scan# 1487
Delta R.T. 0.00 min
Lab File: BE092473.D
Acq: 25 Oct 2016 10:26

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 6726

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

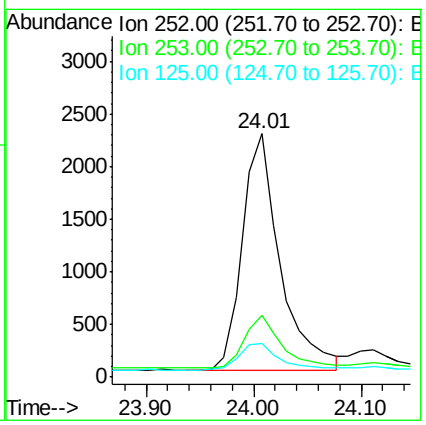


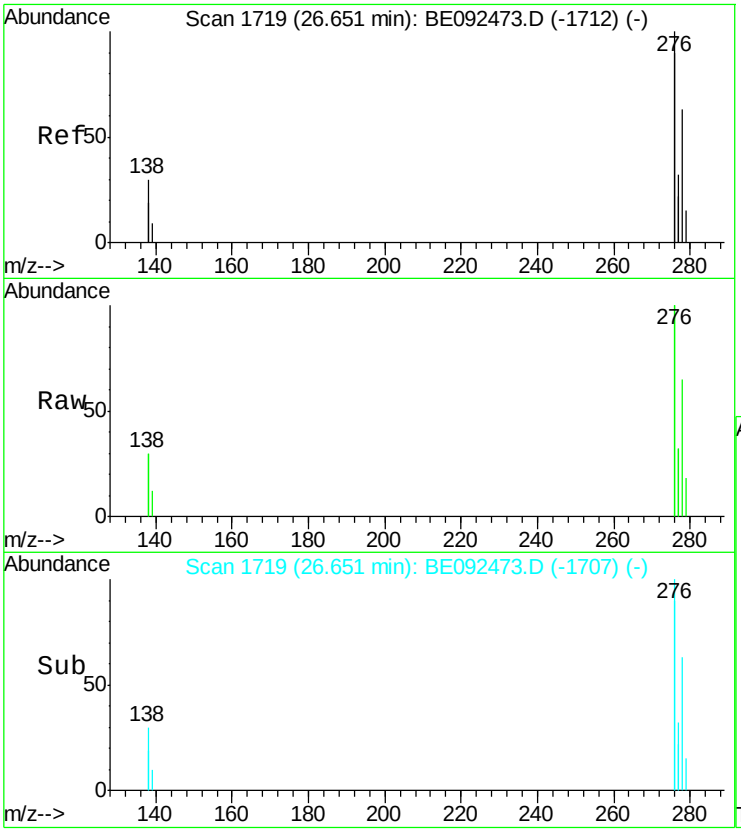


#34
Benzo(a)pyrene
Concen: 0.34 ng
RT: 24.01 min Scan# 1537
Delta R.T. 0.00 min
Lab File: BE092473.D
Acq: 25 Oct 2016 10:26

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



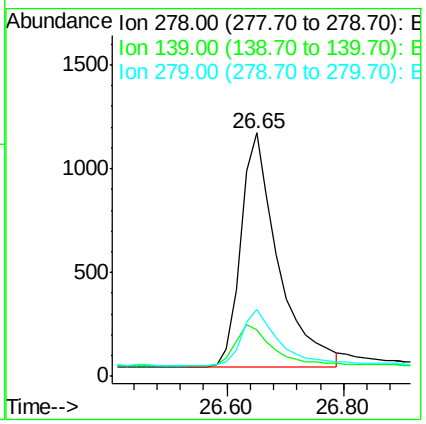


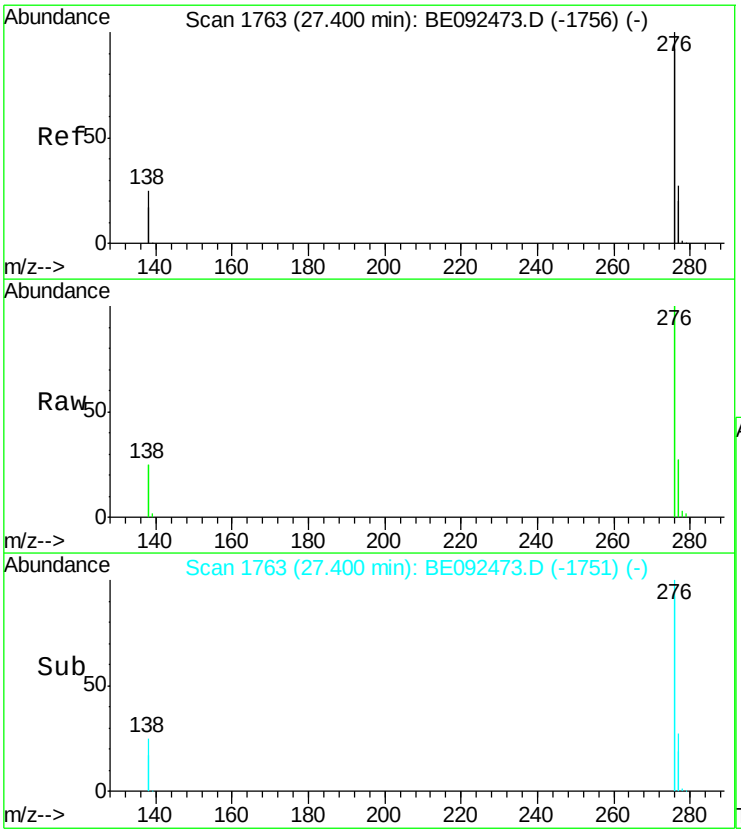
#35
Dibenzo(a,h)anthracene
Concen: 0.34 ng
RT: 26.65 min Scan# 1719
Delta R.T. 0.00 min
Lab File: BE092473.D
Acq: 25 Oct 2016 10:26

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:278 Resp: 5011

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: 0.36 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: 23054

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