Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\Data\BE103116\
Data File : BE092481.D
Acq On : 31 Oct 2016 14:52
Operator : UM/SJ
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDCCC0.4

Quant Time: Nov 01 11:01:32 2016
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE102516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 25 15:25:33 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	9790	5.00	ng		0.00
7) Naphthalene-d8	10.95	136	48069	5.00	ng		0.00
12) Acenaphthene-d10	14.82	164	34510	5.00	ng		0.00
18) Phenanthrene-d10	17.58	188	65070	5.00	ng		0.00
24) Chrysene-d12	21.75	240	80473	5.00	ng		0.00
31) Perylene-d12	24.11	264	65599	5.00	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.68	112	604	0.41	ng		0.00
5) Phenol-d6	7.36	99	811	0.40	ng		0.00
8) Nitrobenzene-d5	9.36	82	1019	0.47	ng		0.00
13) 2,4,6-Tribromophenol	16.32	330	229	0.37	ng		0.00
14) 2-Fluorobiphenyl	13.44	172	3409	0.41	ng		0.00
26) Terphenyl-d14	20.19	244	3845	0.39	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.41	88	593	0.47	ng		90
3) n-Nitrosodimethylamine	3.79	42	475	0.48	ng	#	89
6) bis(2-Chloroethyl)ether	7.59	93	919	0.43	ng	#	67
9) Naphthalene	10.99	128	4047	0.39	ng		97
10) Hexachlorobutadiene	11.28	225	633	0.40	ng		99
11) 2-Methylnaphthalene	12.65	142	2544	0.38	ng		93
15) Acenaphthylene	14.53	152	18876	0.38	ng		100
16) Acenaphthene	14.88	154	3121	0.40	ng		96
17) Fluorene	15.87	166	3635	0.39	ng		99
19) Hexachlorobenzene	16.89	284	1222	0.42	ng	#	65
20) Pentachlorophenol	17.26	266	156	0.44	ng		93
21) Phenanthrene	17.60	178	6555	0.39	ng		96
22) Anthracene	17.72	178	5581	0.37	ng		99
23) Fluoranthene	19.61	202	25601	0.38	ng		99
25) Pyrene	19.97	202	25849	0.37	ng		99
27) Benzo(a)anthracene	21.72	228	57519	0.77	ng		92
28) Chrysene	21.72	228	57780	0.74	ng	#	72
29) Bis(2-ethylhexyl)phthalate	21.63	149	1655	0.40	ng	#	74
30) Indeno(1,2,3-cd)pyrene	26.62	276	24066	0.35	ng		98
32) Benzo(b)fluoranthene	23.38	252	5537	0.34	ng		99
33) Benzo(k)fluoranthene	23.43	252	6426	0.40	ng		96
34) Benzo(a)pyrene	24.01	252	5040	0.34	ng		97
35) Dibenzo(a,h)anthracene	26.65	278	4736	0.34	ng	#	96
36) Benzo(g,h,i)perylene	27.40	276	21706	0.36	ng		97

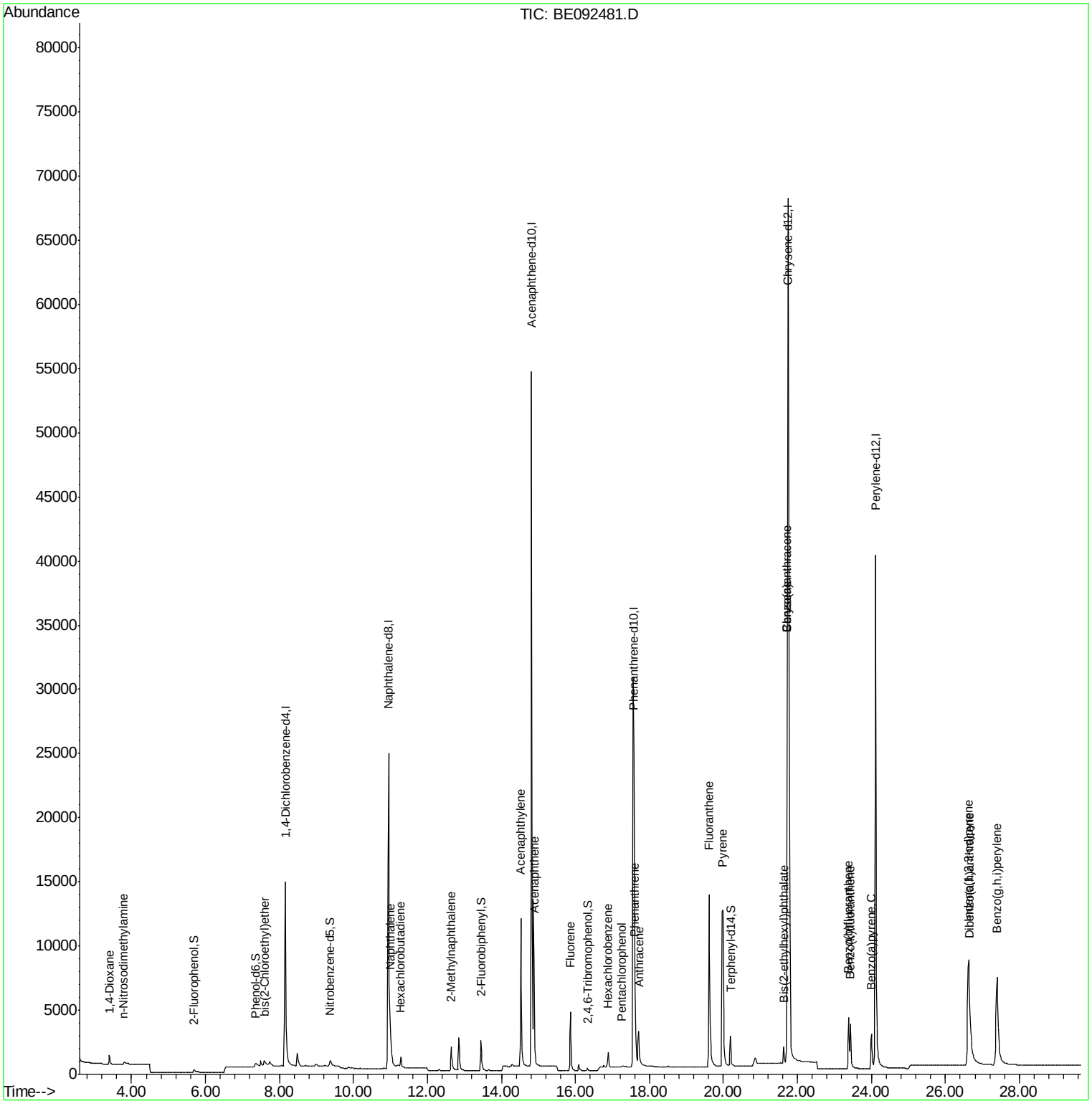
(#) = qualifier out of range (m) = manual integration (+) = signals summed

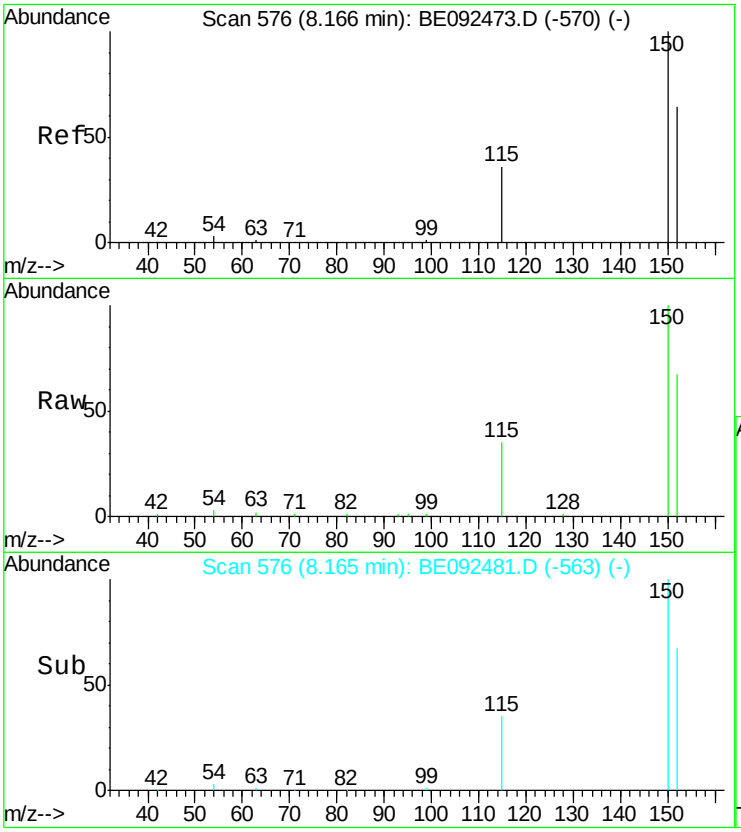
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\Data\BE103116\
Data File : BE092481.D
Acq On : 31 Oct 2016 14:52
Operator : UM/SJ
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Quant Time: Nov 01 11:01:32 2016
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE102516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 25 15:25:33 2016
Response via : Initial Calibration



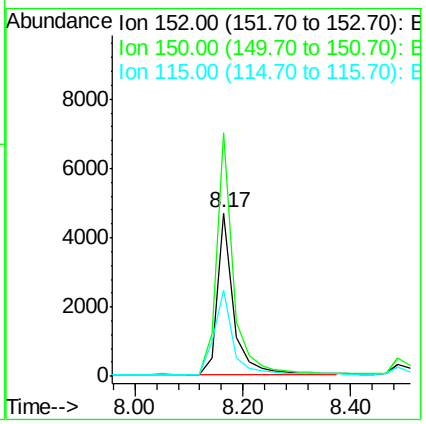


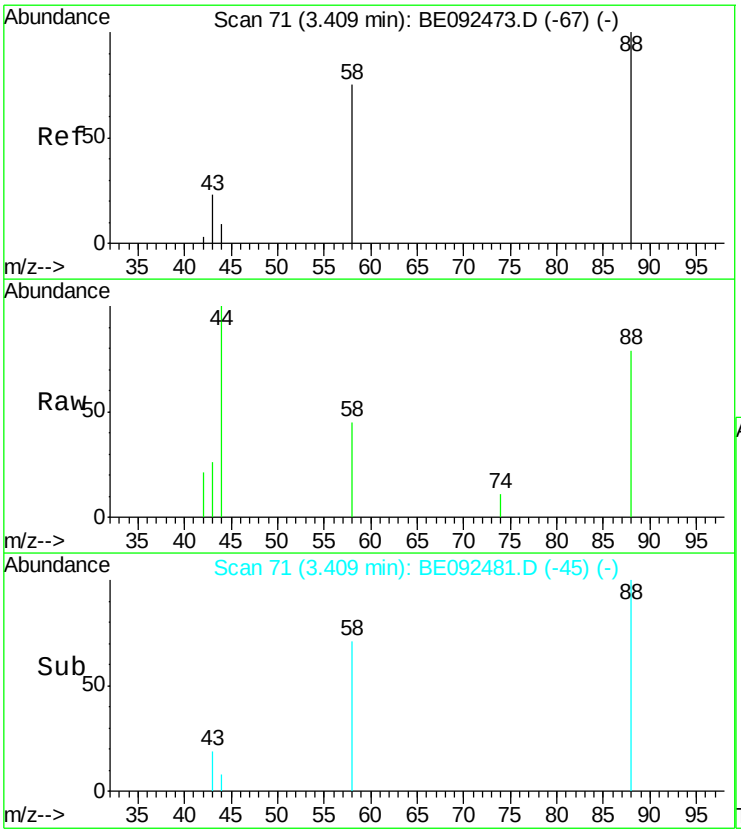
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 8.17 min Scan# 576
Delta R.T. -0.00 min
Lab File: BE092481.D
Acq: 31 Oct 2016 14:52

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:152 Resp: 9790

Ion	Ratio	Lower	Upper
152	100		
150	149.3	106.0	159.0
115	52.7	31.2	46.8#

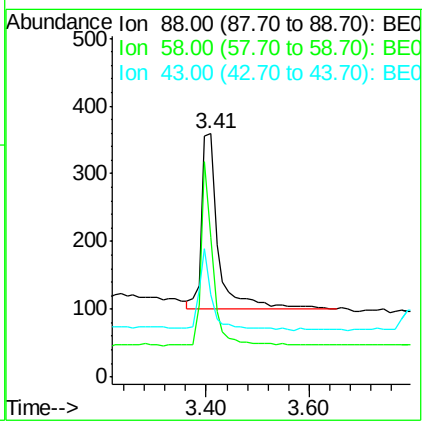


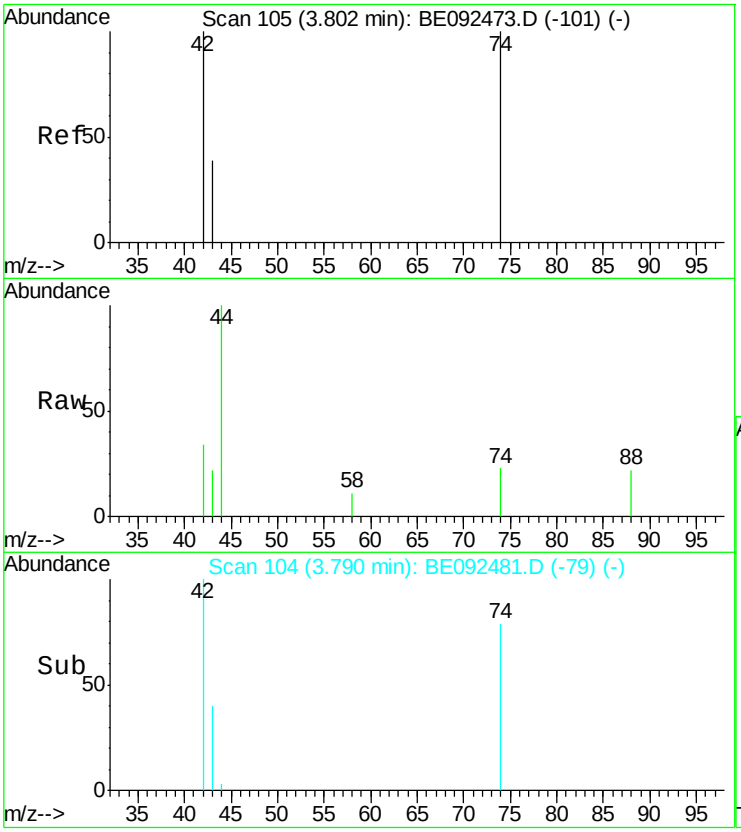


#2
1,4-Dioxane
Concen: 0.47 ng
RT: 3.41 min Scan# 71
Delta R.T. -0.00 min
Lab File: BE092481.D
Acq: 31 Oct 2016 14:52

Tgt Ion: 88 Resp: 593

Ion	Ratio	Lower	Upper
88	100		
58	70.5	63.6	95.4
43	29.8	28.0	42.0



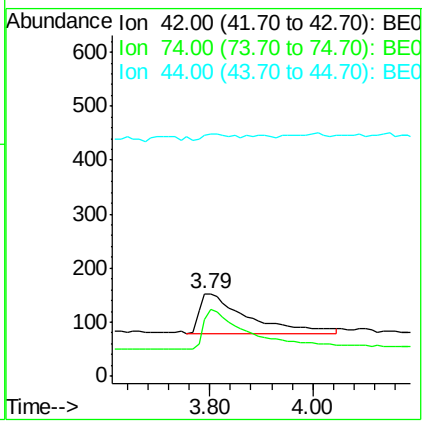


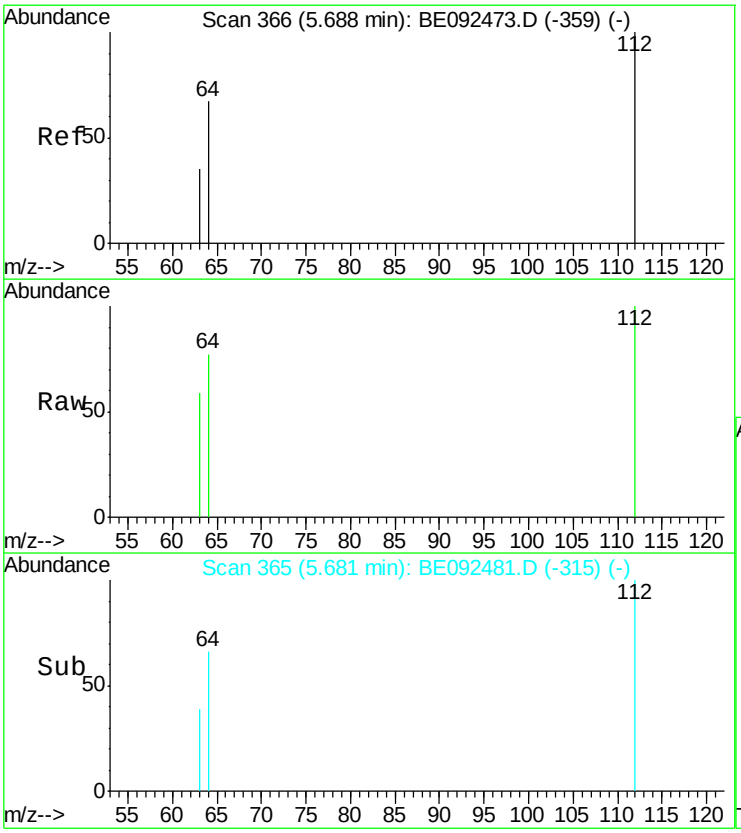
#3
n-Nitrosodimethylamine
Concen: 0.48 ng
RT: 3.79 min Scan# 104
Delta R.T. -0.01 min
Lab File: BE092481.D
Acq: 31 Oct 2016 14:52

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 42 Resp: 475

Ion	Ratio	Lower	Upper
42	100		
74	96.6	86.0	129.0
44	0.0	5.1	7.7#

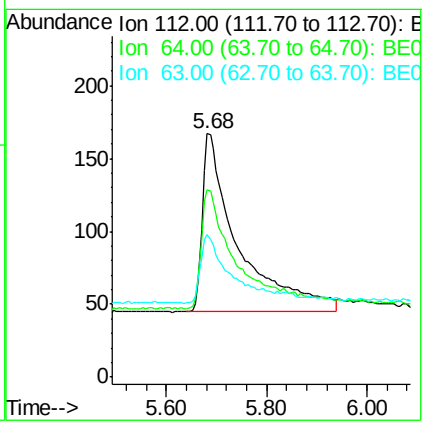


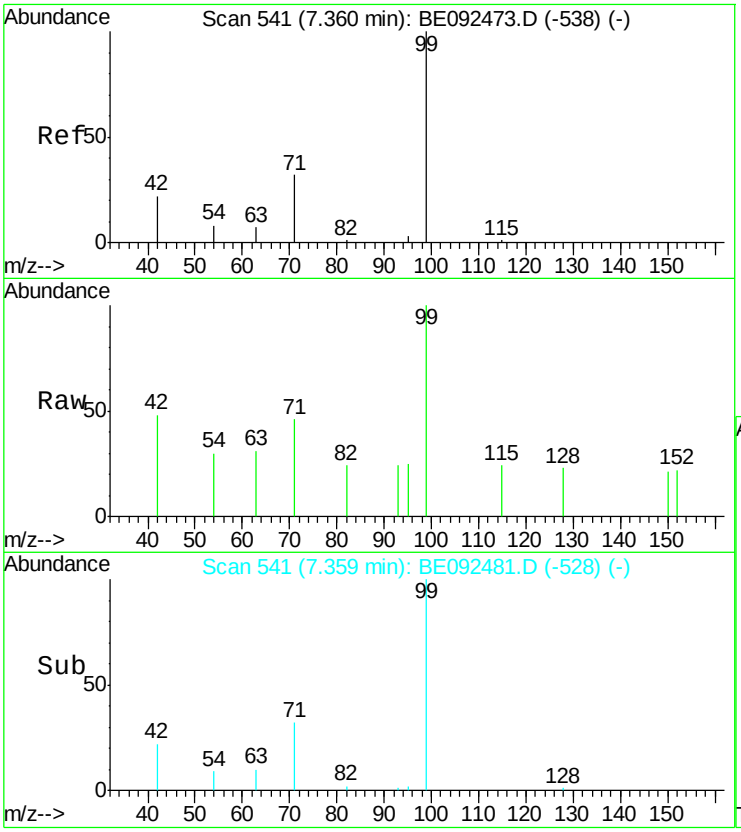


#4
2-Fluorophenol
Concen: 0.41 ng
RT: 5.68 min Scan# 365
Delta R.T. -0.01 min
Lab File: BE092481.D
Acq: 31 Oct 2016 14:52

Tgt Ion:112 Resp: 604

Ion	Ratio	Lower	Upper
112	100		
64	66.6	53.5	80.3
63	33.3	27.9	41.9



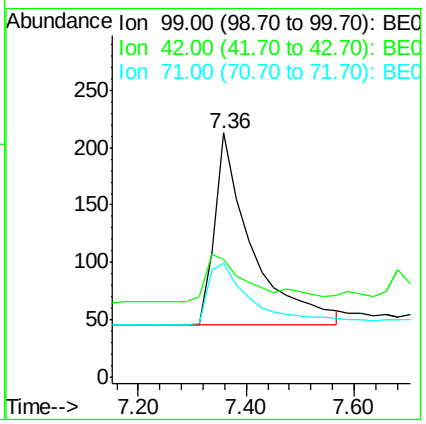


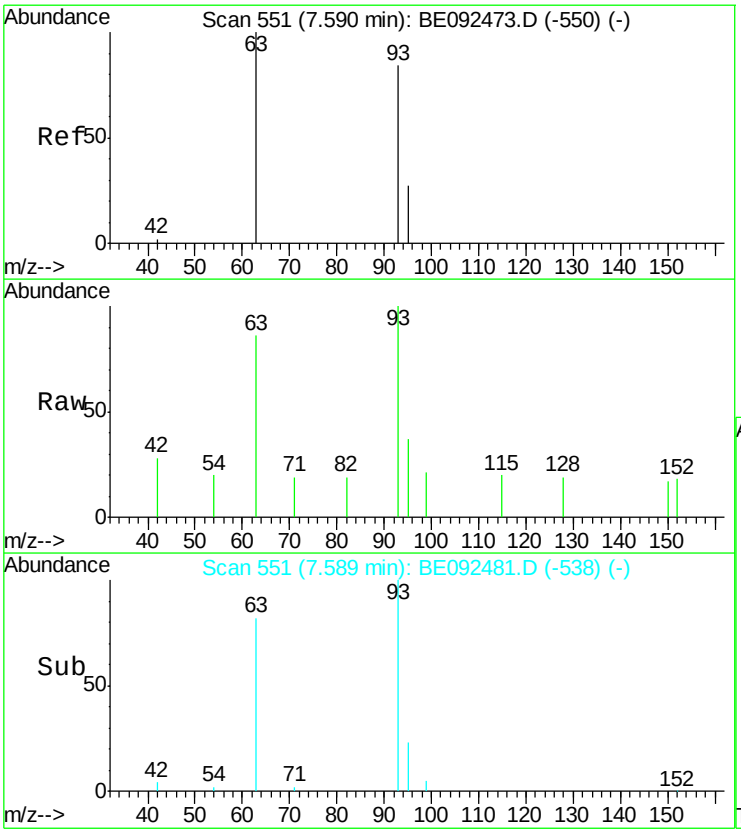
#5
Phenol-d6
Concen: 0.40 ng
RT: 7.36 min Scan# 541
Delta R.T. -0.00 min
Lab File: BE092481.D
Acq: 31 Oct 2016 14:52

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 99 Resp: 811

Ion	Ratio	Lower	Upper
99	100		
42	0.0	16.0	24.0#
71	36.9	30.6	45.8

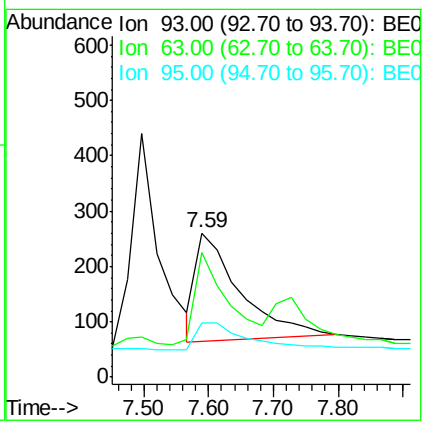


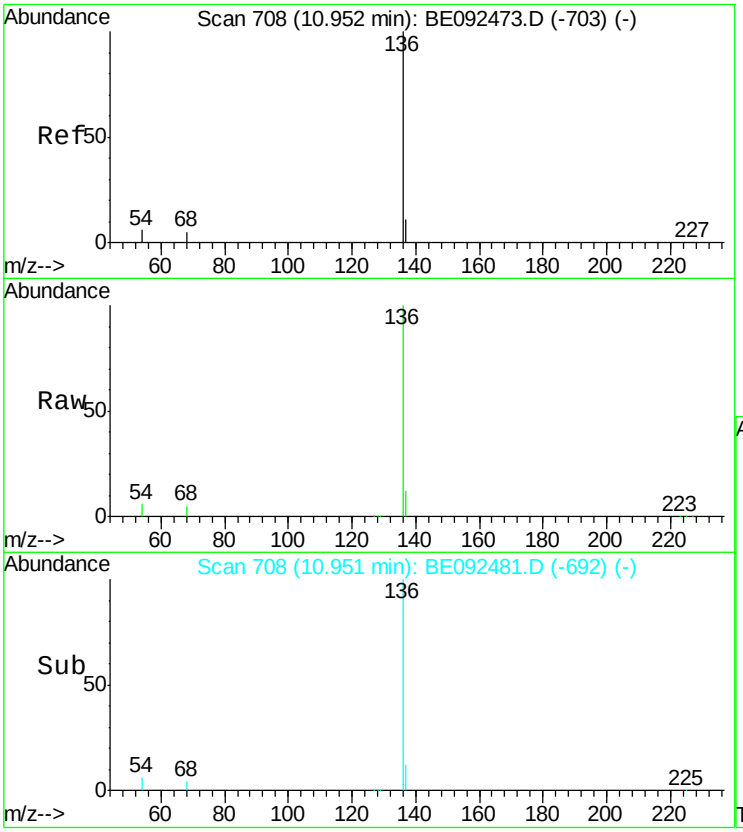


#6
bis(2-Chloroethyl)ether
Concen: 0.43 ng
RT: 7.59 min Scan# 551
Delta R.T. -0.00 min
Lab File: BE092481.D
Acq: 31 Oct 2016 14:52

Tgt Ion: 93 Resp: 919

Ion	Ratio	Lower	Upper
93	100		
63	65.6	71.6	107.4#
95	0.0	24.0	36.0#



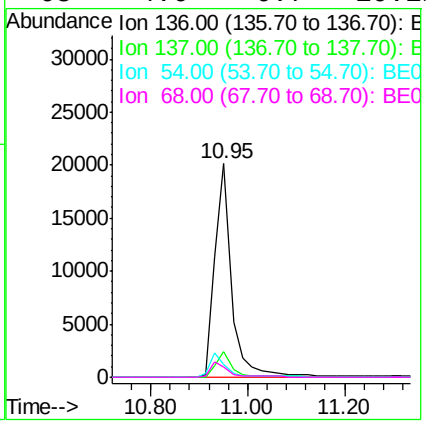


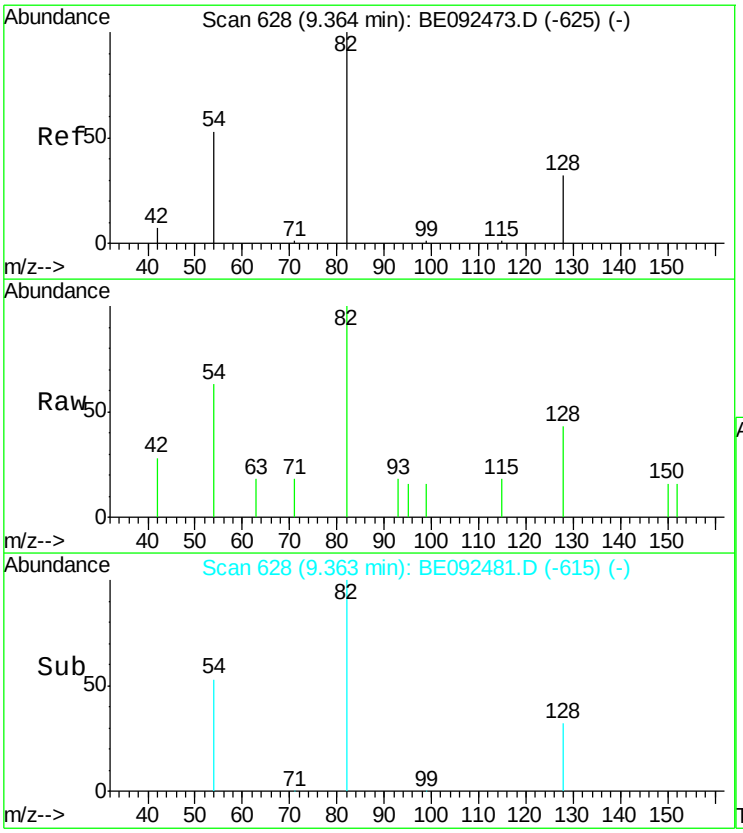
#7
Naphthalene-d8
Concen: 5.00 ng
RT: 10.95 min Scan# 708
Delta R.T. -0.00 min
Lab File: BE092481.D
Acq: 31 Oct 2016 14:52

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:136 Resp: 48069

Ion	Ratio	Lower	Upper
136	100		
137	11.9	8.2	12.4
54	6.3	9.6	14.4#
68	4.6	6.7	10.1#

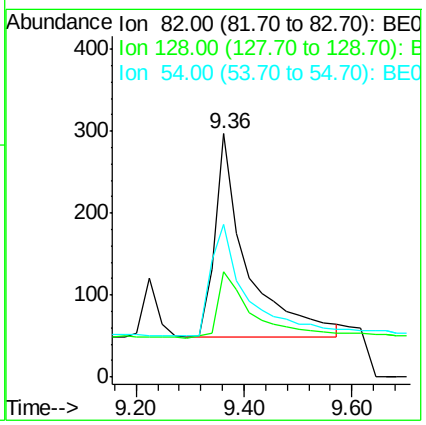


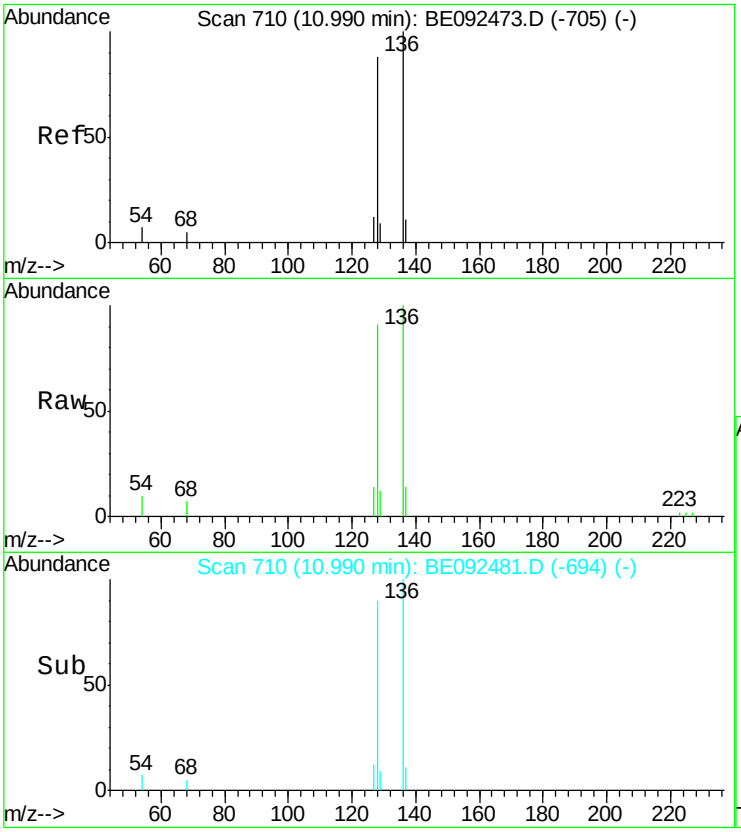


#8
Nitrobenzene-d5
Concen: 0.47 ng
RT: 9.36 min Scan# 628
Delta R.T. -0.00 min
Lab File: BE092481.D
Acq: 31 Oct 2016 14:52

Tgt Ion: 82 Resp: 1019

Ion	Ratio	Lower	Upper
82	100		
128	43.1	39.0	58.4
54	62.6	44.8	67.2



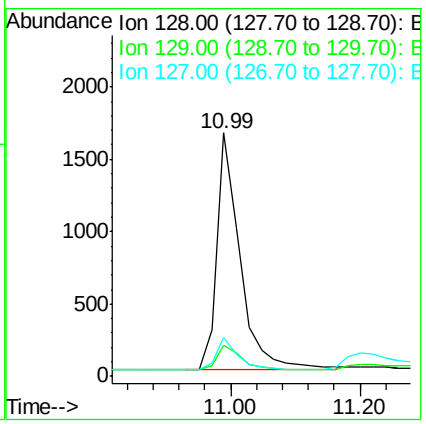


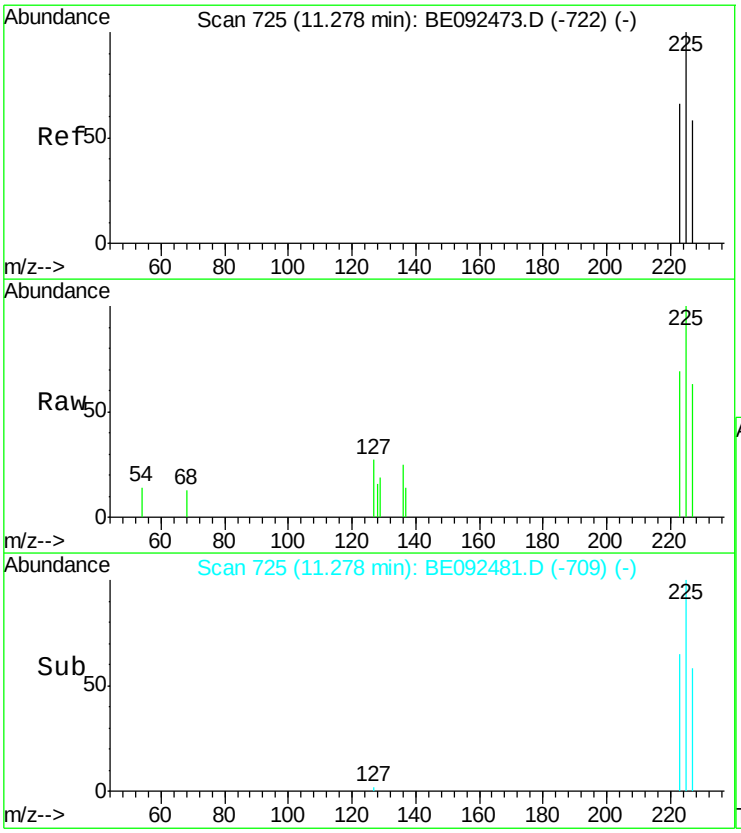
#9
Naphthalene
Concen: 0.39 ng
RT: 10.99 min Scan# 710
Delta R.T. -0.00 min
Lab File: BE092481.D
Acq: 31 Oct 2016 14:52

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:128 Resp: 4047

Ion	Ratio	Lower	Upper
128	100		
129	13.0	11.2	16.8
127	15.8	11.6	17.4

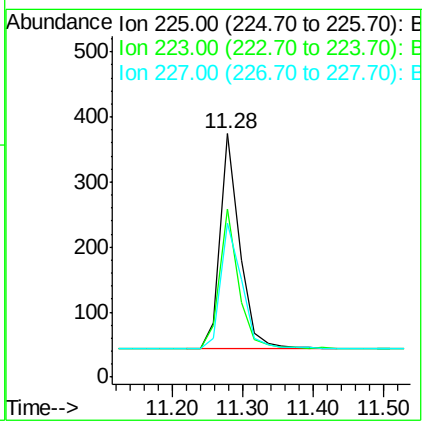


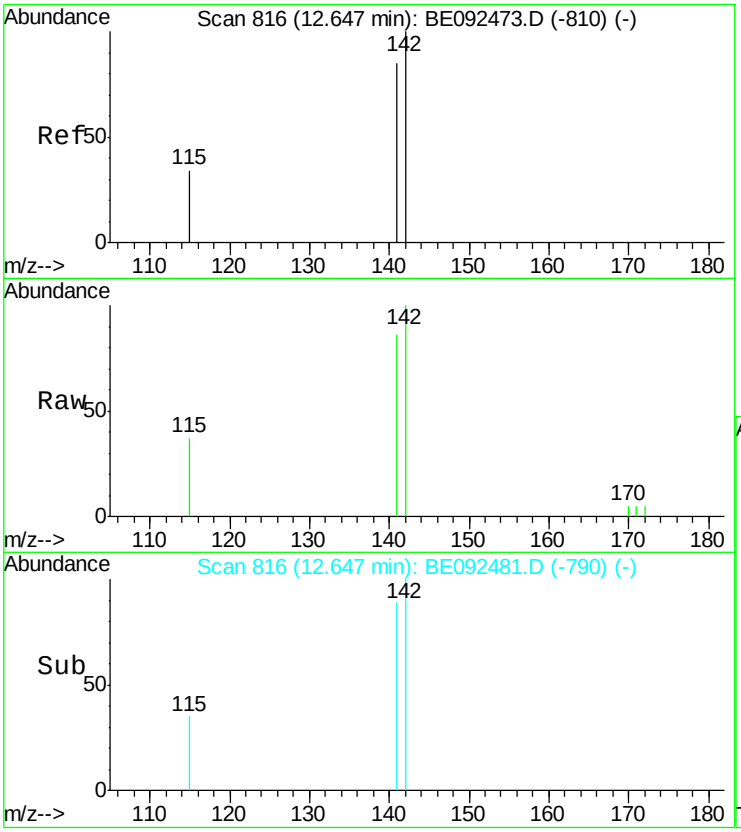


#10
Hexachlorobutadiene
Concen: 0.40 ng
RT: 11.28 min Scan# 725
Delta R.T. -0.00 min
Lab File: BE092481.D
Acq: 31 Oct 2016 14:52

Tgt Ion:225 Resp: 633

Ion	Ratio	Lower	Upper
225	100		
223	64.3	50.6	76.0
227	62.9	51.4	77.0



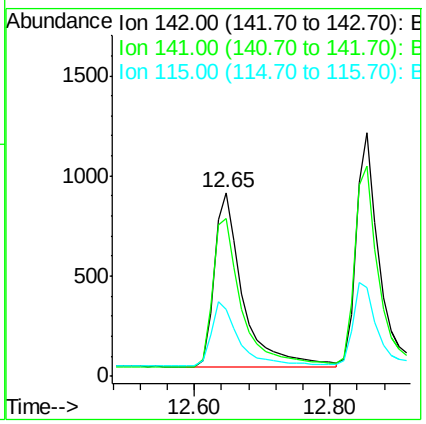


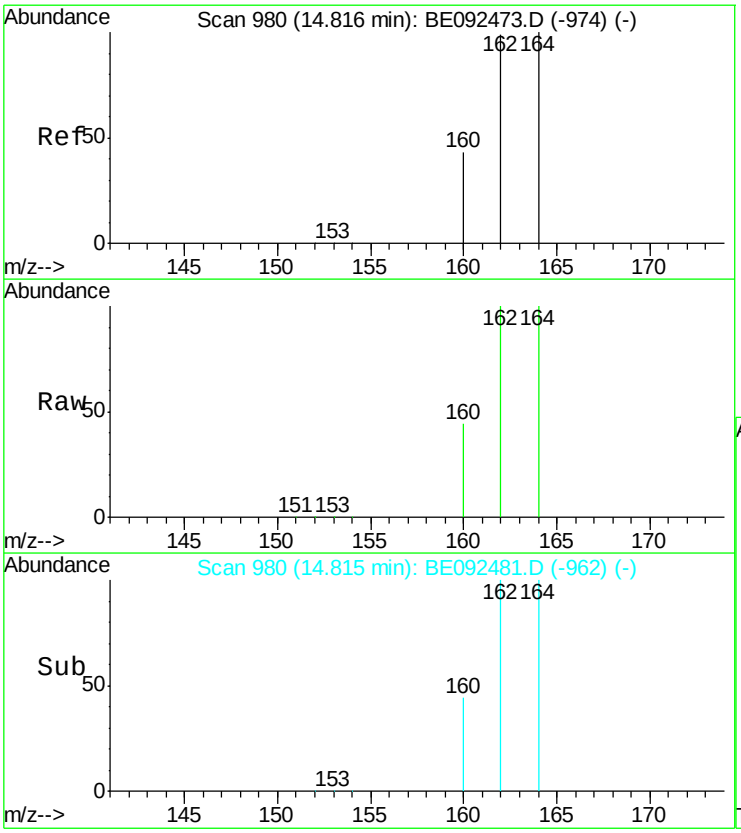
#11
2-Methylnaphthalene
Concen: 0.38 ng
RT: 12.65 min Scan# 816
Delta R.T. -0.00 min
Lab File: BE092481.D
Acq: 31 Oct 2016 14:52

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:142 Resp: 2544

Ion	Ratio	Lower	Upper
142	100		
141	85.9	73.7	110.5
115	36.8	34.0	51.0

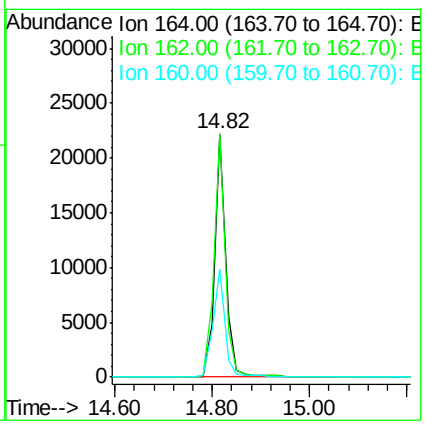


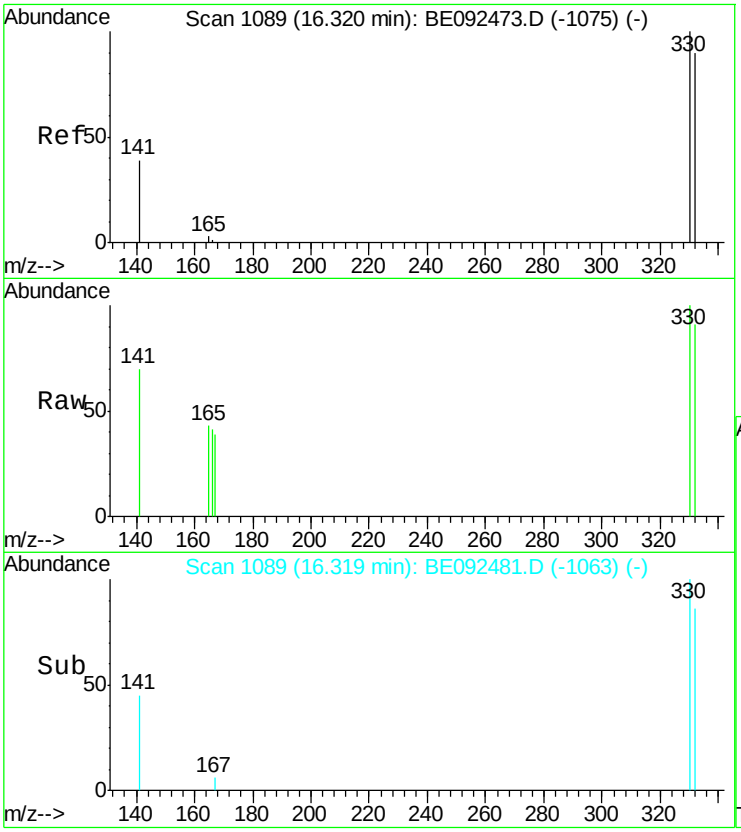


#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.82 min Scan# 980
Delta R.T. -0.00 min
Lab File: BE092481.D
Acq: 31 Oct 2016 14:52

Tgt Ion:164 Resp: 34510

Ion	Ratio	Lower	Upper
164	100		
162	100.3	71.4	107.0
160	44.2	27.4	41.2#



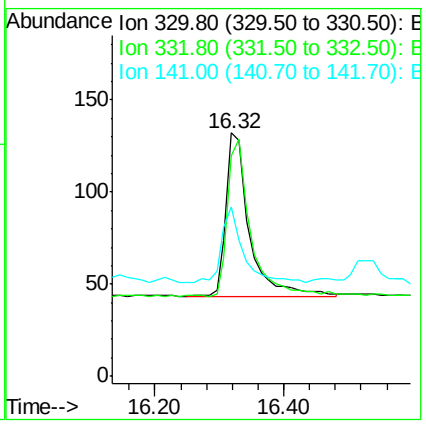


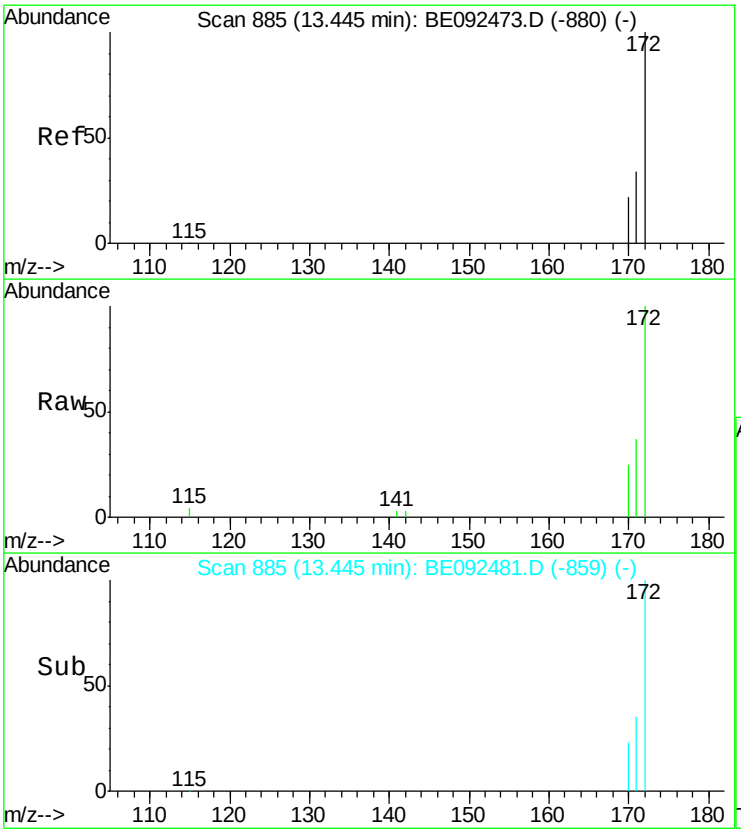
#13
2,4,6-Tribromophenol
Concen: 0.37 ng
RT: 16.32 min Scan# 1089
Delta R.T. -0.00 min
Lab File: BE092481.D
Acq: 31 Oct 2016 14:52

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:330 Resp: 229

Ion	Ratio	Lower	Upper
330	100		
332	97.4	75.4	113.0
141	40.2	31.0	46.6

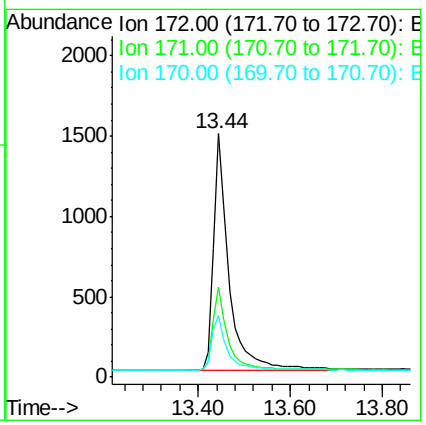


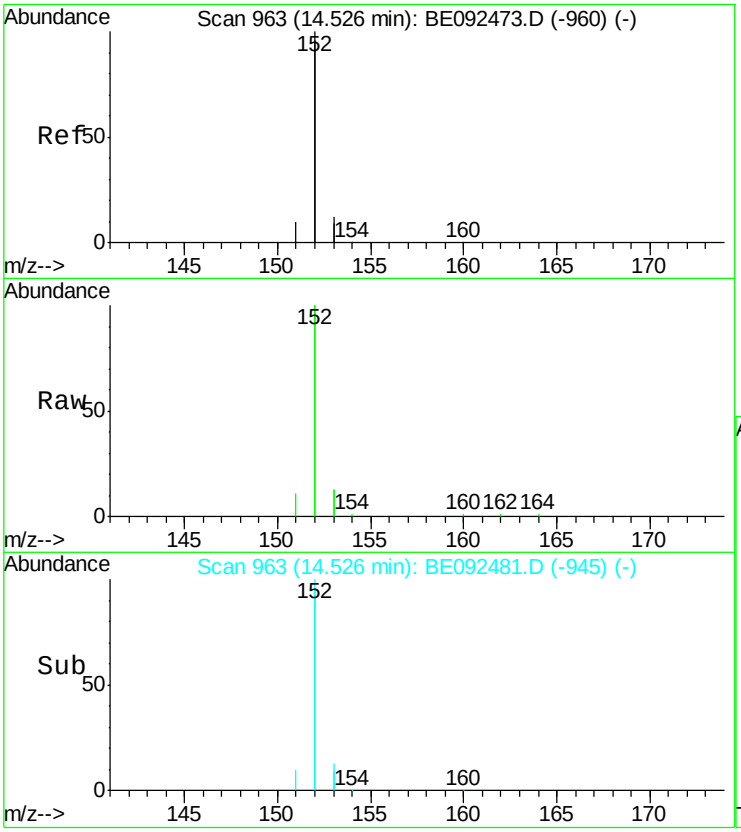


#14
2-Fluorobiphenyl
Concen: 0.41 ng
RT: 13.44 min Scan# 885
Delta R.T. -0.00 min
Lab File: BE092481.D
Acq: 31 Oct 2016 14:52

Tgt Ion:172 Resp: 3409

Ion	Ratio	Lower	Upper
172	100		
171	37.1	30.1	45.1
170	25.3	21.8	32.6



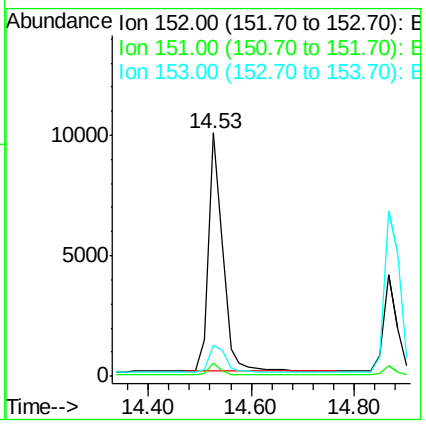


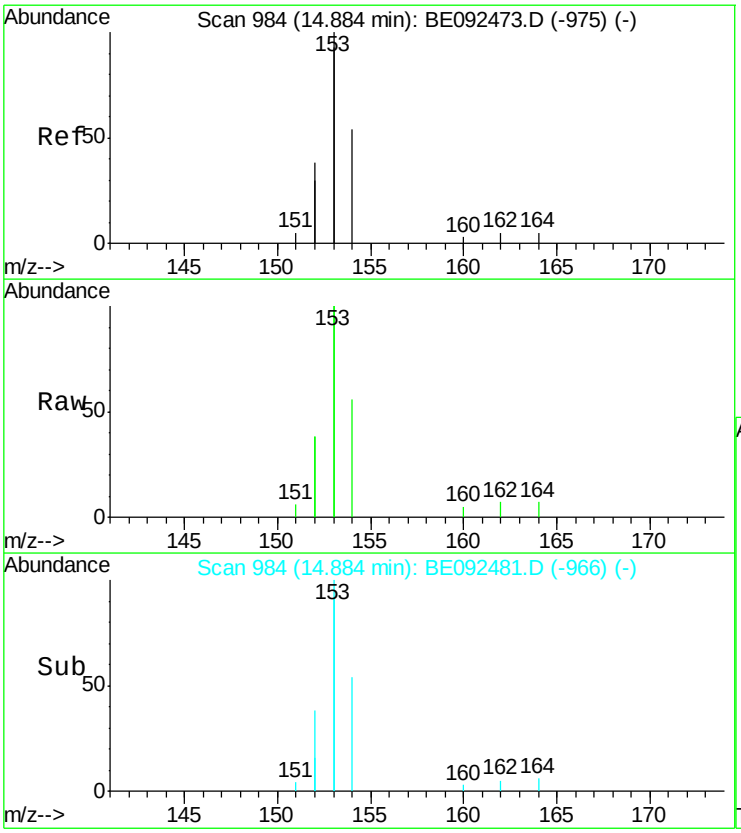
#15
Acenaphthylene
Concen: 0.38 ng
RT: 14.53 min Scan# 963
Delta R.T. -0.00 min
Lab File: BE092481.D
Acq: 31 Oct 2016 14:52

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:152 Resp: 18876

Ion	Ratio	Lower	Upper
152	100		
151	4.9	3.9	5.9
153	13.0	10.4	15.6

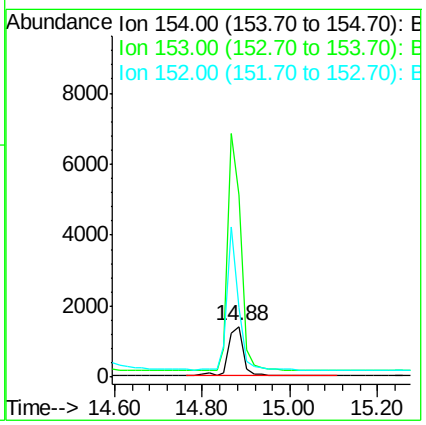


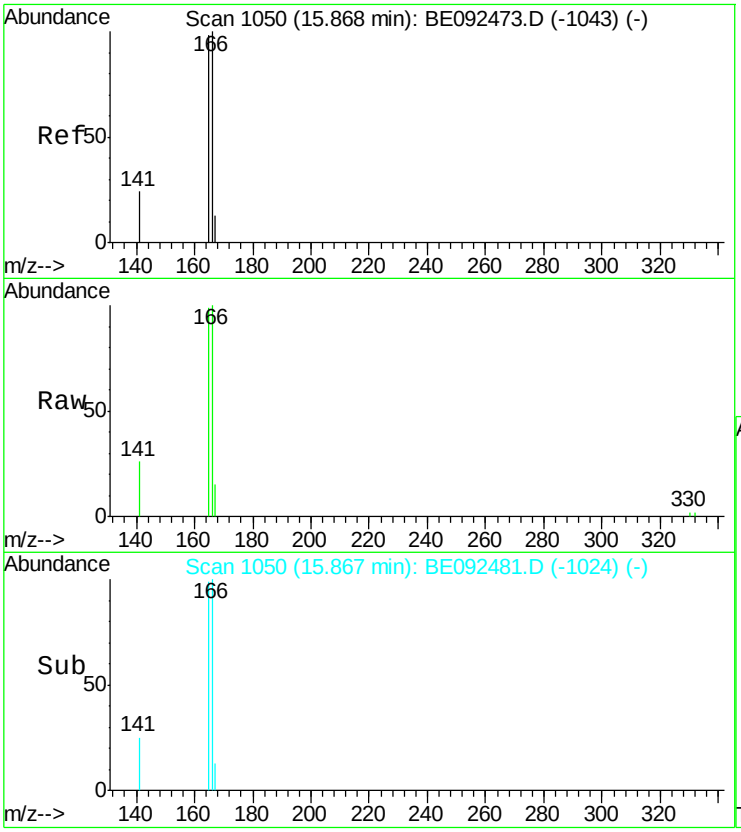


#16
Acenaphthene
Concen: 0.40 ng
RT: 14.88 min Scan# 984
Delta R.T. -0.00 min
Lab File: BE092481.D
Acq: 31 Oct 2016 14:52

Tgt Ion:154 Resp: 3121

Ion	Ratio	Lower	Upper
154	100		
153	433.3	350.8	526.2
152	228.5	171.1	256.7



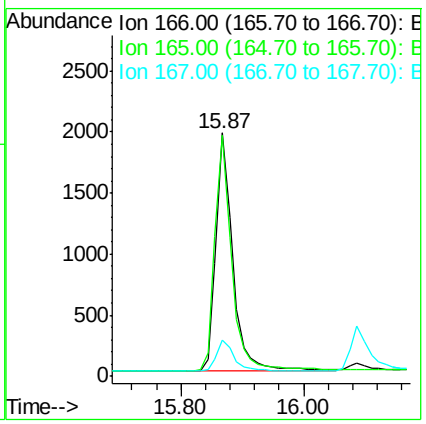


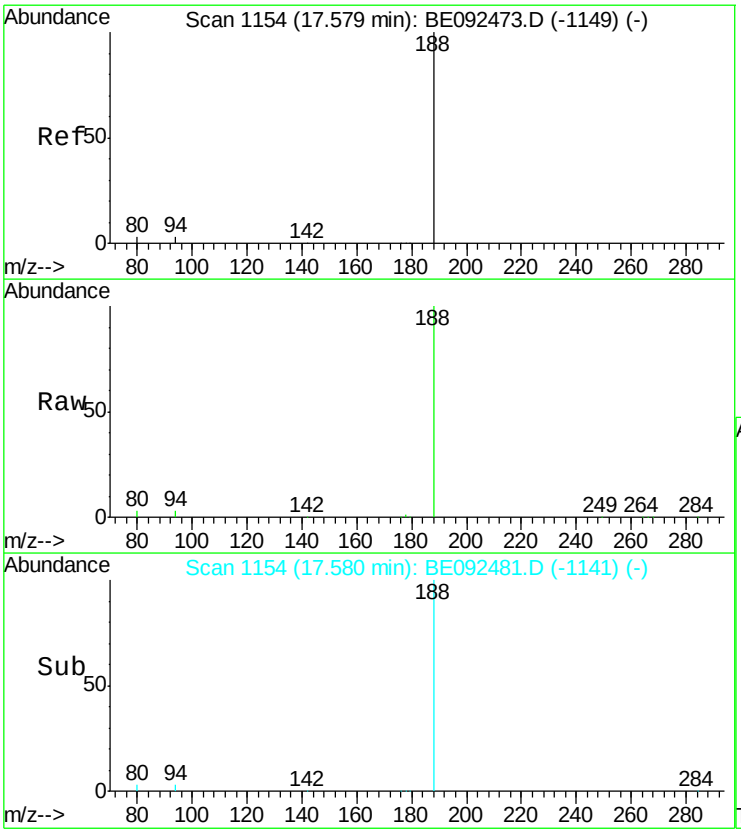
#17
Fluorene
Concen: 0.39 ng
RT: 15.87 min Scan# 1050
Delta R.T. -0.00 min
Lab File: BE092481.D
Acq: 31 Oct 2016 14:52

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:166 Resp: 3635

Ion	Ratio	Lower	Upper
166	100		
165	99.0	78.2	117.4
167	13.4	11.0	16.4

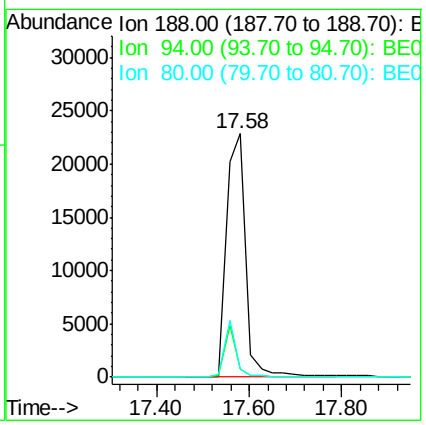


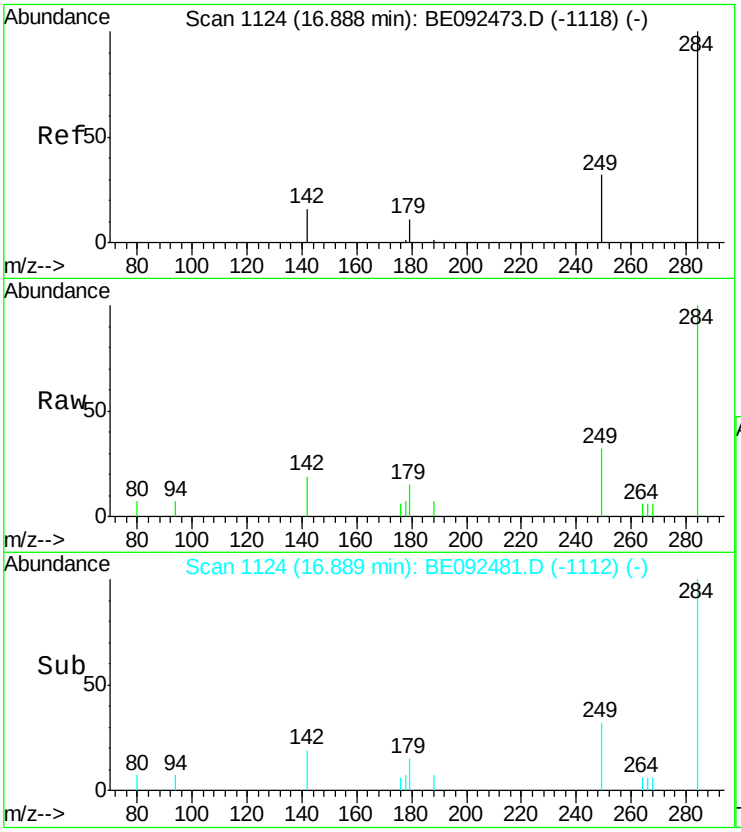


#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.58 min Scan# 1154
Delta R.T. 0.00 min
Lab File: BE092481.D
Acq: 31 Oct 2016 14:52

Tgt Ion:188 Resp: 65070

Ion	Ratio	Lower	Upper
188	100		
94	3.5	3.2	4.8
80	3.1	2.6	3.8



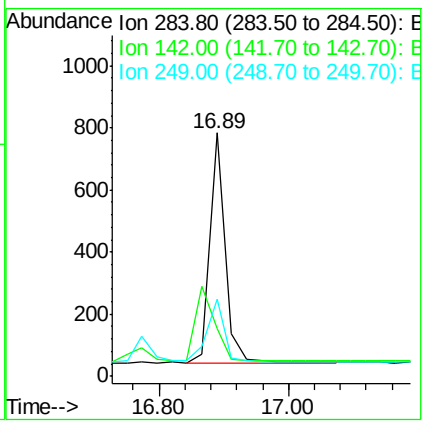


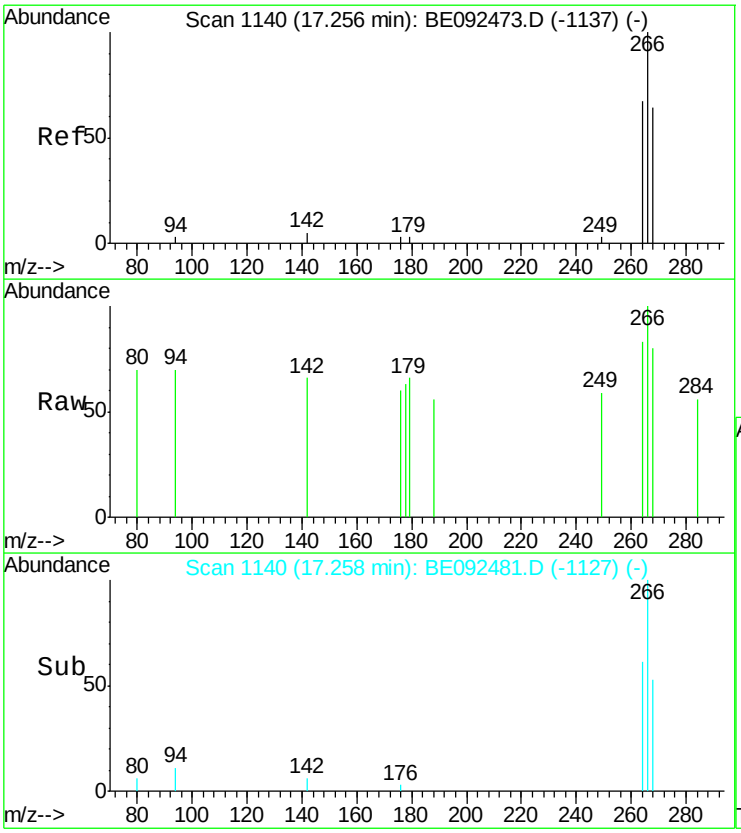
#19
Hexachlorobenzene
Concen: 0.42 ng
RT: 16.89 min Scan# 1124
Delta R.T. 0.00 min
Lab File: BE092481.D
Acq: 31 Oct 2016 14:52

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:284 Resp: 1222

Ion	Ratio	Lower	Upper
284	100		
142	0.0	29.1	43.7#
249	30.9	27.9	41.9

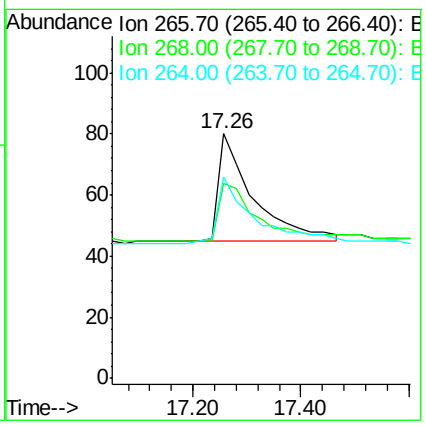


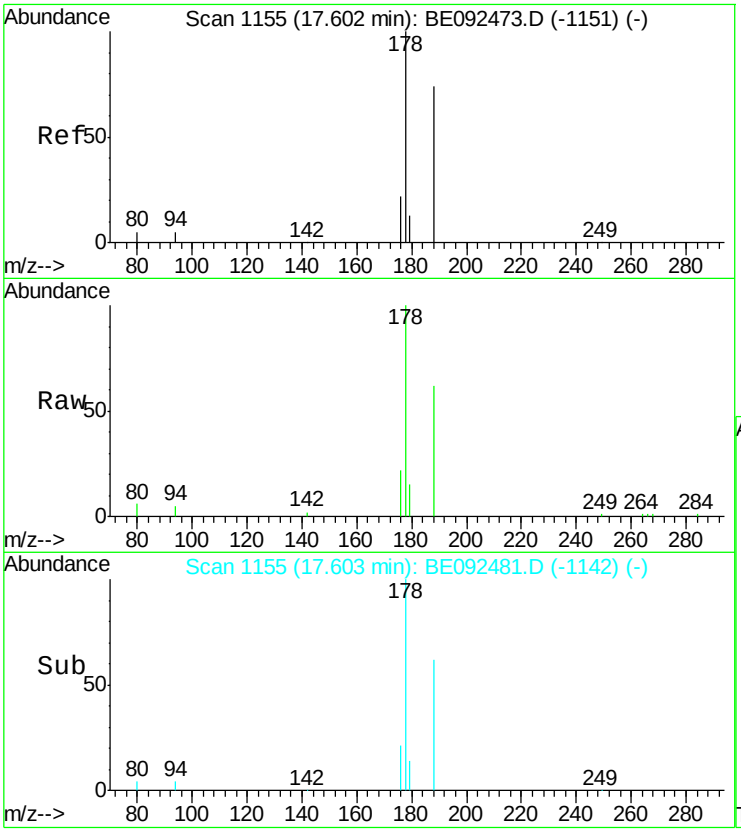


#20
Pentachlorophenol
Concen: 0.44 ng
RT: 17.26 min Scan# 1140
Delta R.T. 0.00 min
Lab File: BE092481.D
Acq: 31 Oct 2016 14:52

Tgt Ion:266 Resp: 156

Ion	Ratio	Lower	Upper
266	100		
268	80.0	62.5	93.7
264	82.5	57.2	85.8



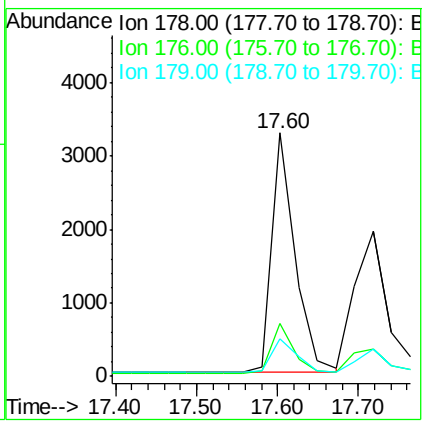


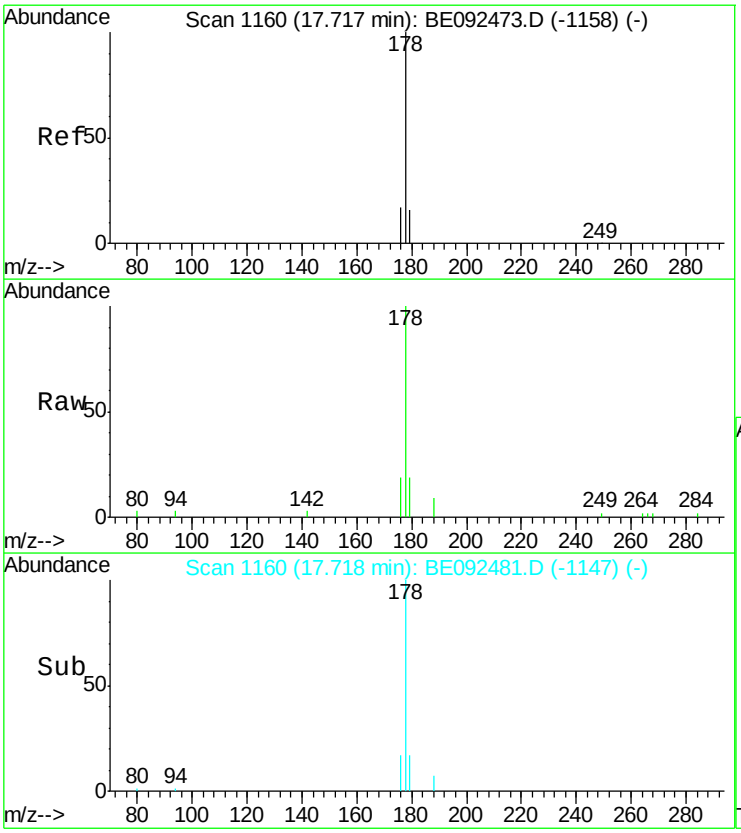
#21
Phenanthrene
Concen: 0.39 ng
RT: 17.60 min Scan# 1155
Delta R.T. 0.00 min
Lab File: BE092481.D
Acq: 31 Oct 2016 14:52

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:178 Resp: 6555

Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.8	23.8
179	16.0	16.0	24.0

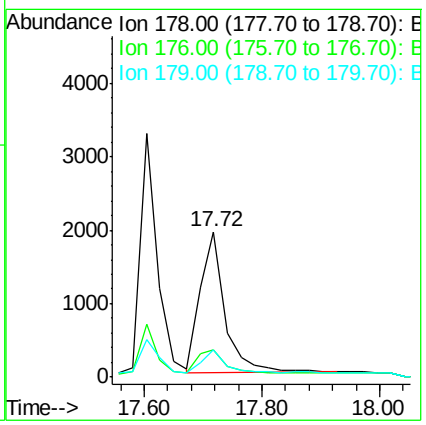


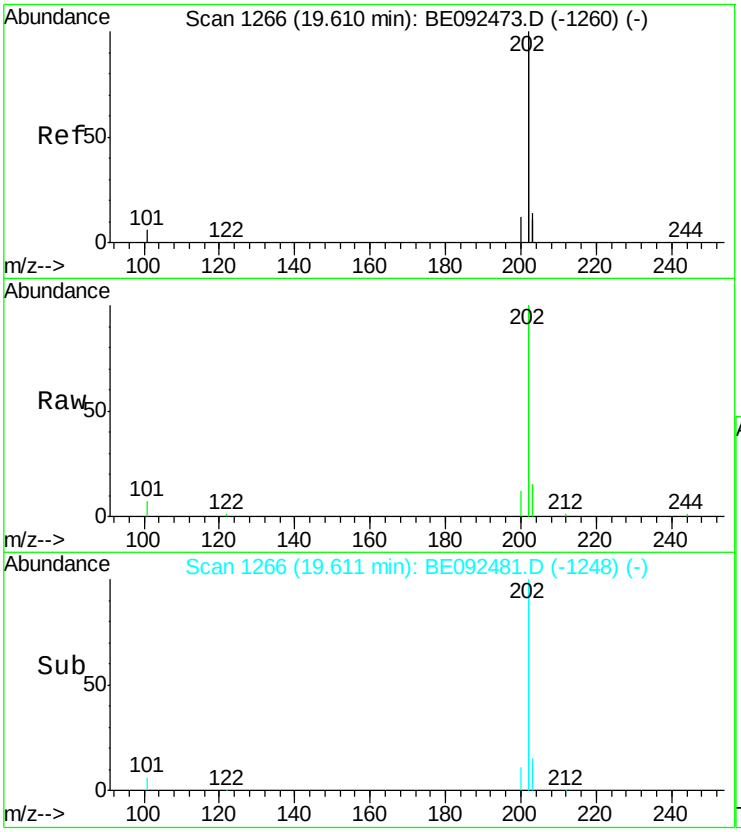


#22
Anthracene
Concen: 0.37 ng
RT: 17.72 min Scan# 1160
Delta R.T. 0.00 min
Lab File: BE092481.D
Acq: 31 Oct 2016 14:52

Tgt Ion:178 Resp: 5581

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.0	22.4
179	16.1	12.2	18.2



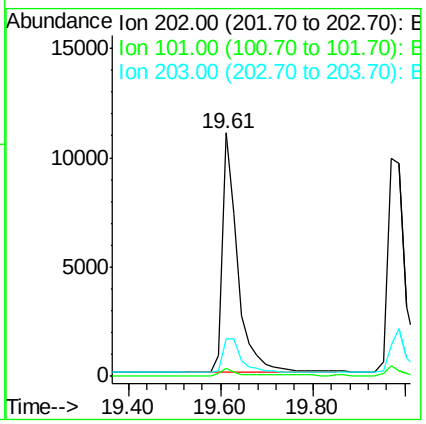


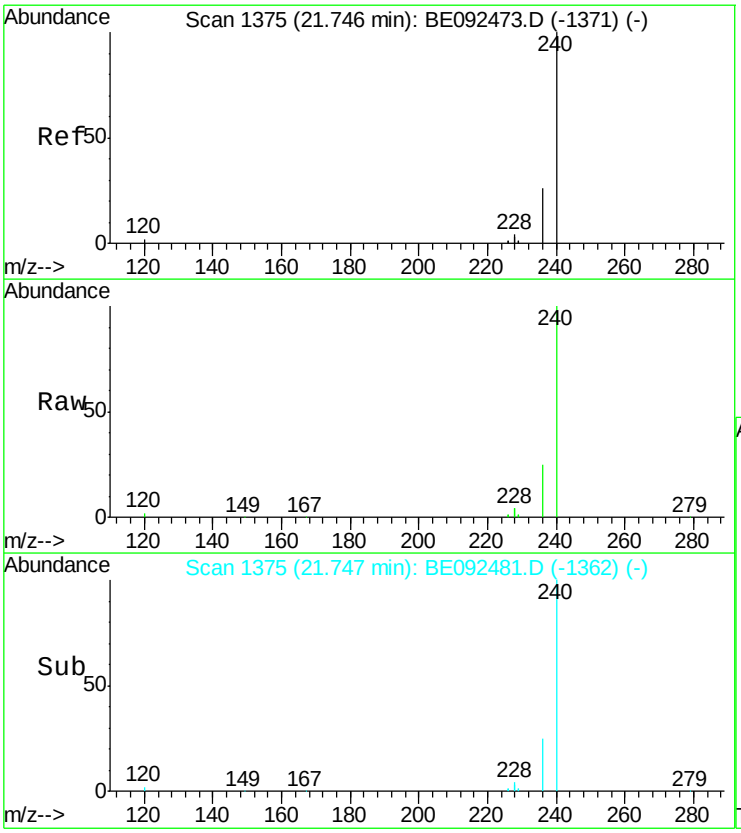
#23
Fluoranthene
Concen: 0.38 ng
RT: 19.61 min Scan# 1266
Delta R.T. 0.00 min
Lab File: BE092481.D
Acq: 31 Oct 2016 14:52

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:202 Resp: 25601

Ion	Ratio	Lower	Upper
202	100		
101	2.9	2.2	3.4
203	17.4	13.7	20.5

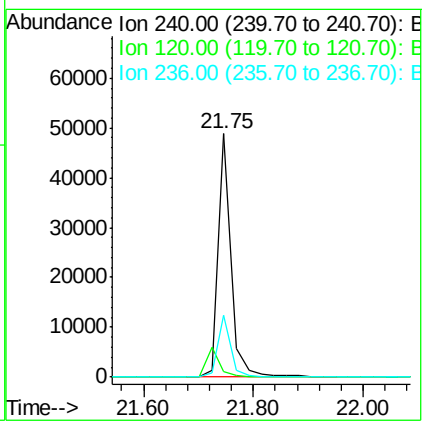


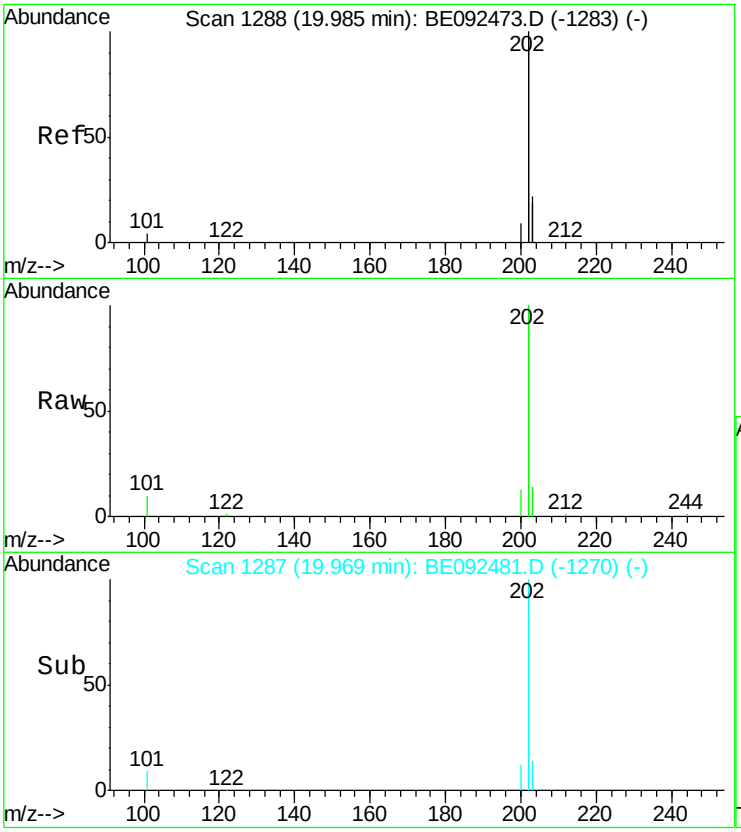


#24
Chrysene-d12
Concen: 5.00 ng
RT: 21.75 min Scan# 1375
Delta R.T. 0.00 min
Lab File: BE092481.D
Acq: 31 Oct 2016 14:52

Tgt Ion:240 Resp: 80473

Ion	Ratio	Lower	Upper
240	100		
120	2.3	2.6	4.0#
236	25.4	24.6	37.0



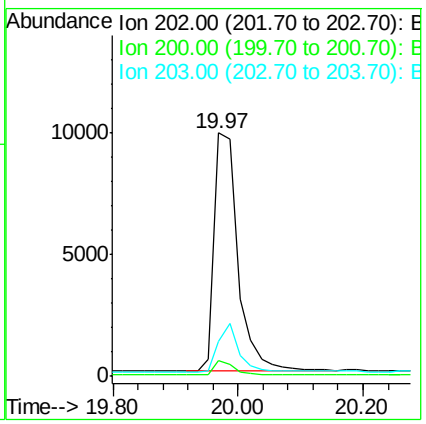


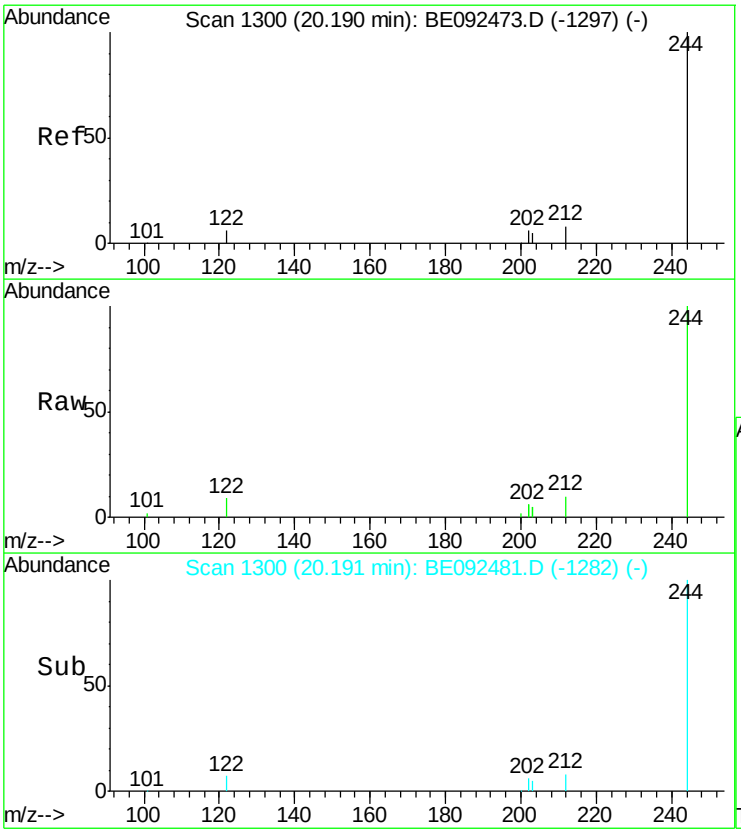
#25
Pyrene
Concen: 0.37 ng
RT: 19.97 min Scan# 1287
Delta R.T. -0.02 min
Lab File: BE092481.D
Acq: 31 Oct 2016 14:52

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:202 Resp: 25849

Ion	Ratio	Lower	Upper
202	100		
200	5.4	4.2	6.4
203	17.7	13.9	20.9

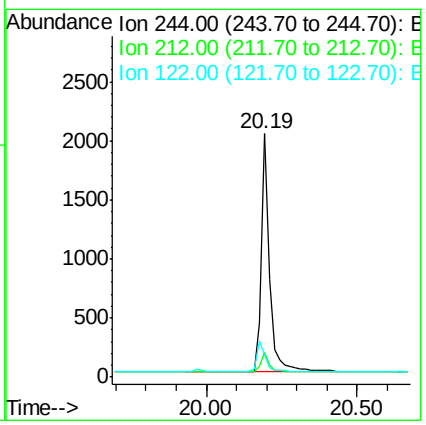


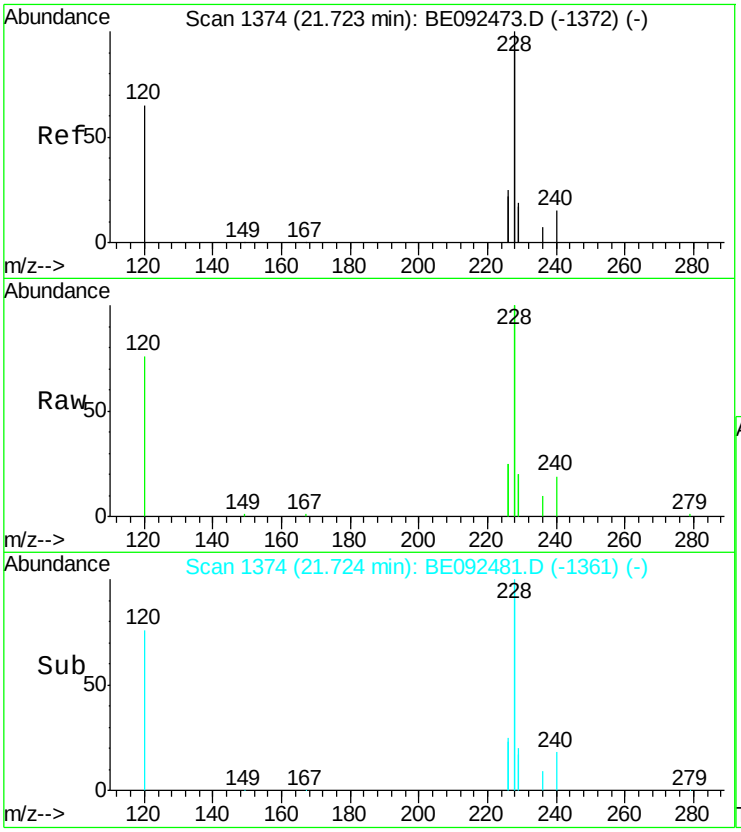


#26
Terphenyl-d14
Concen: 0.39 ng
RT: 20.19 min Scan# 1300
Delta R.T. 0.00 min
Lab File: BE092481.D
Acq: 31 Oct 2016 14:52

Tgt Ion:244 Resp: 3845

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



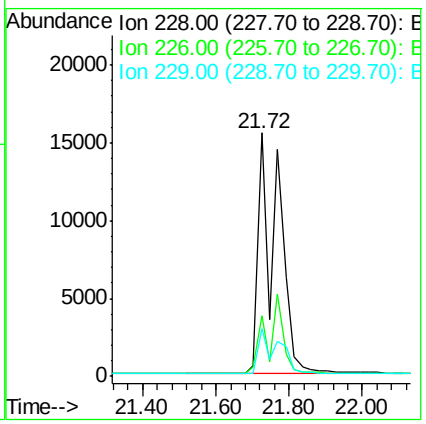


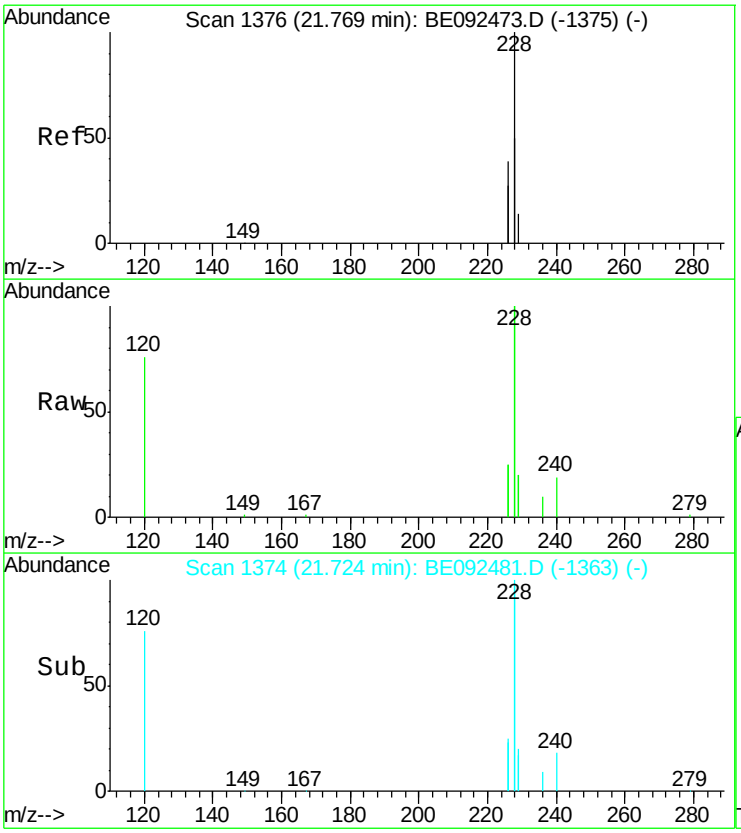
#27
Benzo(a)anthracene
Concen: 0.77 ng
RT: 21.72 min Scan# 1374
Delta R.T. 0.00 min
Lab File: BE092481.D
Acq: 31 Oct 2016 14:52

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:228 Resp: 57519

Ion	Ratio	Lower	Upper
228	100		
226	24.8	23.6	35.4
229	19.6	13.3	19.9

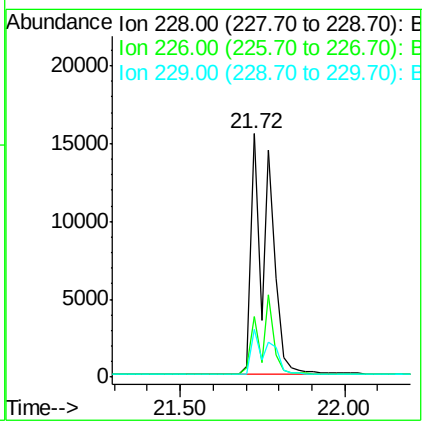


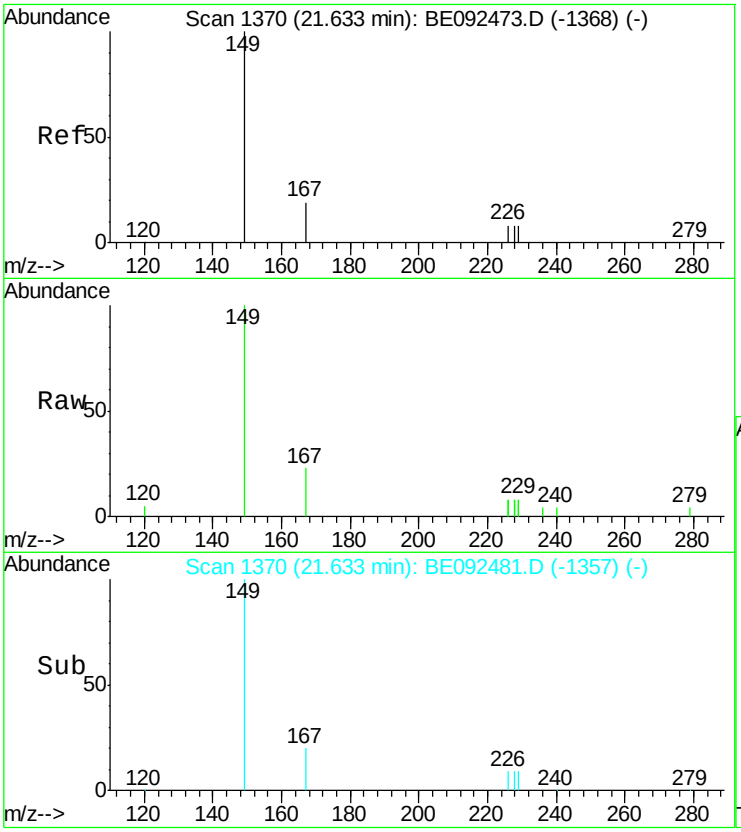


#28
Chrysene
Concen: 0.74 ng
RT: 21.72 min Scan# 1374
Delta R.T. -0.04 min
Lab File: BE092481.D
Acq: 31 Oct 2016 14:52

Tgt Ion:228 Resp: 57780

Ion	Ratio	Lower	Upper
228	100		
226	24.8	36.3	54.5#
229	19.6	10.6	16.0#



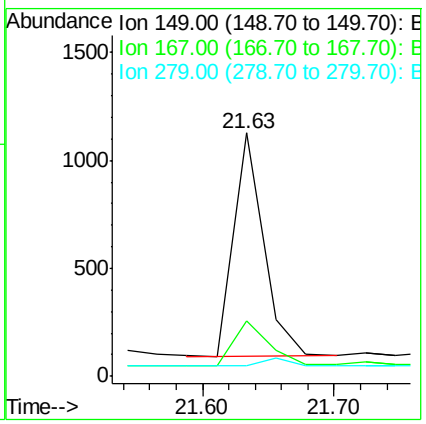


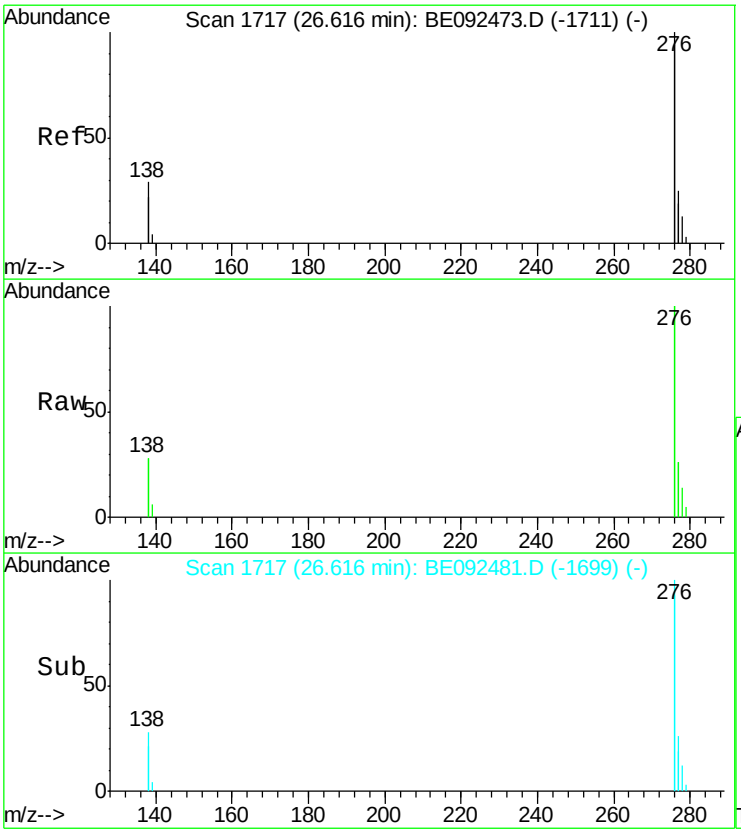
#29
Bis(2-ethylhexyl)phthalate
Concen: 0.40 ng
RT: 21.63 min Scan# 1370
Delta R.T. 0.00 min
Lab File: BE092481.D
Acq: 31 Oct 2016 14:52

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:149 Resp: 1655

Ion	Ratio	Lower	Upper
149	100		
167	23.9	16.0	24.0
279	0.0	16.0	24.0#

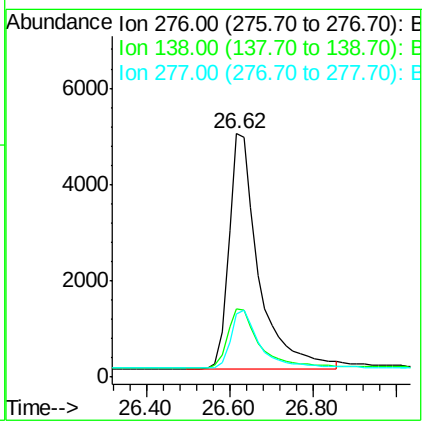


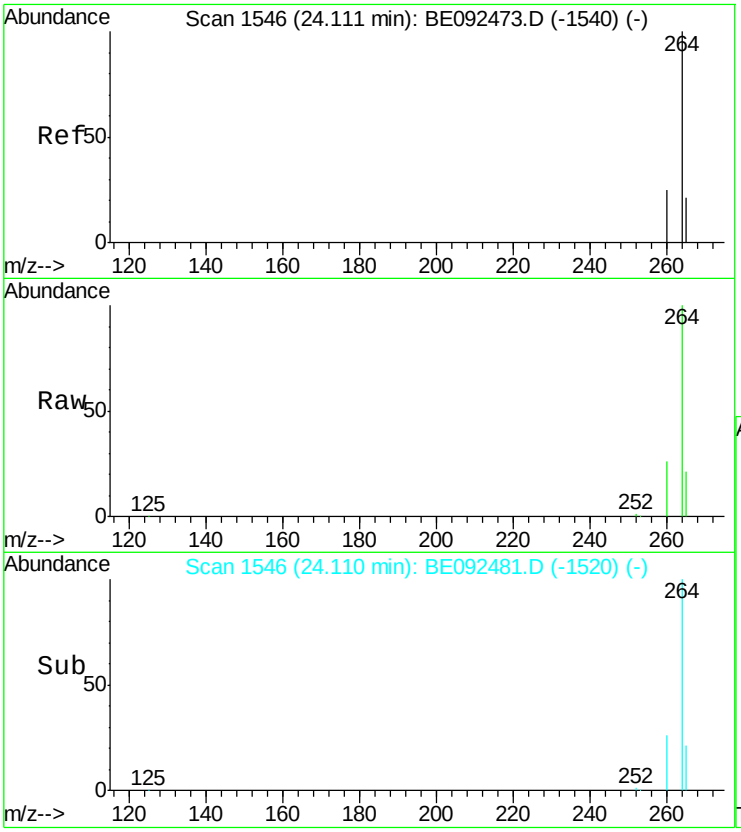


#30
Indeno(1,2,3-cd)pyrene
Concen: 0.35 ng
RT: 26.62 min Scan# 1717
Delta R.T. -0.00 min
Lab File: BE092481.D
Acq: 31 Oct 2016 14:52

Tgt Ion:276 Resp: 24066

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



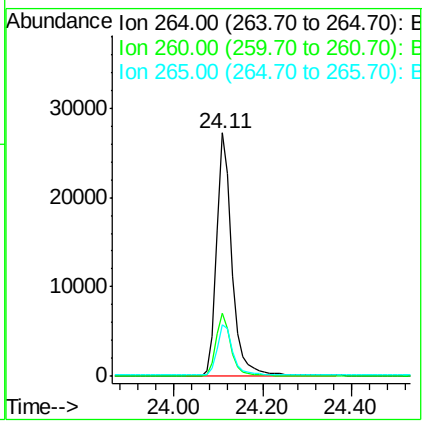


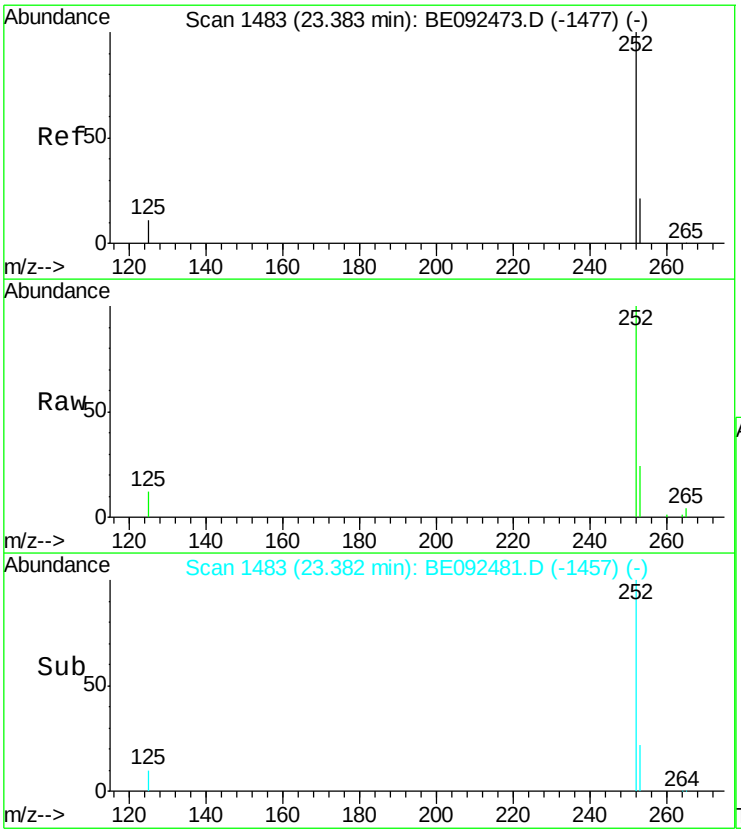
#31
Perylene-d12
Concen: 5.00 ng
RT: 24.11 min Scan# 1546
Delta R.T. -0.00 min
Lab File: BE092481.D
Acq: 31 Oct 2016 14:52

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:264 Resp: 65599

Ion	Ratio	Lower	Upper
264	100		
260	25.7	20.1	30.1
265	21.3	17.9	26.9

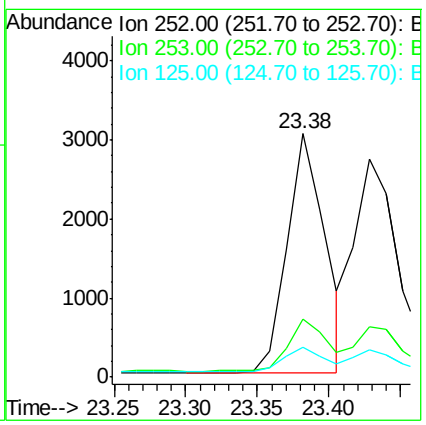


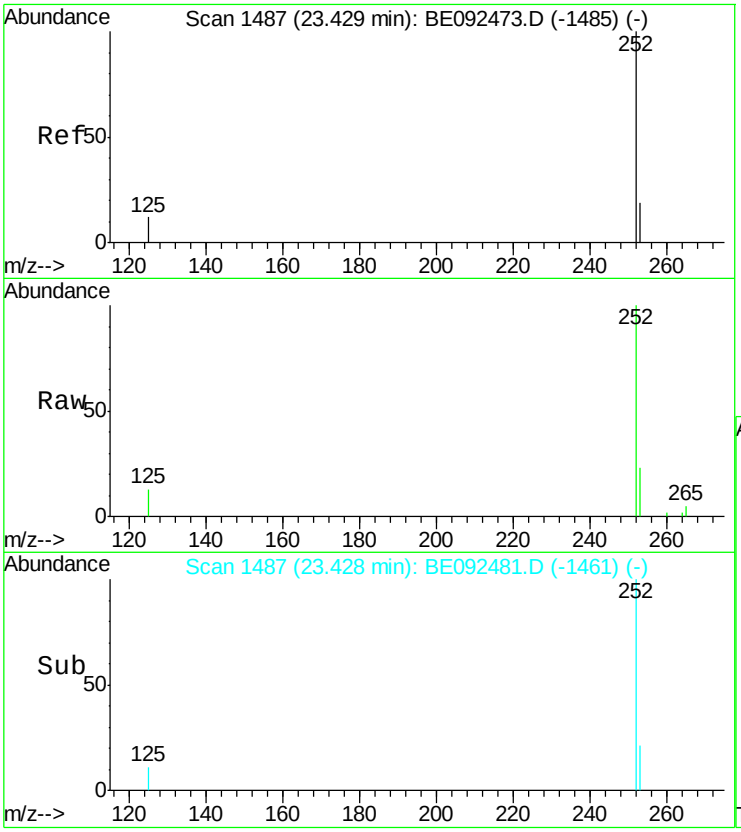


#32
Benzo(b)fluoranthene
Concen: 0.34 ng
RT: 23.38 min Scan# 1483
Delta R.T. -0.00 min
Lab File: BE092481.D
Acq: 31 Oct 2016 14:52

Tgt Ion:252 Resp: 5537

Ion	Ratio	Lower	Upper
252	100		
253	23.7	18.7	28.1
125	12.3	10.5	15.7



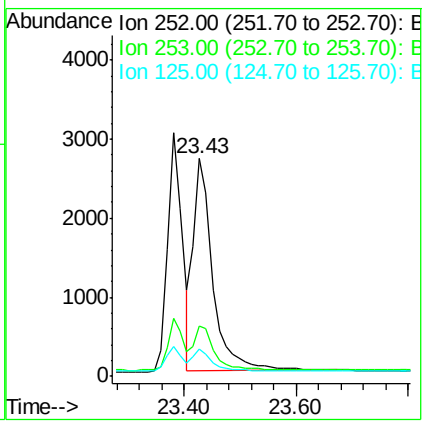


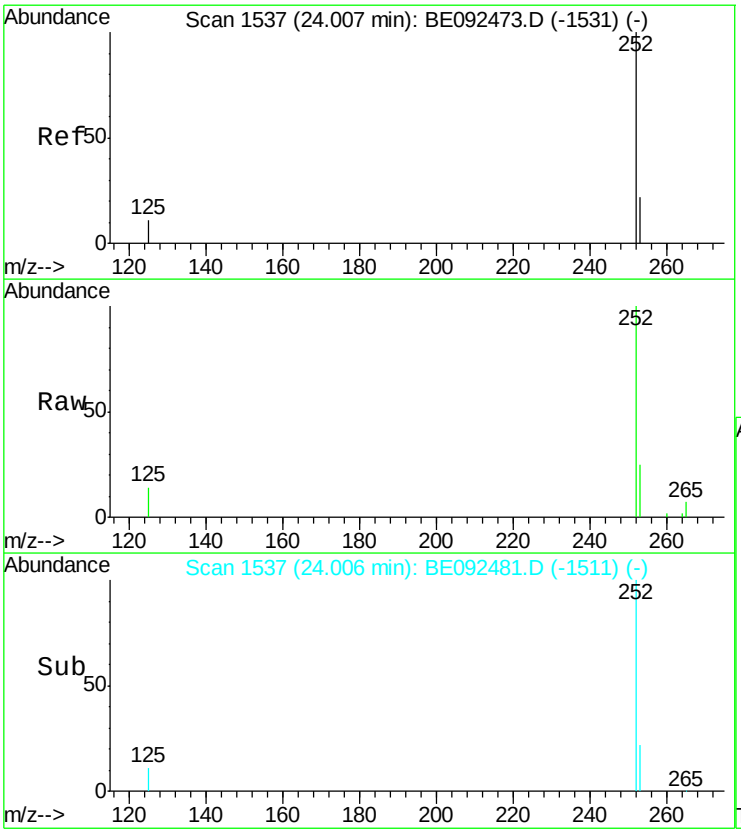
#33
Benzo(k)fluoranthene
Concen: 0.40 ng
RT: 23.43 min Scan# 1487
Delta R.T. -0.00 min
Lab File: BE092481.D
Acq: 31 Oct 2016 14:52

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:252 Resp: 6426

Ion	Ratio	Lower	Upper
252	100		
253	23.1	20.3	30.5
125	12.8	9.6	14.4

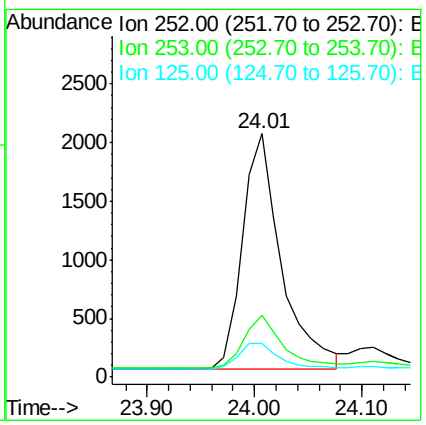


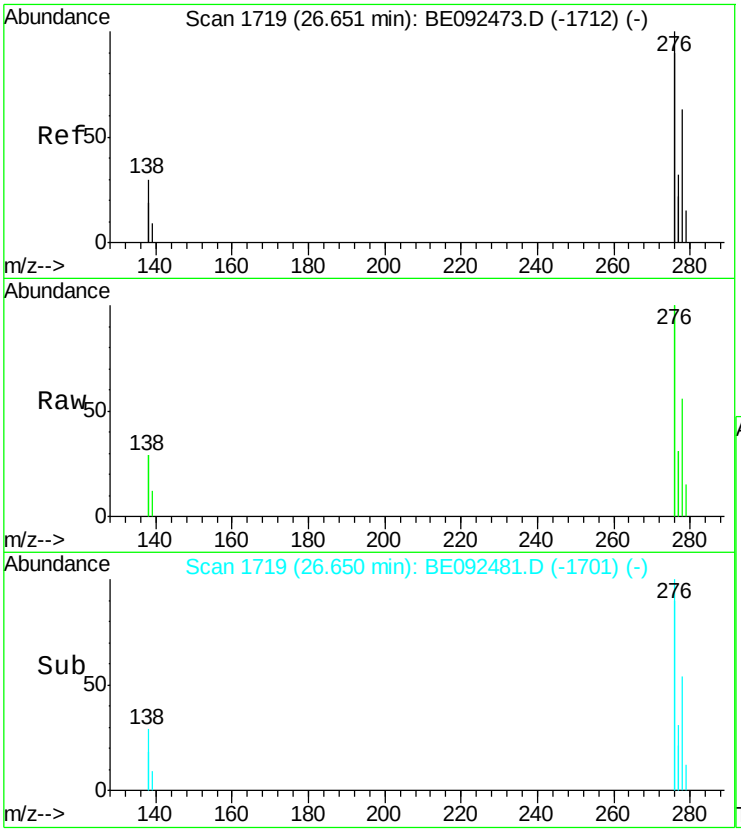


#34
Benzo(a)pyrene
Concen: 0.34 ng
RT: 24.01 min Scan# 1537
Delta R.T. -0.00 min
Lab File: BE092481.D
Acq: 31 Oct 2016 14:52

Tgt Ion:252 Resp: 5040

Ion	Ratio	Lower	Upper
252	100		
253	25.4	19.0	28.6
125	14.0	11.8	17.8



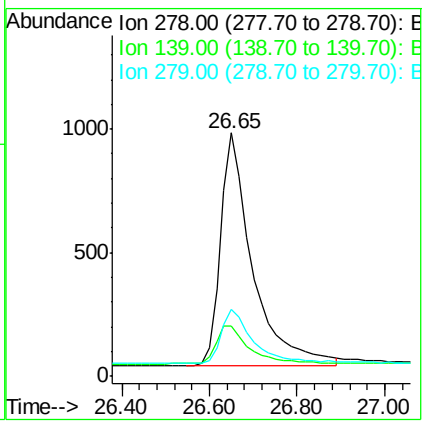


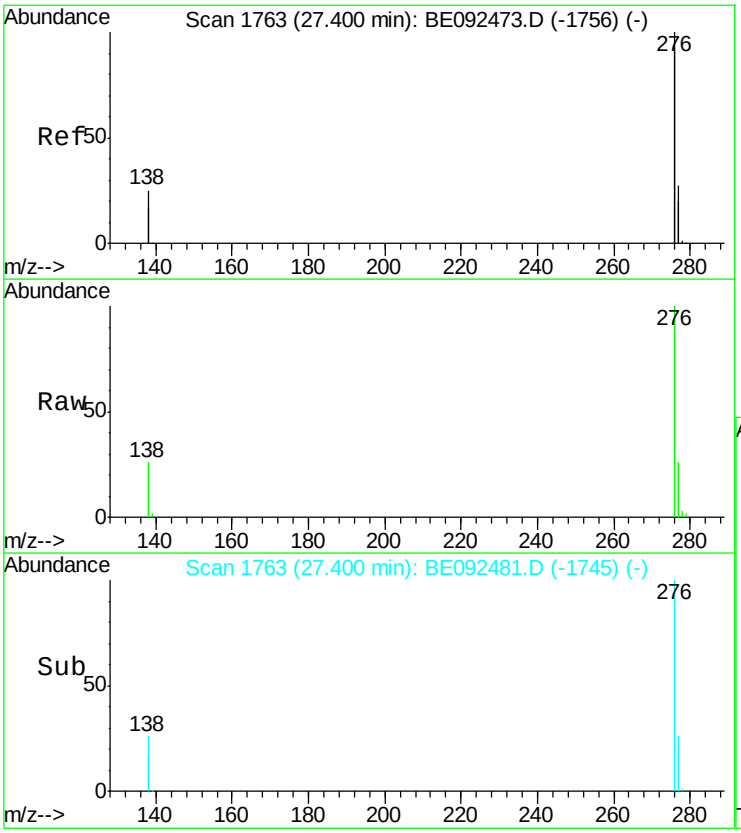
#35
Dibenzo(a,h)anthracene
Concen: 0.34 ng
RT: 26.65 min Scan# 1719
Delta R.T. -0.00 min
Lab File: BE092481.D
Acq: 31 Oct 2016 14:52

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:278 Resp: 4736

Ion	Ratio	Lower	Upper
278	100		
139	20.8	13.8	20.8#
279	27.4	21.4	32.2





#36
Benzo(g,h,i)perylene
Concen: 0.36 ng
RT: 27.40 min Scan# 1763
Delta R.T. -0.00 min
Lab File: BE092481.D
Acq: 31 Oct 2016 14:52

Tgt Ion:276 Resp: 21706

Ion	Ratio	Lower	Upper
276	100		
277	26.5	19.8	29.8
138	25.6	19.8	29.6