Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE120916\
Data File : BE092598.D
Acq On : 9 Dec 2016 17:56
Operator : UM/SJ
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDCCC0.4EC

Quant Time: Dec 09 23:08:59 2016
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE111616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 16 15:43:18 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	8747	5.00	ng		-0.02
7) Naphthalene-d8	10.93	136	42609	5.00	ng		0.00
12) Acenaphthene-d10	14.80	164	30538	5.00	ng		0.00
18) Phenanthrene-d10	17.56	188	67170	5.00	ng		0.00
24) Chrysene-d12	21.72	240	94030	5.00	ng		0.00
31) Perylene-d12	24.08	264	78856	5.00	ng		-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.67	112	491	0.33	ng		0.00
5) Phenol-d6	7.36	99	757	0.42	ng		0.00
8) Nitrobenzene-d5	9.20	82	106	0.12	ng		-0.16
13) 2,4,6-Tribromophenol	16.31	330	267	0.39	ng		0.00
14) 2-Fluorobiphenyl	13.42	172	2979	0.40	ng		-0.01
26) Terphenyl-d14	20.17	244	4201	0.39	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.39	88	571	0.45	ng		89
3) n-Nitrosodimethylamine	3.78	42	425	0.46	ng	#	98
6) bis(2-Chloroethyl)ether	7.59	93	791	0.33	ng	#	85
9) Naphthalene	10.97	128	3567	0.41	ng		96
10) Hexachlorobutadiene	11.26	225	553	0.41	ng		99
11) 2-Methylnaphthalene	12.62	142	2225	0.40	ng		96
15) Acenaphthylene	14.51	152	16648	0.39	ng		100
16) Acenaphthene	14.85	154	2788	0.40	ng		94
17) Fluorene	15.84	166	3468	0.40	ng		99
19) Hexachlorobenzene	16.87	284	1308	0.49	ng	#	63
20) Pentachlorophenol	17.23	266	217	0.52	ng		95
21) Phenanthrene	17.58	178	6522	0.43	ng		96
22) Anthracene	17.70	178	5816	0.41	ng		99
23) Fluoranthene	19.59	202	28603	0.41	ng		99
25) Pyrene	19.95	202	29814	0.40	ng		100
27) Benzo(a)anthracene	21.70	228	66605	0.83	ng		92
28) Chrysene	21.70	228	66967	0.84	ng	#	72
29) Bis(2-ethylhexyl)phthalate	21.61	149	2574	0.53	ng	#	76
30) Indeno(1,2,3-cd)pyrene	26.56	276	32238	0.41	ng		98
32) Benzo(b)fluoranthene	23.35	252	6990	0.37	ng		99
33) Benzo(k)fluoranthene	23.39	252	8025	0.40	ng		96
34) Benzo(a)pyrene	23.96	252	6846	0.39	ng		99
35) Dibenzo(a,h)anthracene	26.58	278	6460	0.37	ng		98
36) Benzo(g,h,i)perylene	27.33	276	27807	0.37	ng		97

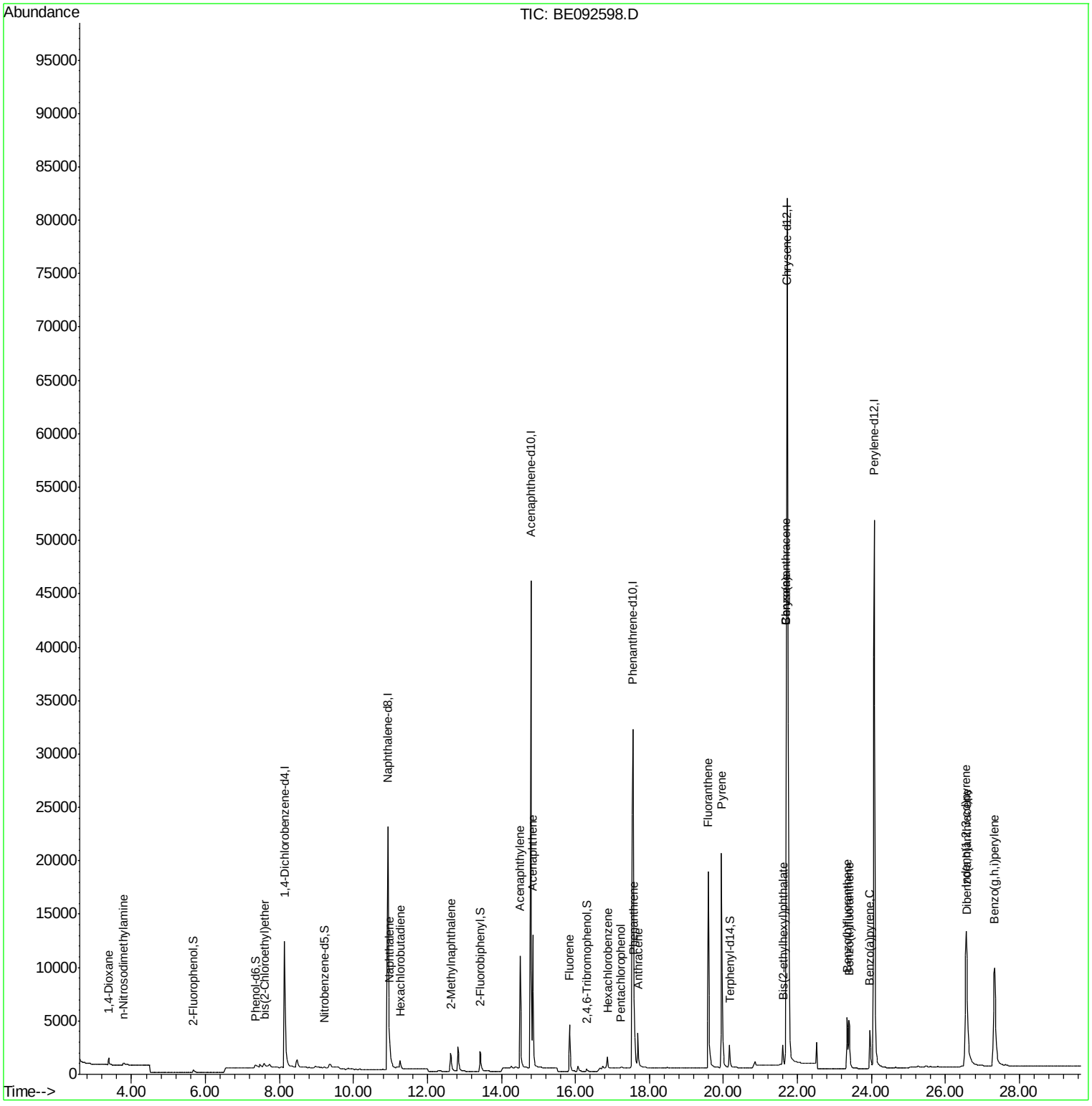
(#) = qualifier out of range (m) = manual integration (+) = signals summed

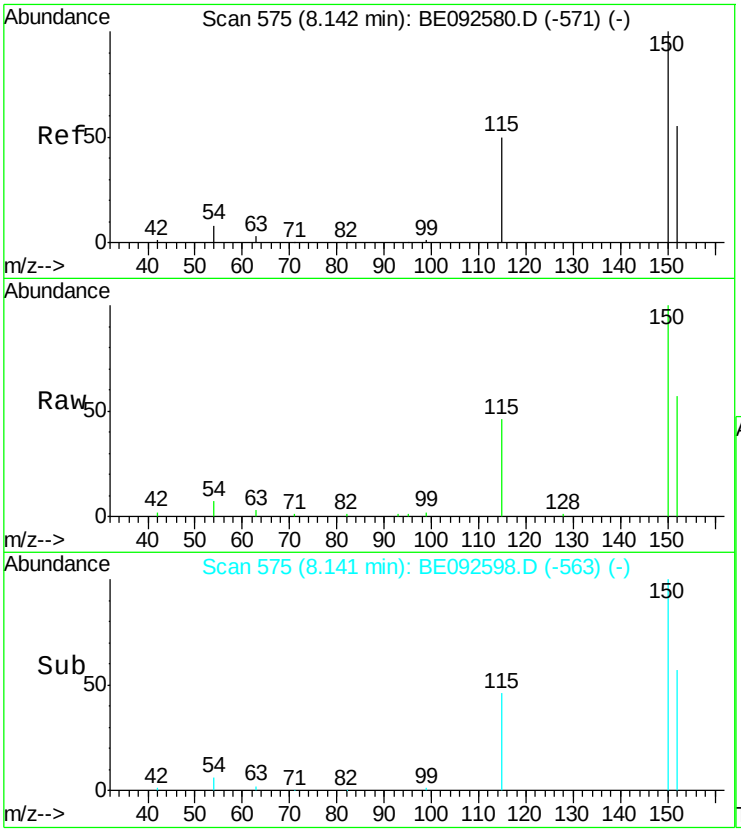
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE120916\
Data File : BE092598.D
Acq On : 9 Dec 2016 17:56
Operator : UM/SJ
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Quant Time: Dec 09 23:08:59 2016
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE111616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 16 15:43:18 2016
Response via : Initial Calibration



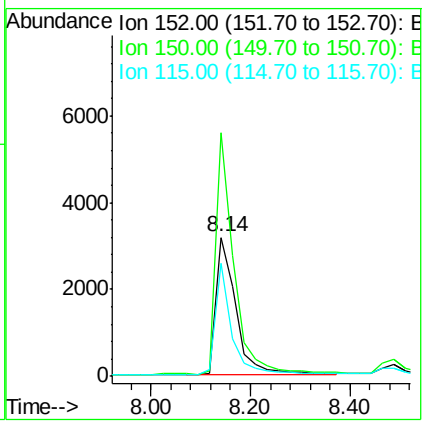


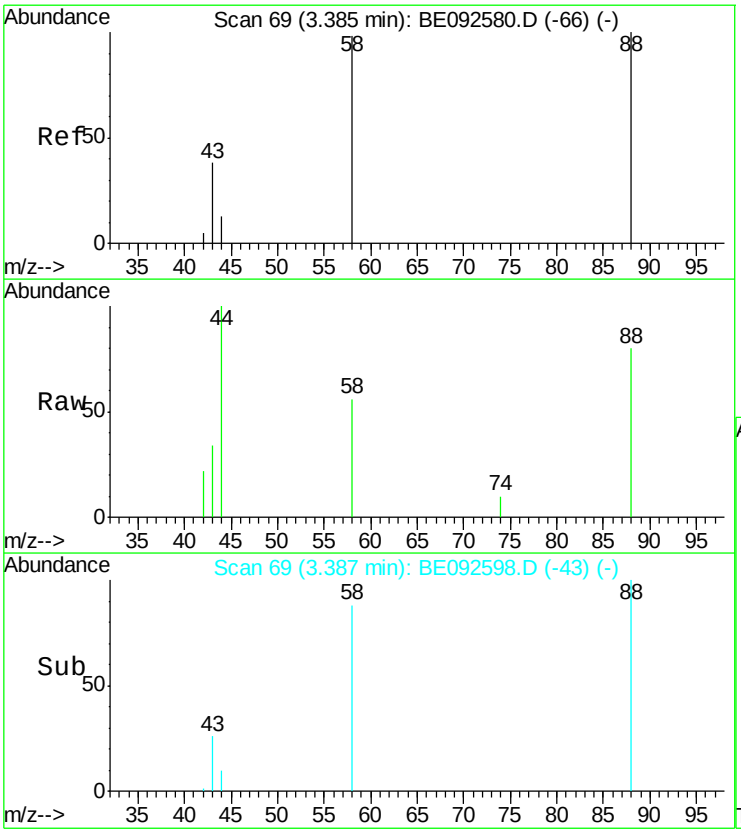
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 8.14 min Scan# 575
Delta R.T. -0.02 min
Lab File: BE092598.D
Acq: 9 Dec 2016 17:56

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:152 Resp: 8747

Ion	Ratio	Lower	Upper
152	100		
150	175.1	106.0	159.0#
115	80.9	31.2	46.8#

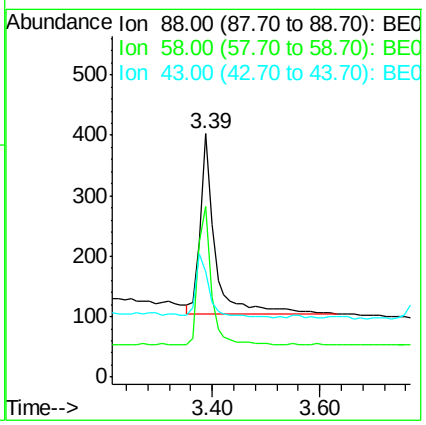


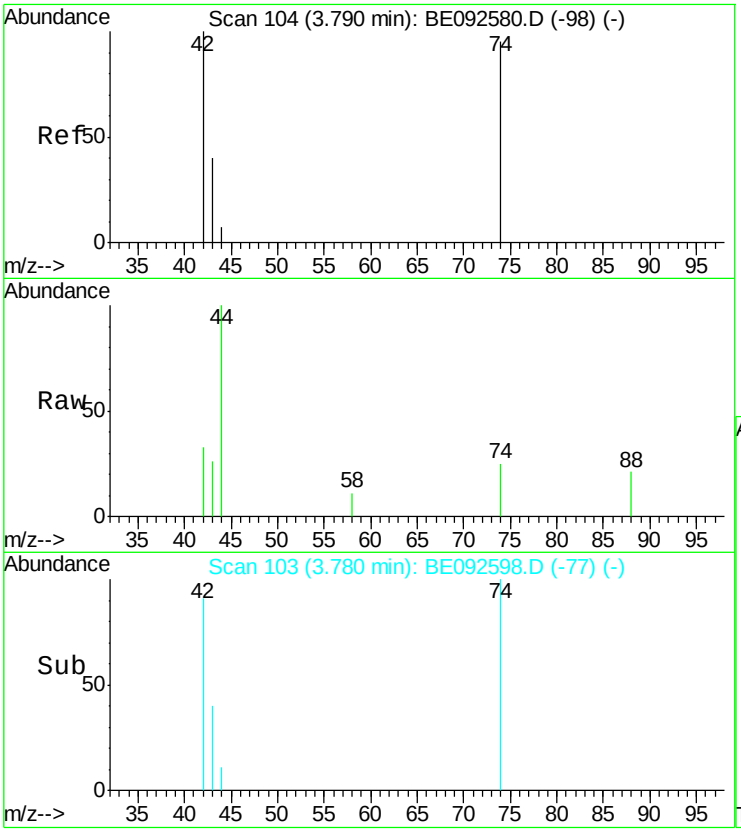


#2
1,4-Dioxane
Concen: 0.45 ng
RT: 3.39 min Scan# 69
Delta R.T. 0.00 min
Lab File: BE092598.D
Acq: 9 Dec 2016 17:56

Tgt Ion: 88 Resp: 571

Ion	Ratio	Lower	Upper
88	100		
58	68.8	63.6	95.4
43	31.0	28.0	42.0



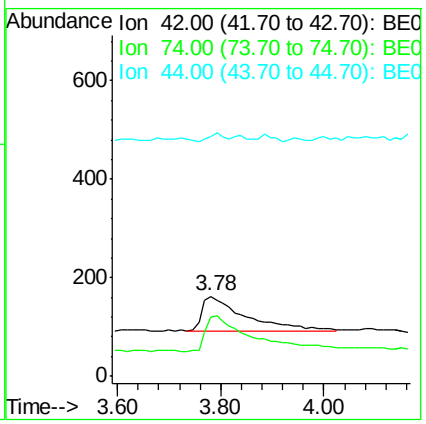


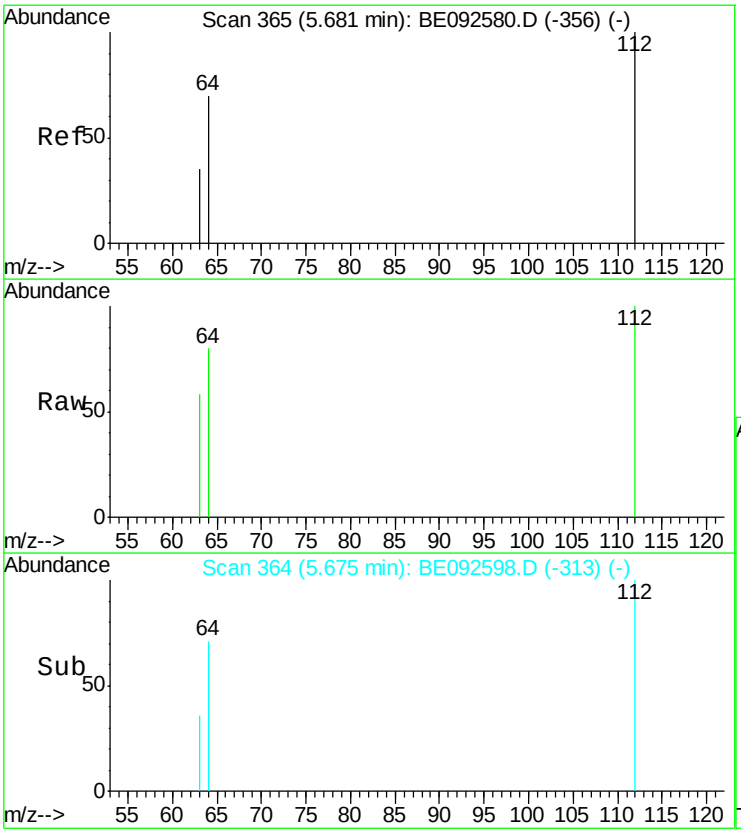
#3
n-Nitrosodimethylamine
Concen: 0.46 ng
RT: 3.78 min Scan# 103
Delta R.T. 0.00 min
Lab File: BE092598.D
Acq: 9 Dec 2016 17:56

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion: 42 Resp: 425

Ion	Ratio	Lower	Upper
42	100		
74	105.9	86.0	129.0
44	8.7	5.1	7.7#

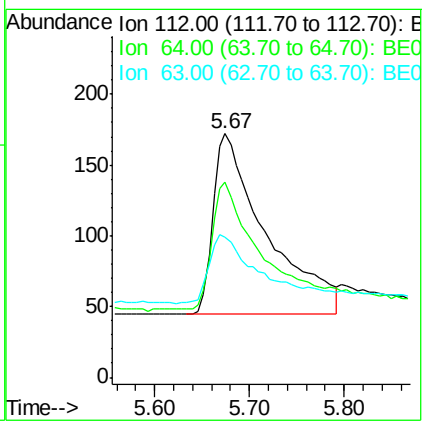


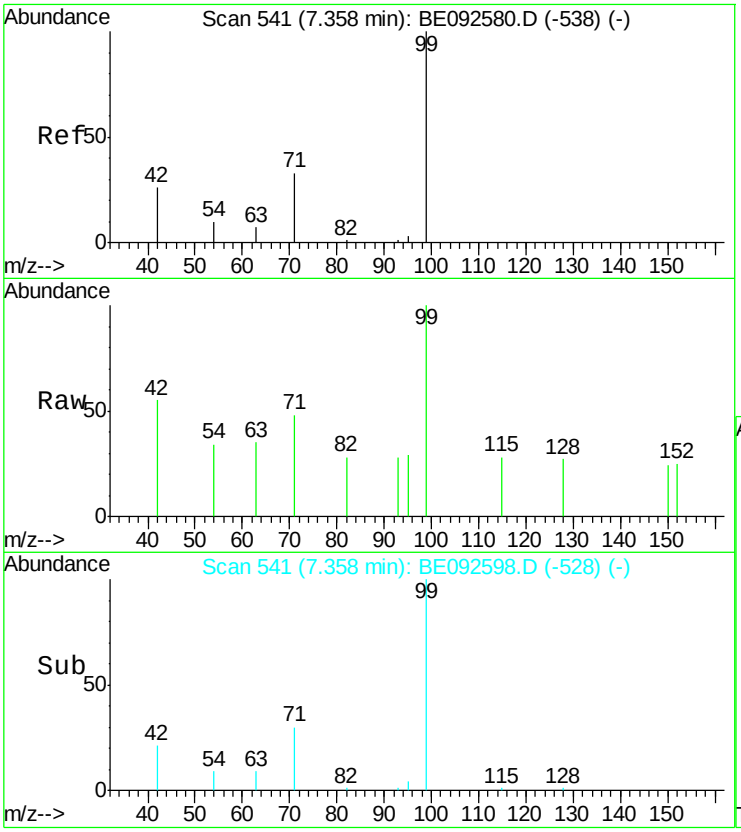


#4
2-Fluorophenol
Concen: 0.33 ng
RT: 5.67 min Scan# 364
Delta R.T. -0.00 min
Lab File: BE092598.D
Acq: 9 Dec 2016 17:56

Tgt Ion:112 Resp: 491

Ion	Ratio	Lower	Upper
112	100		
64	81.1	53.5	80.3#
63	46.4	27.9	41.9#



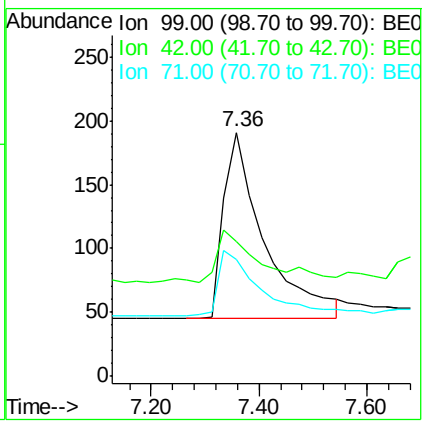


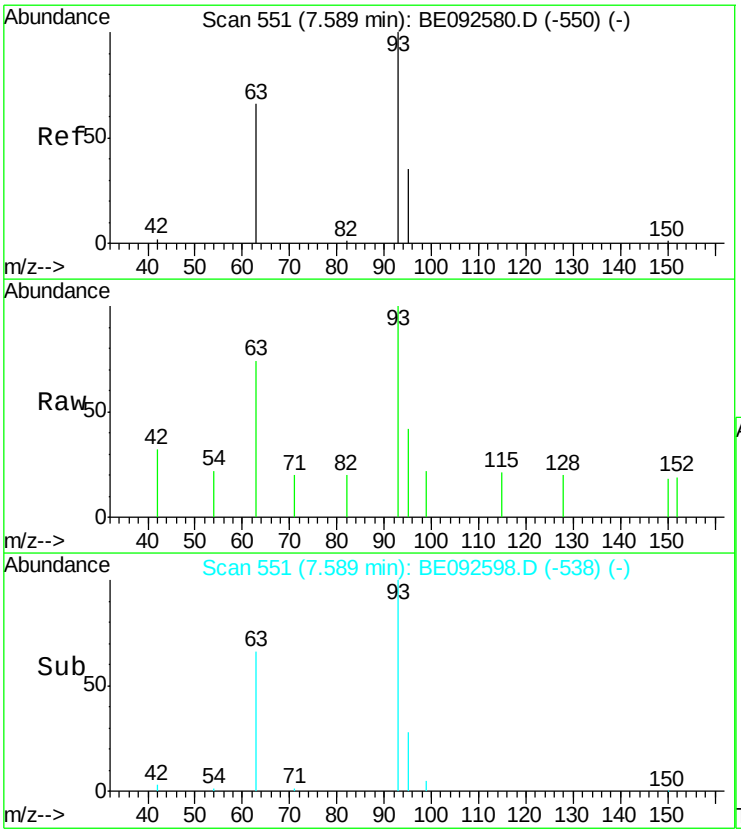
#5
Phenol-d6
Concen: 0.42 ng
RT: 7.36 min Scan# 541
Delta R.T. 0.00 min
Lab File: BE092598.D
Acq: 9 Dec 2016 17:56

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion: 99 Resp: 757

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

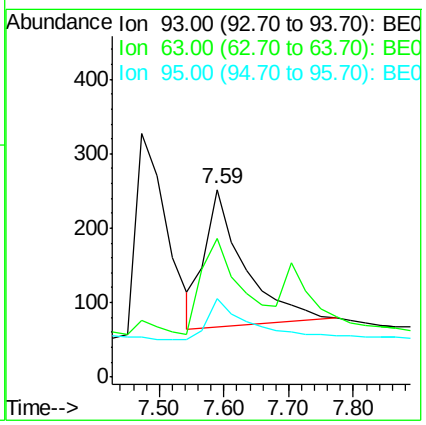


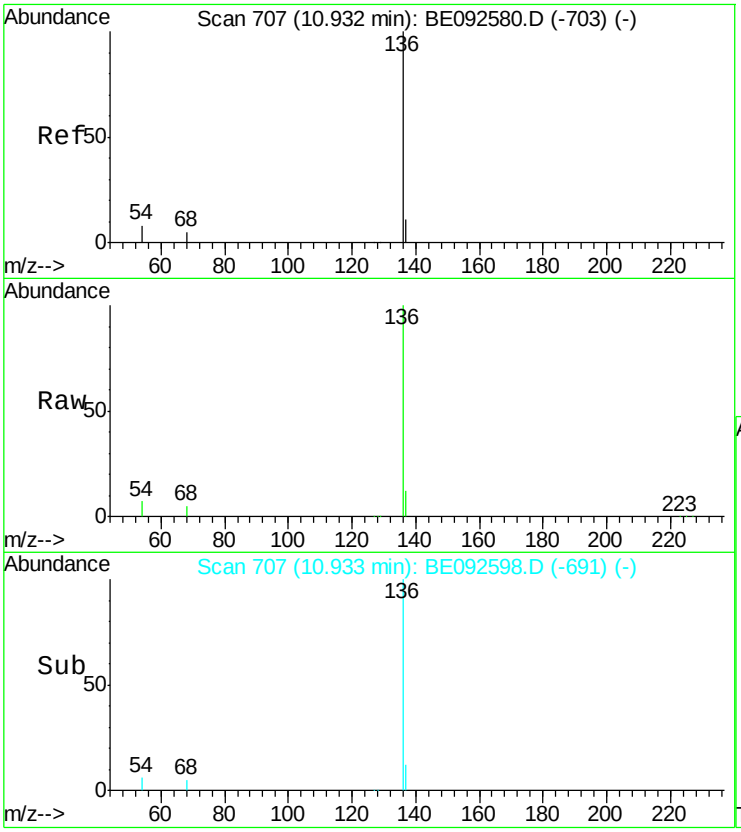


#6
bis(2-Chloroethyl)ether
Concen: 0.33 ng
RT: 7.59 min Scan# 551
Delta R.T. 0.00 min
Lab File: BE092598.D
Acq: 9 Dec 2016 17:56

Tgt Ion: 93 Resp: 791

Ion	Ratio	Lower	Upper
93	100		
63	71.4	71.6	107.4#
95	31.1	24.0	36.0



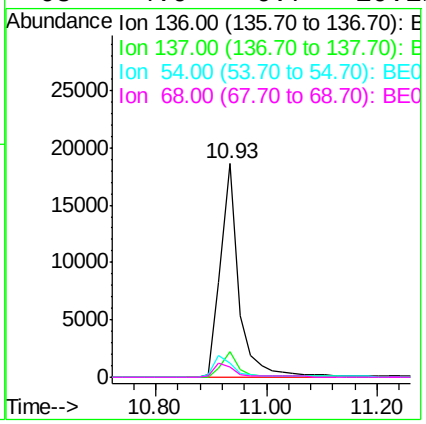


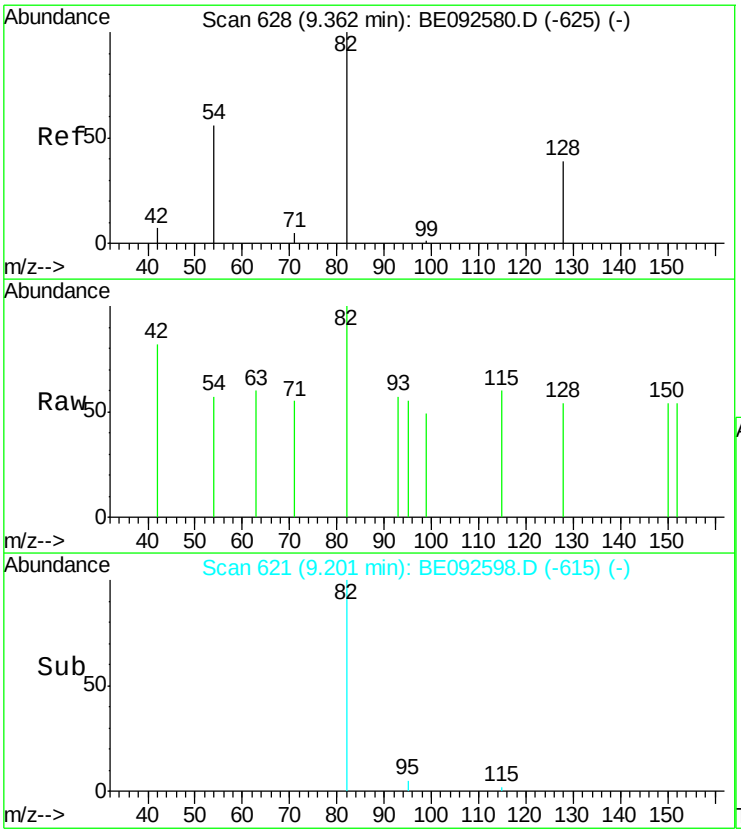
#7
Naphthalene-d8
Concen: 5.00 ng
RT: 10.93 min Scan# 707
Delta R.T. -0.00 min
Lab File: BE092598.D
Acq: 9 Dec 2016 17:56

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:136 Resp: 42609

Ion	Ratio	Lower	Upper
136	100		
137	11.8	8.2	12.4
54	6.5	9.6	14.4#
68	4.9	6.7	10.1#

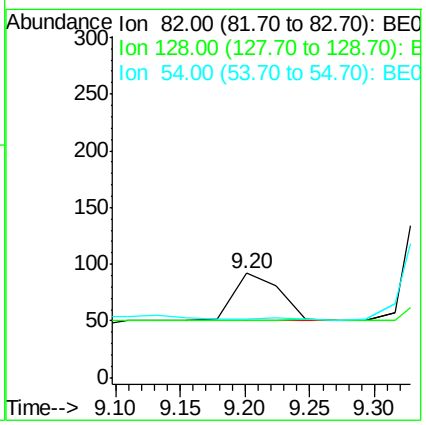


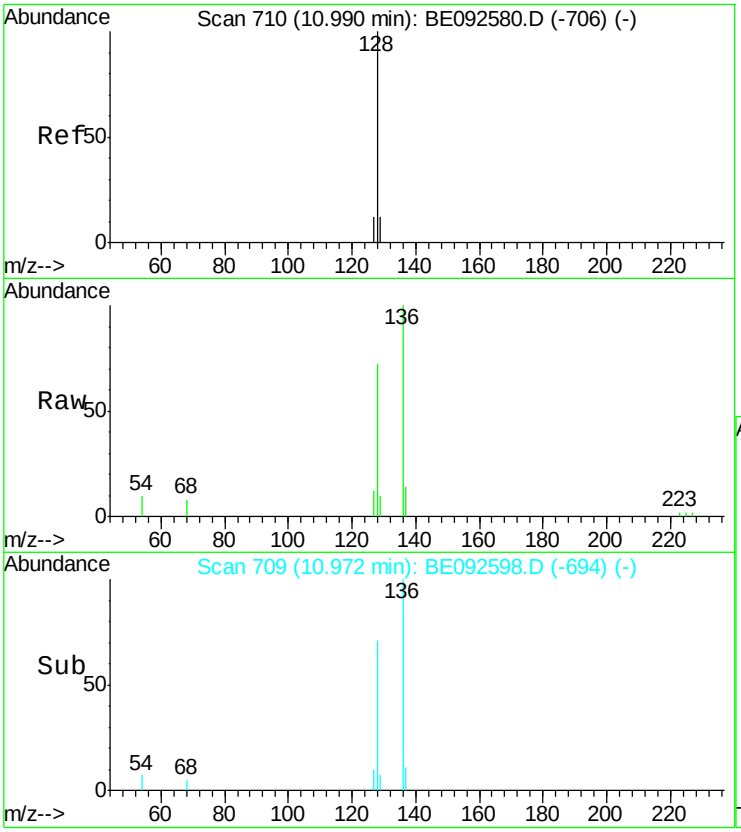


#8
Nitrobenzene-d5
Concen: 0.12 ng
RT: 9.20 min Scan# 621
Delta R.T. -0.16 min
Lab File: BE092598.D
Acq: 9 Dec 2016 17:56

Tgt Ion: 82 Resp: 106

Ion	Ratio	Lower	Upper
82	100		
128	54.3	39.0	58.4
54	56.5	44.8	67.2



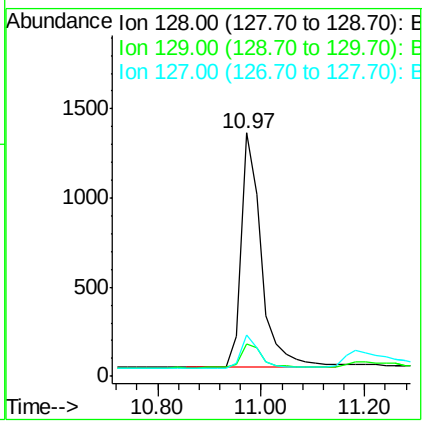


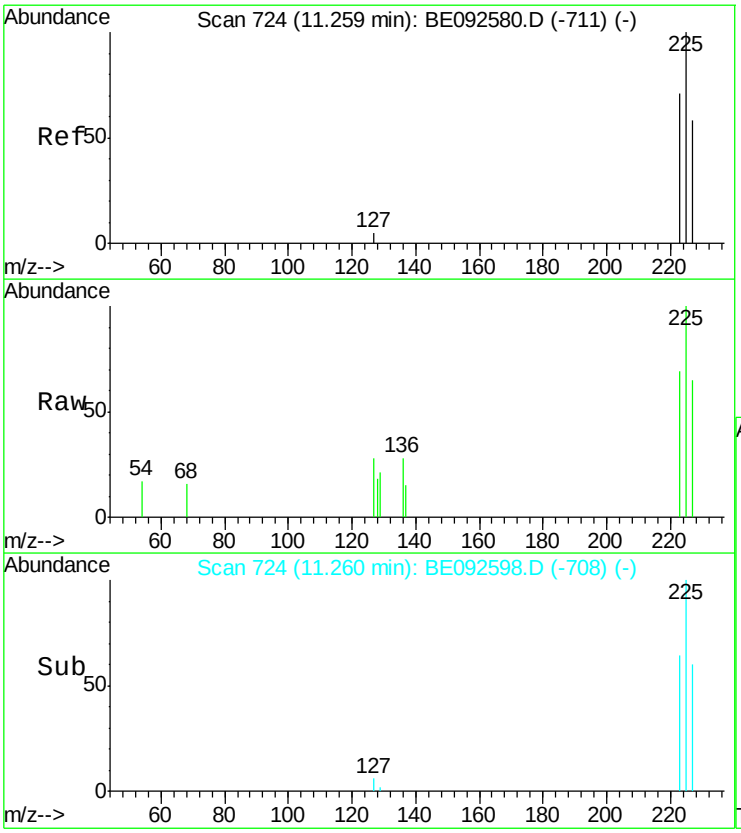
#9
Naphthalene
Concen: 0.41 ng
RT: 10.97 min Scan# 709
Delta R.T. -0.02 min
Lab File: BE092598.D
Acq: 9 Dec 2016 17:56

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:128 Resp: 3567

Ion	Ratio	Lower	Upper
128	100		
129	13.4	11.2	16.8
127	16.8	11.6	17.4

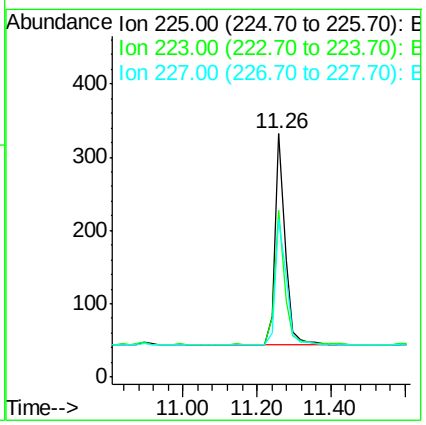


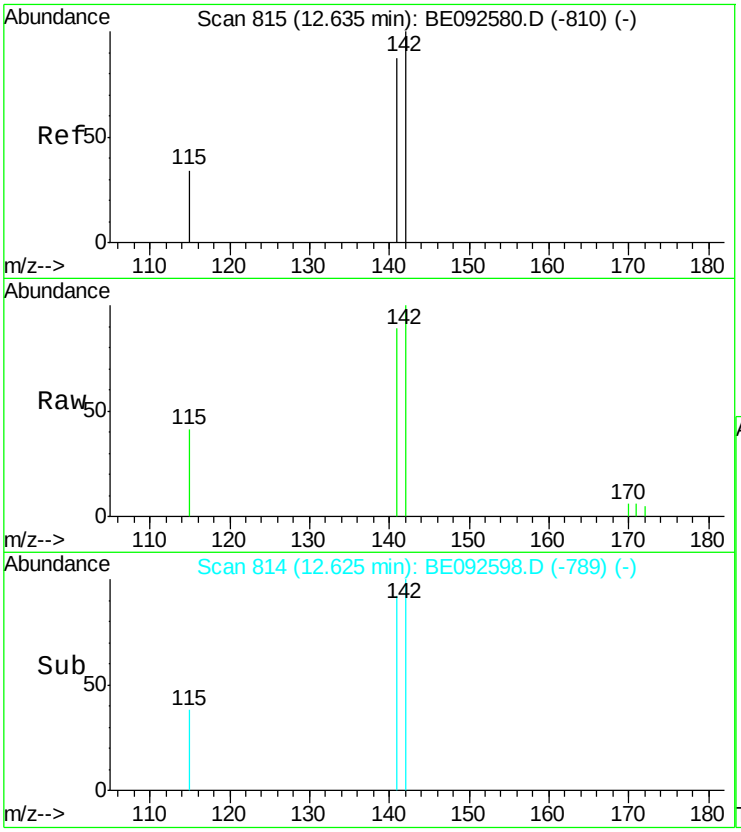


#10
Hexachlorobutadiene
Concen: 0.41 ng
RT: 11.26 min Scan# 724
Delta R.T. -0.00 min
Lab File: BE092598.D
Acq: 9 Dec 2016 17:56

Tgt Ion:225 Resp: 553

Ion	Ratio	Lower	Upper
225	100		
223	62.4	50.6	76.0
227	63.7	51.4	77.0



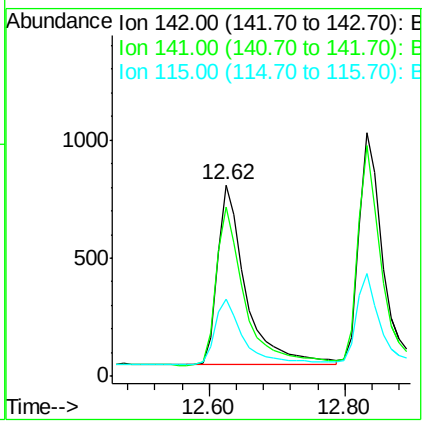


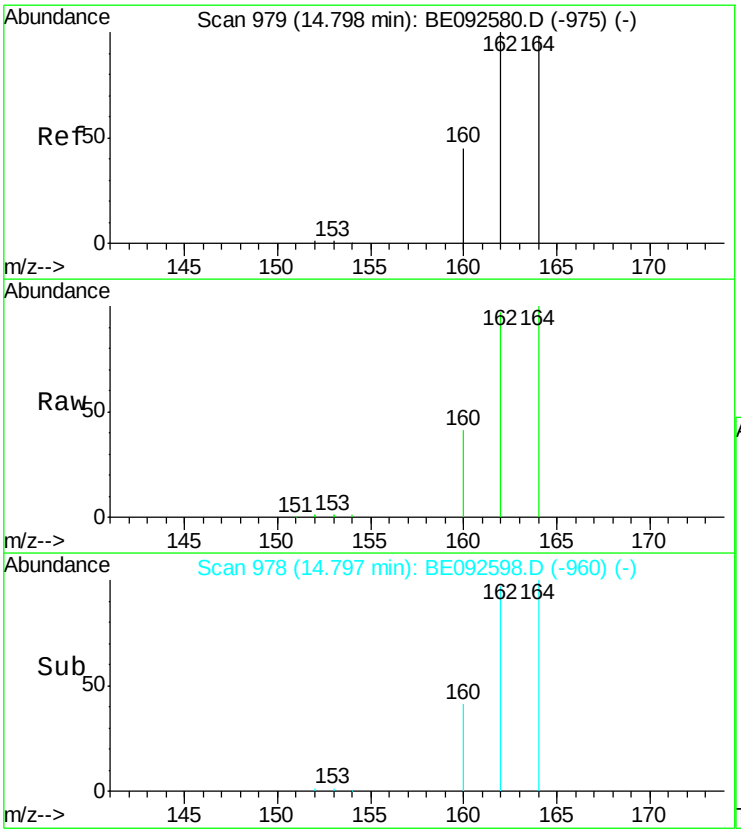
#11
2-Methylnaphthalene
Concen: 0.40 ng
RT: 12.62 min Scan# 814
Delta R.T. -0.01 min
Lab File: BE092598.D
Acq: 9 Dec 2016 17:56

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:142 Resp: 2225

Ion	Ratio	Lower	Upper
142	100		
141	88.5	73.7	110.5
115	40.6	34.0	51.0

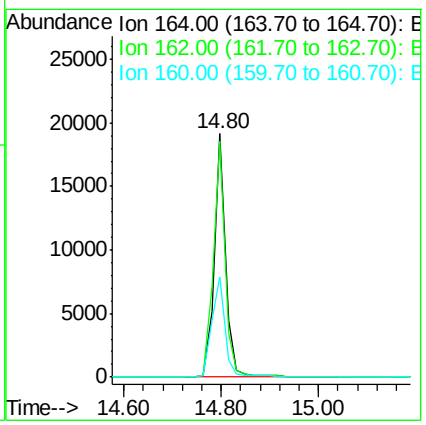


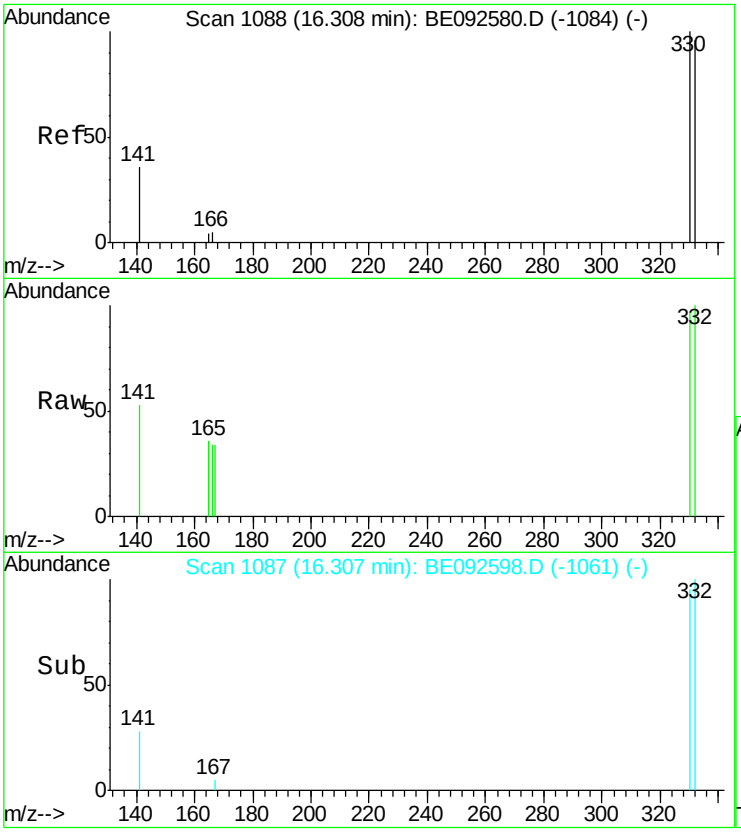


#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.80 min Scan# 978
Delta R.T. -0.00 min
Lab File: BE092598.D
Acq: 9 Dec 2016 17:56

Tgt Ion:164 Resp: 30538

Ion	Ratio	Lower	Upper
164	100		
162	97.1	71.4	107.0
160	41.3	27.4	41.2#



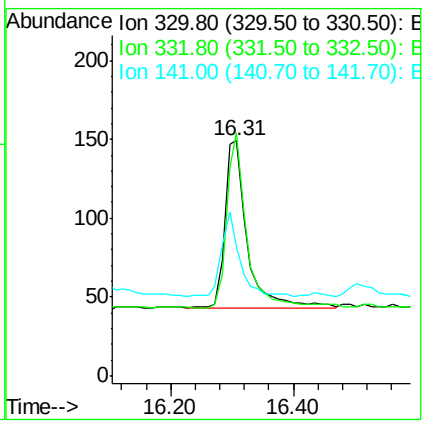


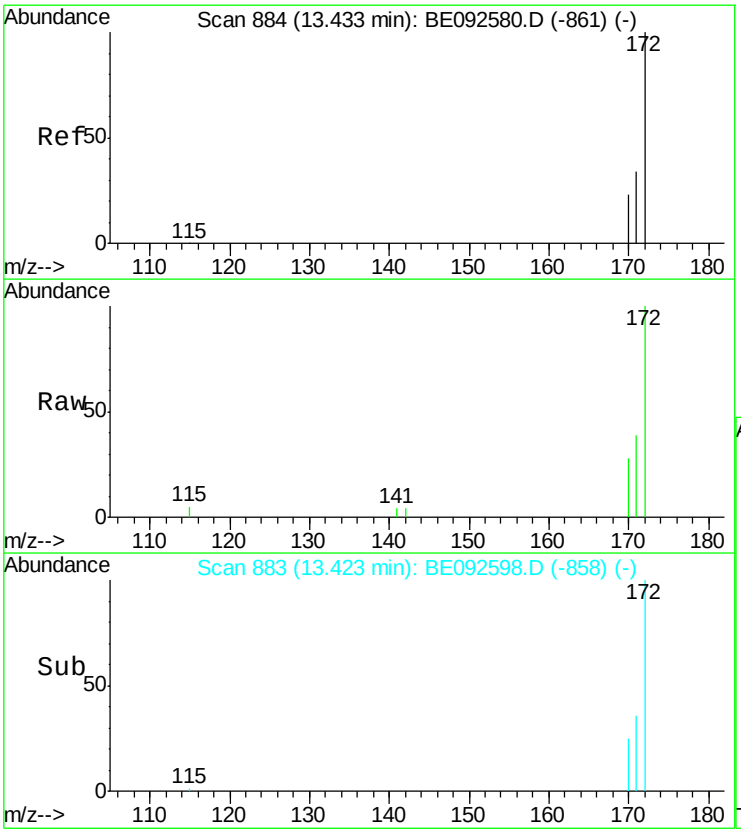
#13
2,4,6-Tribromophenol
Concen: 0.39 ng
RT: 16.31 min Scan# 1087
Delta R.T. -0.00 min
Lab File: BE092598.D
Acq: 9 Dec 2016 17:56

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:330 Resp: 267

Ion	Ratio	Lower	Upper
330	100		
332	92.5	75.4	113.0
141	42.3	31.0	46.6

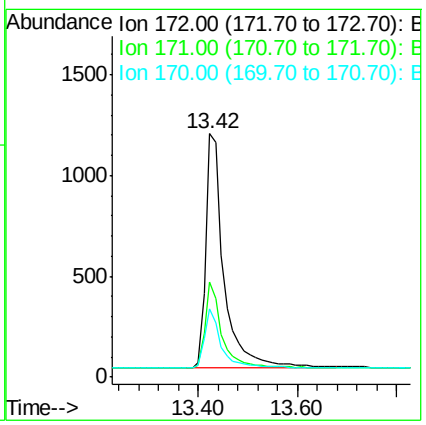


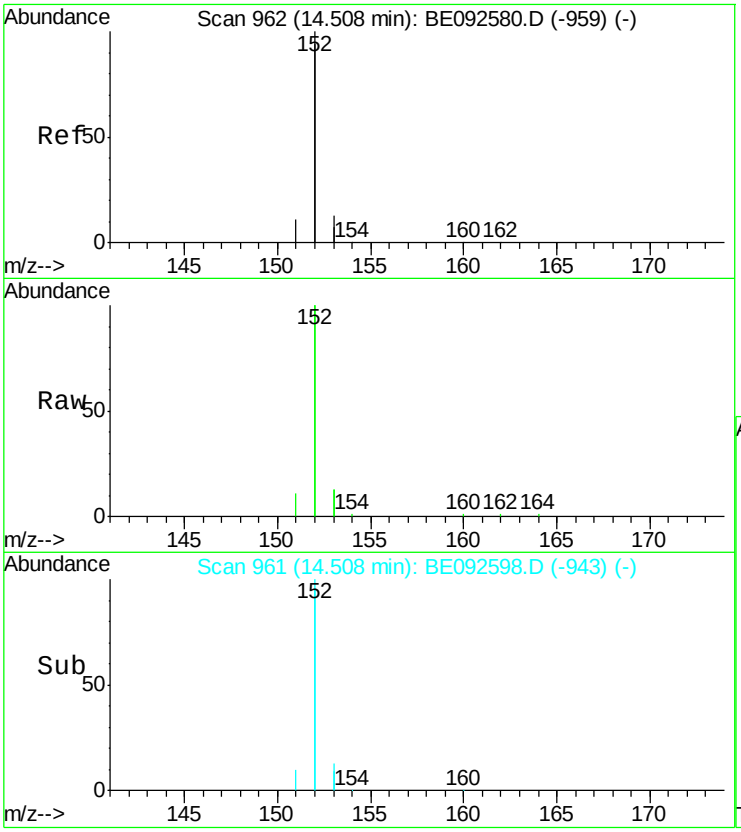


#14
2-Fluorobiphenyl
Concen: 0.40 ng
RT: 13.42 min Scan# 883
Delta R.T. -0.01 min
Lab File: BE092598.D
Acq: 9 Dec 2016 17:56

Tgt Ion:172 Resp: 2979

Ion	Ratio	Lower	Upper
172	100		
171	38.8	30.1	45.1
170	27.9	21.8	32.6



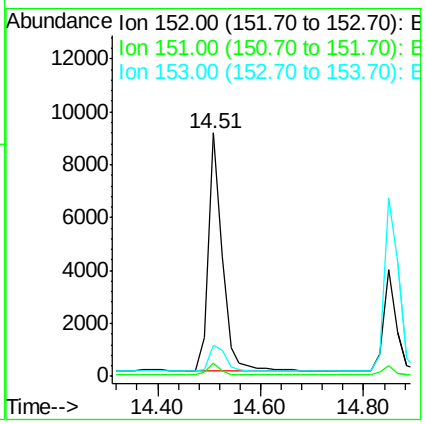


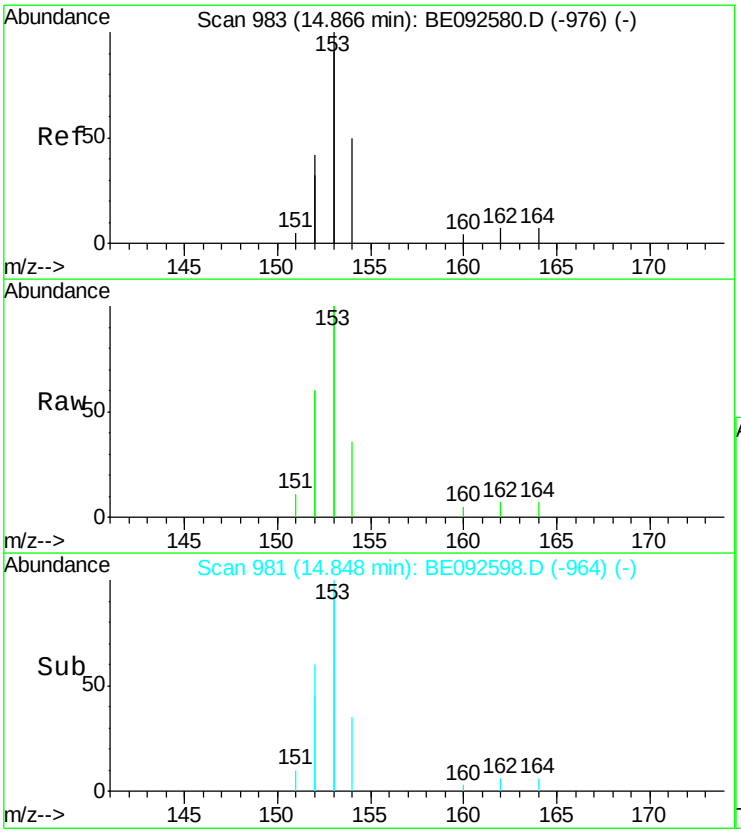
#15
Acenaphthylene
Concen: 0.39 ng
RT: 14.51 min Scan# 961
Delta R.T. -0.00 min
Lab File: BE092598.D
Acq: 9 Dec 2016 17:56

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:152 Resp: 16648

Ion	Ratio	Lower	Upper
152	100		
151	4.9	3.9	5.9
153	13.2	10.4	15.6

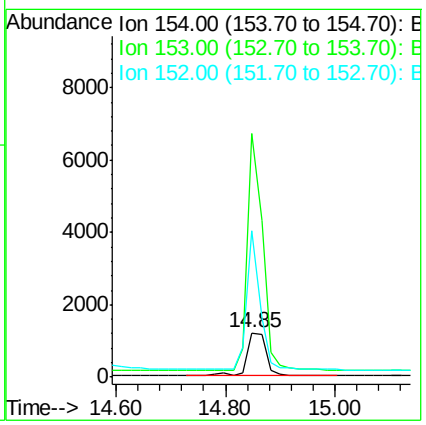


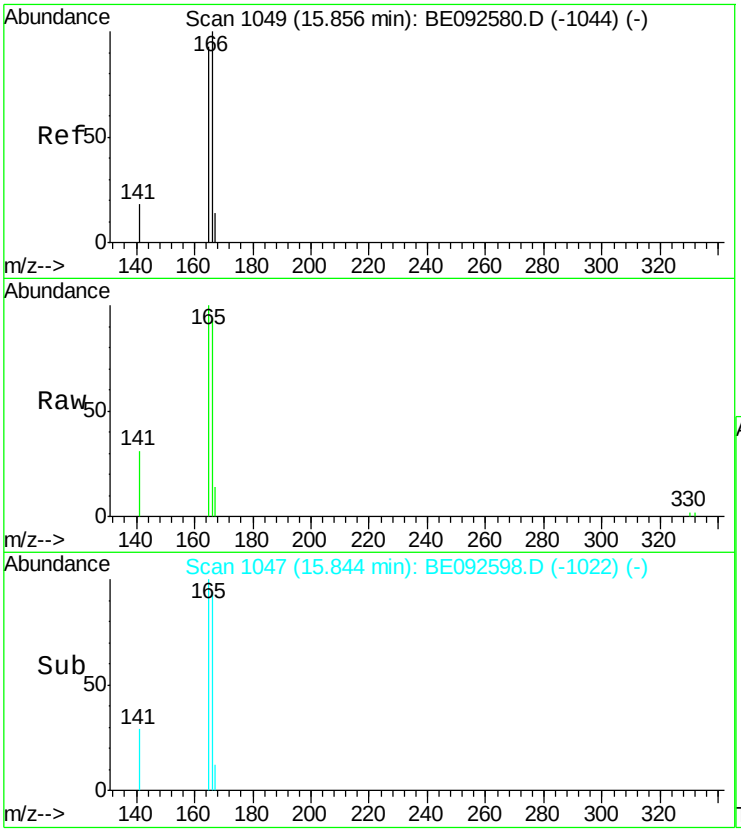


#16
Acenaphthene
Concen: 0.40 ng
RT: 14.85 min Scan# 981
Delta R.T. -0.02 min
Lab File: BE092598.D
Acq: 9 Dec 2016 17:56

Tgt Ion:154 Resp: 2788

Ion	Ratio	Lower	Upper
154	100		
153	444.2	350.8	526.2
152	234.3	171.1	256.7



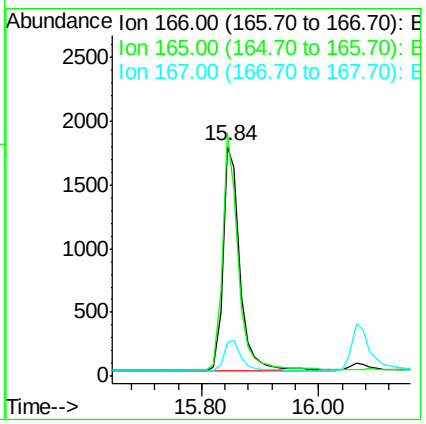


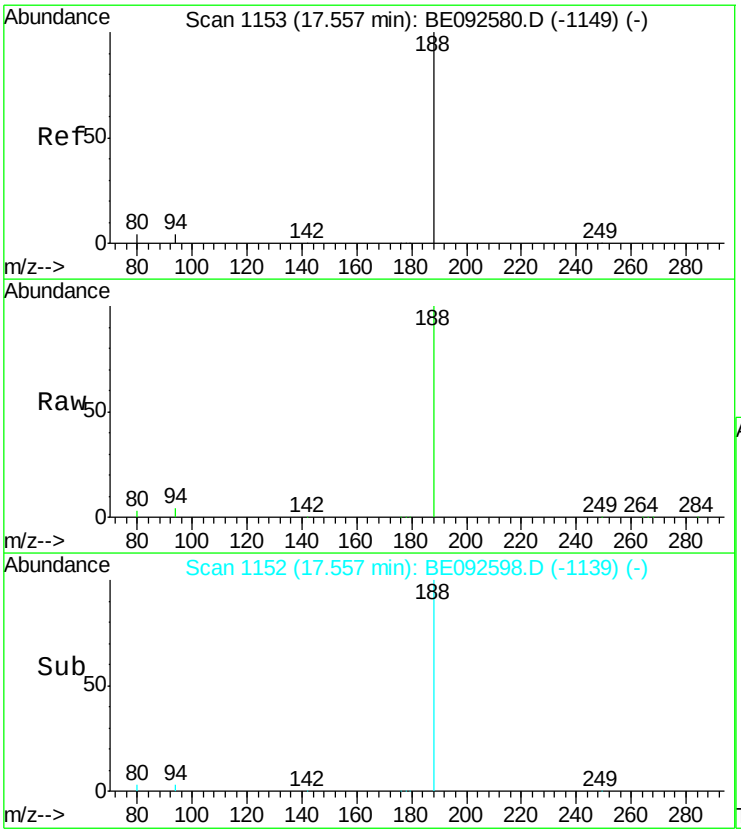
#17
Fluorene
Concen: 0.40 ng
RT: 15.84 min Scan# 1047
Delta R.T. -0.01 min
Lab File: BE092598.D
Acq: 9 Dec 2016 17:56

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:166 Resp: 3468

Ion	Ratio	Lower	Upper
166	100		
165	98.9	78.2	117.4
167	13.4	11.0	16.4

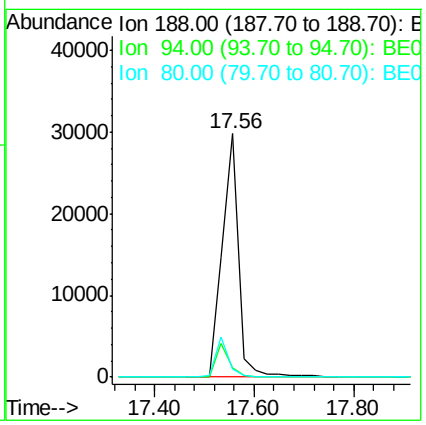


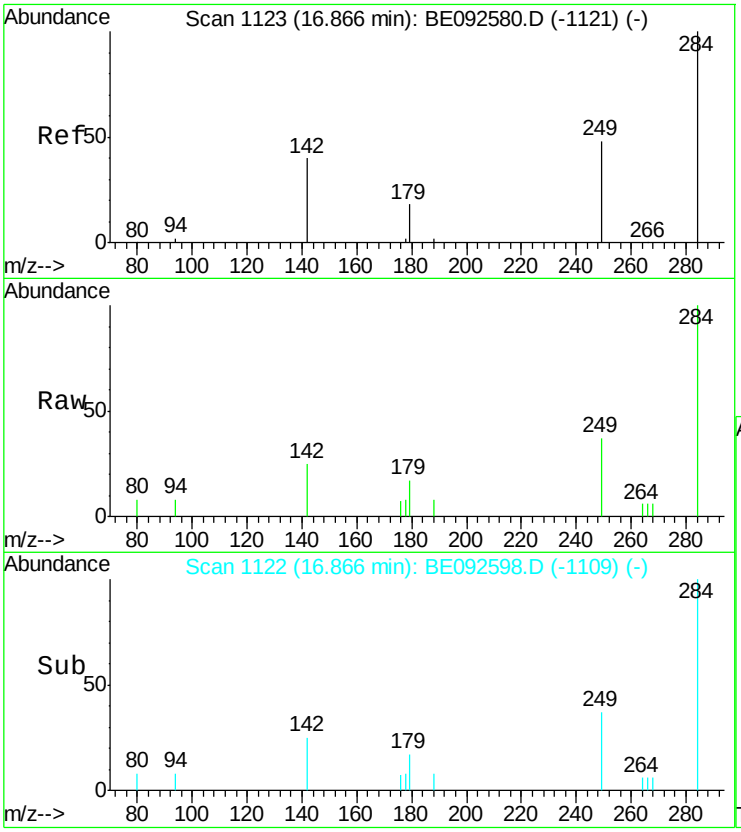


#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.56 min Scan# 1152
Delta R.T. -0.00 min
Lab File: BE092598.D
Acq: 9 Dec 2016 17:56

Tgt Ion:188 Resp: 67170

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



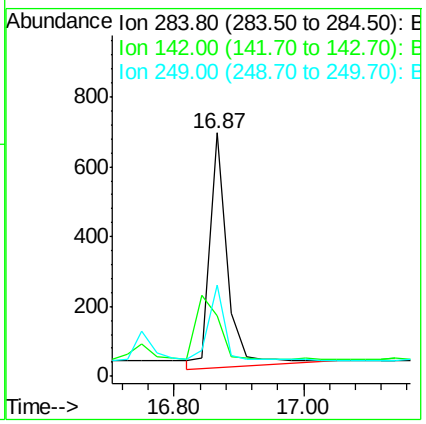


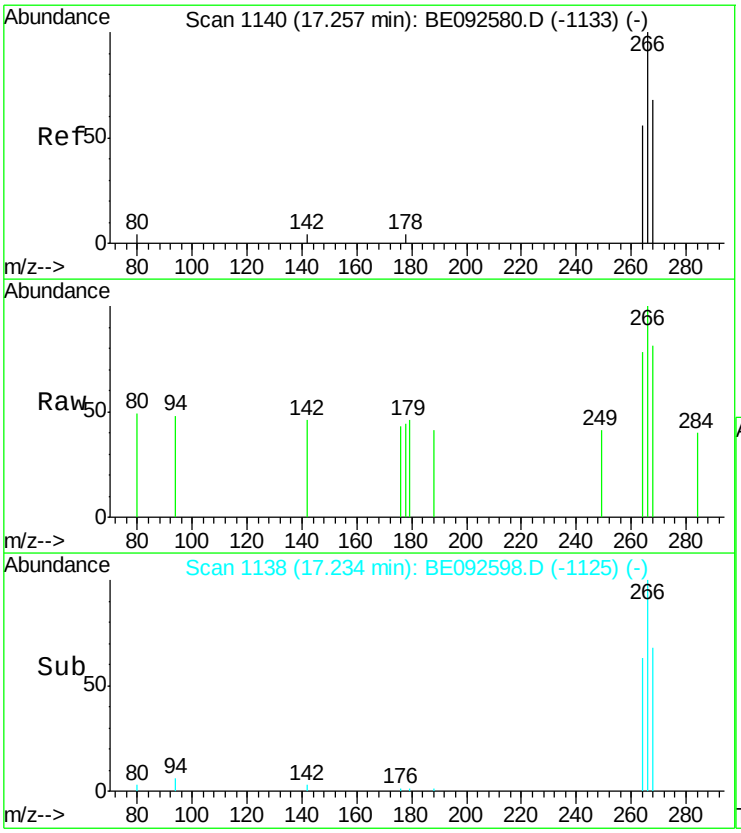
#19
Hexachlorobenzene
Concen: 0.49 ng
RT: 16.87 min Scan# 1122
Delta R.T. -0.00 min
Lab File: BE092598.D
Acq: 9 Dec 2016 17:56

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:284 Resp: 1308

Ion	Ratio	Lower	Upper
284	100		
142	0.0	29.1	43.7#
249	42.0	27.9	41.9#

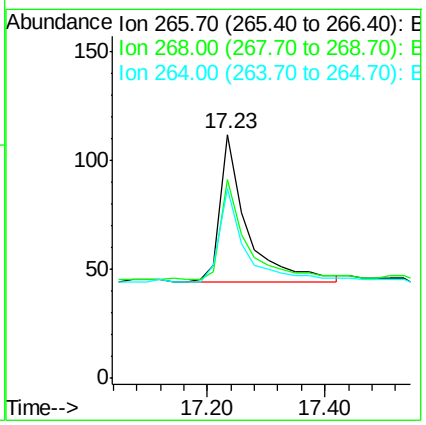


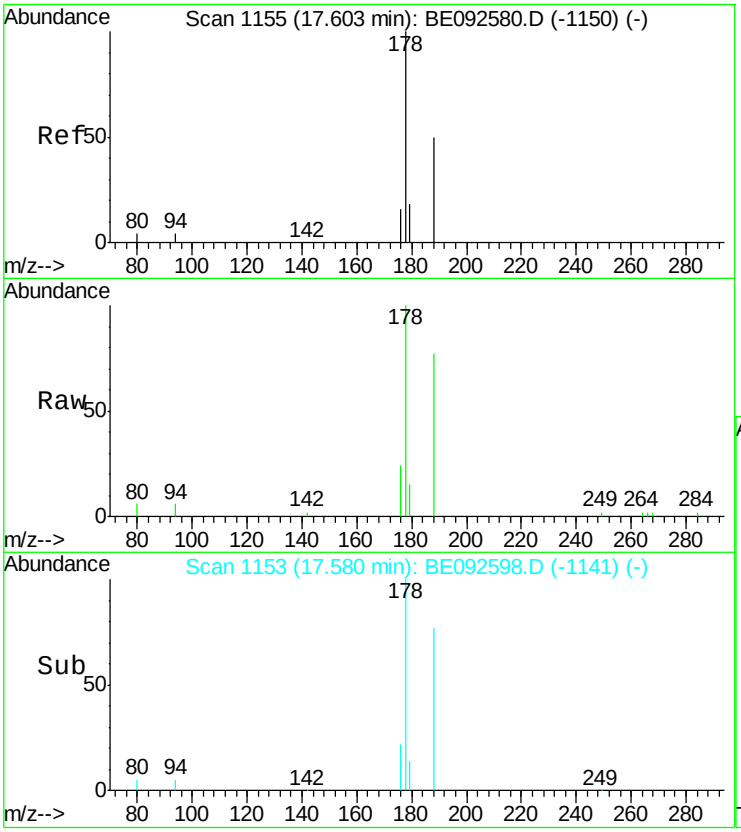


#20
Pentachlorophenol
Concen: 0.52 ng
RT: 17.23 min Scan# 1138
Delta R.T. 0.00 min
Lab File: BE092598.D
Acq: 9 Dec 2016 17:56

Tgt Ion:266 Resp: 217

Ion	Ratio	Lower	Upper
266	100		
268	81.3	62.5	93.7
264	77.7	57.2	85.8



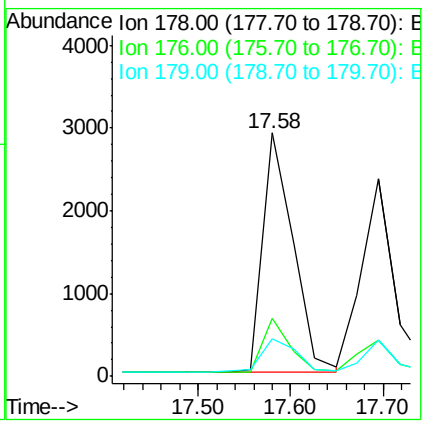


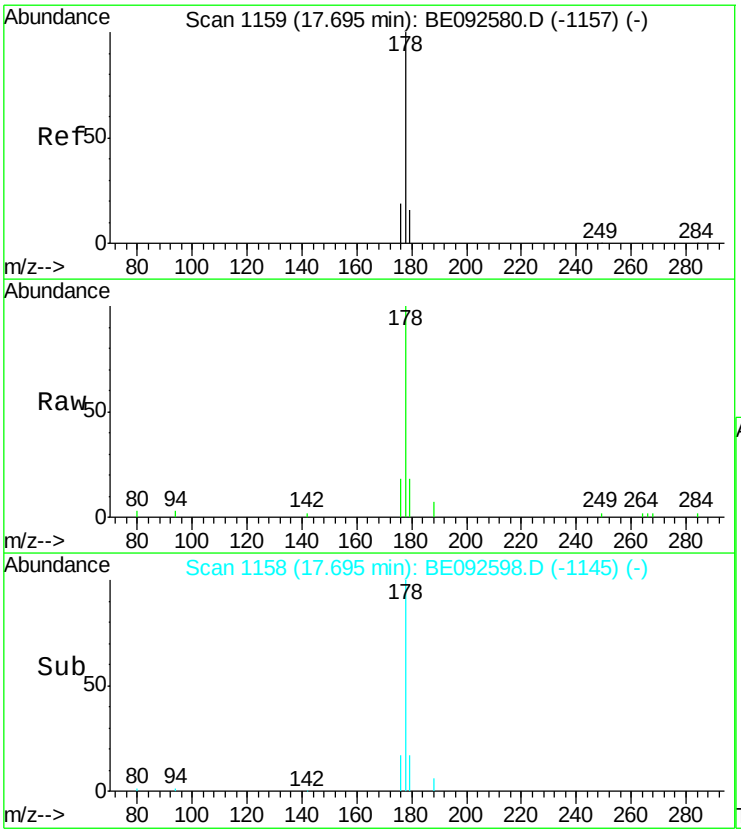
#21
Phenanthrene
Concen: 0.43 ng
RT: 17.58 min Scan# 1153
Delta R.T. -0.02 min
Lab File: BE092598.D
Acq: 9 Dec 2016 17:56

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:178 Resp: 6522

Ion	Ratio	Lower	Upper
178	100		
176	20.1	15.8	23.8
179	16.4	16.0	24.0

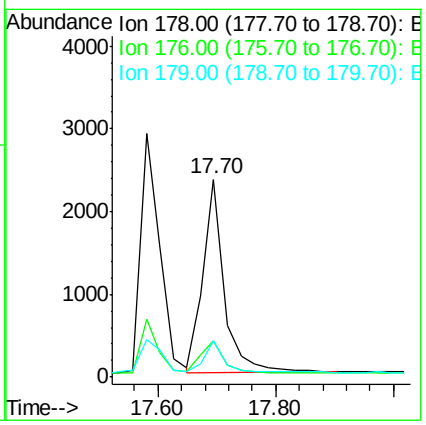


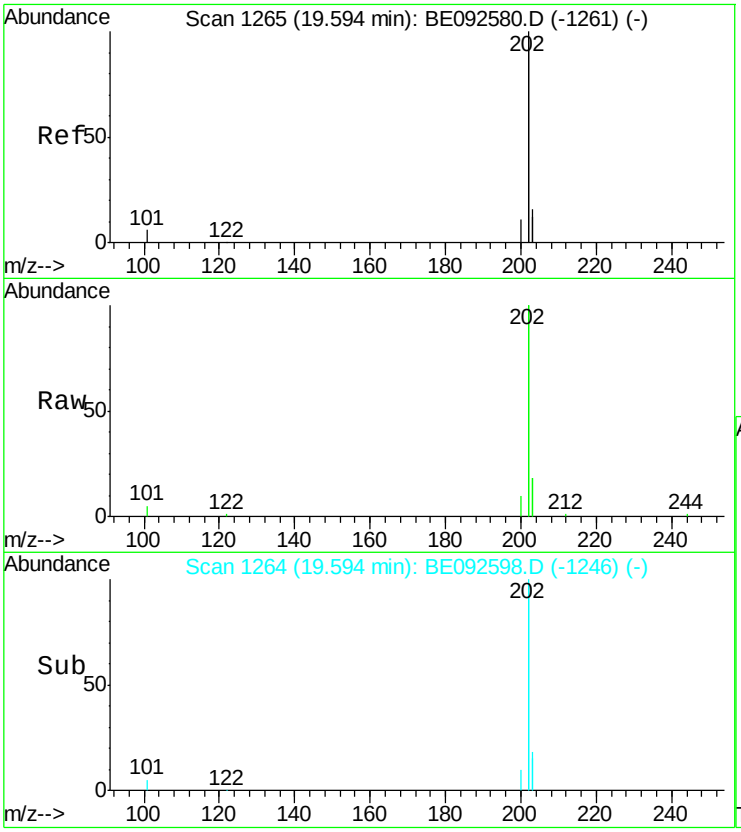


#22
Anthracene
Concen: 0.41 ng
RT: 17.70 min Scan# 1158
Delta R.T. -0.00 min
Lab File: BE092598.D
Acq: 9 Dec 2016 17:56

Tgt Ion:178 Resp: 5816

Ion	Ratio	Lower	Upper
178	100		
176	18.5	15.0	22.4
179	16.0	12.2	18.2



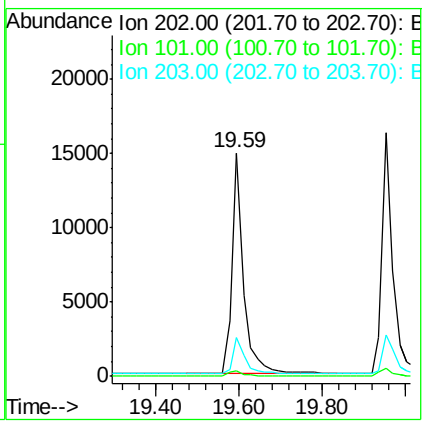


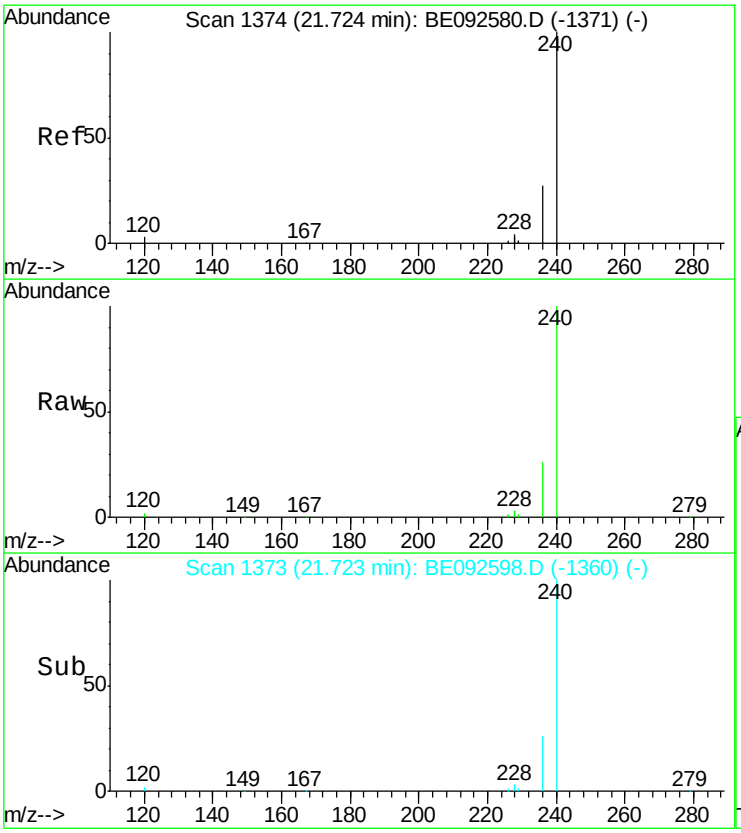
#23
Fluoranthene
Concen: 0.41 ng
RT: 19.59 min Scan# 1264
Delta R.T. -0.00 min
Lab File: BE092598.D
Acq: 9 Dec 2016 17:56

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:202 Resp: 28603

Ion	Ratio	Lower	Upper
202	100		
101	2.9	2.2	3.4
203	17.5	13.7	20.5

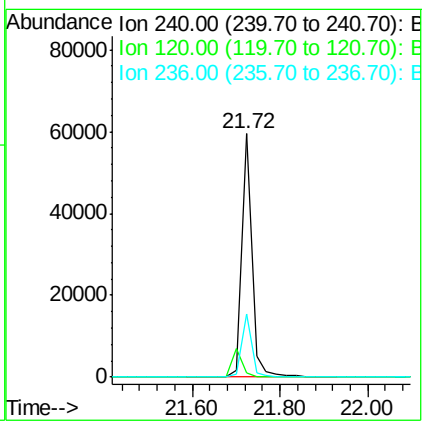


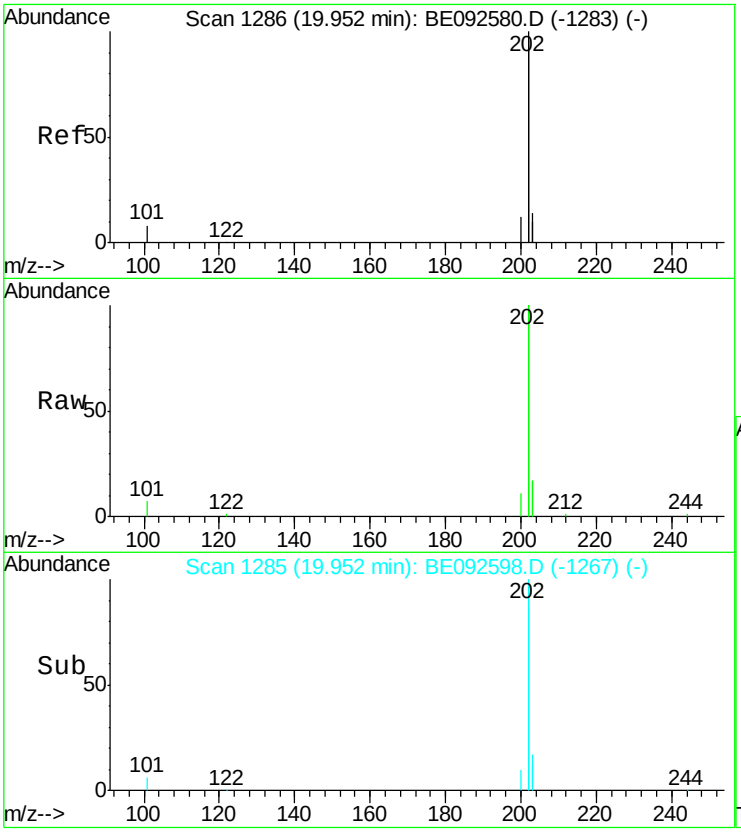


#24
Chrysene-d12
Concen: 5.00 ng
RT: 21.72 min Scan# 1373
Delta R.T. -0.00 min
Lab File: BE092598.D
Acq: 9 Dec 2016 17:56

Tgt Ion:240 Resp: 94030

Ion	Ratio	Lower	Upper
240	100		
120	1.9	2.6	4.0#
236	25.9	24.6	37.0



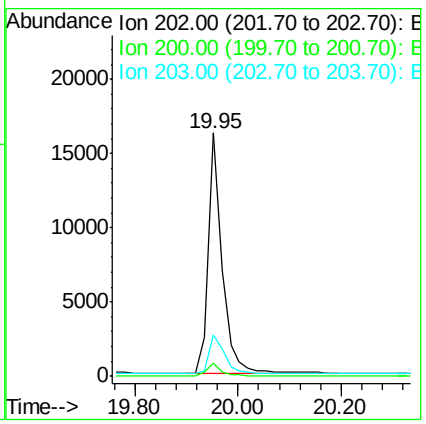


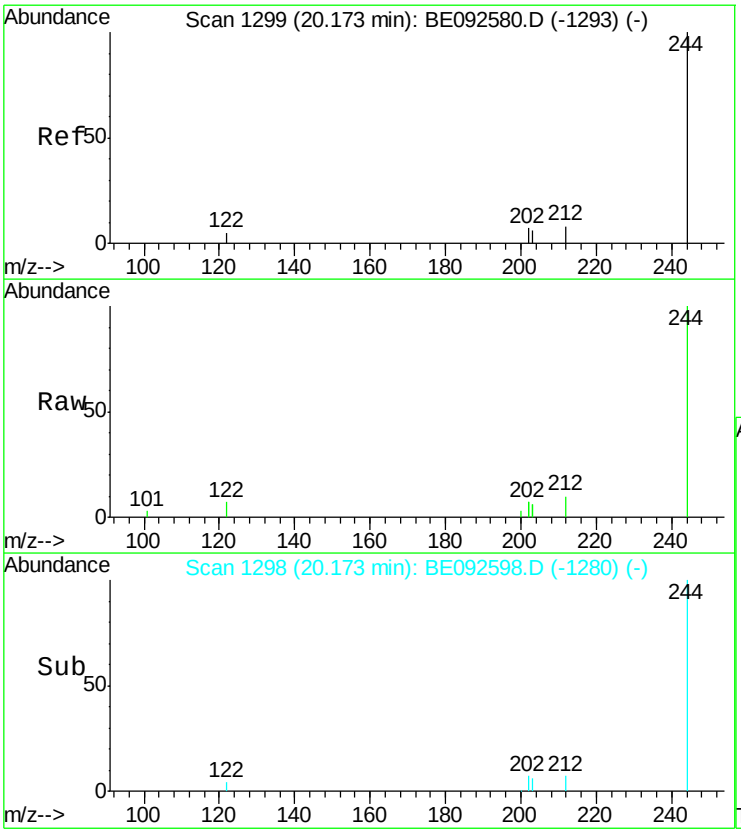
#25
Pyrene
Concen: 0.40 ng
RT: 19.95 min Scan# 1285
Delta R.T. -0.00 min
Lab File: BE092598.D
Acq: 9 Dec 2016 17:56

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:202 Resp: 29814

Ion	Ratio	Lower	Upper
202	100		
200	5.2	4.2	6.4
203	17.6	13.9	20.9

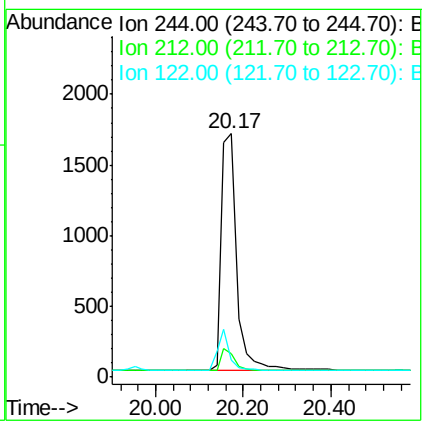


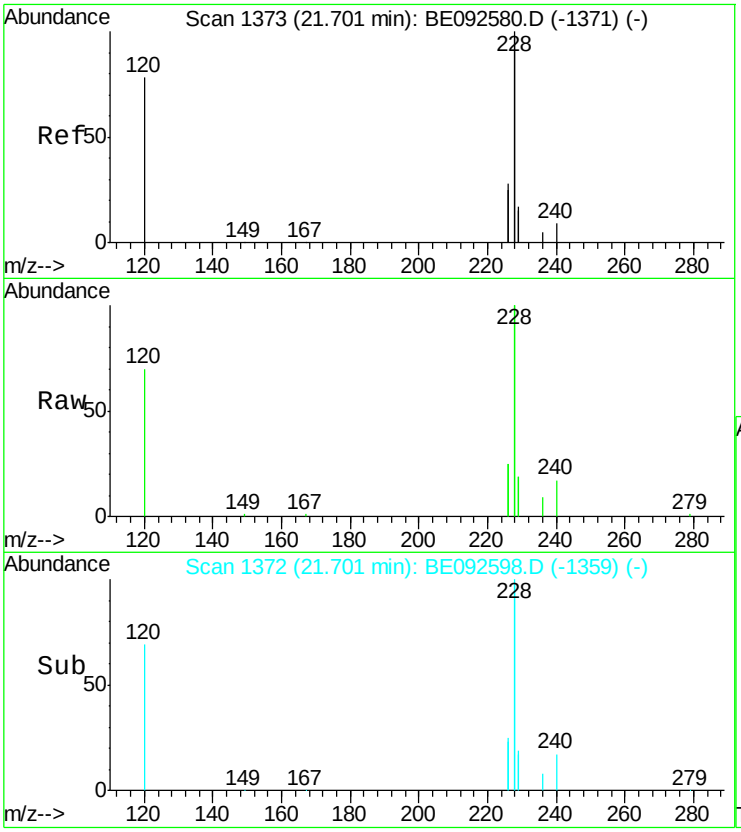


#26
Terphenyl-d14
Concen: 0.39 ng
RT: 20.17 min Scan# 1298
Delta R.T. -0.00 min
Lab File: BE092598.D
Acq: 9 Dec 2016 17:56

Tgt Ion:244 Resp: 4201

Ion	Ratio	Lower	Upper
244	100		
212	9.7	6.7	10.1
122	6.9	3.6	5.4#



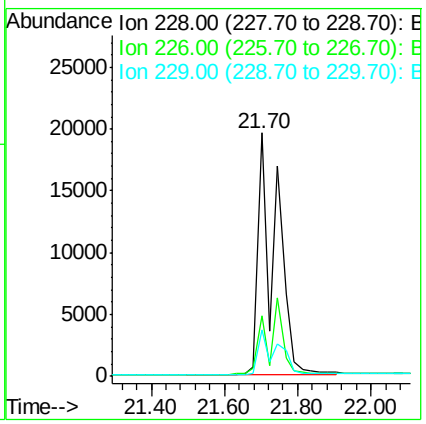


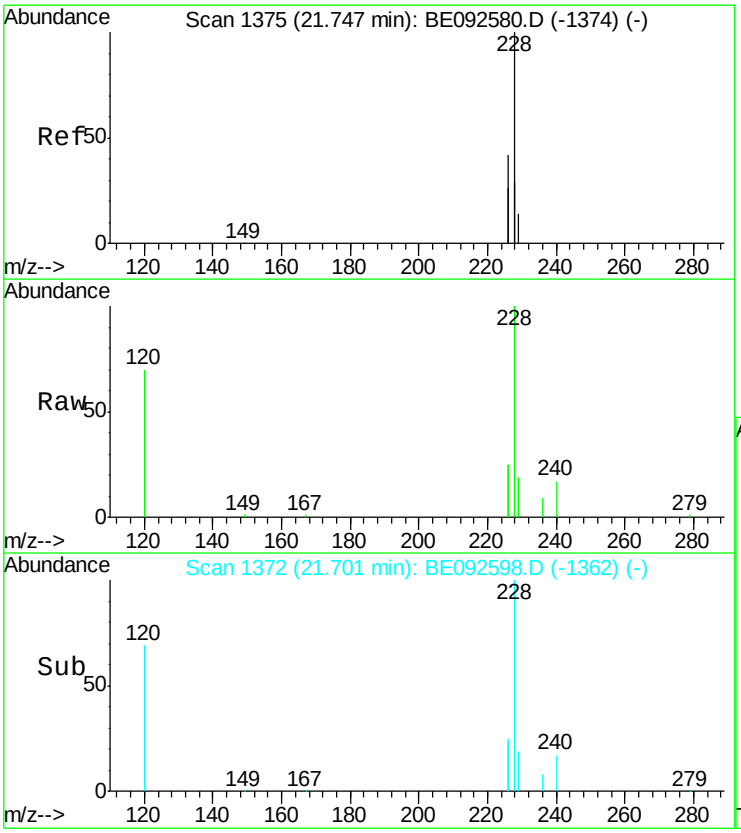
#27
Benzo(a)anthracene
Concen: 0.83 ng
RT: 21.70 min Scan# 1372
Delta R.T. -0.00 min
Lab File: BE092598.D
Acq: 9 Dec 2016 17:56

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:228 Resp: 66605

Ion	Ratio	Lower	Upper
228	100		
226	24.7	23.6	35.4
229	19.1	13.3	19.9

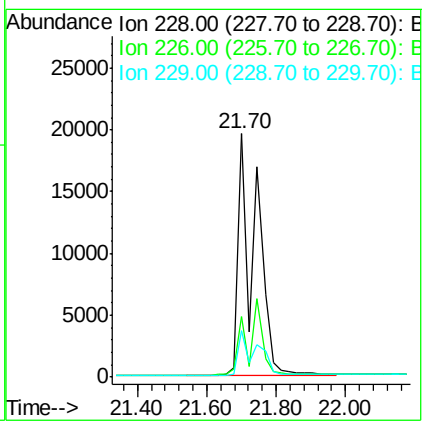


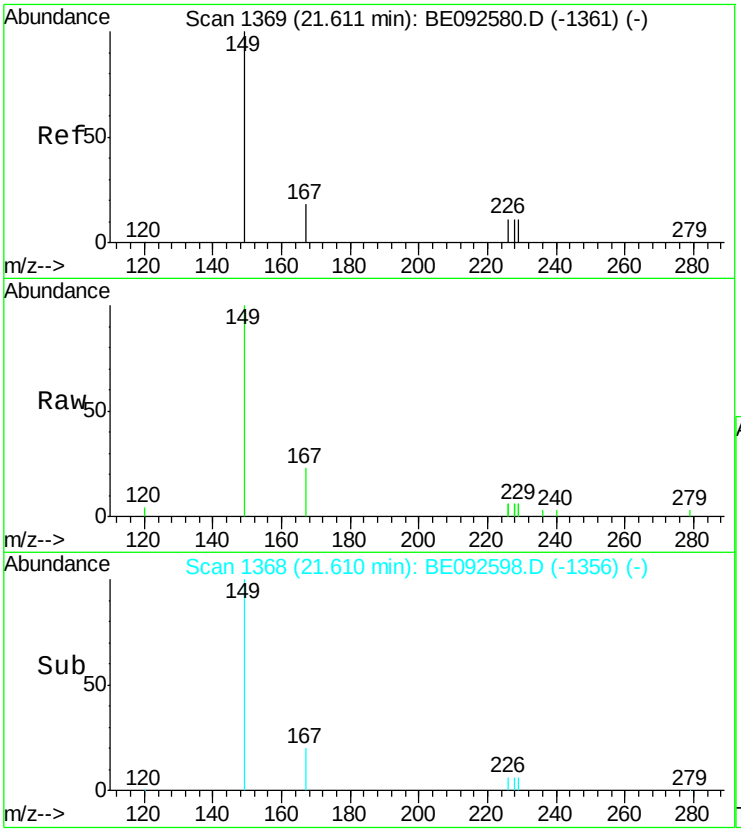


#28
Chrysene
Concen: 0.84 ng
RT: 21.70 min Scan# 1372
Delta R.T. -0.07 min
Lab File: BE092598.D
Acq: 9 Dec 2016 17:56

Tgt Ion:228 Resp: 66967

Ion	Ratio	Lower	Upper
228	100		
226	24.7	36.3	54.5#
229	19.1	10.6	16.0#



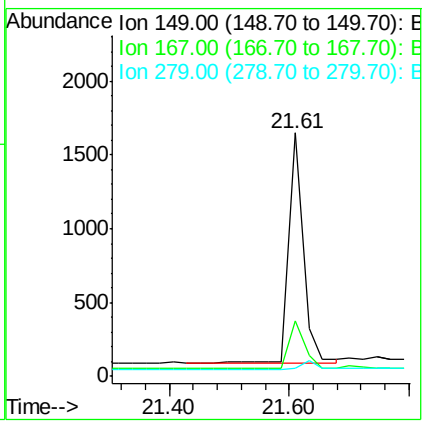


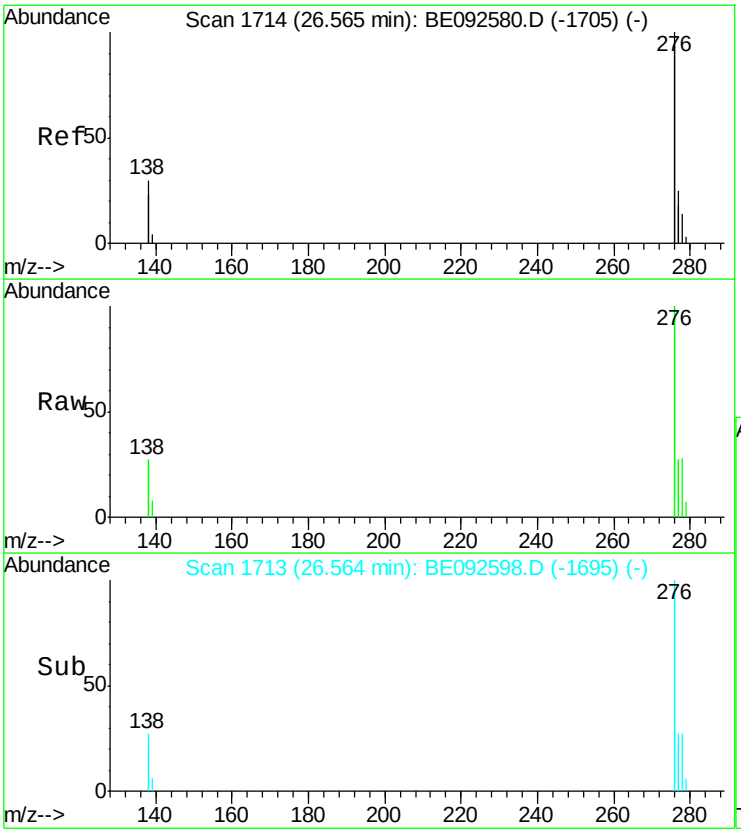
#29
Bis(2-ethylhexyl)phthalate
Concen: 0.53 ng
RT: 21.61 min Scan# 1368
Delta R.T. -0.02 min
Lab File: BE092598.D
Acq: 9 Dec 2016 17:56

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:149 Resp: 2574

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

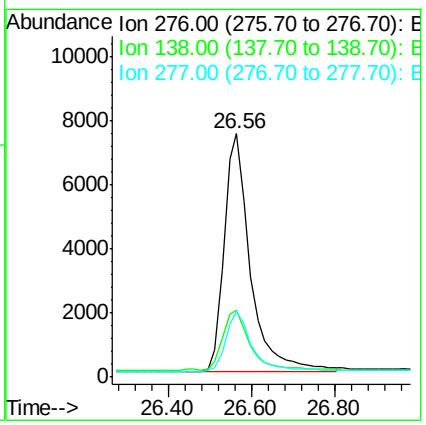


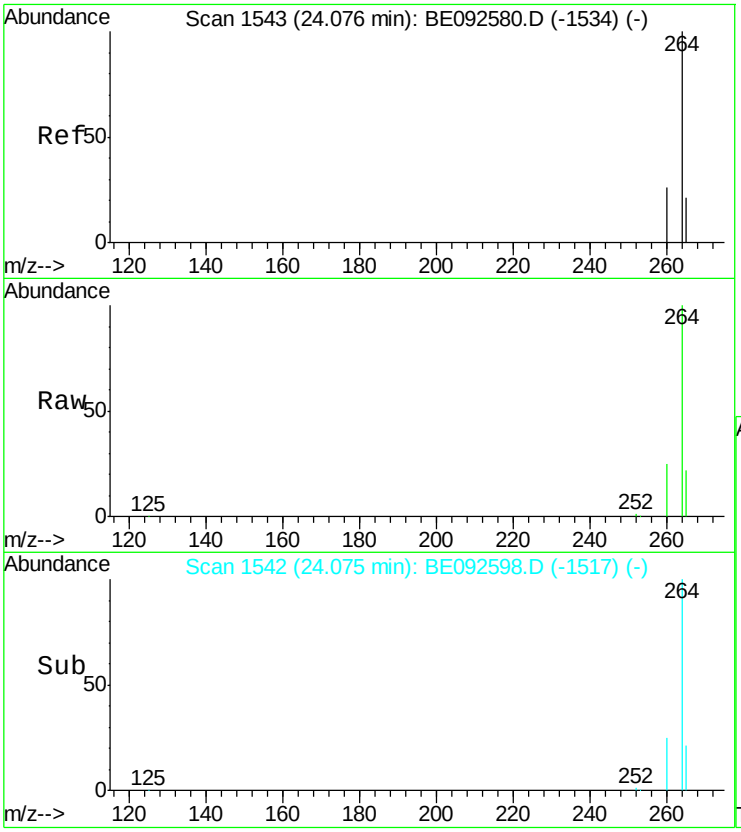


#30
Indeno(1,2,3-cd)pyrene
Concen: 0.41 ng
RT: 26.56 min Scan# 1713
Delta R.T. 0.00 min
Lab File: BE092598.D
Acq: 9 Dec 2016 17:56

Tgt Ion:276 Resp: 32238

Ion	Ratio	Lower	Upper
276	100		
138	27.5	20.3	30.5
277	24.7	19.7	29.5



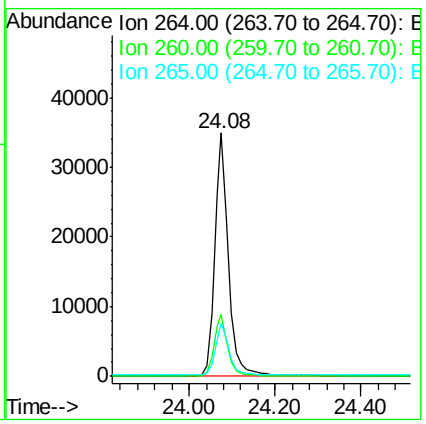


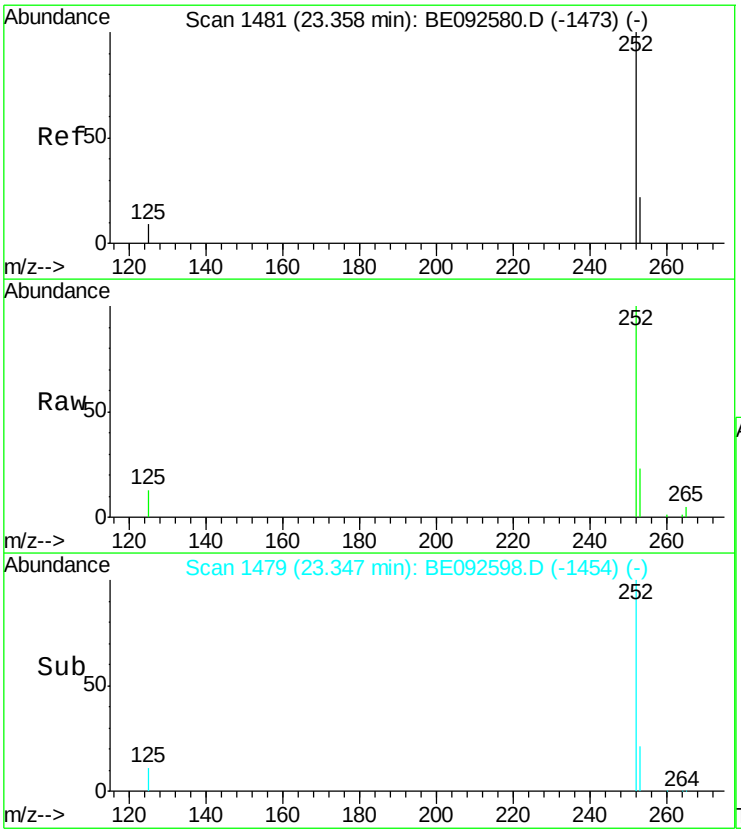
#31
Perylene-d12
Concen: 5.00 ng
RT: 24.08 min Scan# 1542
Delta R.T. -0.01 min
Lab File: BE092598.D
Acq: 9 Dec 2016 17:56

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:264 Resp: 78856

Ion	Ratio	Lower	Upper
264	100		
260	25.2	20.1	30.1
265	22.0	17.9	26.9

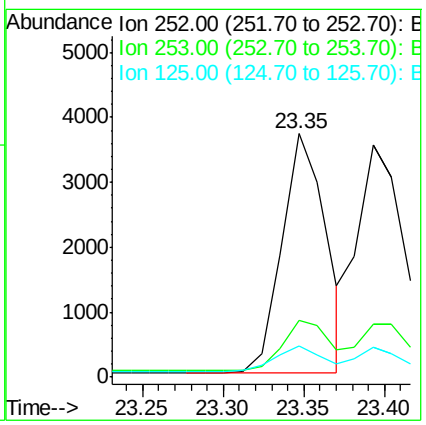


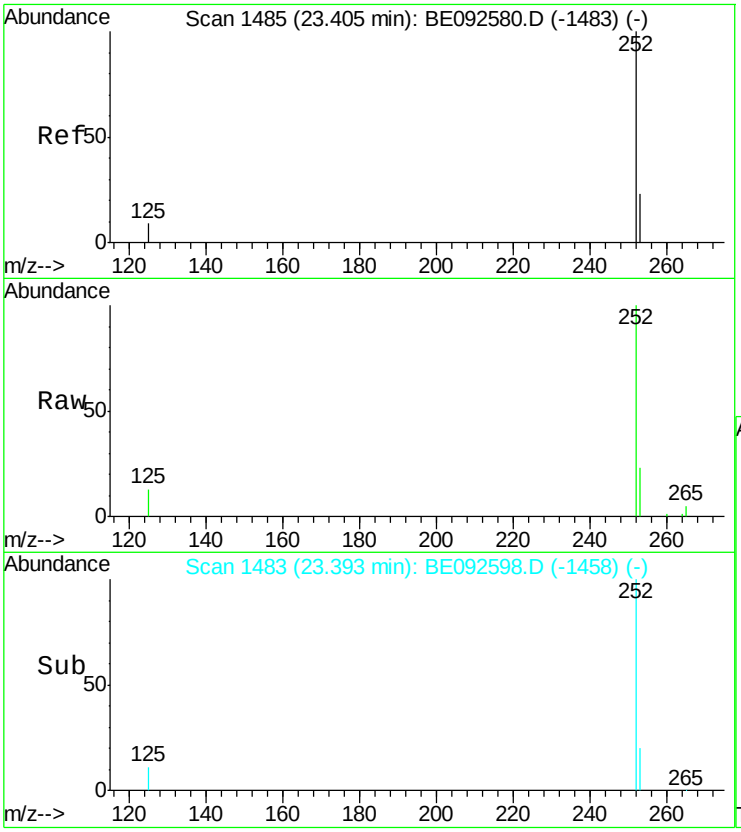


#32
Benzo(b)fluoranthene
Concen: 0.37 ng
RT: 23.35 min Scan# 1479
Delta R.T. -0.01 min
Lab File: BE092598.D
Acq: 9 Dec 2016 17:56

Tgt Ion:252 Resp: 6990

Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.7	28.1
125	12.7	10.5	15.7



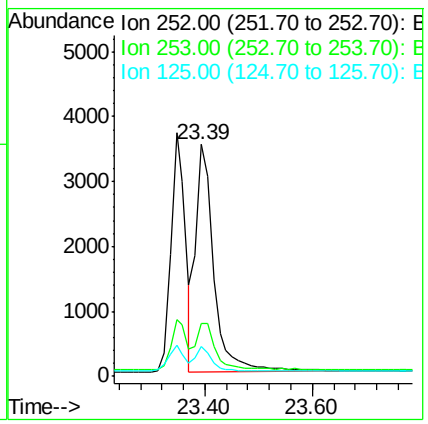


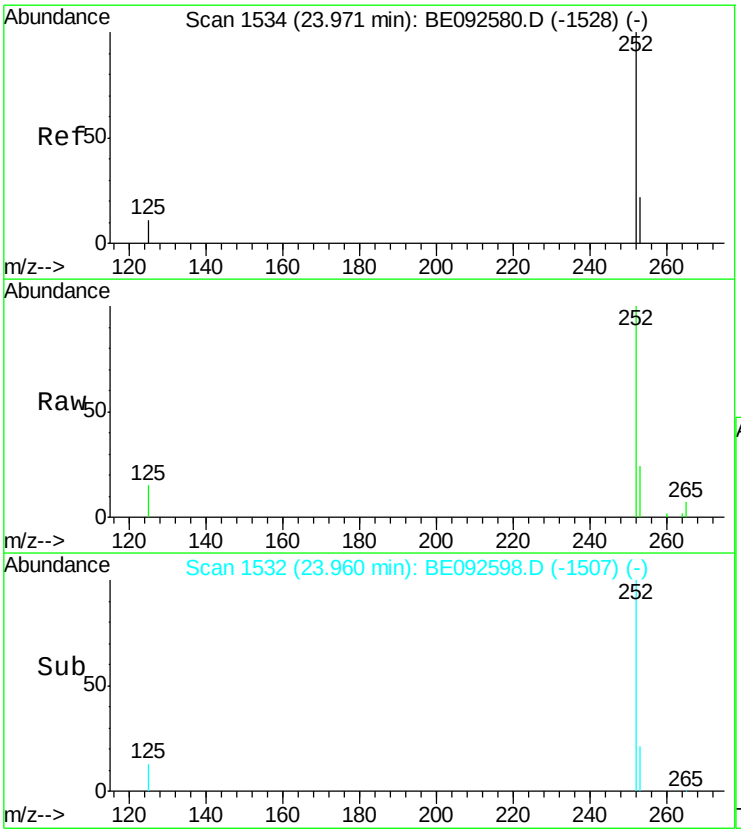
#33
Benzo(k)fluoranthene
Concen: 0.40 ng
RT: 23.39 min Scan# 1483
Delta R.T. -0.01 min
Lab File: BE092598.D
Acq: 9 Dec 2016 17:56

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:252 Resp: 8025

Ion	Ratio	Lower	Upper
252	100		
253	22.8	20.3	30.5
125	12.7	9.6	14.4

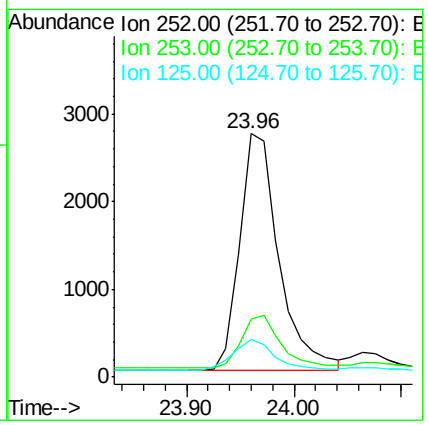


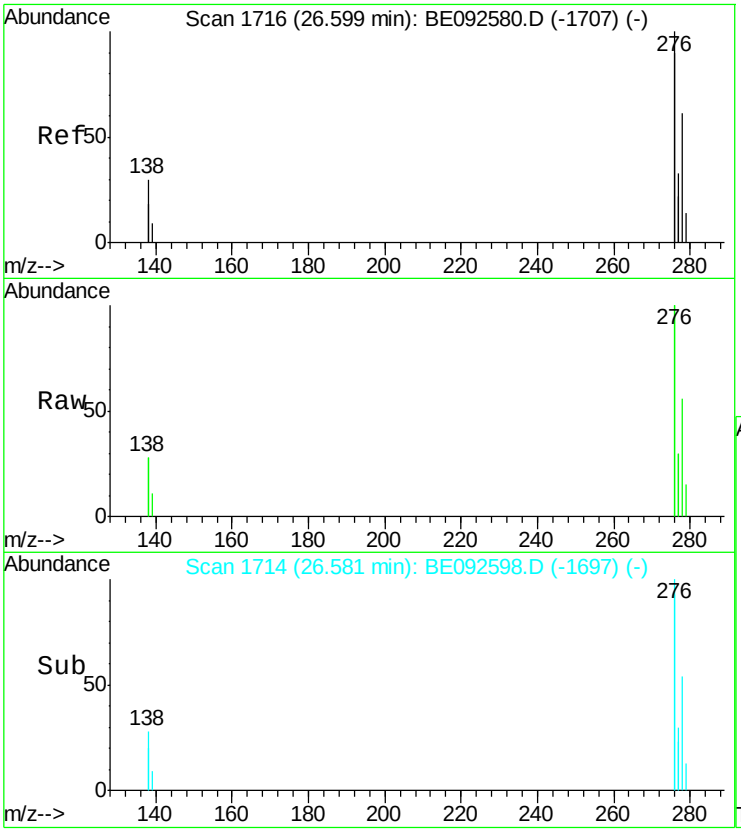


#34
Benzo(a)pyrene
Concen: 0.39 ng
RT: 23.96 min Scan# 1532
Delta R.T. -0.01 min
Lab File: BE092598.D
Acq: 9 Dec 2016 17:56

Tgt Ion:252 Resp: 6846

Ion	Ratio	Lower	Upper
252	100		
253	24.1	19.0	28.6
125	15.2	11.8	17.8



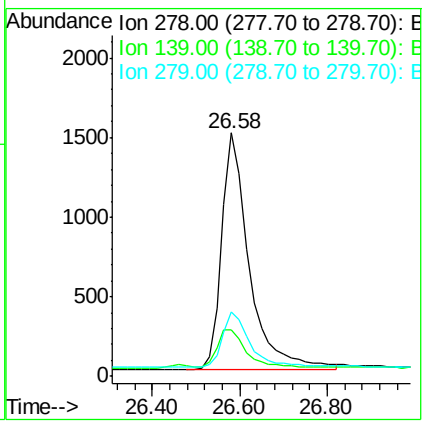


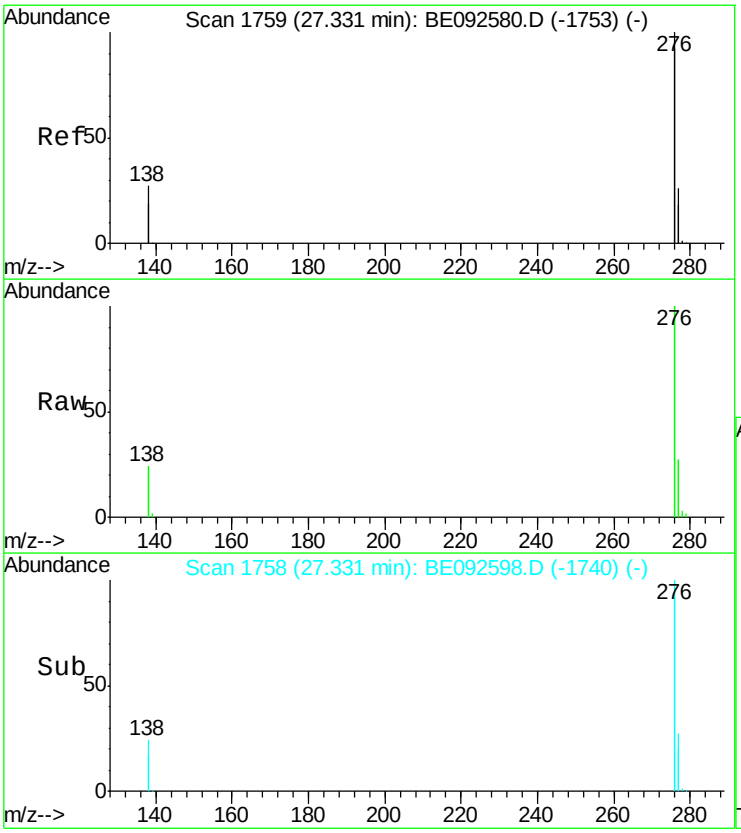
#35
Dibenzo(a,h)anthracene
Concen: 0.37 ng
RT: 26.58 min Scan# 1714
Delta R.T. -0.02 min
Lab File: BE092598.D
Acq: 9 Dec 2016 17:56

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:278 Resp: 6460

Ion	Ratio	Lower	Upper
278	100		
139	19.3	13.8	20.8
279	26.2	21.4	32.2





#36
Benzo(g,h,i)perylene
Concen: 0.37 ng
RT: 27.33 min Scan# 1758
Delta R.T. -0.00 min
Lab File: BE092598.D
Acq: 9 Dec 2016 17:56

Tgt Ion:276 Resp: 27807

Ion	Ratio	Lower	Upper
276	100		
277	26.6	19.8	29.8
138	23.6	19.8	29.6