Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE091316\
Data File : BE092380.D
Acq On : 13 Sep 2016 12:35
Operator : UM/SJ
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDCCC0.4

Quant Time: Sep 13 17:39:52 2016
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE090216.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 02 19:34:51 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	8149	5.00	ng		-0.02
7) Naphthalene-d8	10.95	136	40476	5.00	ng		0.00
12) Acenaphthene-d10	14.83	164	26957	5.00	ng		0.02
18) Phenanthrene-d10	17.58	188	70218	5.00	ng		0.02
24) Chrysene-d12	21.75	240	83443	5.00	ng		0.00
31) Perylene-d12	24.12	264	77315	5.00	ng		0.04
System Monitoring Compounds							
4) 2-Fluorophenol	5.68	112	778	0.40	ng		0.00
5) Phenol-d6	7.36	99	1056	0.41	ng		0.00
8) Nitrobenzene-d5	9.36	82	1179	0.41	ng		0.00
13) 2,4,6-Tribromophenol	16.33	330	398	0.48	ng		0.01
14) 2-Fluorobiphenyl	13.44	172	3186	0.39	ng		0.00
26) Terphenyl-d14	20.19	244	4734	0.38	ng		0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.41	88	476	0.39	ng		97
3) n-Nitrosodimethylamine	3.78	42	420	0.40	ng	#	92
6) bis(2-Chloroethyl)ether	7.59	93	789	0.39	ng		97
9) Naphthalene	11.01	128	3658	0.40	ng		100
10) Hexachlorobutadiene	11.30	225	571	0.40	ng		98
11) 2-Methylnaphthalene	12.65	142	2467	0.42	ng		93
15) Acenaphthylene	14.54	152	18932	0.41	ng		100
16) Acenaphthene	14.88	154	3041	0.40	ng		99
17) Fluorene	15.88	166	3852	0.41	ng		100
19) Hexachlorobenzene	16.89	284	1048	0.31	ng		92
20) Pentachlorophenol	17.26	266	377	0.56	ng		98
21) Phenanthrene	17.63	178	6412	0.32	ng		95
22) Anthracene	17.72	178	6282	0.36	ng		99
23) Fluoranthene	19.61	202	30796	0.36	ng		100
25) Pyrene	19.99	202	32517	0.40	ng		99
27) Benzo(a)anthracene	21.72	228	38870m	0.43	ng		
28) Chrysene	21.77	228	36359m	0.33	ng		
29) Bis(2-ethylhexyl)phthalate	21.63	149	6140	0.46	ng	#	56
30) Indeno(1,2,3-cd)pyrene	26.62	276	36865	0.39	ng		99
32) Benzo(b)fluoranthene	23.38	252	9186m	0.46	ng		
33) Benzo(k)fluoranthene	23.44	252	9629m	0.46	ng		
34) Benzo(a)pyrene	24.01	252	8604	0.44	ng		97
35) Dibenzo(a,h)anthracene	26.65	278	7580	0.42	ng		97
36) Benzo(g,h,i)perylene	27.40	276	31988	0.42	ng		96

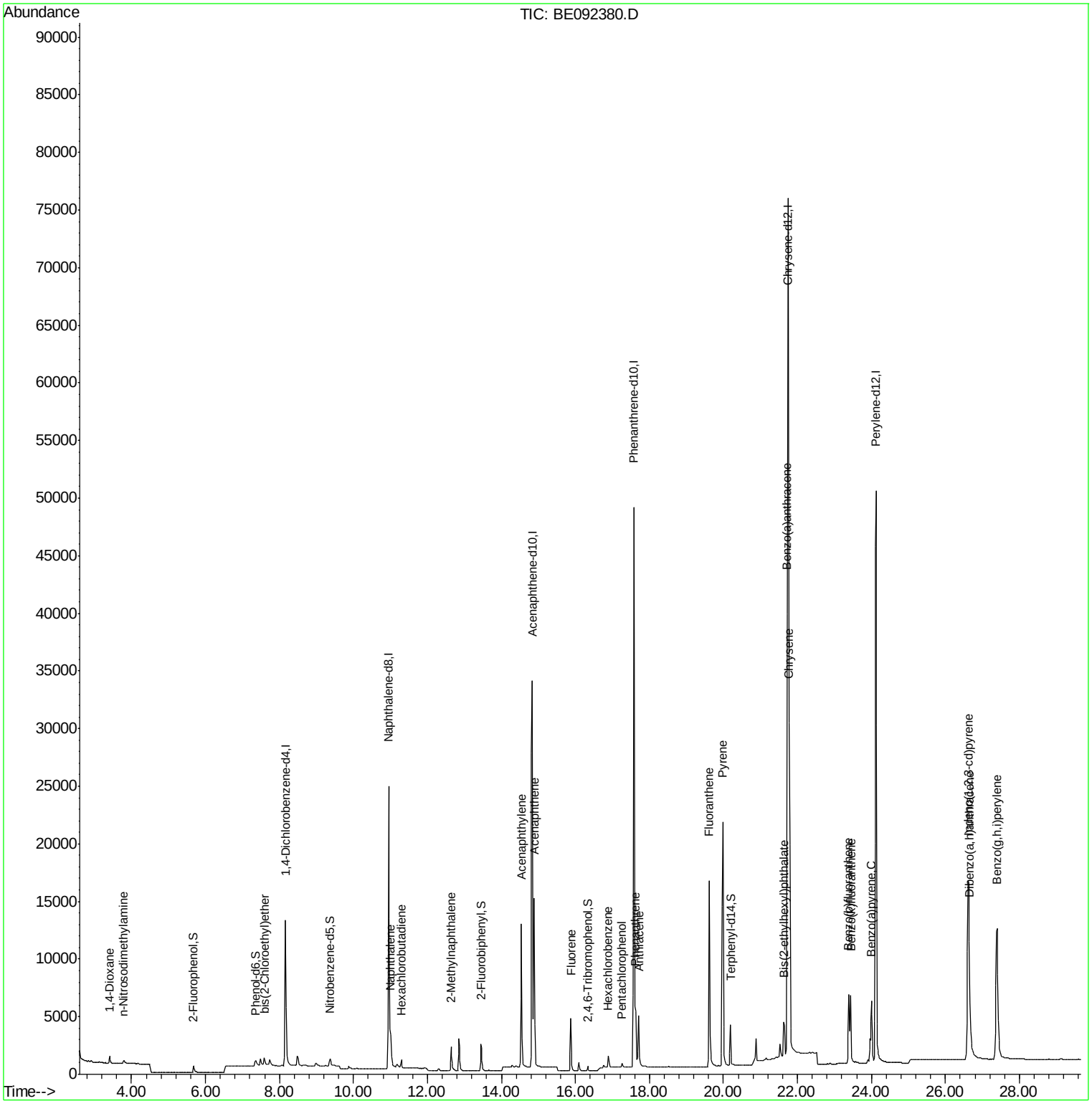
(#) = qualifier out of range (m) = manual integration (+) = signals summed

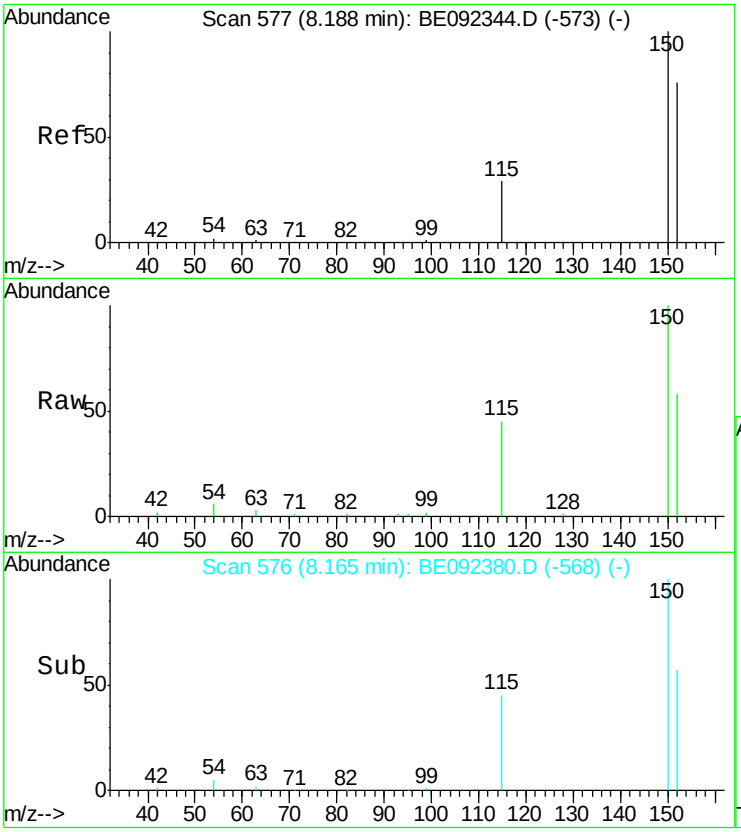
Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE091316\
Data File : BE092380.D
Acq On : 13 Sep 2016 12:35
Operator : UM/SJ
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Quant Time: Sep 13 17:39:52 2016
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE090216.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 02 19:34:51 2016
Response via : Initial Calibration



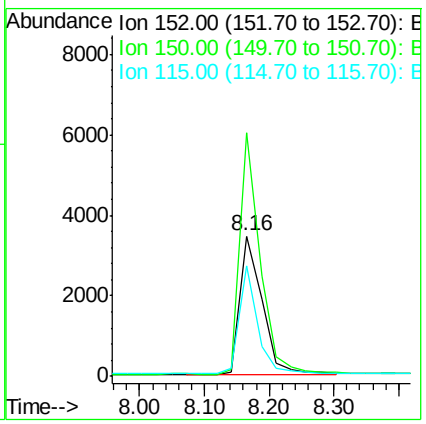


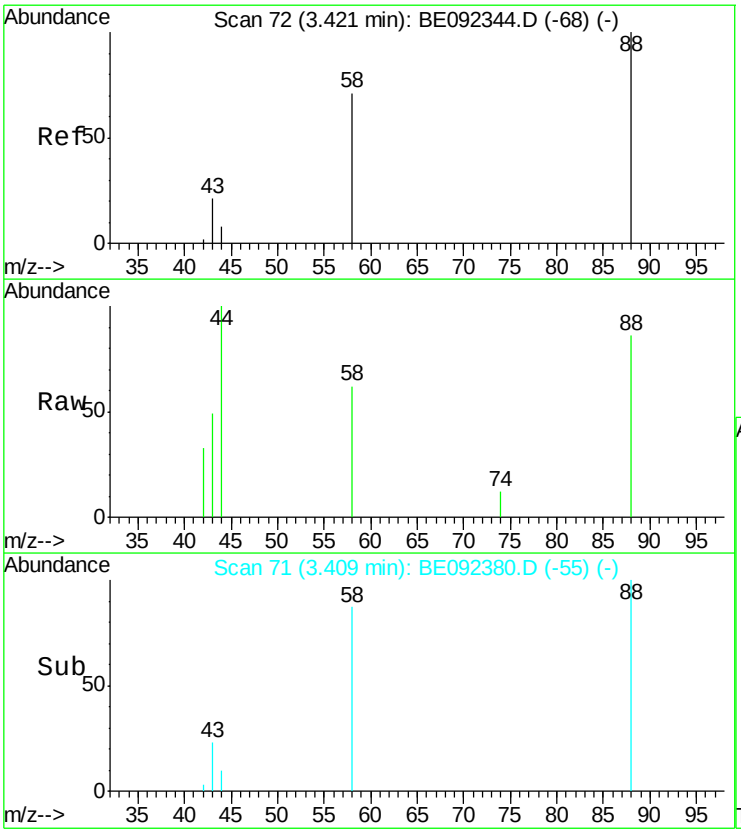
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 8.16 min Scan# 576
Delta R.T. -0.02 min
Lab File: BE092380.D
Acq: 13 Sep 2016 12:35

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:152 Resp: 8149

Ion	Ratio	Lower	Upper
152	100		
150	173.6	106.0	159.0#
115	78.6	31.2	46.8#

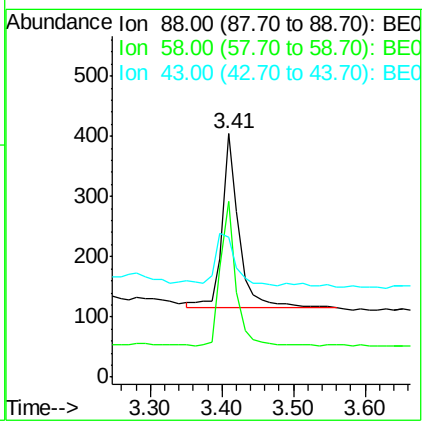


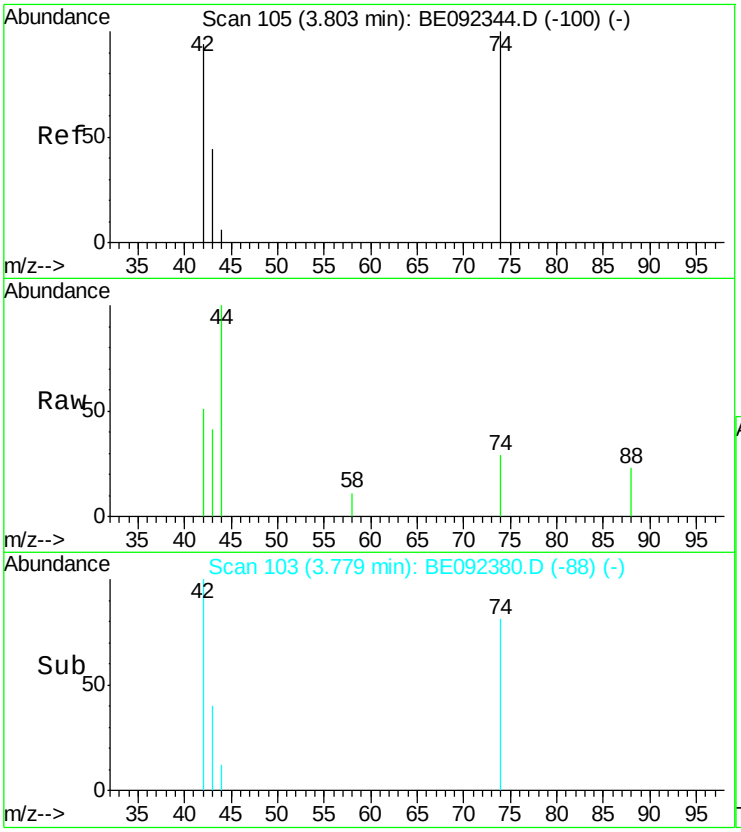


#2
1,4-Dioxane
Concen: 0.39 ng
RT: 3.41 min Scan# 71
Delta R.T. -0.01 min
Lab File: BE092380.D
Acq: 13 Sep 2016 12:35

Tgt Ion: 88 Resp: 476

Ion	Ratio	Lower	Upper
88	100		
58	76.5	63.6	95.4
43	34.0	28.0	42.0



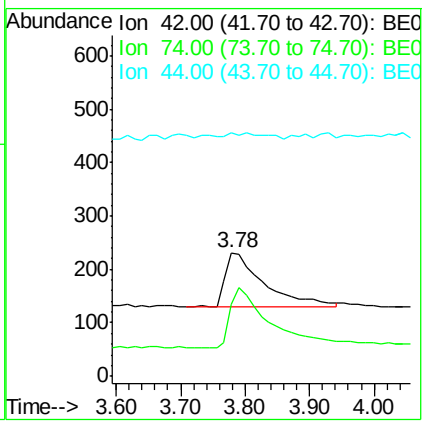


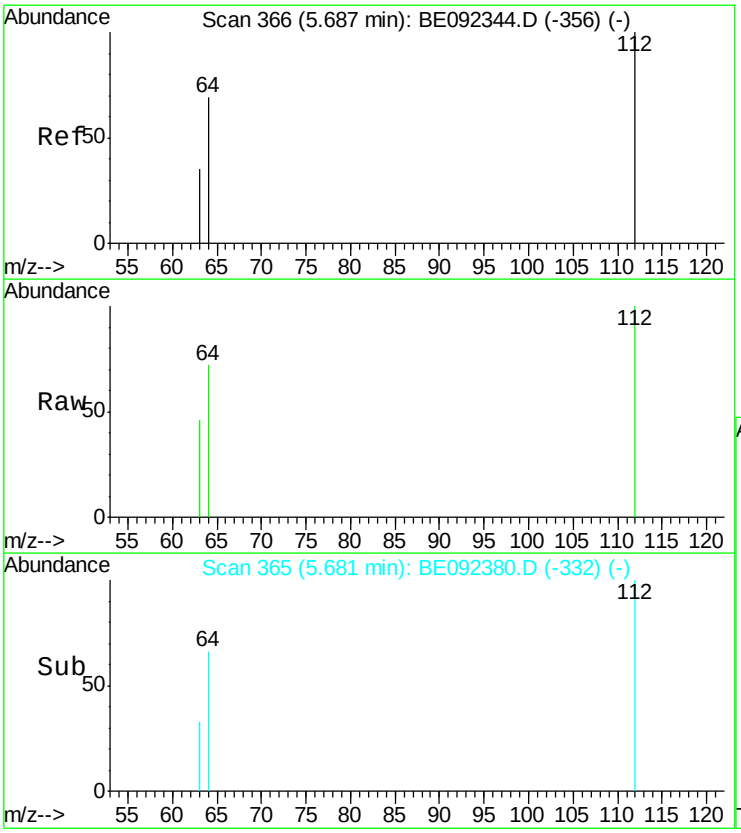
#3
n-Nitrosodimethylamine
Concen: 0.40 ng
RT: 3.78 min Scan# 103
Delta R.T. -0.02 min
Lab File: BE092380.D
Acq: 13 Sep 2016 12:35

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 42 Resp: 420

Ion	Ratio	Lower	Upper
42	100		
74	115.2	86.0	129.0
44	0.0	5.1	7.7#

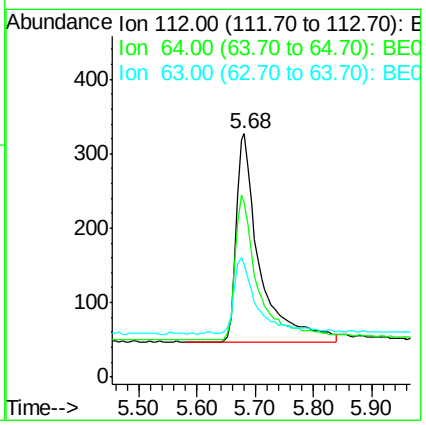


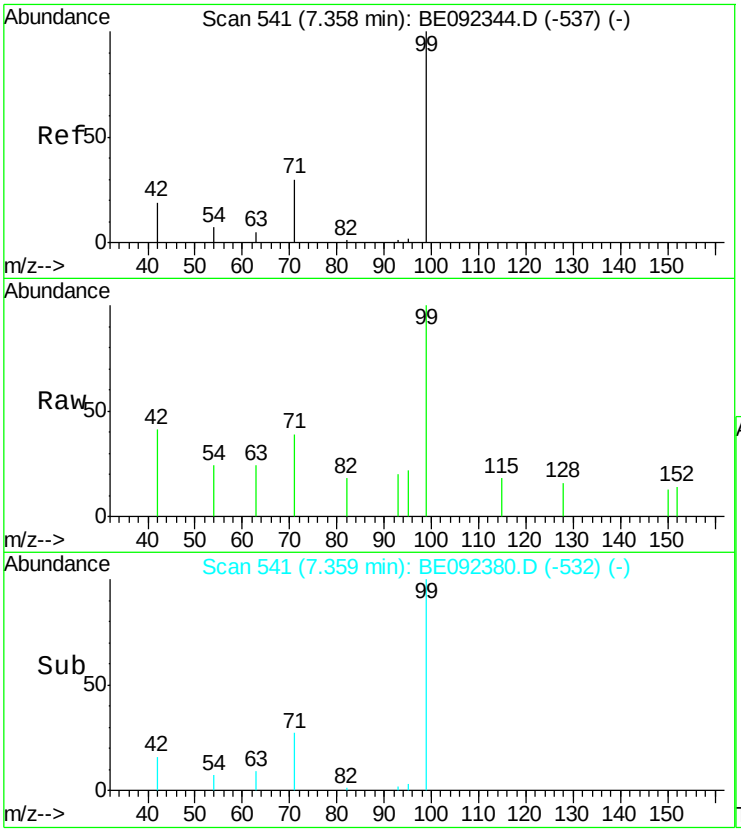


#4
2-Fluorophenol
Concen: 0.40 ng
RT: 5.68 min Scan# 365
Delta R.T. -0.01 min
Lab File: BE092380.D
Acq: 13 Sep 2016 12:35

Tgt Ion:112 Resp: 778

Ion	Ratio	Lower	Upper
112	100		
64	69.0	53.5	80.3
63	33.7	27.9	41.9



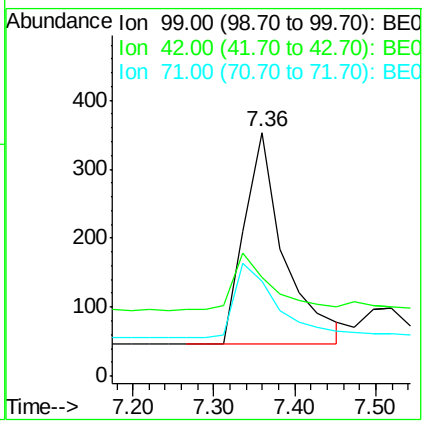


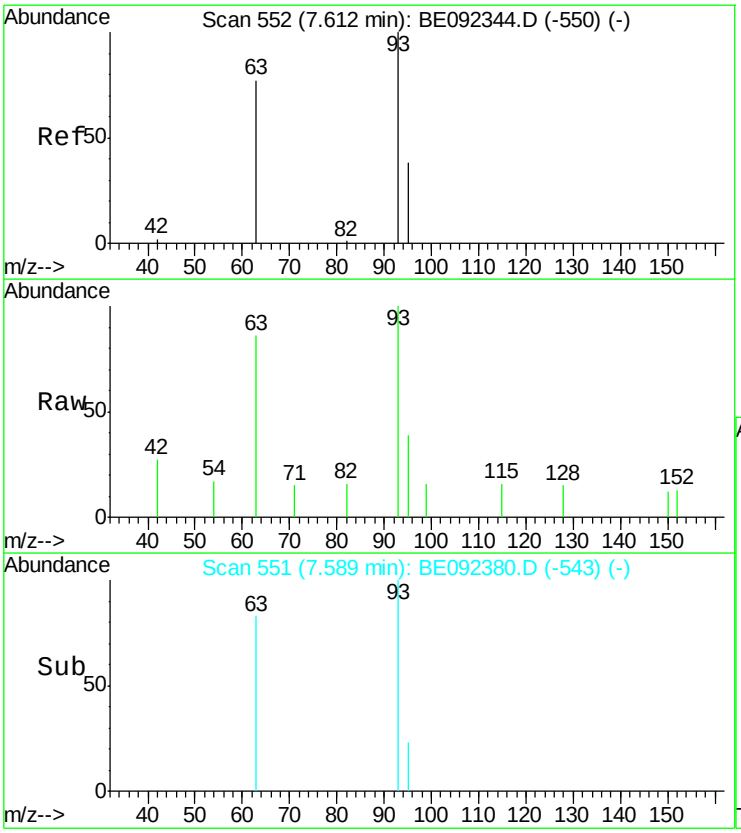
#5
Phenol-d6
Concen: 0.41 ng
RT: 7.36 min Scan# 541
Delta R.T. 0.00 min
Lab File: BE092380.D
Acq: 13 Sep 2016 12:35

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 99 Resp: 1056

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

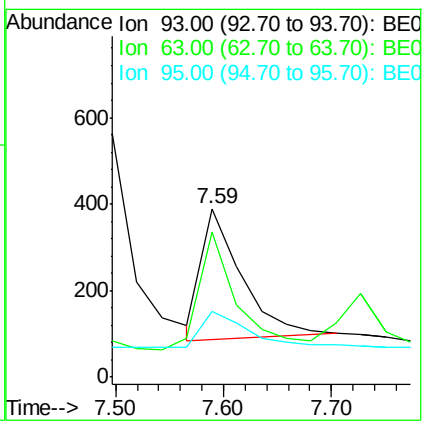


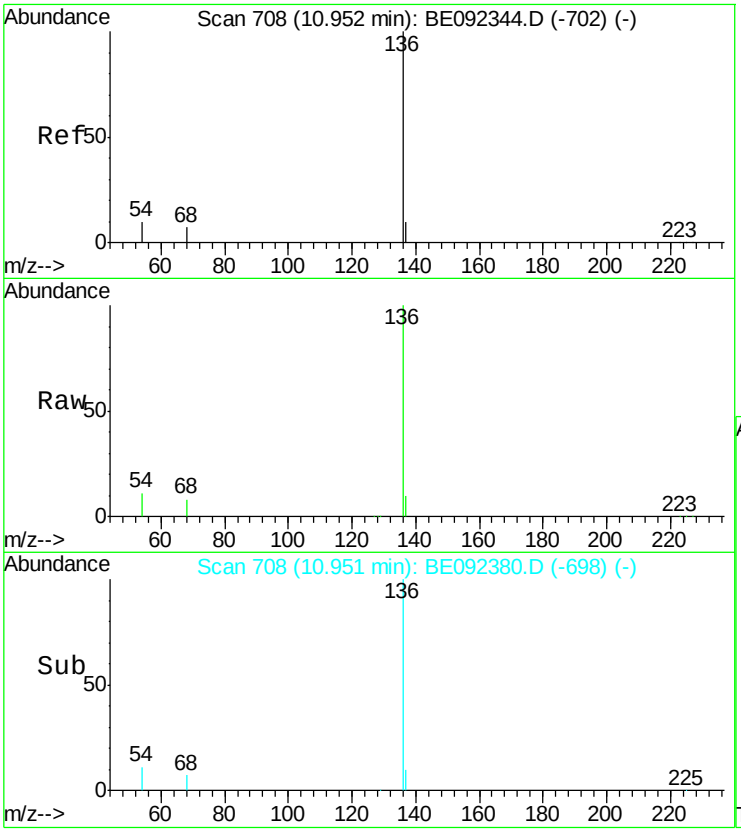


#6
bis(2-Chloroethyl)ether
Concen: 0.39 ng
RT: 7.59 min Scan# 551
Delta R.T. -0.02 min
Lab File: BE092380.D
Acq: 13 Sep 2016 12:35

Tgt Ion: 93 Resp: 789

Ion	Ratio	Lower	Upper
93	100		
63	86.9	71.6	107.4
95	32.4	24.0	36.0



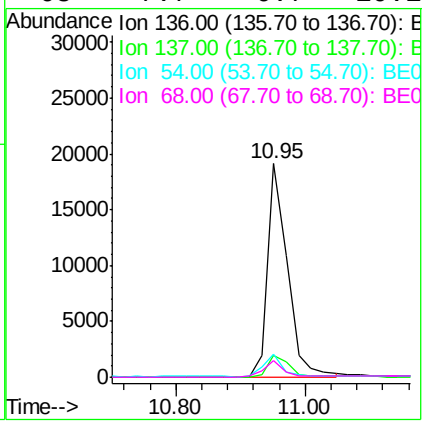


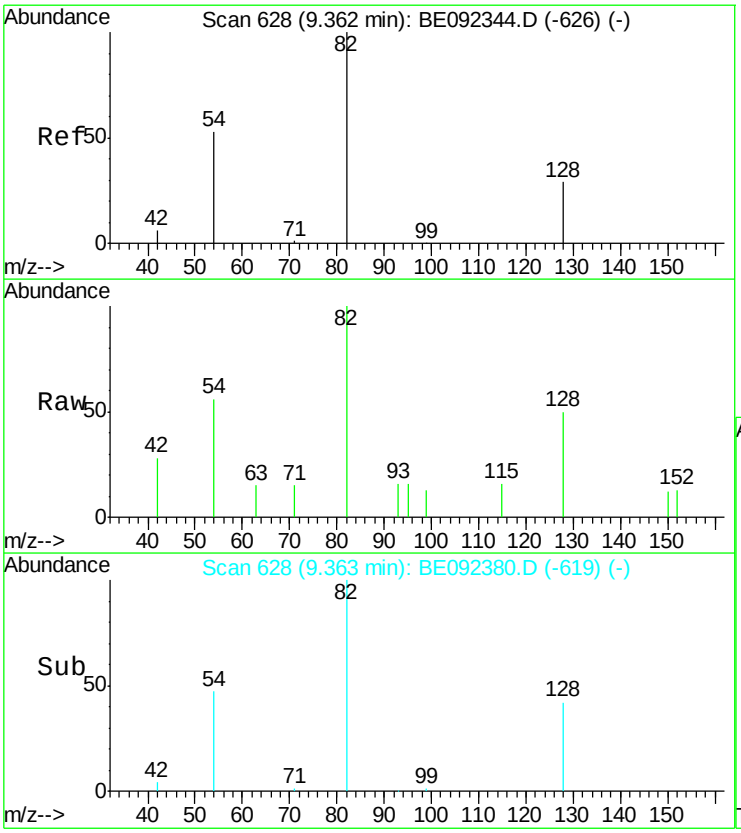
#7
Naphthalene-d8
Concen: 5.00 ng
RT: 10.95 min Scan# 708
Delta R.T. -0.00 min
Lab File: BE092380.D
Acq: 13 Sep 2016 12:35

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:136 Resp: 40476

Ion	Ratio	Lower	Upper
136	100		
137	10.3	8.2	12.4
54	11.0	9.6	14.4
68	7.7	6.7	10.1

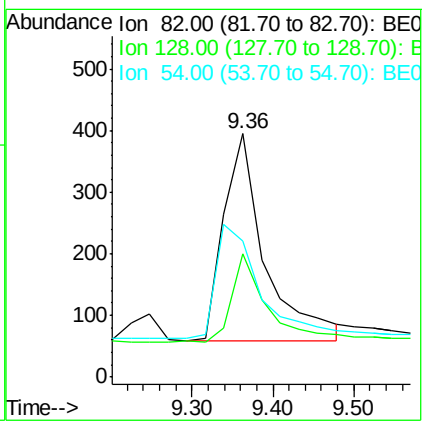


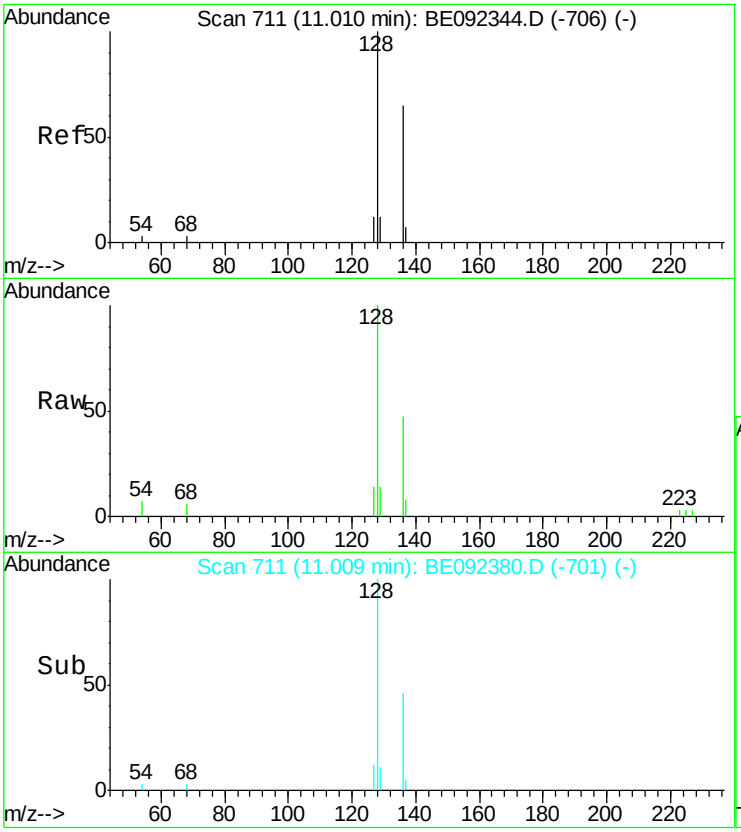


#8
Nitrobenzene-d5
Concen: 0.41 ng
RT: 9.36 min Scan# 628
Delta R.T. 0.00 min
Lab File: BE092380.D
Acq: 13 Sep 2016 12:35

Tgt Ion: 82 Resp: 1179

Ion	Ratio	Lower	Upper
82	100		
128	50.4	39.0	58.4
54	55.9	44.8	67.2



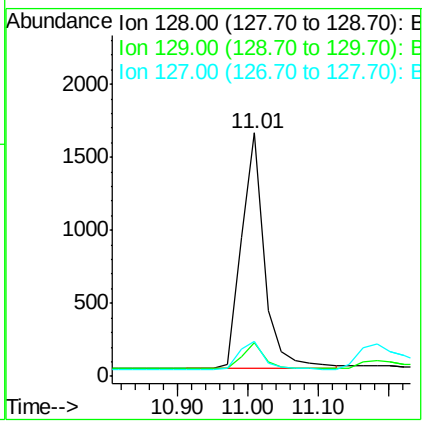


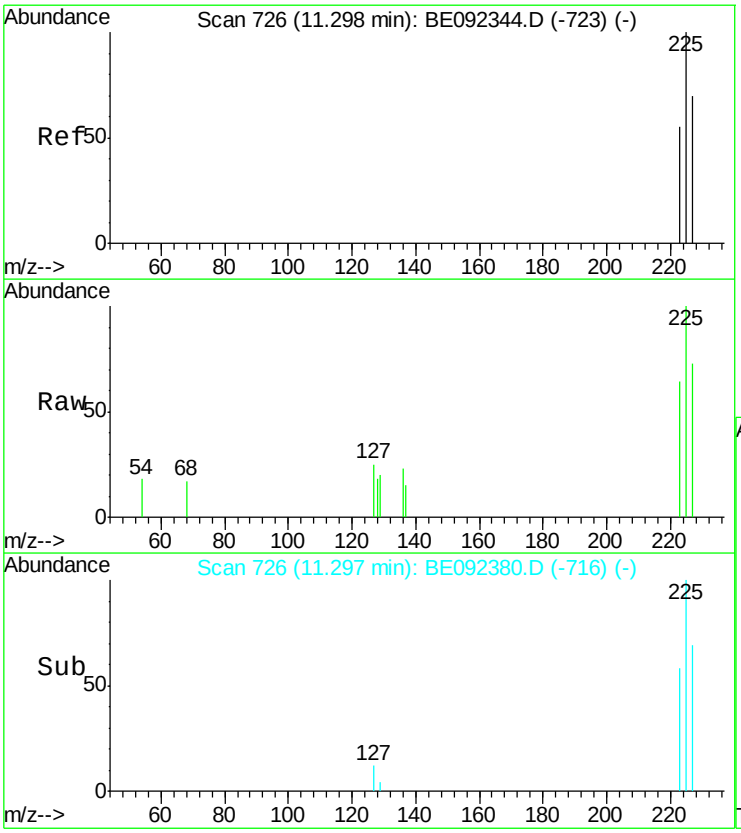
#9
Naphthalene
Concen: 0.40 ng
RT: 11.01 min Scan# 711
Delta R.T. -0.00 min
Lab File: BE092380.D
Acq: 13 Sep 2016 12:35

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:128 Resp: 3658

Ion	Ratio	Lower	Upper
128	100		
129	14.1	11.2	16.8
127	14.5	11.6	17.4

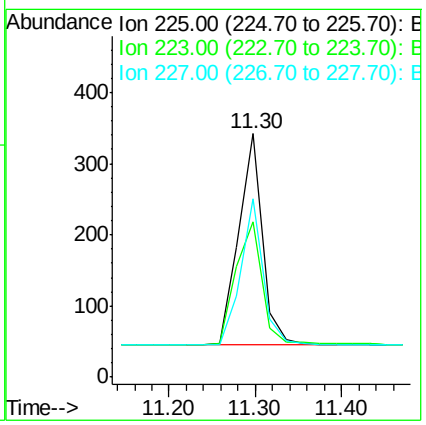


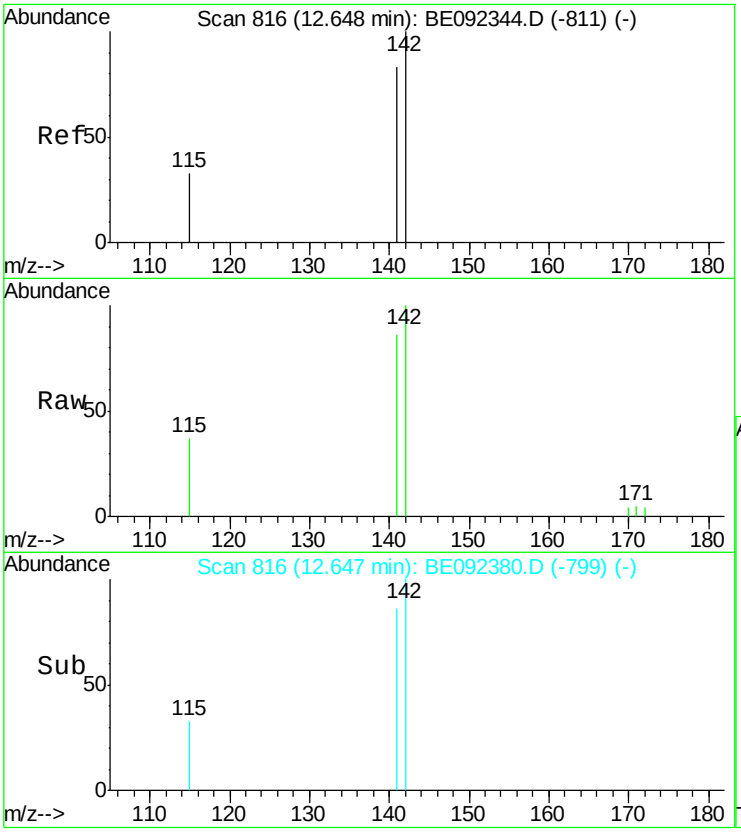


#10
Hexachlorobutadiene
Concen: 0.40 ng
RT: 11.30 min Scan# 726
Delta R.T. -0.00 min
Lab File: BE092380.D
Acq: 13 Sep 2016 12:35

Tgt Ion:225 Resp: 571

Ion	Ratio	Lower	Upper
225	100		
223	65.8	50.6	76.0
227	65.1	51.4	77.0



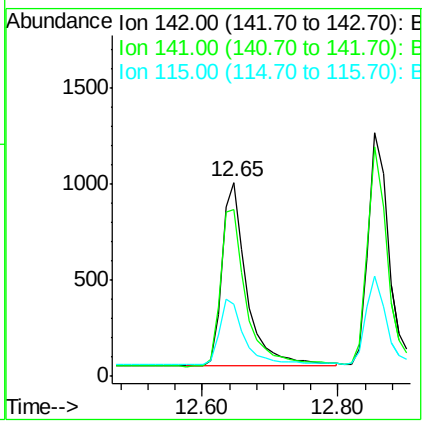


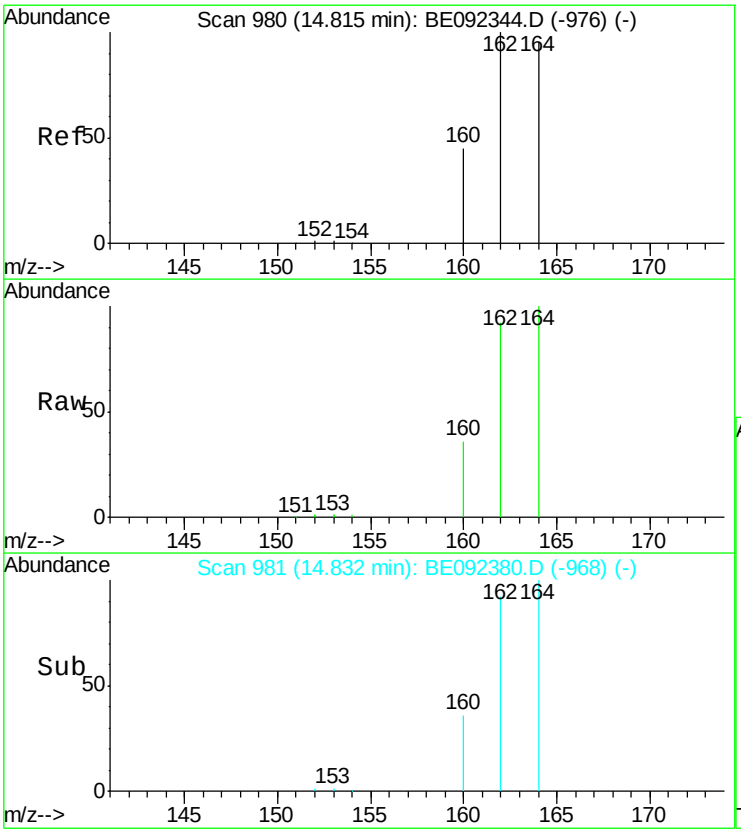
#11
2-Methylnaphthalene
Concen: 0.42 ng
RT: 12.65 min Scan# 816
Delta R.T. -0.00 min
Lab File: BE092380.D
Acq: 13 Sep 2016 12:35

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:142 Resp: 2467

Ion	Ratio	Lower	Upper
142	100		
141	85.8	73.7	110.5
115	37.1	34.0	51.0

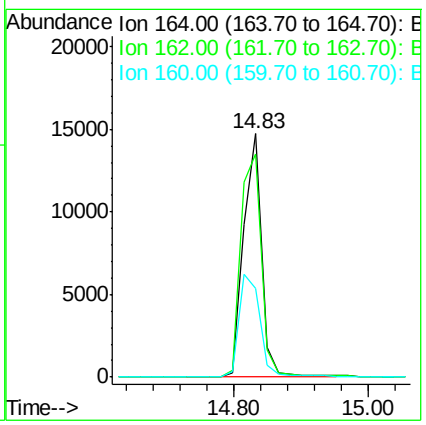


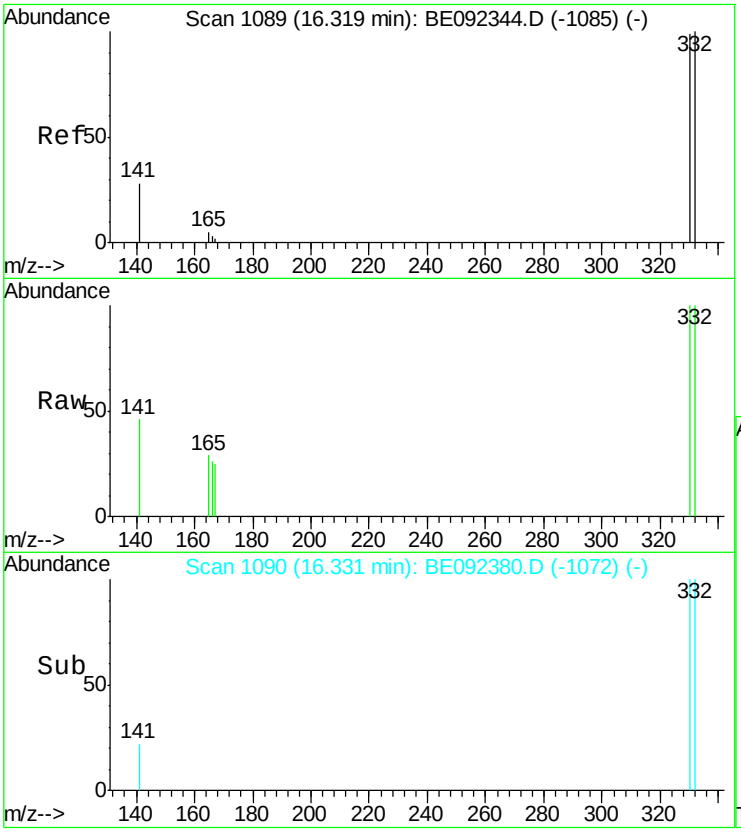


#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.83 min Scan# 981
Delta R.T. 0.02 min
Lab File: BE092380.D
Acq: 13 Sep 2016 12:35

Tgt Ion:164 Resp: 26957

Ion	Ratio	Lower	Upper
164	100		
162	91.6	71.4	107.0
160	36.4	27.4	41.2



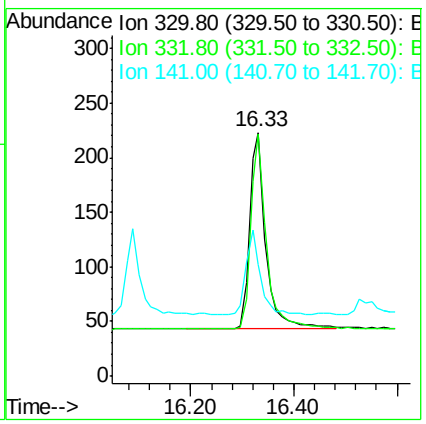


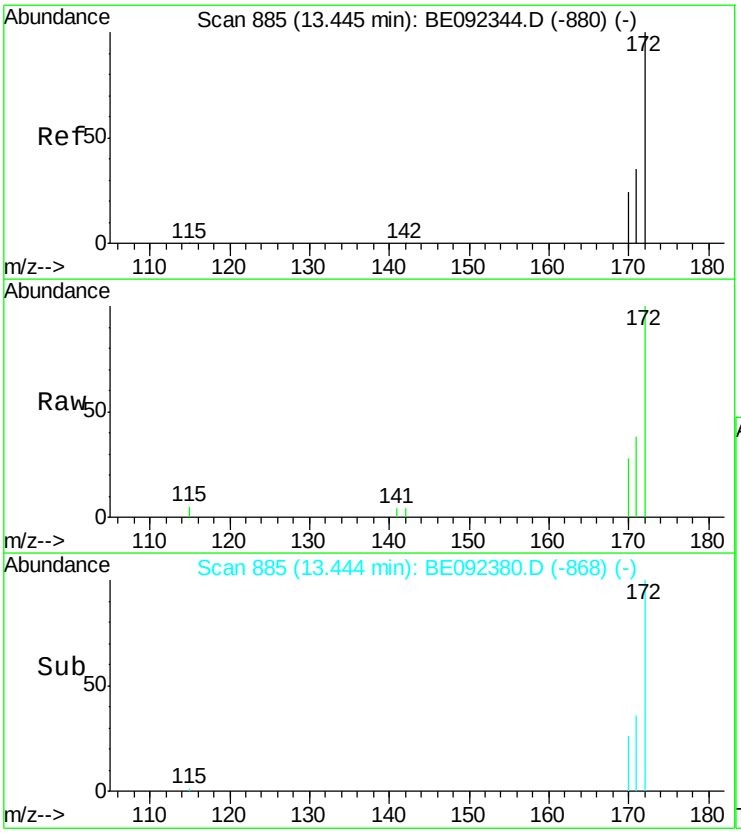
#13
2,4,6-Tribromophenol
Concen: 0.48 ng
RT: 16.33 min Scan# 1090
Delta R.T. 0.01 min
Lab File: BE092380.D
Acq: 13 Sep 2016 12:35

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:330 Resp: 398

Ion	Ratio	Lower	Upper
330	100		
332	95.5	75.4	113.0
141	38.4	31.0	46.6

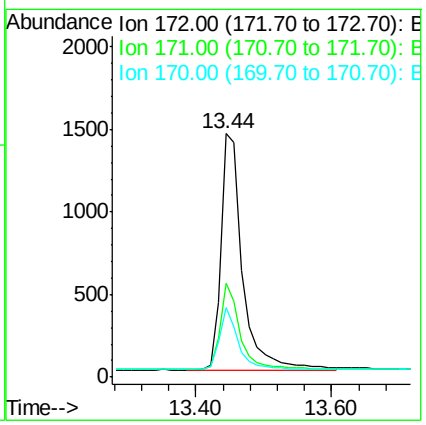


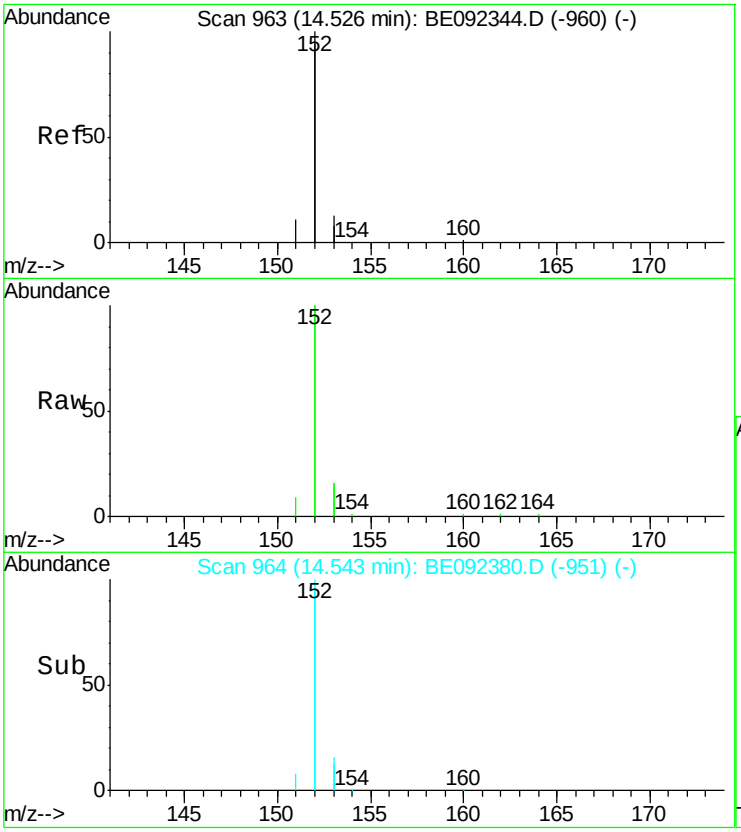


#14
2-Fluorobiphenyl
Concen: 0.39 ng
RT: 13.44 min Scan# 885
Delta R.T. -0.00 min
Lab File: BE092380.D
Acq: 13 Sep 2016 12:35

Tgt Ion:172 Resp: 3186

Ion	Ratio	Lower	Upper
172	100		
171	38.4	30.1	45.1
170	28.5	21.8	32.6



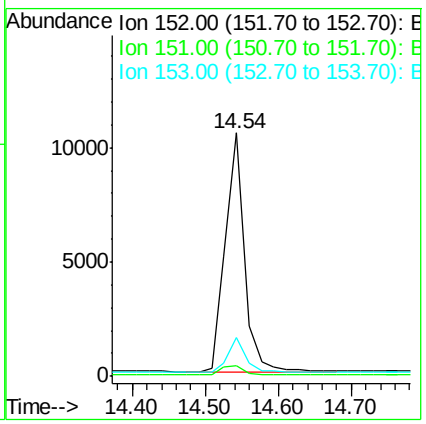


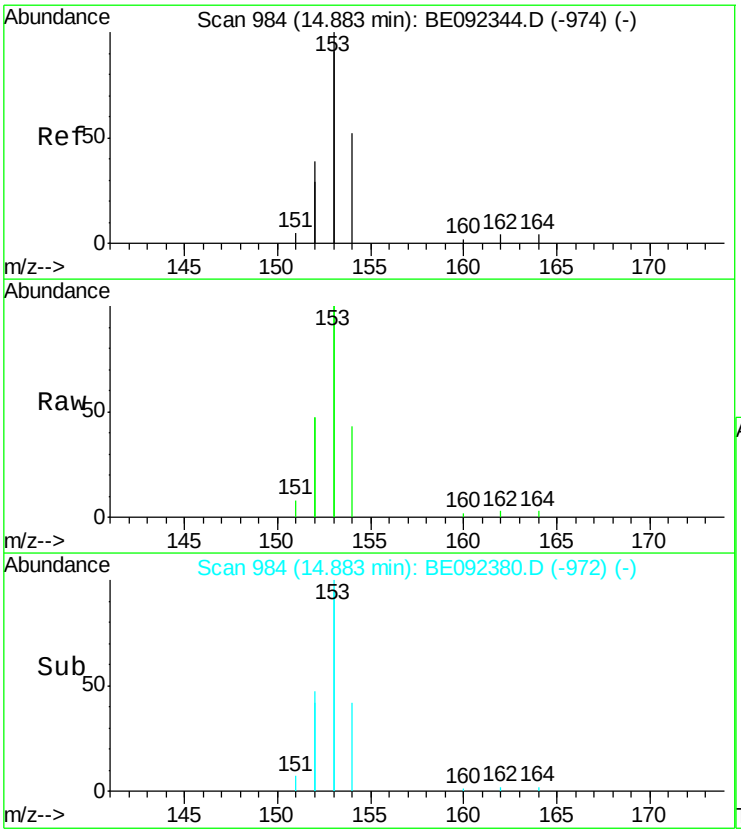
#15
Acenaphthylene
Concen: 0.41 ng
RT: 14.54 min Scan# 964
Delta R.T. 0.02 min
Lab File: BE092380.D
Acq: 13 Sep 2016 12:35

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:152 Resp: 18932

Ion	Ratio	Lower	Upper
152	100		
151	4.9	3.9	5.9
153	13.1	10.4	15.6

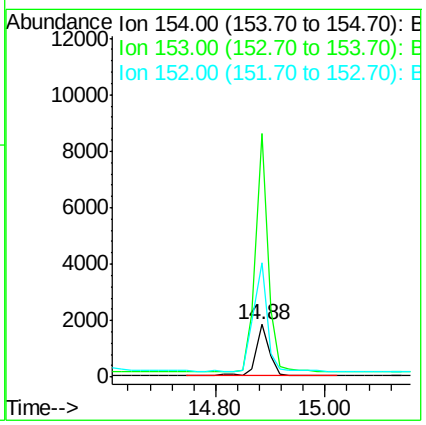


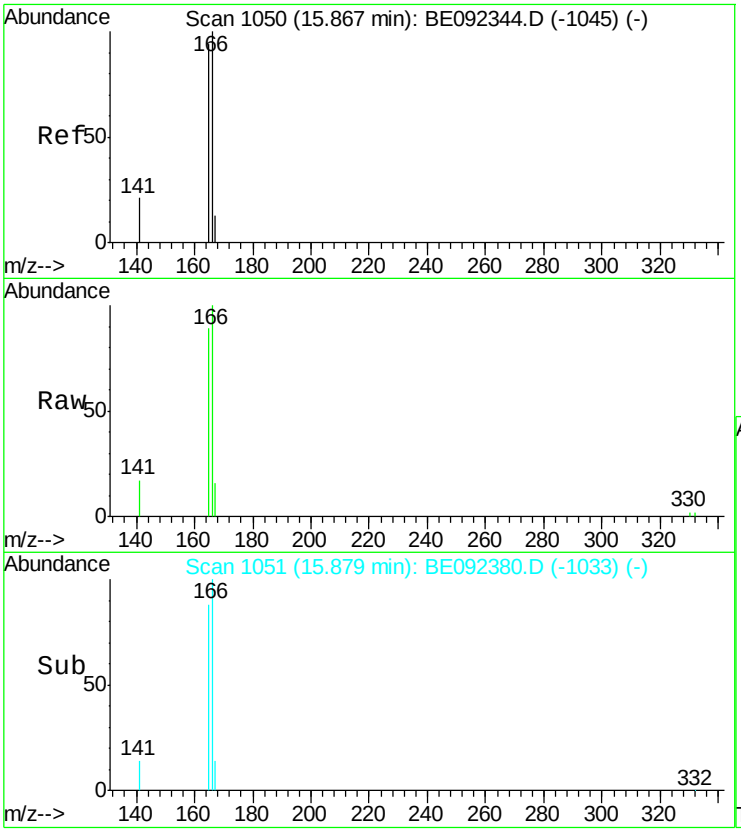


#16
Acenaphthene
Concen: 0.40 ng
RT: 14.88 min Scan# 984
Delta R.T. 0.00 min
Lab File: BE092380.D
Acq: 13 Sep 2016 12:35

Tgt Ion:154 Resp: 3041

Ion	Ratio	Lower	Upper
154	100		
153	439.0	350.8	526.2
152	216.7	171.1	256.7



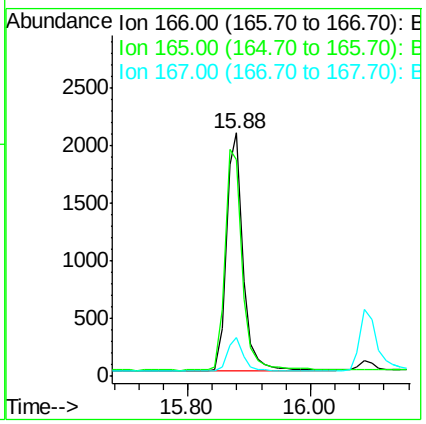


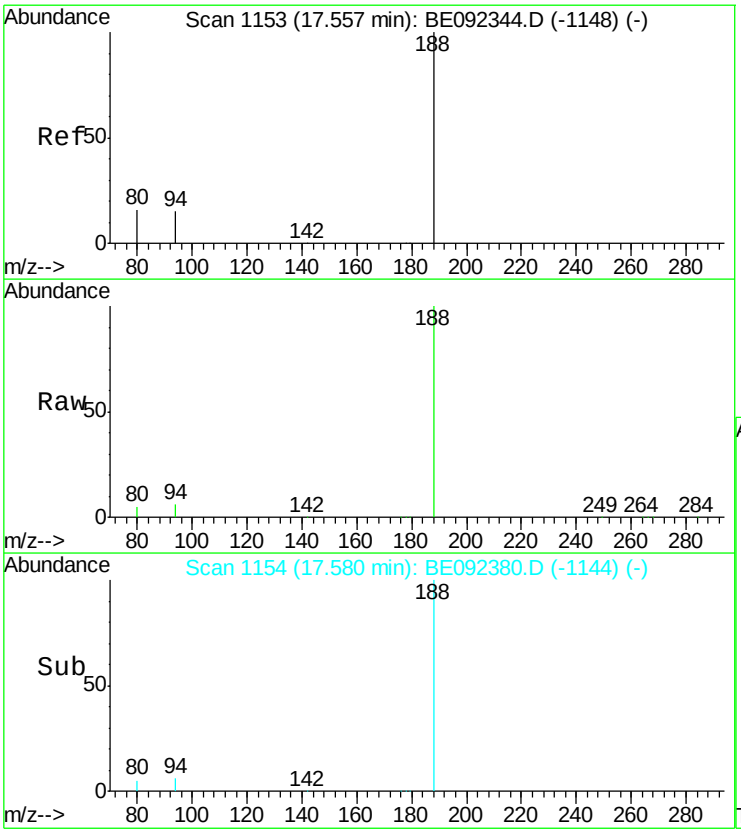
#17
Fluorene
Concen: 0.41 ng
RT: 15.88 min Scan# 1051
Delta R.T. 0.01 min
Lab File: BE092380.D
Acq: 13 Sep 2016 12:35

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:166 Resp: 3852

Ion	Ratio	Lower	Upper
166	100		
165	97.6	78.2	117.4
167	13.5	11.0	16.4

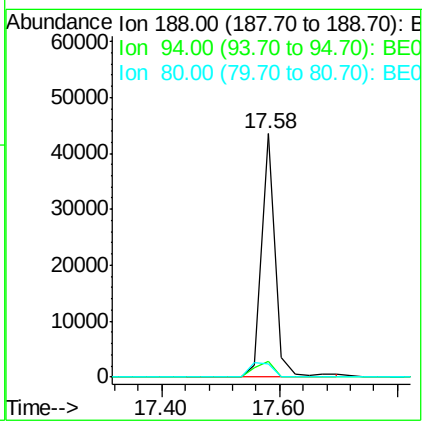


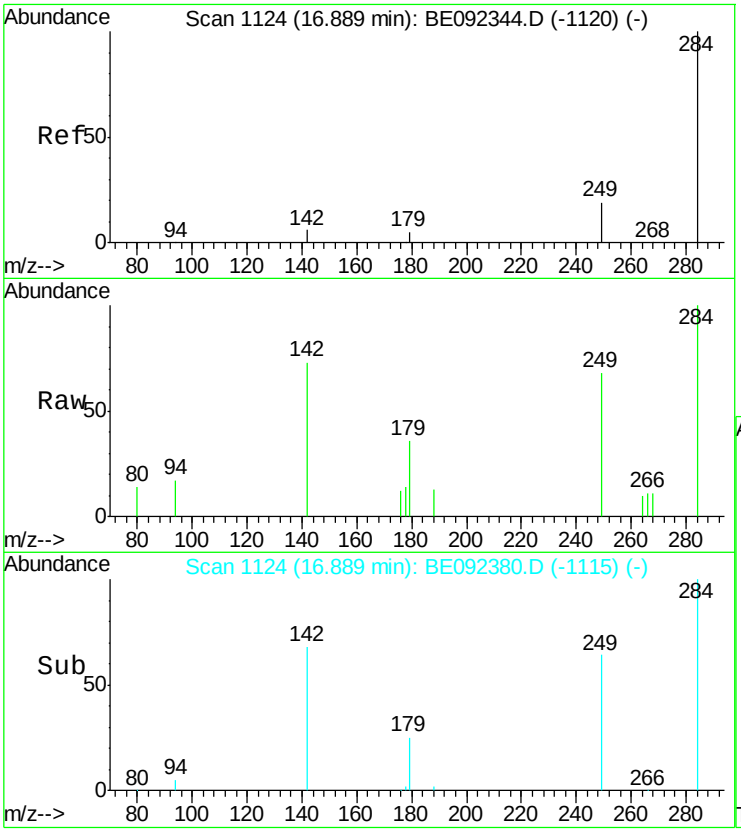


#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.58 min Scan# 1154
Delta R.T. 0.02 min
Lab File: BE092380.D
Acq: 13 Sep 2016 12:35

Tgt Ion:188 Resp: 70218

Ion	Ratio	Lower	Upper
188	100		
94	6.3	3.2	4.8#
80	5.5	2.6	3.8#



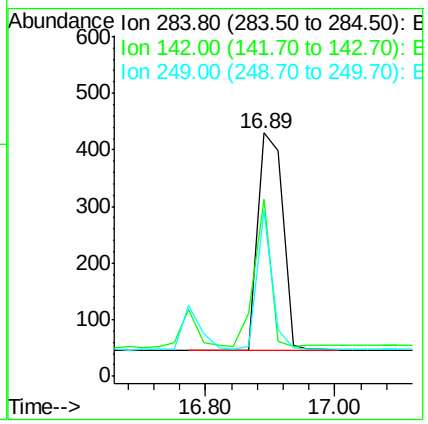


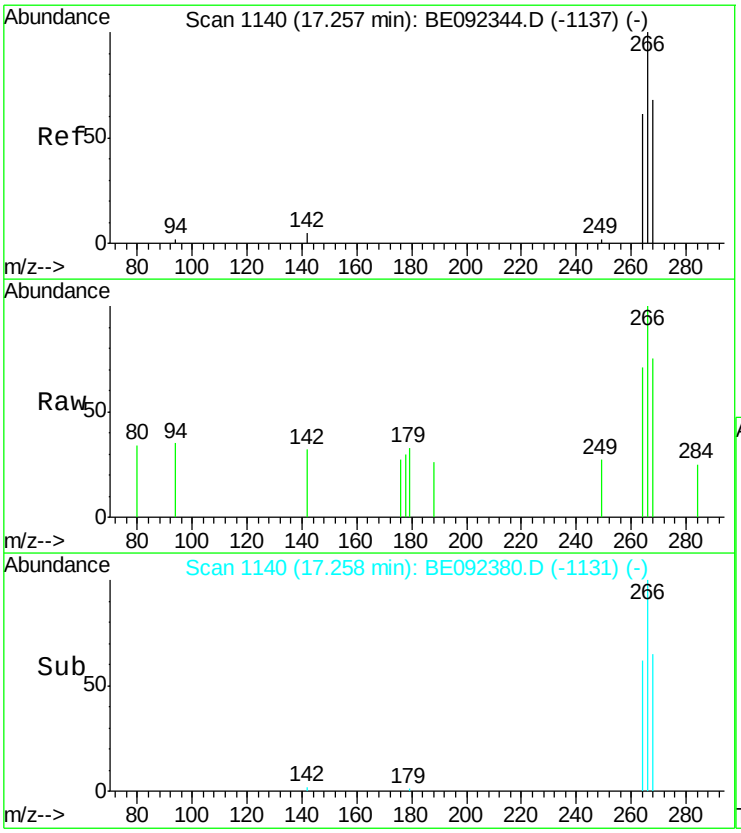
#19
Hexachlorobenzene
Concen: 0.31 ng
RT: 16.89 min Scan# 1124
Delta R.T. 0.00 min
Lab File: BE092380.D
Acq: 13 Sep 2016 12:35

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:284 Resp: 1048

Ion	Ratio	Lower	Upper
284	100		
142	43.2	29.1	43.7
249	38.0	27.9	41.9

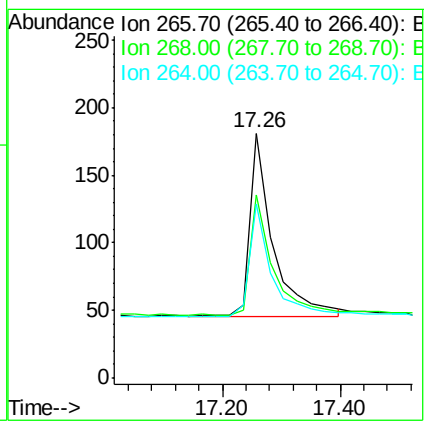


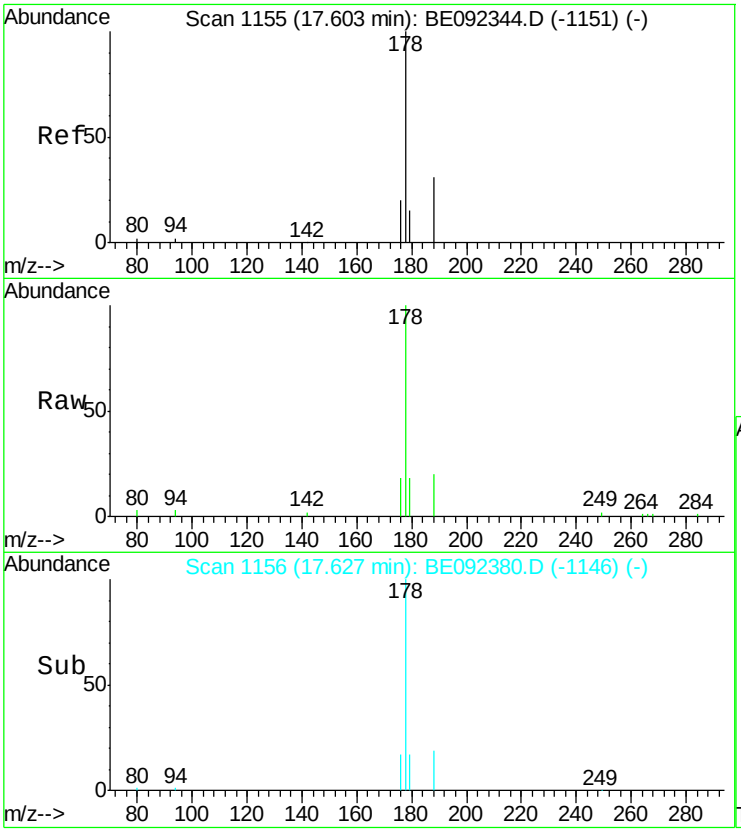


#20
Pentachlorophenol
Concen: 0.56 ng
RT: 17.26 min Scan# 1140
Delta R.T. 0.00 min
Lab File: BE092380.D
Acq: 13 Sep 2016 12:35

Tgt Ion:266 Resp: 377

Ion	Ratio	Lower	Upper
266	100		
268	74.6	62.5	93.7
264	71.3	57.2	85.8



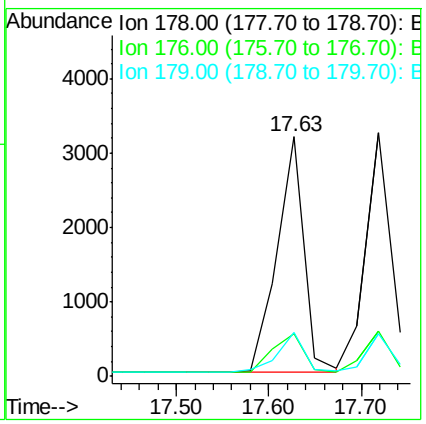


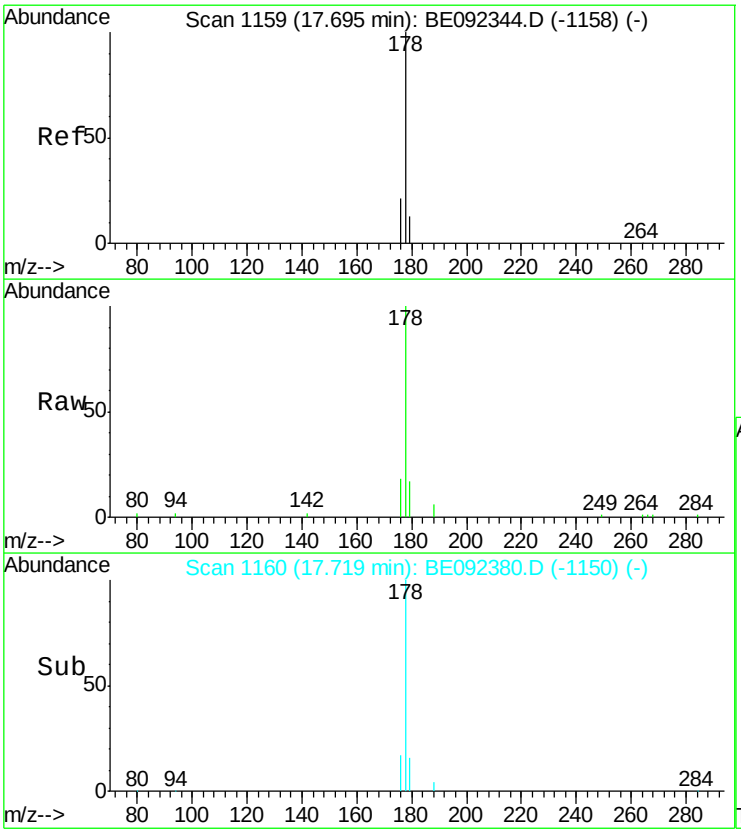
#21
Phenanthrene
Concen: 0.32 ng
RT: 17.63 min Scan# 1156
Delta R.T. 0.02 min
Lab File: BE092380.D
Acq: 13 Sep 2016 12:35

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:178 Resp: 6412

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.8	23.8
179	16.5	16.0	24.0

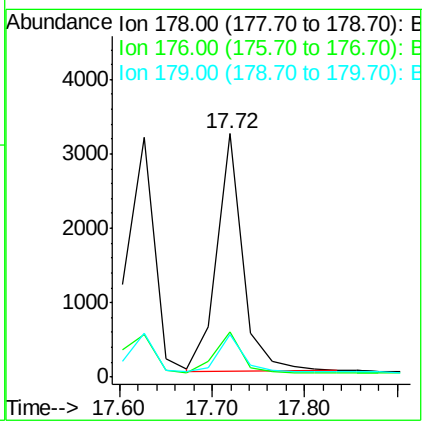


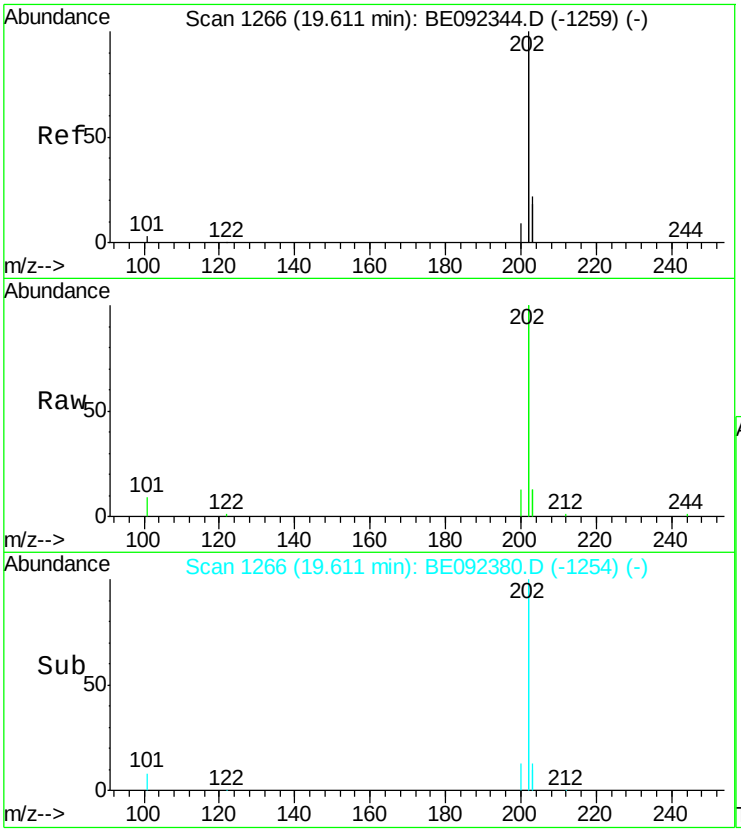


#22
Anthracene
Concen: 0.36 ng
RT: 17.72 min Scan# 1160
Delta R.T. 0.02 min
Lab File: BE092380.D
Acq: 13 Sep 2016 12:35

Tgt Ion:178 Resp: 6282

Ion	Ratio	Lower	Upper
178	100		
176	18.1	15.0	22.4
179	15.5	12.2	18.2



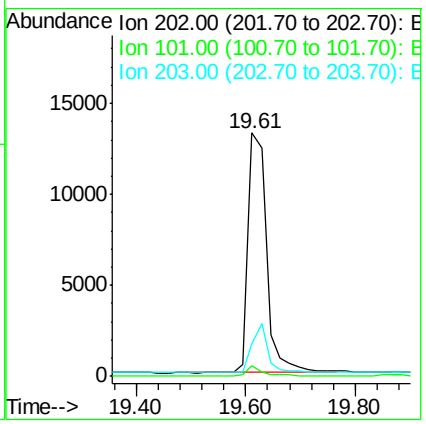


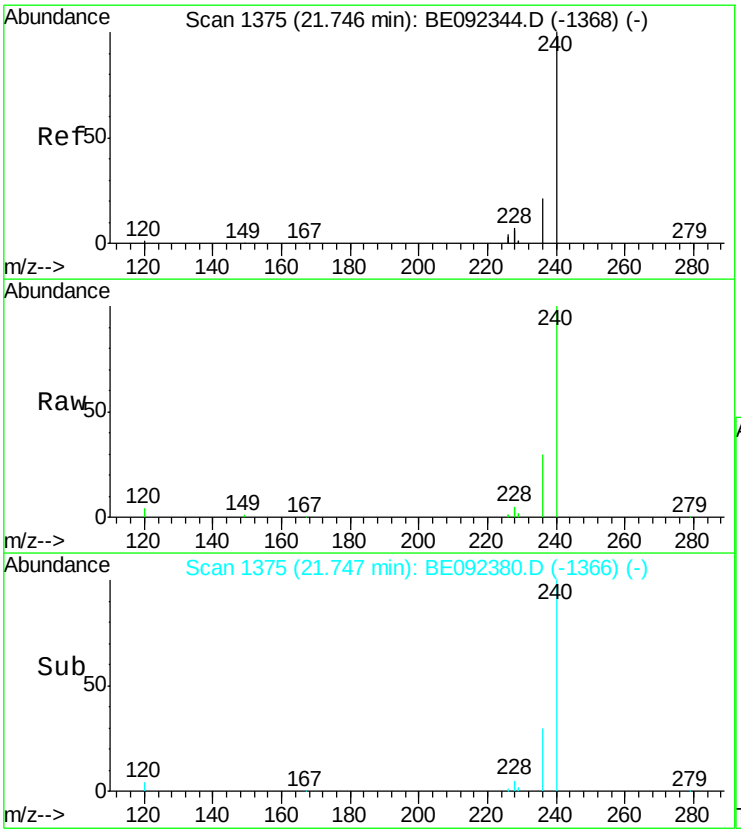
#23
Fluoranthene
Concen: 0.36 ng
RT: 19.61 min Scan# 1266
Delta R.T. 0.00 min
Lab File: BE092380.D
Acq: 13 Sep 2016 12:35

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:202 Resp: 30796

Ion	Ratio	Lower	Upper
202	100		
101	2.8	2.2	3.4
203	17.3	13.7	20.5

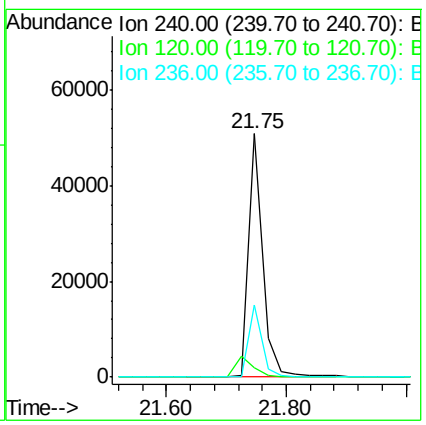


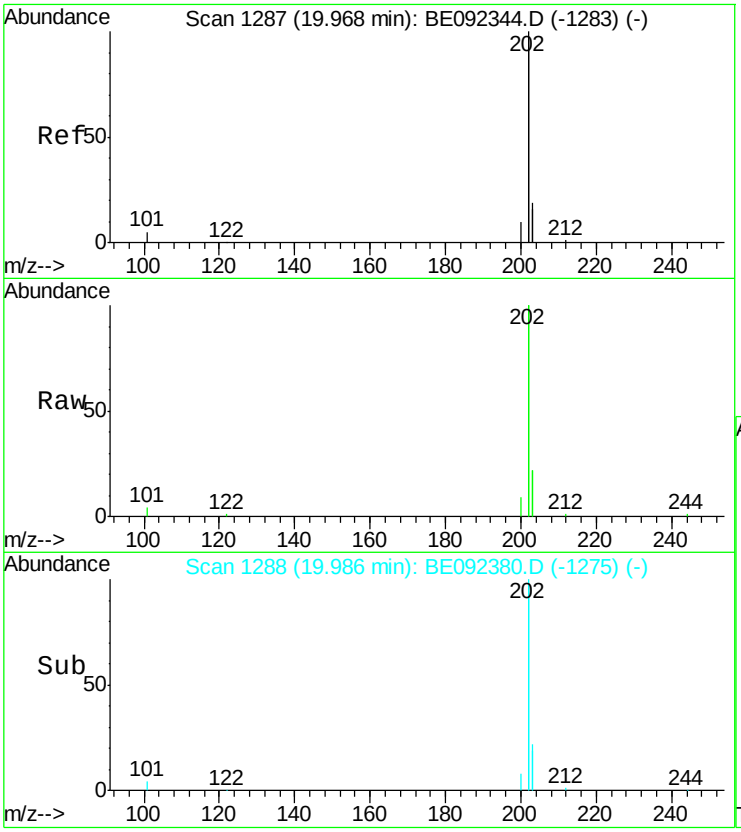


#24
Chrysene-d12
Concen: 5.00 ng
RT: 21.75 min Scan# 1375
Delta R.T. 0.00 min
Lab File: BE092380.D
Acq: 13 Sep 2016 12:35

Tgt Ion:240 Resp: 83443

Ion	Ratio	Lower	Upper
240	100		
120	3.9	2.6	4.0
236	29.8	24.6	37.0



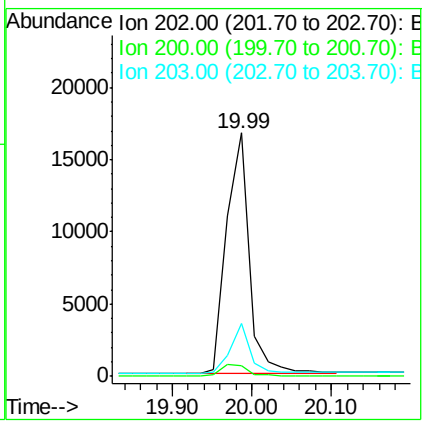


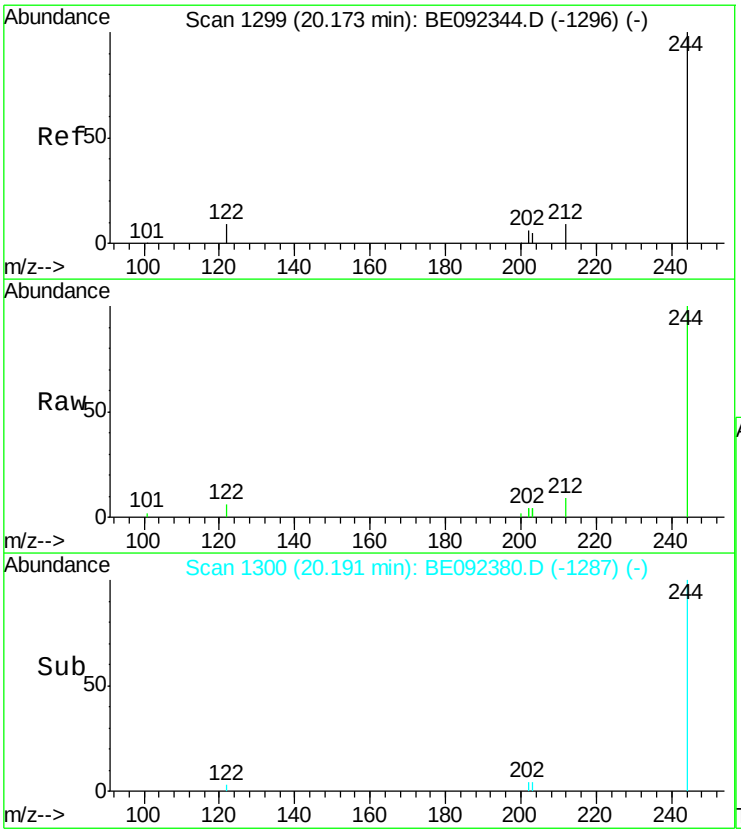
#25
Pyrene
Concen: 0.40 ng
RT: 19.99 min Scan# 1288
Delta R.T. 0.02 min
Lab File: BE092380.D
Acq: 13 Sep 2016 12:35

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:202 Resp: 32517

Ion	Ratio	Lower	Upper
202	100		
200	5.3	4.2	6.4
203	17.8	13.9	20.9

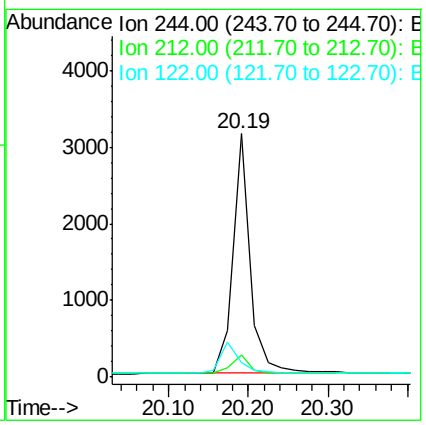


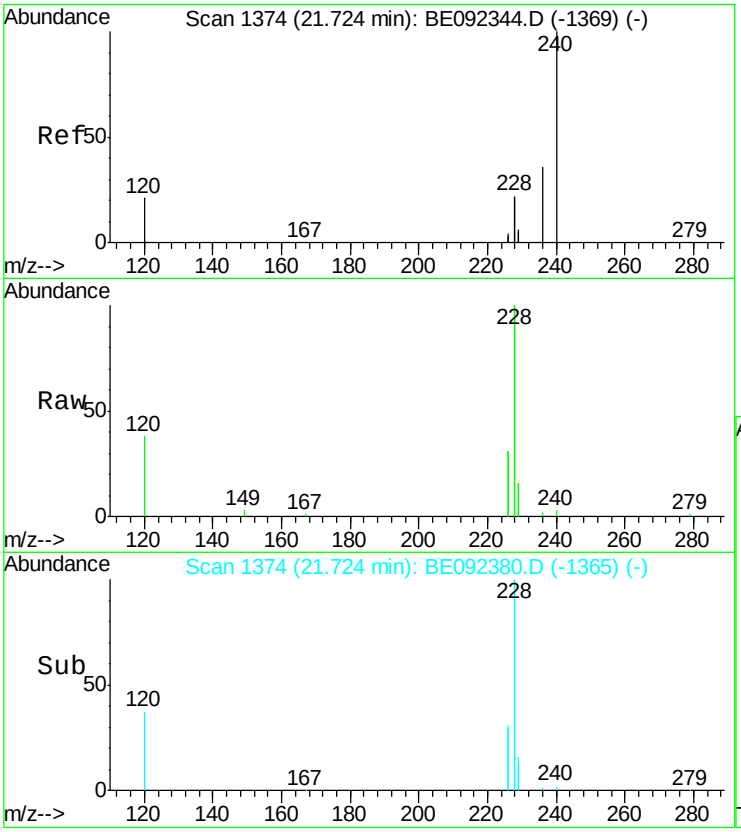


#26
Terphenyl-d14
Concen: 0.38 ng
RT: 20.19 min Scan# 1300
Delta R.T. 0.02 min
Lab File: BE092380.D
Acq: 13 Sep 2016 12:35

Tgt Ion:244 Resp: 4734

Ion	Ratio	Lower	Upper
244	100		
212	9.2	6.7	10.1
122	5.9	3.6	5.4#



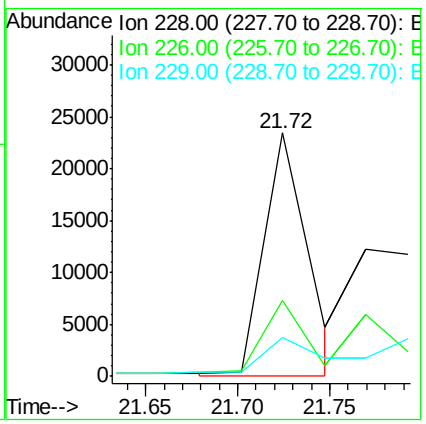


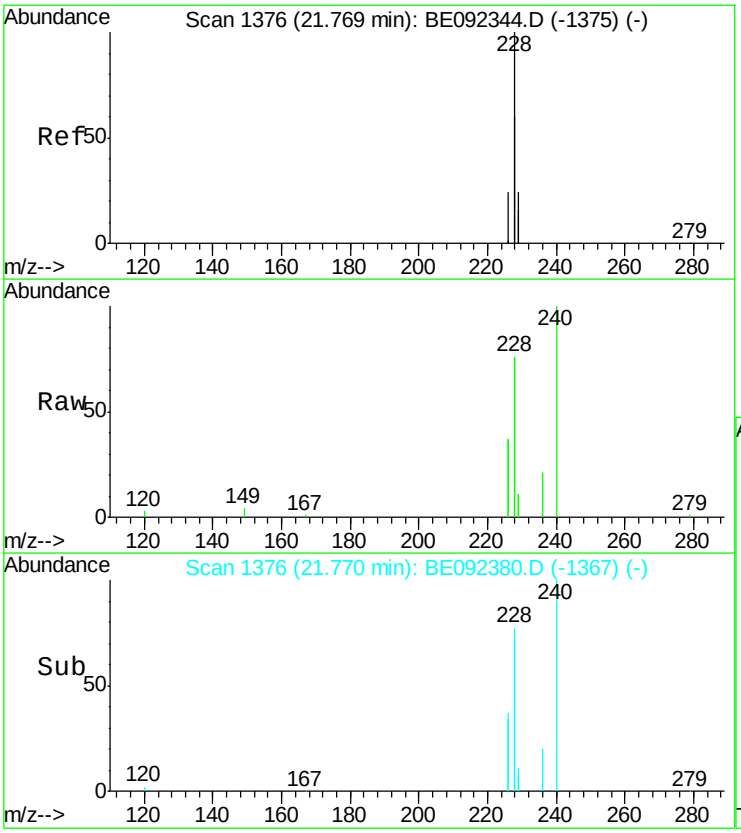
#27
Benzo(a)anthracene
Concen: 0.43 ng m
RT: 21.72 min Scan# 1374
Delta R.T. 0.00 min
Lab File: BE092380.D
Acq: 13 Sep 2016 12:35

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:228 Resp: 38870

Ion	Ratio	Lower	Upper
228	100		
226	31.0	23.6	35.4
229	16.1	13.3	19.9

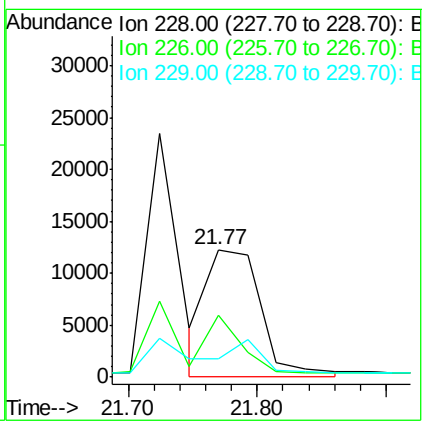


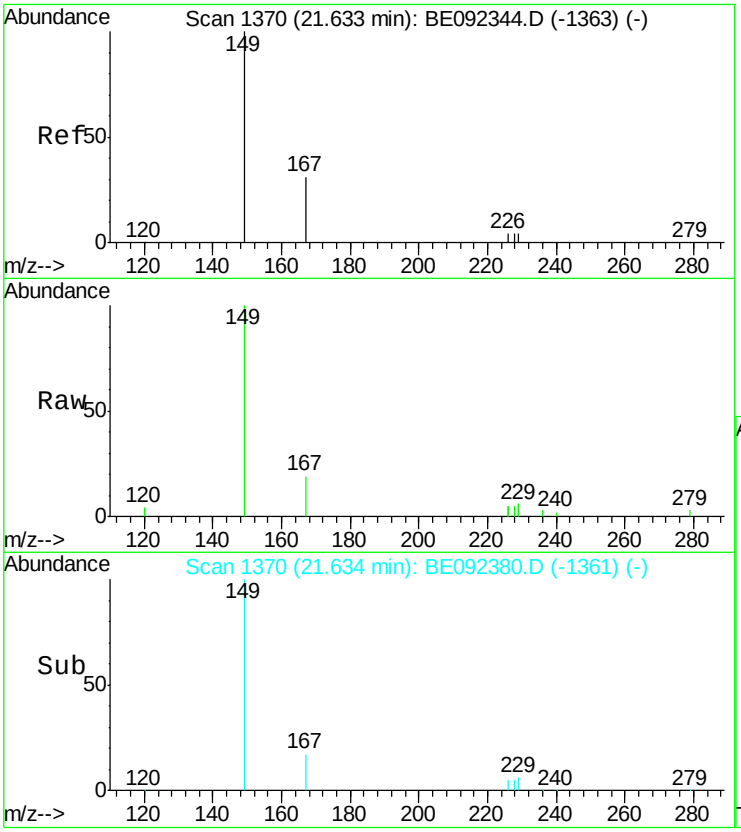


#28
Chrysene
Concen: 0.33 ng m
RT: 21.77 min Scan# 1376
Delta R.T. 0.00 min
Lab File: BE092380.D
Acq: 13 Sep 2016 12:35

Tgt Ion:228 Resp: 36359

Ion	Ratio	Lower	Upper
228	100		
226	48.5	36.3	54.5
229	14.2	10.6	16.0



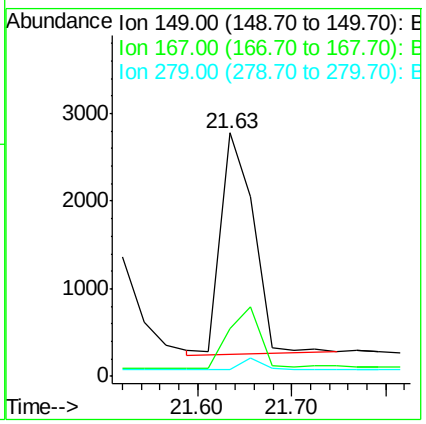


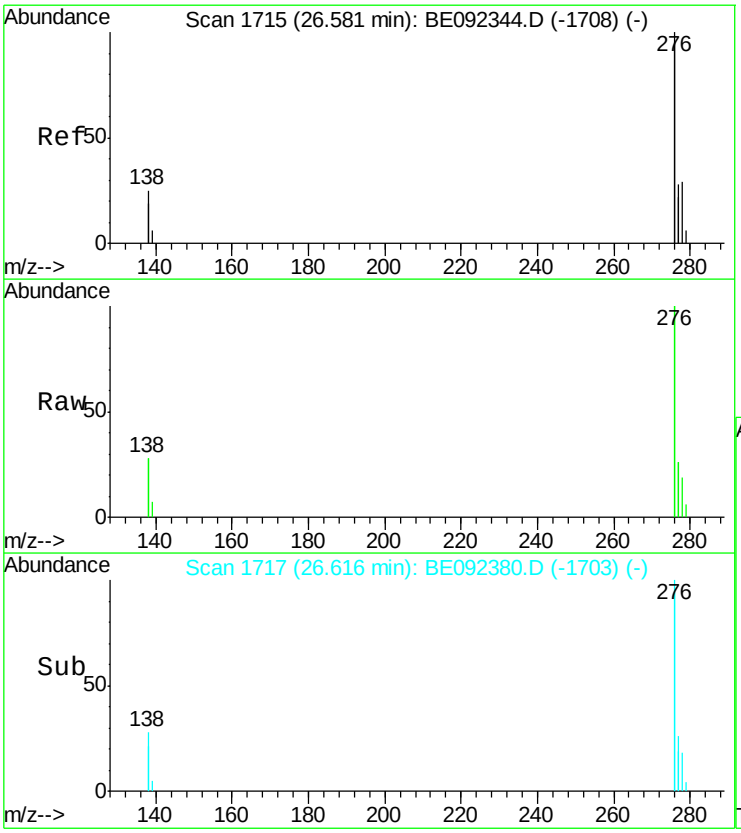
#29
Bis(2-ethylhexyl)phthalate
Concen: 0.46 ng
RT: 21.63 min Scan# 1370
Delta R.T. 0.00 min
Lab File: BE092380.D
Acq: 13 Sep 2016 12:35

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:149 Resp: 6140

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

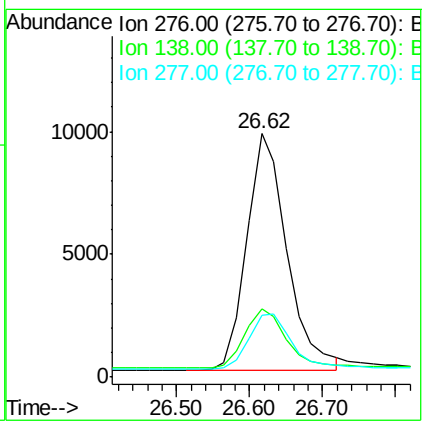


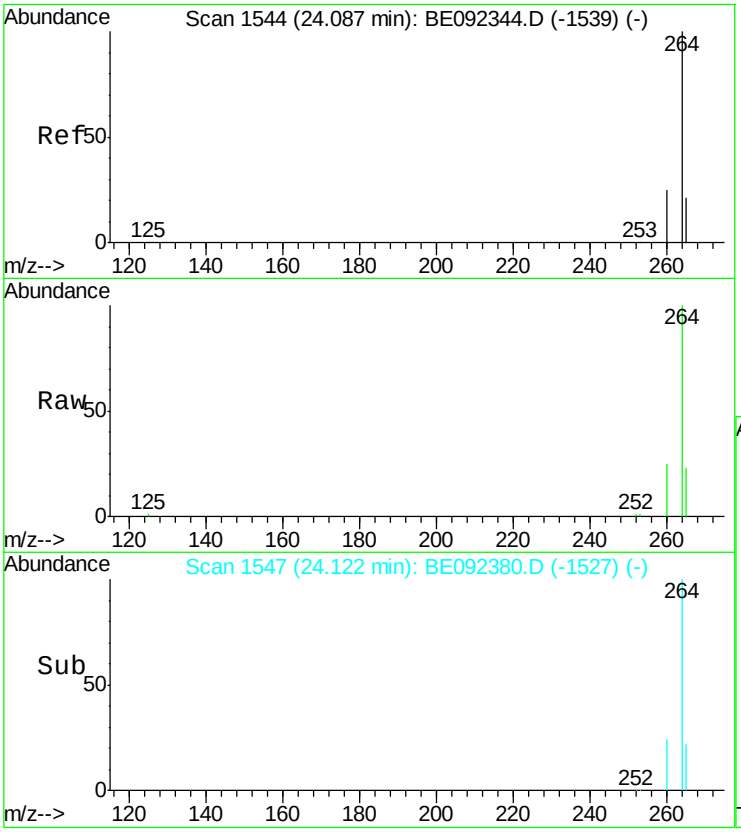


#30
Indeno(1,2,3-cd)pyrene
Concen: 0.39 ng
RT: 26.62 min Scan# 1717
Delta R.T. 0.04 min
Lab File: BE092380.D
Acq: 13 Sep 2016 12:35

Tgt Ion:276 Resp: 36865

Ion	Ratio	Lower	Upper
276	100		
138	26.3	20.3	30.5
277	24.6	19.7	29.5



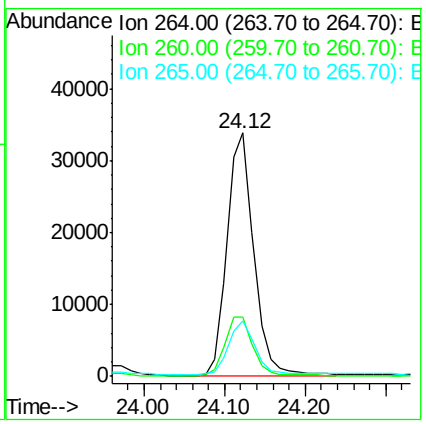


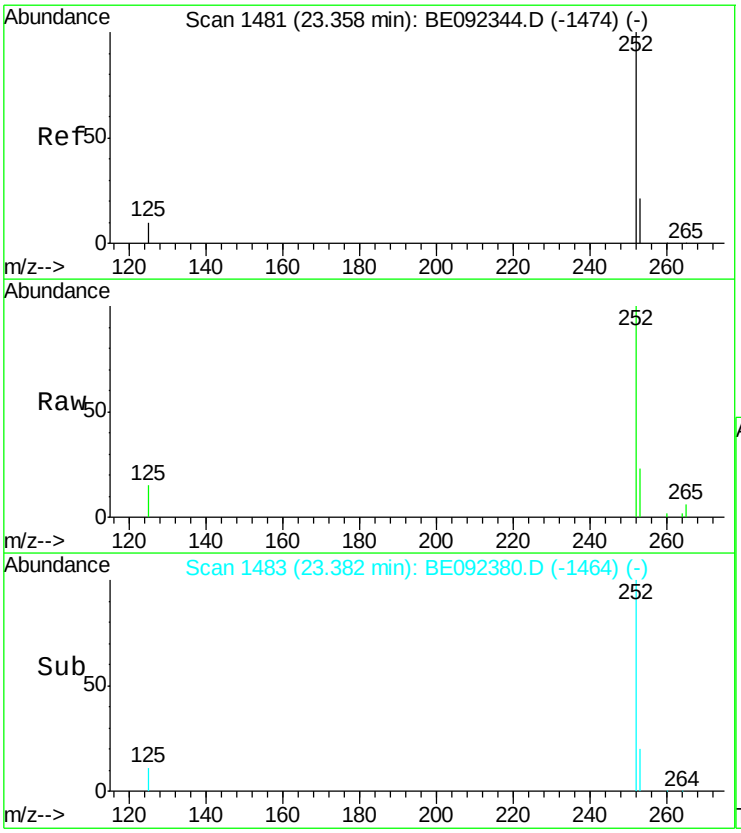
#31
Perylene-d12
Concen: 5.00 ng
RT: 24.12 min Scan# 1547
Delta R.T. 0.04 min
Lab File: BE092380.D
Acq: 13 Sep 2016 12:35

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:264 Resp: 77315

Ion	Ratio	Lower	Upper
264	100		
260	24.5	20.1	30.1
265	22.8	17.9	26.9

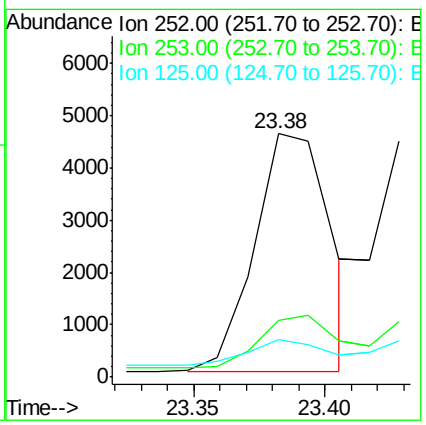


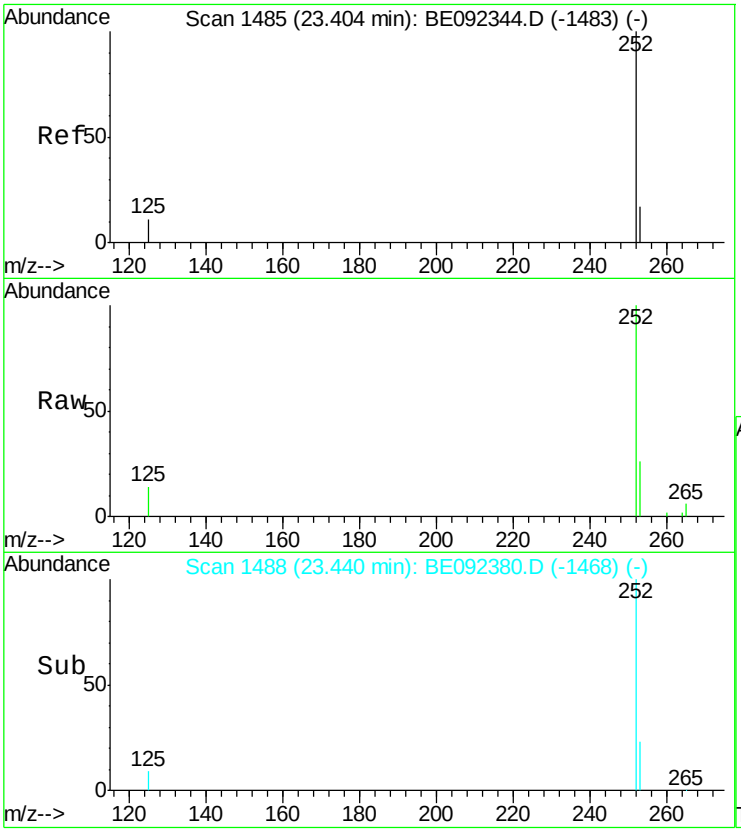


#32
Benzo(b)fluoranthene
Concen: 0.46 ng m
RT: 23.38 min Scan# 1483
Delta R.T. 0.02 min
Lab File: BE092380.D
Acq: 13 Sep 2016 12:35

Tgt Ion:252 Resp: 9186

Ion	Ratio	Lower	Upper
252	100		
253	23.4	18.7	28.1
125	15.3	10.5	15.7



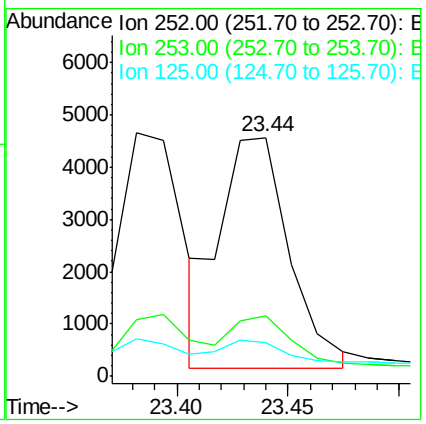


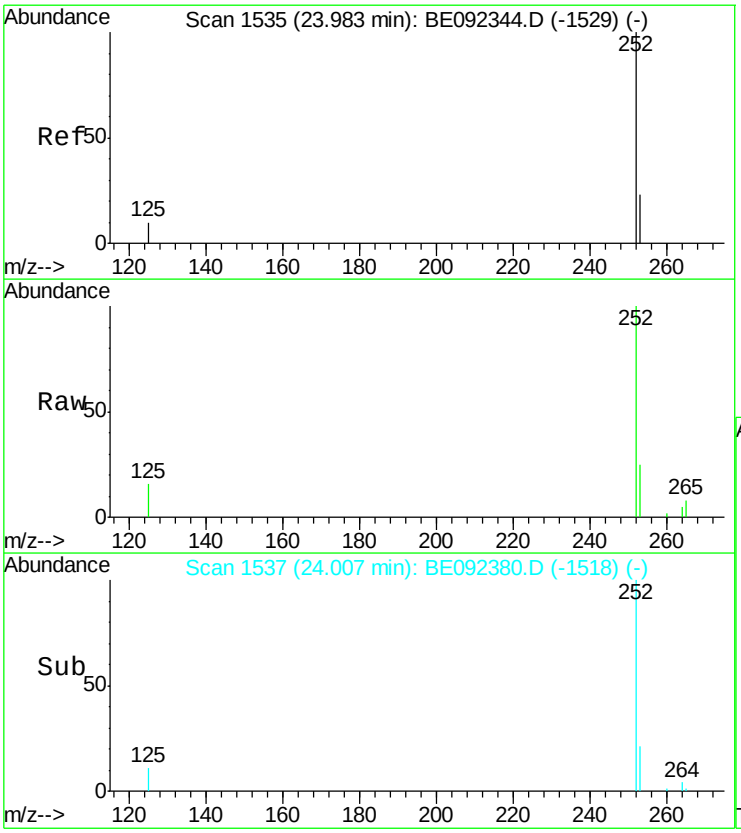
#33
Benzo(k)fluoranthene
Concen: 0.46 ng m
RT: 23.44 min Scan# 1488
Delta R.T. 0.04 min
Lab File: BE092380.D
Acq: 13 Sep 2016 12:35

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:252 Resp: 9629

Ion	Ratio	Lower	Upper
252	100		
253	25.6	20.3	30.5
125	14.1	9.6	14.4

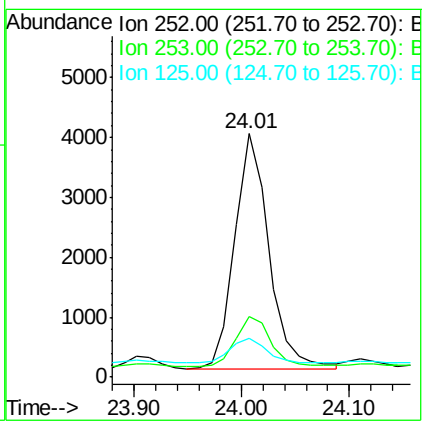


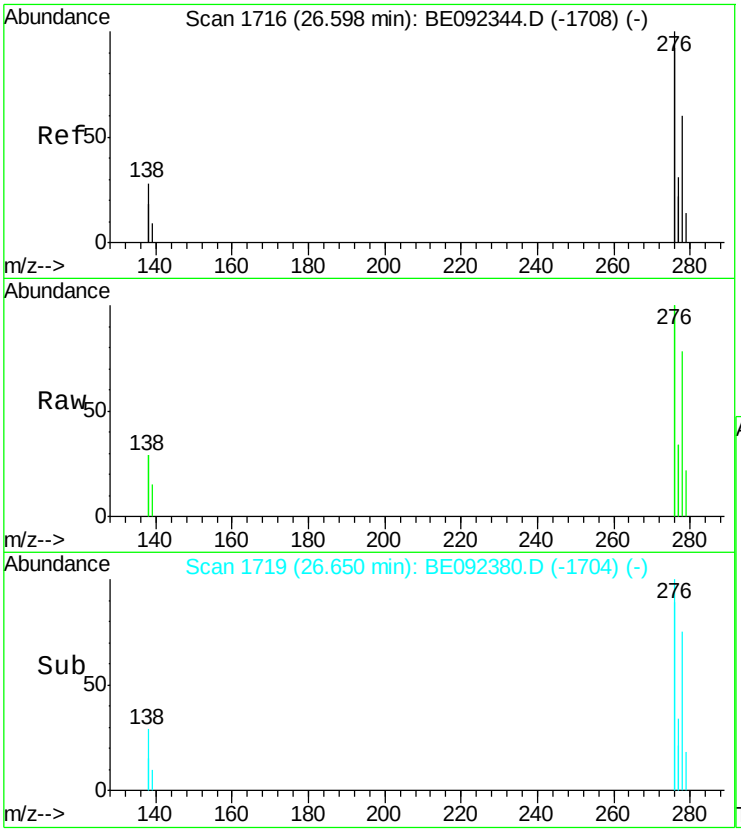


#34
Benzo(a)pyrene
Concen: 0.44 ng
RT: 24.01 min Scan# 1537
Delta R.T. 0.02 min
Lab File: BE092380.D
Acq: 13 Sep 2016 12:35

Tgt Ion:252 Resp: 8604

Ion	Ratio	Lower	Upper
252	100		
253	24.8	19.0	28.6
125	16.2	11.8	17.8



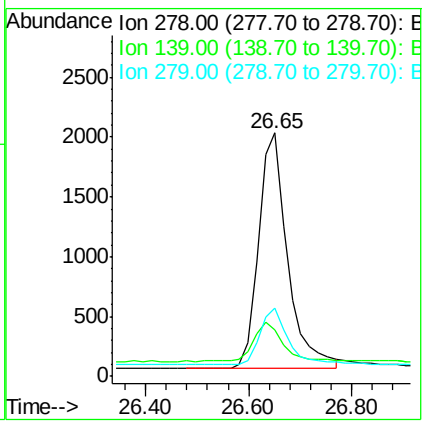


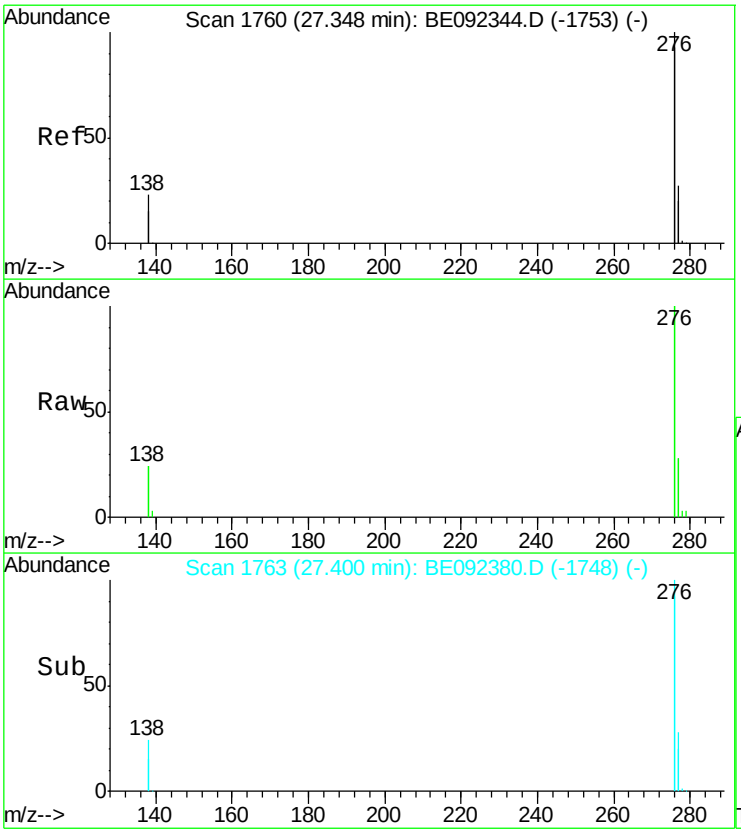
#35
Dibenzo(a,h)anthracene
Concen: 0.42 ng
RT: 26.65 min Scan# 1719
Delta R.T. 0.05 min
Lab File: BE092380.D
Acq: 13 Sep 2016 12:35

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:278 Resp: 7580

Ion	Ratio	Lower	Upper
278	100		
139	19.3	13.8	20.8
279	28.0	21.4	32.2





#36
Benzo(g,h,i)perylene
Concen: 0.42 ng
RT: 27.40 min Scan# 1763
Delta R.T. 0.05 min
Lab File: BE092380.D
Acq: 13 Sep 2016 12:35

Tgt Ion:276 Resp: 31988

Ion	Ratio	Lower	Upper
276	100		
277	28.0	19.8	29.8
138	24.2	19.8	29.6