Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE090116\
Data File : BE092339.D
Acq On : 1 Sep 2016 21:27
Operator : UM/SJ
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDCCC0.4EC

Quant Time: Sep 02 03:40:50 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 03:36:16 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.19	152	7720	5.00	ng		0.00
7) Naphthalene-d8	10.95	136	36894	5.00	ng		0.00
12) Acenaphthene-d10	14.81	164	22718	5.00	ng		-0.02
18) Phenanthrene-d10	17.58	188	55685	5.00	ng		0.00
24) Chrysene-d12	21.75	240	82603	5.00	ng		0.00
31) Perylene-d12	24.12	264	76903	5.00	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.69	112	777	0.38	ng		0.00
5) Phenol-d6	7.36	99	929	0.33	ng		0.00
8) Nitrobenzene-d5	9.36	82	896	0.33	ng		0.00
13) 2,4,6-Tribromophenol	16.32	330	298	0.34	ng		0.00
14) 2-Fluorobiphenyl	13.45	172	2783	0.40	ng		0.00
26) Terphenyl-d14	20.19	244	4290	0.38	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.42	88	497	0.45	ng		97
3) n-Nitrosodimethylamine	3.79	42	409	0.36	ng	#	95
6) bis(2-Chloroethyl)ether	7.61	93	777	0.43	ng	#	5
9) Naphthalene	11.01	128	3489	0.43	ng		100
10) Hexachlorobutadiene	11.30	225	549	0.42	ng		99
11) 2-Methylnaphthalene	12.65	142	2220	0.41	ng		93
15) Acenaphthylene	14.54	152	16131	0.41	ng		100
16) Acenaphthene	14.88	154	2677	0.42	ng		99
17) Fluorene	15.87	166	3299	0.41	ng		100
19) Hexachlorobenzene	16.89	284	1042	0.43	ng	#	67
20) Pentachlorophenol	17.26	266	238	0.37	ng		100
21) Phenanthrene	17.60	178	5886	0.43	ng	#	100
22) Anthracene	17.72	178	5289	0.40	ng		100
23) Fluoranthene	19.61	202	27914	0.41	ng		99
25) Pyrene	19.97	202	29595	0.39	ng		100
27) Benzo(a)anthracene	21.72	228	69460	0.76	ng		97
28) Chrysene	21.72	228	69985	0.90	ng	#	77
29) Bis(2-ethylhexyl)phthalate	21.63	149	2709	0.30	ng	#	100
30) Indeno(1,2,3-cd)pyrene	26.62	276	36914	0.41	ng		100
32) Benzo(b)fluoranthene	23.38	252	7895	0.38	ng		99
33) Benzo(k)fluoranthene	23.43	252	8836	0.44	ng		96
34) Benzo(a)pyrene	24.01	252	8050	0.41	ng		99
35) Dibenzo(a,h)anthracene	26.63	278	7500	0.40	ng		97
36) Benzo(g,h,i)perylene	27.38	276	31686	0.41	ng		99

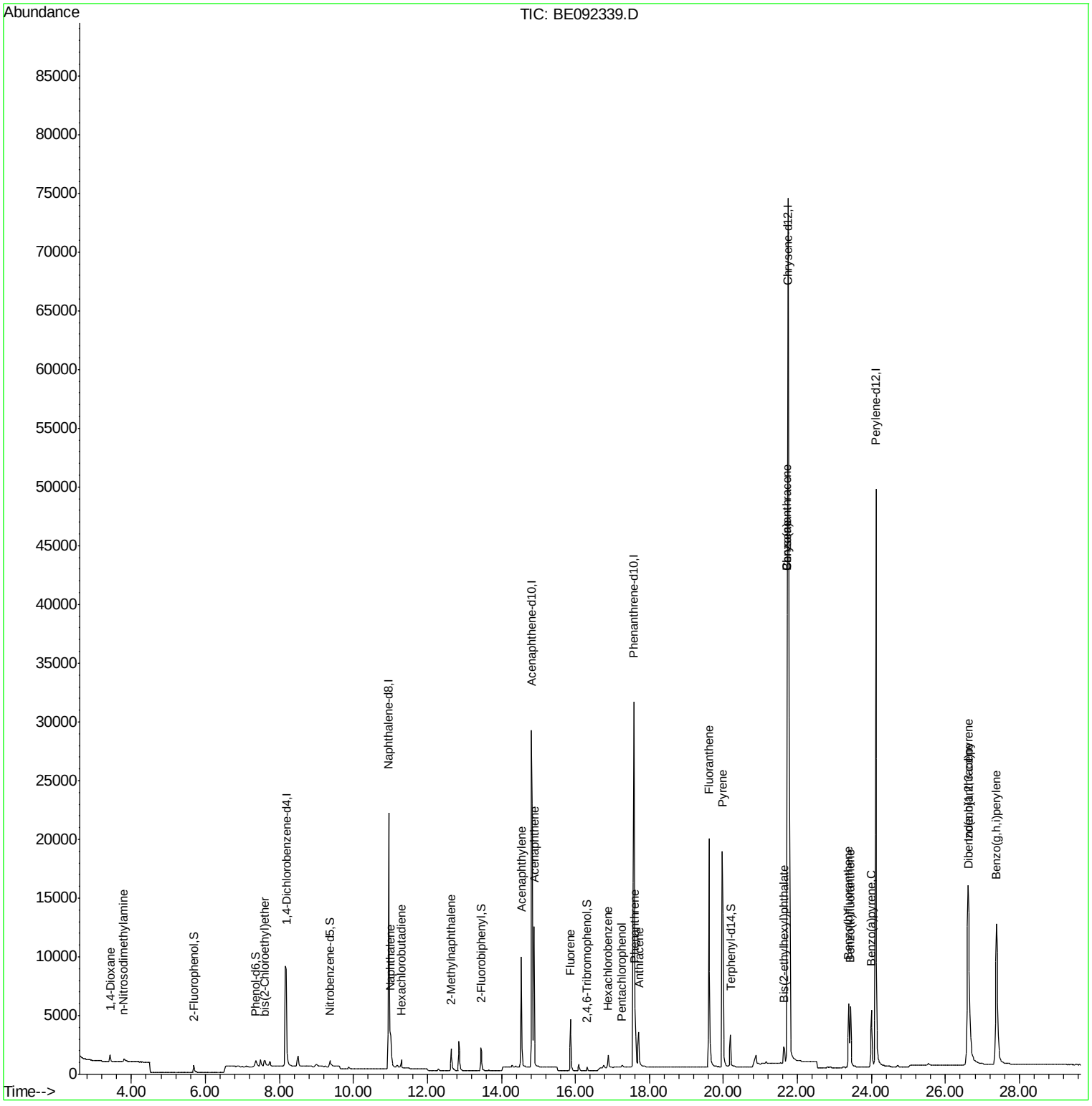
(#) = qualifier out of range (m) = manual integration (+) = signals summed

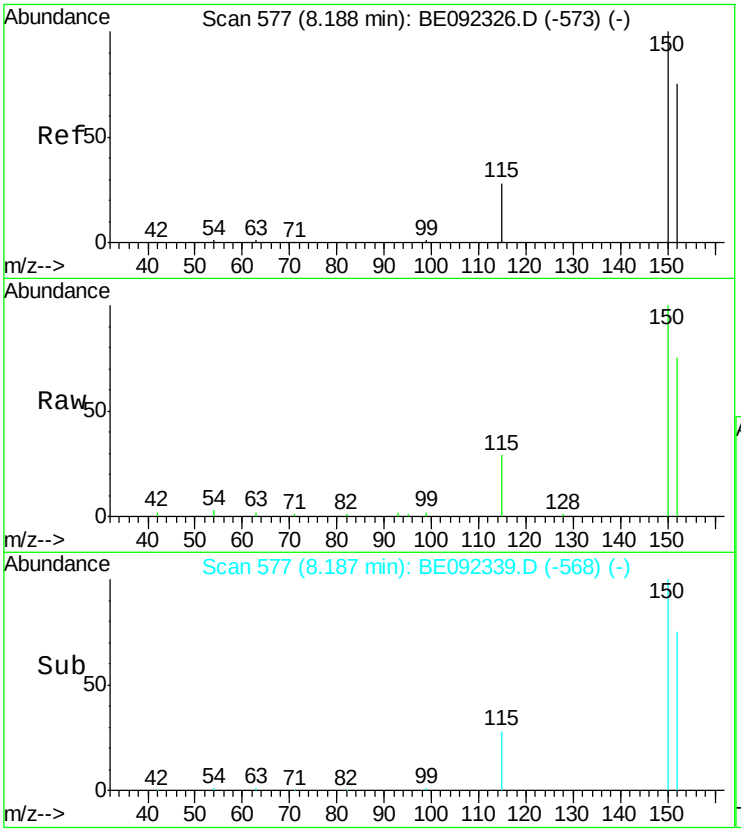
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE090116\
Data File : BE092339.D
Acq On : 1 Sep 2016 21:27
Operator : UM/SJ
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Quant Time: Sep 02 03:40:50 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 03:36:16 2016
Response via : Initial Calibration



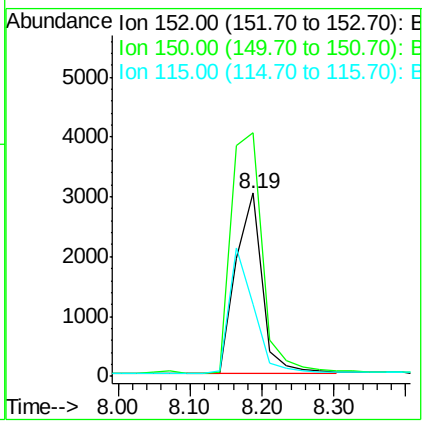


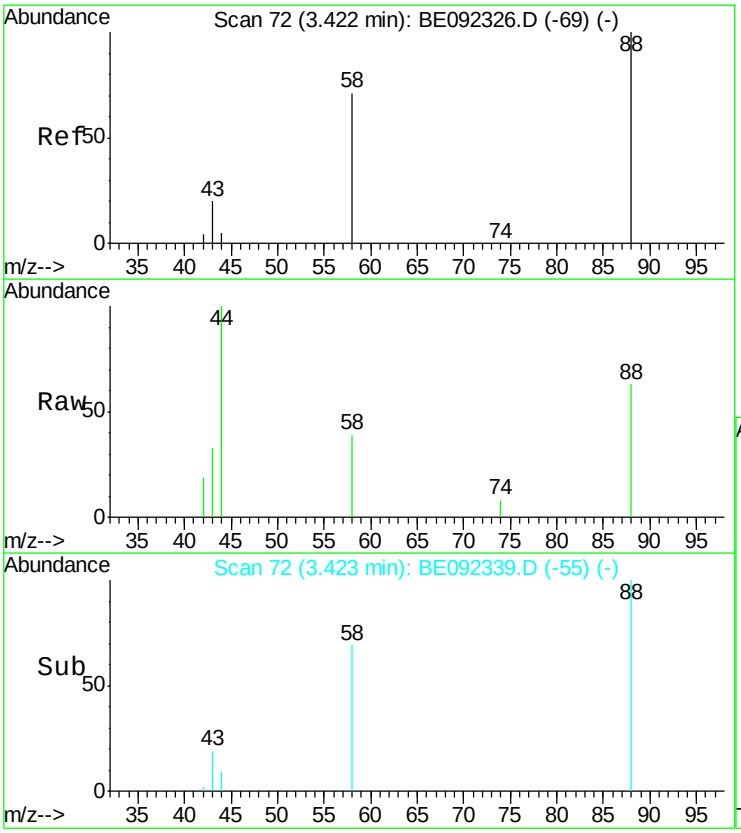
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 8.19 min Scan# 577
Delta R.T. -0.00 min
Lab File: BE092339.D
Acq: 1 Sep 2016 21:27

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:152 Resp: 7720

Ion	Ratio	Lower	Upper
152	100		
150	133.0	106.0	159.0
115	39.1	31.2	46.8

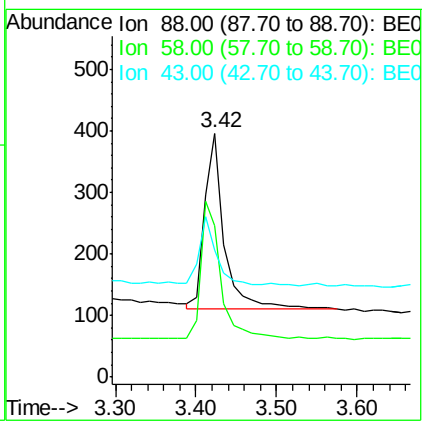


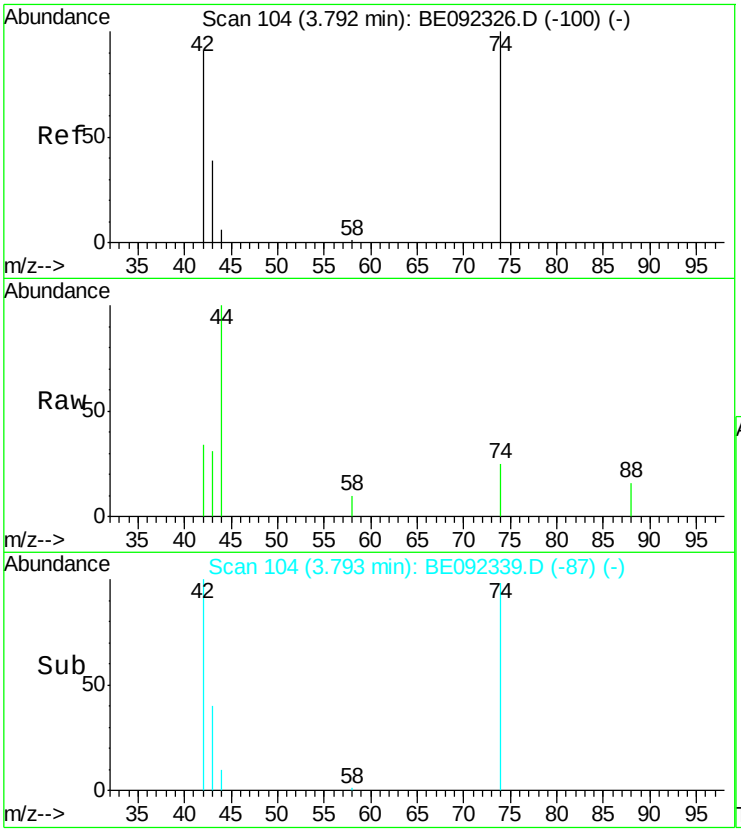


#2
1,4-Dioxane
Concen: 0.45 ng
RT: 3.42 min Scan# 72
Delta R.T. 0.00 min
Lab File: BE092339.D
Acq: 1 Sep 2016 21:27

Tgt Ion: 88 Resp: 497

Ion	Ratio	Lower	Upper
88	100		
58	77.5	63.6	95.4
43	32.2	28.0	42.0



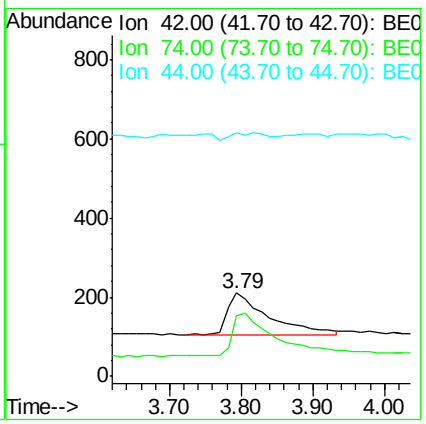


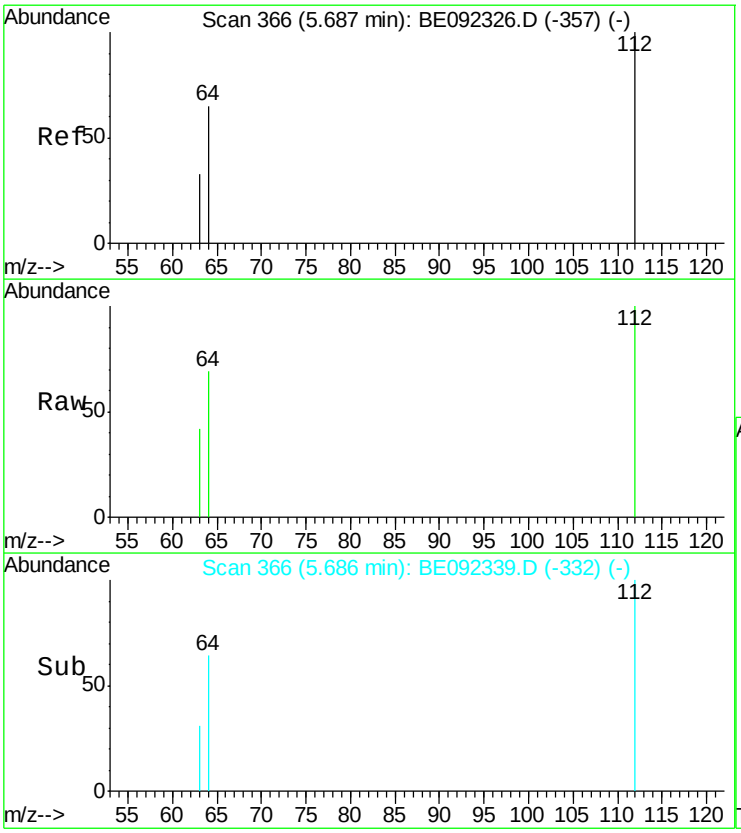
#3
n-Nitrosodimethylamine
Concen: 0.36 ng
RT: 3.79 min Scan# 104
Delta R.T. 0.00 min
Lab File: BE092339.D
Acq: 1 Sep 2016 21:27

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion: 42 Resp: 409

Ion	Ratio	Lower	Upper
42	100		
74	111.7	86.0	129.0
44	15.2	5.1	7.7#

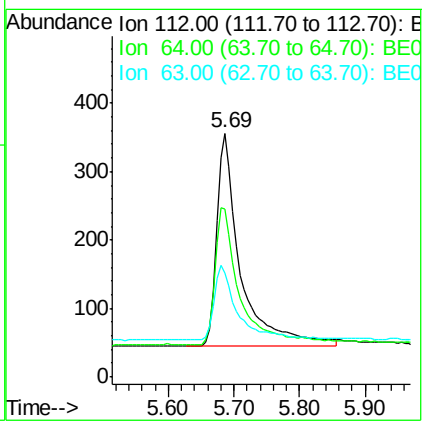


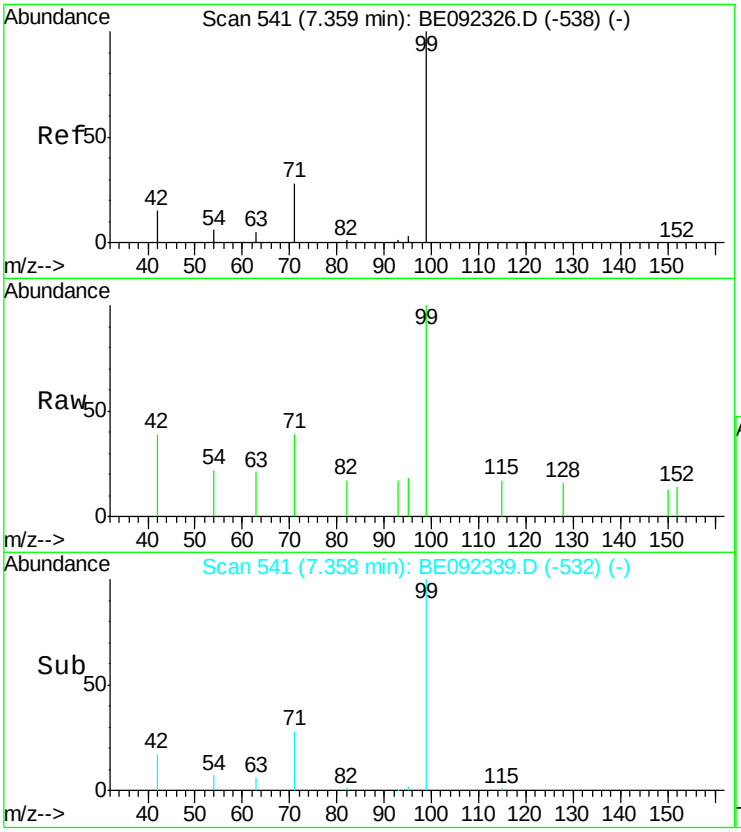


#4
2-Fluorophenol
Concen: 0.38 ng
RT: 5.69 min Scan# 366
Delta R.T. -0.00 min
Lab File: BE092339.D
Acq: 1 Sep 2016 21:27

Tgt Ion:112 Resp: 777

Ion	Ratio	Lower	Upper
112	100		
64	66.5	53.5	80.3
63	33.8	27.9	41.9



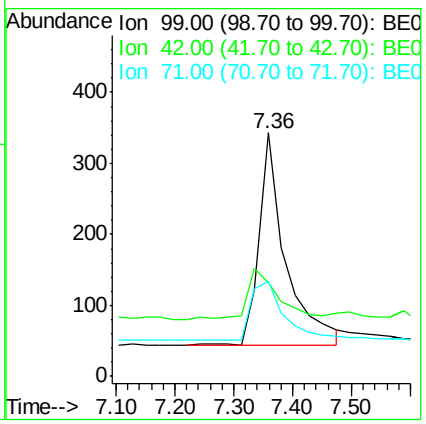


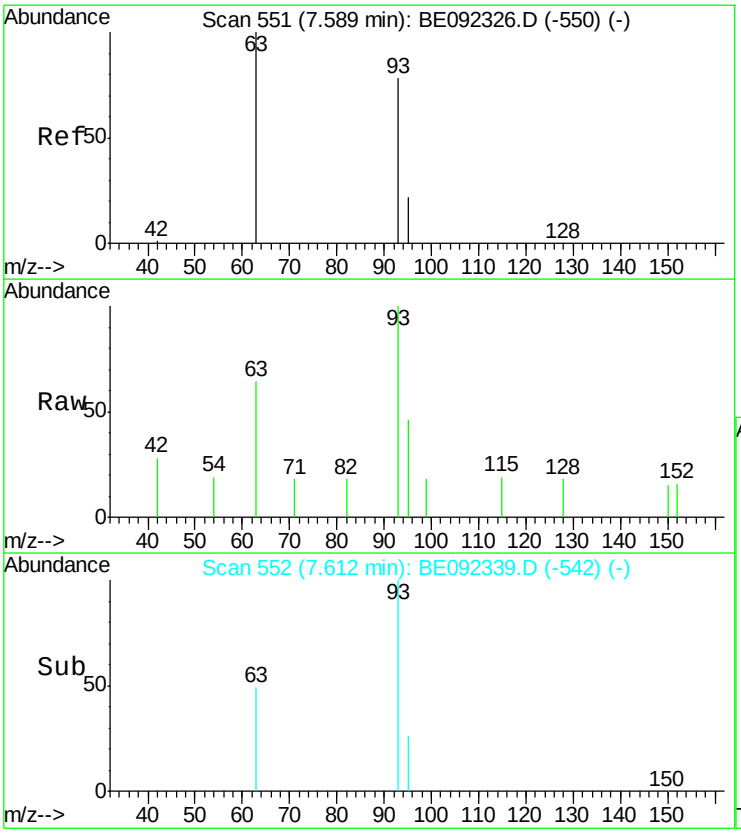
#5
Phenol-d6
Concen: 0.33 ng
RT: 7.36 min Scan# 541
Delta R.T. -0.00 min
Lab File: BE092339.D
Acq: 1 Sep 2016 21:27

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion: 99 Resp: 929

Ion	Ratio	Lower	Upper
99	100		
42	0.0	0.0	0.0
71	35.5	30.6	45.8

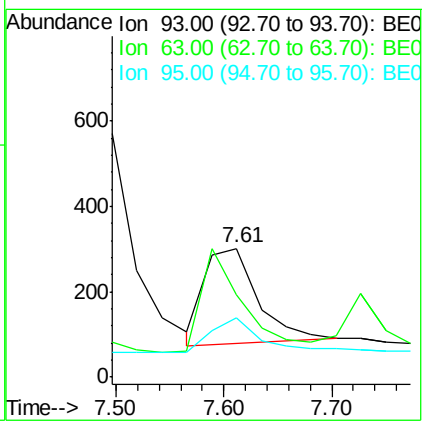


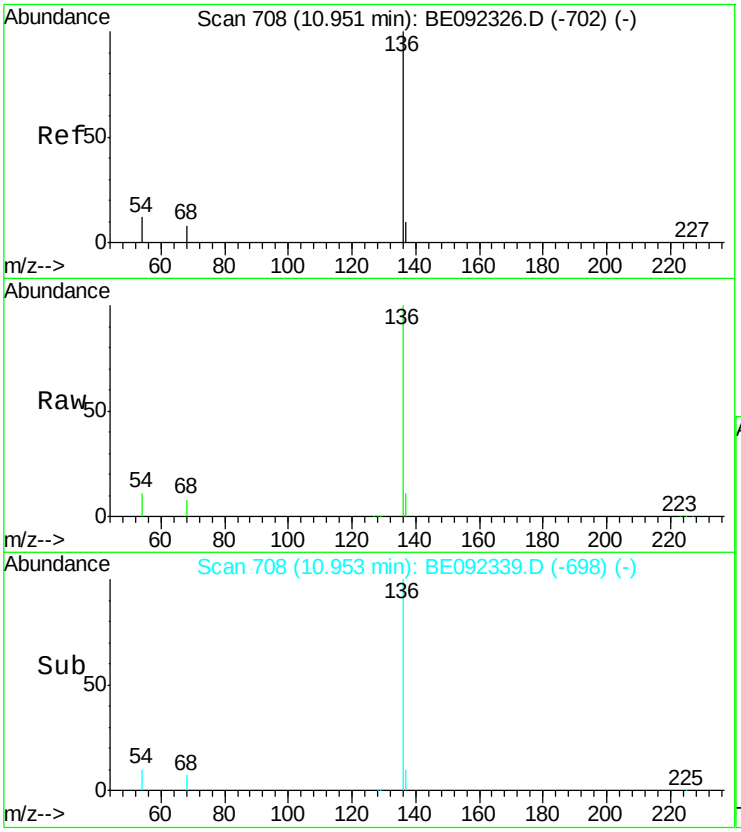


#6
bis(2-Chloroethyl)ether
Concen: 0.43 ng
RT: 7.61 min Scan# 552
Delta R.T. 0.02 min
Lab File: BE092339.D
Acq: 1 Sep 2016 21:27

Tgt Ion: 93 Resp: 777

Ion	Ratio	Lower	Upper
93	100		
63	0.0	71.6	107.4#
95	32.2	0.0	0.0#



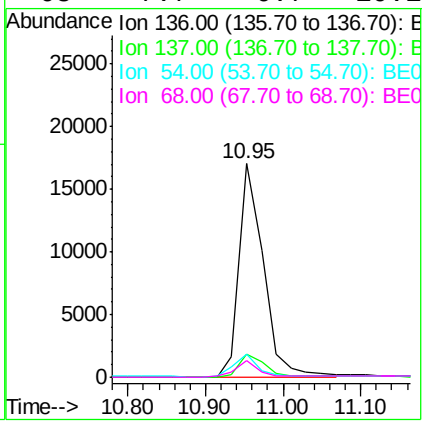


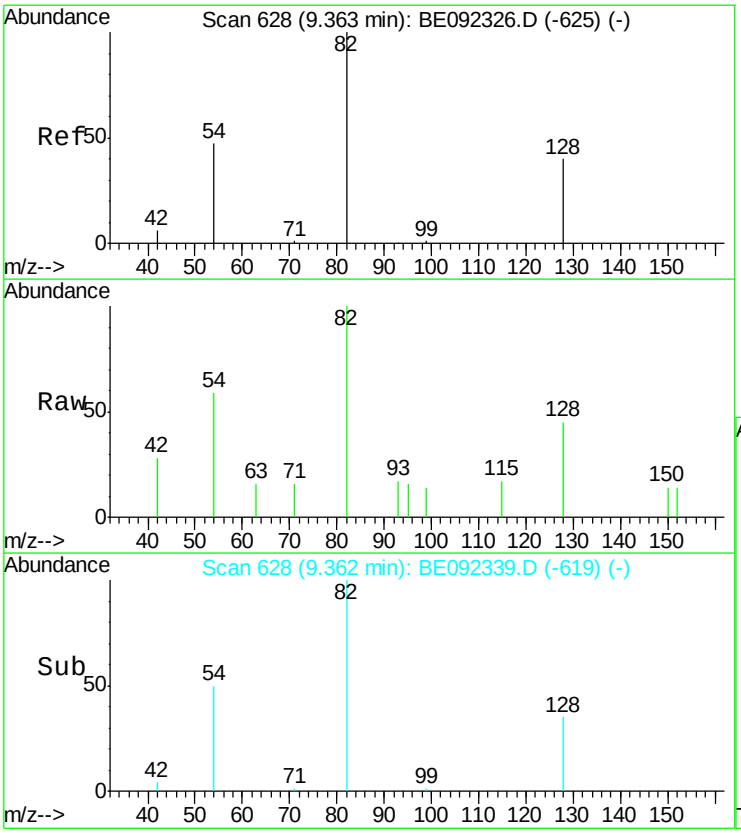
#7
Naphthalene-d8
Concen: 5.00 ng
RT: 10.95 min Scan# 708
Delta R.T. 0.00 min
Lab File: BE092339.D
Acq: 1 Sep 2016 21:27

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:136 Resp: 36894

Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.2	12.4
54	10.7	9.6	14.4
68	7.7	6.7	10.1

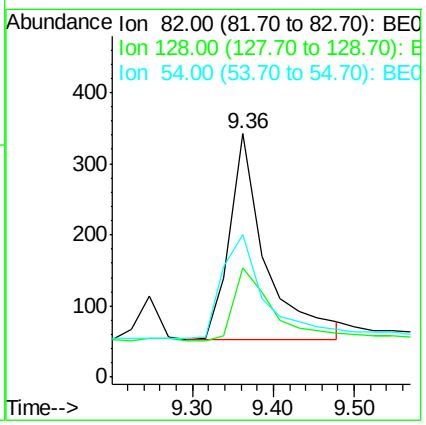


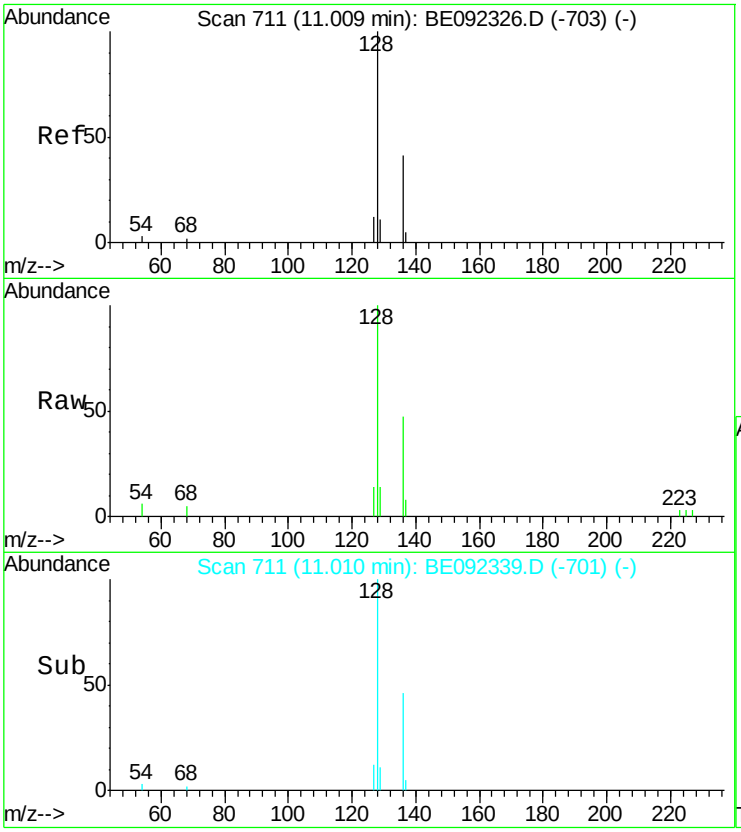


#8
Nitrobenzene-d5
Concen: 0.33 ng
RT: 9.36 min Scan# 628
Delta R.T. -0.00 min
Lab File: BE092339.D
Acq: 1 Sep 2016 21:27

Tgt Ion: 82 Resp: 896

Ion	Ratio	Lower	Upper
82	100		
128	44.7	39.0	58.4
54	58.8	44.8	67.2



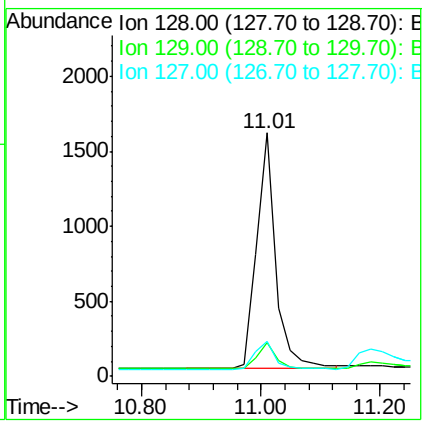


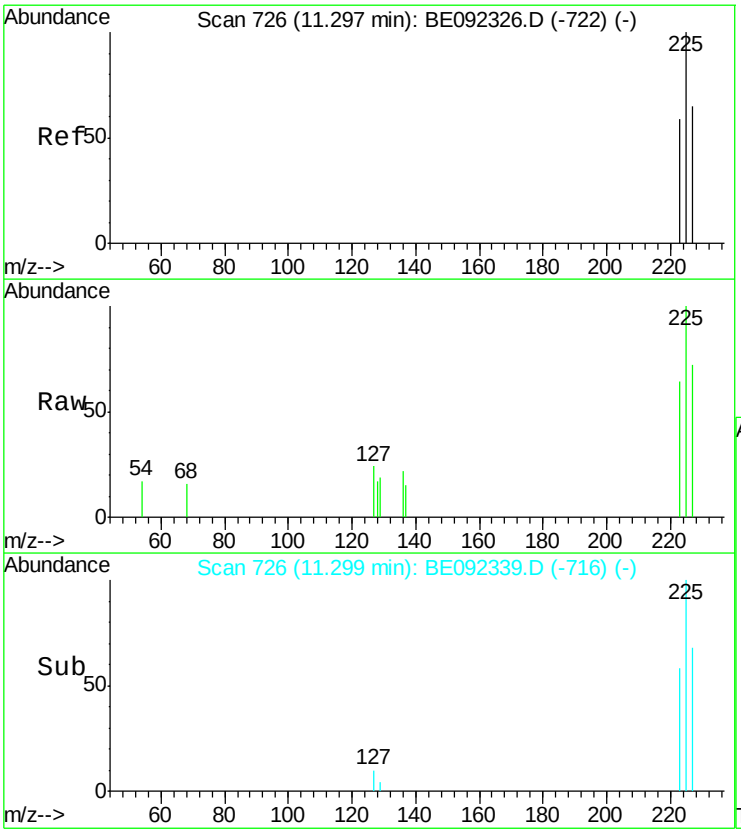
#9
Naphthalene
Concen: 0.43 ng
RT: 11.01 min Scan# 711
Delta R.T. 0.00 min
Lab File: BE092339.D
Acq: 1 Sep 2016 21:27

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:128 Resp: 3489

Ion	Ratio	Lower	Upper
128	100		
129	13.9	11.2	16.8
127	14.5	11.6	17.4

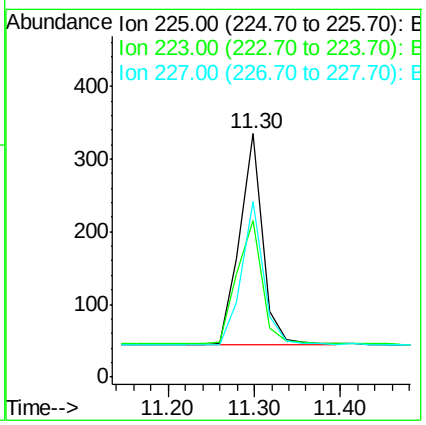


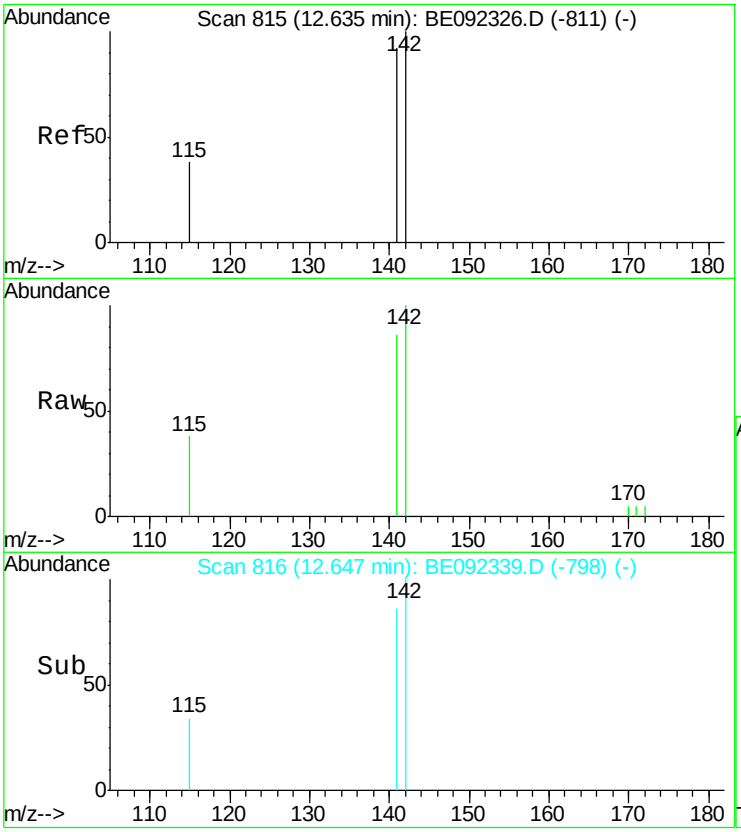


#10
Hexachlorobutadiene
Concen: 0.42 ng
RT: 11.30 min Scan# 726
Delta R.T. 0.00 min
Lab File: BE092339.D
Acq: 1 Sep 2016 21:27

Tgt Ion:225 Resp: 549

Ion	Ratio	Lower	Upper
225	100		
223	62.1	50.6	76.0
227	65.0	51.4	77.0



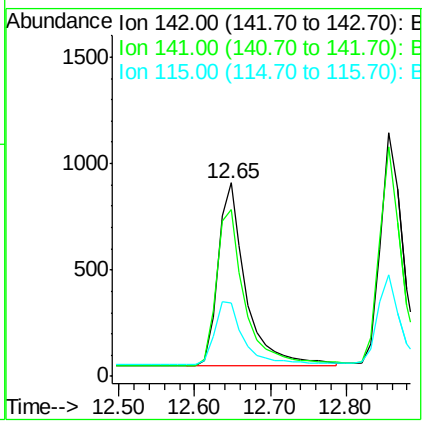


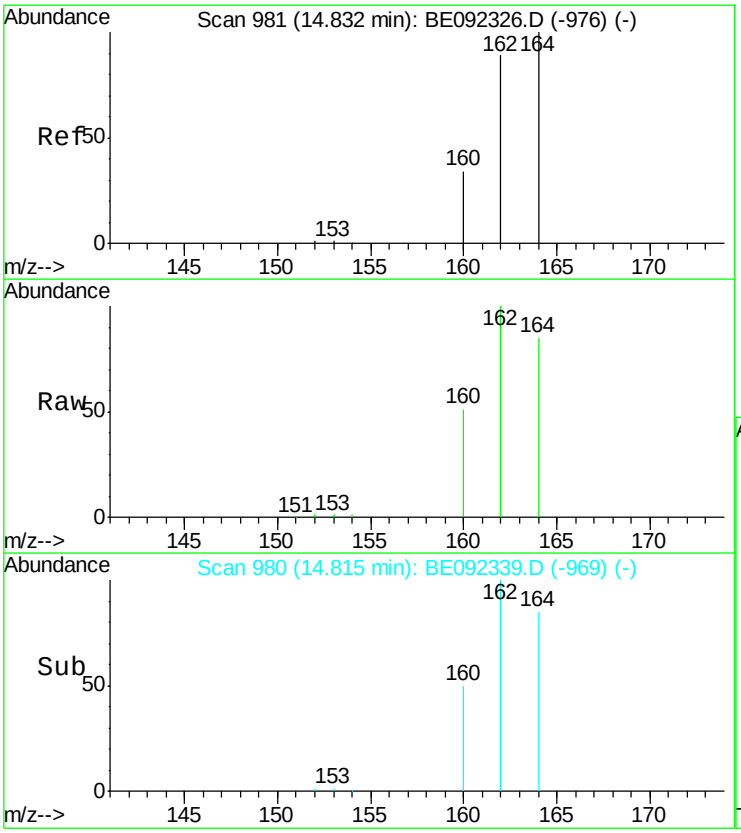
#11
2-Methylnaphthalene
Concen: 0.41 ng
RT: 12.65 min Scan# 816
Delta R.T. 0.01 min
Lab File: BE092339.D
Acq: 1 Sep 2016 21:27

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:142 Resp: 2220

Ion	Ratio	Lower	Upper
142	100		
141	86.2	73.7	110.5
115	37.8	34.0	51.0

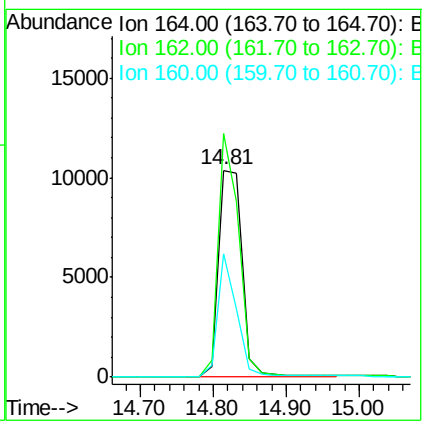


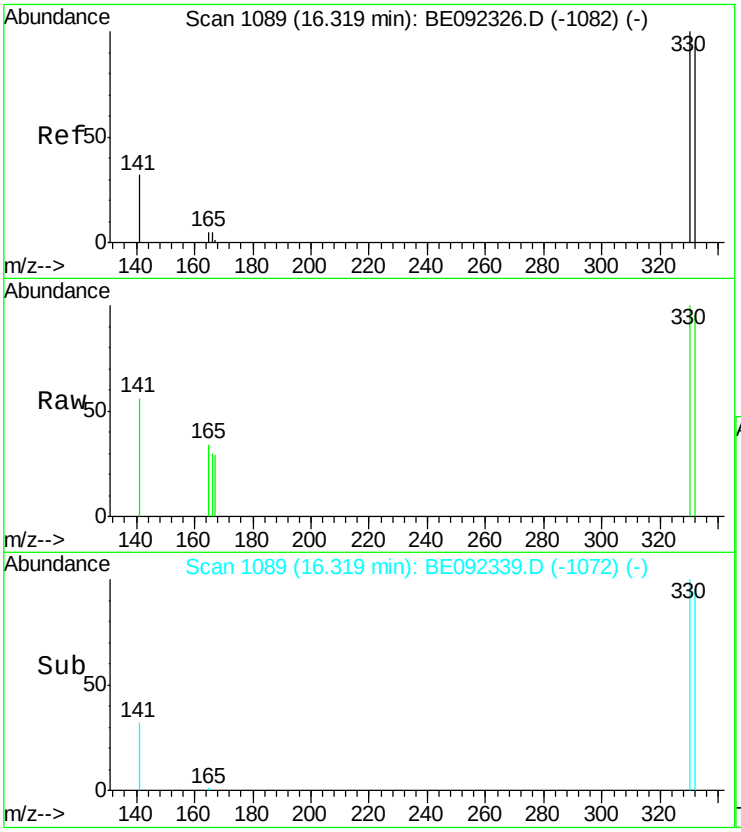


#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.81 min Scan# 980
Delta R.T. -0.02 min
Lab File: BE092339.D
Acq: 1 Sep 2016 21:27

Tgt Ion:164 Resp: 22718

Ion	Ratio	Lower	Upper
164	100		
162	117.8	71.4	107.0#
160	59.6	27.4	41.2#



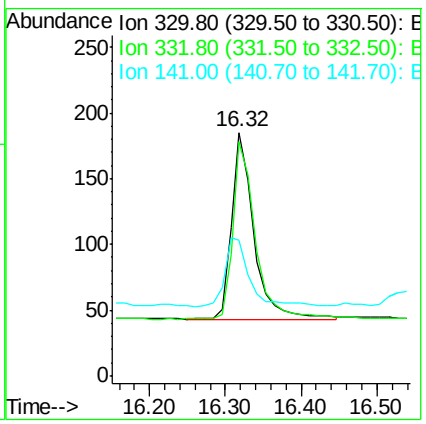


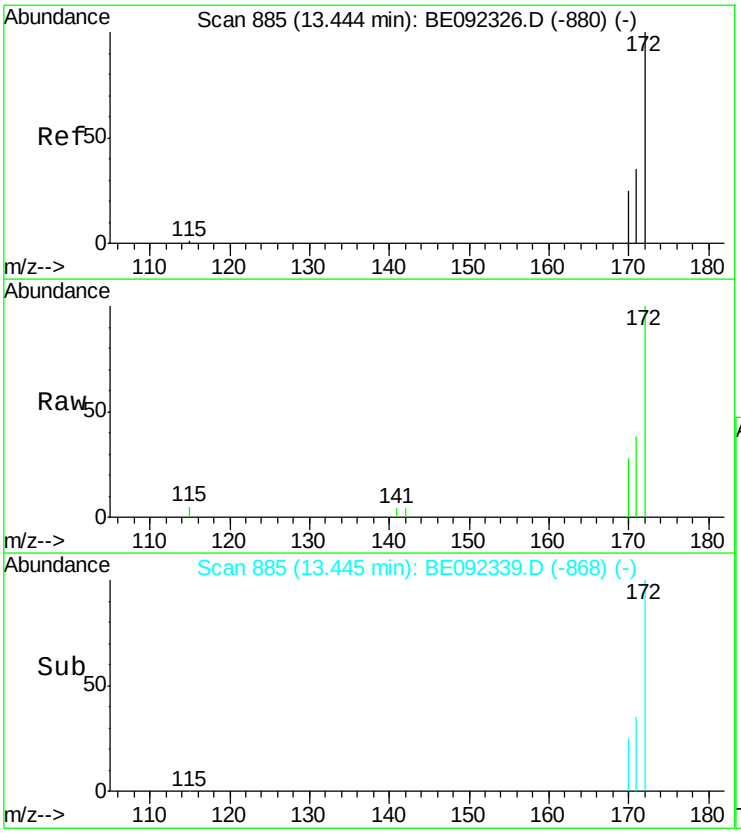
#13
2,4,6-Tribromophenol
Concen: 0.34 ng
RT: 16.32 min Scan# 1089
Delta R.T. -0.00 min
Lab File: BE092339.D
Acq: 1 Sep 2016 21:27

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:330 Resp: 298

Ion	Ratio	Lower	Upper
330	100		
332	96.3	75.4	113.0
141	41.6	31.0	46.6

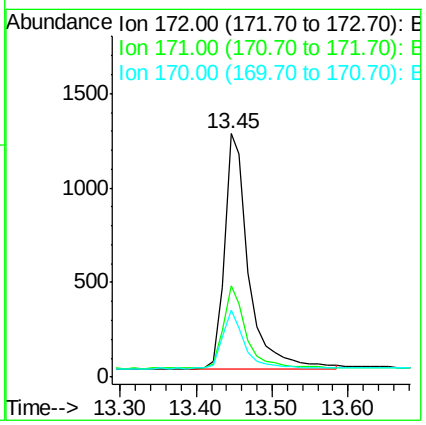


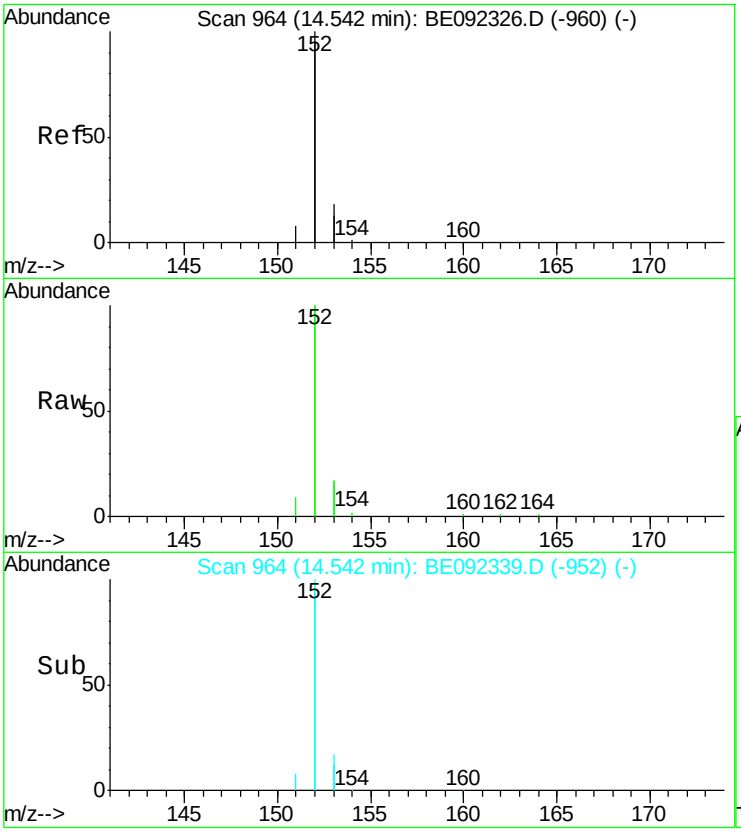


#14
2-Fluorobiphenyl
Concen: 0.40 ng
RT: 13.45 min Scan# 885
Delta R.T. 0.00 min
Lab File: BE092339.D
Acq: 1 Sep 2016 21:27

Tgt Ion:172 Resp: 2783

Ion	Ratio	Lower	Upper
172	100		
171	37.7	30.1	45.1
170	27.6	21.8	32.6



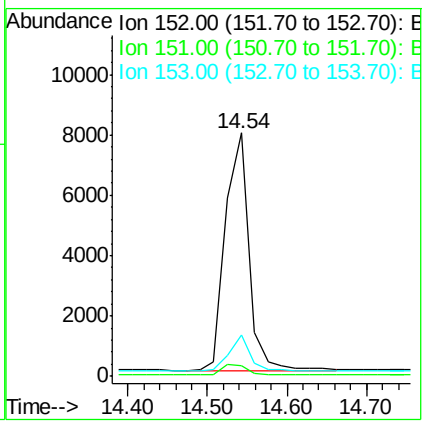


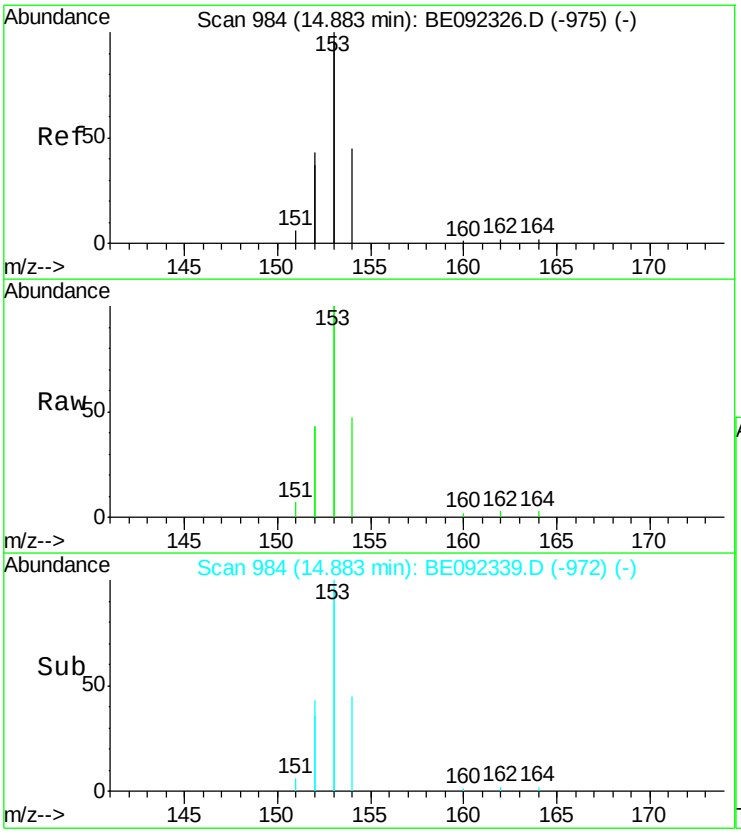
#15
Acenaphthylene
Concen: 0.41 ng
RT: 14.54 min Scan# 964
Delta R.T. -0.00 min
Lab File: BE092339.D
Acq: 1 Sep 2016 21:27

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:152 Resp: 16131

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

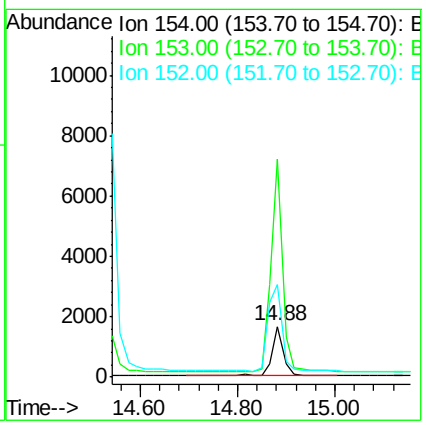


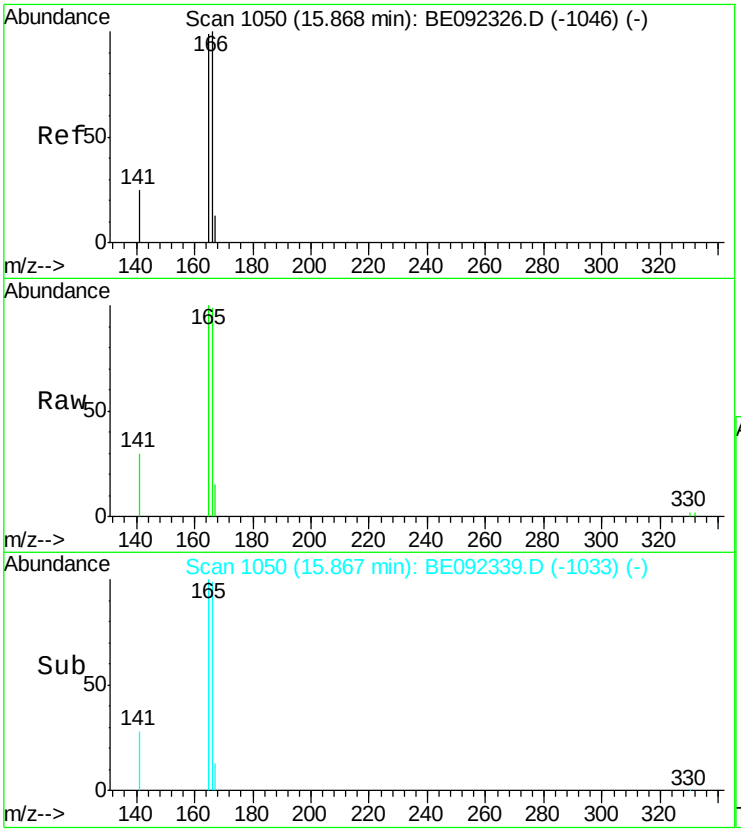


#16
Acenaphthene
Concen: 0.42 ng
RT: 14.88 min Scan# 984
Delta R.T. -0.00 min
Lab File: BE092339.D
Acq: 1 Sep 2016 21:27

Tgt Ion:154 Resp: 2677

Ion	Ratio	Lower	Upper
154	100		
153	435.9	350.8	526.2
152	217.2	171.1	256.7



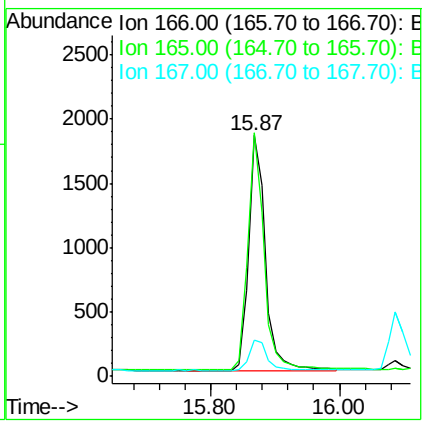


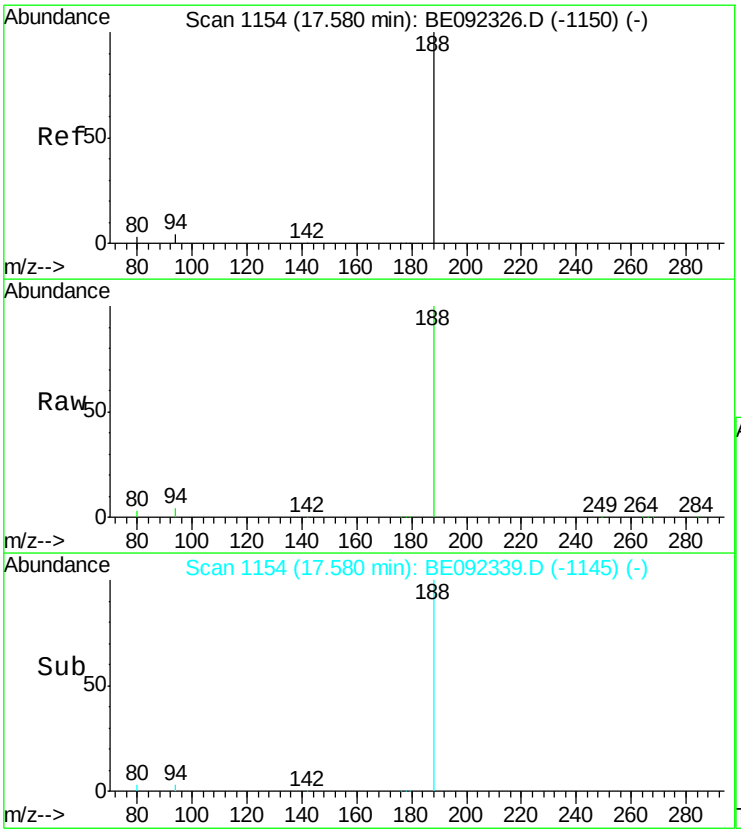
#17
Fluorene
Concen: 0.41 ng
RT: 15.87 min Scan# 1050
Delta R.T. -0.00 min
Lab File: BE092339.D
Acq: 1 Sep 2016 21:27

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:166 Resp: 3299

Ion	Ratio	Lower	Upper
166	100		
165	97.3	78.2	117.4
167	13.5	11.0	16.4

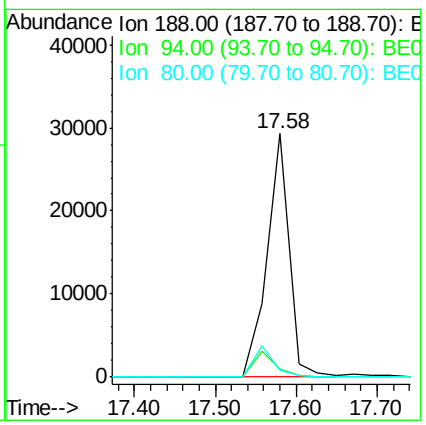


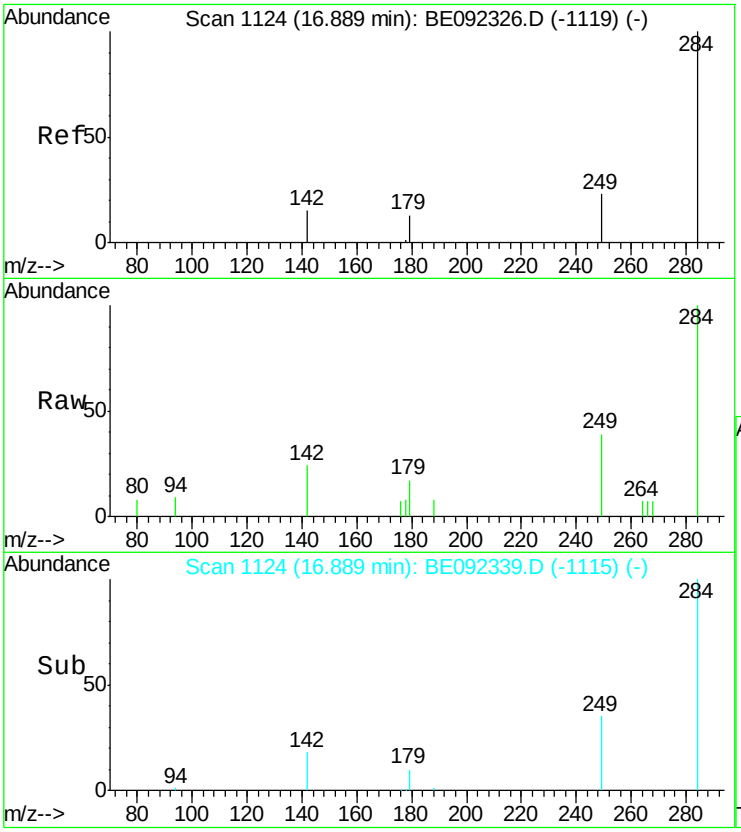


#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.58 min Scan# 1154
Delta R.T. -0.00 min
Lab File: BE092339.D
Acq: 1 Sep 2016 21:27

Tgt Ion:188 Resp: 55685

Ion	Ratio	Lower	Upper
188	100		
94	3.5	3.2	4.8
80	2.9	2.6	3.8



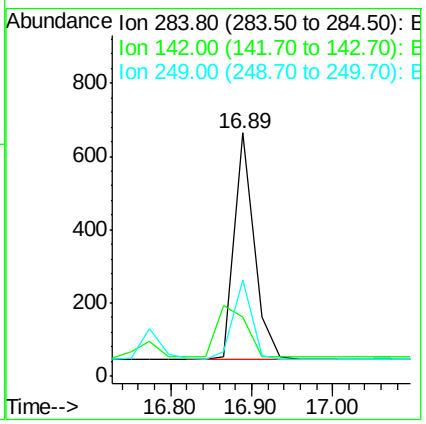


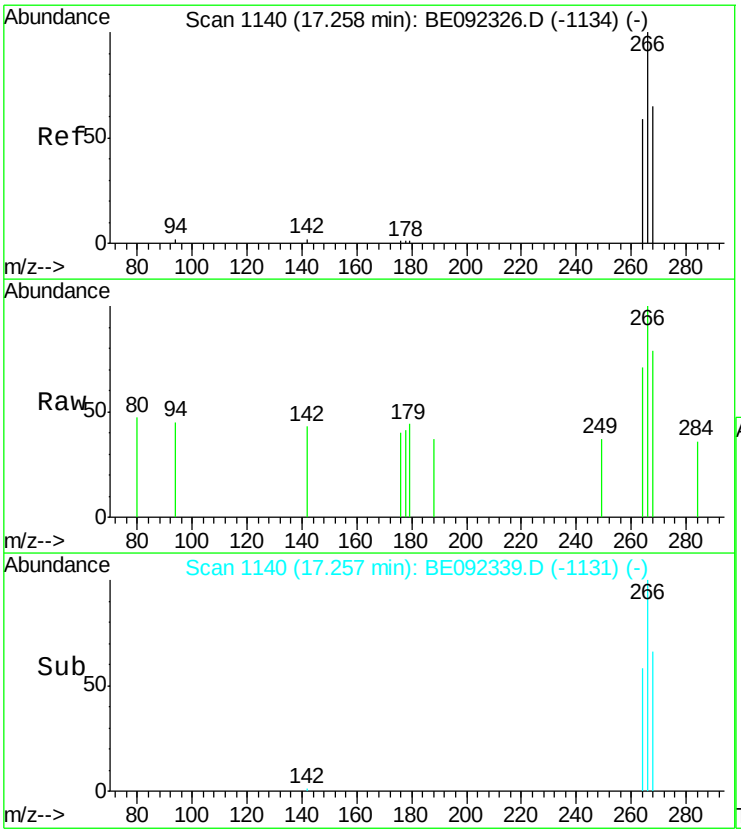
#19
Hexachlorobenzene
Concen: 0.43 ng
RT: 16.89 min Scan# 1124
Delta R.T. -0.00 min
Lab File: BE092339.D
Acq: 1 Sep 2016 21:27

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:284 Resp: 1042

Ion	Ratio	Lower	Upper
284	100		
142	0.0	29.1	43.7#
249	33.3	27.9	41.9

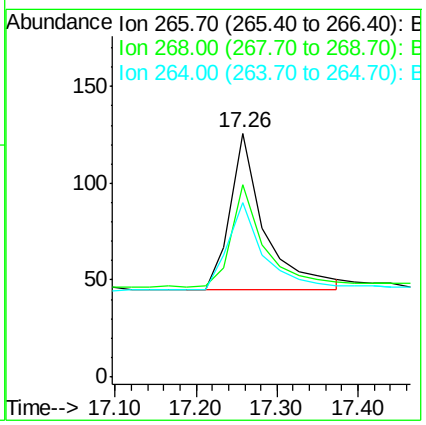


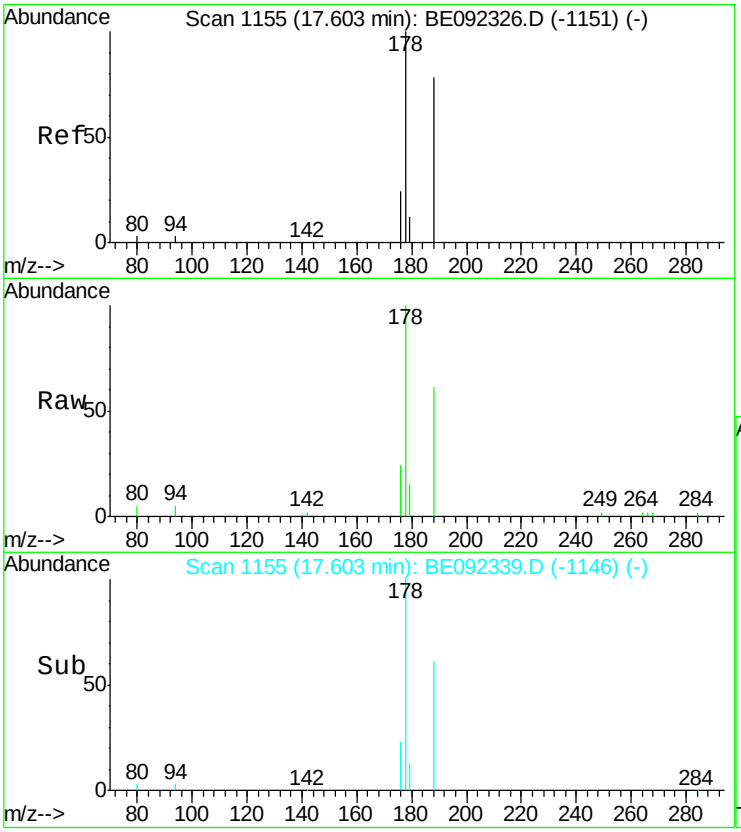


#20
Pentachlorophenol
Concen: 0.37 ng
RT: 17.26 min Scan# 1140
Delta R.T. 0.00 min
Lab File: BE092339.D
Acq: 1 Sep 2016 21:27

Tgt Ion:266 Resp: 238

Ion	Ratio	Lower	Upper
266	100		
268	78.6	62.5	93.7
264	71.4	57.2	85.8



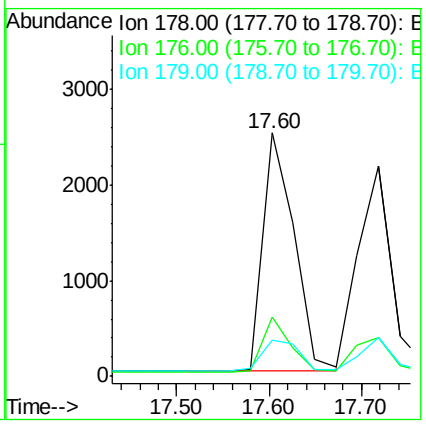


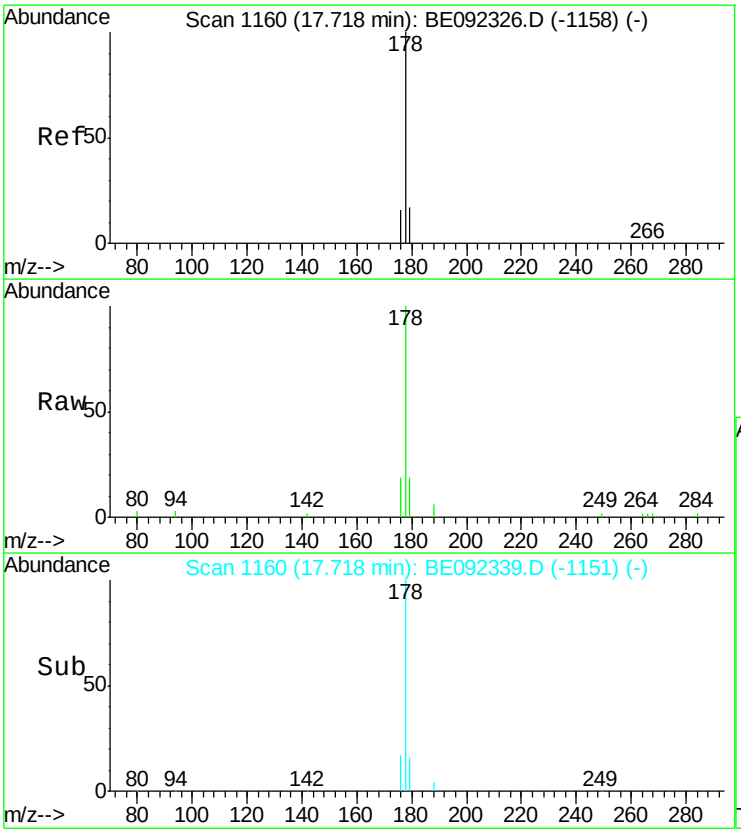
#21
Phenanthrene
Concen: 0.43 ng
RT: 17.60 min Scan# 1155
Delta R.T. -0.00 min
Lab File: BE092339.D
Acq: 1 Sep 2016 21:27

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:178 Resp: 5886

Ion	Ratio	Lower	Upper
178	100		
176	20.0	15.8	23.8
179	15.8	0.0	0.0#

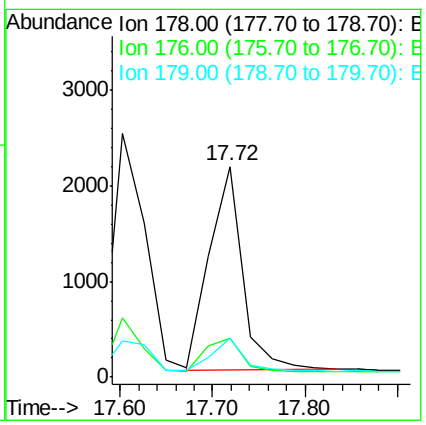


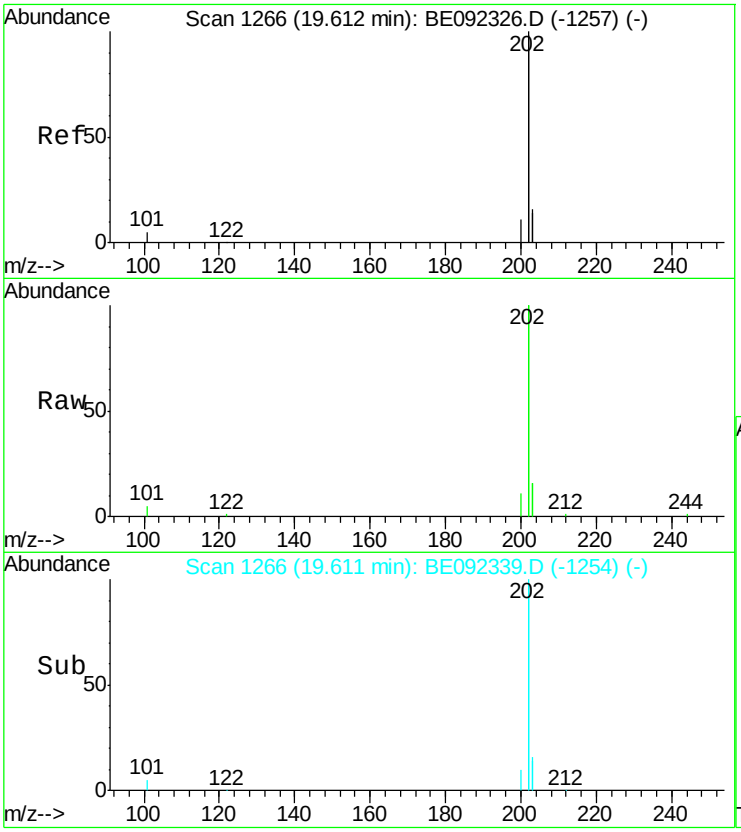


#22
Anthracene
Concen: 0.40 ng
RT: 17.72 min Scan# 1160
Delta R.T. -0.00 min
Lab File: BE092339.D
Acq: 1 Sep 2016 21:27

Tgt Ion:178 Resp: 5289

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.0	22.4
179	14.8	12.2	18.2



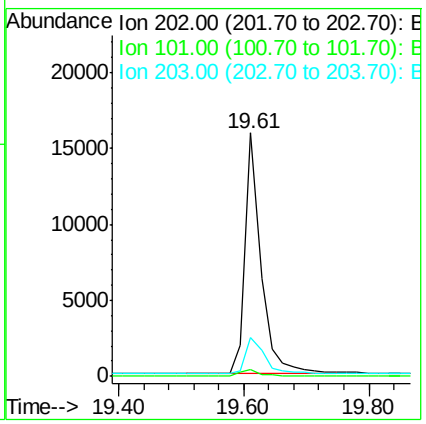


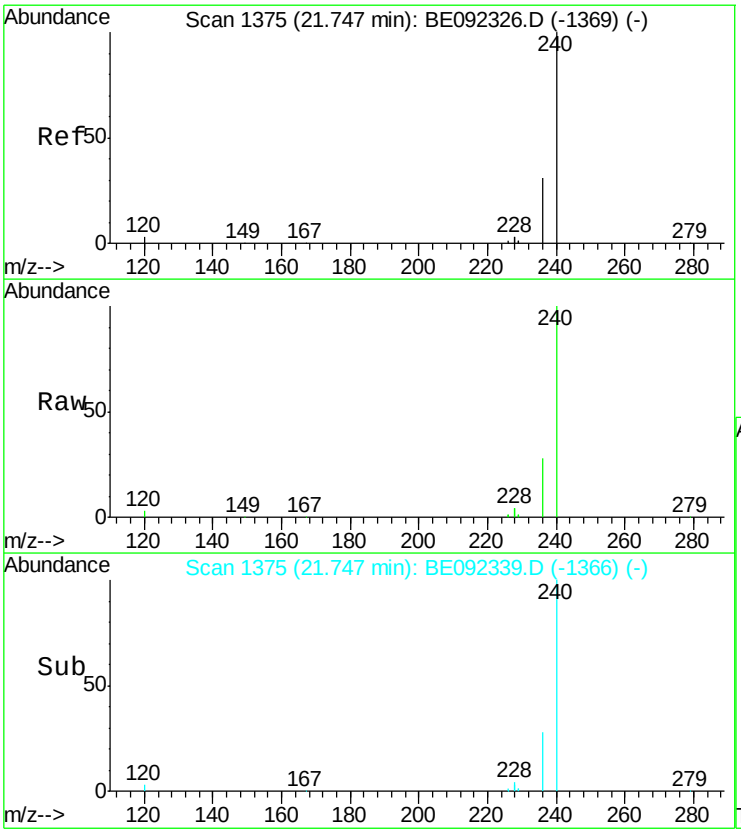
#23
Fluoranthene
Concen: 0.41 ng
RT: 19.61 min Scan# 1266
Delta R.T. -0.00 min
Lab File: BE092339.D
Acq: 1 Sep 2016 21:27

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:202 Resp: 27914

Ion	Ratio	Lower	Upper
202	100		
101	2.8	2.2	3.4
203	17.4	13.7	20.5

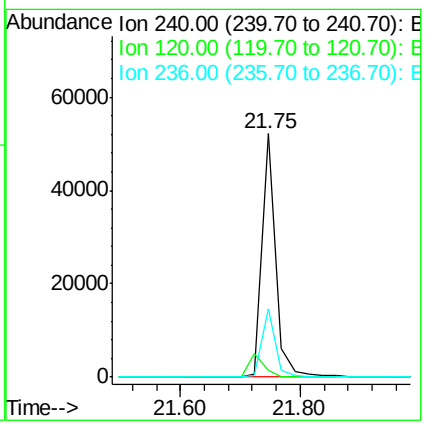


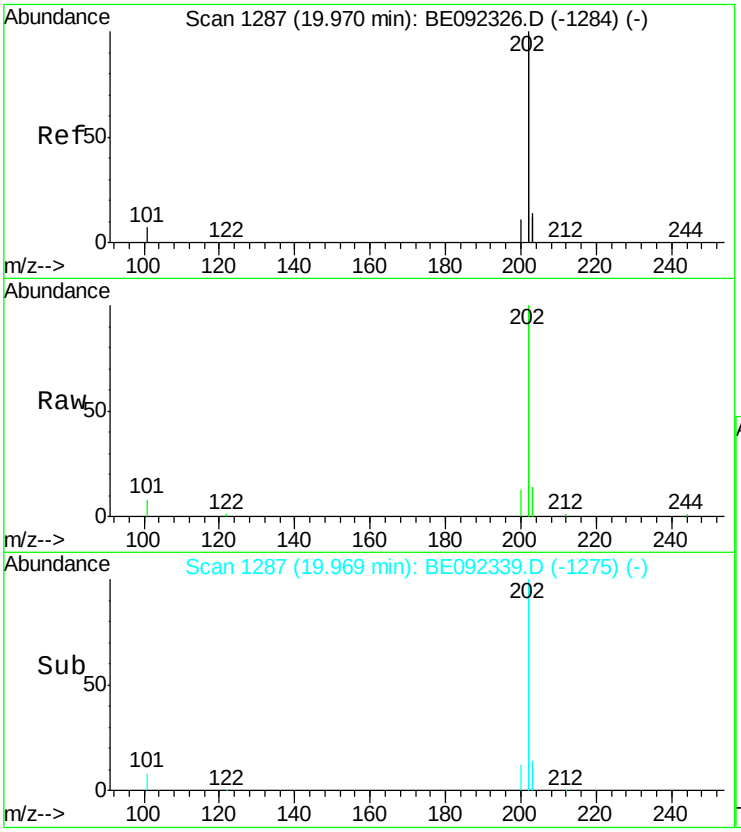


#24
Chrysene-d12
Concen: 5.00 ng
RT: 21.75 min Scan# 1375
Delta R.T. -0.00 min
Lab File: BE092339.D
Acq: 1 Sep 2016 21:27

Tgt Ion:240 Resp: 82603

Ion	Ratio	Lower	Upper
240	100		
120	2.8	2.6	4.0
236	28.2	24.6	37.0



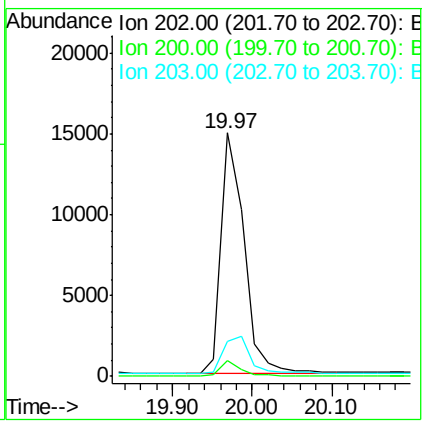


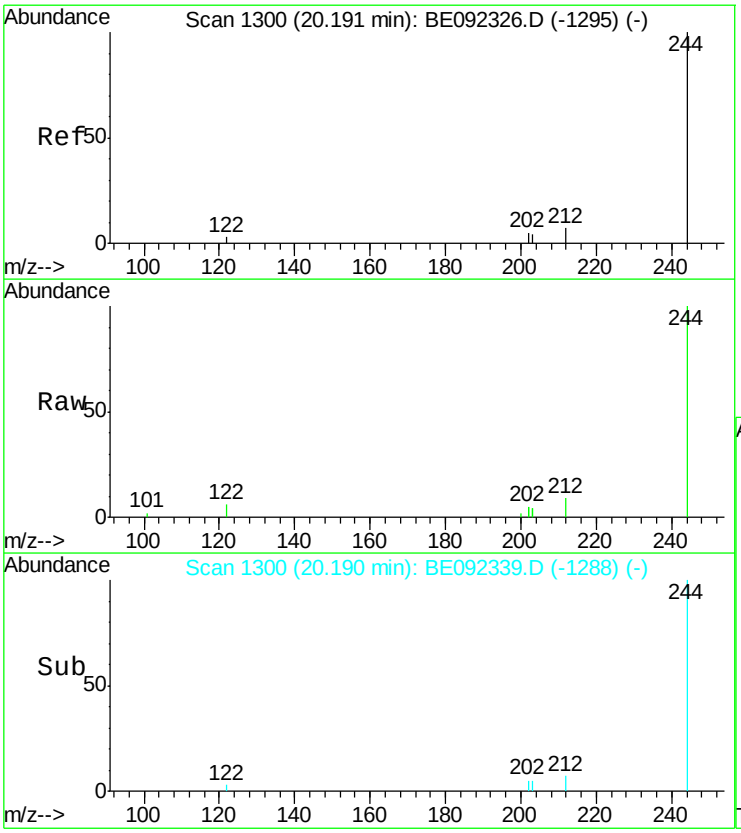
#25
Pyrene
Concen: 0.39 ng
RT: 19.97 min Scan# 1287
Delta R.T. -0.00 min
Lab File: BE092339.D
Acq: 1 Sep 2016 21:27

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:202 Resp: 29595

Ion	Ratio	Lower	Upper
202	100		
200	5.3	4.2	6.4
203	17.5	13.9	20.9

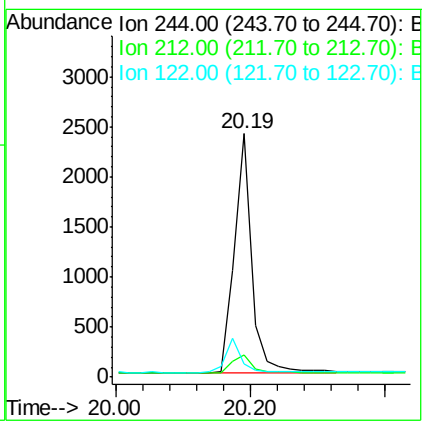


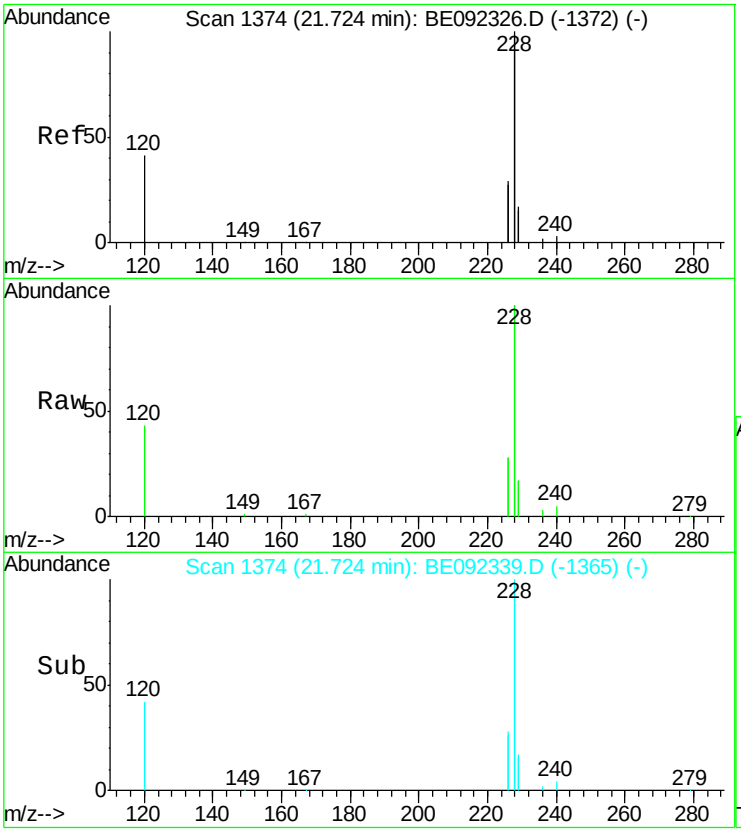


#26
Terphenyl-d14
Concen: 0.38 ng
RT: 20.19 min Scan# 1300
Delta R.T. -0.00 min
Lab File: BE092339.D
Acq: 1 Sep 2016 21:27

Tgt Ion:244 Resp: 4290

Ion	Ratio	Lower	Upper
244	100		
212	8.9	6.7	10.1
122	5.7	3.6	5.4#



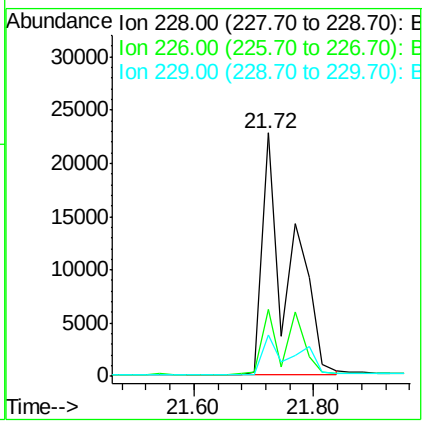


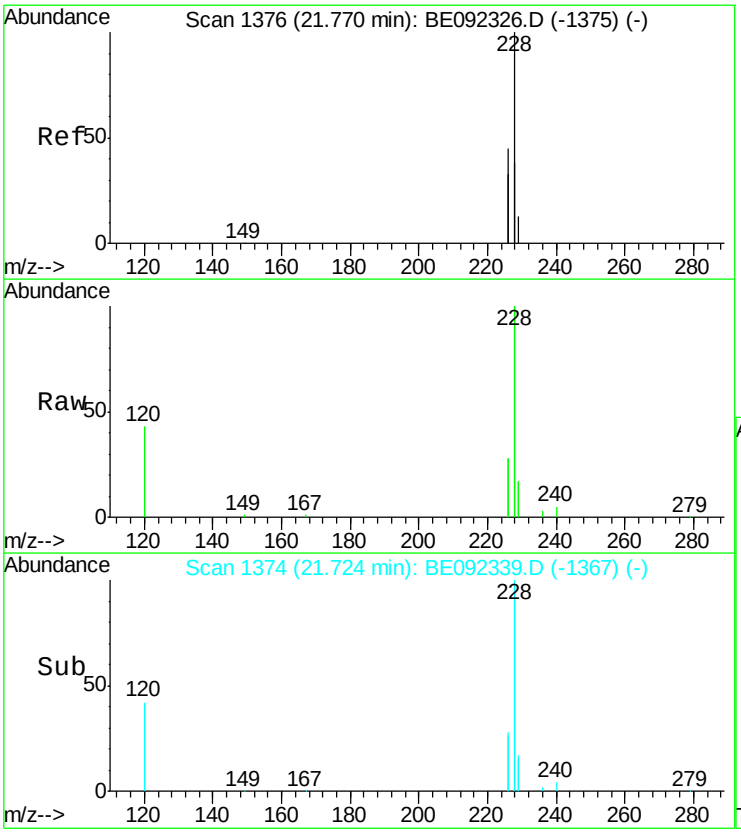
#27
Benzo(a)anthracene
Concen: 0.76 ng
RT: 21.72 min Scan# 1374
Delta R.T. -0.00 min
Lab File: BE092339.D
Acq: 1 Sep 2016 21:27

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:228 Resp: 69460

Ion	Ratio	Lower	Upper
228	100		
226	27.7	23.6	35.4
229	17.1	13.3	19.9

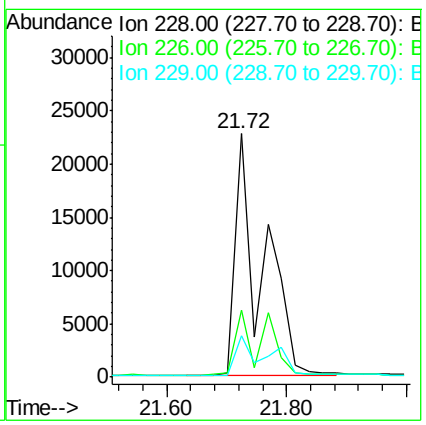


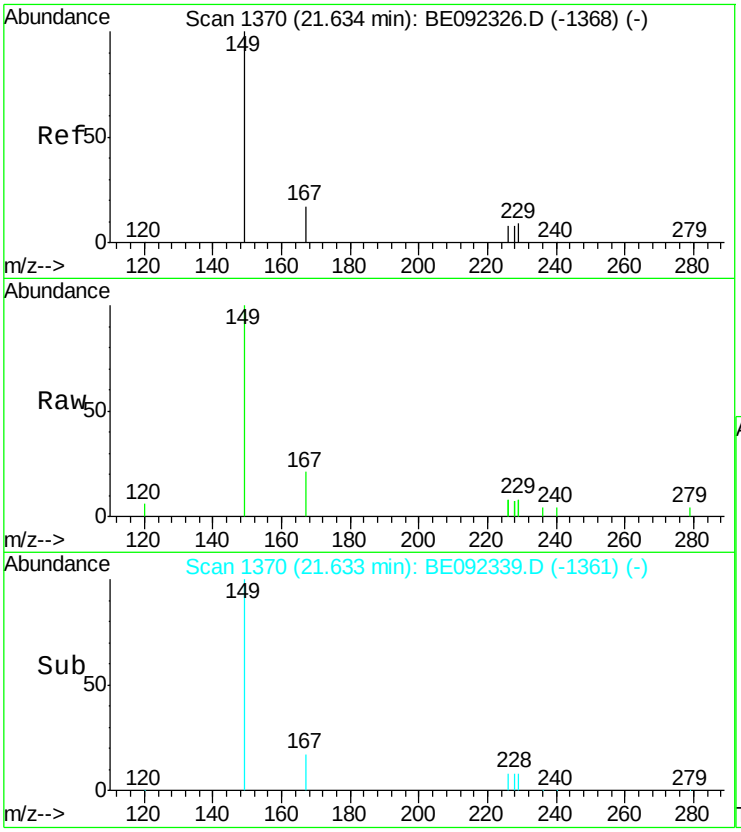


#28
Chrysene
Concen: 0.90 ng
RT: 21.72 min Scan# 1374
Delta R.T. -0.05 min
Lab File: BE092339.D
Acq: 1 Sep 2016 21:27

Tgt Ion:228 Resp: 69985

Ion	Ratio	Lower	Upper
228	100		
226	27.7	36.3	54.5#
229	17.1	10.6	16.0#



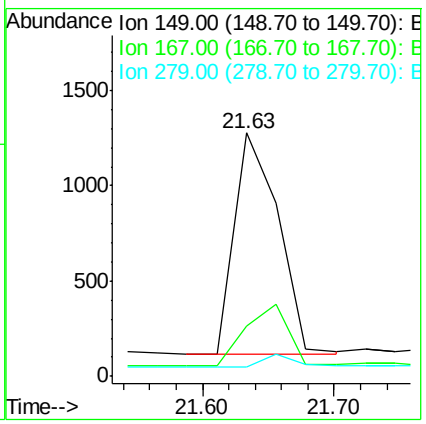


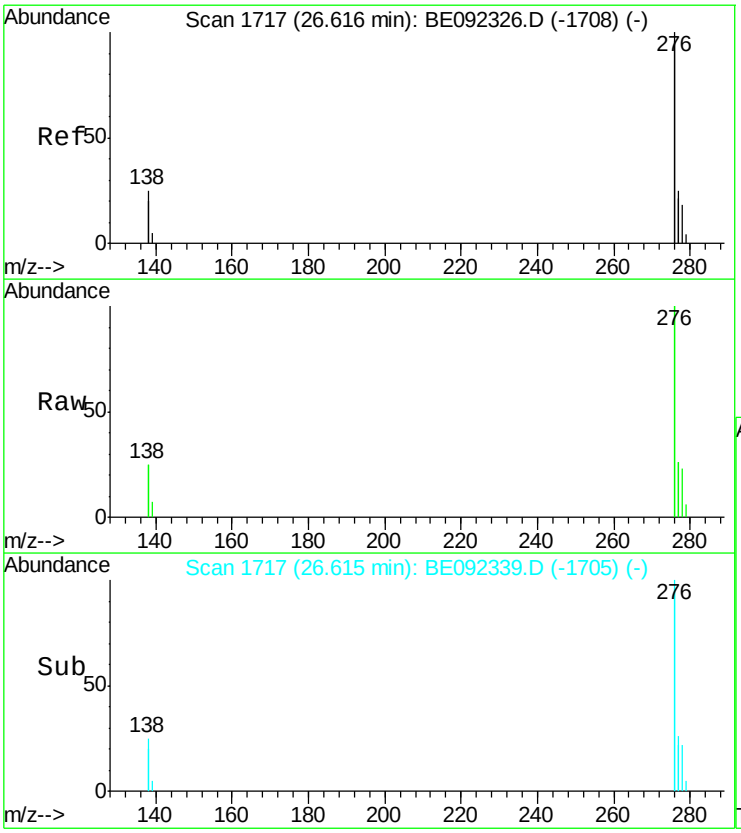
#29
Bis(2-ethylhexyl)phthalate
Concen: 0.30 ng
RT: 21.63 min Scan# 1370
Delta R.T. -0.00 min
Lab File: BE092339.D
Acq: 1 Sep 2016 21:27

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:149 Resp: 2709

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

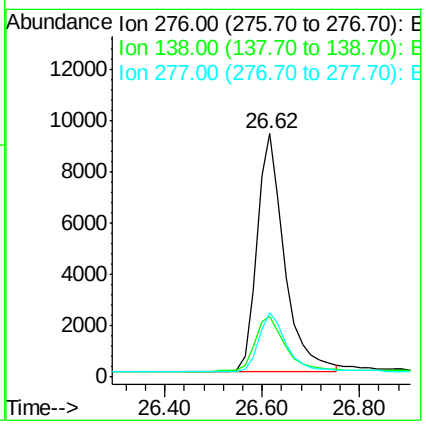


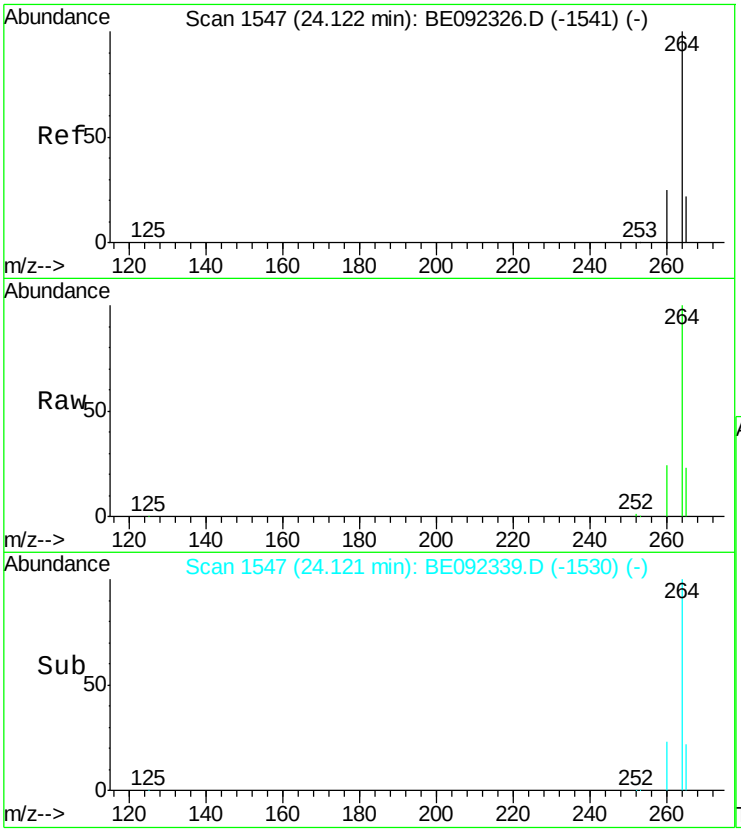


#30
Indeno(1,2,3-cd)pyrene
Concen: 0.41 ng
RT: 26.62 min Scan# 1717
Delta R.T. -0.00 min
Lab File: BE092339.D
Acq: 1 Sep 2016 21:27

Tgt Ion:276 Resp: 36914

Ion	Ratio	Lower	Upper
276	100		
138	25.5	20.3	30.5
277	24.8	19.7	29.5



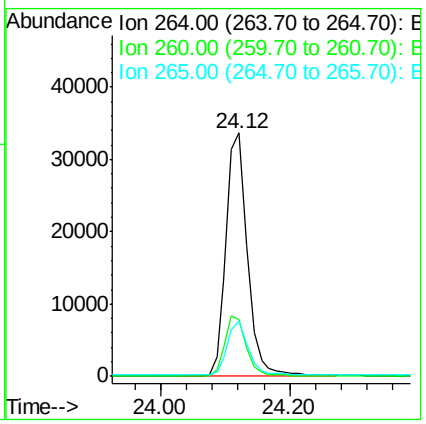


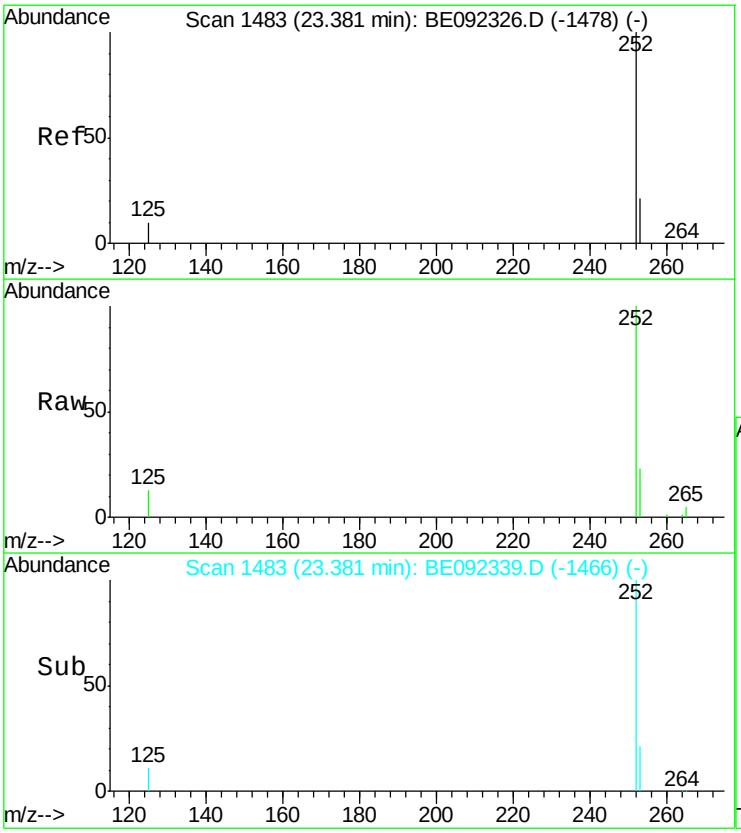
#31
Perylene-d12
Concen: 5.00 ng
RT: 24.12 min Scan# 1547
Delta R.T. -0.00 min
Lab File: BE092339.D
Acq: 1 Sep 2016 21:27

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:264 Resp: 76903

Ion	Ratio	Lower	Upper
264	100		
260	23.6	20.1	30.1
265	22.8	17.9	26.9

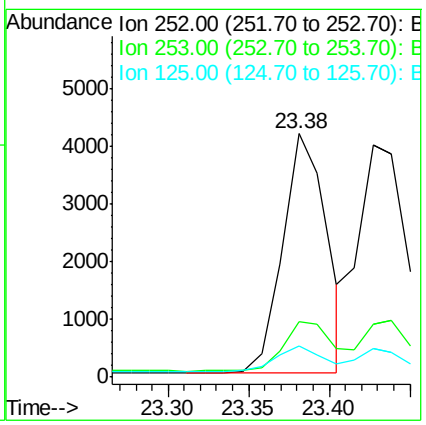


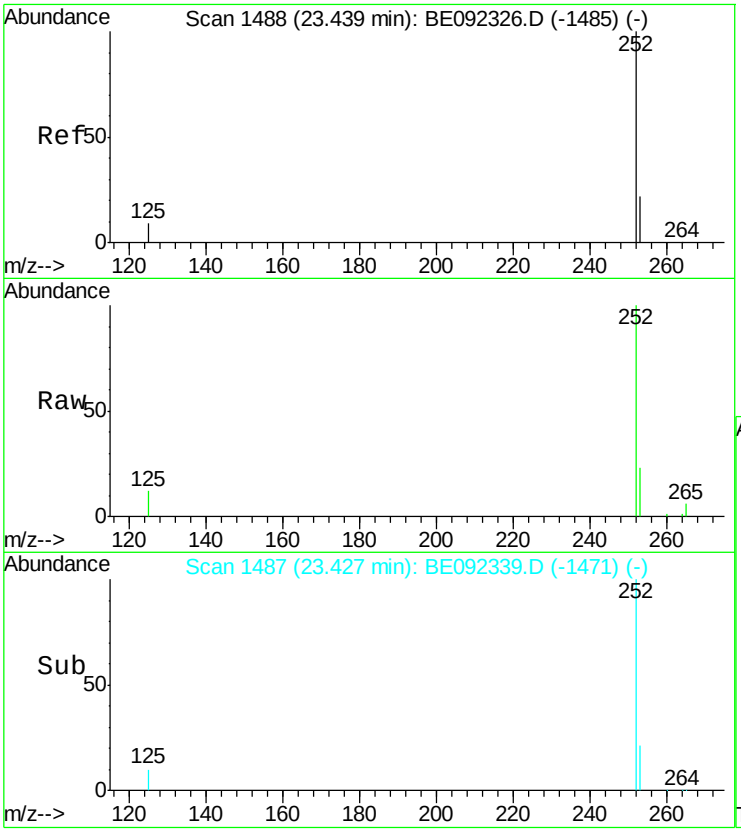


#32
Benzo(b)fluoranthene
Concen: 0.38 ng
RT: 23.38 min Scan# 1483
Delta R.T. -0.00 min
Lab File: BE092339.D
Acq: 1 Sep 2016 21:27

Tgt Ion:252 Resp: 7895

Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.7	28.1
125	12.6	10.5	15.7



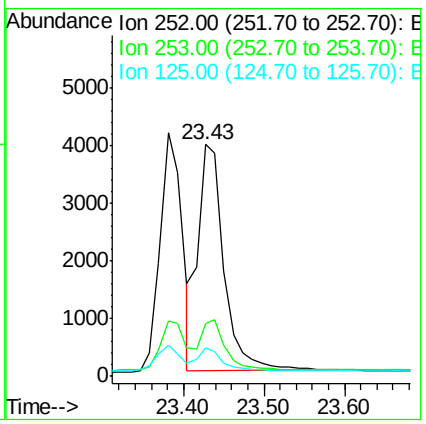


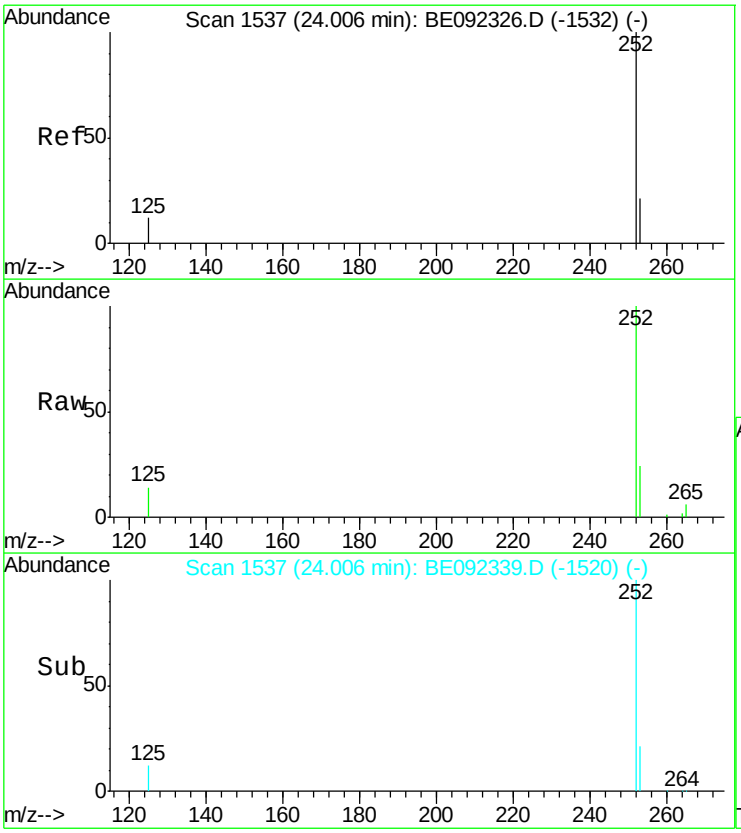
#33
Benzo(k)fluoranthene
Concen: 0.44 ng
RT: 23.43 min Scan# 1487
Delta R.T. -0.01 min
Lab File: BE092339.D
Acq: 1 Sep 2016 21:27

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:252 Resp: 8836

Ion	Ratio	Lower	Upper
252	100		
253	22.9	20.3	30.5
125	12.3	9.6	14.4

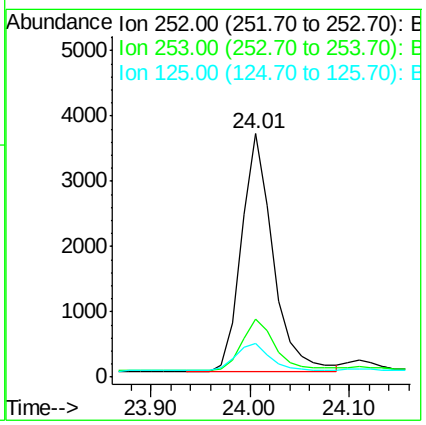


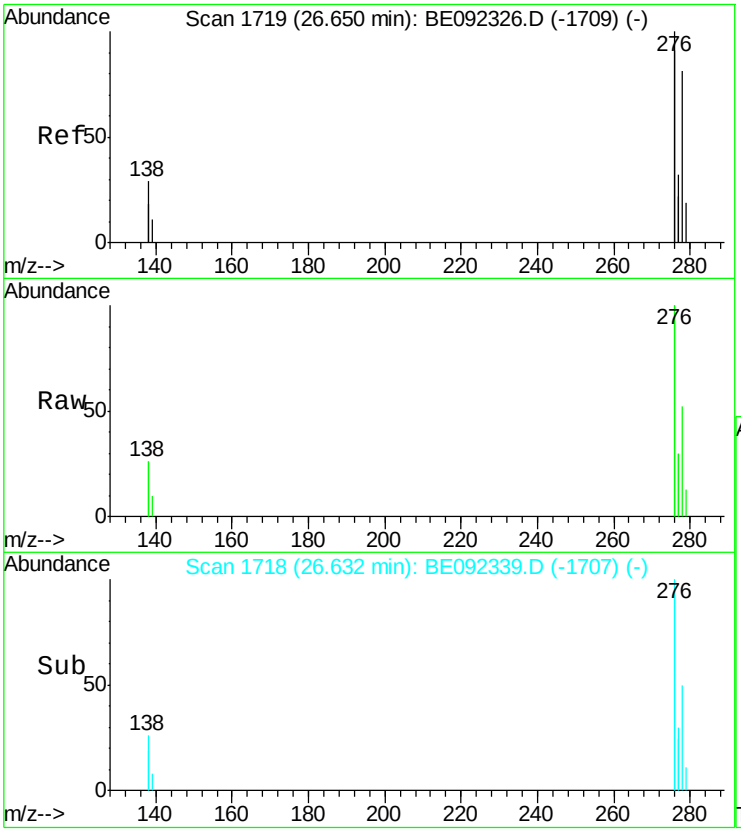


#34
Benzo(a)pyrene
Concen: 0.41 ng
RT: 24.01 min Scan# 1537
Delta R.T. -0.00 min
Lab File: BE092339.D
Acq: 1 Sep 2016 21:27

Tgt Ion:252 Resp: 8050

Ion	Ratio	Lower	Upper
252	100		
253	23.9	19.0	28.6
125	13.9	11.8	17.8



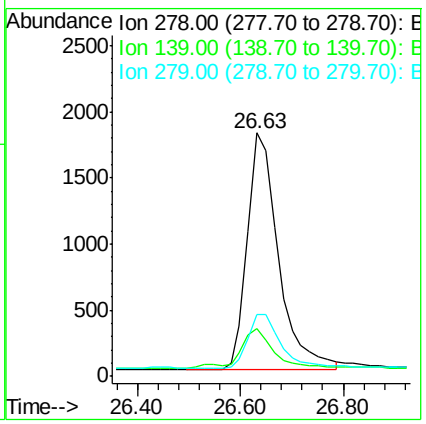


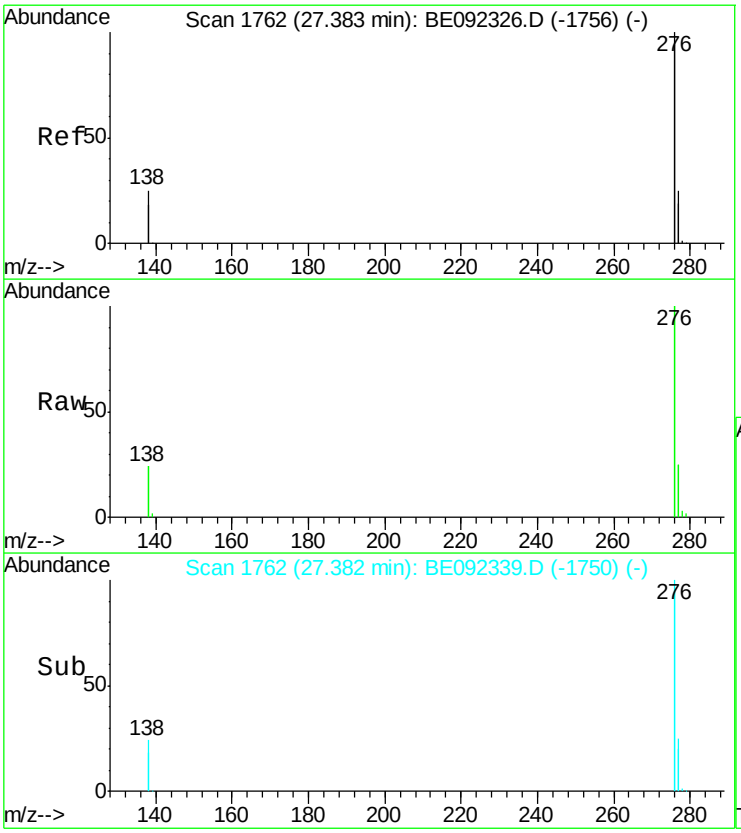
#35
Dibenzo(a,h)anthracene
Concen: 0.40 ng
RT: 26.63 min Scan# 1718
Delta R.T. -0.02 min
Lab File: BE092339.D
Acq: 1 Sep 2016 21:27

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:278 Resp: 7500

Ion	Ratio	Lower	Upper
278	100		
139	19.4	13.8	20.8
279	25.5	21.4	32.2





#36
Benzo(g,h,i)perylene
Concen: 0.41 ng
RT: 27.38 min Scan# 1762
Delta R.T. -0.00 min
Lab File: BE092339.D
Acq: 1 Sep 2016 21:27

Tgt Ion:276 Resp: 31686

Ion	Ratio	Lower	Upper
276	100		
277	25.3	19.8	29.8
138	23.9	19.8	29.6