Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE100716\
Data File : BE092443.D
Acq On : 7 Oct 2016 11:53
Operator : UM/SJ
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDCCC0.4

Quant Time: Oct 07 22:56:15 2016
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE092216.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 22 18:25:56 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	8814	5.00	ng		-0.02
7) Naphthalene-d8	10.95	136	42942	5.00	ng		0.00
12) Acenaphthene-d10	14.82	164	32546	5.00	ng		0.00
18) Phenanthrene-d10	17.58	188	64524	5.00	ng		0.02
24) Chrysene-d12	21.75	240	82294	5.00	ng		0.00
31) Perylene-d12	24.11	264	69190	5.00	ng		0.02
System Monitoring Compounds							
4) 2-Fluorophenol	5.69	112	582	0.39	ng		0.00
5) Phenol-d6	7.36	99	705	0.32	ng		0.00
8) Nitrobenzene-d5	9.36	82	838	0.41	ng		0.00
13) 2,4,6-Tribromophenol	16.32	330	263	0.38	ng		0.00
14) 2-Fluorobiphenyl	13.44	172	3158	0.41	ng		0.00
26) Terphenyl-d14	20.19	244	4114	0.40	ng		0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.41	88	466	0.39	ng		99
3) n-Nitrosodimethylamine	3.80	42	355	0.44	ng	#	98
6) bis(2-Chloroethyl)ether	7.61	93	604	0.35	ng	#	25
9) Naphthalene	10.99	128	3697	0.40	ng		96
10) Hexachlorobutadiene	11.28	225	579	0.40	ng		99
11) 2-Methylnaphthalene	12.65	142	2399	0.39	ng		93
15) Acenaphthylene	14.53	152	17961	0.38	ng		100
16) Acenaphthene	14.88	154	2956	0.40	ng		97
17) Fluorene	15.87	166	3598	0.38	ng		100
19) Hexachlorobenzene	16.89	284	1183	0.43	ng	#	65
20) Pentachlorophenol	17.26	266	278	0.45	ng		97
21) Phenanthrene	17.60	178	6411	0.43	ng		96
22) Anthracene	17.72	178	5434	0.38	ng		99
23) Fluoranthene	19.61	202	26438	0.38	ng		99
25) Pyrene	19.97	202	28037	0.39	ng		100
27) Benzo(a)anthracene	21.72	228	60916	0.76	ng		93
28) Chrysene	21.72	228	61498	0.84	ng	#	73
29) Bis(2-ethylhexyl)phthalate	21.63	149	2141	0.31	ng	#	75
30) Indeno(1,2,3-cd)pyrene	26.62	276	26455	0.34	ng		98
32) Benzo(b)fluoranthene	23.38	252	6248	0.37	ng		99
33) Benzo(k)fluoranthene	23.43	252	6811	0.39	ng		97
34) Benzo(a)pyrene	24.01	252	5963	0.36	ng		97
35) Dibenzo(a,h)anthracene	26.65	278	5292	0.35	ng		97
36) Benzo(g,h,i)perylene	27.38	276	24004	0.37	ng		98

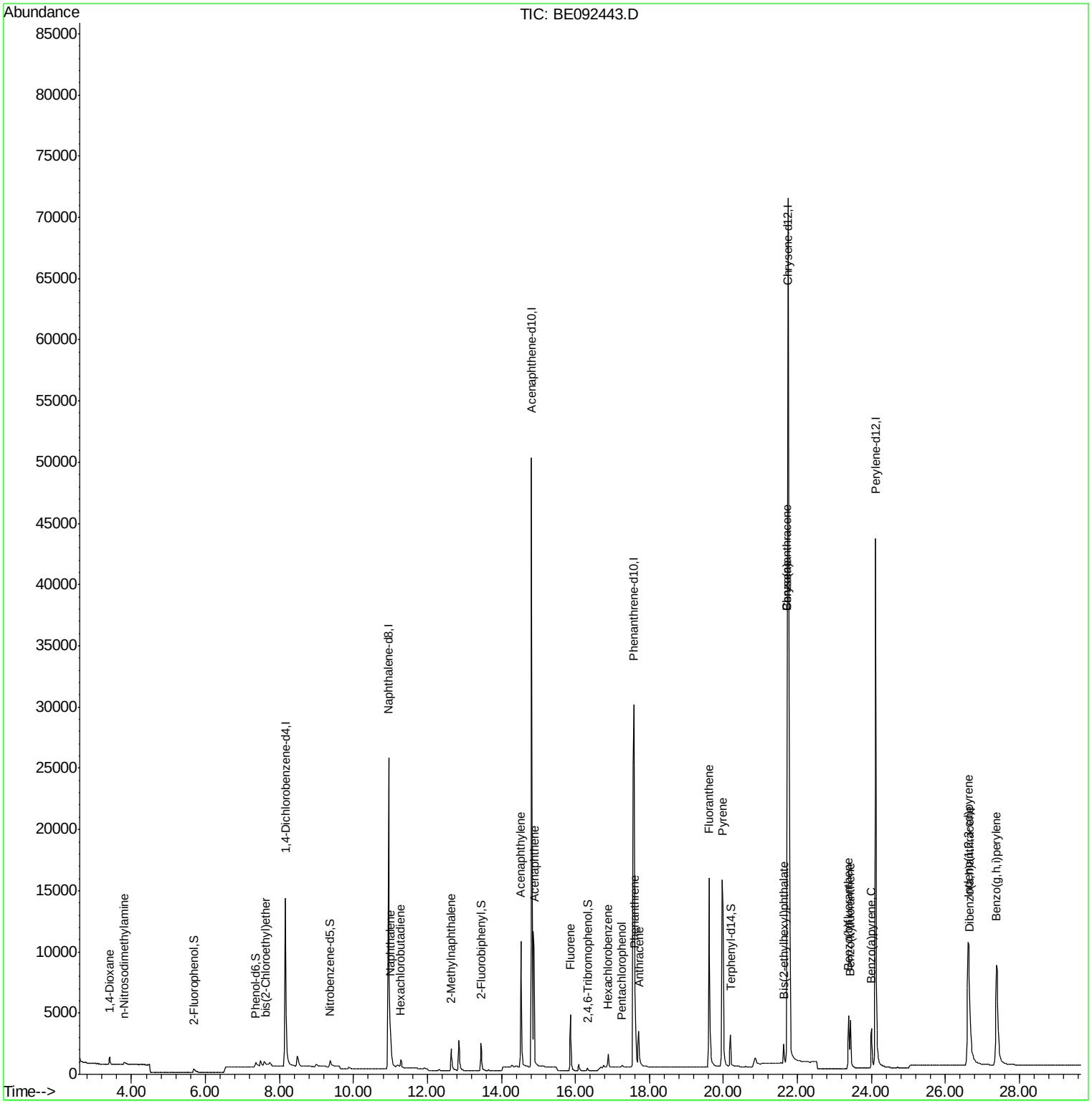
(#) = qualifier out of range (m) = manual integration (+) = signals summed

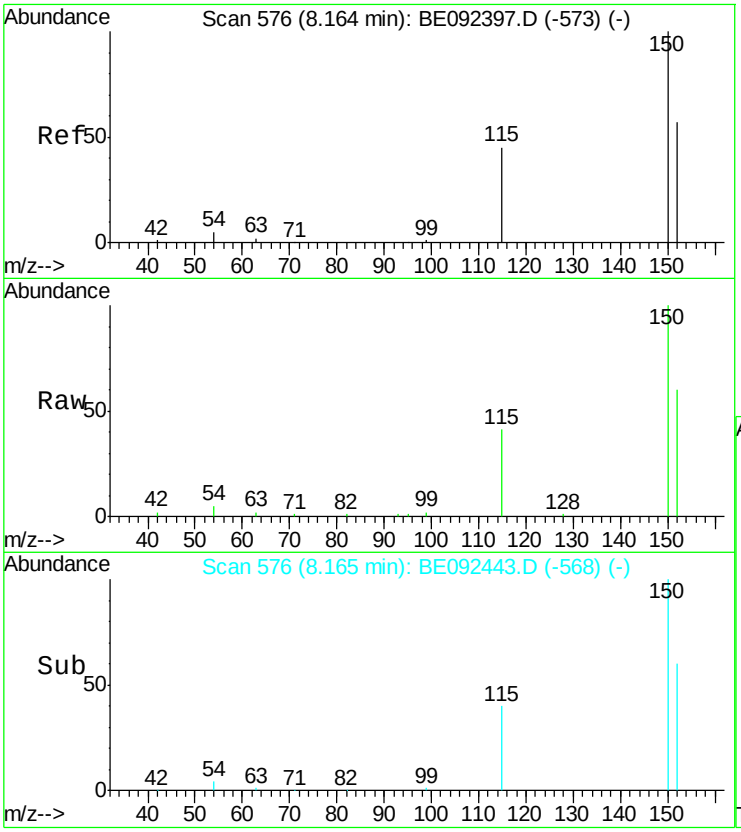
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE100716\
Data File : BE092443.D
Acq On : 7 Oct 2016 11:53
Operator : UM/SJ
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Quant Time: Oct 07 22:56:15 2016
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE092216.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 22 18:25:56 2016
Response via : Initial Calibration



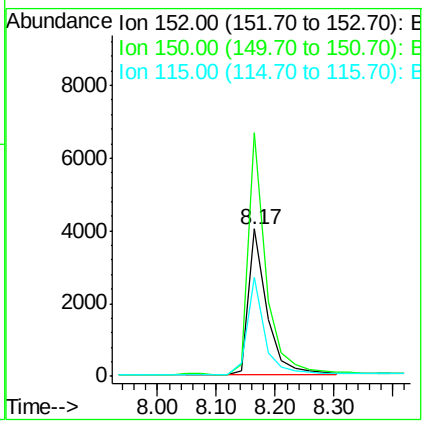


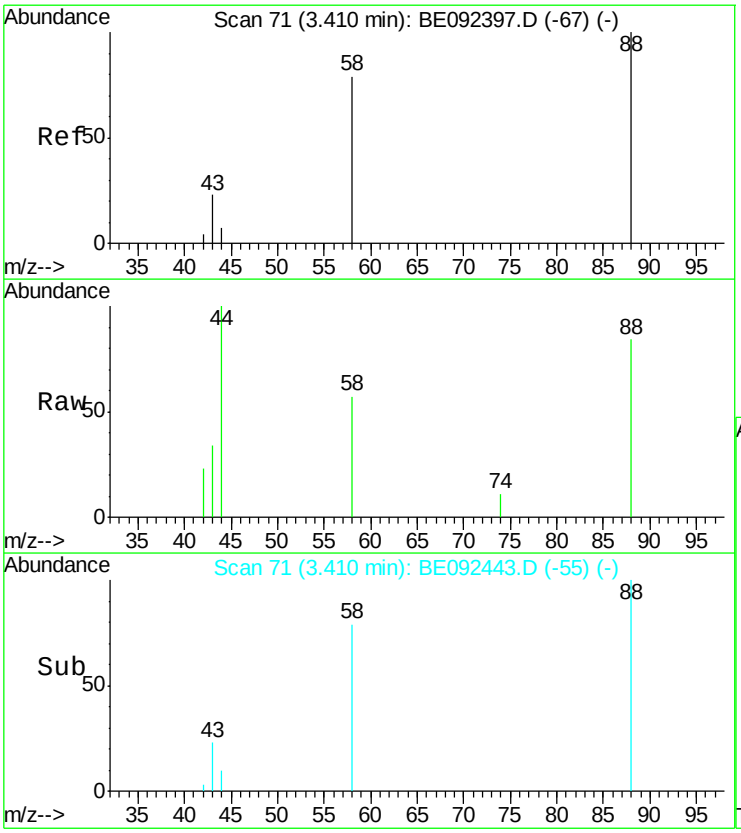
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 8.17 min Scan# 576
Delta R.T. -0.02 min
Lab File: BE092443.D
Acq: 7 Oct 2016 11:53

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:152 Resp: 8814

Ion	Ratio	Lower	Upper
152	100		
150	165.3	106.0	159.0#
115	67.4	31.2	46.8#

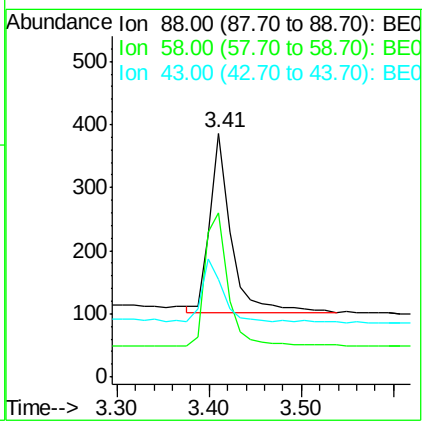


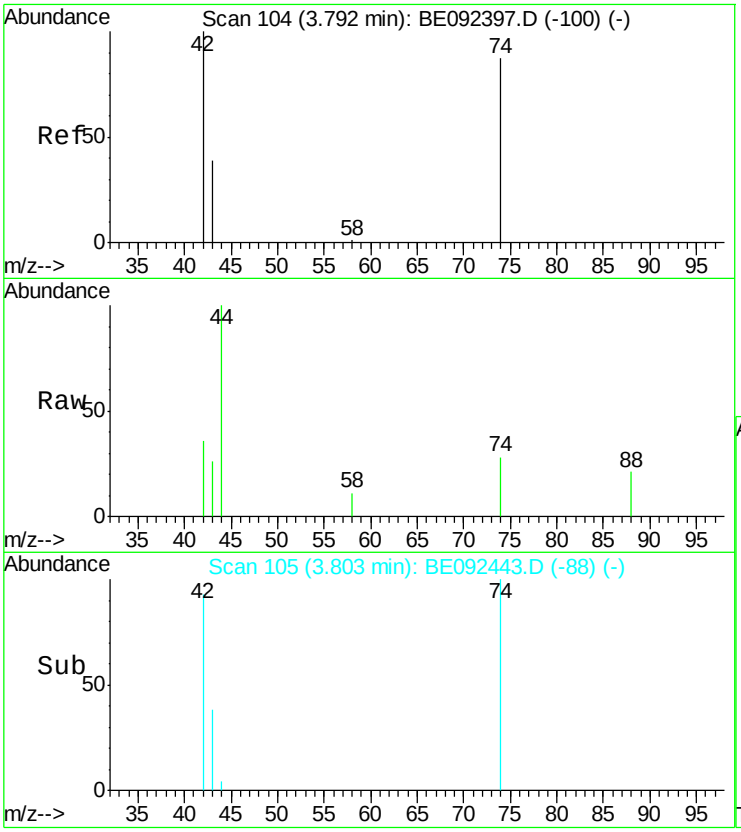


#2
1,4-Dioxane
Concen: 0.39 ng
RT: 3.41 min Scan# 71
Delta R.T. -0.01 min
Lab File: BE092443.D
Acq: 7 Oct 2016 11:53

Tgt Ion: 88 Resp: 466

Ion	Ratio	Lower	Upper
88	100		
58	79.4	63.6	95.4
43	33.5	28.0	42.0



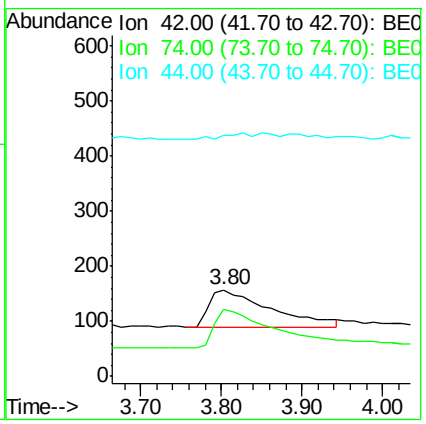


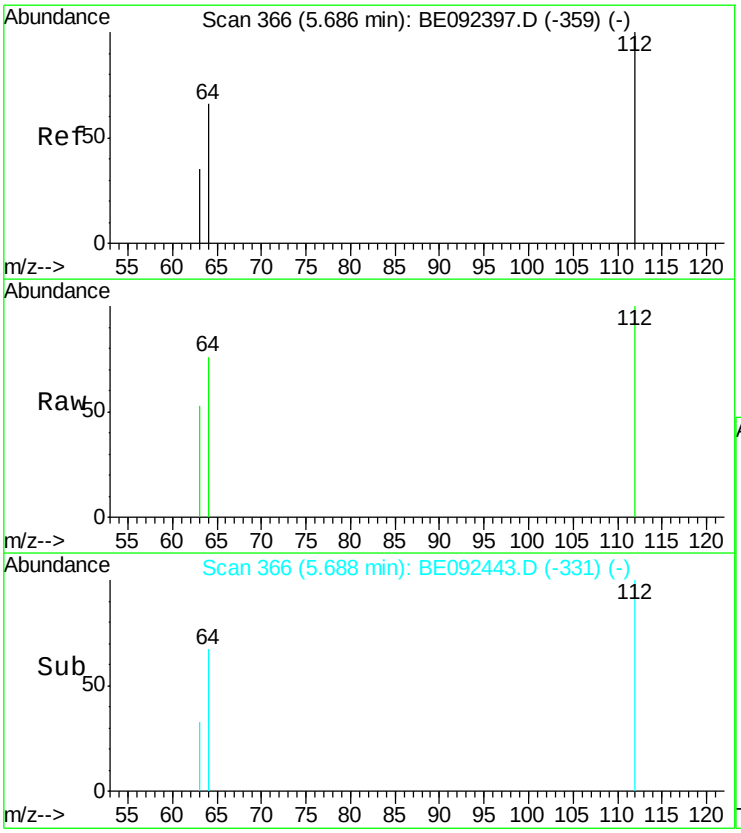
#3
n-Nitrosodimethylamine
Concen: 0.44 ng
RT: 3.80 min Scan# 105
Delta R.T. 0.00 min
Lab File: BE092443.D
Acq: 7 Oct 2016 11:53

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 42 Resp: 355

Ion	Ratio	Lower	Upper
42	100		
74	105.9	86.0	129.0
44	0.0	5.1	7.7#

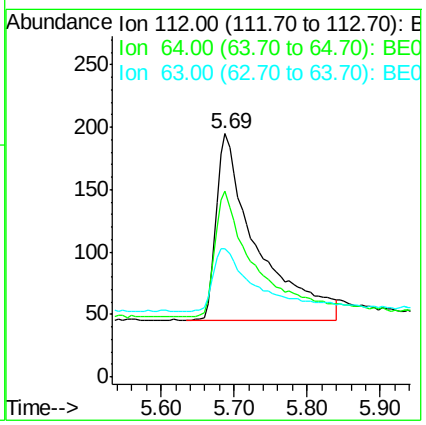


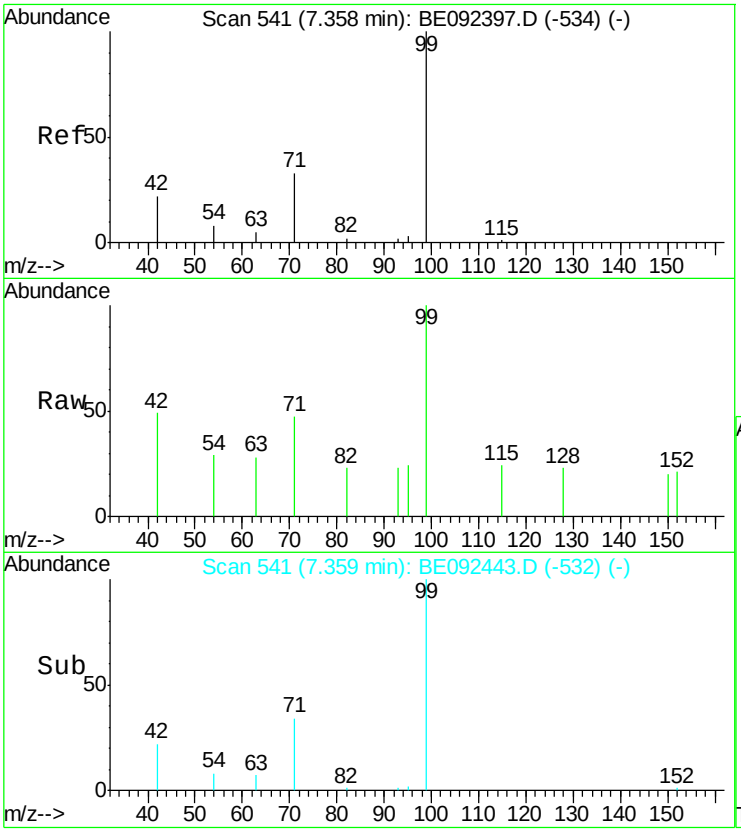


#4
2-Fluorophenol
Concen: 0.39 ng
RT: 5.69 min Scan# 366
Delta R.T. 0.00 min
Lab File: BE092443.D
Acq: 7 Oct 2016 11:53

Tgt Ion:112 Resp: 582

Ion	Ratio	Lower	Upper
112	100		
64	67.2	53.5	80.3
63	34.0	27.9	41.9



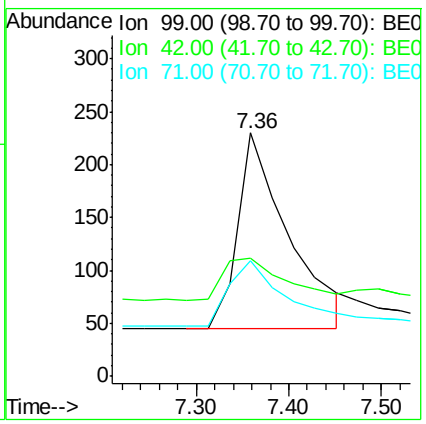


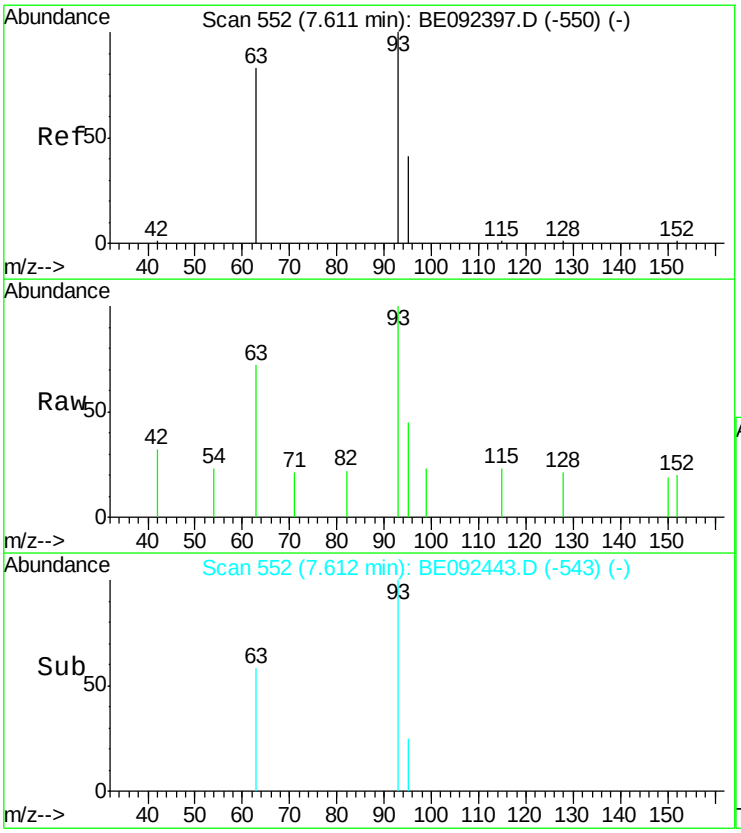
#5
Phenol-d6
Concen: 0.32 ng
RT: 7.36 min Scan# 541
Delta R.T. 0.00 min
Lab File: BE092443.D
Acq: 7 Oct 2016 11:53

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 99 Resp: 705

Ion	Ratio	Lower	Upper
99	100		
42	26.2	16.0	24.0#
71	38.4	30.6	45.8

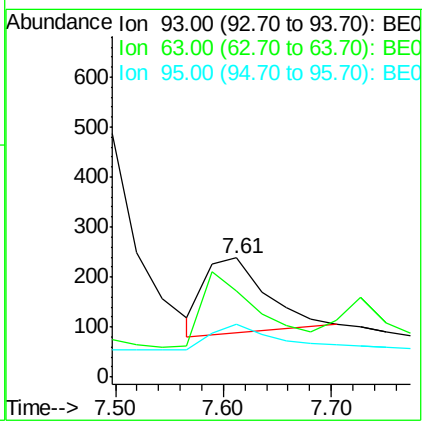


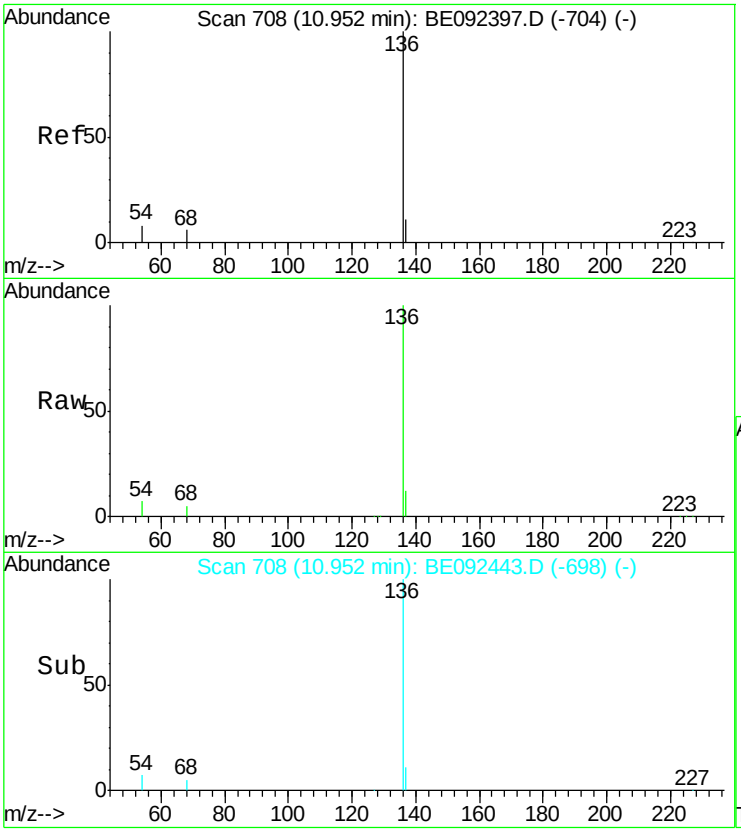


#6
bis(2-Chloroethyl)ether
Concen: 0.35 ng
RT: 7.61 min Scan# 552
Delta R.T. 0.00 min
Lab File: BE092443.D
Acq: 7 Oct 2016 11:53

Tgt Ion: 93 Resp: 604

Ion	Ratio	Lower	Upper
93	100		
63	0.0	71.6	107.4#
95	37.6	24.0	36.0#



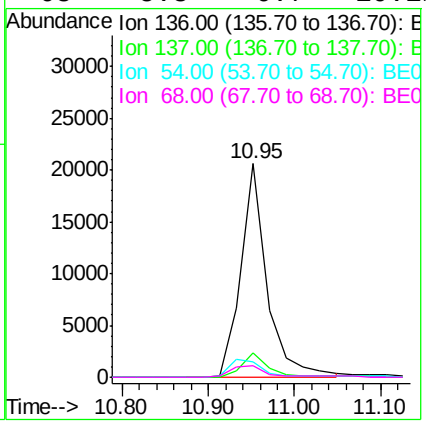


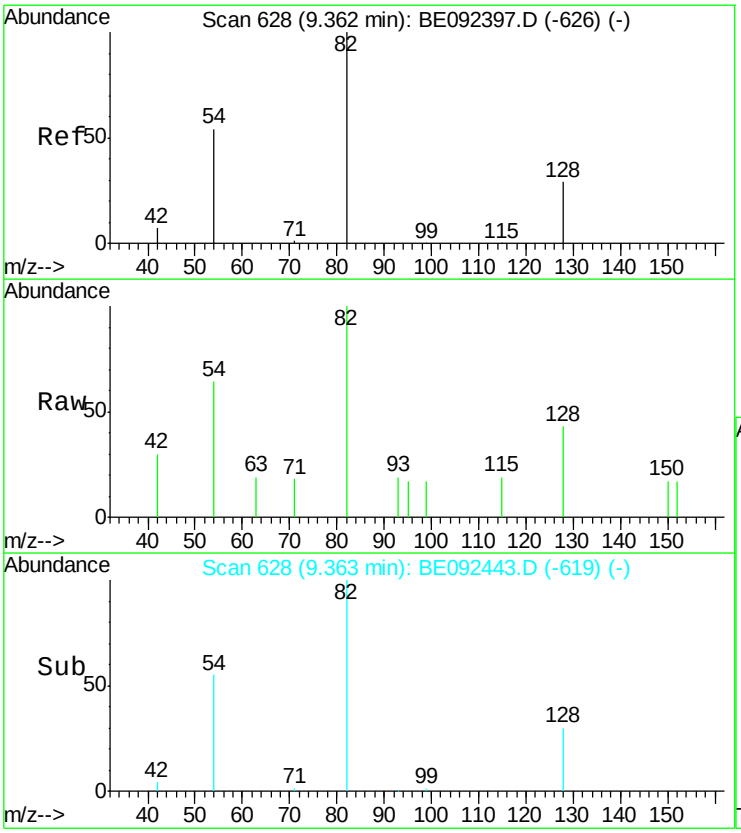
#7
Naphthalene-d8
Concen: 5.00 ng
RT: 10.95 min Scan# 708
Delta R.T. -0.00 min
Lab File: BE092443.D
Acq: 7 Oct 2016 11:53

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:136 Resp: 42942

Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.2	12.4
54	7.1	9.6	14.4#
68	5.3	6.7	10.1#

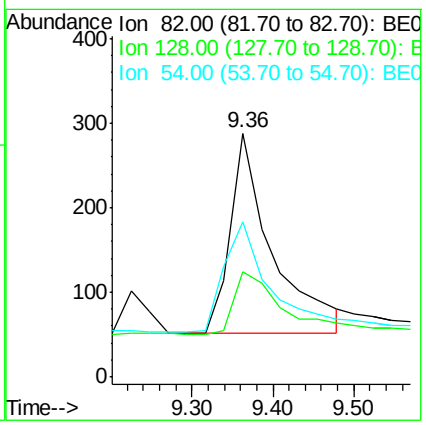


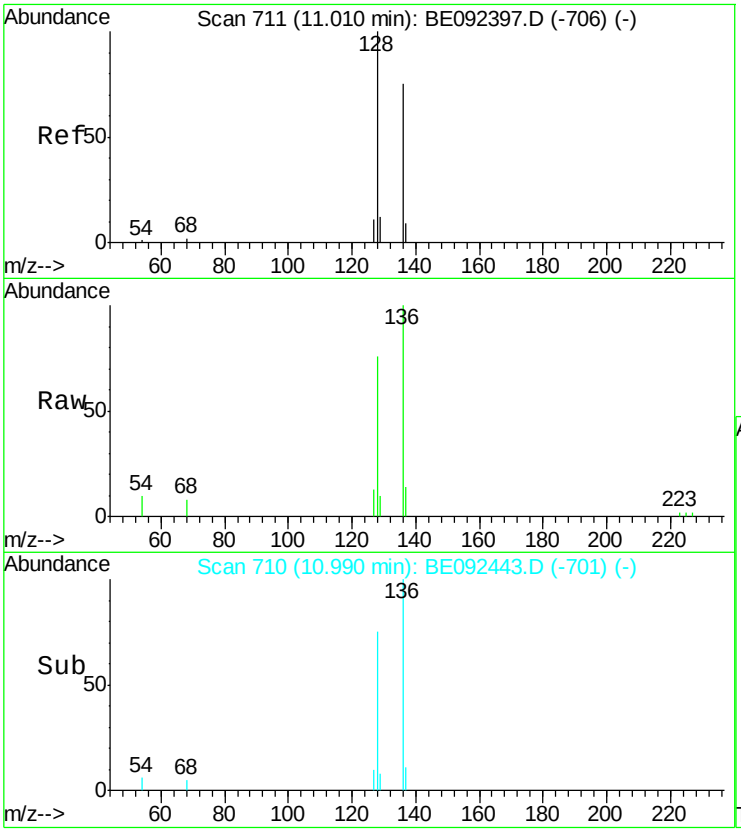


#8
Nitrobenzene-d5
Concen: 0.41 ng
RT: 9.36 min Scan# 628
Delta R.T. 0.00 min
Lab File: BE092443.D
Acq: 7 Oct 2016 11:53

Tgt Ion: 82 Resp: 838

Ion	Ratio	Lower	Upper
82	100		
128	43.1	39.0	58.4
54	63.5	44.8	67.2



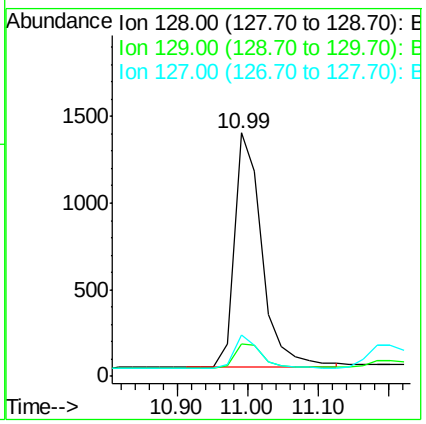


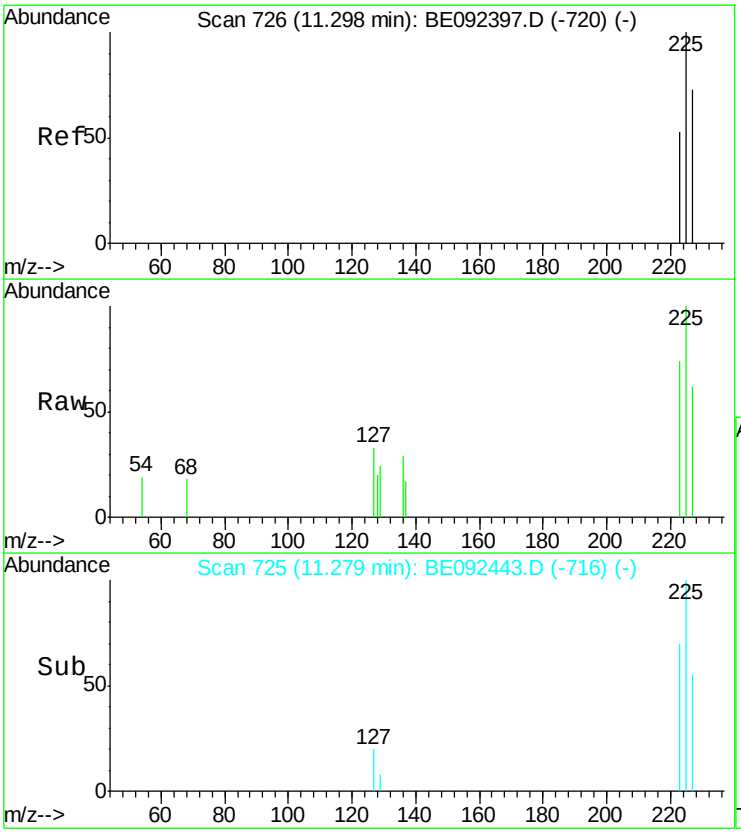
#9
Naphthalene
Concen: 0.40 ng
RT: 10.99 min Scan# 710
Delta R.T. -0.02 min
Lab File: BE092443.D
Acq: 7 Oct 2016 11:53

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:128 Resp: 3697

Ion	Ratio	Lower	Upper
128	100		
129	13.3	11.2	16.8
127	16.8	11.6	17.4

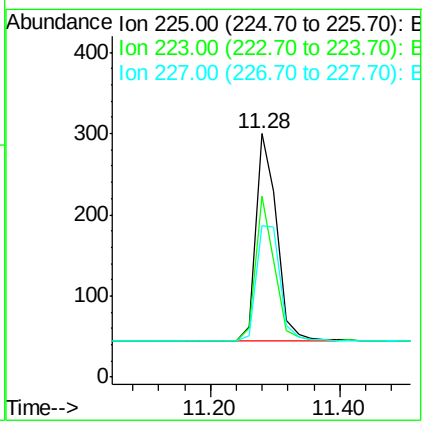


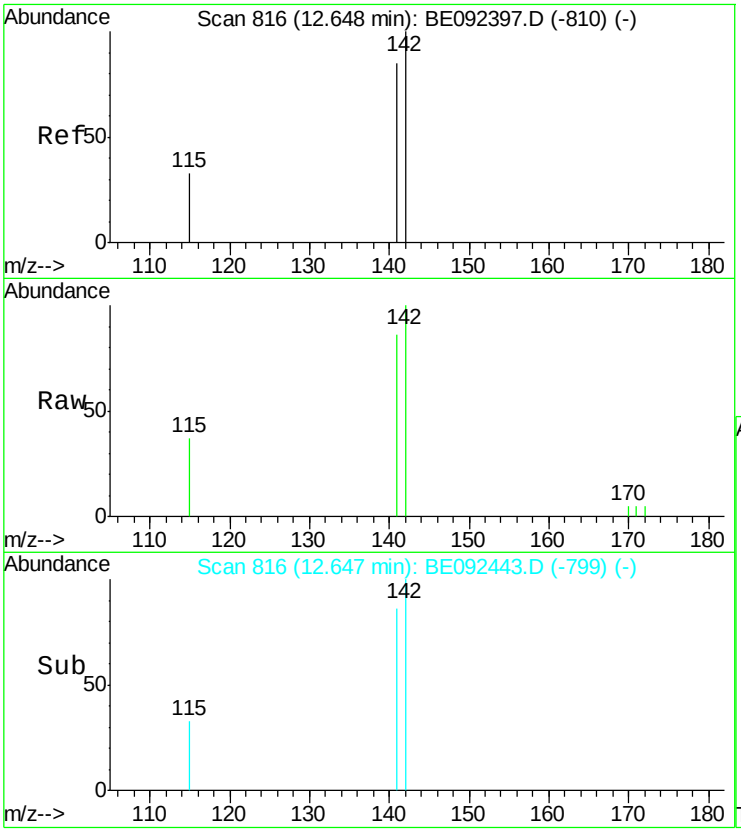


#10
Hexachlorobutadiene
Concen: 0.40 ng
RT: 11.28 min Scan# 725
Delta R.T. -0.02 min
Lab File: BE092443.D
Acq: 7 Oct 2016 11:53

Tgt Ion:225 Resp: 579

Ion	Ratio	Lower	Upper
225	100		
223	64.1	50.6	76.0
227	64.1	51.4	77.0



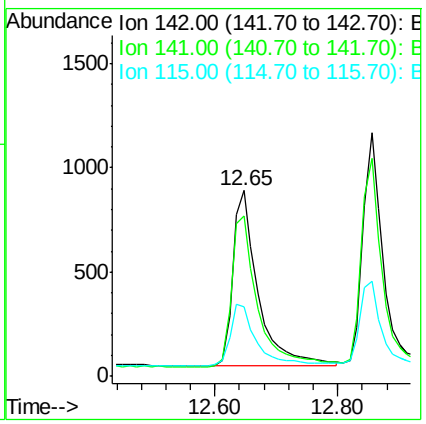


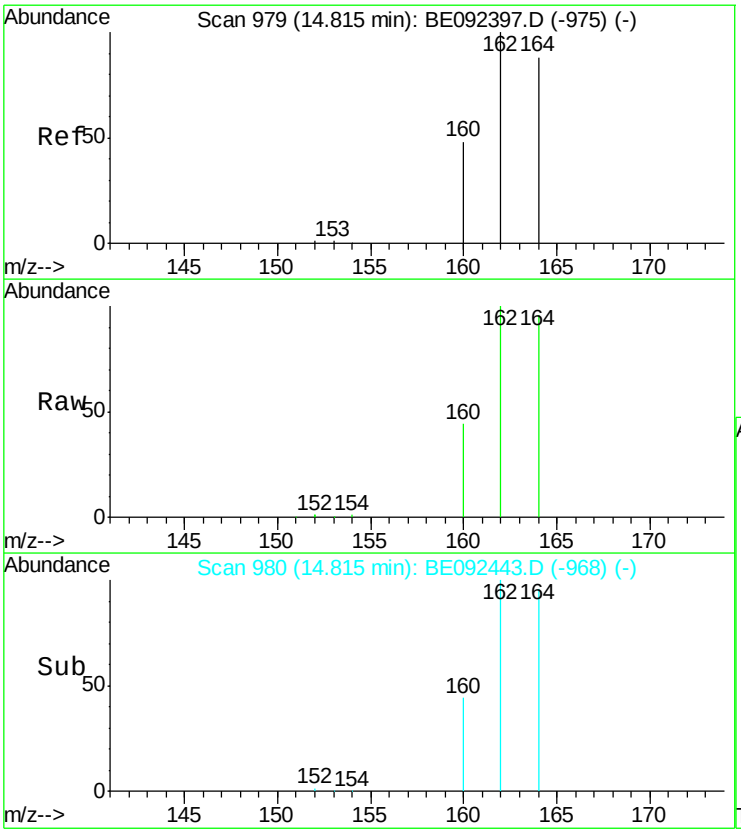
#11
2-Methylnaphthalene
Concen: 0.39 ng
RT: 12.65 min Scan# 816
Delta R.T. -0.00 min
Lab File: BE092443.D
Acq: 7 Oct 2016 11:53

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:142 Resp: 2399

Ion	Ratio	Lower	Upper
142	100		
141	86.3	73.7	110.5
115	37.2	34.0	51.0

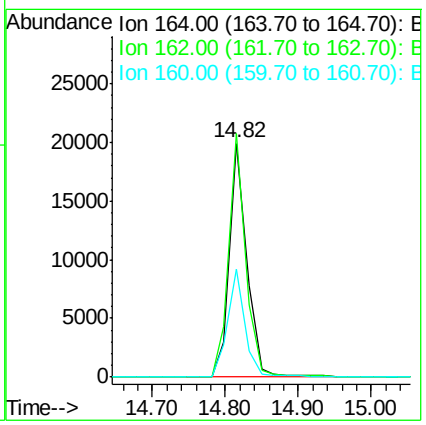


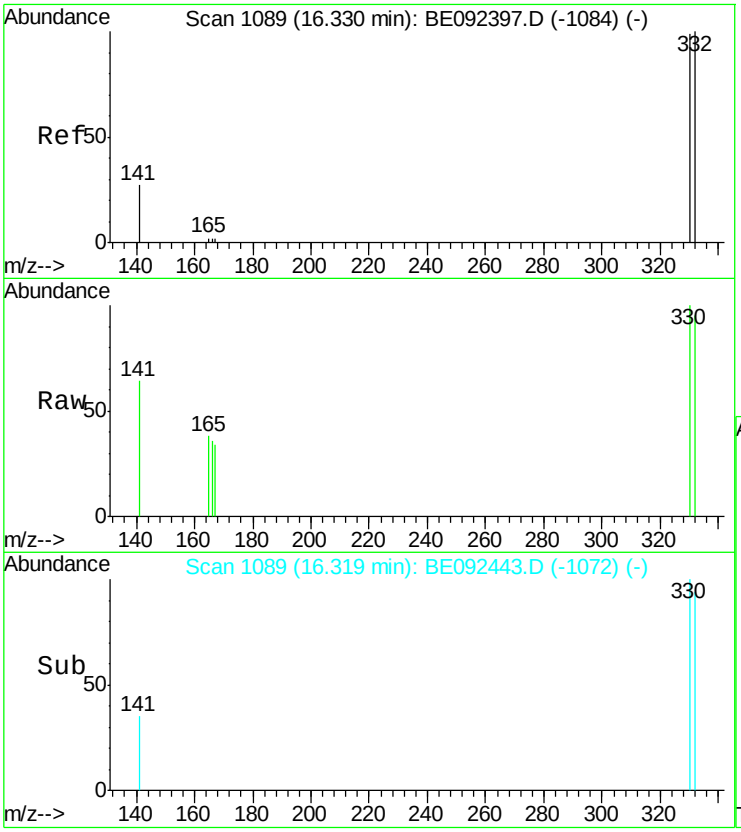


#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.82 min Scan# 980
Delta R.T. 0.00 min
Lab File: BE092443.D
Acq: 7 Oct 2016 11:53

Tgt Ion:164 Resp: 32546

Ion	Ratio	Lower	Upper
164	100		
162	104.3	71.4	107.0
160	46.1	27.4	41.2#



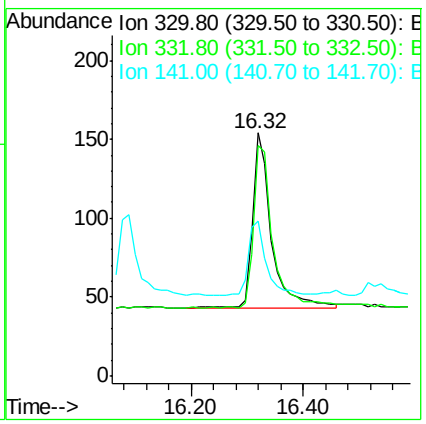


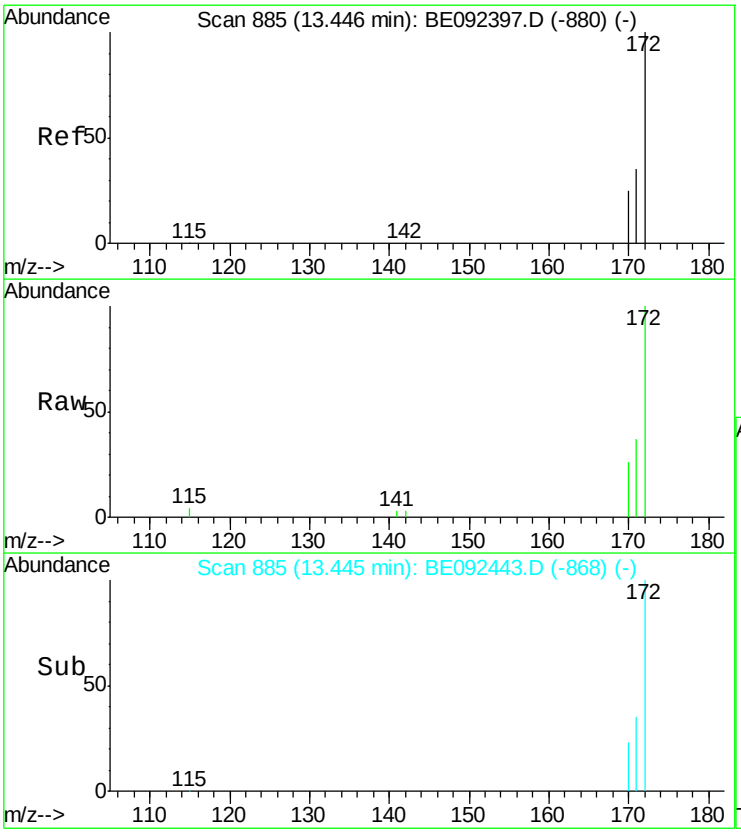
#13
2,4,6-Tribromophenol
Concen: 0.38 ng
RT: 16.32 min Scan# 1089
Delta R.T. 0.00 min
Lab File: BE092443.D
Acq: 7 Oct 2016 11:53

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:330 Resp: 263

Ion	Ratio	Lower	Upper
330	100		
332	95.8	75.4	113.0
141	40.3	31.0	46.6

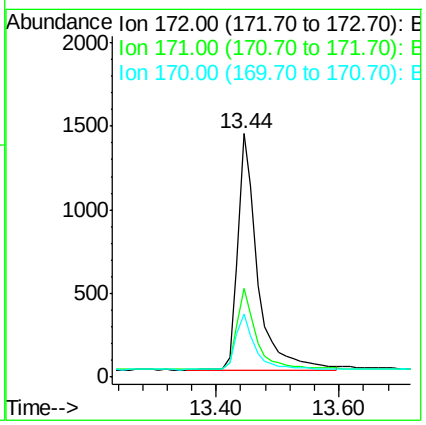


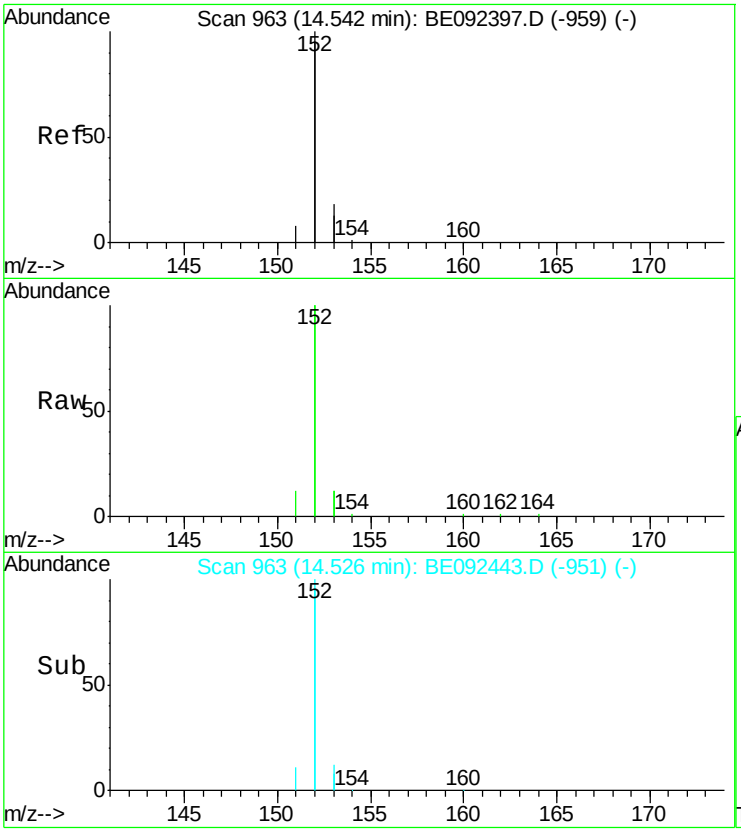


#14
2-Fluorobiphenyl
Concen: 0.41 ng
RT: 13.44 min Scan# 885
Delta R.T. -0.00 min
Lab File: BE092443.D
Acq: 7 Oct 2016 11:53

Tgt Ion:172 Resp: 3158

Ion	Ratio	Lower	Upper
172	100		
171	36.7	30.1	45.1
170	25.8	21.8	32.6



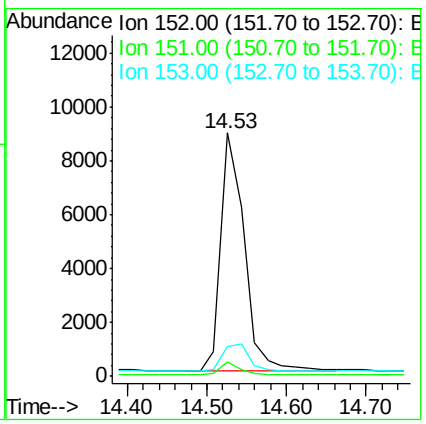


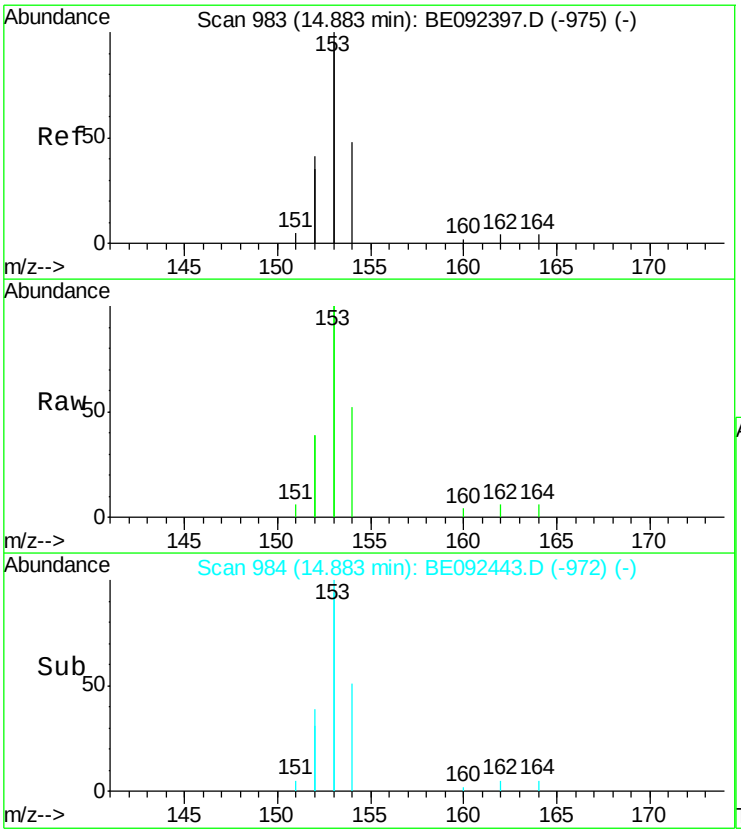
#15
Acenaphthylene
Concen: 0.38 ng
RT: 14.53 min Scan# 963
Delta R.T. 0.00 min
Lab File: BE092443.D
Acq: 7 Oct 2016 11:53

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:152 Resp: 17961

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

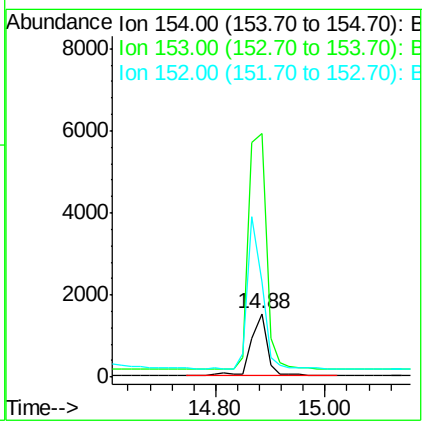


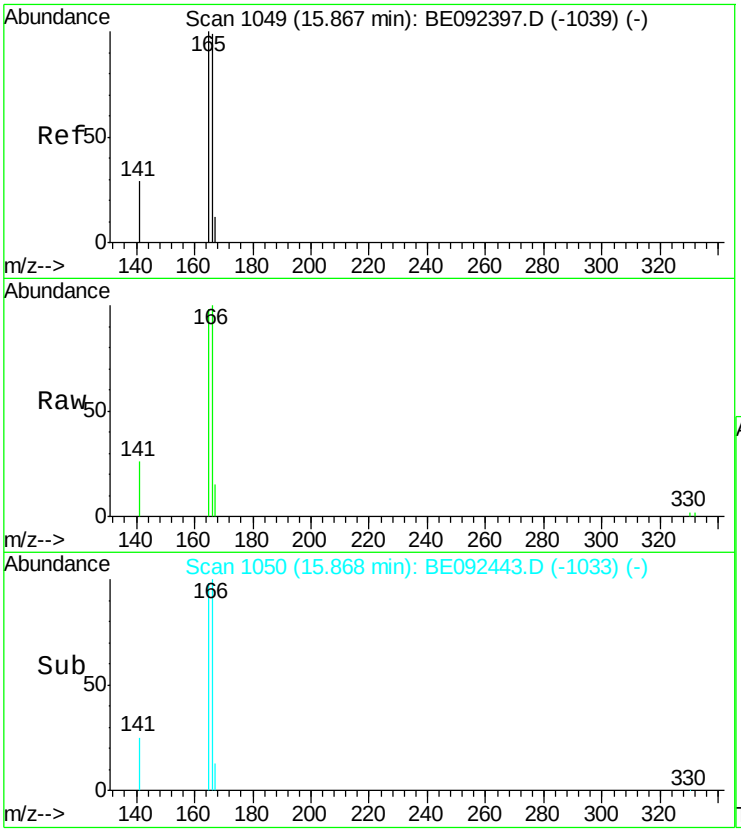


#16
Acenaphthene
Concen: 0.40 ng
RT: 14.88 min Scan# 984
Delta R.T. 0.00 min
Lab File: BE092443.D
Acq: 7 Oct 2016 11:53

Tgt Ion:154 Resp: 2956

Ion	Ratio	Lower	Upper
154	100		
153	439.4	350.8	526.2
152	228.2	171.1	256.7



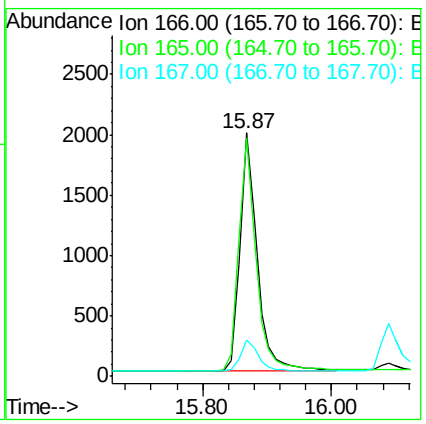


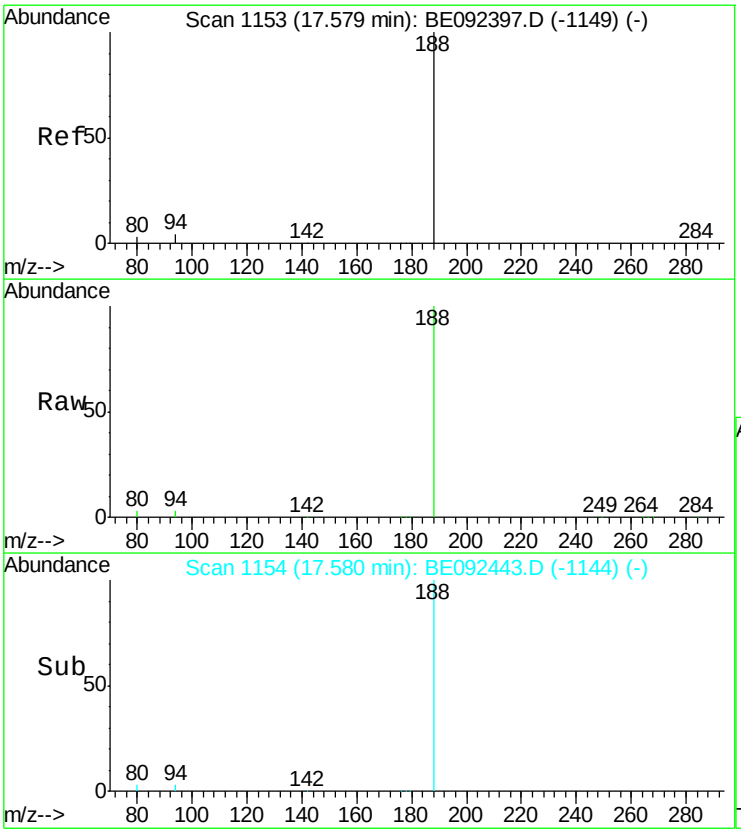
#17
Fluorene
Concen: 0.38 ng
RT: 15.87 min Scan# 1050
Delta R.T. 0.00 min
Lab File: BE092443.D
Acq: 7 Oct 2016 11:53

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:166 Resp: 3598

Ion	Ratio	Lower	Upper
166	100		
165	98.1	78.2	117.4
167	13.8	11.0	16.4

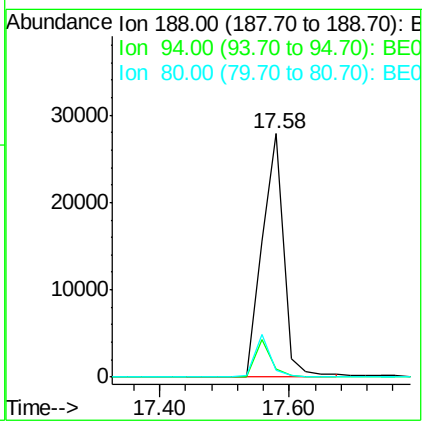


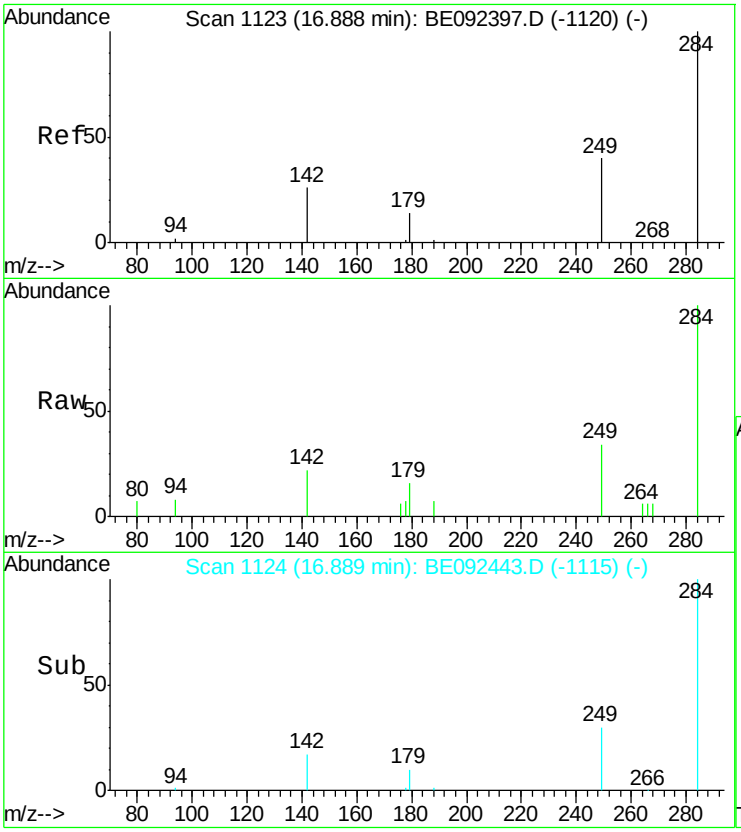


#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.58 min Scan# 1154
Delta R.T. 0.02 min
Lab File: BE092443.D
Acq: 7 Oct 2016 11:53

Tgt Ion:188 Resp: 64524

Ion	Ratio	Lower	Upper
188	100		
94	3.5	3.2	4.8
80	3.0	2.6	3.8



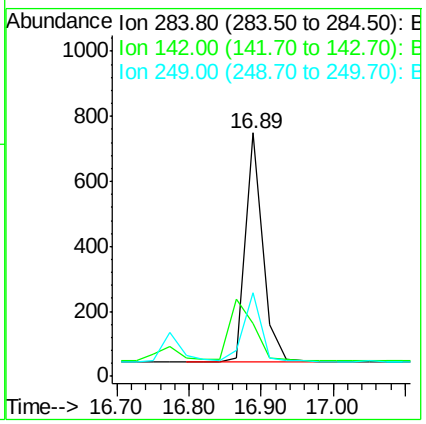


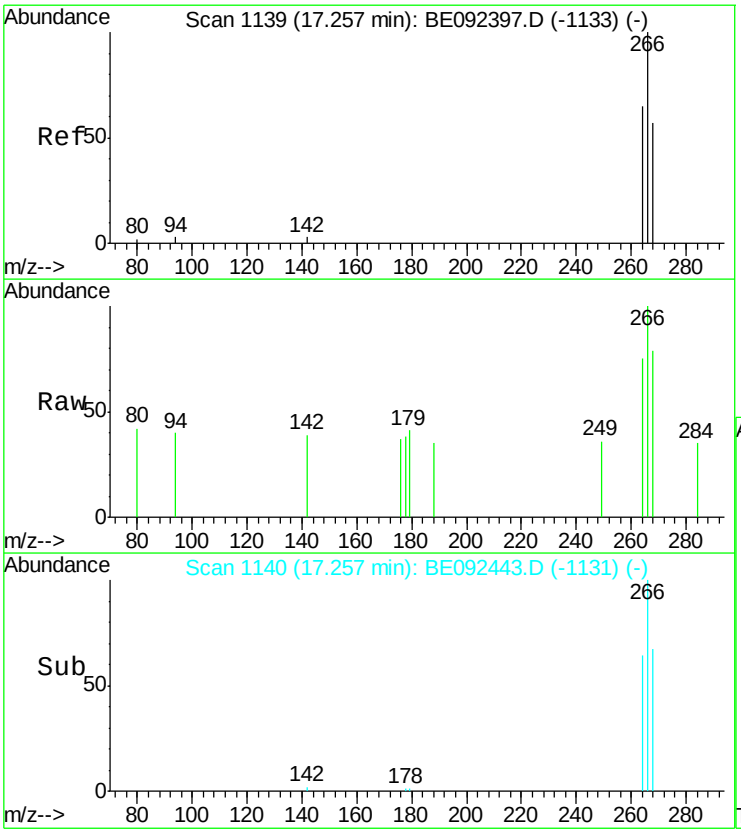
#19
Hexachlorobenzene
Concen: 0.43 ng
RT: 16.89 min Scan# 1124
Delta R.T. 0.00 min
Lab File: BE092443.D
Acq: 7 Oct 2016 11:53

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:284 Resp: 1183

Ion	Ratio	Lower	Upper
284	100		
142	0.0	29.1	43.7#
249	30.3	27.9	41.9

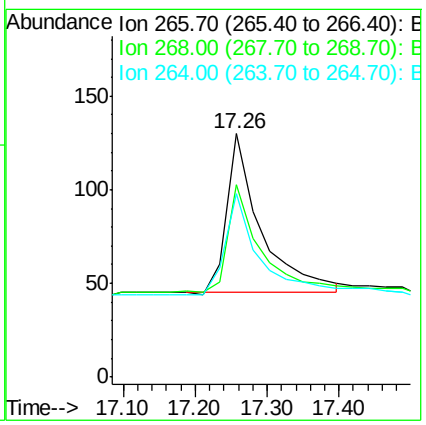


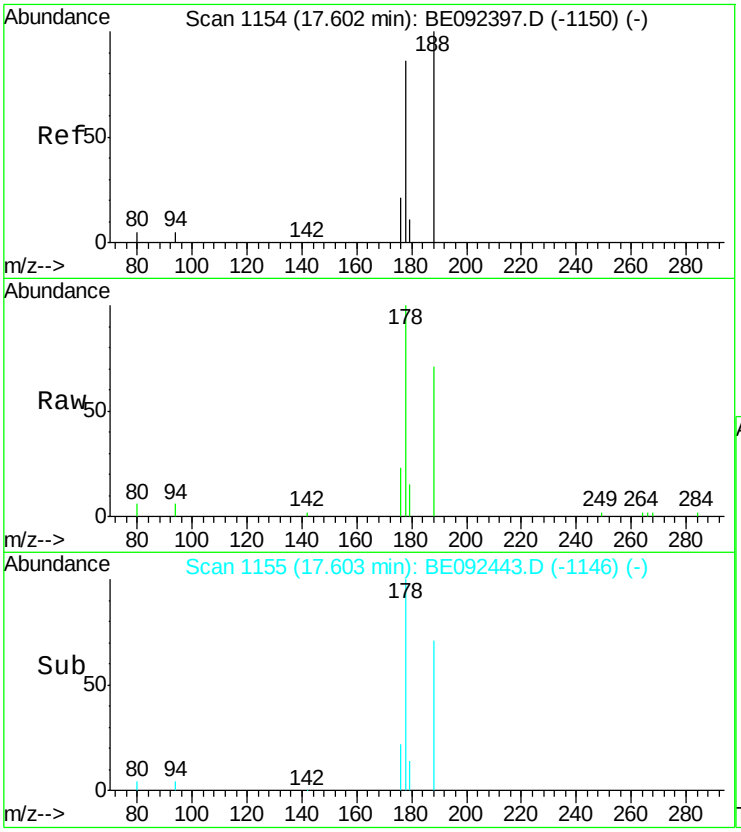


#20
Pentachlorophenol
Concen: 0.45 ng
RT: 17.26 min Scan# 1140
Delta R.T. 0.00 min
Lab File: BE092443.D
Acq: 7 Oct 2016 11:53

Tgt Ion:266 Resp: 278

Ion	Ratio	Lower	Upper
266	100		
268	79.2	62.5	93.7
264	75.4	57.2	85.8



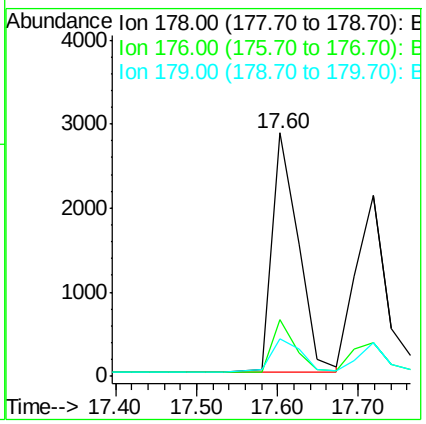


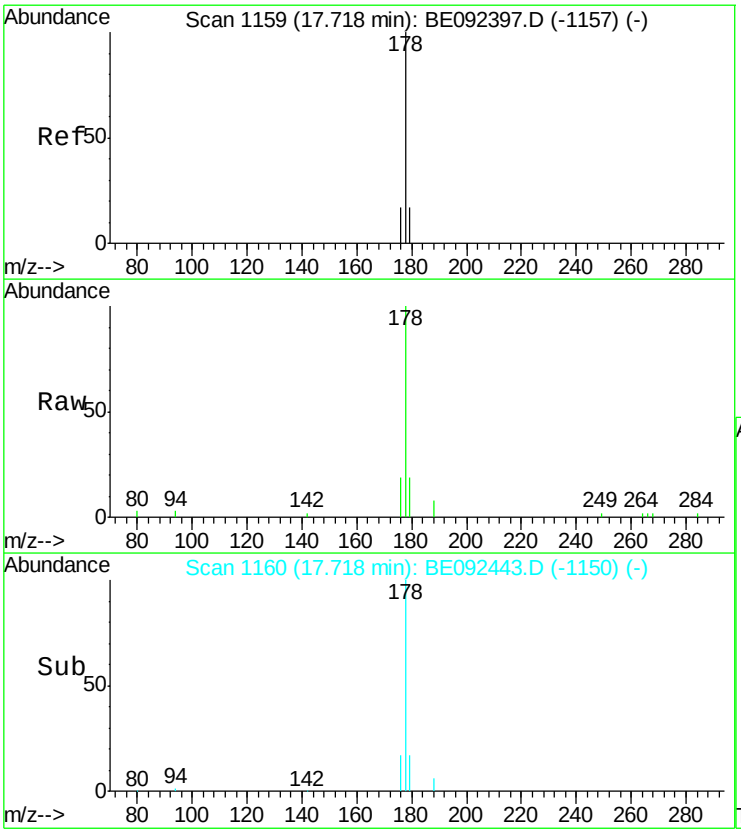
#21
Phenanthrene
Concen: 0.43 ng
RT: 17.60 min Scan# 1155
Delta R.T. 0.00 min
Lab File: BE092443.D
Acq: 7 Oct 2016 11:53

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:178 Resp: 6411

Ion	Ratio	Lower	Upper
178	100		
176	19.9	15.8	23.8
179	16.1	16.0	24.0

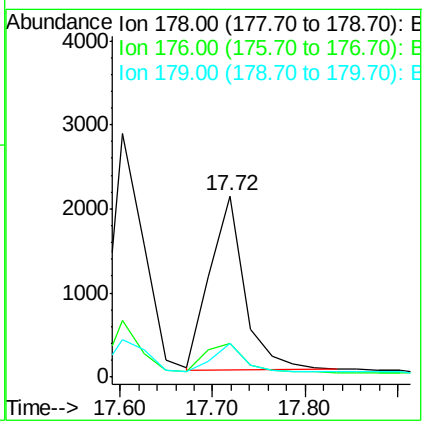


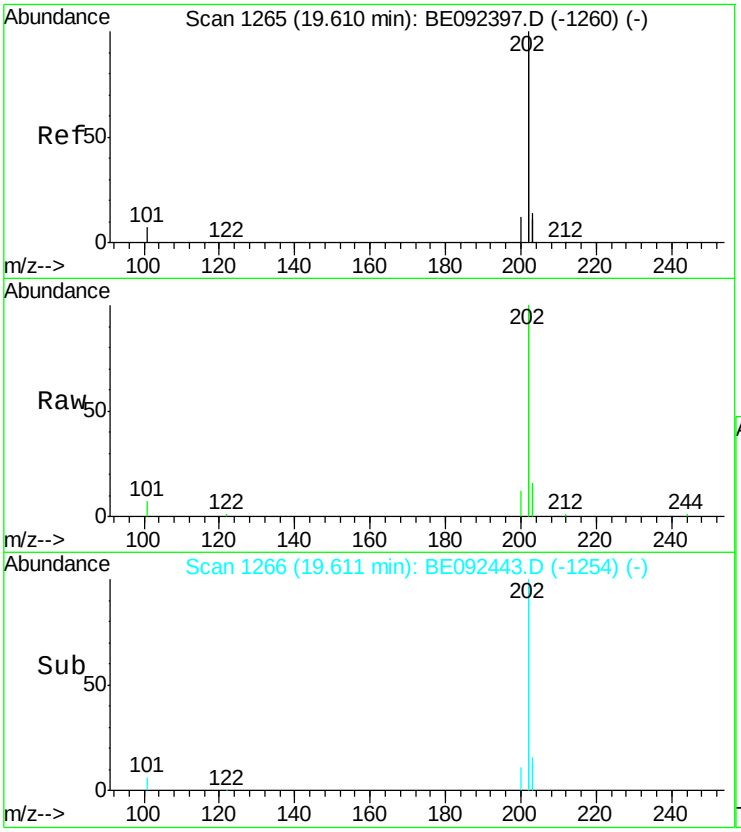


#22
Anthracene
Concen: 0.38 ng
RT: 17.72 min Scan# 1160
Delta R.T. 0.02 min
Lab File: BE092443.D
Acq: 7 Oct 2016 11:53

Tgt Ion:178 Resp: 5434

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.0	22.4
179	14.8	12.2	18.2



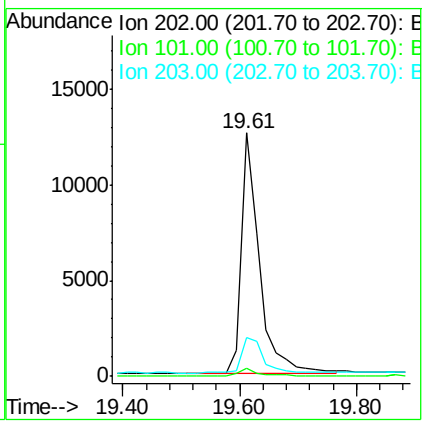


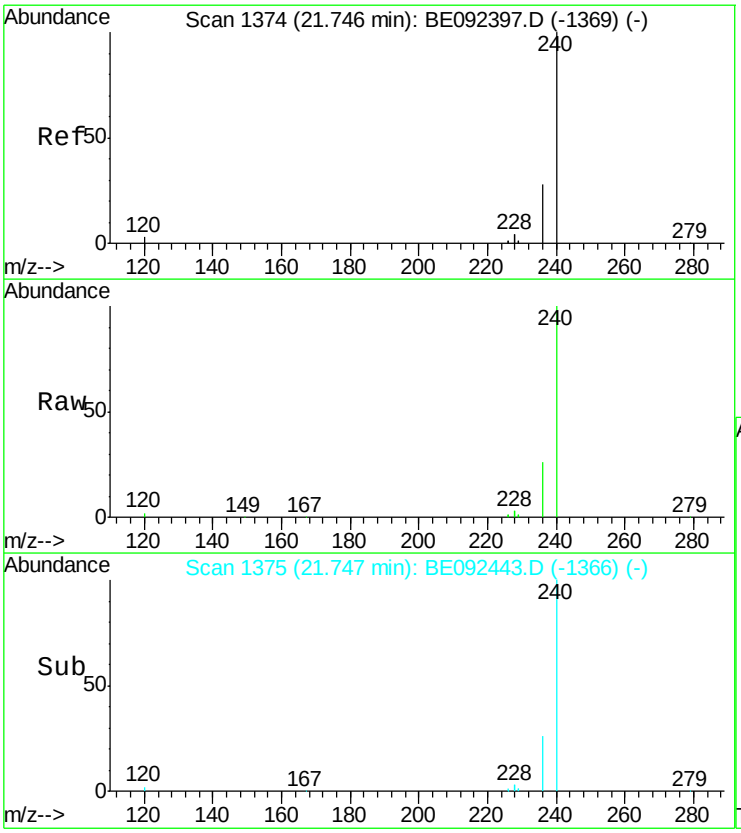
#23
Fluoranthene
Concen: 0.38 ng
RT: 19.61 min Scan# 1266
Delta R.T. 0.00 min
Lab File: BE092443.D
Acq: 7 Oct 2016 11:53

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:202 Resp: 26438

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

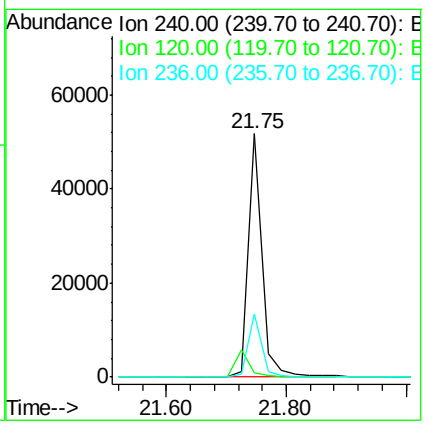


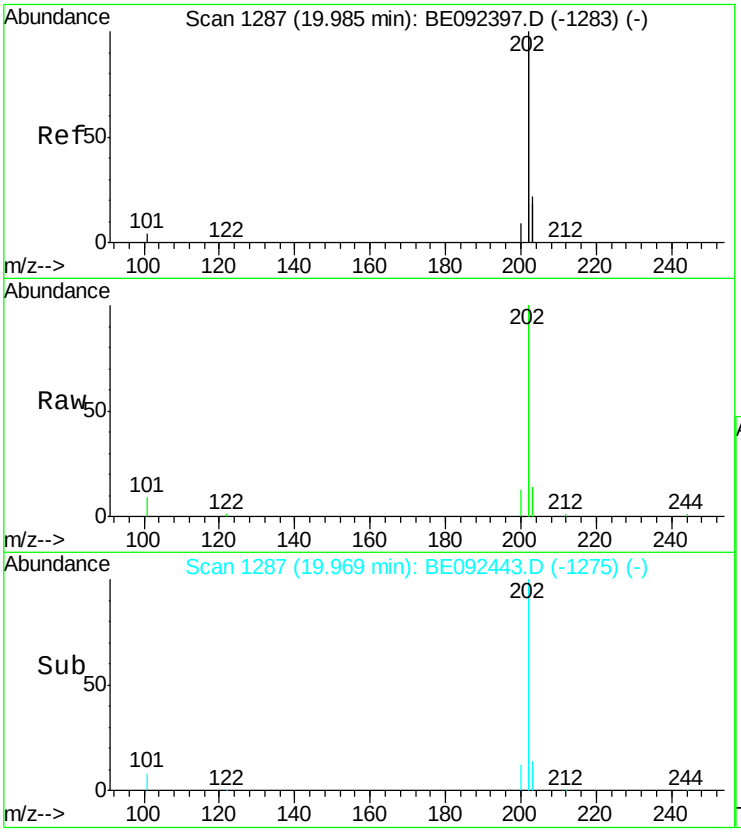


#24
Chrysene-d12
Concen: 5.00 ng
RT: 21.75 min Scan# 1375
Delta R.T. 0.00 min
Lab File: BE092443.D
Acq: 7 Oct 2016 11:53

Tgt Ion:240 Resp: 82294

Ion	Ratio	Lower	Upper
240	100		
120	2.0	2.6	4.0#
236	25.7	24.6	37.0



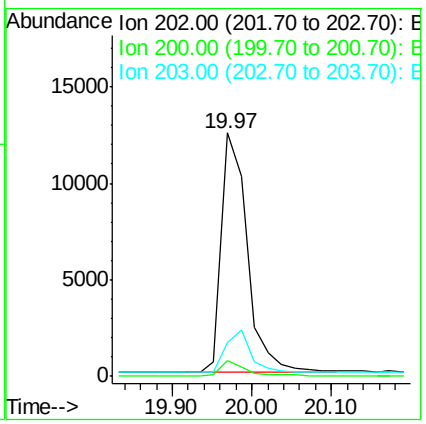


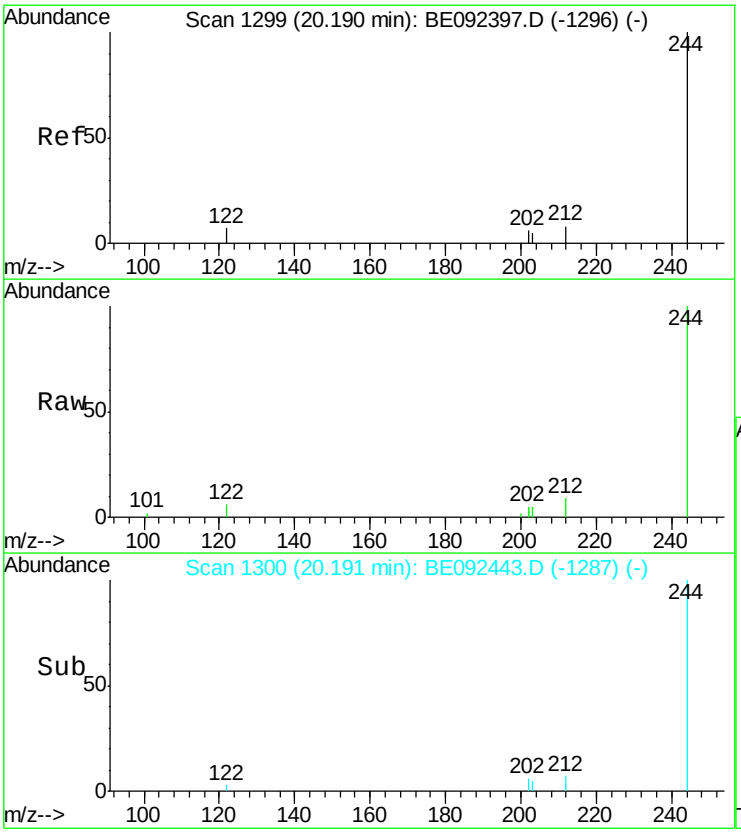
#25
Pyrene
Concen: 0.39 ng
RT: 19.97 min Scan# 1287
Delta R.T. 0.00 min
Lab File: BE092443.D
Acq: 7 Oct 2016 11:53

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:202 Resp: 28037

Ion	Ratio	Lower	Upper
202	100		
200	5.3	4.2	6.4
203	17.3	13.9	20.9

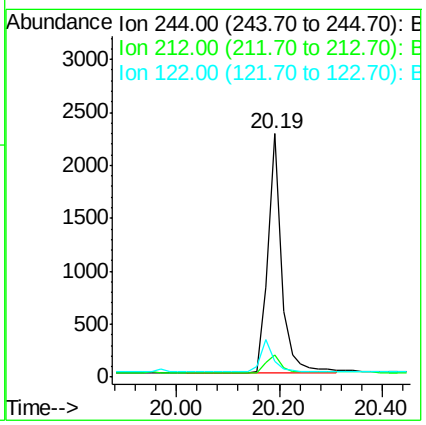


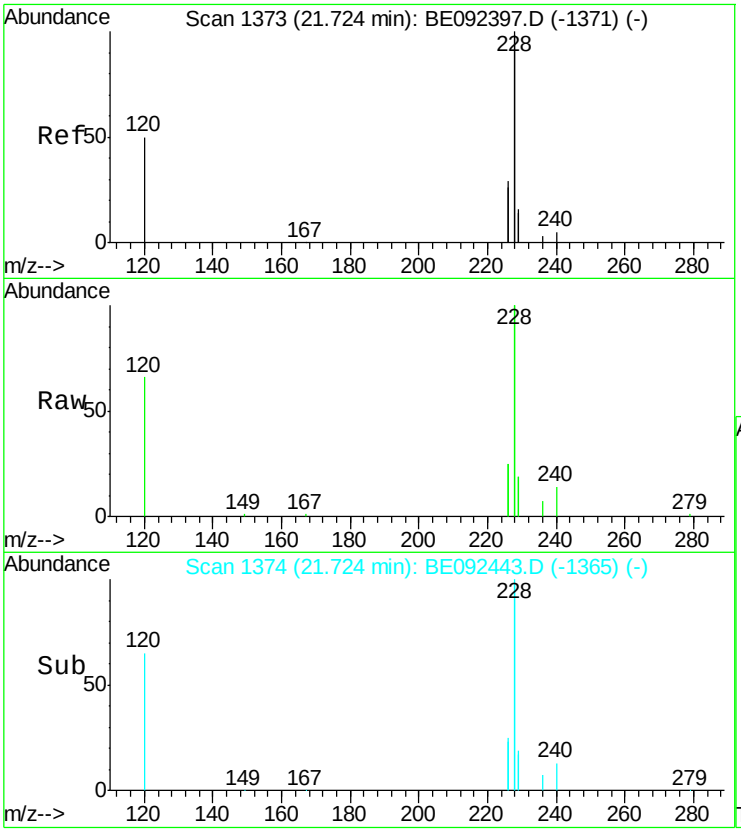


#26
Terphenyl-d14
Concen: 0.40 ng
RT: 20.19 min Scan# 1300
Delta R.T. 0.02 min
Lab File: BE092443.D
Acq: 7 Oct 2016 11:53

Tgt Ion:244 Resp: 4114

Ion	Ratio	Lower	Upper
244	100		
212	9.3	6.7	10.1
122	6.5	3.6	5.4#



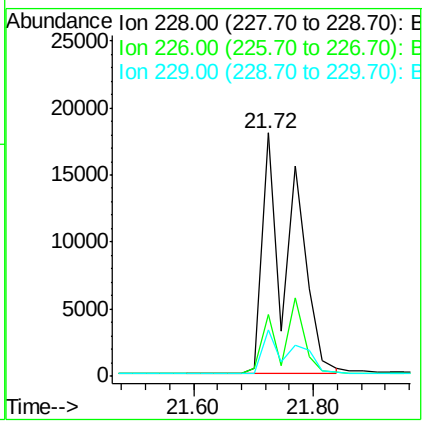


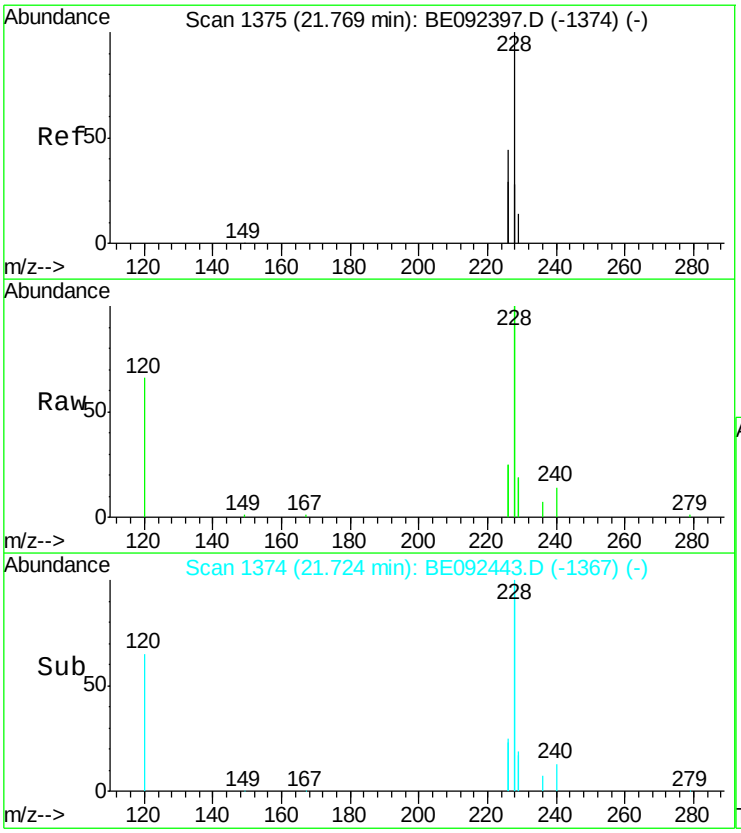
#27
Benzo(a)anthracene
Concen: 0.76 ng
RT: 21.72 min Scan# 1374
Delta R.T. 0.00 min
Lab File: BE092443.D
Acq: 7 Oct 2016 11:53

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:228 Resp: 60916

Ion	Ratio	Lower	Upper
228	100		
226	25.3	23.6	35.4
229	19.0	13.3	19.9

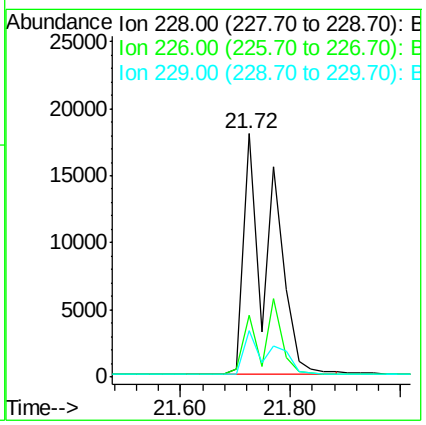


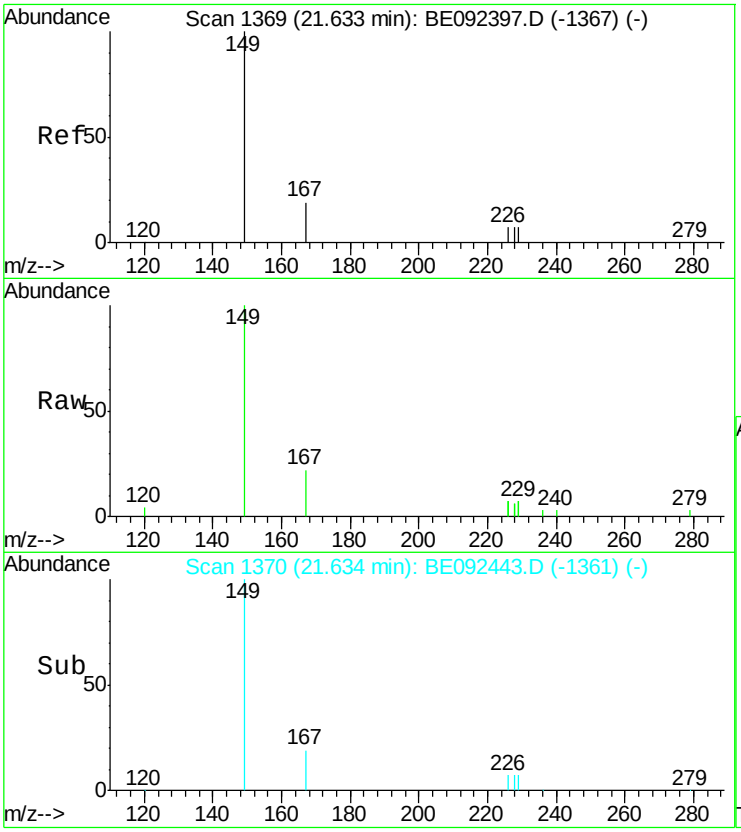


#28
Chrysene
Concen: 0.84 ng
RT: 21.72 min Scan# 1374
Delta R.T. -0.04 min
Lab File: BE092443.D
Acq: 7 Oct 2016 11:53

Tgt Ion:228 Resp: 61498

Ion	Ratio	Lower	Upper
228	100		
226	25.3	36.3	54.5#
229	19.0	10.6	16.0#



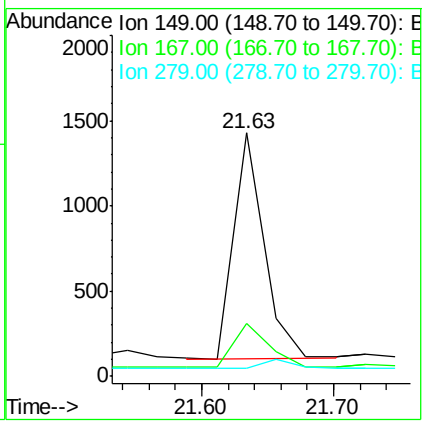


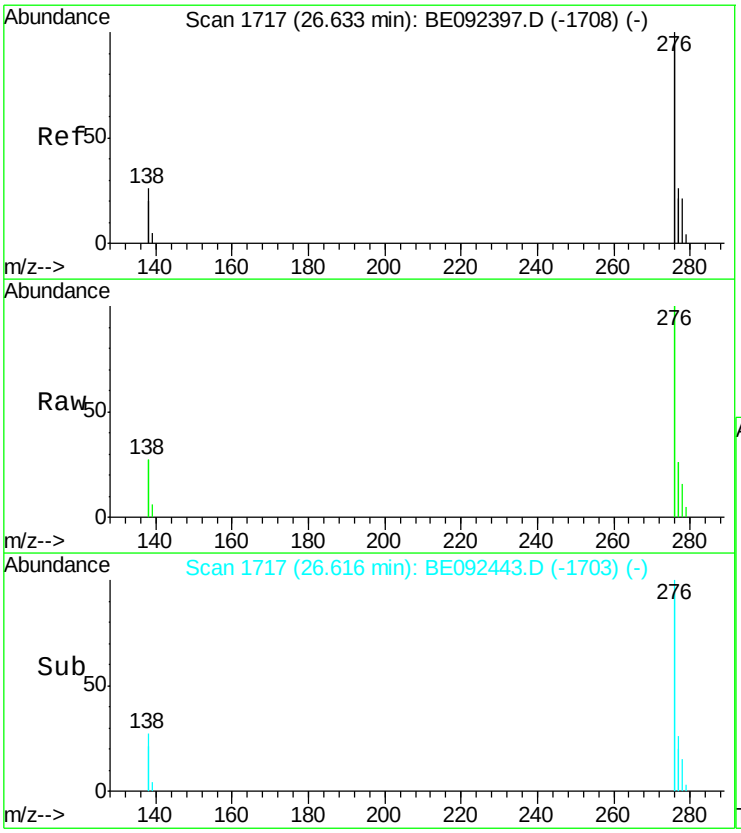
#29
Bis(2-ethylhexyl)phthalate
Concen: 0.31 ng
RT: 21.63 min Scan# 1370
Delta R.T. 0.00 min
Lab File: BE092443.D
Acq: 7 Oct 2016 11:53

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:149 Resp: 2141

Ion	Ratio	Lower	Upper
149	100		
167	23.3	16.0	24.0
279	0.0	16.0	24.0#

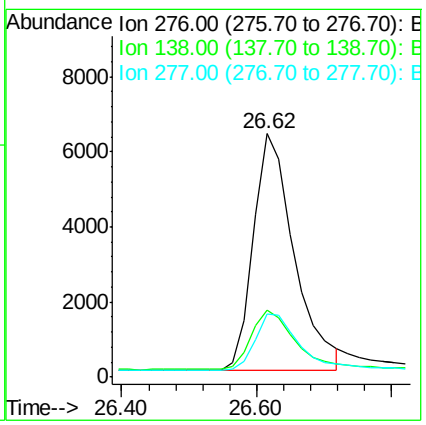


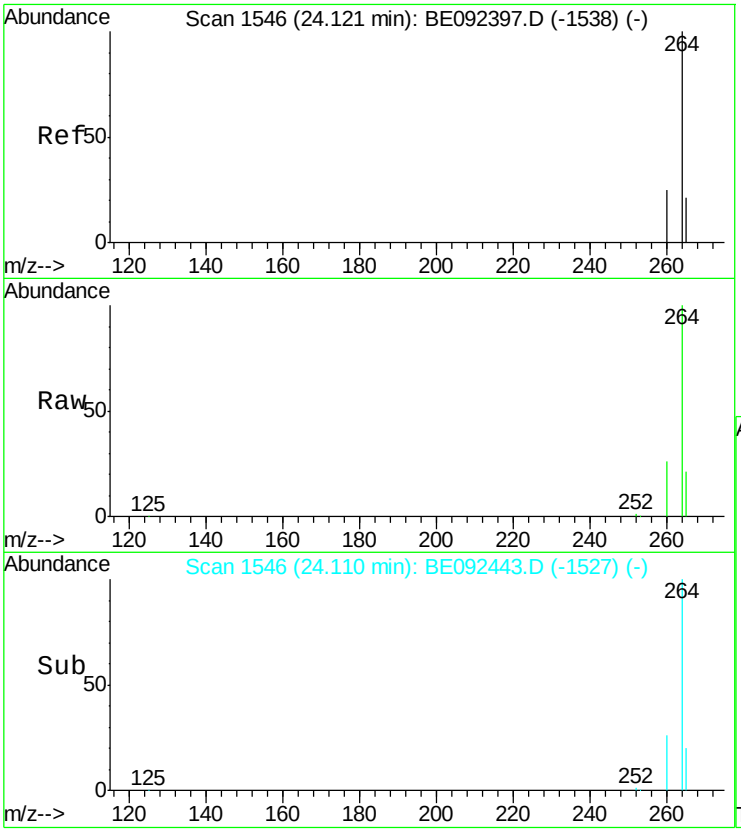


#30
Indeno(1,2,3-cd)pyrene
Concen: 0.34 ng
RT: 26.62 min Scan# 1717
Delta R.T. 0.03 min
Lab File: BE092443.D
Acq: 7 Oct 2016 11:53

Tgt Ion:276 Resp: 26455

Ion	Ratio	Lower	Upper
276	100		
138	26.9	20.3	30.5
277	24.7	19.7	29.5



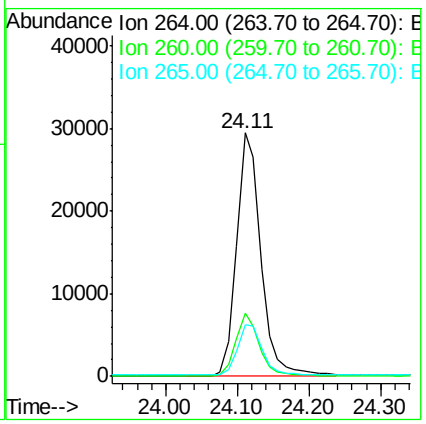


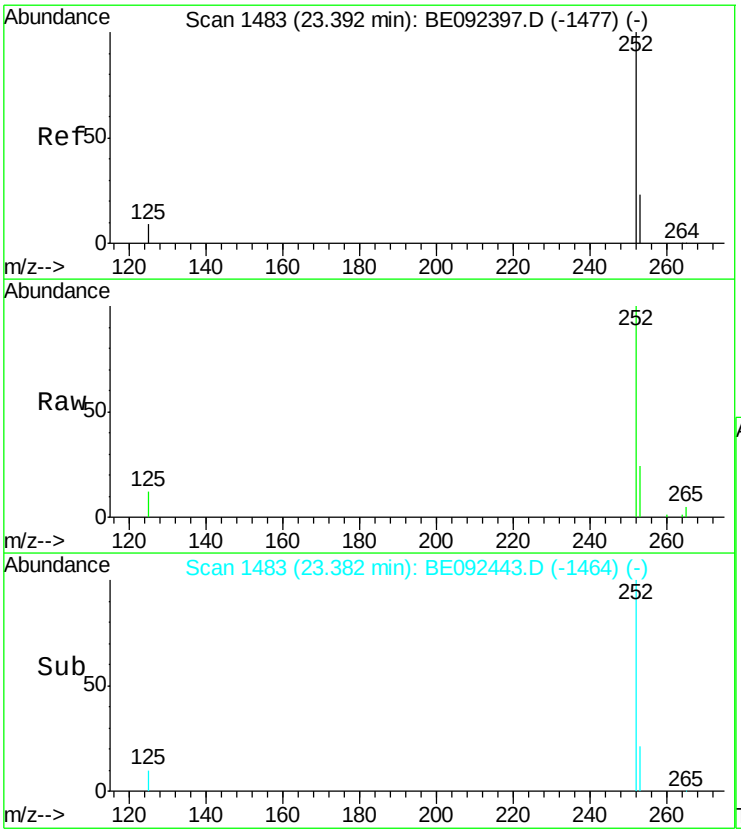
#31
Perylene-d12
Concen: 5.00 ng
RT: 24.11 min Scan# 1546
Delta R.T. 0.02 min
Lab File: BE092443.D
Acq: 7 Oct 2016 11:53

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:264 Resp: 69190

Ion	Ratio	Lower	Upper
264	100		
260	25.9	20.1	30.1
265	20.9	17.9	26.9

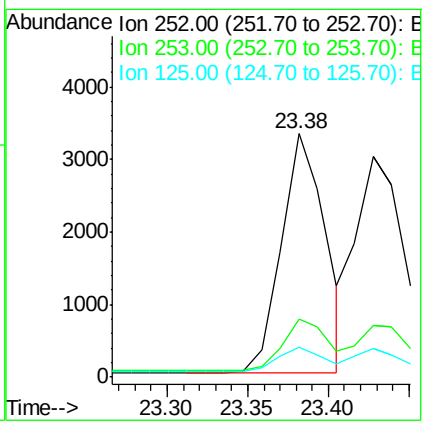


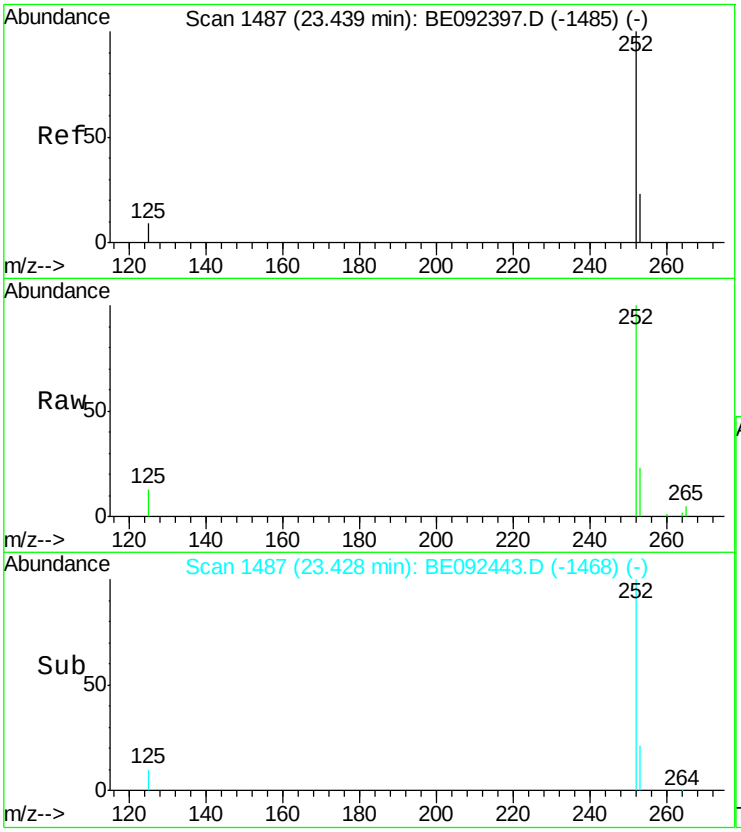


#32
Benzo(b)fluoranthene
Concen: 0.37 ng
RT: 23.38 min Scan# 1483
Delta R.T. 0.02 min
Lab File: BE092443.D
Acq: 7 Oct 2016 11:53

Tgt Ion:252 Resp: 6248

Ion	Ratio	Lower	Upper
252	100		
253	23.7	18.7	28.1
125	12.4	10.5	15.7



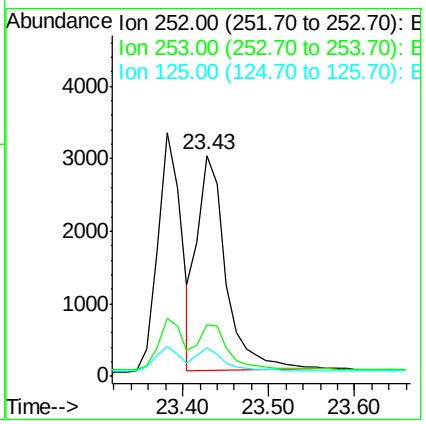


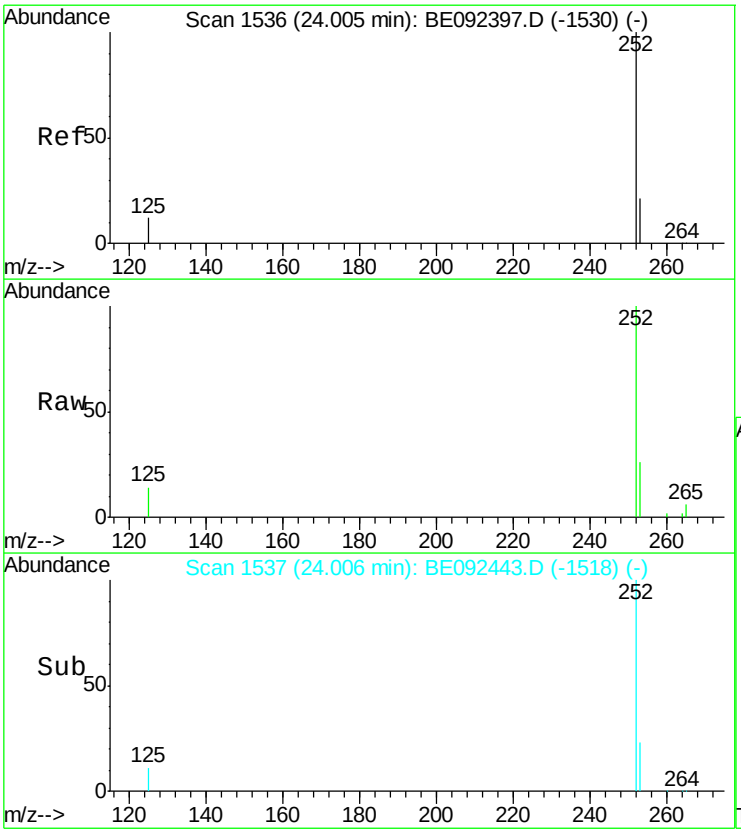
#33
Benzo(k)fluoranthene
Concen: 0.39 ng
RT: 23.43 min Scan# 1487
Delta R.T. 0.02 min
Lab File: BE092443.D
Acq: 7 Oct 2016 11:53

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:252 Resp: 6811

Ion	Ratio	Lower	Upper
252	100		
253	23.5	20.3	30.5
125	12.7	9.6	14.4

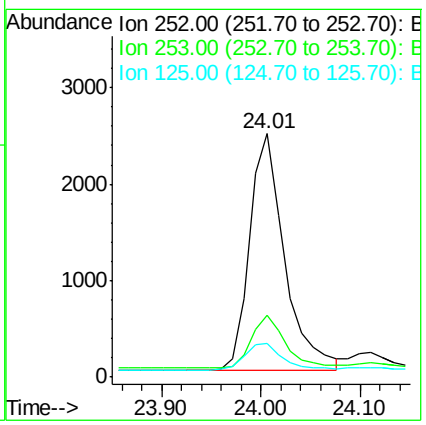


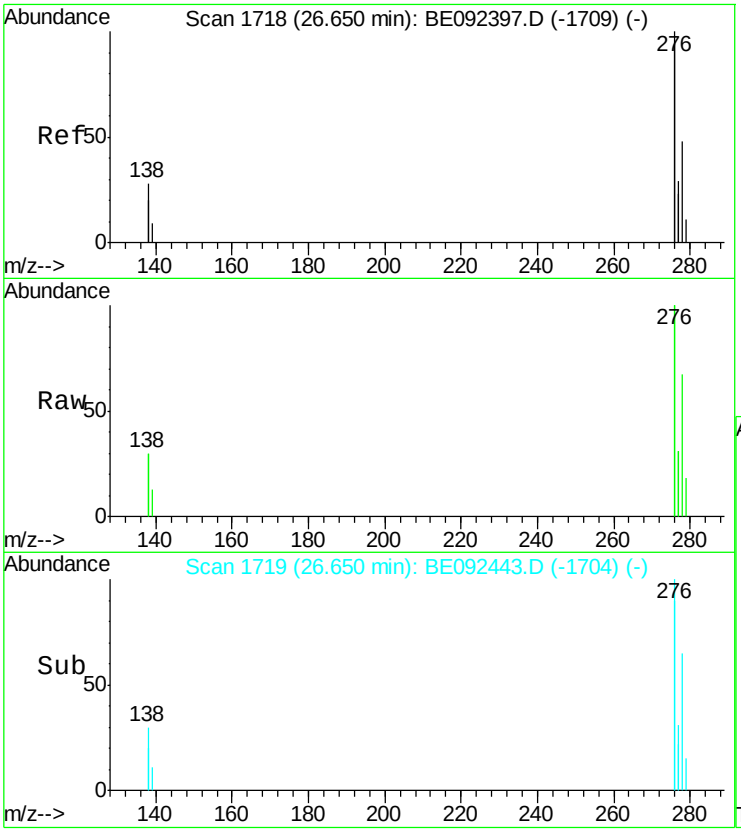


#34
Benzo(a)pyrene
Concen: 0.36 ng
RT: 24.01 min Scan# 1537
Delta R.T. 0.02 min
Lab File: BE092443.D
Acq: 7 Oct 2016 11:53

Tgt Ion:252 Resp: 5963

Ion	Ratio	Lower	Upper
252	100		
253	25.6	19.0	28.6
125	13.7	11.8	17.8



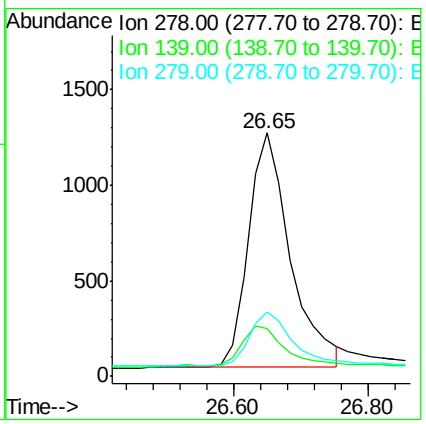


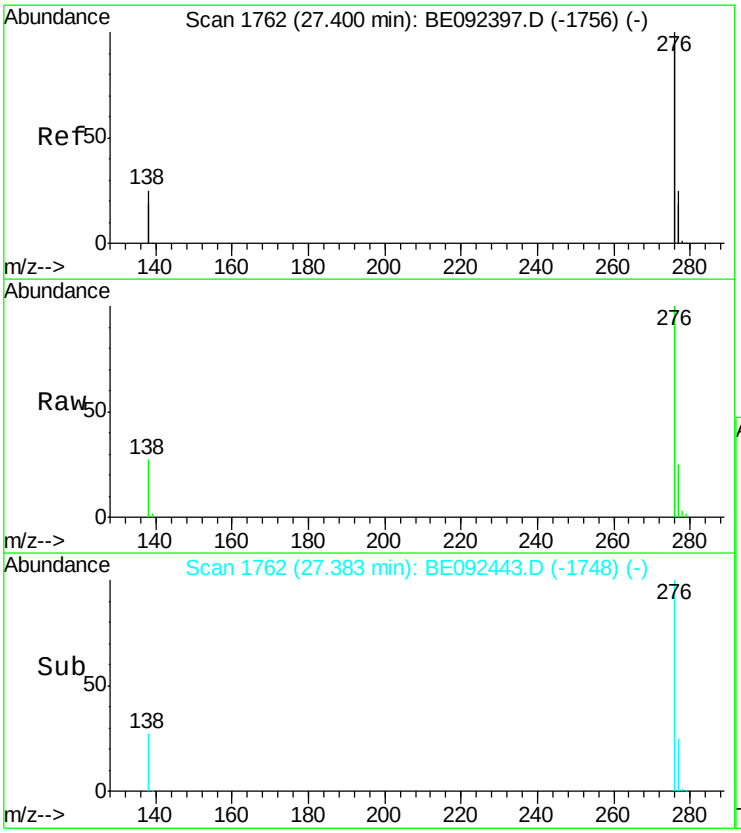
#35
Dibenzo(a,h)anthracene
Concen: 0.35 ng
RT: 26.65 min Scan# 1719
Delta R.T. 0.05 min
Lab File: BE092443.D
Acq: 7 Oct 2016 11:53

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:278 Resp: 5292

Ion	Ratio	Lower	Upper
278	100		
139	19.8	13.8	20.8
279	26.4	21.4	32.2





#36
Benzo(g,h,i)perylene
Concen: 0.37 ng
RT: 27.38 min Scan# 1762
Delta R.T. 0.03 min
Lab File: BE092443.D
Acq: 7 Oct 2016 11:53

Tgt Ion:276 Resp: 24004

Ion	Ratio	Lower	Upper
276	100		
277	25.3	19.8	29.8
138	26.6	19.8	29.6