Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE090116\
Data File : BE092332.D
Acq On : 1 Sep 2016 17:11
Operator : UM/SJ
Sample : SSTDICC0.1
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDICC0.1

Quant Time: Sep 02 03:19:00 2016
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE090116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 02 03:16:21 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.19	152	8826	5.00	ng		0.00
7) Naphthalene-d8	10.95	136	42864	5.00	ng		0.00
12) Acenaphthene-d10	14.83	164	27480	5.00	ng		0.00
18) Phenanthrene-d10	17.58	188	70473	5.00	ng		0.00
24) Chrysene-d12	21.75	240	102944	5.00	ng		0.00
31) Perylene-d12	24.12	264	94156	5.00	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.69	112	246	0.12	ng		0.00
5) Phenol-d6	7.36	99	329	0.12	ng		0.00
8) Nitrobenzene-d5	9.39	82	326	0.11	ng		0.02
13) 2,4,6-Tribromophenol	16.33	330	106	0.13	ng		0.01
14) 2-Fluorobiphenyl	13.46	172	949	0.11	ng		0.01
26) Terphenyl-d14	20.19	244	1545	0.11	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.42	88	187	0.15	ng	#	83
3) n-Nitrosodimethylamine	3.80	42	100	0.08	ng	#	2
6) bis(2-Chloroethyl)ether	7.61	93	211	0.10	ng	#	92
9) Naphthalene	11.01	128	1115	0.12	ng	#	87
10) Hexachlorobutadiene	11.30	225	186	0.13	ng		97
11) 2-Methylnaphthalene	12.66	142	672	0.11	ng	#	95
15) Acenaphthylene	14.54	152	5251	0.11	ng		100
16) Acenaphthene	14.88	154	954	0.12	ng		89
17) Fluorene	15.88	166	1097	0.12	ng		99
19) Hexachlorobenzene	16.89	284	337	0.12	ng		99
20) Pentachlorophenol	17.26	266	77	0.10	ng	#	82
21) Phenanthrene	17.60	178	1993	0.12	ng	#	99
22) Anthracene	17.72	178	1753	0.11	ng		99
23) Fluoranthene	19.61	202	9359	0.12	ng		100
25) Pyrene	19.99	202	9947	0.10	ng		100
27) Benzo(a)anthracene	21.72	228	24142	0.22	ng		98
28) Chrysene	21.72	228	24335	0.25	ng	#	78
29) Bis(2-ethylhexyl)phthalate	21.63	149	1178	0.16	ng	#	100
30) Indeno(1,2,3-cd)pyrene	26.62	276	12268	0.12	ng		98
32) Benzo(b)fluoranthene	23.38	252	3067	0.14	ng	#	88
33) Benzo(k)fluoranthene	23.44	252	2741	0.11	ng	#	89
34) Benzo(a)pyrene	24.01	252	2779	0.12	ng	#	84
35) Dibenzo(a,h)anthracene	26.65	278	2503	0.13	ng	#	88
36) Benzo(g,h,i)perylene	27.40	276	10675	0.12	ng	#	92

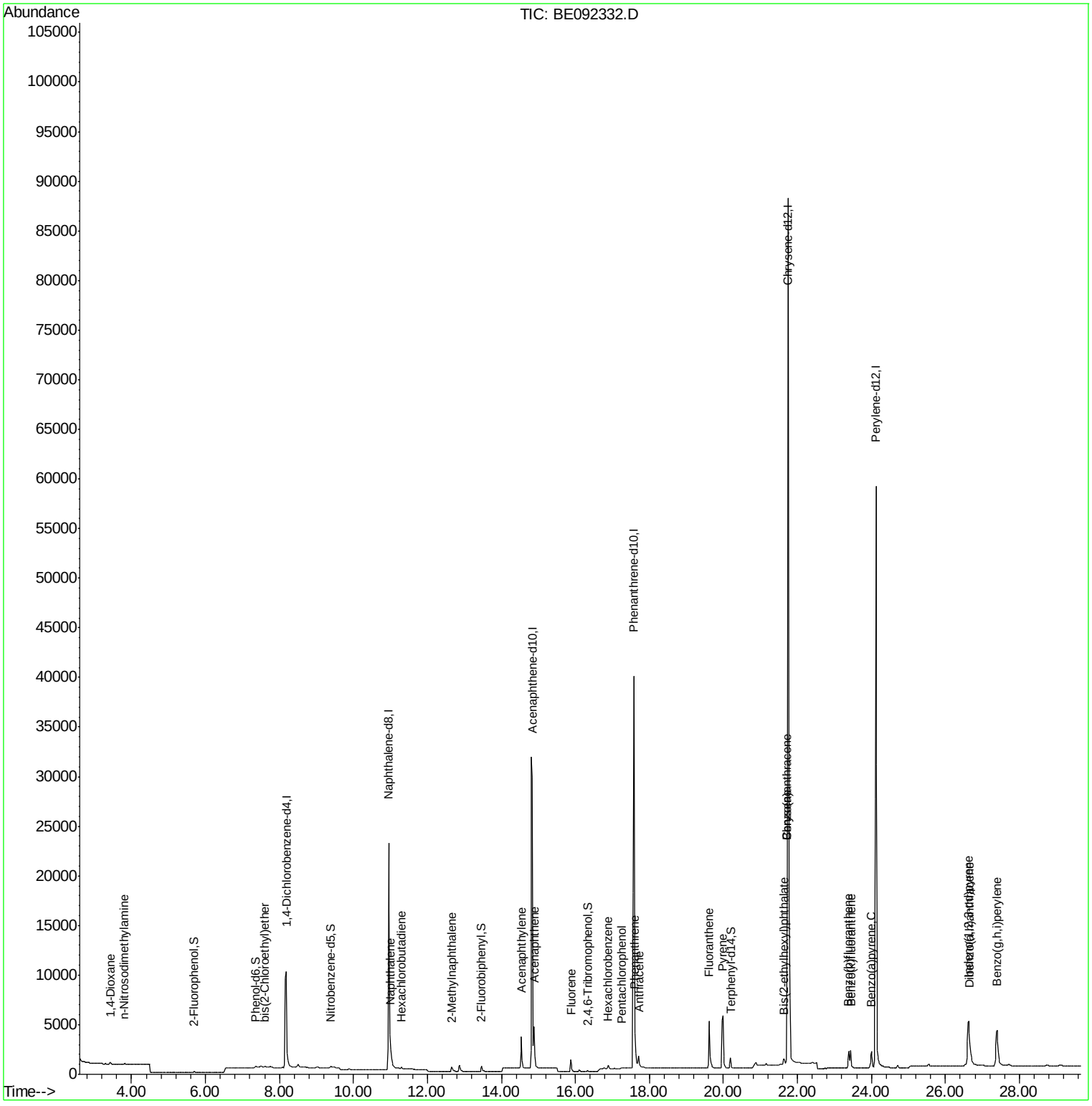
(#) = qualifier out of range (m) = manual integration (+) = signals summed

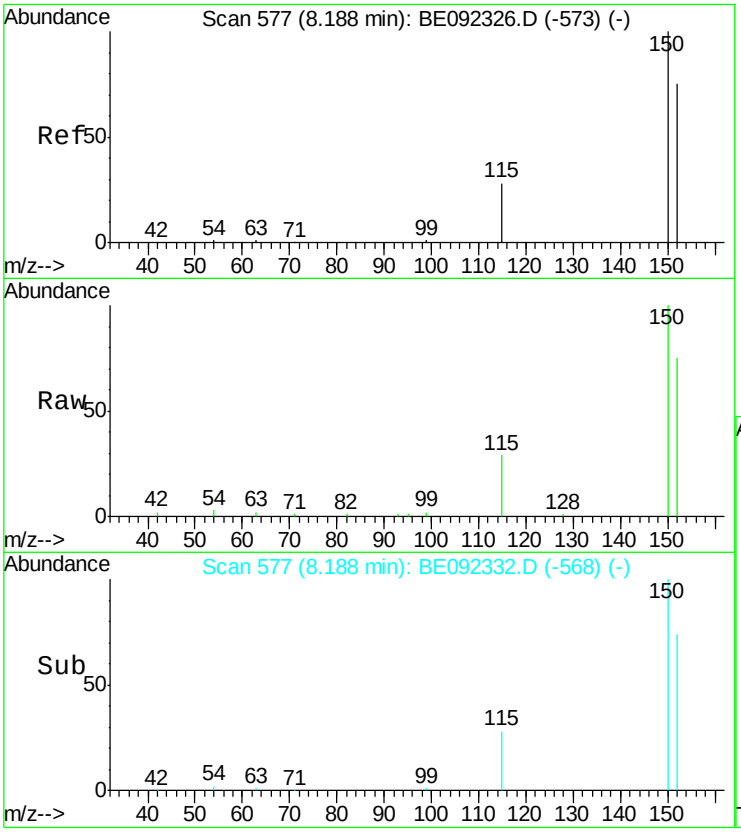
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE090116\
Data File : BE092332.D
Acq On : 1 Sep 2016 17:11
Operator : UM/SJ
Sample : SSTDICC0.1
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Quant Time: Sep 02 03:19:00 2016
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE090116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 02 03:16:21 2016
Response via : Initial Calibration



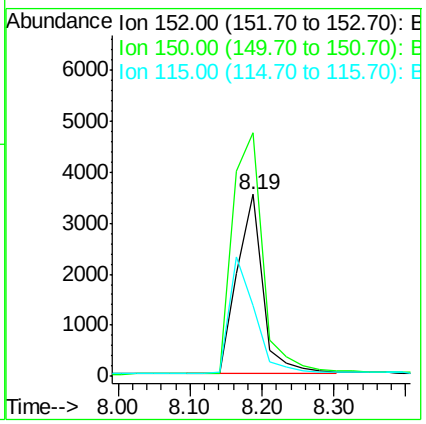


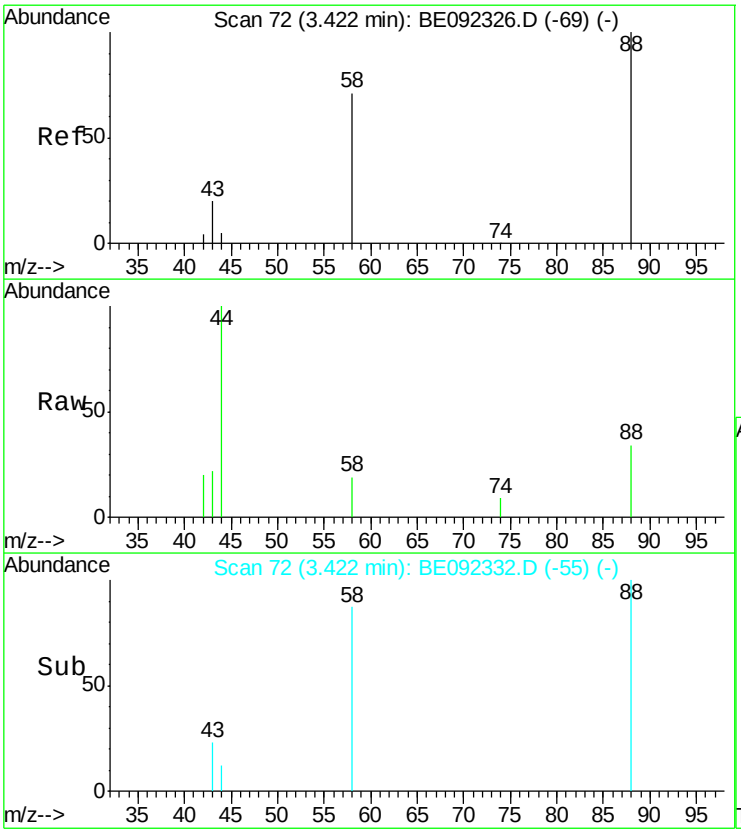
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 8.19 min Scan# 577
Delta R.T. -0.00 min
Lab File: BE092332.D
Acq: 1 Sep 2016 17:11

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:152 Resp: 8826

Ion	Ratio	Lower	Upper
152	100		
150	133.9	106.0	159.0
115	39.0	31.2	46.8

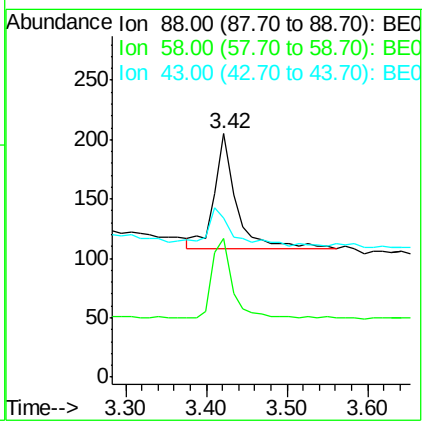


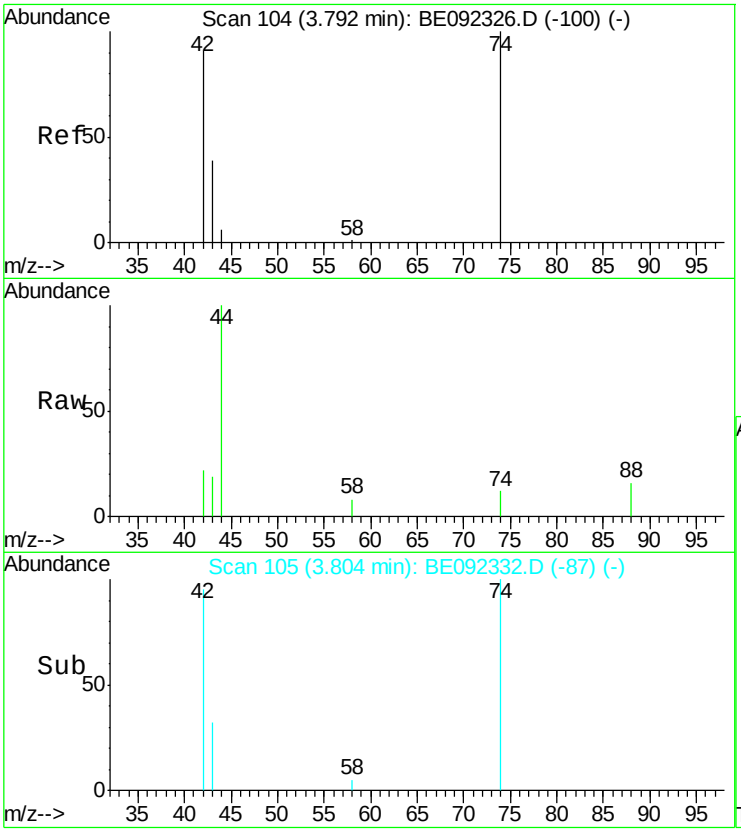


#2
1,4-Dioxane
Concen: 0.15 ng
RT: 3.42 min Scan# 72
Delta R.T. -0.00 min
Lab File: BE092332.D
Acq: 1 Sep 2016 17:11

Tgt Ion: 88 Resp: 187

Ion	Ratio	Lower	Upper
88	100		
58	61.5	63.6	95.4#
43	40.6	28.0	42.0



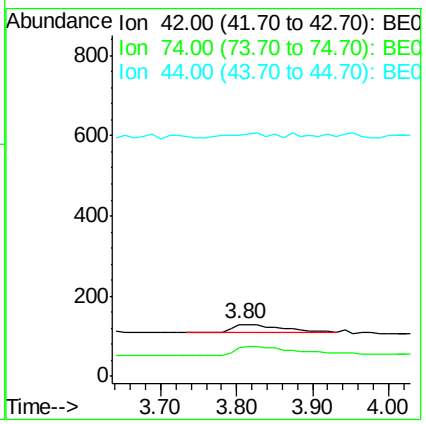


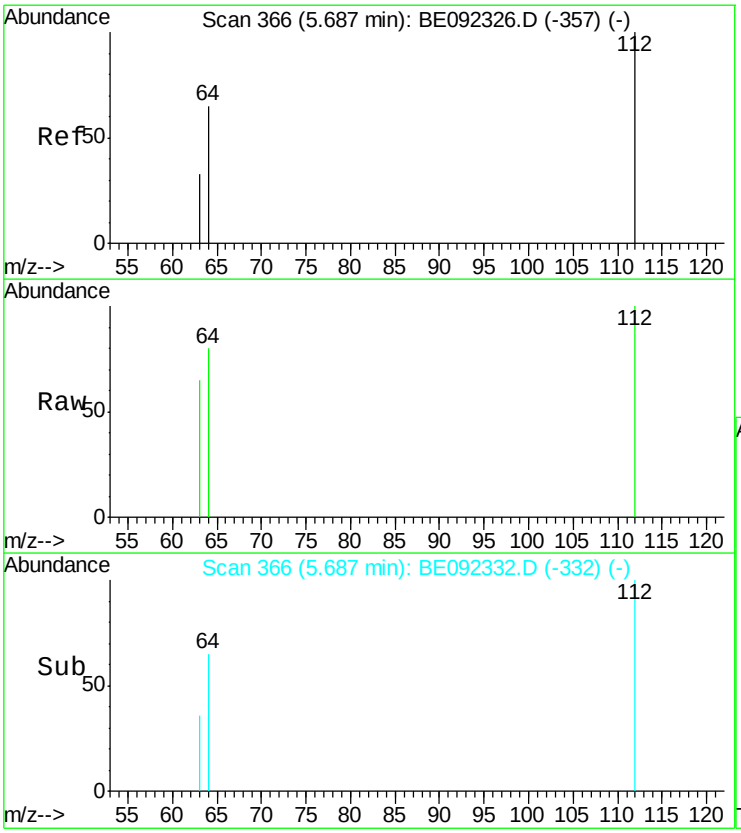
#3
n-Nitrosodimethylamine
Concen: 0.08 ng
RT: 3.80 min Scan# 105
Delta R.T. 0.01 min
Lab File: BE092332.D
Acq: 1 Sep 2016 17:11

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion: 42 Resp: 100

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

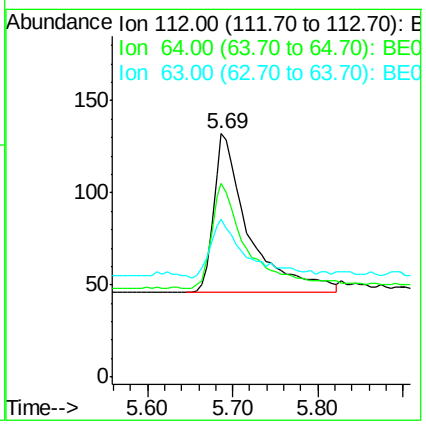


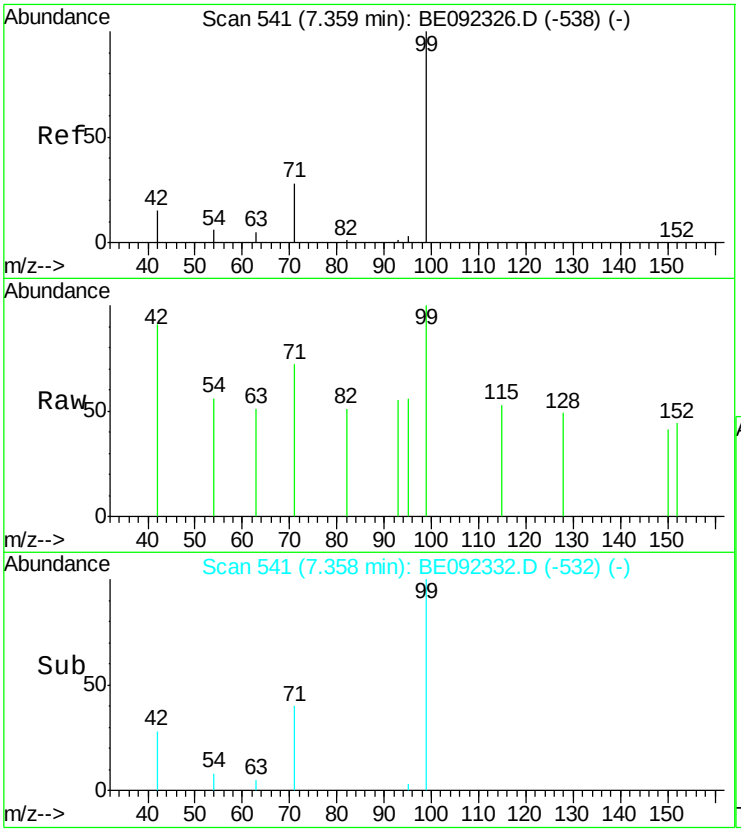


#4
2-Fluorophenol
Concen: 0.12 ng
RT: 5.69 min Scan# 366
Delta R.T. -0.00 min
Lab File: BE092332.D
Acq: 1 Sep 2016 17:11

Tgt Ion:112 Resp: 246

Ion	Ratio	Lower	Upper
112	100		
64	69.1	53.5	80.3
63	37.4	27.9	41.9



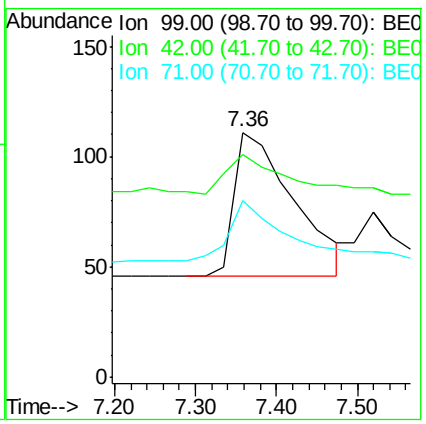


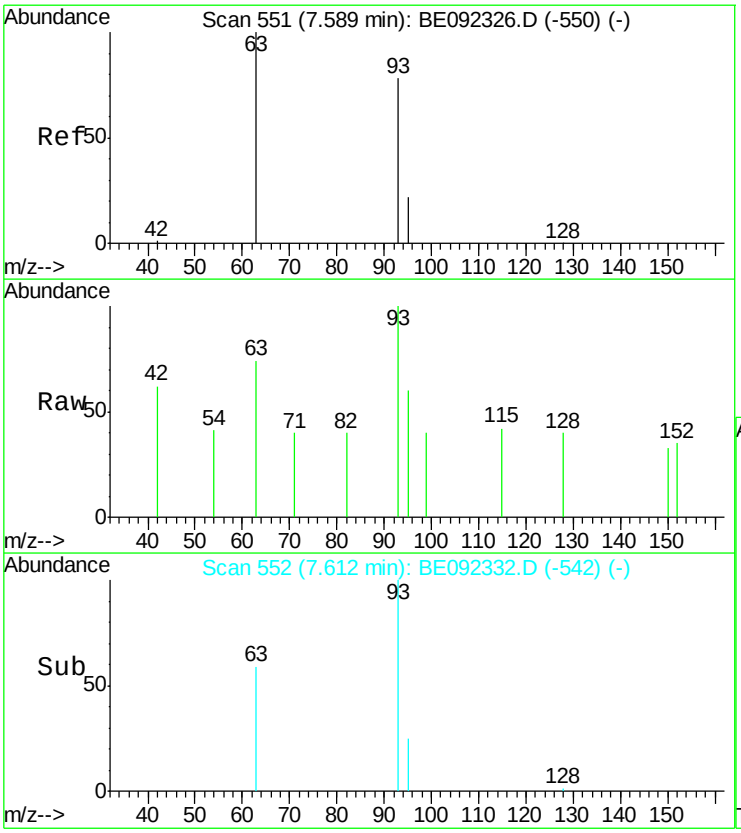
#5
Phenol-d6
Concen: 0.12 ng
RT: 7.36 min Scan# 541
Delta R.T. -0.00 min
Lab File: BE092332.D
Acq: 1 Sep 2016 17:11

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion: 99 Resp: 329

Ion	Ratio	Lower	Upper
99	100		
42	21.3	0.0	0.0#
71	37.1	30.6	45.8

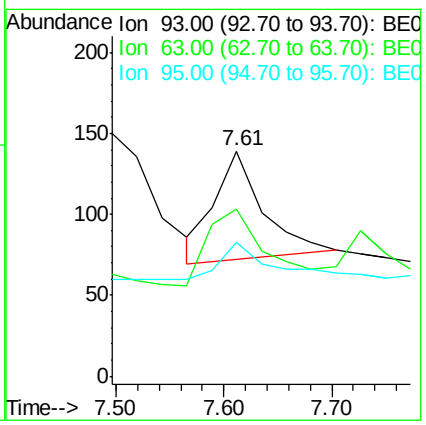


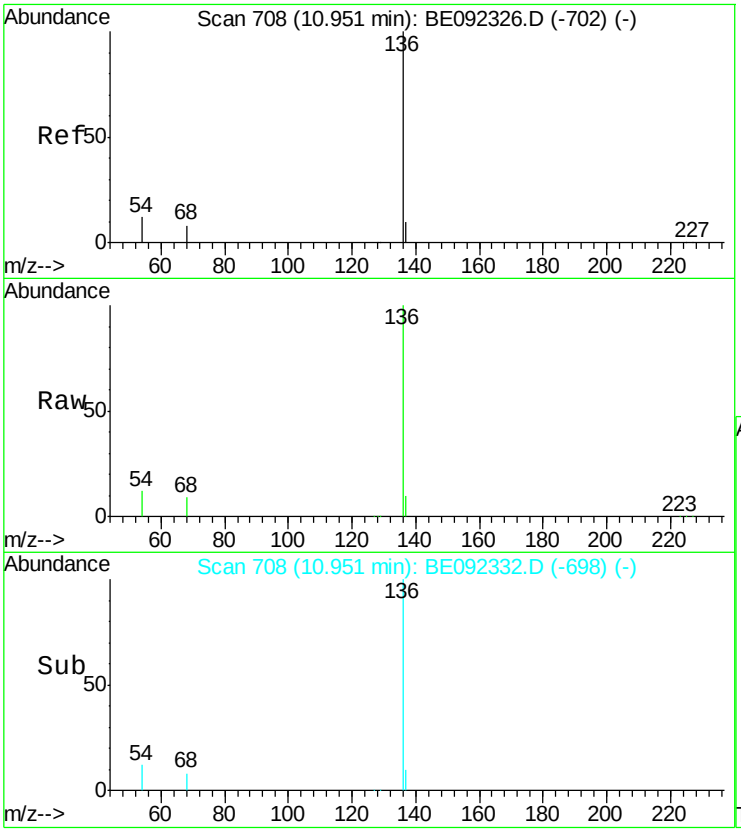


#6
bis(2-Chloroethyl)ether
Concen: 0.10 ng
RT: 7.61 min Scan# 552
Delta R.T. 0.02 min
Lab File: BE092332.D
Acq: 1 Sep 2016 17:11

Tgt Ion: 93 Resp: 211

Ion	Ratio	Lower	Upper
93	100		
63	82.0	71.6	107.4
95	34.6	0.0	0.0#



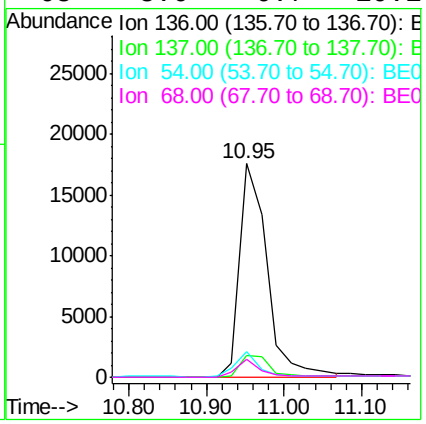


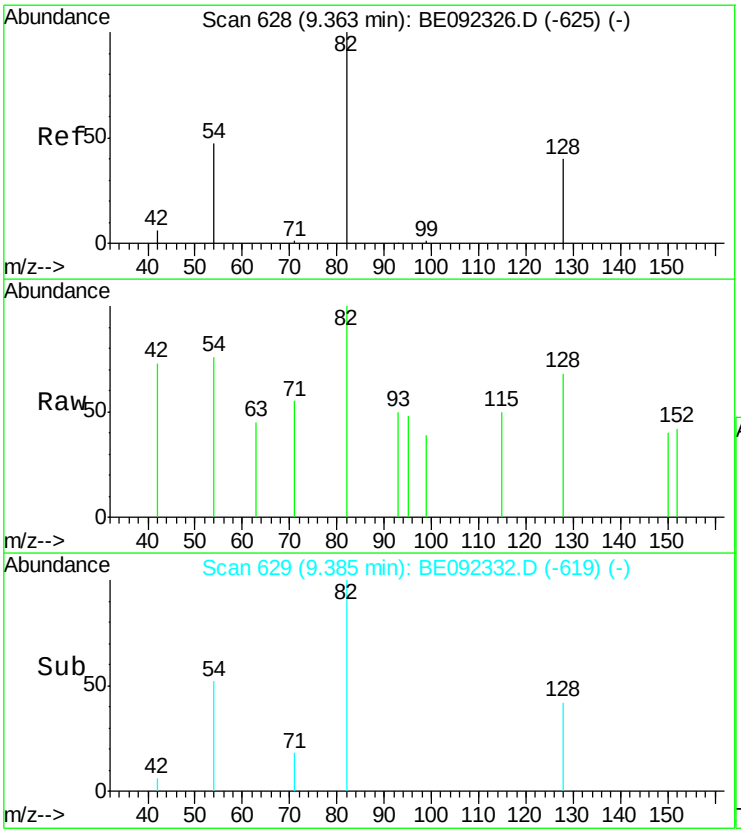
#7
Naphthalene-d8
Concen: 5.00 ng
RT: 10.95 min Scan# 708
Delta R.T. -0.00 min
Lab File: BE092332.D
Acq: 1 Sep 2016 17:11

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:136 Resp: 42864

Ion	Ratio	Lower	Upper
136	100		
137	10.1	8.2	12.4
54	12.2	9.6	14.4
68	8.6	6.7	10.1

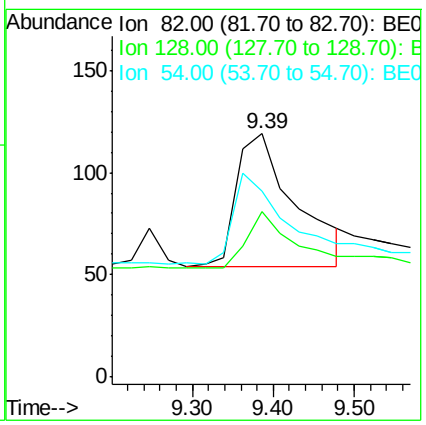


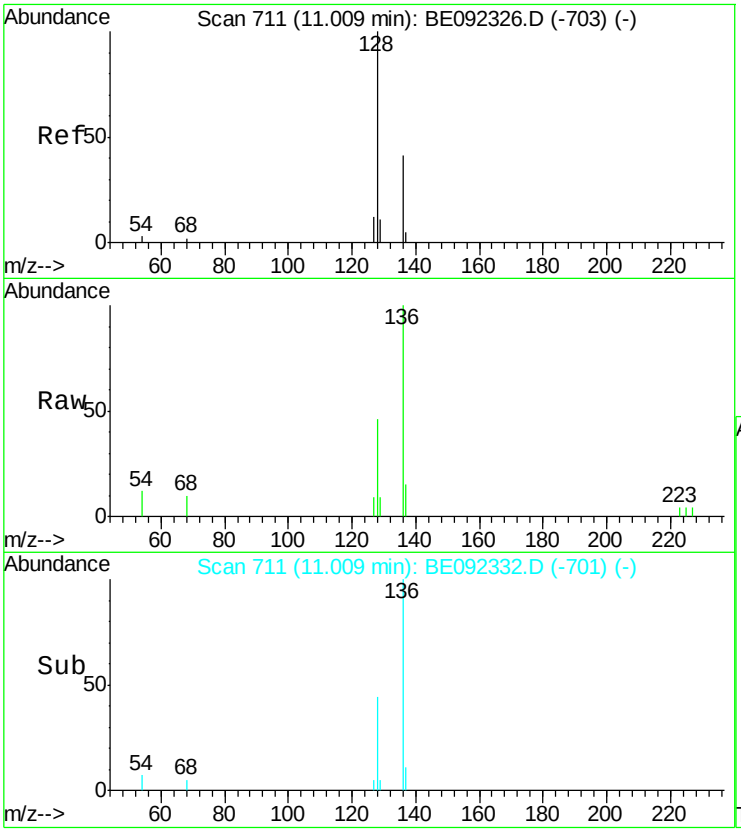


#8
Nitrobenzene-d5
Concen: 0.11 ng
RT: 9.39 min Scan# 629
Delta R.T. 0.02 min
Lab File: BE092332.D
Acq: 1 Sep 2016 17:11

Tgt Ion: 82 Resp: 326

Ion	Ratio	Lower	Upper
82	100		
128	68.1	39.0	58.4#
54	76.5	44.8	67.2#



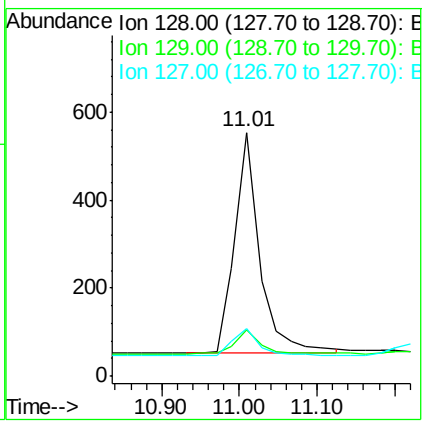


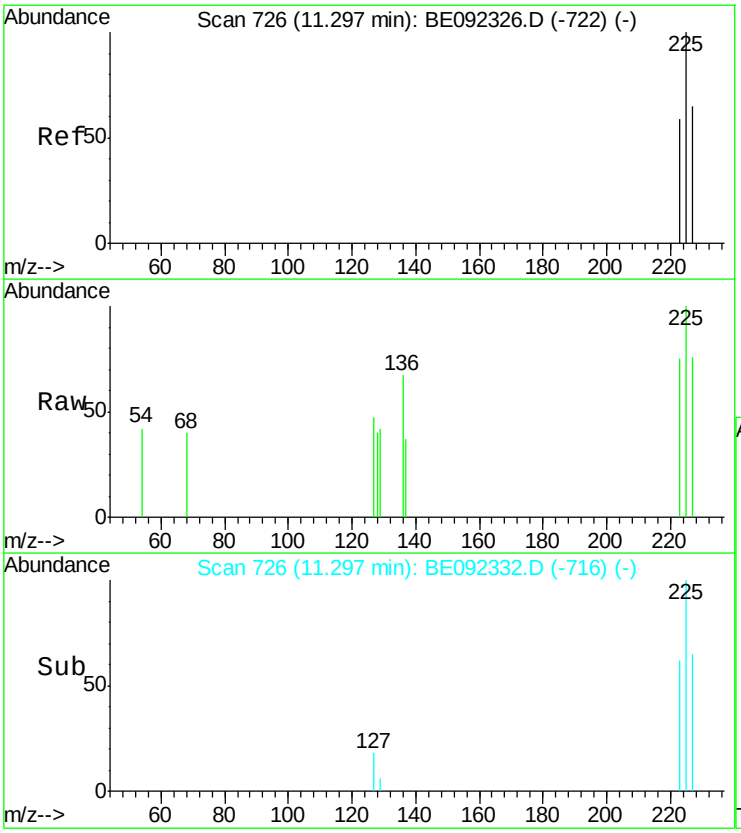
#9
Naphthalene
Concen: 0.12 ng
RT: 11.01 min Scan# 711
Delta R.T. -0.00 min
Lab File: BE092332.D
Acq: 1 Sep 2016 17:11

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:128 Resp: 1115

Ion	Ratio	Lower	Upper
128	100		
129	19.2	11.2	16.8#
127	19.7	11.6	17.4#

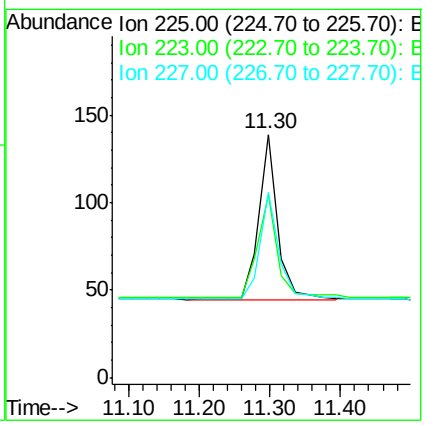


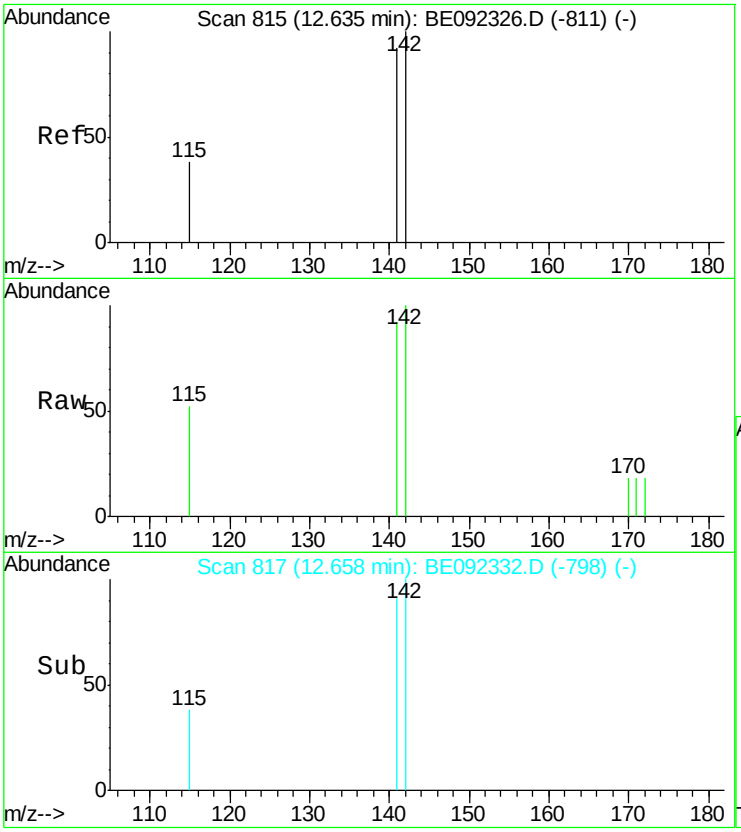


#10
Hexachlorobutadiene
Concen: 0.13 ng
RT: 11.30 min Scan# 726
Delta R.T. -0.00 min
Lab File: BE092332.D
Acq: 1 Sep 2016 17:11

Tgt Ion:225 Resp: 186

Ion	Ratio	Lower	Upper
225	100		
223	60.2	50.6	76.0
227	61.8	51.4	77.0



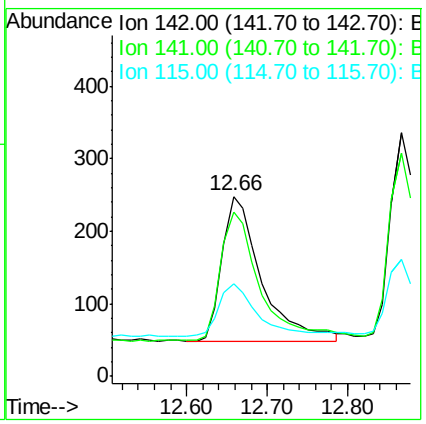


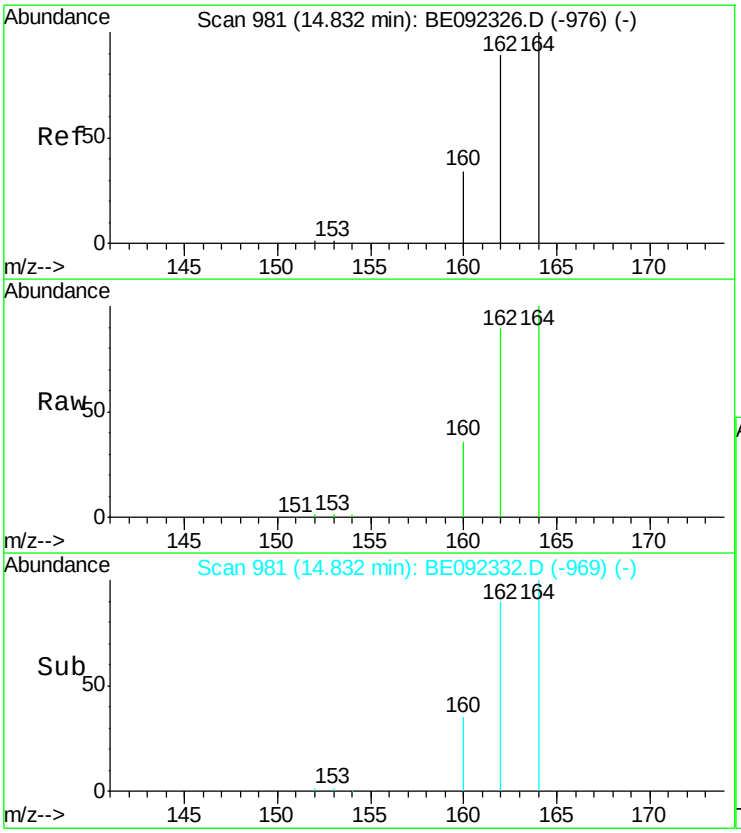
#11
2-Methylnaphthalene
Concen: 0.11 ng
RT: 12.66 min Scan# 817
Delta R.T. 0.02 min
Lab File: BE092332.D
Acq: 1 Sep 2016 17:11

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:142 Resp: 672

Ion	Ratio	Lower	Upper
142	100		
141	91.5	73.7	110.5
115	51.6	34.0	51.0#

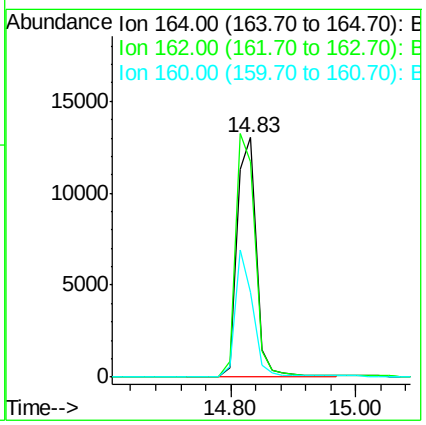


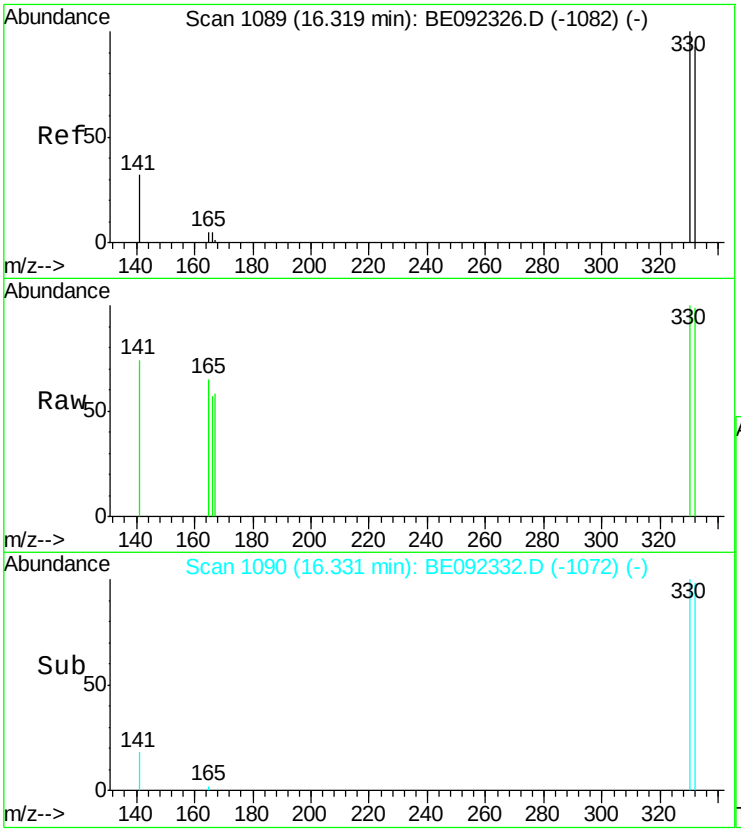


#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.83 min Scan# 981
Delta R.T. -0.00 min
Lab File: BE092332.D
Acq: 1 Sep 2016 17:11

Tgt Ion:164 Resp: 27480

Ion	Ratio	Lower	Upper
164	100		
162	90.2	71.4	107.0
160	35.7	27.4	41.2



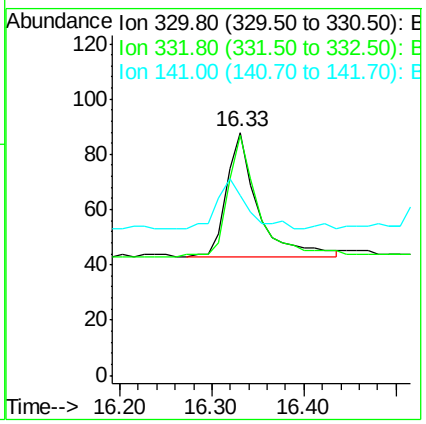


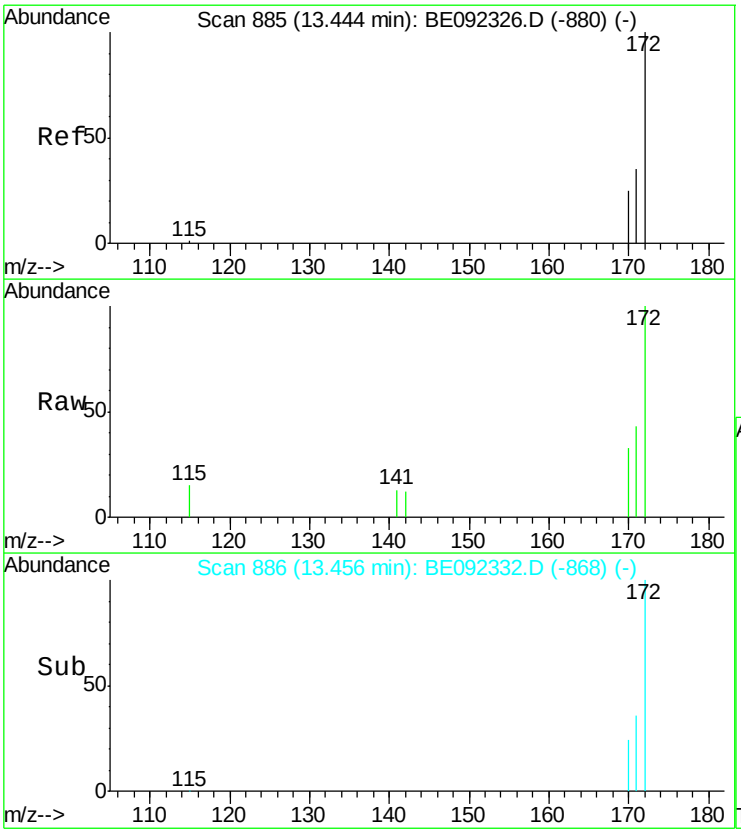
#13
2,4,6-Tribromophenol
Concen: 0.13 ng
RT: 16.33 min Scan# 1090
Delta R.T. 0.01 min
Lab File: BE092332.D
Acq: 1 Sep 2016 17:11

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:330 Resp: 106

Ion	Ratio	Lower	Upper
330	100		
332	96.2	75.4	113.0
141	37.7	31.0	46.6

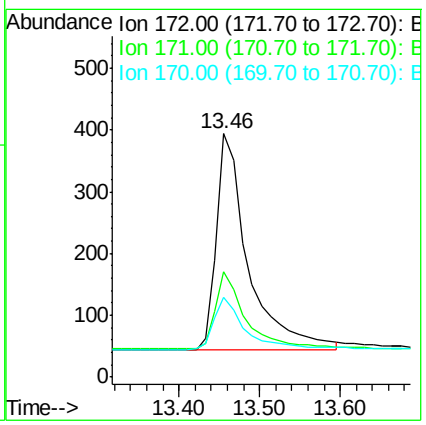


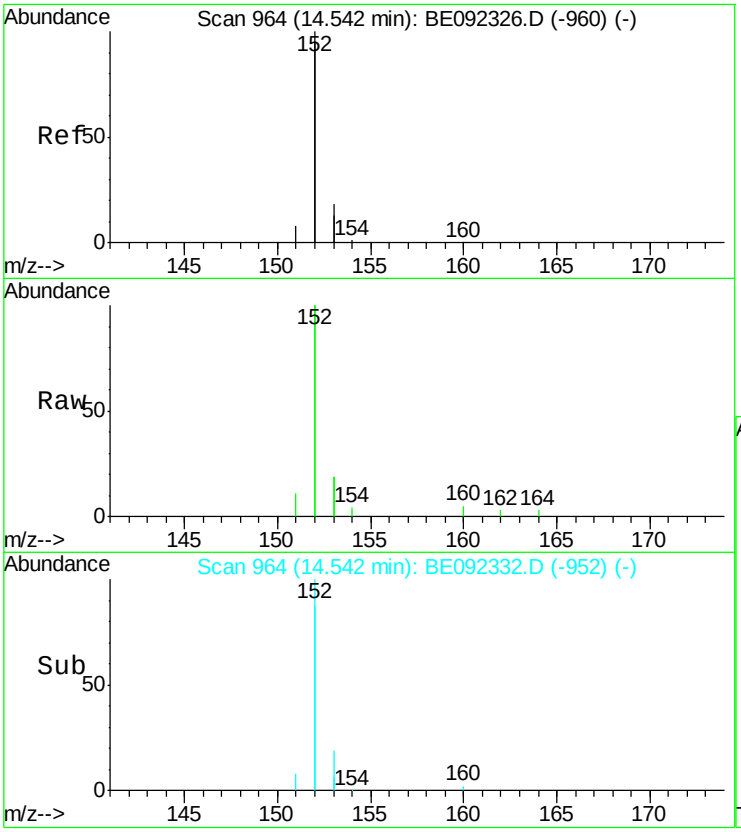


#14
2-Fluorobiphenyl
Concen: 0.11 ng
RT: 13.46 min Scan# 886
Delta R.T. 0.01 min
Lab File: BE092332.D
Acq: 1 Sep 2016 17:11

Tgt Ion:172 Resp: 949

Ion	Ratio	Lower	Upper
172	100		
171	43.1	30.1	45.1
170	33.0	21.8	32.6#



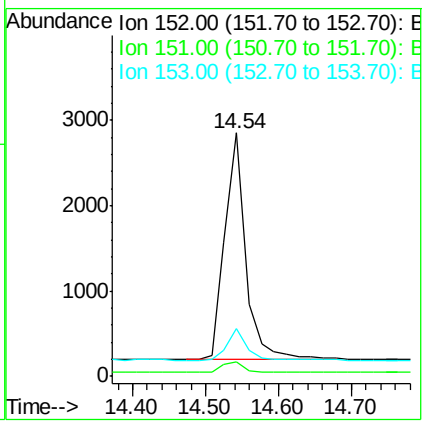


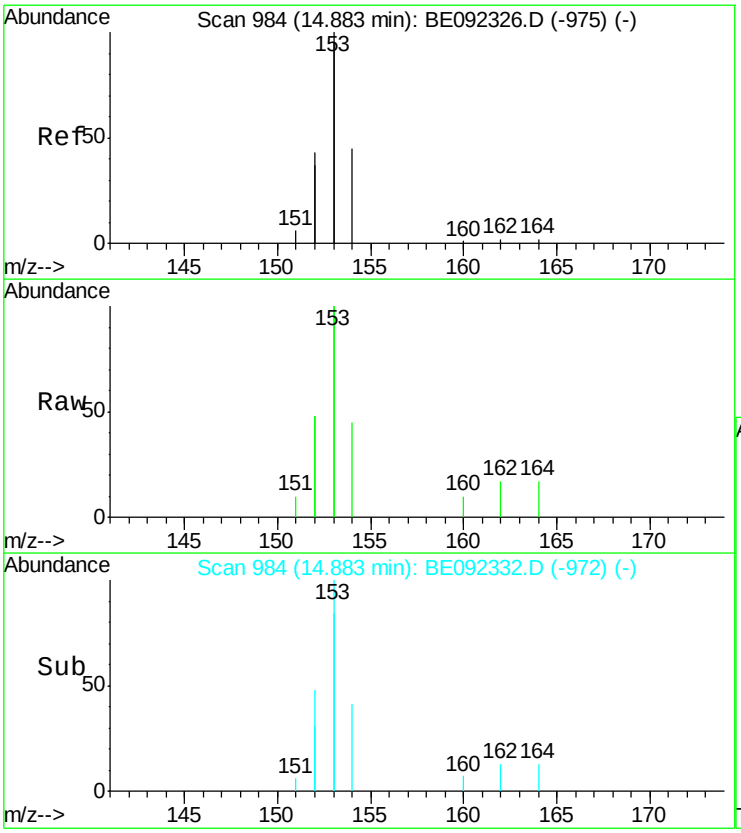
#15
Acenaphthylene
Concen: 0.11 ng
RT: 14.54 min Scan# 964
Delta R.T. -0.00 min
Lab File: BE092332.D
Acq: 1 Sep 2016 17:11

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:152 Resp: 5251

Ion	Ratio	Lower	Upper
152	100		
151	5.0	3.9	5.9
153	13.0	10.4	15.6

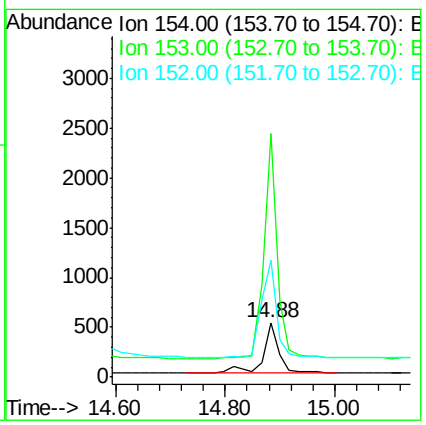


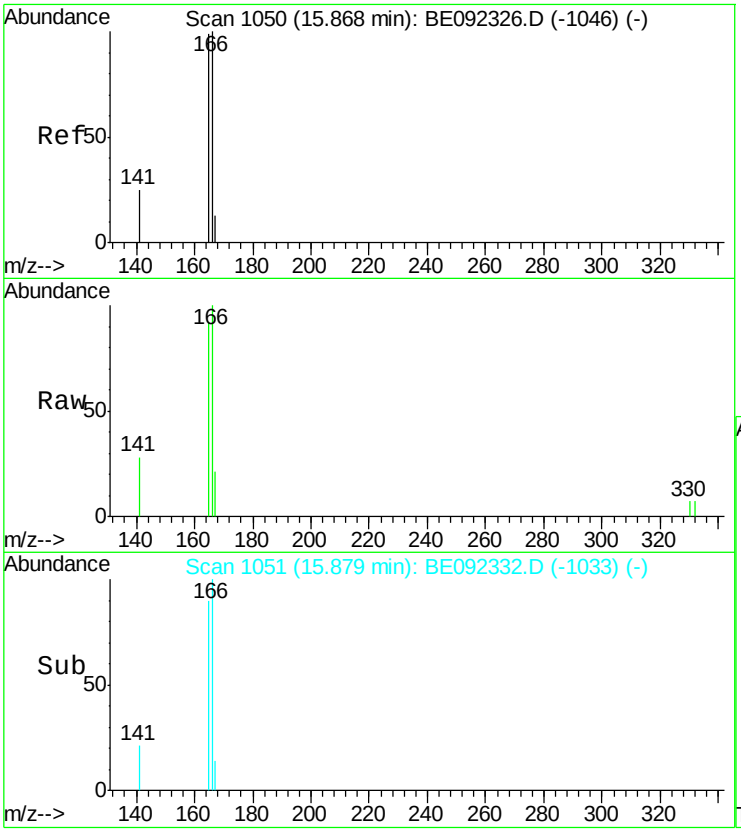


#16
Acenaphthene
Concen: 0.12 ng
RT: 14.88 min Scan# 984
Delta R.T. -0.00 min
Lab File: BE092332.D
Acq: 1 Sep 2016 17:11

Tgt Ion:154 Resp: 954

Ion	Ratio	Lower	Upper
154	100		
153	407.1	350.8	526.2
152	200.3	171.1	256.7



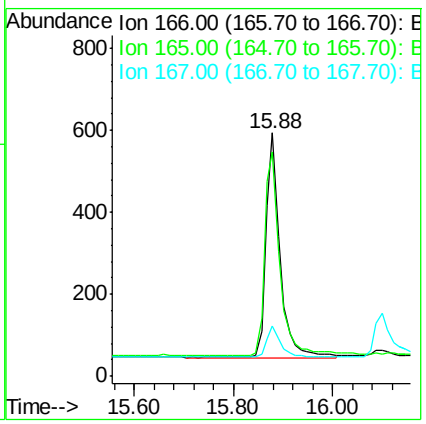


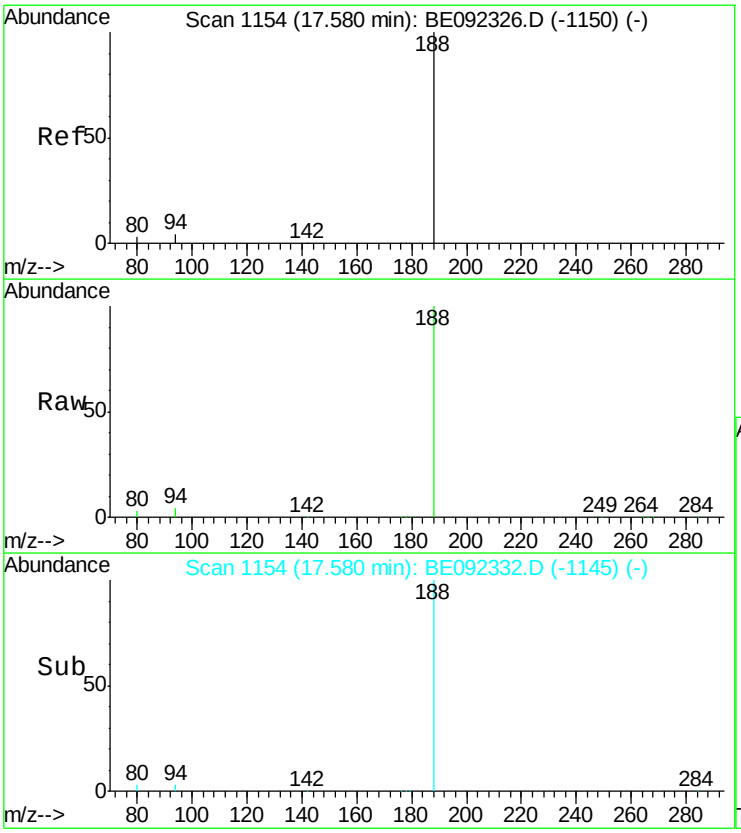
#17
Fluorene
Concen: 0.12 ng
RT: 15.88 min Scan# 1051
Delta R.T. 0.01 min
Lab File: BE092332.D
Acq: 1 Sep 2016 17:11

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:166 Resp: 1097

Ion	Ratio	Lower	Upper
166	100		
165	97.4	78.2	117.4
167	12.8	11.0	16.4

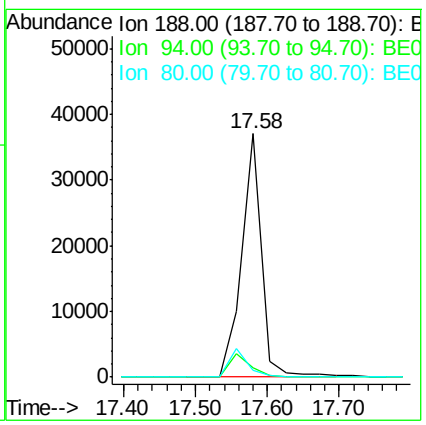


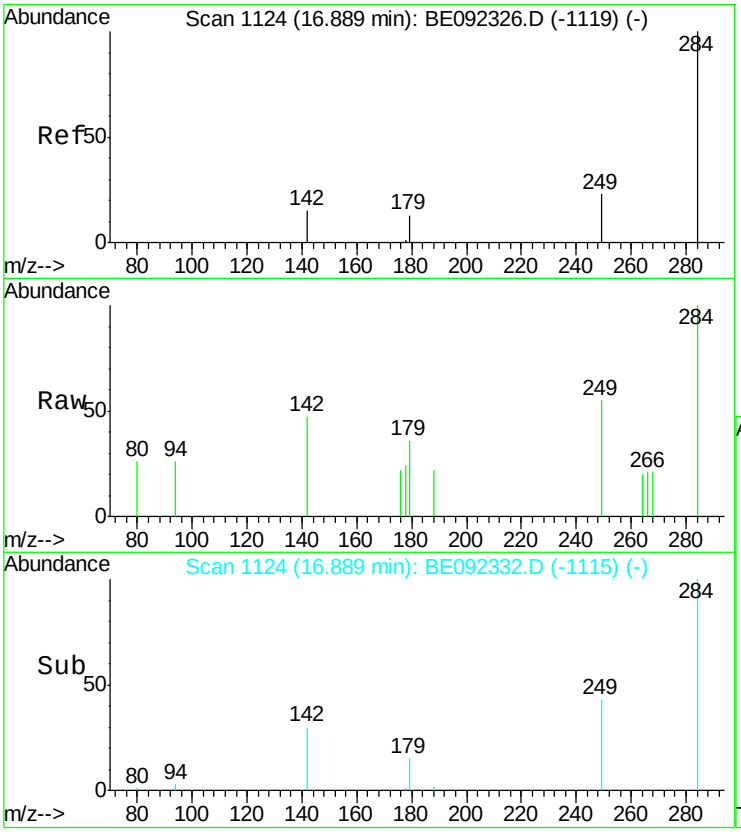


#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.58 min Scan# 1154
Delta R.T. -0.00 min
Lab File: BE092332.D
Acq: 1 Sep 2016 17:11

Tgt Ion:188 Resp: 70473

Ion	Ratio	Lower	Upper
188	100		
94	3.6	3.2	4.8
80	3.0	2.6	3.8



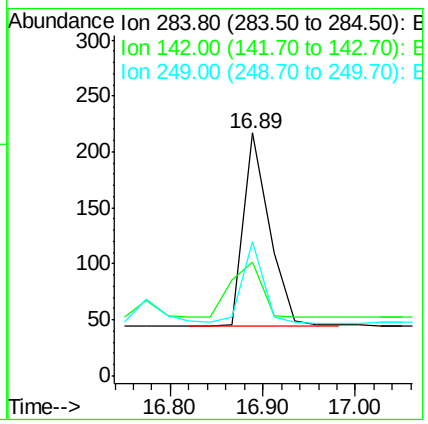


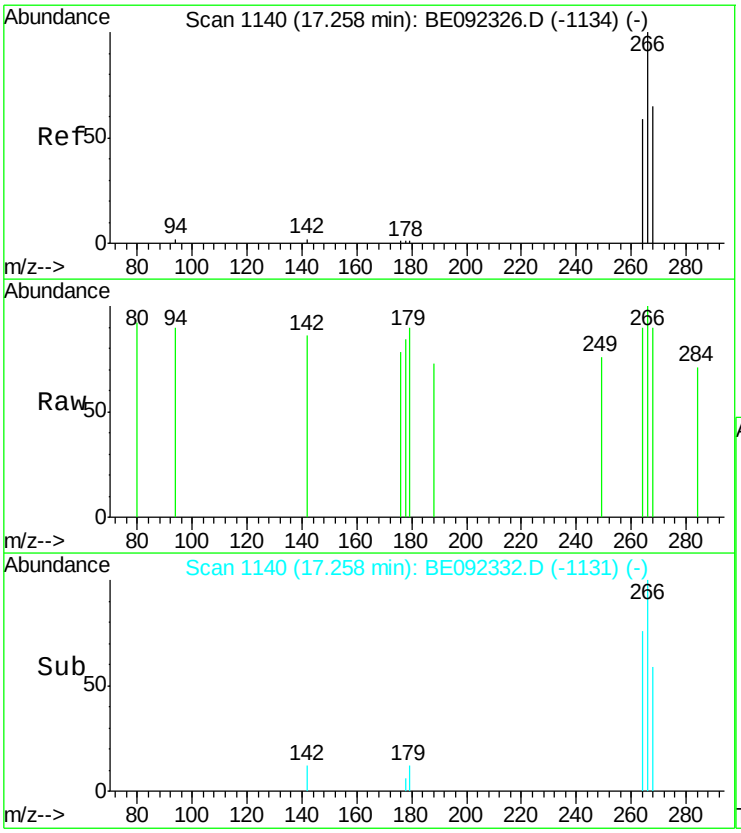
#19
Hexachlorobenzene
Concen: 0.12 ng
RT: 16.89 min Scan# 1124
Delta R.T. -0.00 min
Lab File: BE092332.D
Acq: 1 Sep 2016 17:11

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:284 Resp: 337

Ion	Ratio	Lower	Upper
284	100		
142	36.8	29.1	43.7
249	35.3	27.9	41.9

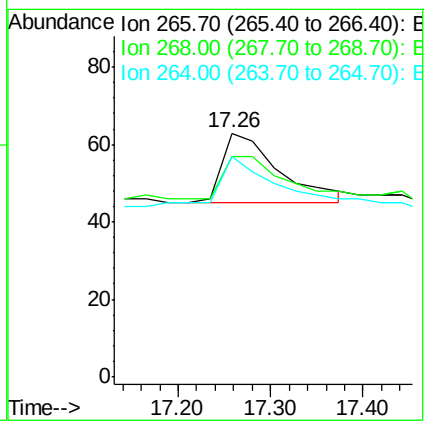


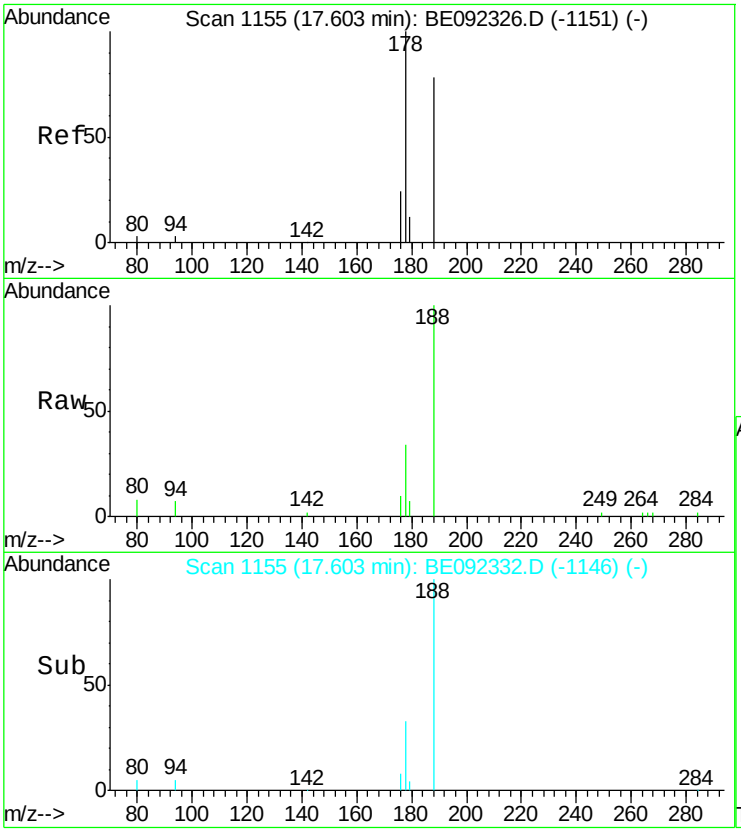


#20
Pentachlorophenol
Concen: 0.10 ng
RT: 17.26 min Scan# 1140
Delta R.T. -0.00 min
Lab File: BE092332.D
Acq: 1 Sep 2016 17:11

Tgt Ion:266 Resp: 77

Ion	Ratio	Lower	Upper
266	100		
268	90.5	62.5	93.7
264	90.5	57.2	85.8#



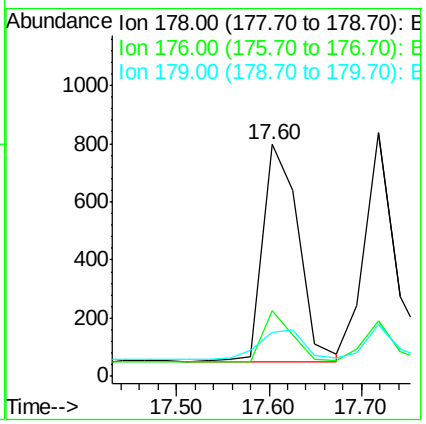


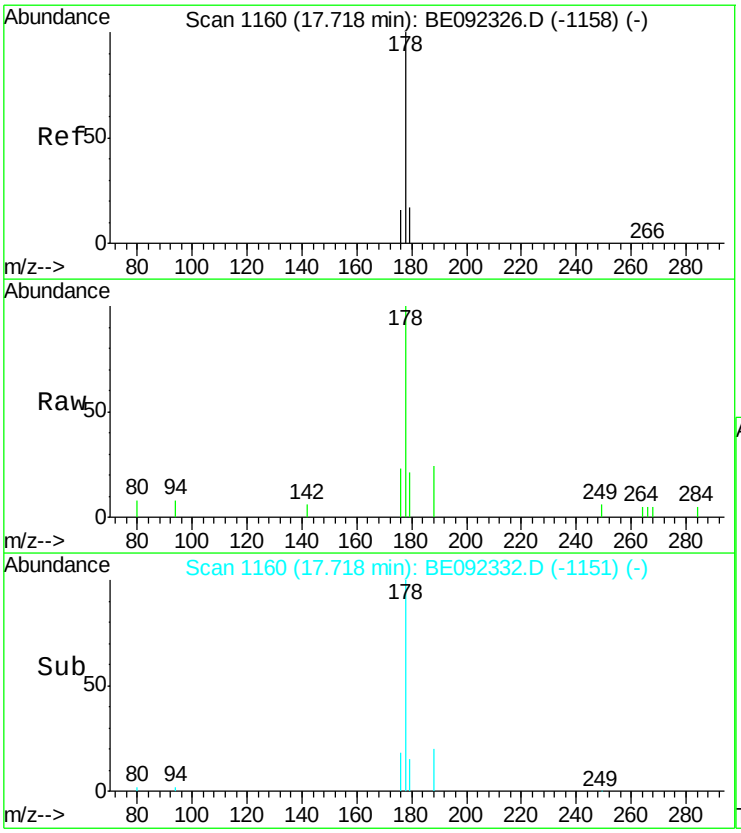
#21
Phenanthrene
Concen: 0.12 ng
RT: 17.60 min Scan# 1155
Delta R.T. -0.00 min
Lab File: BE092332.D
Acq: 1 Sep 2016 17:11

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:178 Resp: 1993

Ion	Ratio	Lower	Upper
178	100		
176	20.3	15.8	23.8
179	0.0	0.0	0.0

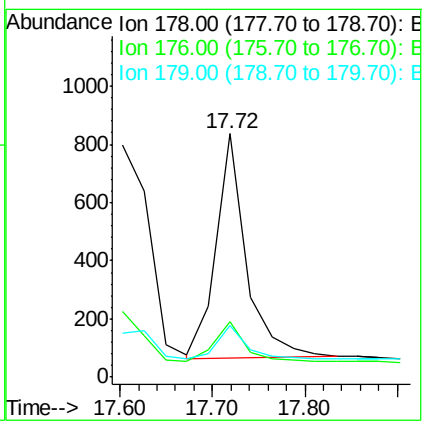


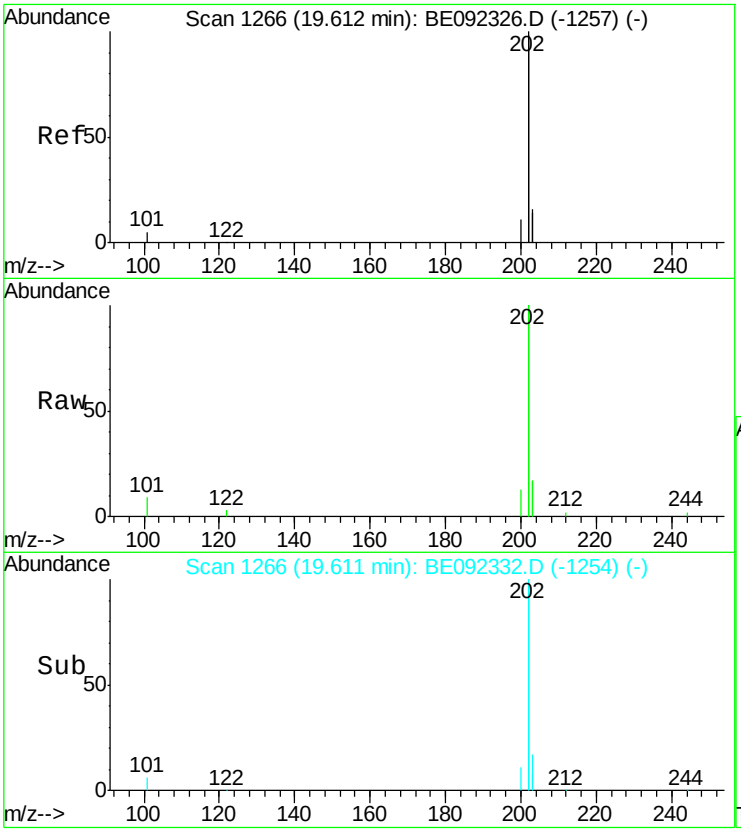


#22
Anthracene
Concen: 0.11 ng
RT: 17.72 min Scan# 1160
Delta R.T. -0.00 min
Lab File: BE092332.D
Acq: 1 Sep 2016 17:11

Tgt Ion:178 Resp: 1753

Ion	Ratio	Lower	Upper
178	100		
176	18.2	15.0	22.4
179	14.4	12.2	18.2



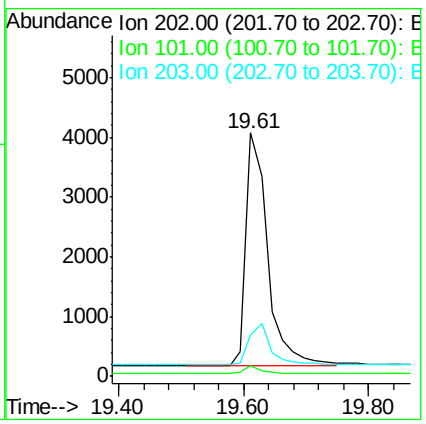


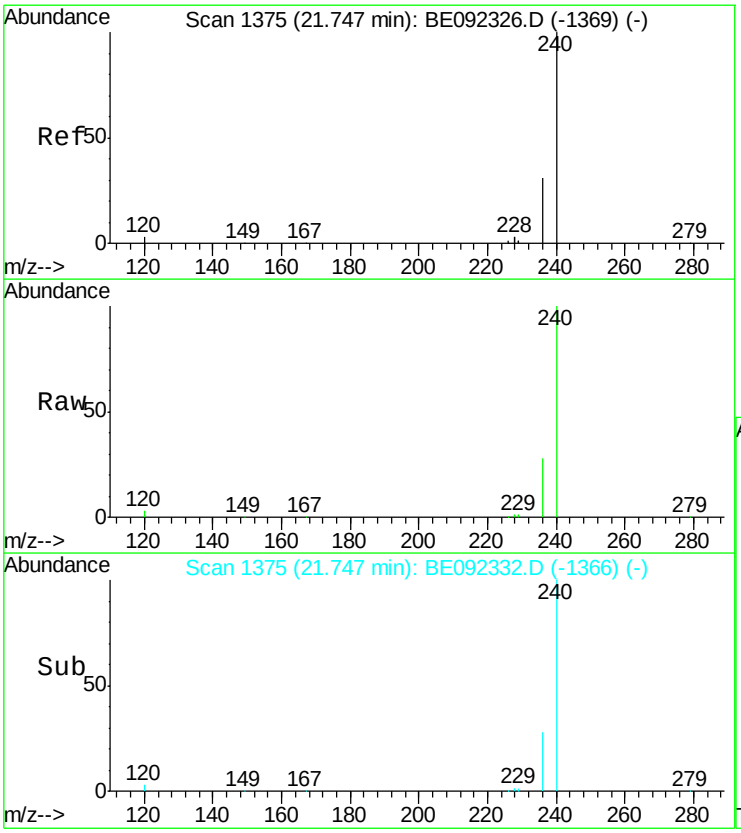
#23
Fluoranthene
Concen: 0.12 ng
RT: 19.61 min Scan# 1266
Delta R.T. -0.00 min
Lab File: BE092332.D
Acq: 1 Sep 2016 17:11

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:202 Resp: 9359

Ion	Ratio	Lower	Upper
202	100		
101	2.7	2.2	3.4
203	17.2	13.7	20.5

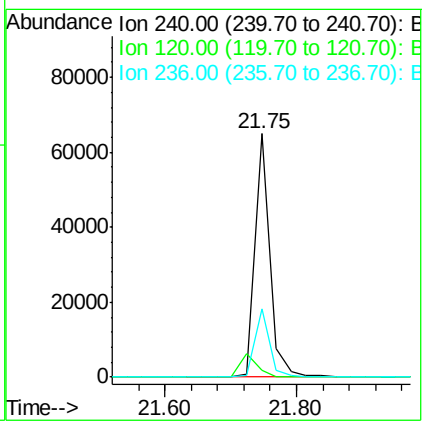


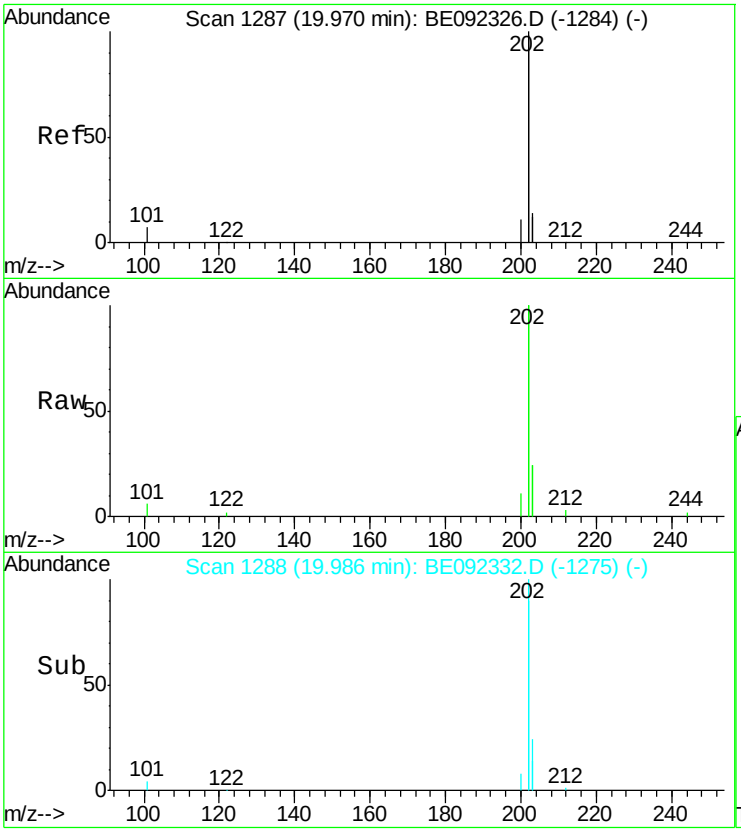


#24
Chrysene-d12
Concen: 5.00 ng
RT: 21.75 min Scan# 1375
Delta R.T. -0.00 min
Lab File: BE092332.D
Acq: 1 Sep 2016 17:11

Tgt Ion:240 Resp: 102944

Ion	Ratio	Lower	Upper
240	100		
120	2.6	2.6	4.0#
236	27.9	24.6	37.0



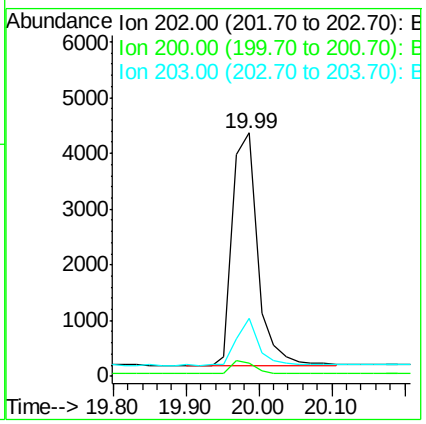


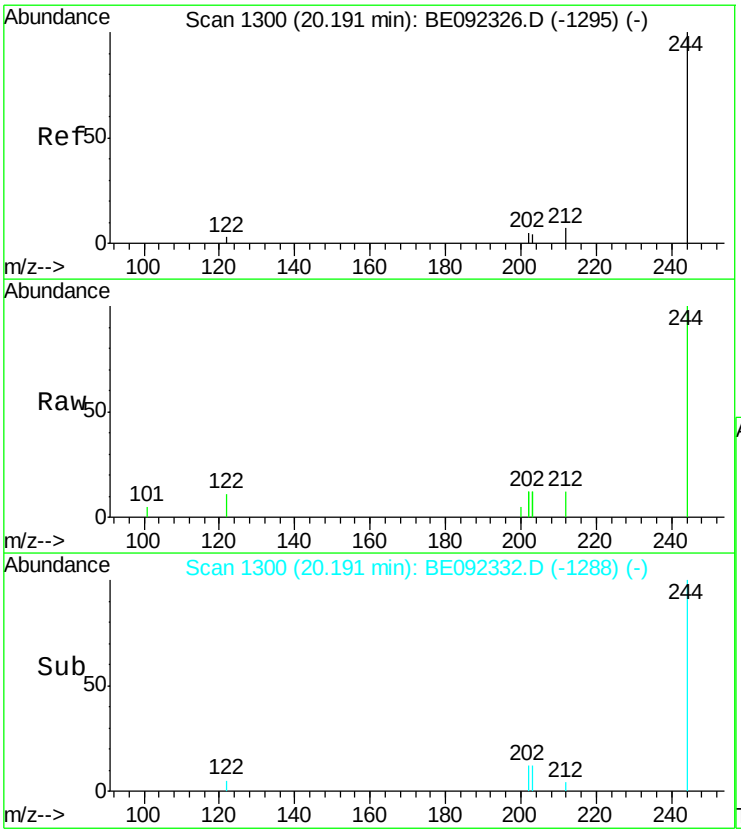
#25
Pyrene
Concen: 0.10 ng
RT: 19.99 min Scan# 1288
Delta R.T. 0.02 min
Lab File: BE092332.D
Acq: 1 Sep 2016 17:11

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:202 Resp: 9947

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

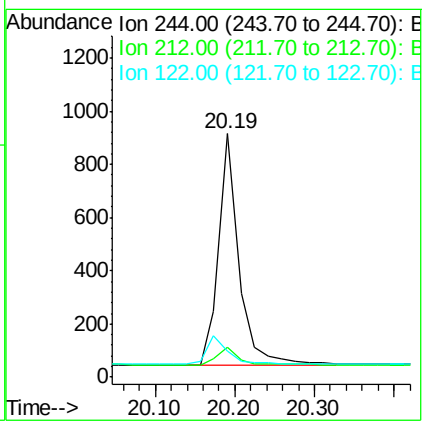


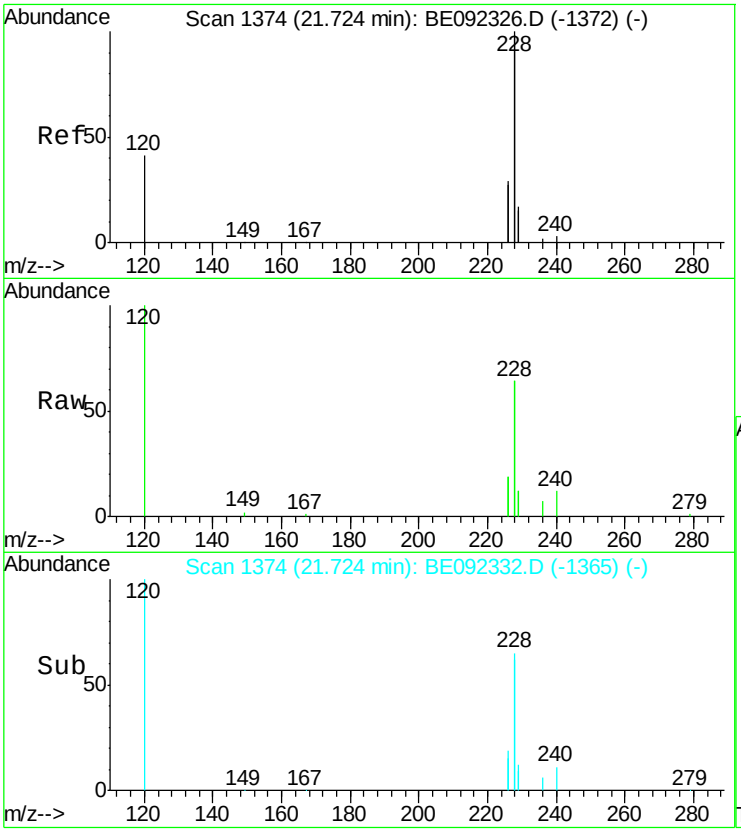


#26
Terphenyl-d14
Concen: 0.11 ng
RT: 20.19 min Scan# 1300
Delta R.T. -0.00 min
Lab File: BE092332.D
Acq: 1 Sep 2016 17:11

Tgt Ion:244 Resp: 1545

Ion	Ratio	Lower	Upper
244	100		
212	12.3	6.7	10.1#
122	10.6	3.6	5.4#



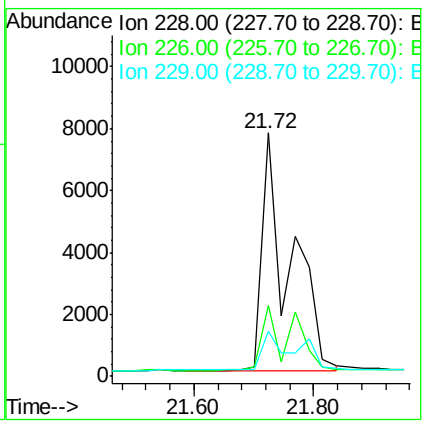


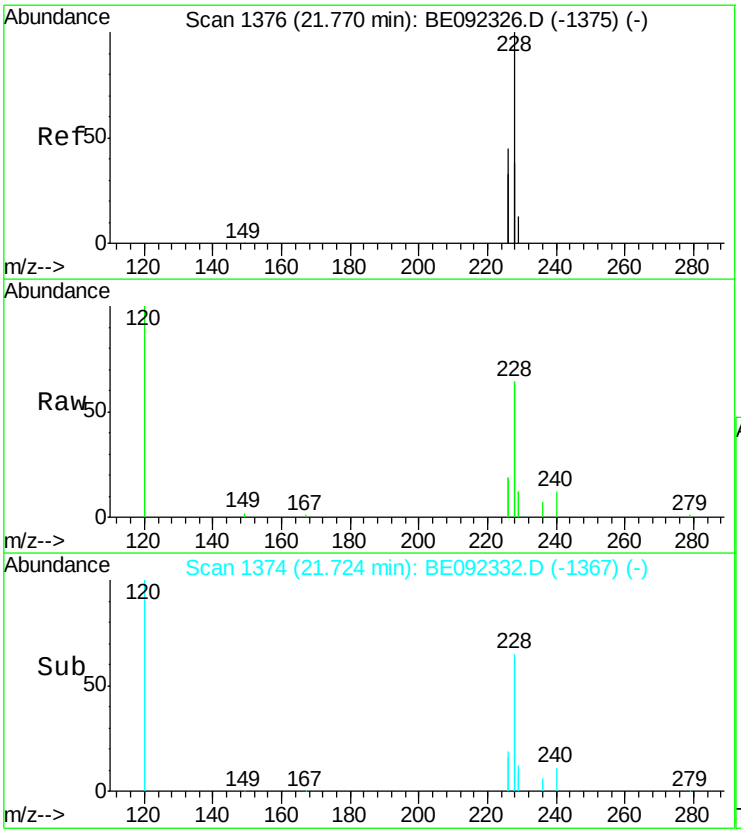
#27
Benzo(a)anthracene
Concen: 0.22 ng
RT: 21.72 min Scan# 1374
Delta R.T. -0.00 min
Lab File: BE092332.D
Acq: 1 Sep 2016 17:11

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:228 Resp: 24142

Ion	Ratio	Lower	Upper
228	100		
226	28.9	23.6	35.4
229	18.7	13.3	19.9

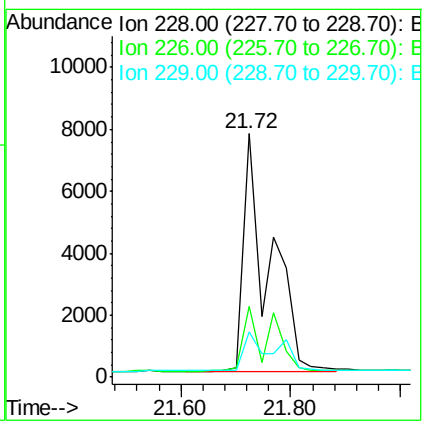


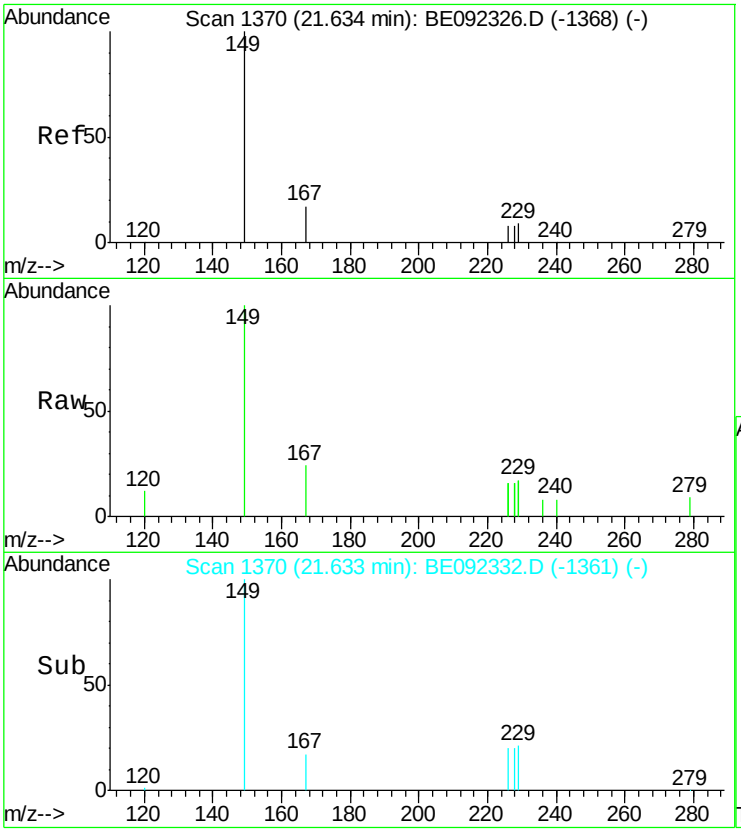


#28
Chrysene
Concen: 0.25 ng
RT: 21.72 min Scan# 1374
Delta R.T. -0.05 min
Lab File: BE092332.D
Acq: 1 Sep 2016 17:11

Tgt Ion:228 Resp: 24335

Ion	Ratio	Lower	Upper
228	100		
226	28.9	36.3	54.5#
229	18.7	10.6	16.0#



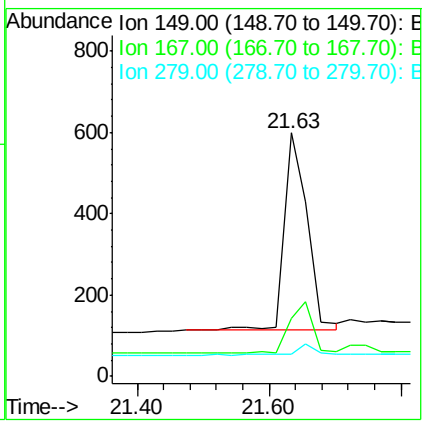


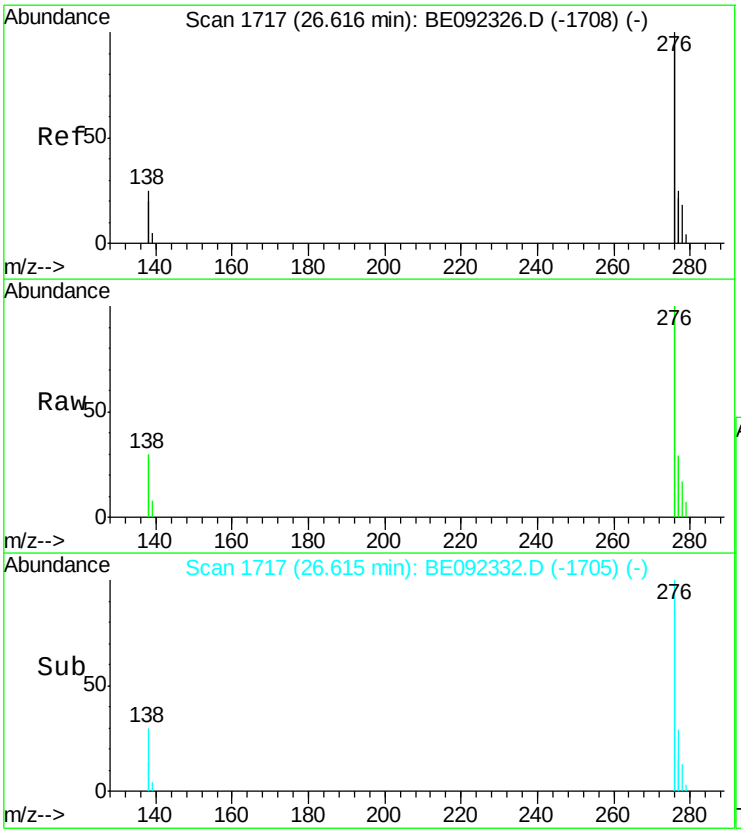
#29
Bis(2-ethylhexyl)phthalate
Concen: 0.16 ng
RT: 21.63 min Scan# 1370
Delta R.T. -0.00 min
Lab File: BE092332.D
Acq: 1 Sep 2016 17:11

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:149 Resp: 1178

Ion	Ratio	Lower	Upper
149	100		
167	0.0	0.0	0.0
279	0.0	0.0	0.0

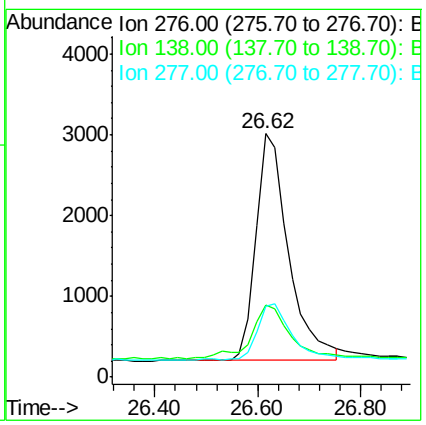


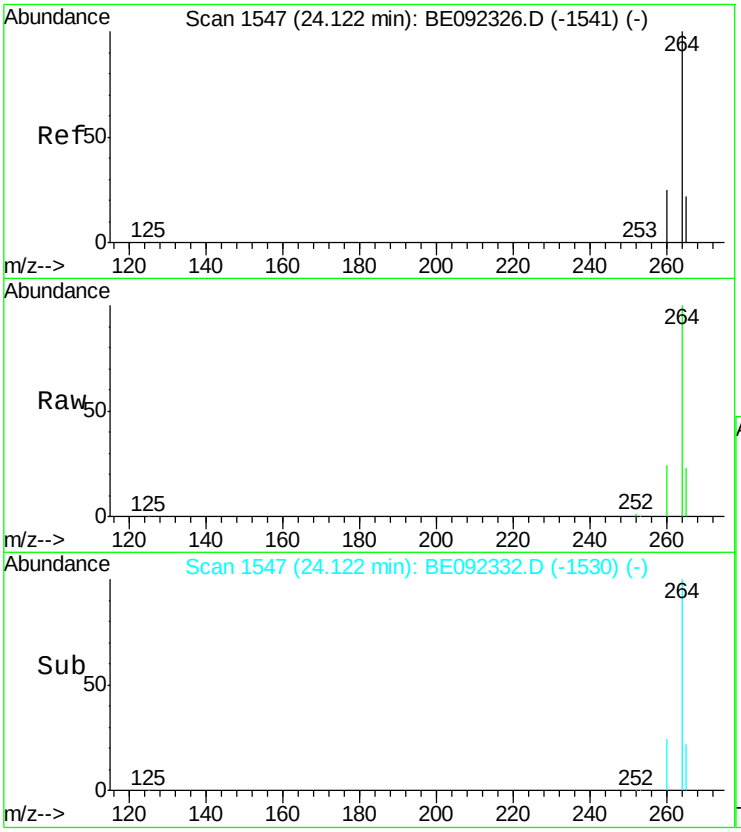


#30
Indeno(1,2,3-cd)pyrene
Concen: 0.12 ng
RT: 26.62 min Scan# 1717
Delta R.T. -0.00 min
Lab File: BE092332.D
Acq: 1 Sep 2016 17:11

Tgt Ion:276 Resp: 12268

Ion	Ratio	Lower	Upper
276	100		
138	27.2	20.3	30.5
277	24.8	19.7	29.5



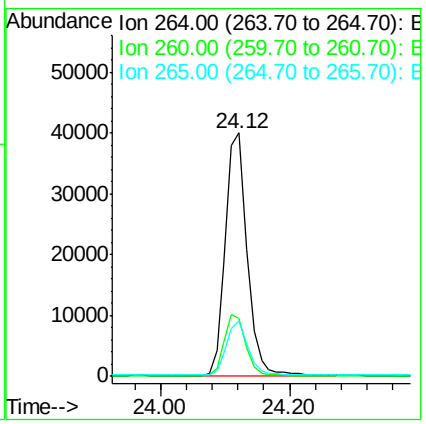


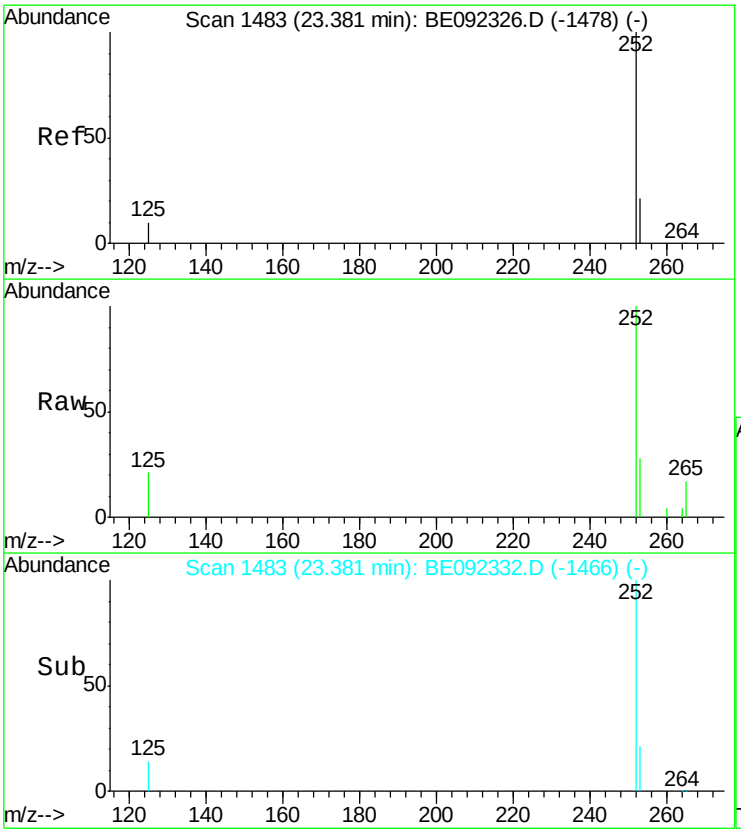
#31
Perylene-d12
Concen: 5.00 ng
RT: 24.12 min Scan# 1547
Delta R.T. -0.00 min
Lab File: BE092332.D
Acq: 1 Sep 2016 17:11

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:264 Resp: 94156

Ion	Ratio	Lower	Upper
264	100		
260	23.8	20.1	30.1
265	22.9	17.9	26.9

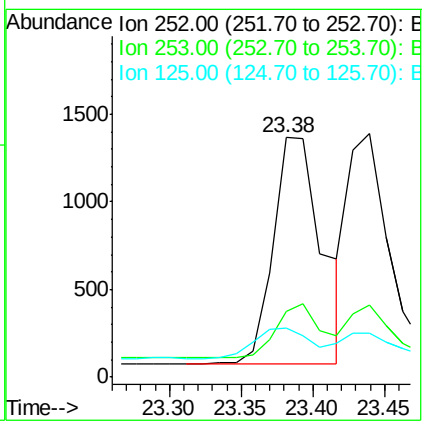


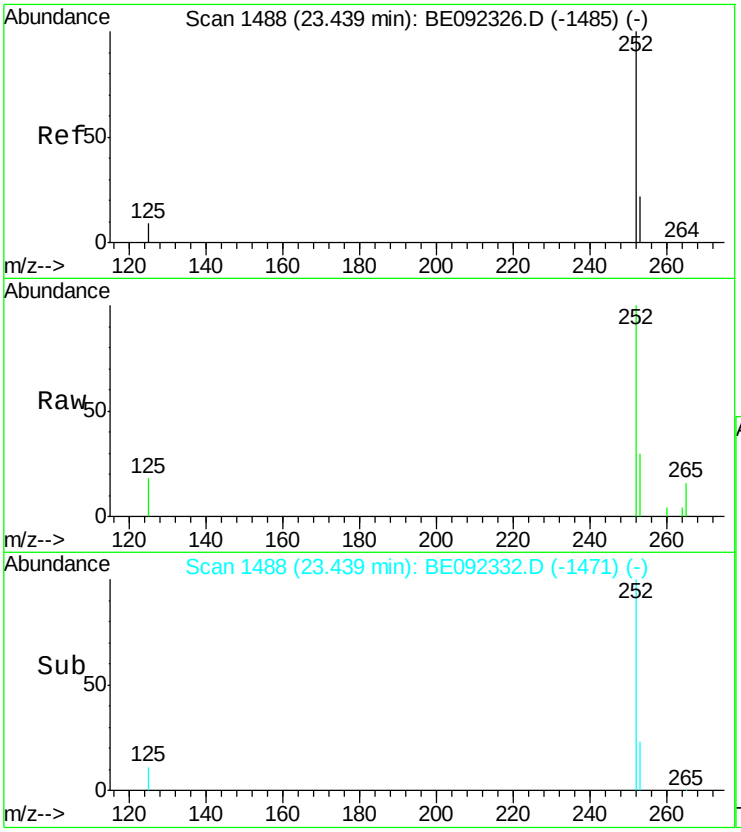


#32
Benzo(b)fluoranthene
Concen: 0.14 ng
RT: 23.38 min Scan# 1483
Delta R.T. -0.00 min
Lab File: BE092332.D
Acq: 1 Sep 2016 17:11

Tgt Ion:252 Resp: 3067

Ion	Ratio	Lower	Upper
252	100		
253	27.6	18.7	28.1
125	20.7	10.5	15.7#



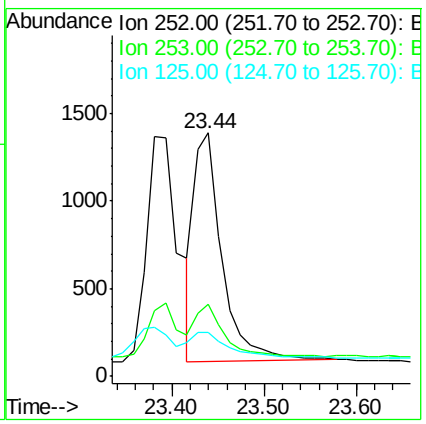


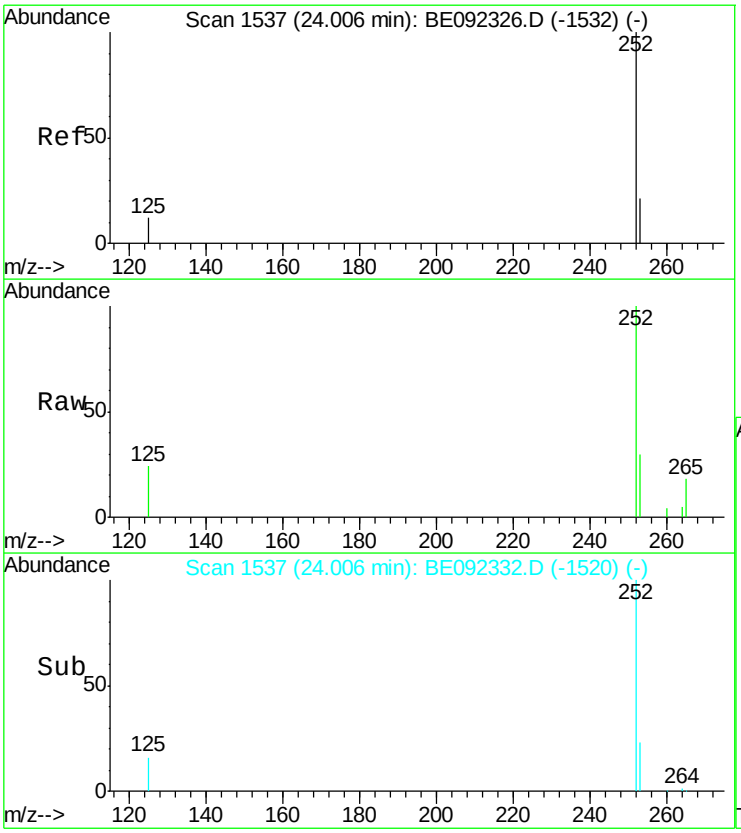
#33
Benzo(k)fluoranthene
Concen: 0.11 ng
RT: 23.44 min Scan# 1488
Delta R.T. -0.00 min
Lab File: BE092332.D
Acq: 1 Sep 2016 17:11

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:252 Resp: 2741

Ion	Ratio	Lower	Upper
252	100		
253	29.6	20.3	30.5
125	18.2	9.6	14.4#

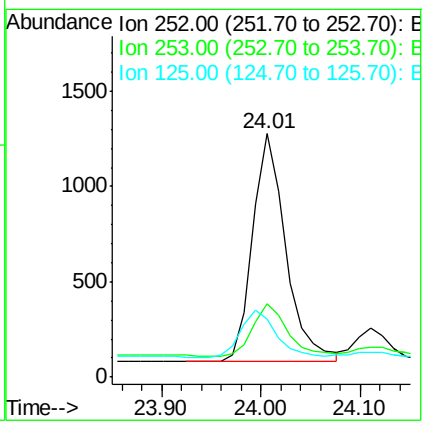


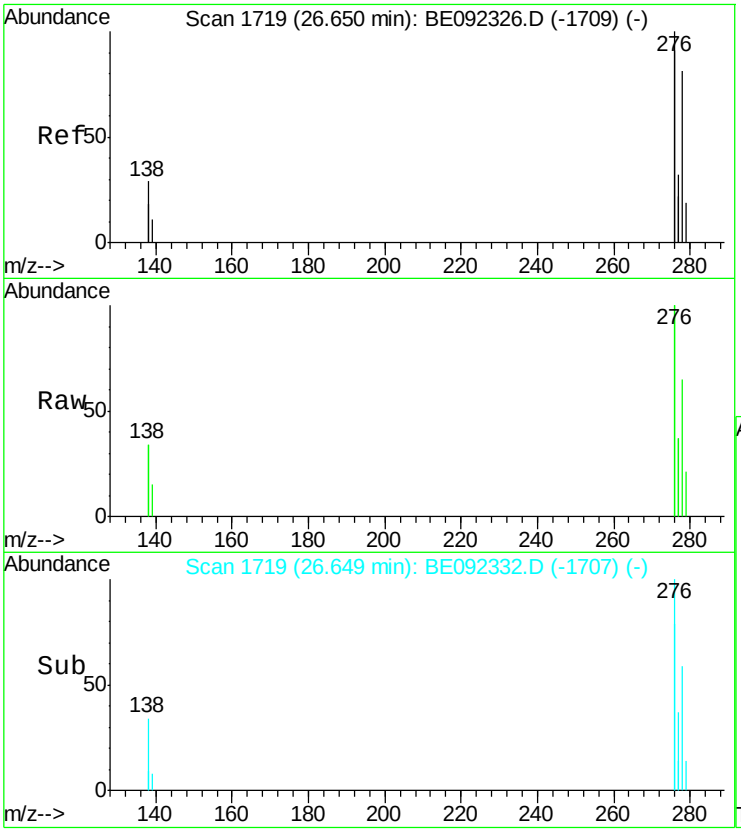


#34
Benzo(a)pyrene
Concen: 0.12 ng
RT: 24.01 min Scan# 1537
Delta R.T. -0.00 min
Lab File: BE092332.D
Acq: 1 Sep 2016 17:11

Tgt Ion:252 Resp: 2779

Ion	Ratio	Lower	Upper
252	100		
253	30.0	19.0	28.6#
125	23.7	11.8	17.8#



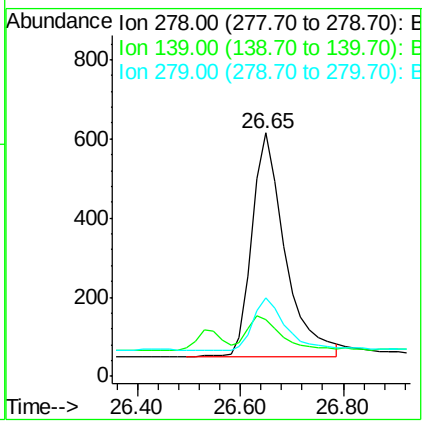


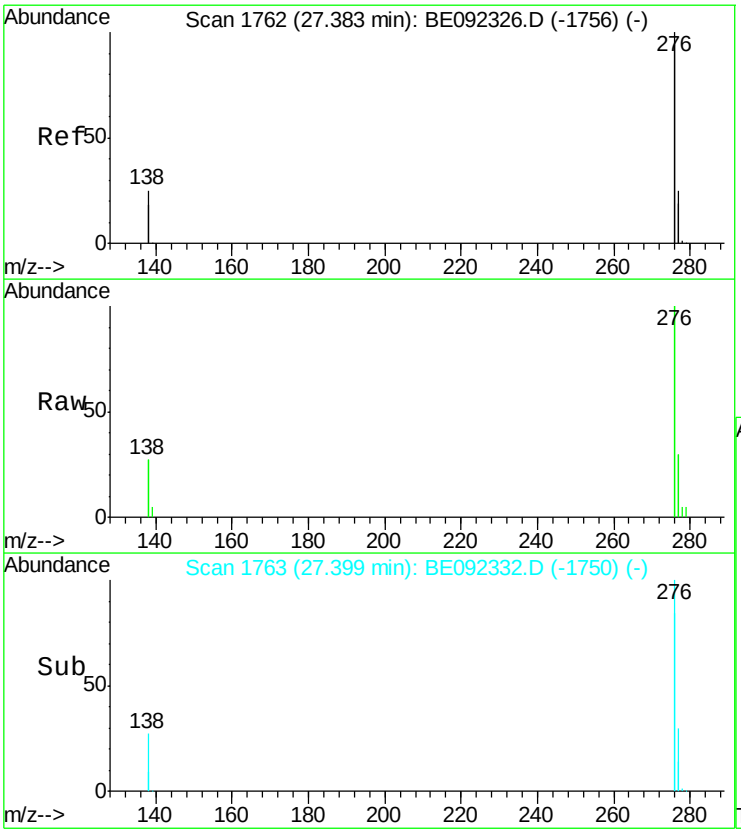
#35
Dibenzo(a,h)anthracene
Concen: 0.13 ng
RT: 26.65 min Scan# 1719
Delta R.T. -0.00 min
Lab File: BE092332.D
Acq: 1 Sep 2016 17:11

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:278 Resp: 2503

Ion	Ratio	Lower	Upper
278	100		
139	23.6	13.8	20.8#
279	32.5	21.4	32.2#





#36
Benzo(g,h,i)perylene
Concen: 0.12 ng
RT: 27.40 min Scan# 1763
Delta R.T. 0.02 min
Lab File: BE092332.D
Acq: 1 Sep 2016 17:11

Tgt Ion:276 Resp: 10675

Ion	Ratio	Lower	Upper
276	100		
277	30.3	19.8	29.8#
138	27.2	19.8	29.6