Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE102516\
Data File : BE092472.D
Acq On : 25 Oct 2016 9:50
Operator : UM/SJ
Sample : SSTDICC0.2
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Oct 25 12:54:45 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	8.16	152	10021	5.00	ng		0.00
7) Naphthalene-d8	10.95	136	50055	5.00	ng		0.00
12) Acenaphthene-d10	14.82	164	36285	5.00	ng		0.00
18) Phenanthrene-d10	17.58	188	69888	5.00	ng		0.00
24) Chrysene-d12	21.75	240	87264	5.00	ng		0.00
31) Perylene-d12	24.11	264	71504	5.00	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.70	112	262	0.13	ng		0.02
5) Phenol-d6	7.40	99	307	0.11	ng		0.04
8) Nitrobenzene-d5	9.38	82	348	0.12	ng		0.02
13) 2,4,6-Tribromophenol	16.33	330	103	0.10	ng		0.01
14) 2-Fluorobiphenyl	13.46	172	1623	0.19	ng		0.01
26) Terphenyl-d14	20.19	244	1893	0.17	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.41	88	293	0.23	ng		92
3) n-Nitrosodimethylamine	3.83	42	130	0.11	ng	#	2
6) bis(2-Chloroethyl)ether	7.61	93	209	0.09	ng	#	65
9) Naphthalene	10.99	128	2116	0.20	ng	#	94
10) Hexachlorobutadiene	11.28	225	339	0.20	ng		99
11) 2-Methylnaphthalene	12.66	142	1298	0.18	ng		97
15) Acenaphthylene	14.53	152	9531	0.18	ng		99
16) Acenaphthene	14.88	154	1692	0.21	ng		94
17) Fluorene	15.88	166	1836	0.18	ng		98
19) Hexachlorobenzene	16.89	284	616	0.21	ng	#	67
20) Pentachlorophenol	17.28	266	61	0.09	ng	#	82
21) Phenanthrene	17.60	178	3370	0.21	ng		96
22) Anthracene	17.72	178	2663	0.17	ng		99
23) Fluoranthene	19.63	202	12853	0.17	ng		99
25) Pyrene	19.99	202	13712	0.18	ng		100
27) Benzo(a)anthracene	21.72	228	30642	0.36	ng		93
28) Chrysene	21.72	228	30991	0.40	ng	#	74
29) Bis(2-ethylhexyl)phthalate	21.63	149	974	0.13	ng	#	75
30) Indeno(1,2,3-cd)pyrene	26.63	276	12796	0.15	ng		98
32) Benzo(b)fluoranthene	23.38	252	2974	0.17	ng		95
33) Benzo(k)fluoranthene	23.43	252	3598	0.20	ng	#	97
34) Benzo(a)pyrene	24.01	252	2871	0.17	ng		94
35) Dibenzo(a,h)anthracene	26.65	278	2533	0.16	ng	#	88
36) Benzo(g,h,i)perylene	27.40	276	11806	0.18	ng		93

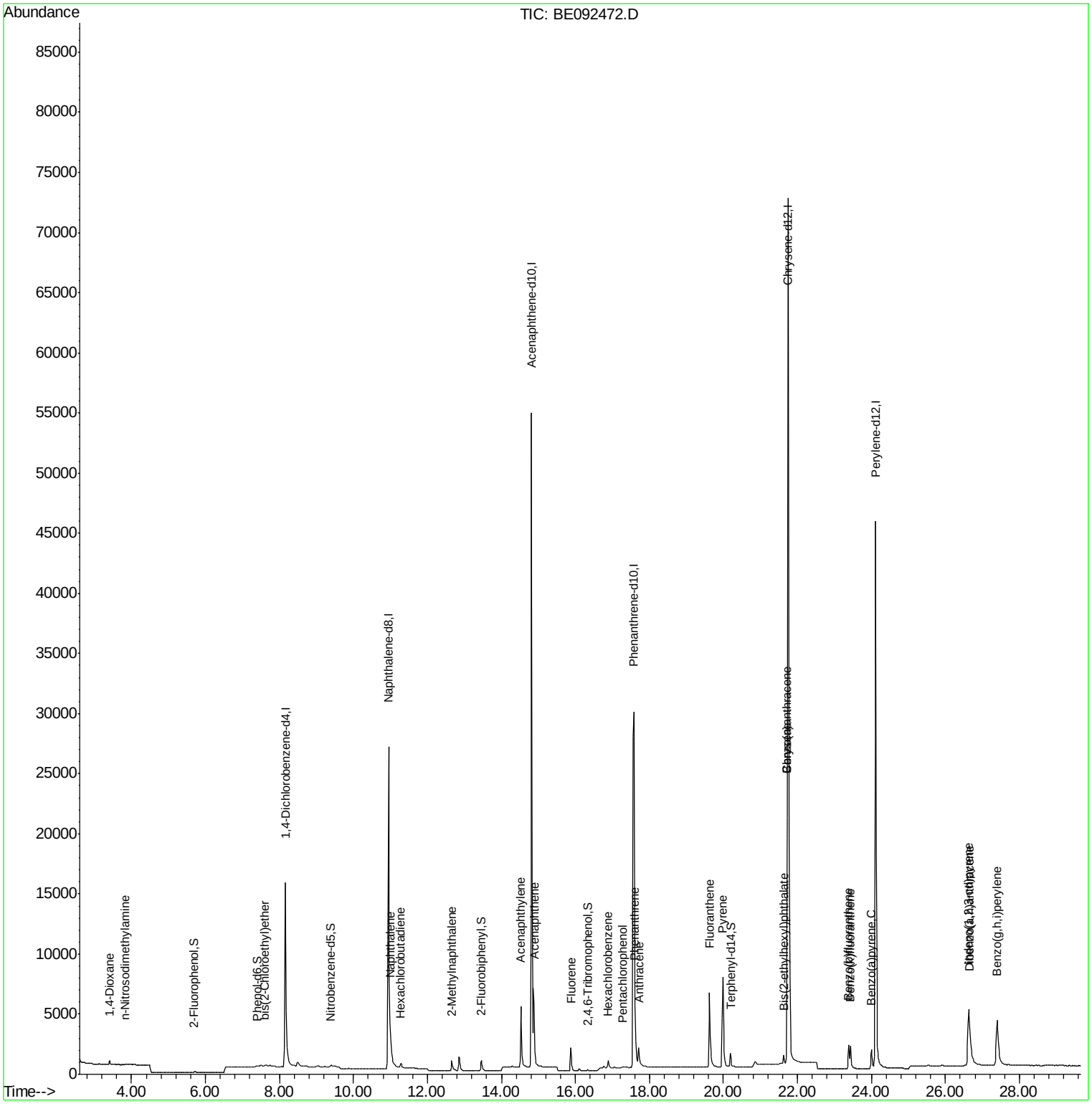
(#) = qualifier out of range (m) = manual integration (+) = signals summed

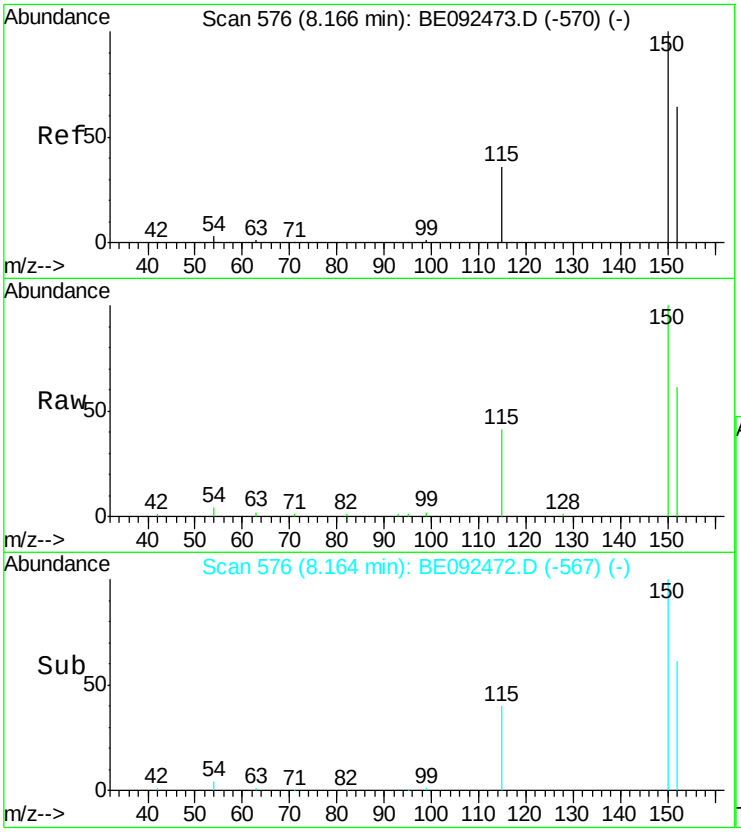
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE102516\
Data File : BE092472.D
Acq On : 25 Oct 2016 9:50
Operator : UM/SJ
Sample : SSTDICC0.2
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Oct 25 12:54:45 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



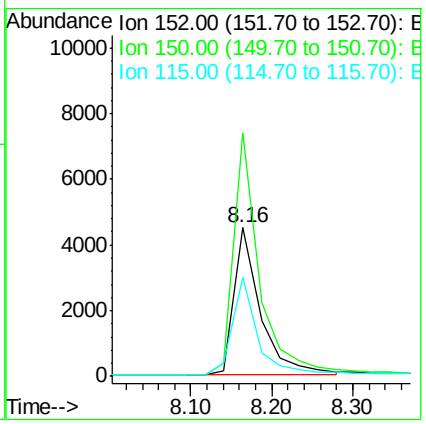


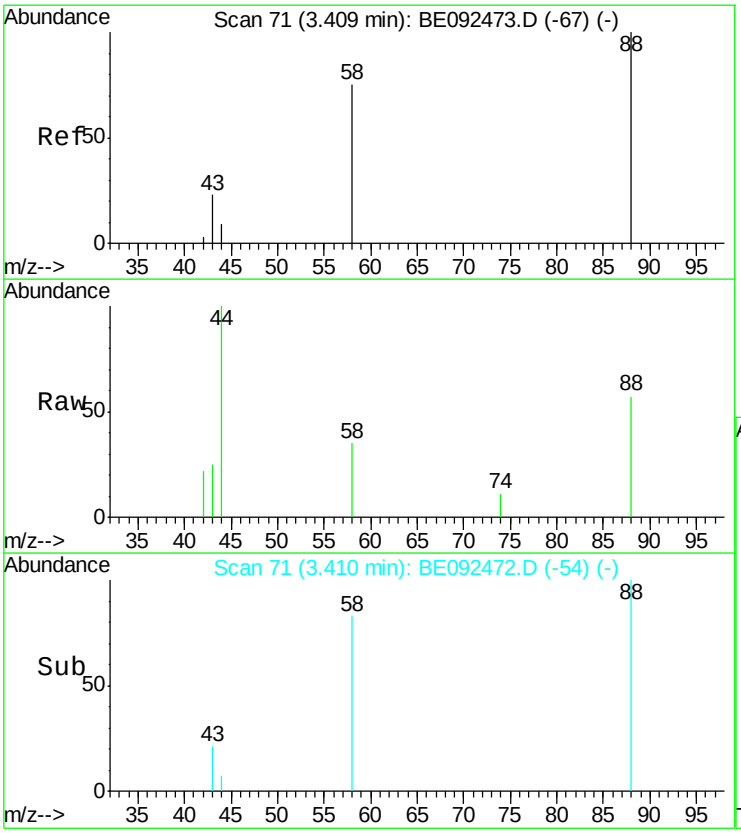
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 8.16 min Scan# 576
Delta R.T. -0.00 min
Lab File: BE092472.D
Acq: 25 Oct 2016 9:50

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 10021

Ion	Ratio	Lower	Upper
152	100		
150	164.2	106.0	159.0#
115	66.9	31.2	46.8#

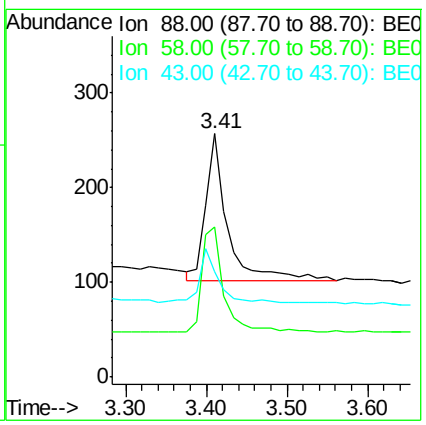


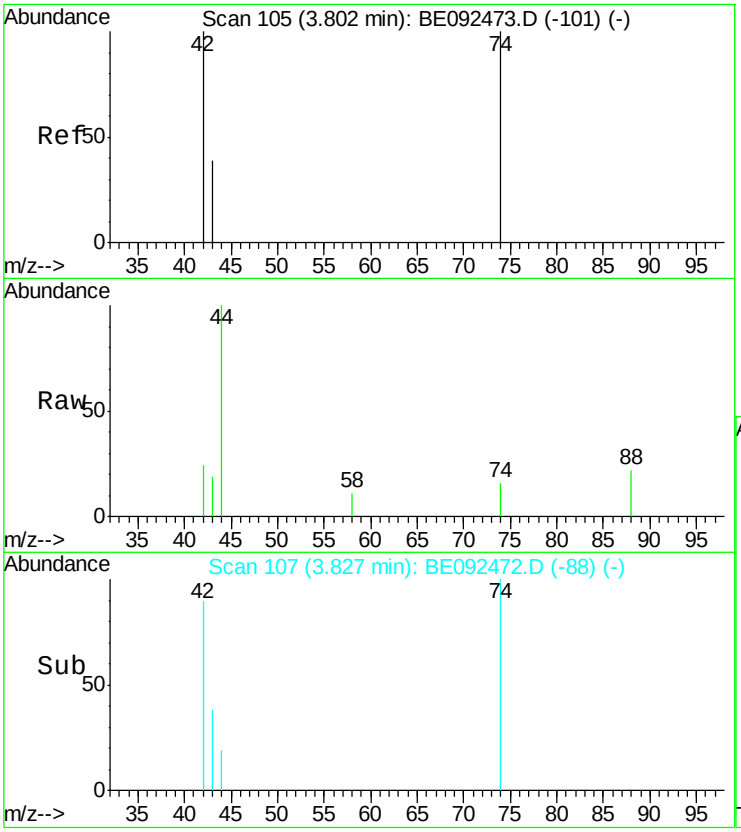


#2
1,4-Dioxane
Concen: 0.23 ng
RT: 3.41 min Scan# 71
Delta R.T. 0.00 min
Lab File: BE092472.D
Acq: 25 Oct 2016 9:50

Tgt Ion: 88 Resp: 293

Ion	Ratio	Lower	Upper
88	100		
58	70.6	63.6	95.4
43	33.4	28.0	42.0



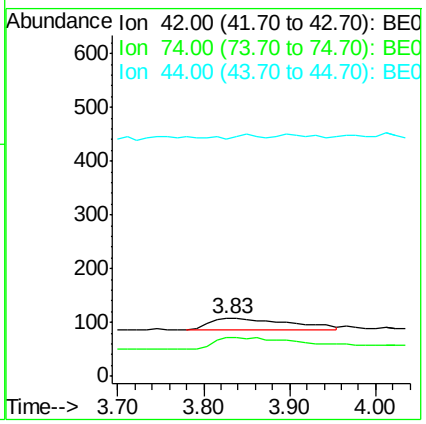


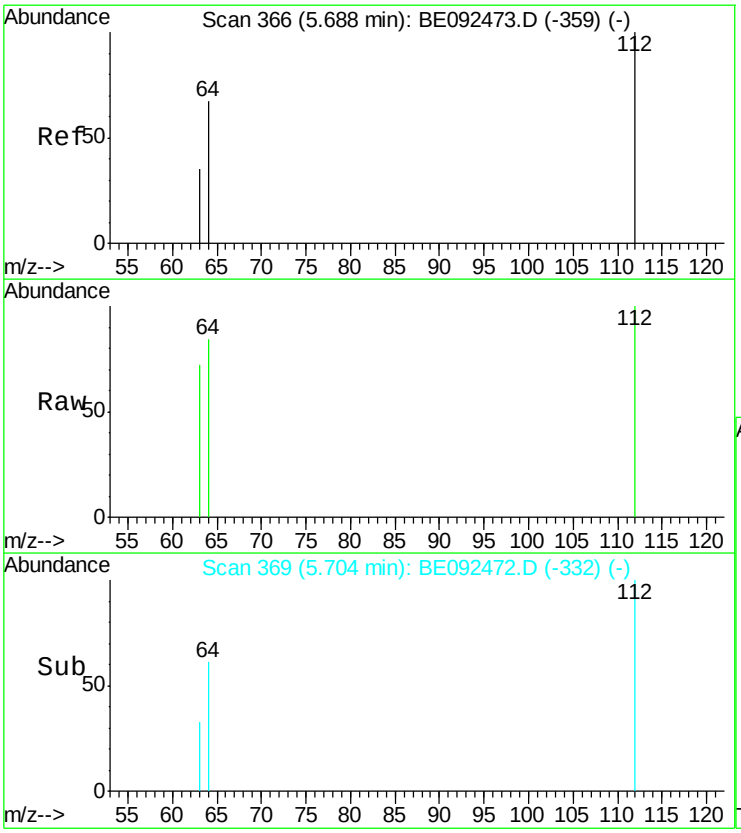
#3
n-Nitrosodimethylamine
Concen: 0.11 ng
RT: 3.83 min Scan# 107
Delta R.T. 0.02 min
Lab File: BE092472.D
Acq: 25 Oct 2016 9:50

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 42 Resp: 130

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

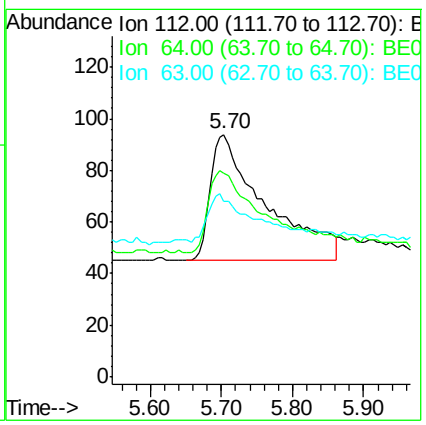


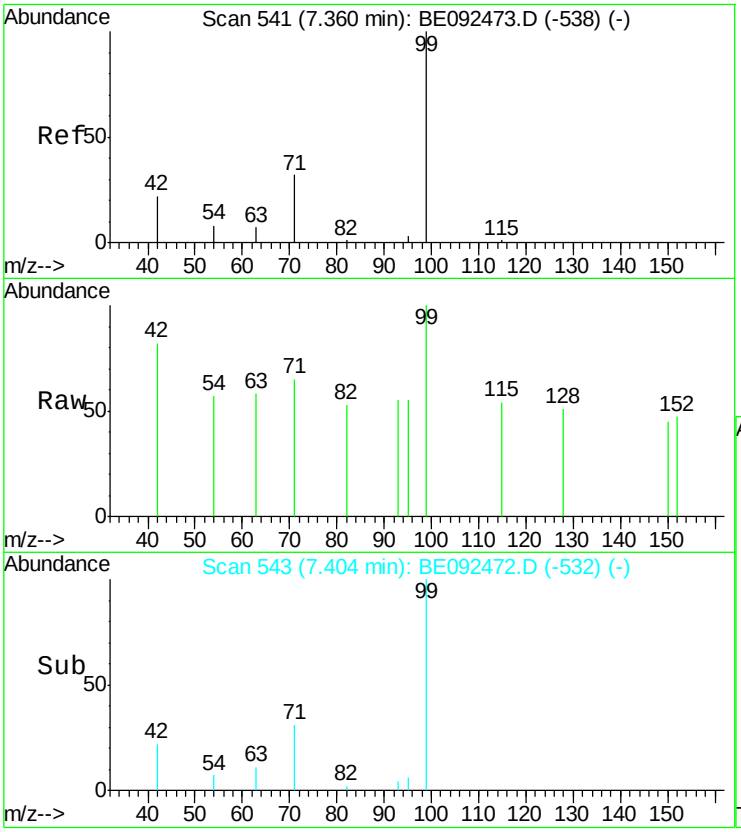


#4
2-Fluorophenol
Concen: 0.13 ng
RT: 5.70 min Scan# 369
Delta R.T. 0.02 min
Lab File: BE092472.D
Acq: 25 Oct 2016 9:50

Tgt Ion:112 Resp: 262

Ion	Ratio	Lower	Upper
112	100		
64	68.7	53.5	80.3
63	34.0	27.9	41.9



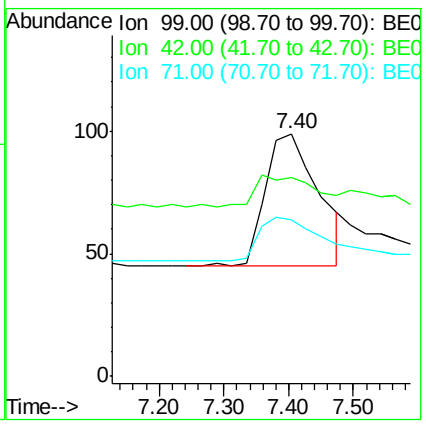


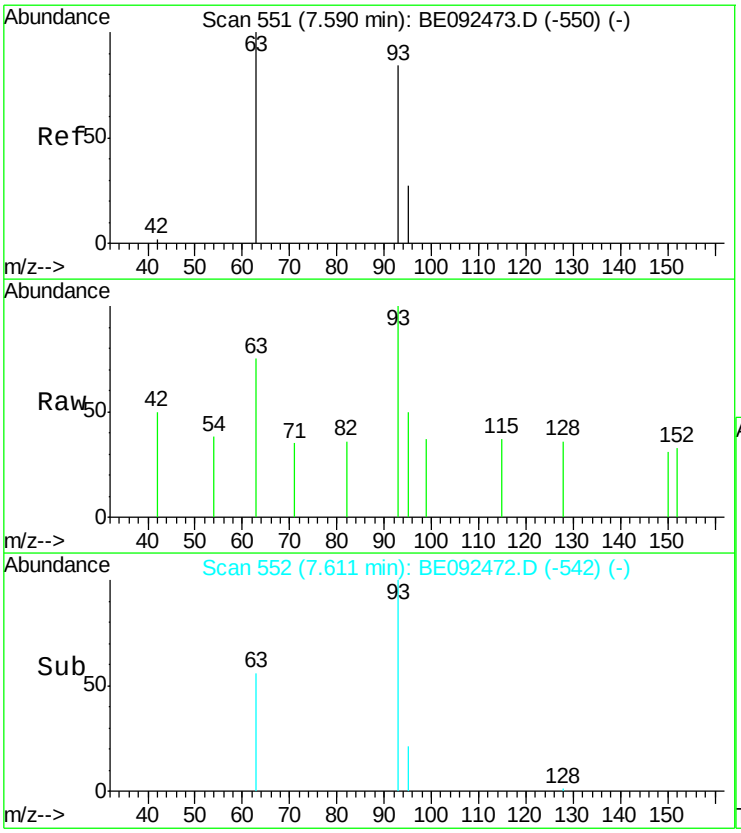
#5
Phenol-d6
Concen: 0.11 ng
RT: 7.40 min Scan# 543
Delta R.T. 0.04 min
Lab File: BE092472.D
Acq: 25 Oct 2016 9:50

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 99 Resp: 307

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

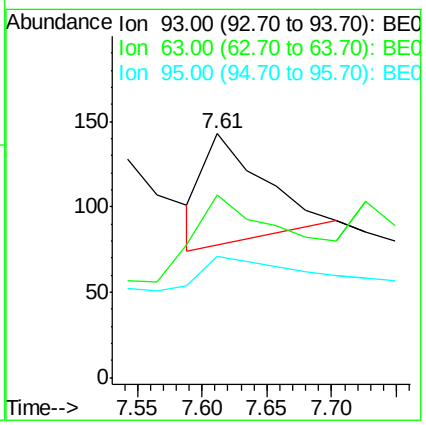


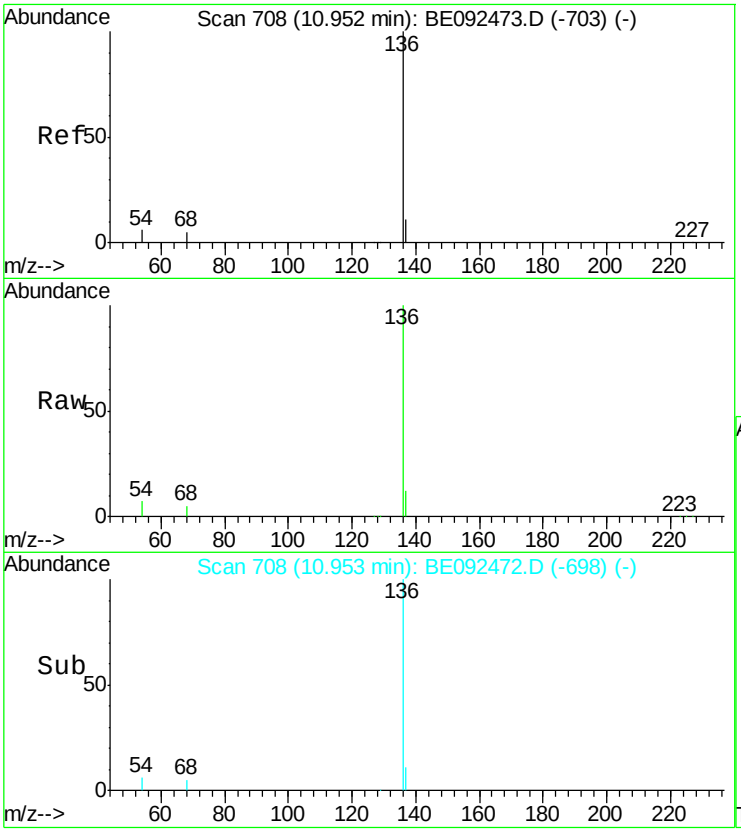


#6
bis(2-Chloroethyl)ether
Concen: 0.09 ng
RT: 7.61 min Scan# 552
Delta R.T. 0.02 min
Lab File: BE092472.D
Acq: 25 Oct 2016 9:50

Tgt Ion: 93 Resp: 209

Ion	Ratio	Lower	Upper
93	100		
63	123.0	71.6	107.4#
95	48.8	24.0	36.0#



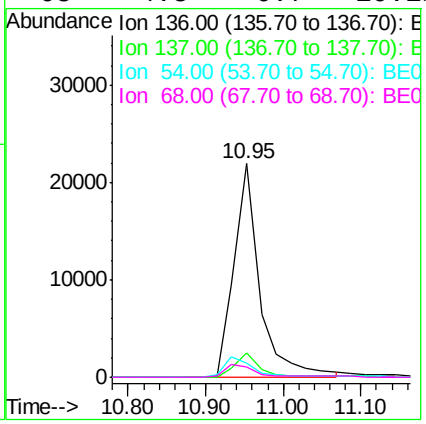


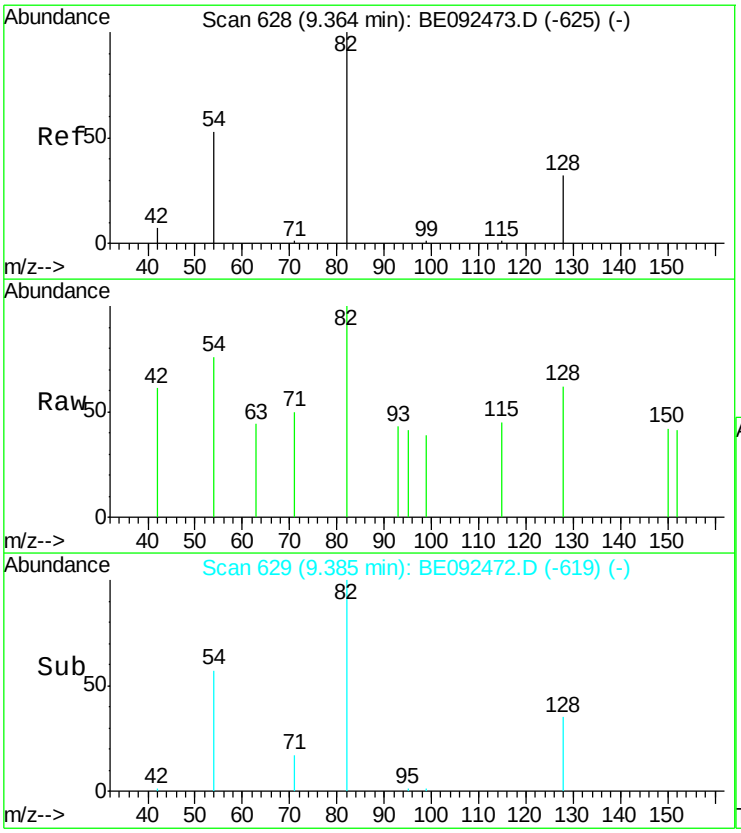
#7
Naphthalene-d8
Concen: 5.00 ng
RT: 10.95 min Scan# 708
Delta R.T. 0.00 min
Lab File: BE092472.D
Acq: 25 Oct 2016 9:50

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:136 Resp: 50055

Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.2	12.4
54	6.5	9.6	14.4#
68	4.8	6.7	10.1#

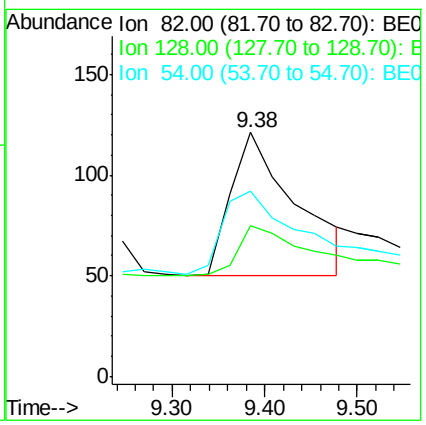


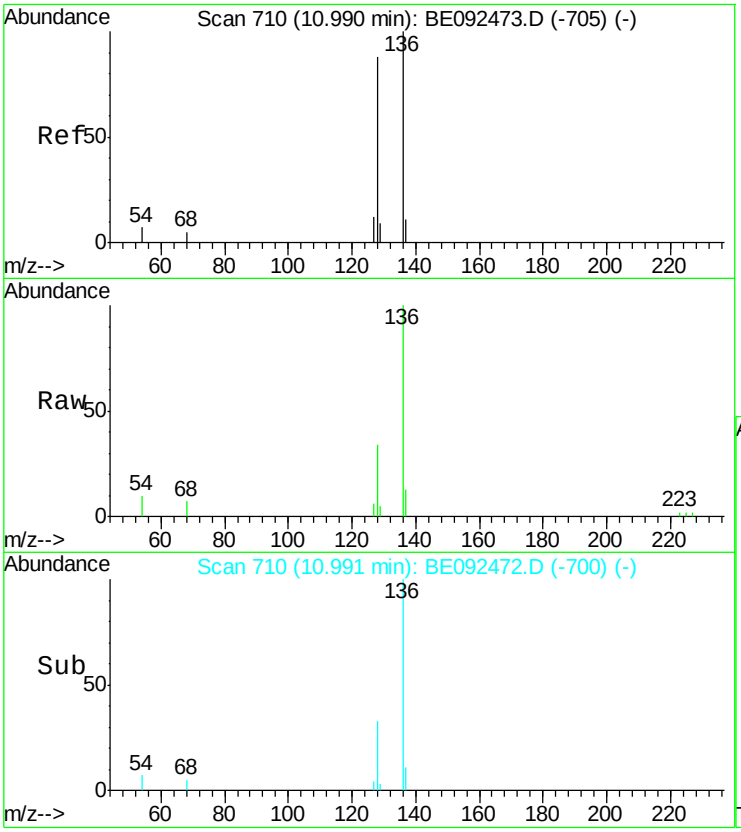


#8
Nitrobenzene-d5
Concen: 0.12 ng
RT: 9.38 min Scan# 629
Delta R.T. 0.02 min
Lab File: BE092472.D
Acq: 25 Oct 2016 9:50

Tgt Ion: 82 Resp: 348

Ion	Ratio	Lower	Upper
82	100		
128	62.0	39.0	58.4#
54	76.0	44.8	67.2#



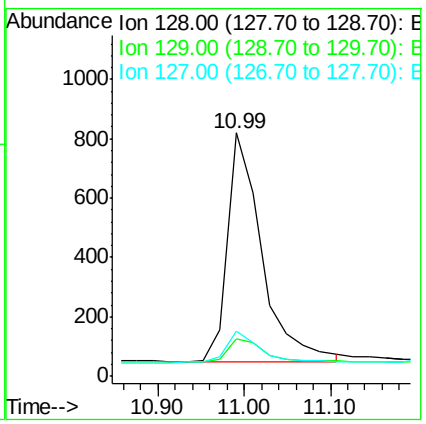


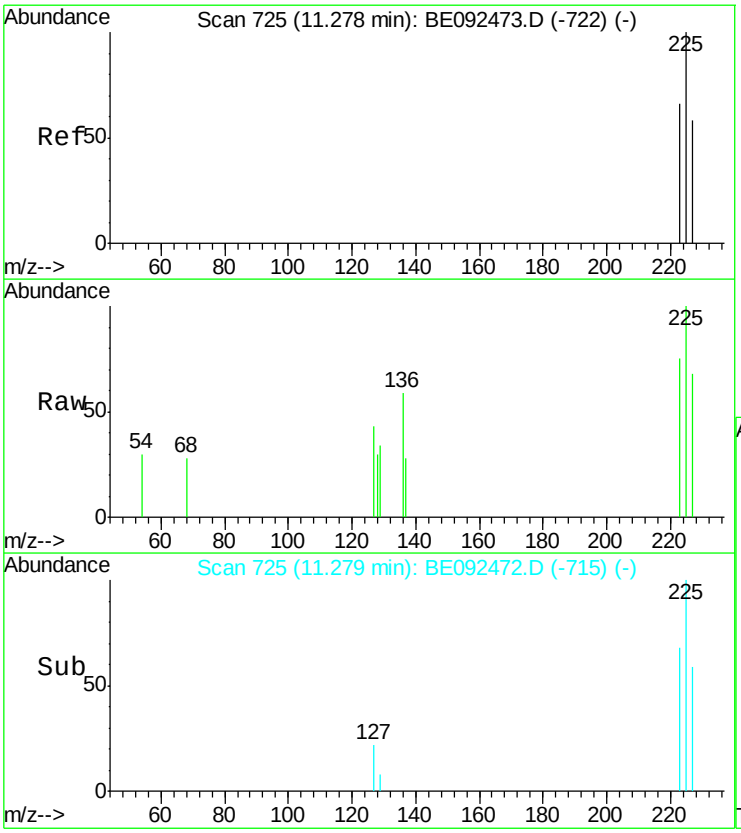
#9
Naphthalene
Concen: 0.20 ng
RT: 10.99 min Scan# 710
Delta R.T. 0.00 min
Lab File: BE092472.D
Acq: 25 Oct 2016 9:50

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:128 Resp: 2116

Ion	Ratio	Lower	Upper
128	100		
129	15.4	11.2	16.8
127	18.3	11.6	17.4#

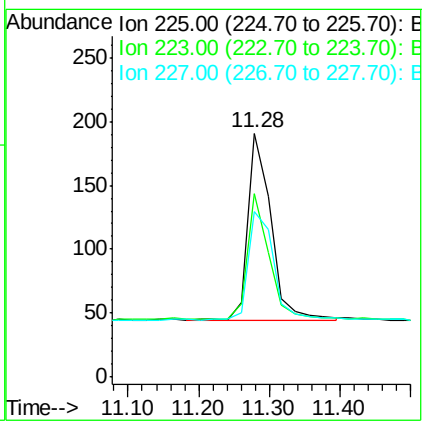


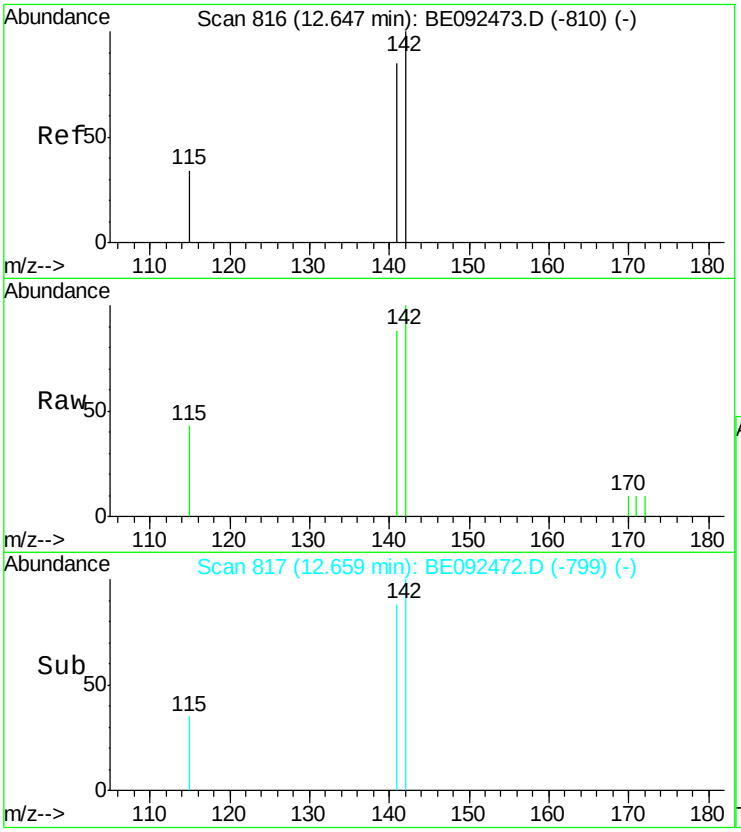


#10
Hexachlorobutadiene
Concen: 0.20 ng
RT: 11.28 min Scan# 725
Delta R.T. 0.00 min
Lab File: BE092472.D
Acq: 25 Oct 2016 9:50

Tgt Ion:225 Resp: 339

Ion	Ratio	Lower	Upper
225	100		
223	61.7	50.6	76.0
227	64.0	51.4	77.0



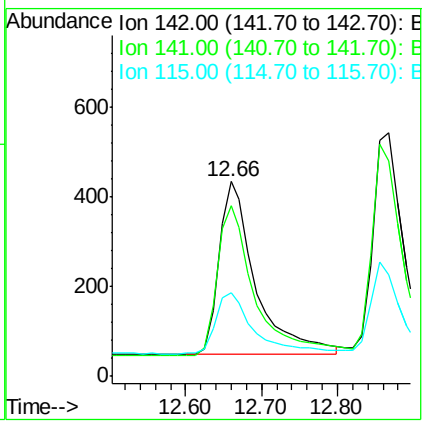


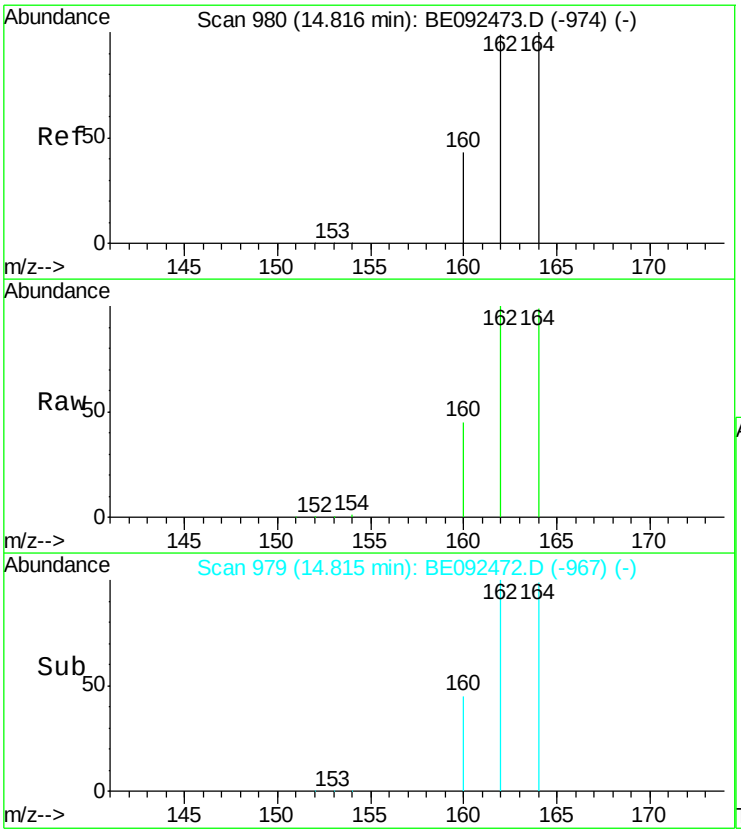
#11
2-Methylnaphthalene
Concen: 0.18 ng
RT: 12.66 min Scan# 817
Delta R.T. 0.01 min
Lab File: BE092472.D
Acq: 25 Oct 2016 9:50

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:142 Resp: 1298

Ion	Ratio	Lower	Upper
142	100		
141	87.8	73.7	110.5
115	42.6	34.0	51.0

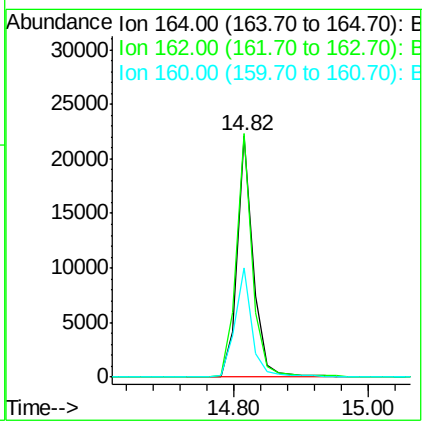


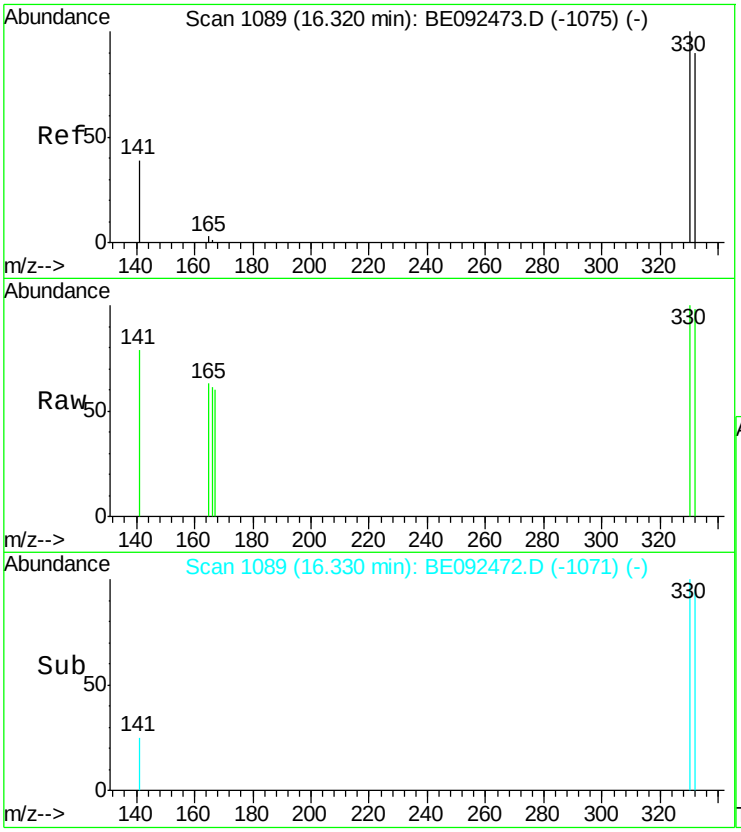


#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.82 min Scan# 979
Delta R.T. -0.00 min
Lab File: BE092472.D
Acq: 25 Oct 2016 9:50

Tgt Ion:164 Resp: 36285

Ion	Ratio	Lower	Upper
164	100		
162	100.9	71.4	107.0
160	45.4	27.4	41.2#



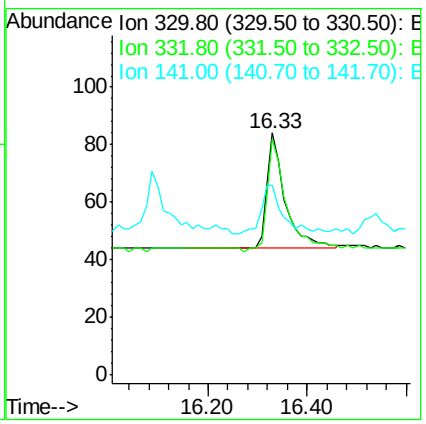


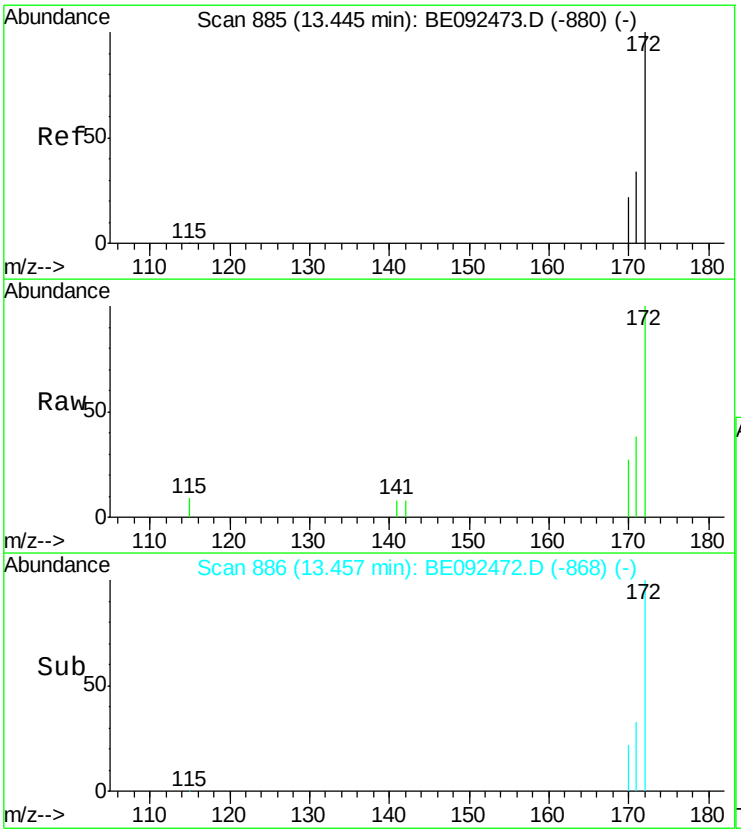
#13
2,4,6-Tribromophenol
Concen: 0.10 ng
RT: 16.33 min Scan# 1089
Delta R.T. 0.01 min
Lab File: BE092472.D
Acq: 25 Oct 2016 9:50

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:330 Resp: 103

Ion	Ratio	Lower	Upper
330	100		
332	106.8	75.4	113.0
141	53.4	31.0	46.6#

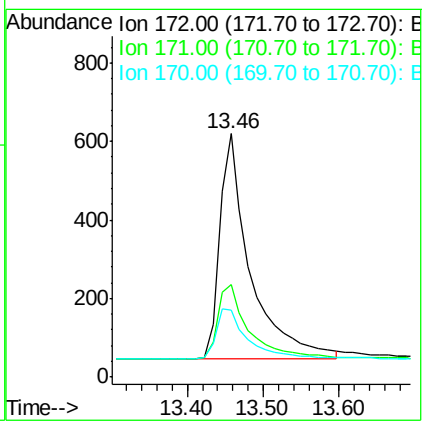


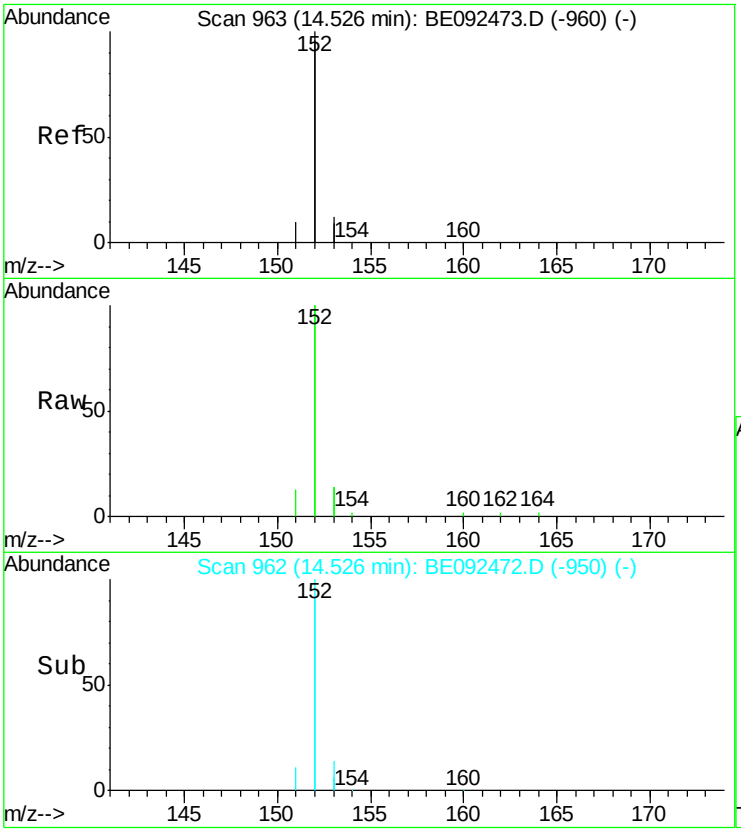


#14
2-Fluorobiphenyl
Concen: 0.19 ng
RT: 13.46 min Scan# 886
Delta R.T. 0.01 min
Lab File: BE092472.D
Acq: 25 Oct 2016 9:50

Tgt Ion:172 Resp: 1623

Ion	Ratio	Lower	Upper
172	100		
171	37.9	30.1	45.1
170	27.4	21.8	32.6



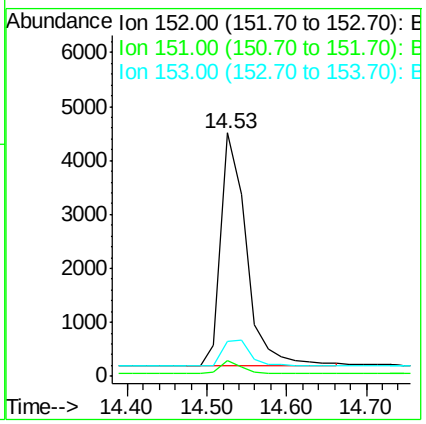


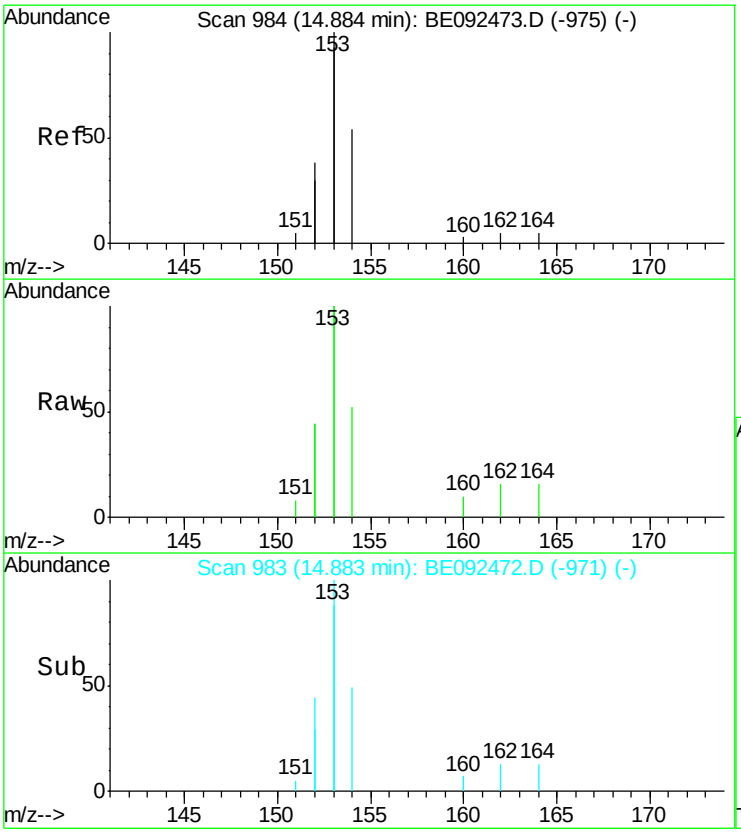
#15
Acenaphthylene
Concen: 0.18 ng
RT: 14.53 min Scan# 962
Delta R.T. -0.00 min
Lab File: BE092472.D
Acq: 25 Oct 2016 9:50

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 9531

Ion	Ratio	Lower	Upper
152	100		
151	4.9	3.9	5.9
153	12.7	10.4	15.6

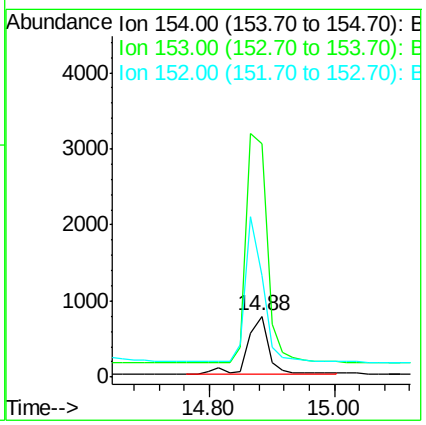


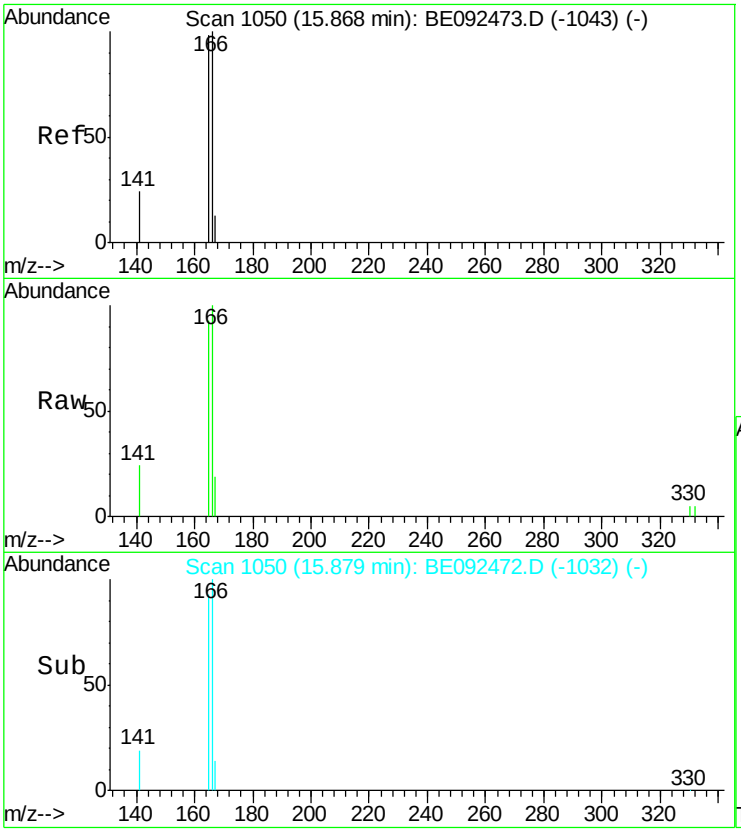


#16
Acenaphthene
Concen: 0.21 ng
RT: 14.88 min Scan# 983
Delta R.T. -0.00 min
Lab File: BE092472.D
Acq: 25 Oct 2016 9:50

Tgt Ion:154 Resp: 1692

Ion	Ratio	Lower	Upper
154	100		
153	417.0	350.8	526.2
152	217.3	171.1	256.7



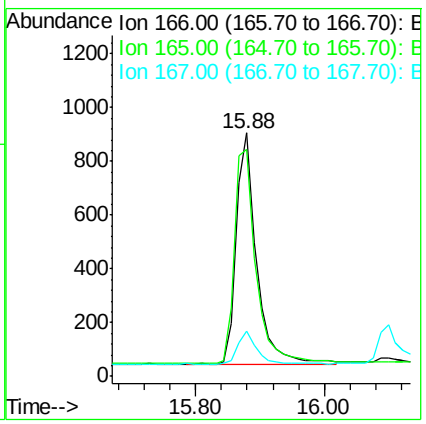


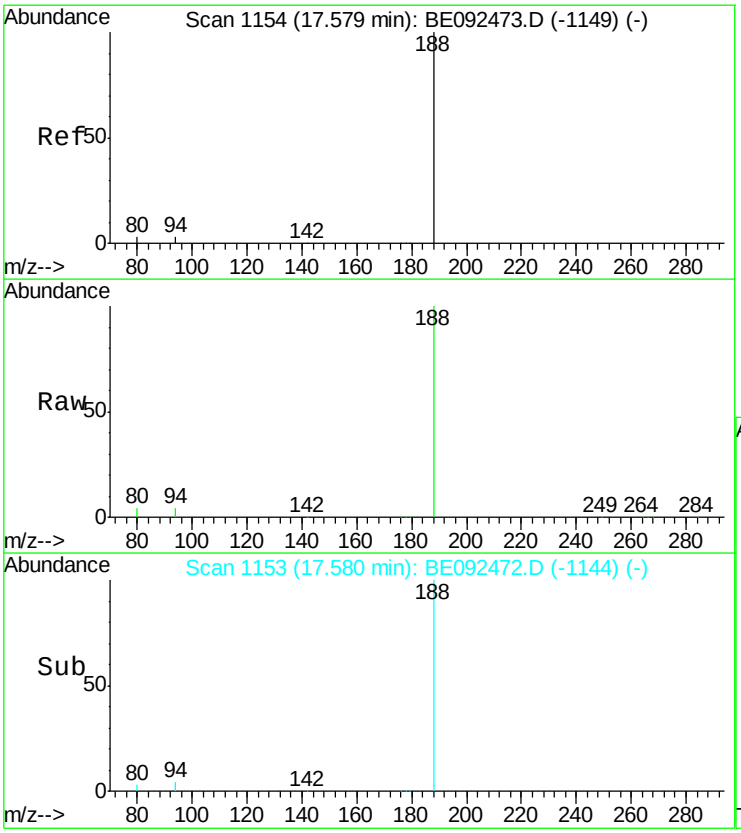
#17
Fluorene
Concen: 0.18 ng
RT: 15.88 min Scan# 1050
Delta R.T. 0.01 min
Lab File: BE092472.D
Acq: 25 Oct 2016 9:50

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:166 Resp: 1836

Ion	Ratio	Lower	Upper
166	100		
165	99.9	78.2	117.4
167	13.7	11.0	16.4

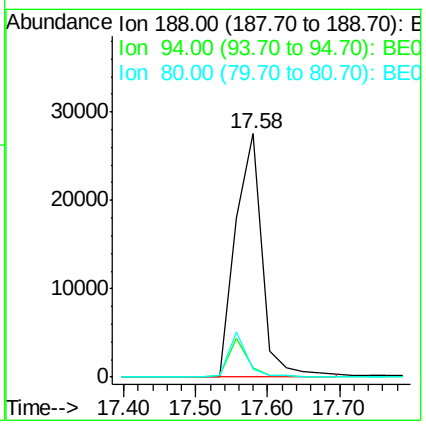


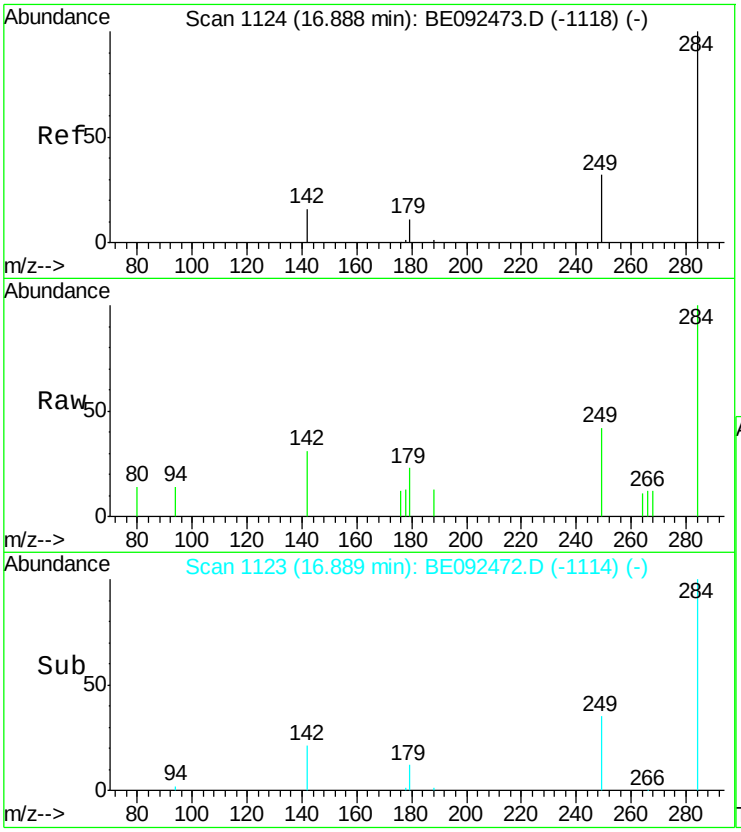


#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.58 min Scan# 1153
Delta R.T. 0.00 min
Lab File: BE092472.D
Acq: 25 Oct 2016 9:50

Tgt Ion:188 Resp: 69888

Ion	Ratio	Lower	Upper
188	100		
94	4.0	3.2	4.8
80	3.6	2.6	3.8



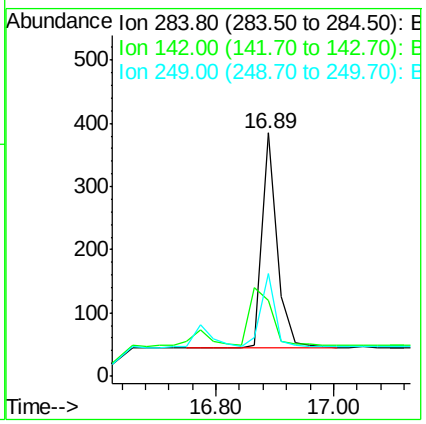


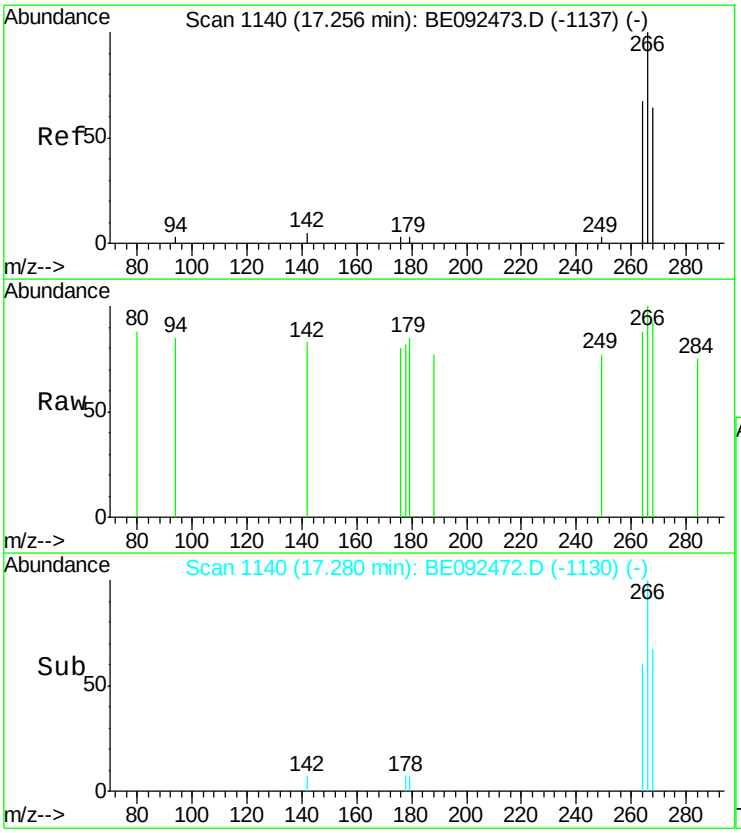
#19
Hexachlorobenzene
Concen: 0.21 ng
RT: 16.89 min Scan# 1123
Delta R.T. 0.00 min
Lab File: BE092472.D
Acq: 25 Oct 2016 9:50

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:284 Resp: 616

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

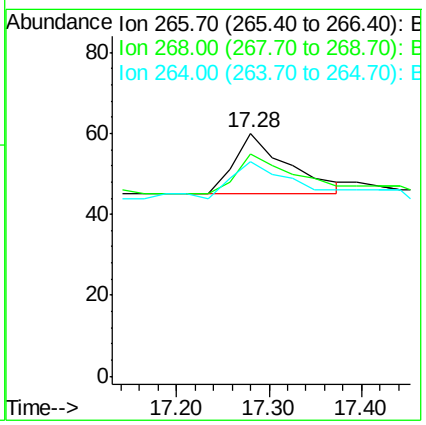


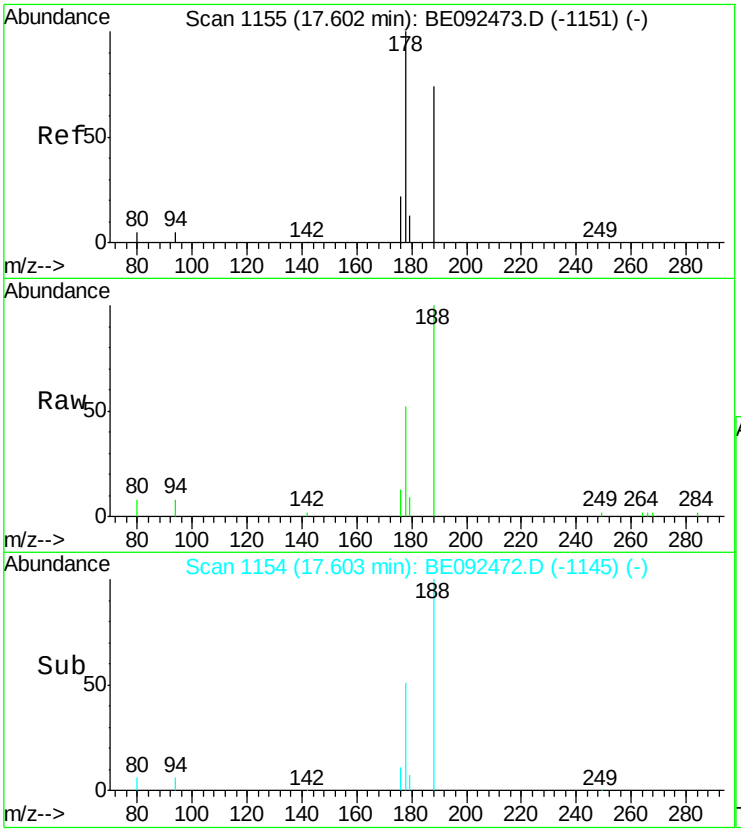


#20
Pentachlorophenol
Concen: 0.09 ng
RT: 17.28 min Scan# 1140
Delta R.T. 0.02 min
Lab File: BE092472.D
Acq: 25 Oct 2016 9:50

Tgt Ion:266 Resp: 61

Ion	Ratio	Lower	Upper
266	100		
268	91.7	62.5	93.7
264	88.3	57.2	85.8#



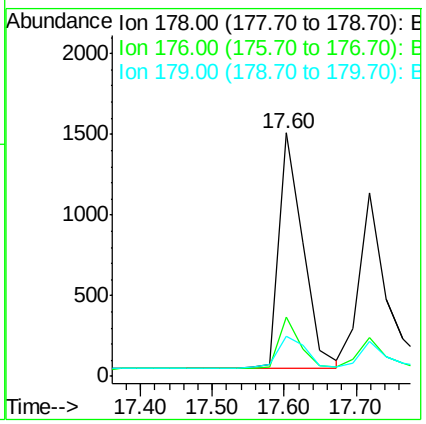


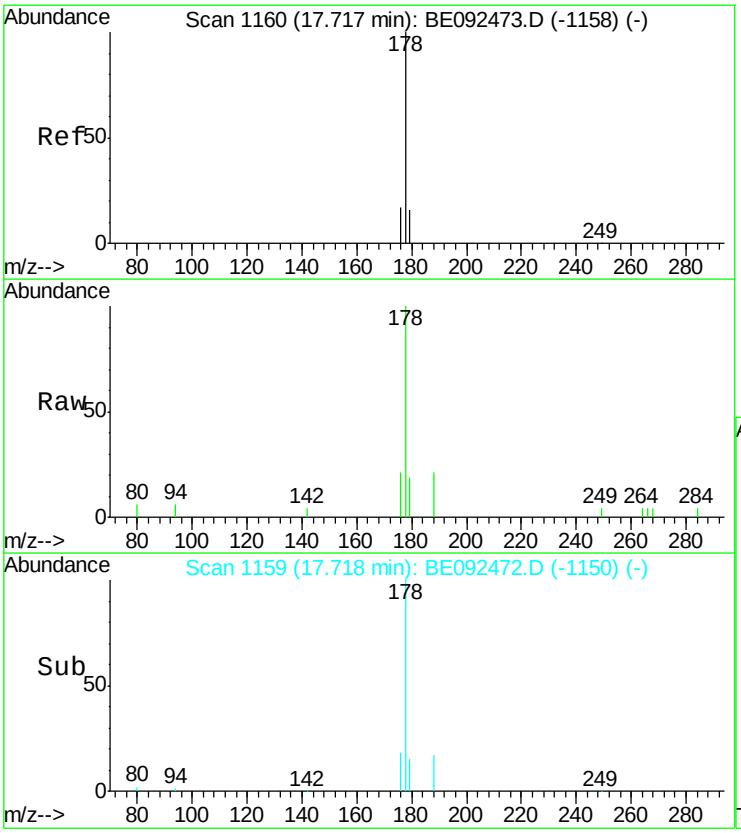
#21
Phenanthrene
Concen: 0.21 ng
RT: 17.60 min Scan# 1154
Delta R.T. 0.00 min
Lab File: BE092472.D
Acq: 25 Oct 2016 9:50

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 3370

Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.8	23.8
179	16.7	16.0	24.0

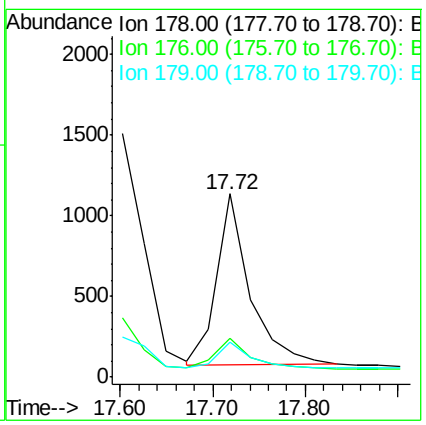


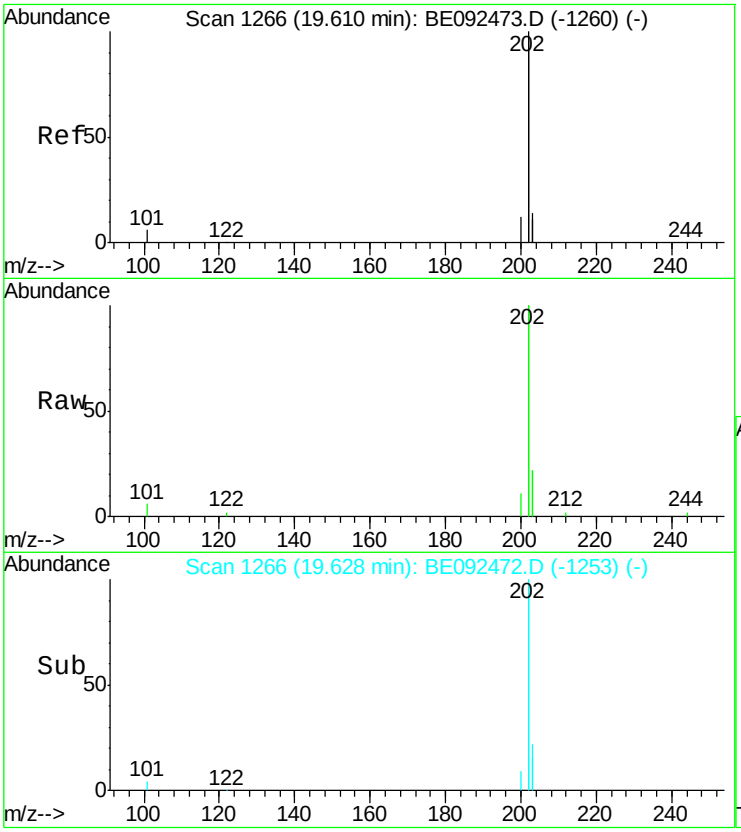


#22
Anthracene
Concen: 0.17 ng
RT: 17.72 min Scan# 1159
Delta R.T. 0.00 min
Lab File: BE092472.D
Acq: 25 Oct 2016 9:50

Tgt Ion:178 Resp: 2663

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.0	22.4
179	14.6	12.2	18.2



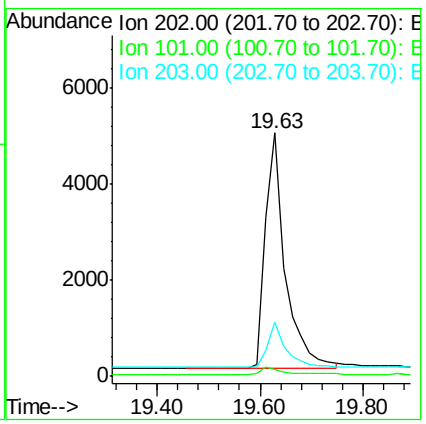


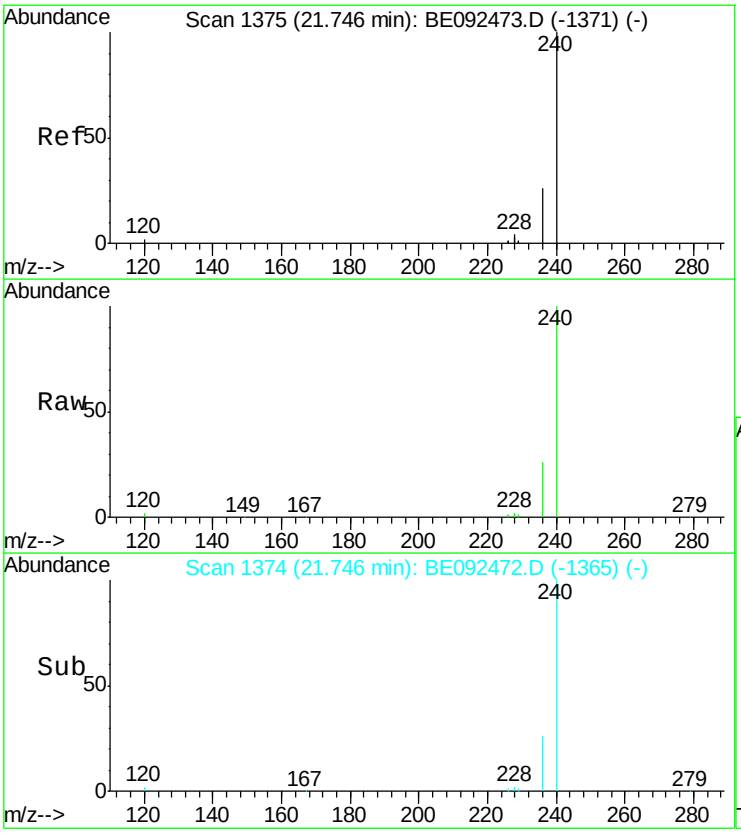
#23
Fluoranthene
Concen: 0.17 ng
RT: 19.63 min Scan# 1266
Delta R.T. 0.02 min
Lab File: BE092472.D
Acq: 25 Oct 2016 9:50

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:202 Resp: 12853

Ion	Ratio	Lower	Upper
202	100		
101	2.8	2.2	3.4
203	17.6	13.7	20.5

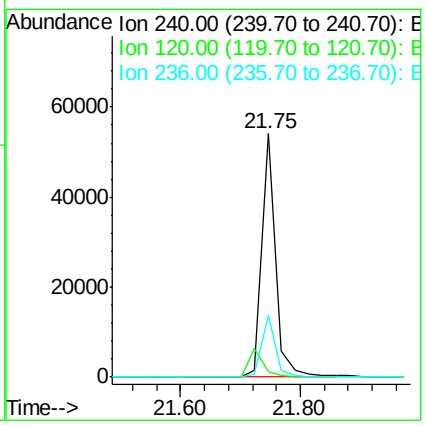


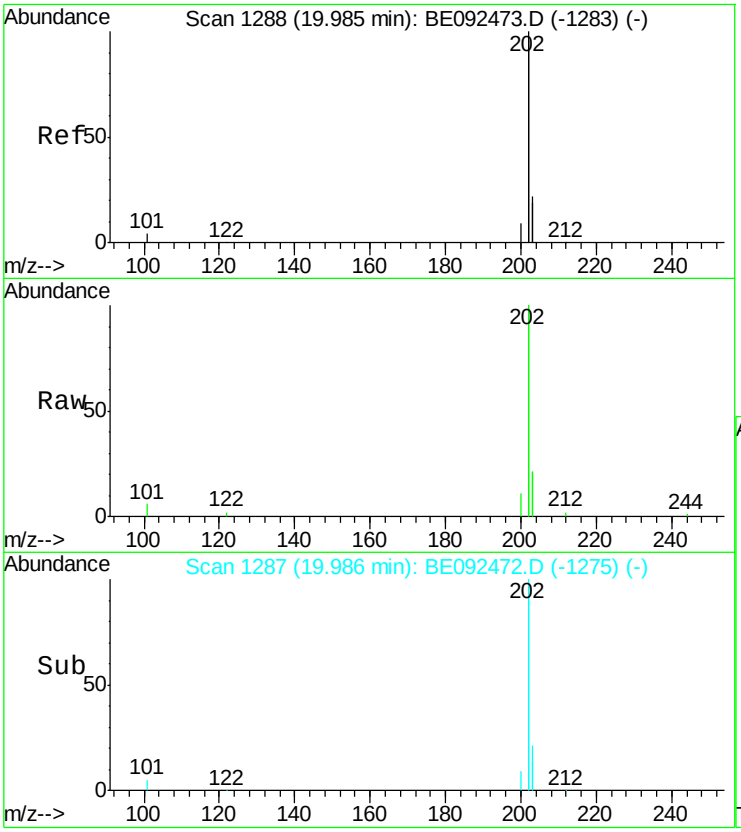


#24
Chrysene-d12
Concen: 5.00 ng
RT: 21.75 min Scan# 1374
Delta R.T. 0.00 min
Lab File: BE092472.D
Acq: 25 Oct 2016 9:50

Tgt Ion:240 Resp: 87264

Ion	Ratio	Lower	Upper
240	100		
120	2.2	2.6	4.0#
236	25.6	24.6	37.0



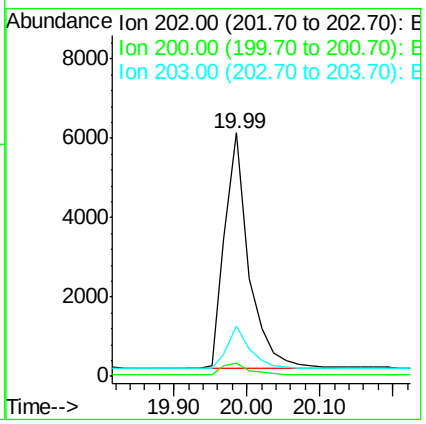


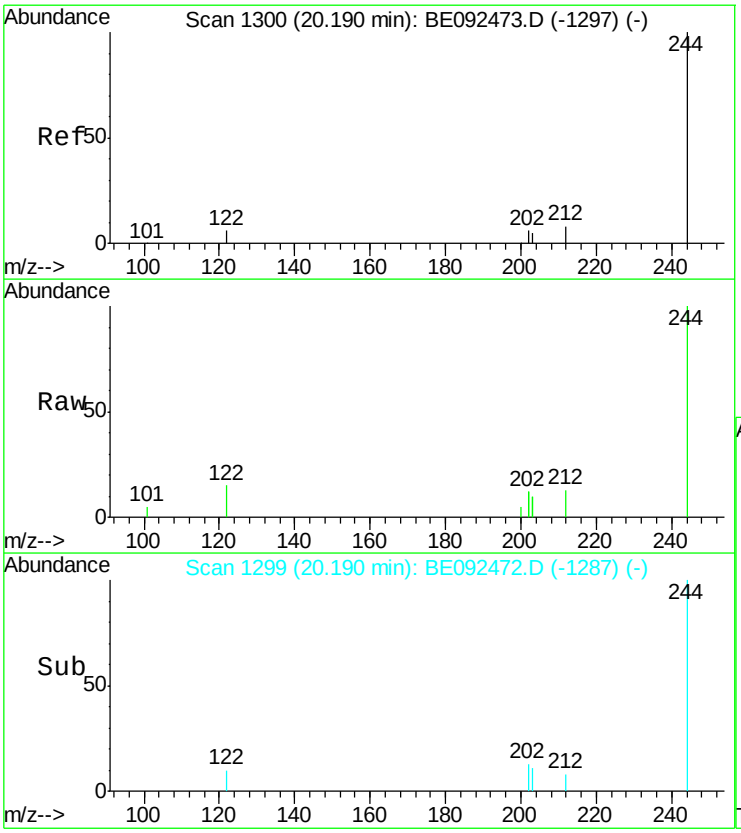
#25
Pyrene
Concen: 0.18 ng
RT: 19.99 min Scan# 1287
Delta R.T. 0.00 min
Lab File: BE092472.D
Acq: 25 Oct 2016 9:50

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:202 Resp: 13712

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

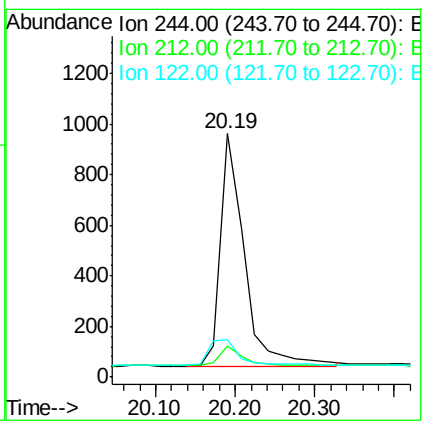


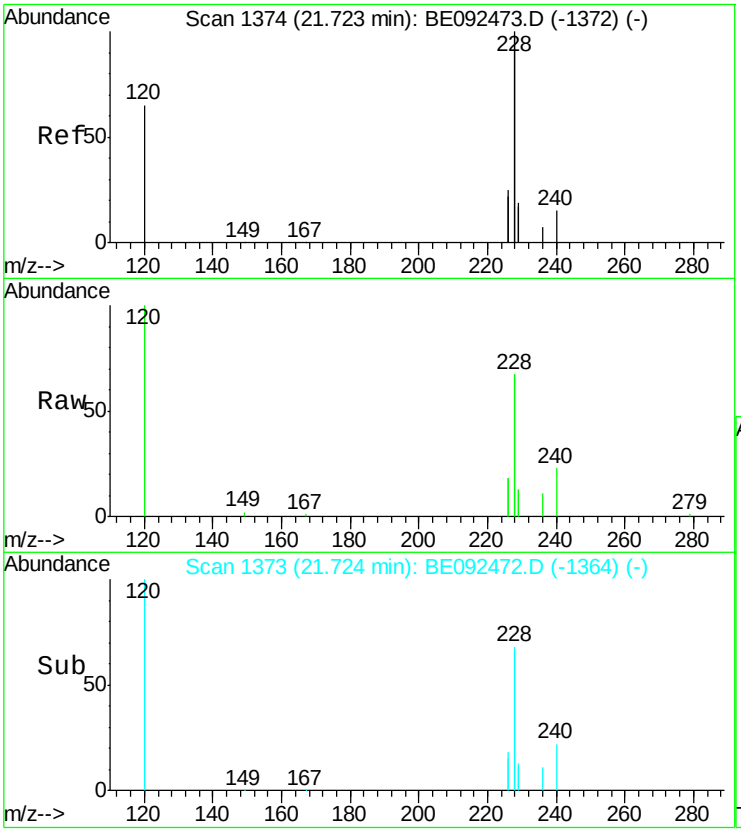


#26
Terphenyl-d14
Concen: 0.17 ng
RT: 20.19 min Scan# 1299
Delta R.T. 0.00 min
Lab File: BE092472.D
Acq: 25 Oct 2016 9:50

Tgt Ion:244 Resp: 1893

Ion	Ratio	Lower	Upper
244	100		
212	13.0	6.7	10.1#
122	15.2	3.6	5.4#



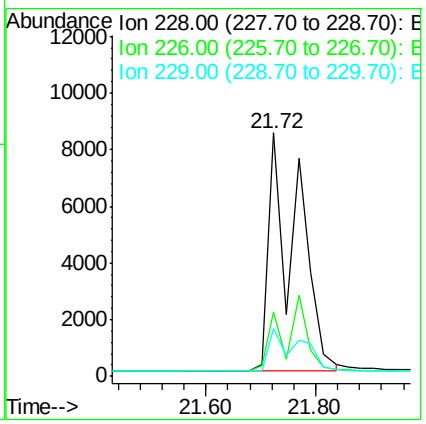


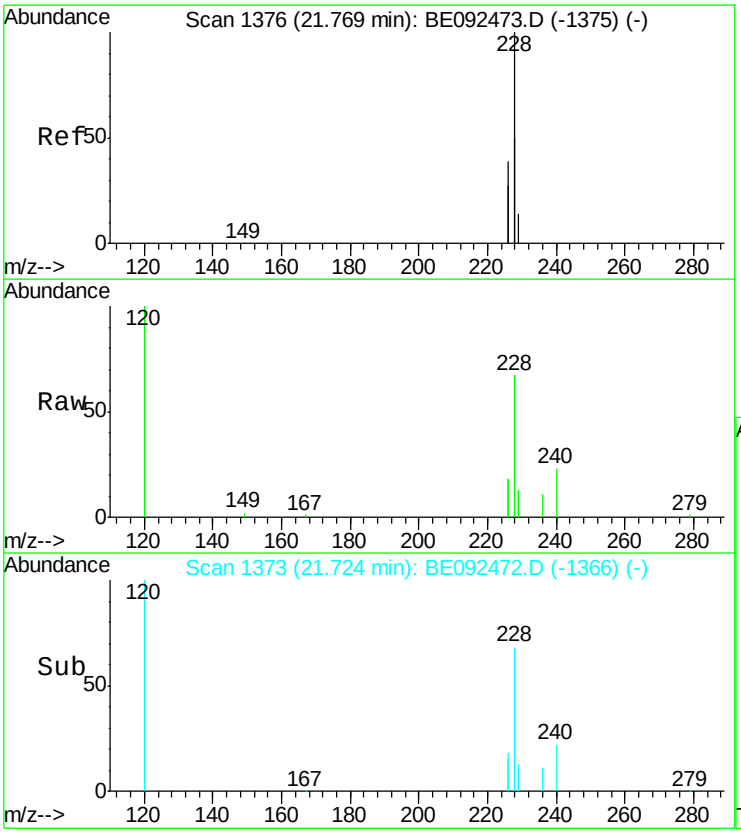
#27
Benzo(a)anthracene
Concen: 0.36 ng
RT: 21.72 min Scan# 1373
Delta R.T. 0.00 min
Lab File: BE092472.D
Acq: 25 Oct 2016 9:50

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 30642

Ion	Ratio	Lower	Upper
228	100		
226	26.3	23.6	35.4
229	19.8	13.3	19.9

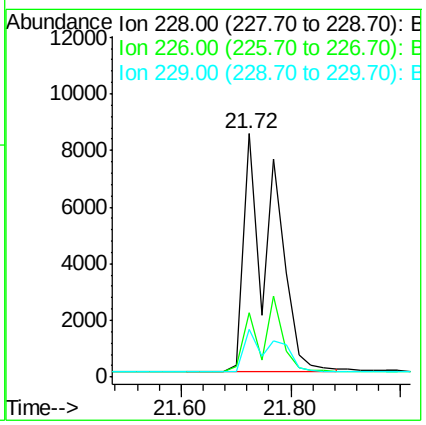


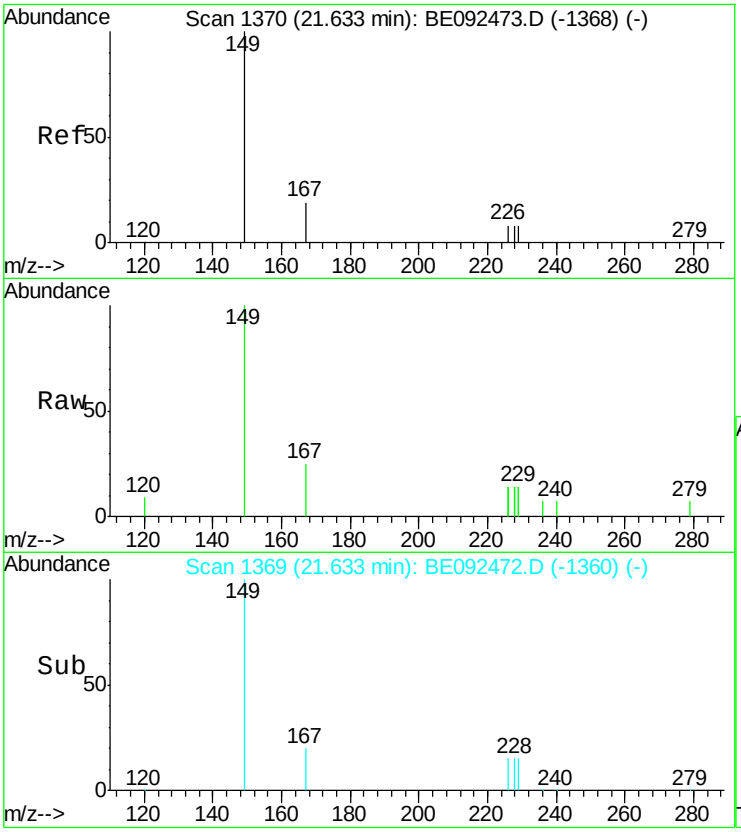


#28
Chrysene
Concen: 0.40 ng
RT: 21.72 min Scan# 1373
Delta R.T. -0.05 min
Lab File: BE092472.D
Acq: 25 Oct 2016 9:50

Tgt Ion:228 Resp: 30991

Ion	Ratio	Lower	Upper
228	100		
226	26.3	36.3	54.5#
229	19.8	10.6	16.0#



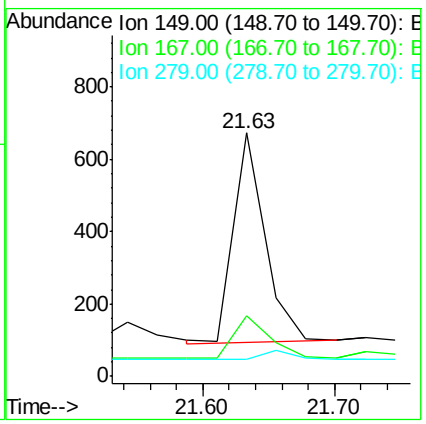


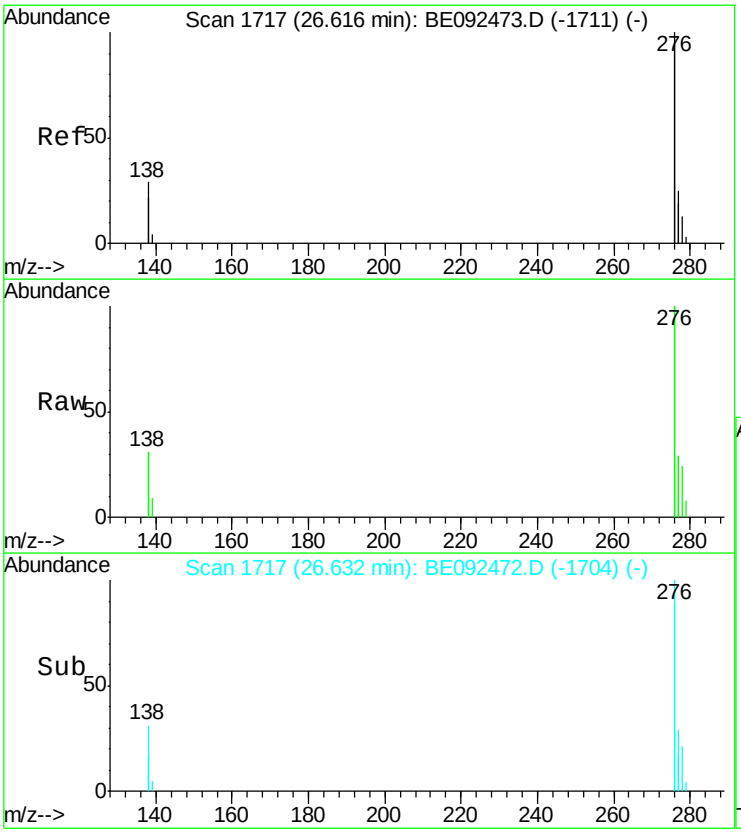
#29
Bis(2-ethylhexyl)phthalate
Concen: 0.13 ng
RT: 21.63 min Scan# 1369
Delta R.T. 0.00 min
Lab File: BE092472.D
Acq: 25 Oct 2016 9:50

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:149 Resp: 974

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

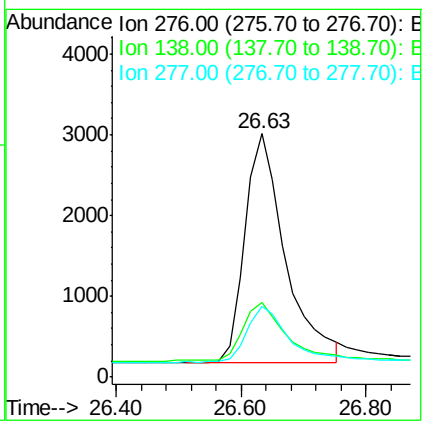


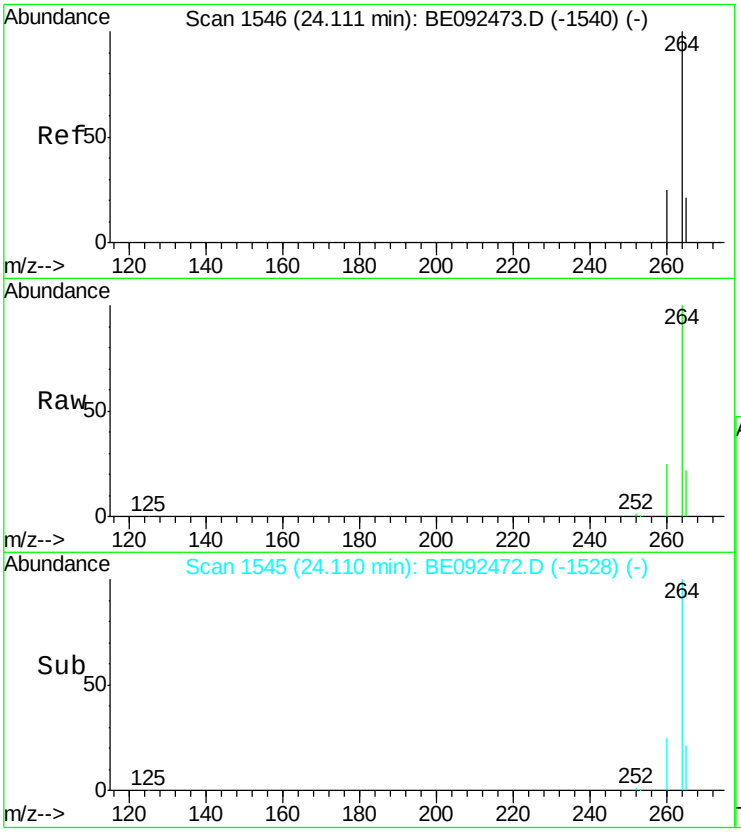


#30
Indeno(1,2,3-cd)pyrene
Concen: 0.15 ng
RT: 26.63 min Scan# 1717
Delta R.T. 0.02 min
Lab File: BE092472.D
Acq: 25 Oct 2016 9:50

Tgt Ion:276 Resp: 12796

Ion	Ratio	Lower	Upper
276	100		
138	27.4	20.3	30.5
277	24.5	19.7	29.5



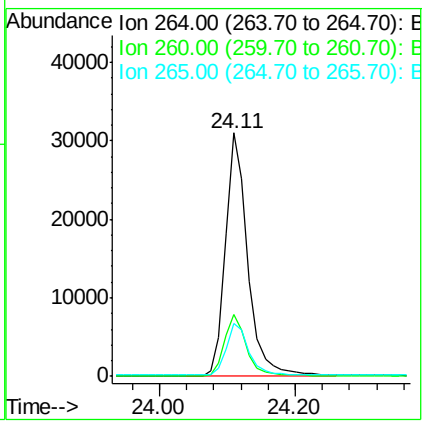


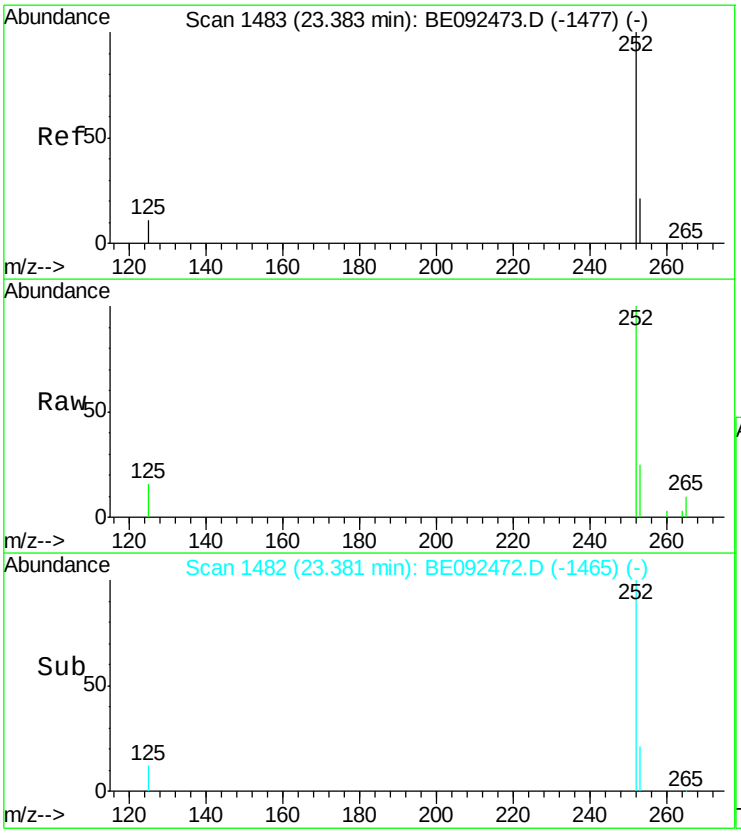
#31
Perylene-d12
Concen: 5.00 ng
RT: 24.11 min Scan# 1545
Delta R.T. -0.00 min
Lab File: BE092472.D
Acq: 25 Oct 2016 9:50

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:264 Resp: 71504

Ion	Ratio	Lower	Upper
264	100		
260	25.3	20.1	30.1
265	21.6	17.9	26.9

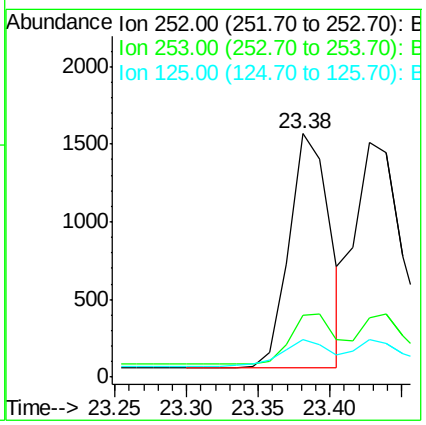


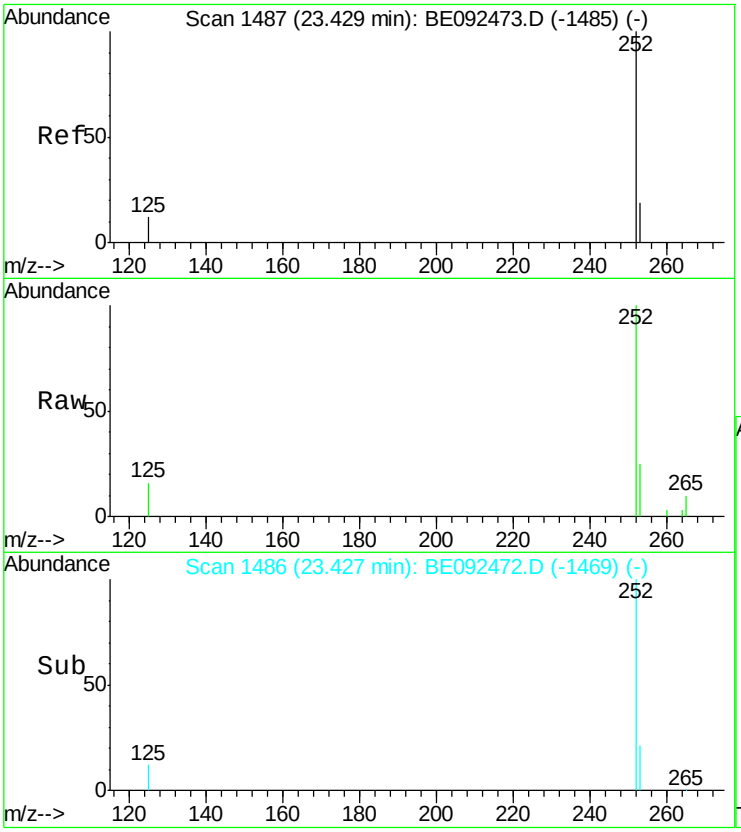


#32
Benzo(b)fluoranthene
Concen: 0.17 ng
RT: 23.38 min Scan# 1482
Delta R.T. -0.00 min
Lab File: BE092472.D
Acq: 25 Oct 2016 9:50

Tgt Ion:252 Resp: 2974

Ion	Ratio	Lower	Upper
252	100		
253	25.4	18.7	28.1
125	15.6	10.5	15.7



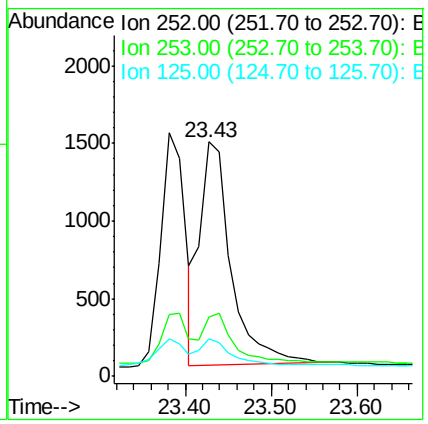


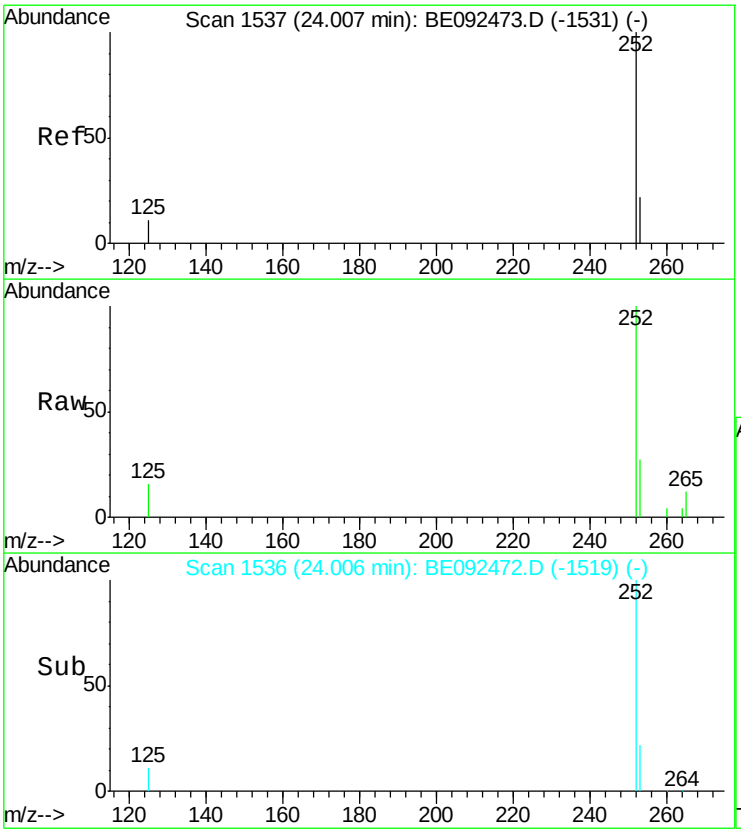
#33
Benzo(k)fluoranthene
Concen: 0.20 ng
RT: 23.43 min Scan# 1486
Delta R.T. -0.00 min
Lab File: BE092472.D
Acq: 25 Oct 2016 9:50

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 3598

Ion	Ratio	Lower	Upper
252	100		
253	25.3	20.3	30.5
125	15.8	9.6	14.4#

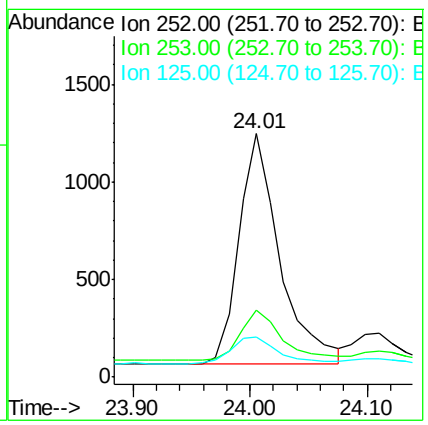


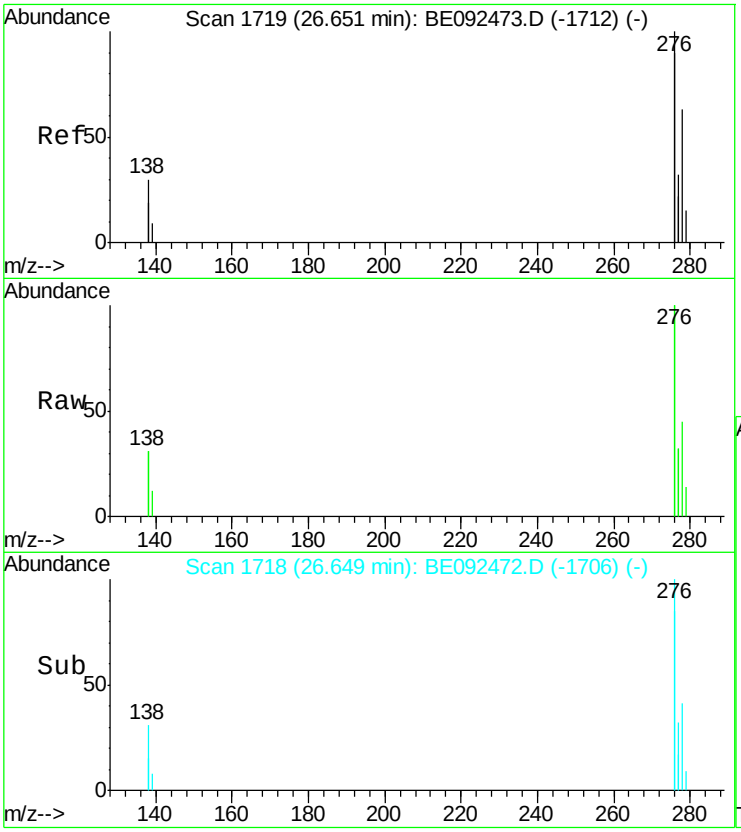


#34
Benzo(a)pyrene
Concen: 0.17 ng
RT: 24.01 min Scan# 1536
Delta R.T. -0.00 min
Lab File: BE092472.D
Acq: 25 Oct 2016 9:50

Tgt Ion:252 Resp: 2871

Ion	Ratio	Lower	Upper
252	100		
253	27.4	19.0	28.6
125	16.4	11.8	17.8



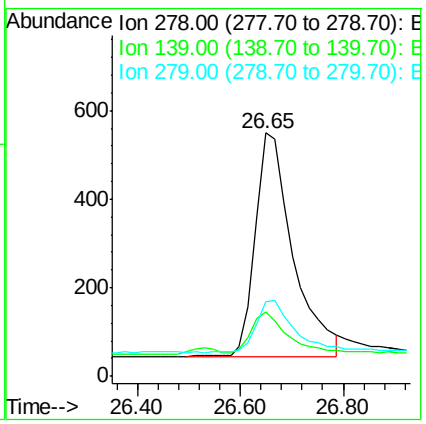


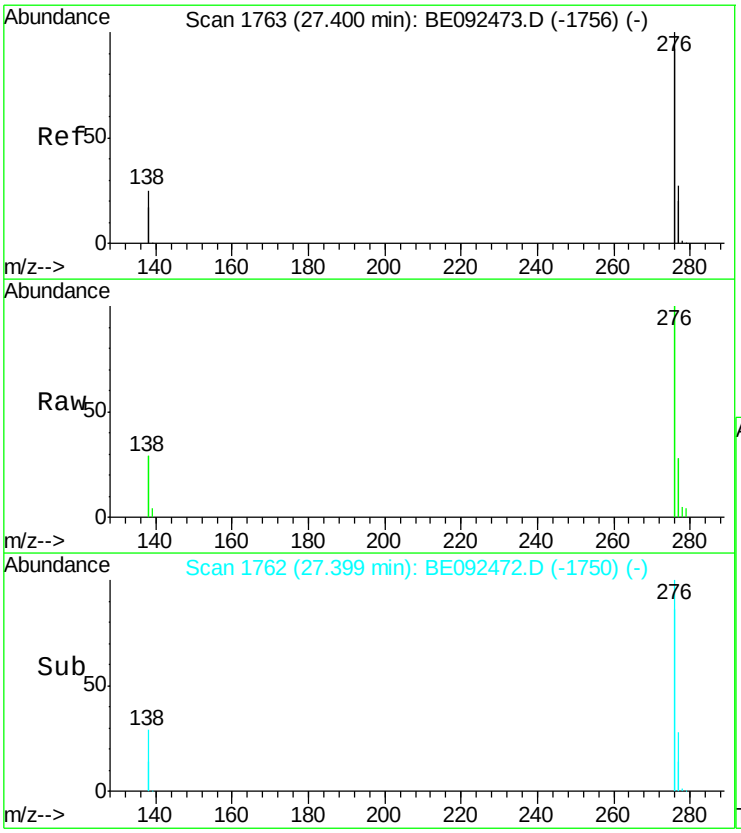
#35
Dibenzo(a,h)anthracene
Concen: 0.16 ng
RT: 26.65 min Scan# 1718
Delta R.T. -0.00 min
Lab File: BE092472.D
Acq: 25 Oct 2016 9:50

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:278 Resp: 2533

Ion	Ratio	Lower	Upper
278	100		
139	26.4	13.8	20.8#
279	30.4	21.4	32.2





#36
Benzo(g,h,i)perylene
Concen: 0.18 ng
RT: 27.40 min Scan# 1762
Delta R.T. -0.00 min
Lab File: BE092472.D
Acq: 25 Oct 2016 9:50

Tgt Ion:276 Resp: 11806

Ion	Ratio	Lower	Upper
276	100		
277	28.2	19.8	29.8
138	28.5	19.8	29.6