Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA E\DATA\BE090517\
Data File : BE093932.D
Acq On : 5 Sep 2017 11:58
Operator : SJ/JU
Sample : SSTDICC1.6
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDICC1.6

Quant Time: Sep 05 13:19:43 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE090517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 05 12:08:29 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	1885	0.40	ng		0.00
7) Naphthalene-d8	10.71	136	10067	0.40	ng		0.00
13) Acenaphthene-d10	14.53	164	5842	0.40	ng		0.00
19) Phenanthrene-d10	17.24	188	9857	0.40	ng		-0.03
27) Chrysene-d12	21.42	240	14156	0.40	ng		-0.01
34) Perylene-d12	23.94	264	11464	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.53	112	9930	1.71	ng		0.00
5) Phenol-d6	7.11	99	15189	1.71	ng		0.00
8) Nitrobenzene-d5	9.06	82	14193	1.69	ng		-0.02
11) 2-Methylnaphthalene-d10	12.29	152	26574	1.67	ng		0.00
14) 2,4,6-Tribromophenol	16.03	330	2496	1.59	ng		0.00
15) 2-Fluorobiphenyl	13.15	172	36548	1.57	ng		-0.01
25) Fluoranthene-d10	19.28	212	249317	2.19	ng		0.00
29) Terphenyl-d14	19.87	244	41342	1.61	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.42	88	3944	1.523	ng		94
3) n-Nitrosodimethylamine	3.74	42	5294	1.836	ng	#	97
6) bis(2-Chloroethyl)ether	7.34	93	12070	1.766	ng		93
9) Naphthalene	10.76	128	184519	1.610	ng		99
10) Hexachlorobutadiene	11.04	225	6590	1.628	ng		100
12) 2-Methylnaphthalene	12.36	142	31568	1.648	ng		100
16) Acenaphthylene	14.24	152	48571	1.680	ng		99
17) Acenaphthene	14.58	154	31430	1.612	ng		98
18) Fluorene	15.56	166	40160	1.592	ng		100
20) 4-Bromophenyl-phenylether	16.45	248	6632	1.625	ng	#	75
21) Hexachlorobenzene	16.58	284	8492	2.388	ng	#	100
22) Pentachlorophenol	16.94	266	2279	1.475	ng		93
23) Phenanthrene	17.30	178	40668	1.623	ng	#	98
24) Anthracene	17.37	178	50090	1.676	ng	#	99
26) Fluoranthene	19.31	202	74587	2.173	ng		100
28) Pyrene	19.67	202	76619	1.609	ng		100
30) Benzo(a)anthracene	21.40	228	68767	1.636	ng		99
31) Chrysene	21.46	228	73625	1.576	ng		97
32) Bis(2-ethylhexyl)phthalate	21.30	149	153524	1.732	ng		100
33) Indeno(1,2,3-cd)pyrene	26.60	276	49225	1.544	ng		99
35) Benzo(b)fluoranthene	23.16	252	61182	1.672	ng		97
36) Benzo(k)fluoranthene	23.21	252	71937	1.720	ng		99
37) Benzo(a)pyrene	23.82	252	60145	1.656	ng		96
38) Dibenzo(a,h)anthracene	26.62	278	41837	1.632	ng		96
39) Benzo(g,h,i)perylene	27.42	276	42274	1.513	ng		96

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

Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA E\DATA\BE090517\
Data File : BE093932.D
Acq On : 5 Sep 2017 11:58
Operator : SJ/JU
Sample : SSTDICC1.6
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Quant Time: Sep 05 13:19:43 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE090517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 05 12:08:29 2017
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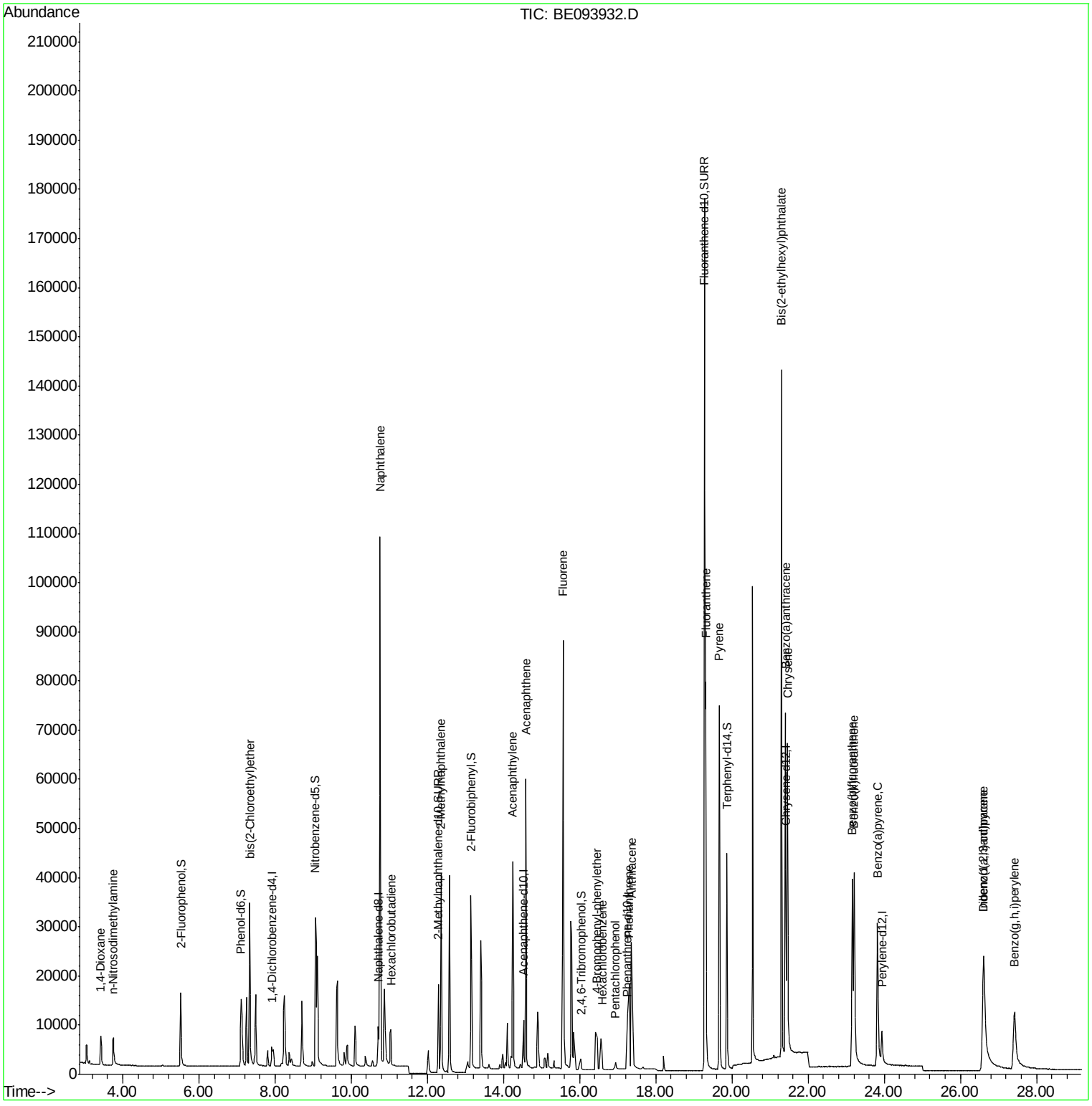
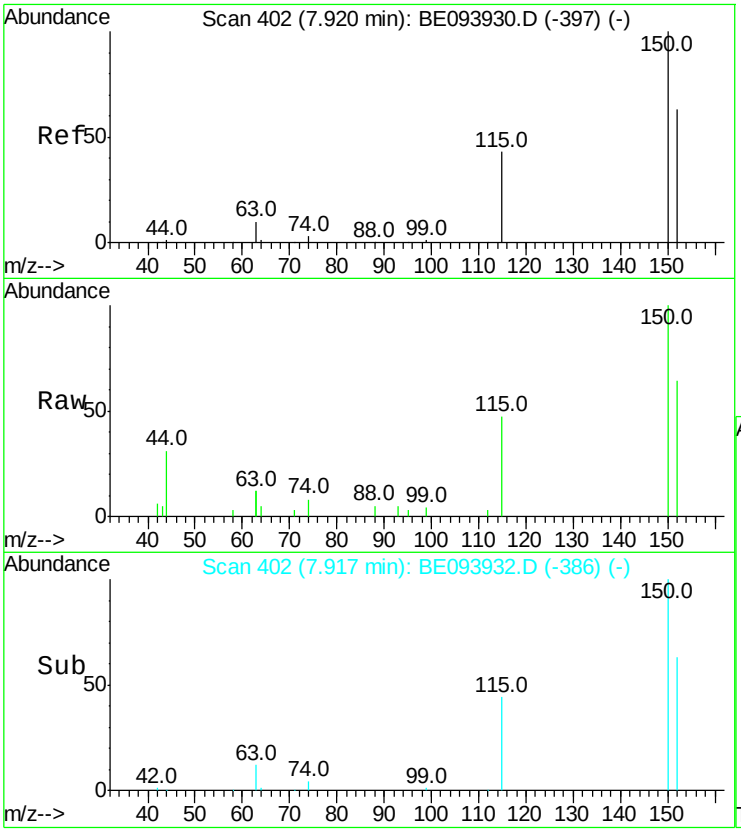


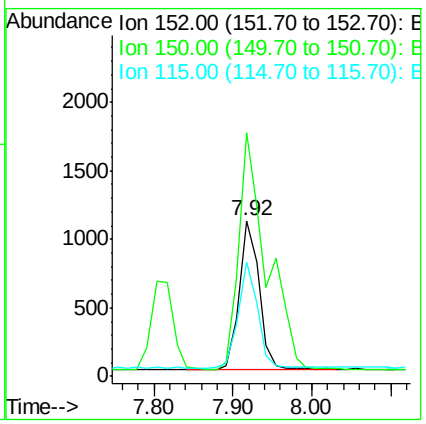


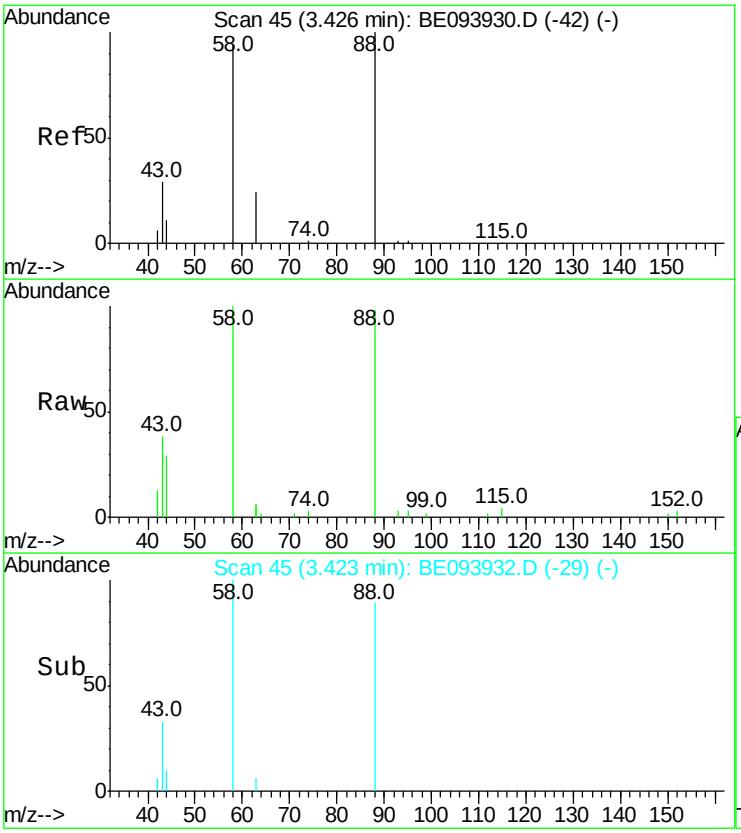
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.92 min Scan# 402
Delta R.T. -0.00 min
Lab File: BE093932.D
Acq: 5 Sep 2017 11:58

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:152 Resp: 1885

Ion	Ratio	Lower	Upper
152	100		
150	156.3	121.8	182.6
115	73.3	52.6	79.0

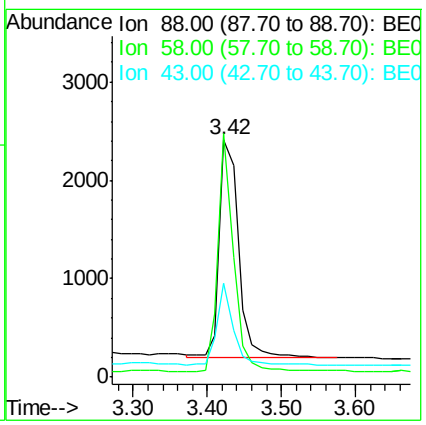


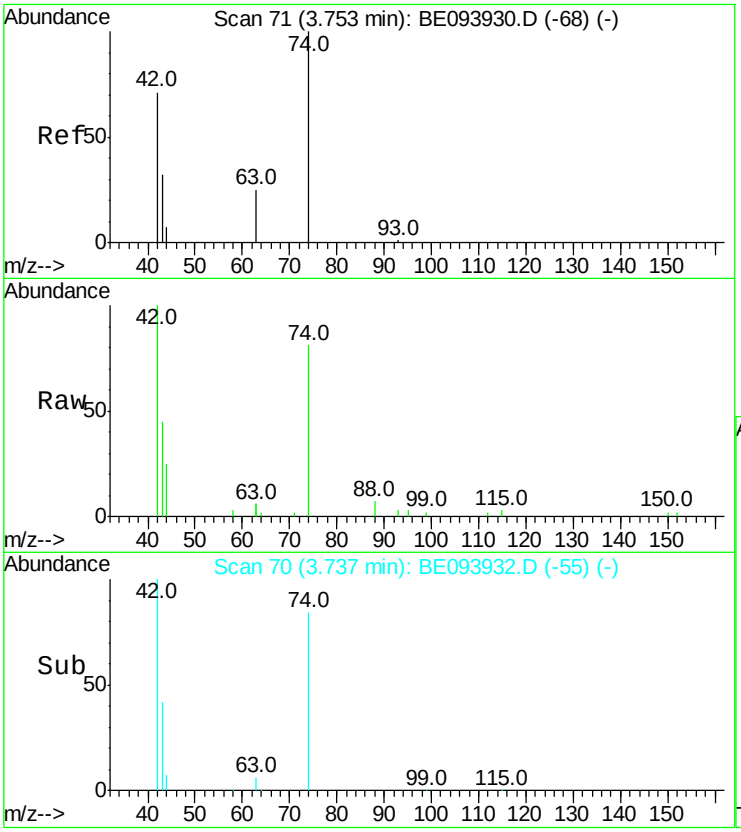


#2
1,4-Dioxane
Concen: 1.523 ng
RT: 3.42 min Scan# 45
Delta R.T. -0.00 min
Lab File: BE093932.D
Acq: 5 Sep 2017 11:58

Tgt Ion: 88 Resp: 3944

Ion	Ratio	Lower	Upper
88	100		
58	88.1	65.4	98.0
43	32.1	23.9	35.9



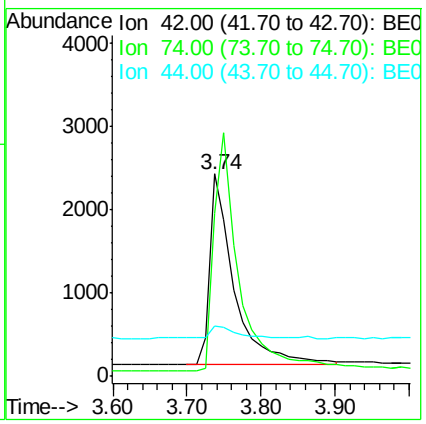


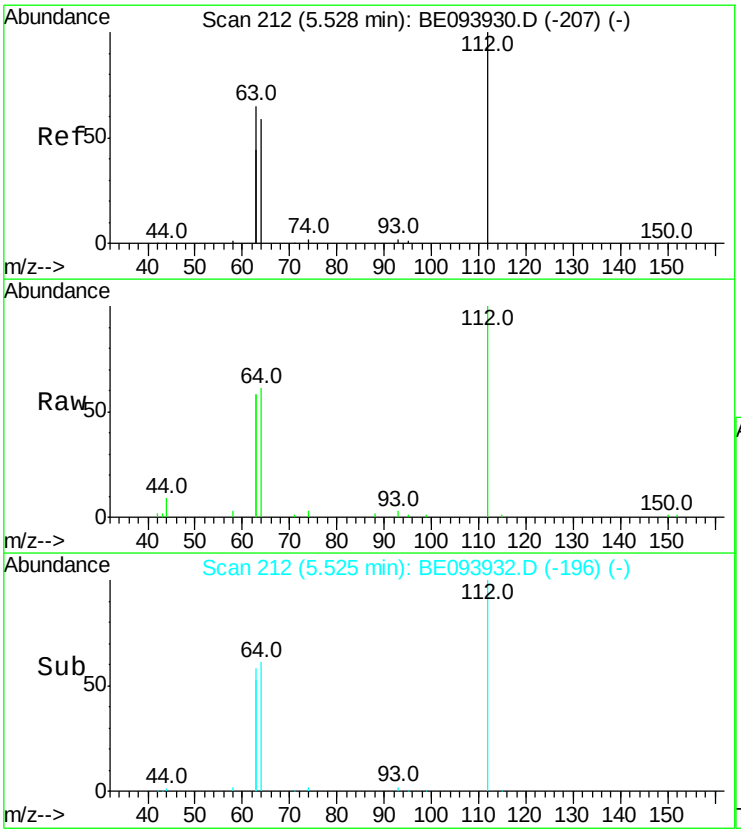
#3
n-Nitrosodimethylamine
Concen: 1.836 ng
RT: 3.74 min Scan# 70
Delta R.T. -0.02 min
Lab File: BE093932.D
Acq: 5 Sep 2017 11:58

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion: 42 Resp: 5294

Ion	Ratio	Lower	Upper
42	100		
74	128.6	104.0	156.0
44	8.9	13.8	20.8#

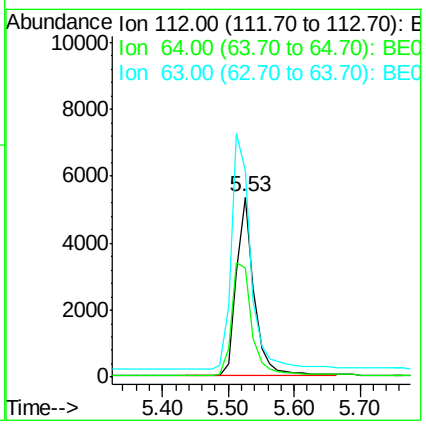


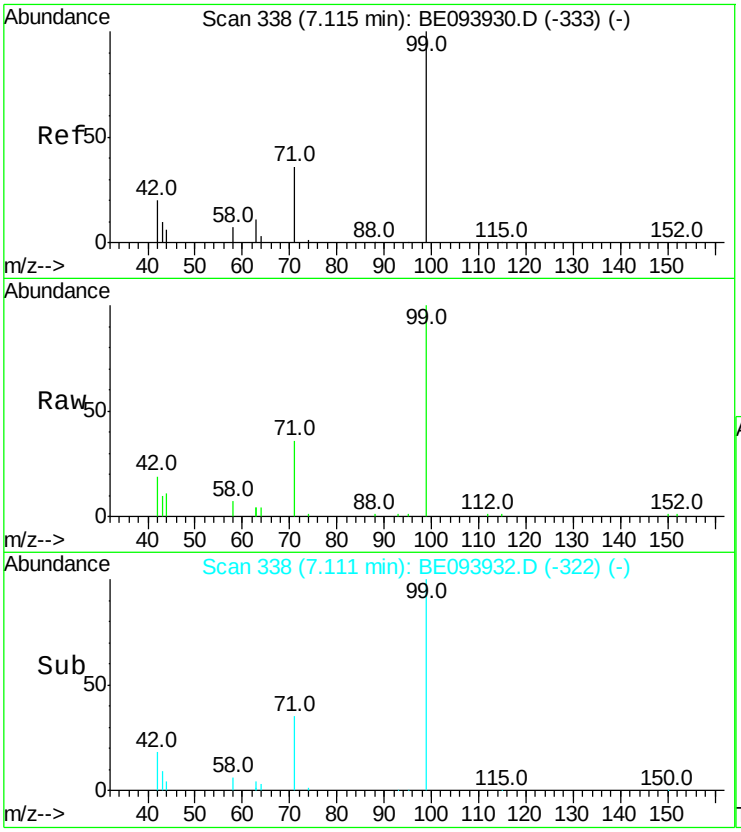


#4
2-Fluorophenol
Concen: 1.711 ng
RT: 5.53 min Scan# 212
Delta R.T. -0.00 min
Lab File: BE093932.D
Acq: 5 Sep 2017 11:58

Tgt Ion:112 Resp: 9930

Ion	Ratio	Lower	Upper
112	100		
64	72.3	57.7	86.5
63	143.0	116.0	174.0



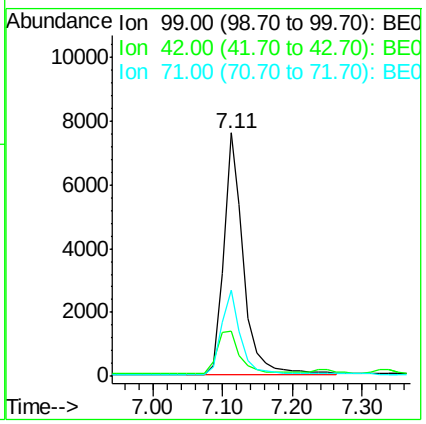


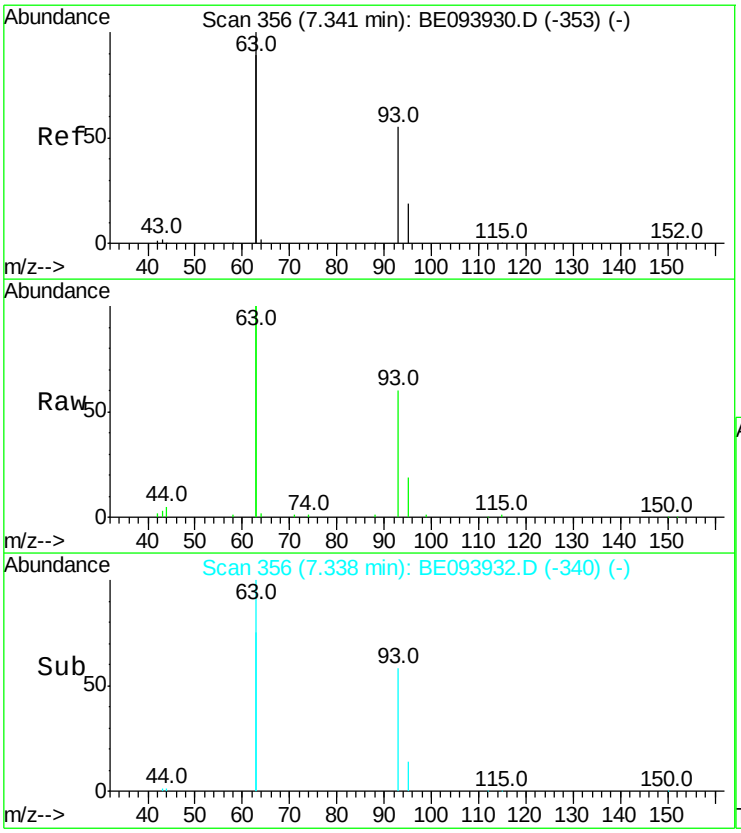
#5
Phenol-d6
Concen: 1.713 ng
RT: 7.11 min Scan# 338
Delta R.T. -0.00 min
Lab File: BE093932.D
Acq: 5 Sep 2017 11:58

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion: 99 Resp: 15189

Ion	Ratio	Lower	Upper
99	100		
42	20.7	17.1	25.7
71	34.5	26.6	39.8

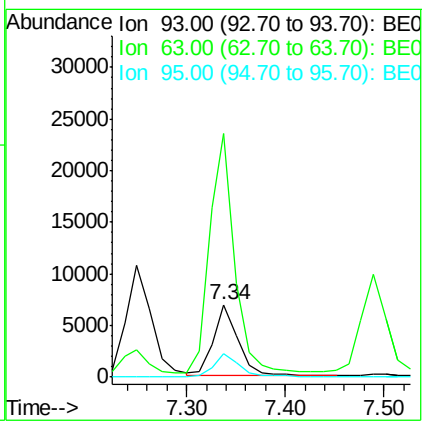


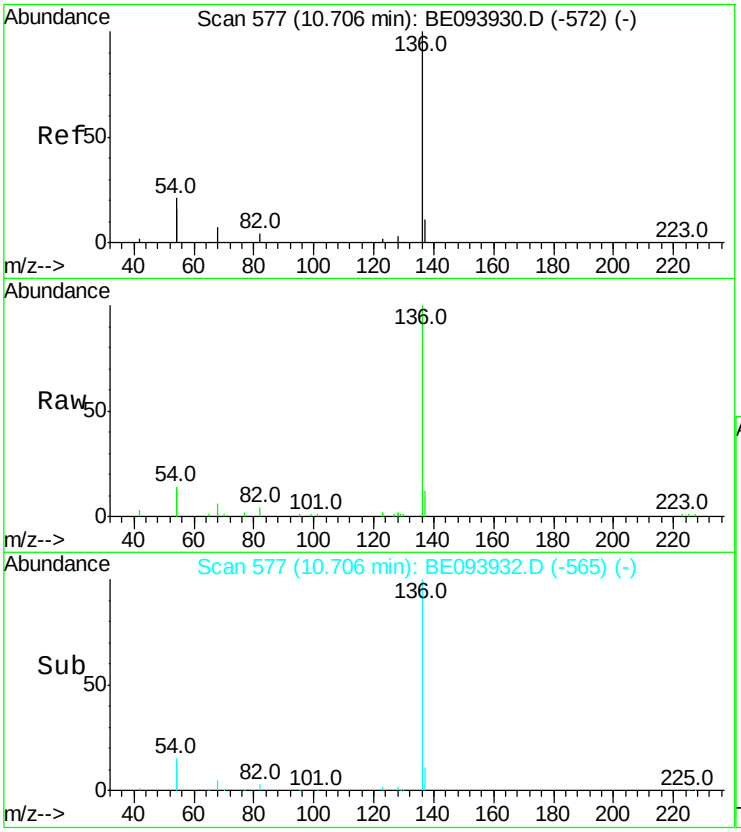


#6
bis(2-Chloroethyl)ether
Concen: 1.766 ng
RT: 7.34 min Scan# 356
Delta R.T. -0.00 min
Lab File: BE093932.D
Acq: 5 Sep 2017 11:58

Tgt Ion: 93 Resp: 12070

Ion	Ratio	Lower	Upper
93	100		
63	338.8	283.4	425.2
95	31.2	26.9	40.3



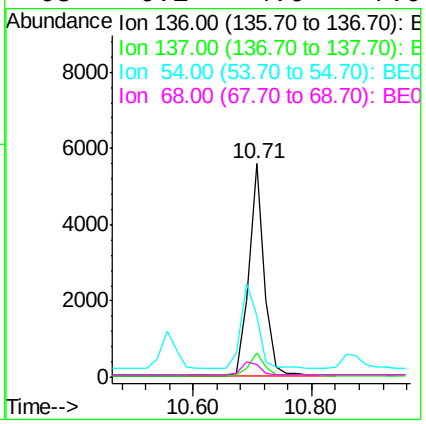


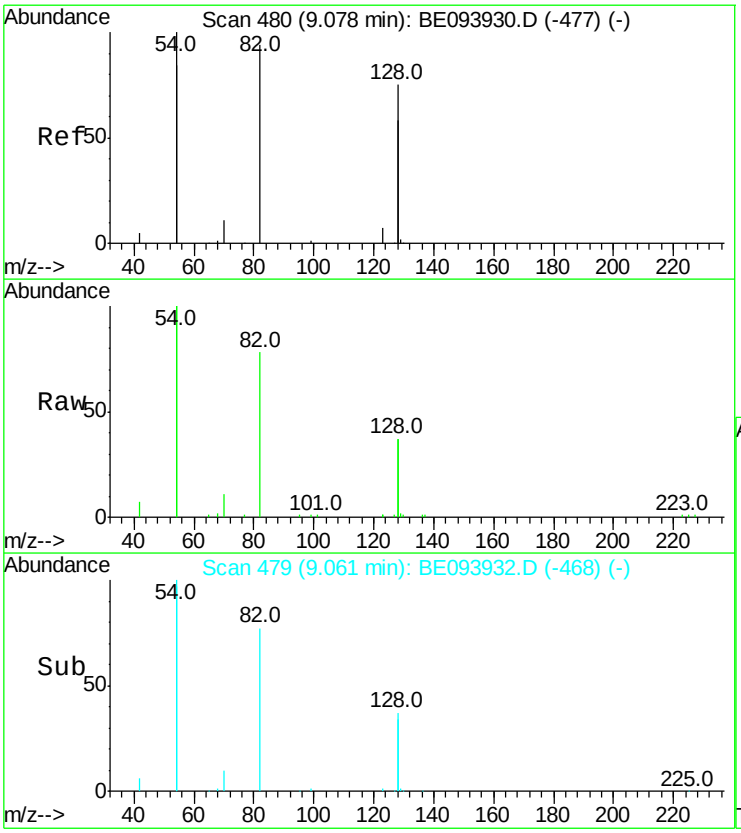
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.71 min Scan# 577
Delta R.T. 0.00 min
Lab File: BE093932.D
Acq: 5 Sep 2017 11:58

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:136 Resp: 10067

Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.2	13.8
54	28.8	21.9	32.9
68	6.1	4.6	7.0

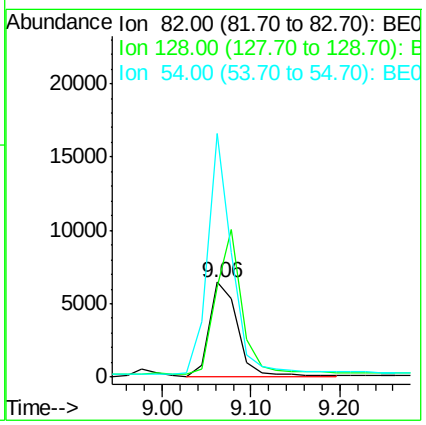


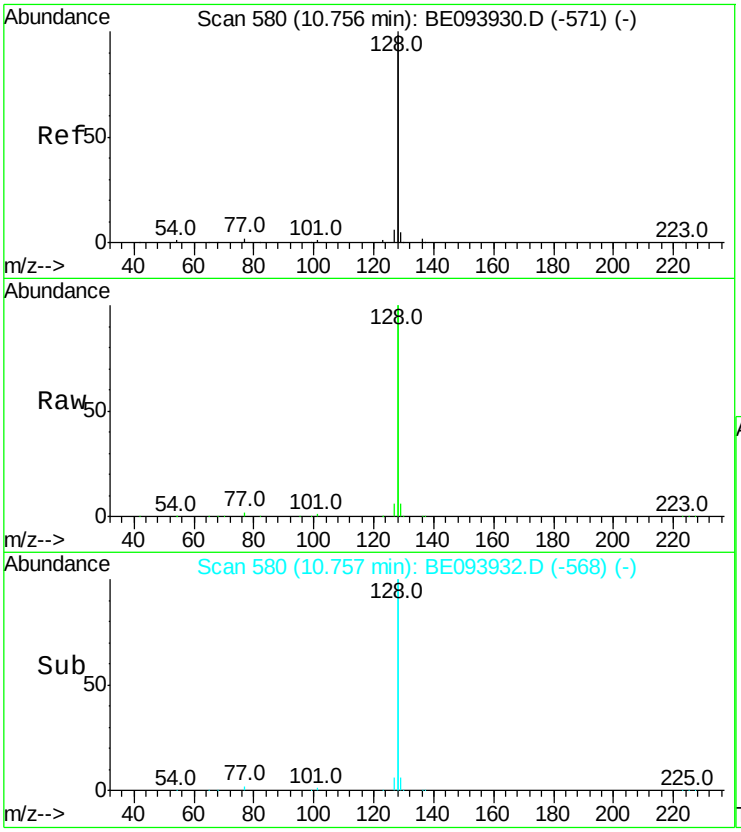


#8
Nitrobenzene-d5
Concen: 1.693 ng
RT: 9.06 min Scan# 479
Delta R.T. -0.02 min
Lab File: BE093932.D
Acq: 5 Sep 2017 11:58

Tgt Ion: 82 Resp: 14193

Ion	Ratio	Lower	Upper
82	100		
128	94.8	91.4	137.0
54	256.8	197.8	296.8



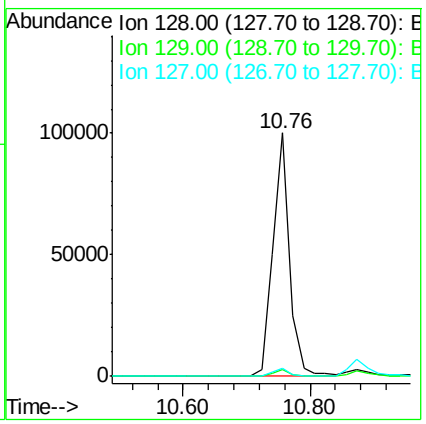


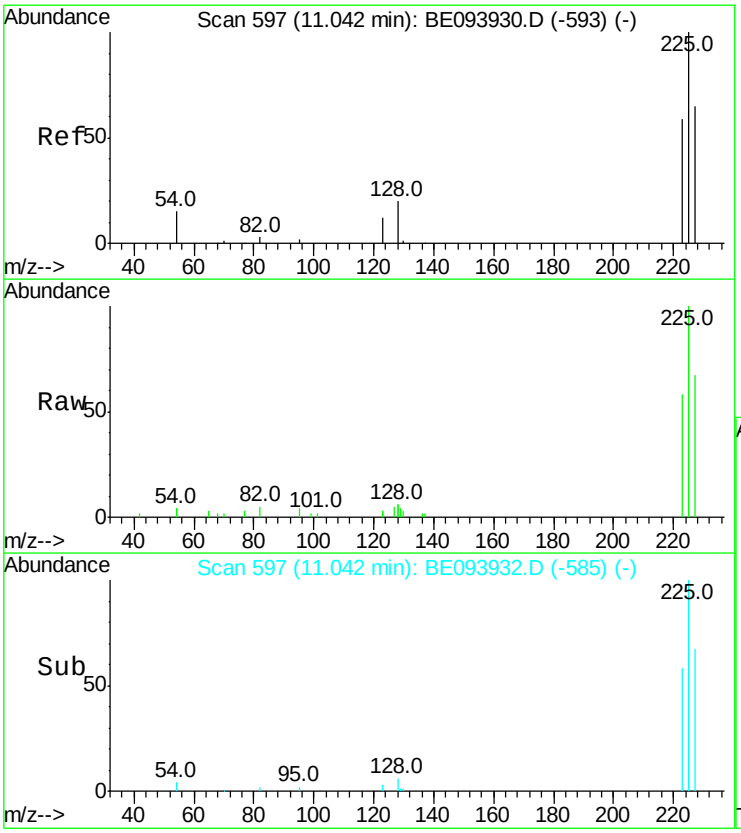
#9
Naphthalene
Concen: 1.610 ng
RT: 10.76 min Scan# 580
Delta R.T. 0.00 min
Lab File: BE093932.D
Acq: 5 Sep 2017 11:58

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:128 Resp: 184519

Ion	Ratio	Lower	Upper
128	100		
129	2.8	2.5	3.7
127	3.2	2.6	4.0

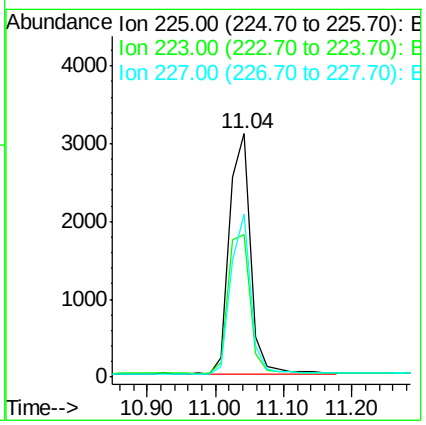


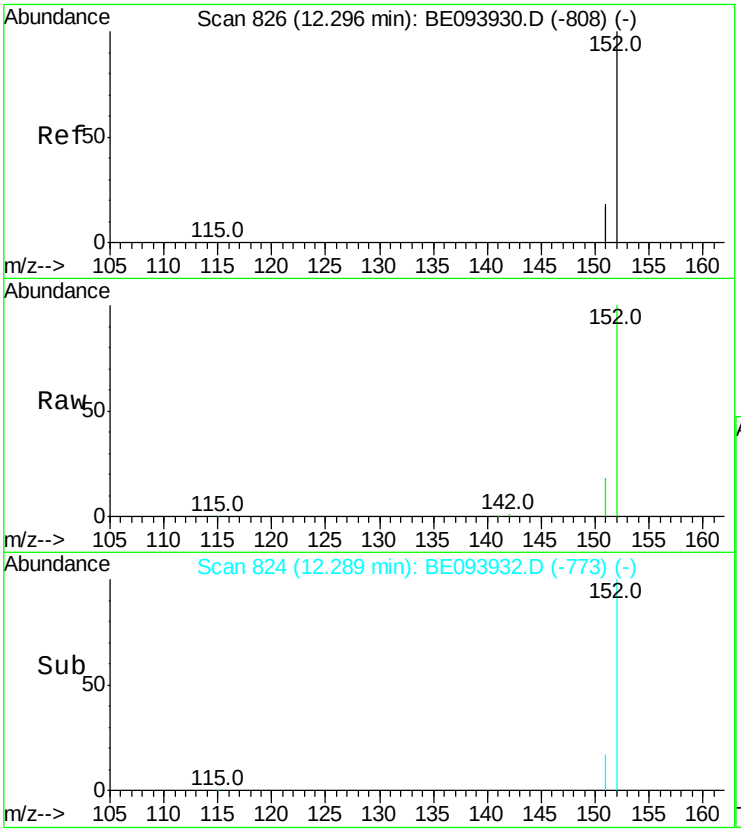


#10
Hexachlorobutadiene
Concen: 1.628 ng
RT: 11.04 min Scan# 597
Delta R.T. 0.00 min
Lab File: BE093932.D
Acq: 5 Sep 2017 11:58

Tgt Ion:225 Resp: 6590

Ion	Ratio	Lower	Upper
225	100		
223	62.2	49.4	74.0
227	63.3	50.5	75.7



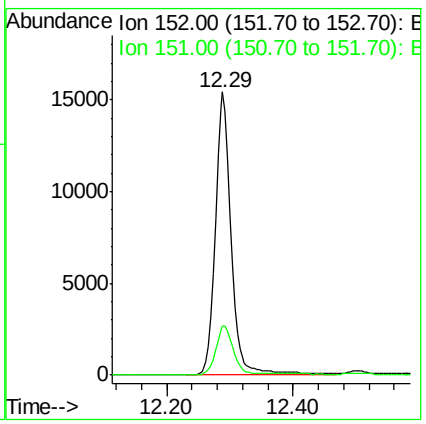


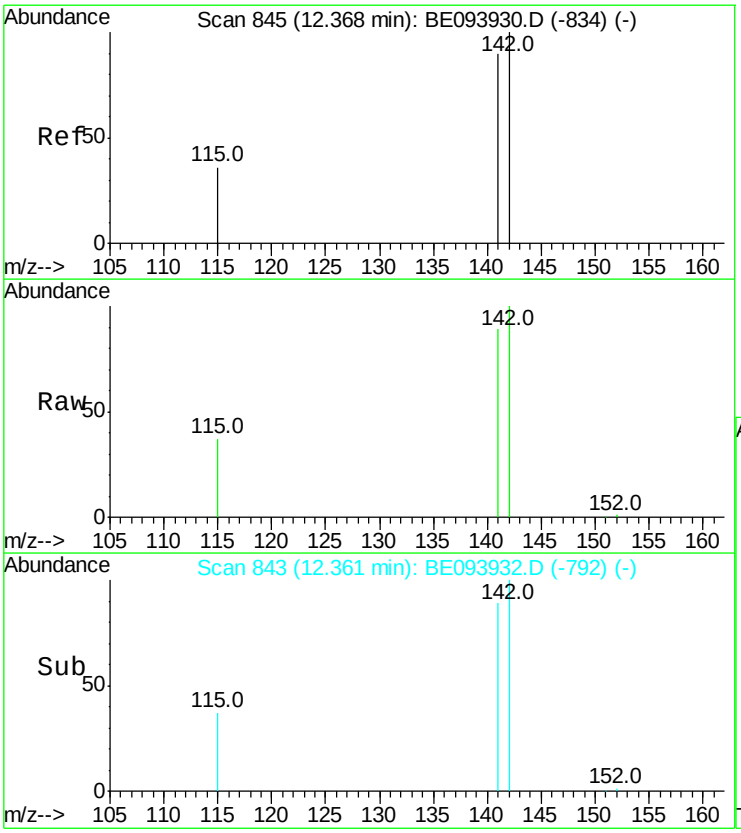
#11
2-Methylnaphthalene-d10
Concen: 1.669 ng
RT: 12.29 min Scan# 824
Delta R.T. -0.01 min
Lab File: BE093932.D
Acq: 5 Sep 2017 11:58

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:152 Resp: 26574

Ion	Ratio	Lower	Upper
152	100		
151	18.9	15.4	23.0

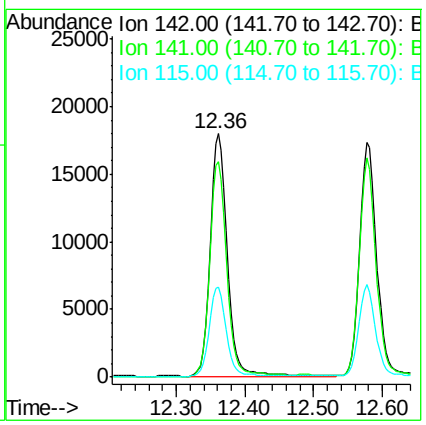


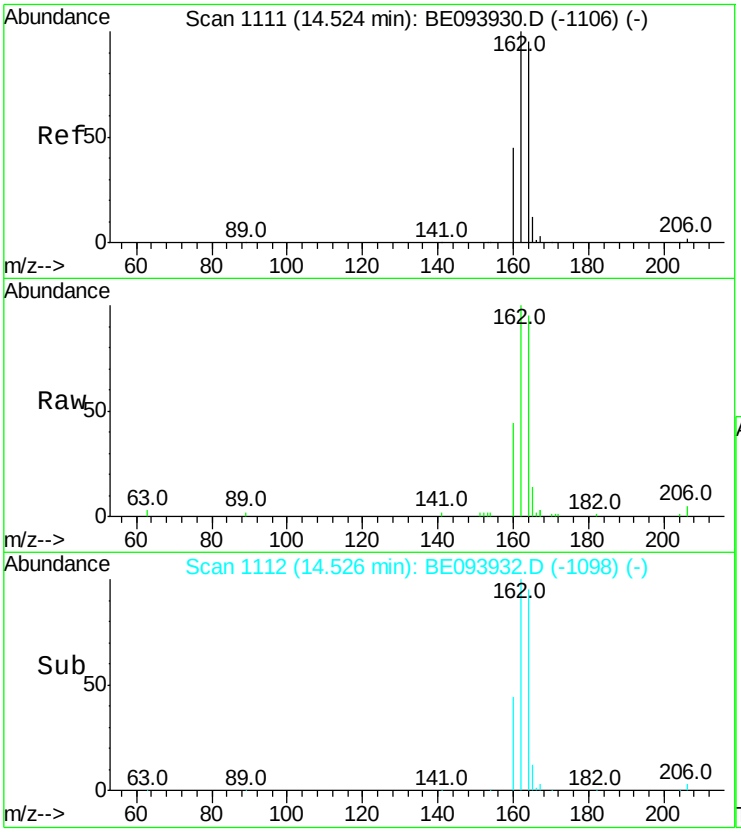


#12
2-Methylnaphthalene
Concen: 1.648 ng
RT: 12.36 min Scan# 843
Delta R.T. -0.01 min
Lab File: BE093932.D
Acq: 5 Sep 2017 11:58

Tgt Ion:142 Resp: 31568

Ion	Ratio	Lower	Upper
142	100		
141	88.7	71.4	107.2
115	36.7	29.4	44.0



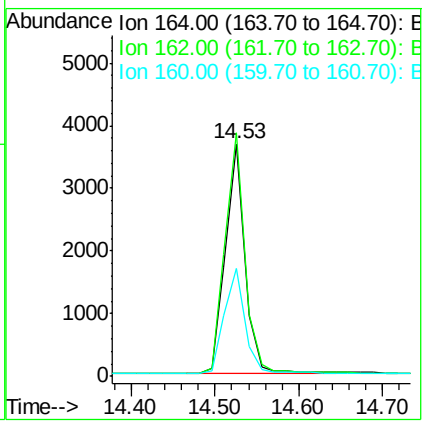


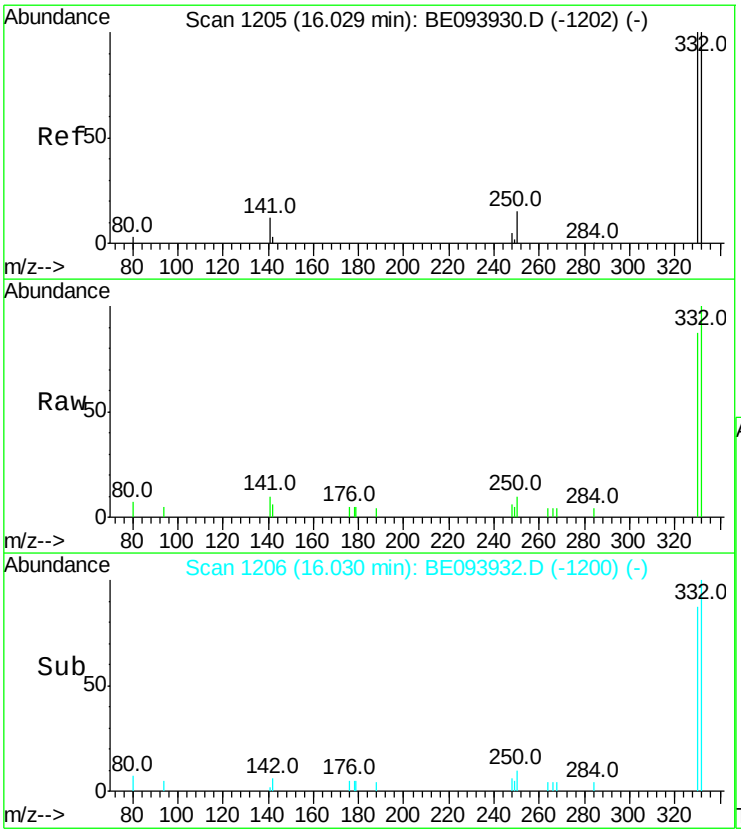
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.53 min Scan# 1112
Delta R.T. 0.00 min
Lab File: BE093932.D
Acq: 5 Sep 2017 11:58

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:164 Resp: 5842

Ion	Ratio	Lower	Upper
164	100		
162	104.9	80.8	121.2
160	46.4	37.0	55.4

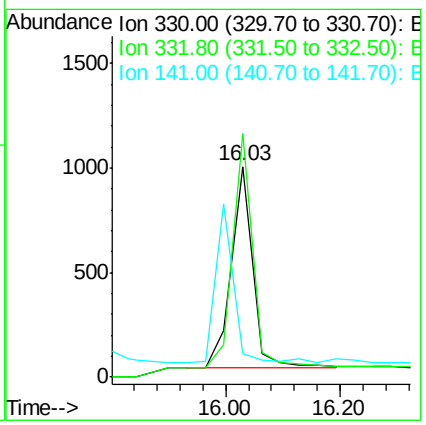


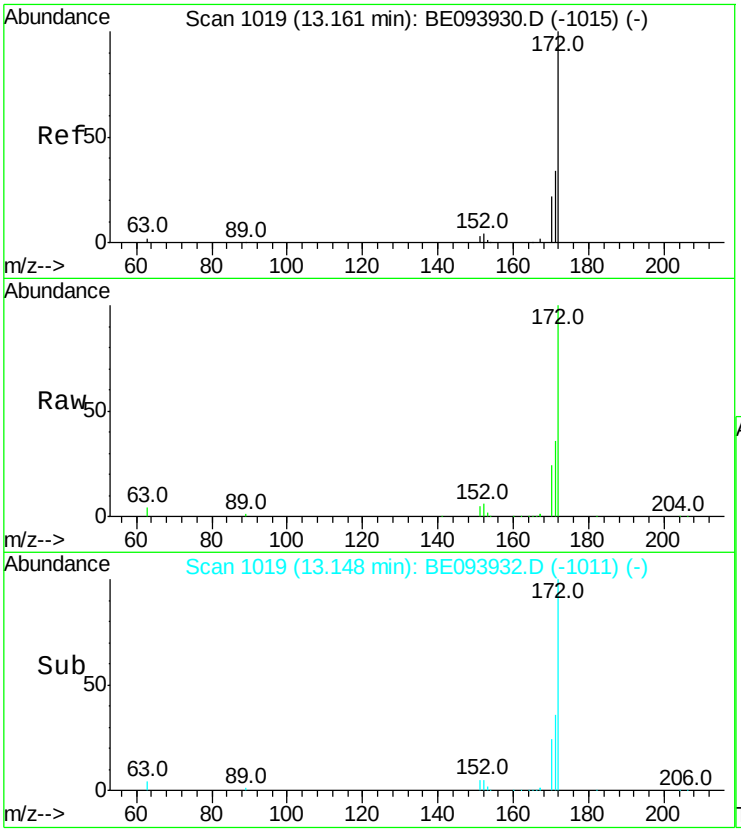


#14
2,4,6-Tribromophenol
Concen: 1.594 ng
RT: 16.03 min Scan# 1206
Delta R.T. 0.00 min
Lab File: BE093932.D
Acq: 5 Sep 2017 11:58

Tgt Ion:330 Resp: 2496

Ion	Ratio	Lower	Upper
330	100		
332	107.5	76.9	115.3
141	0.0	0.0	0.0



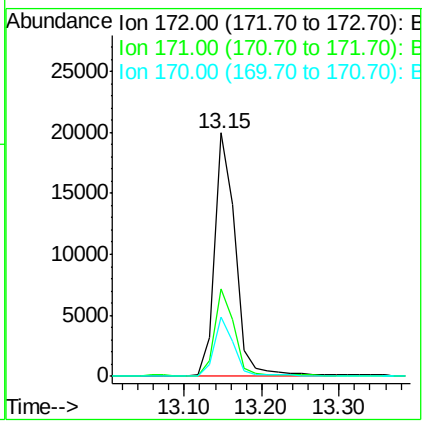


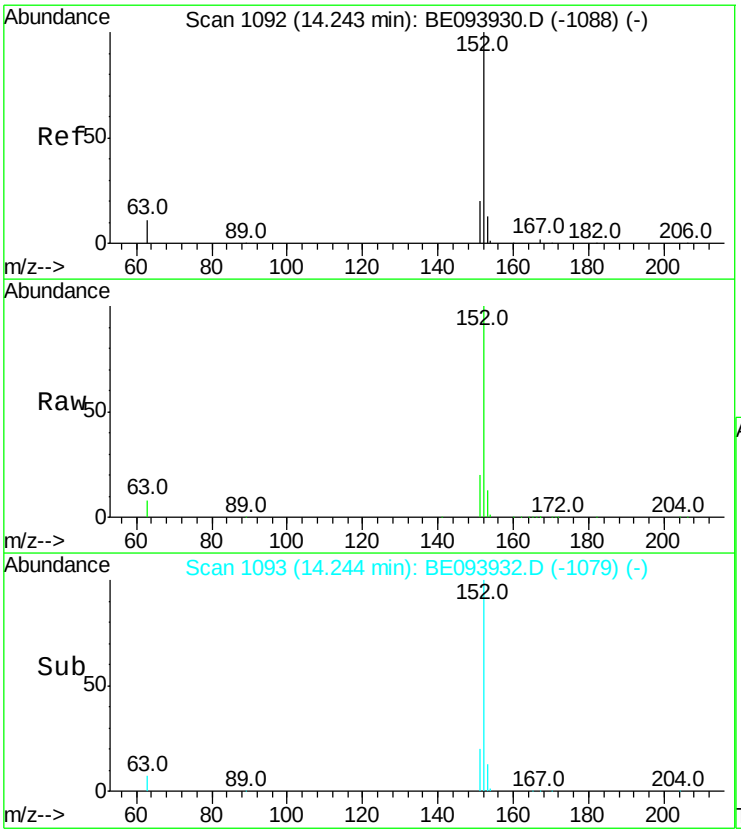
#15
2-Fluorobiphenyl
Concen: 1.572 ng
RT: 13.15 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BE093932.D
Acq: 5 Sep 2017 11:58

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:172 Resp: 36548

Ion	Ratio	Lower	Upper
172	100		
171	36.0	26.9	40.3
170	24.3	17.3	25.9

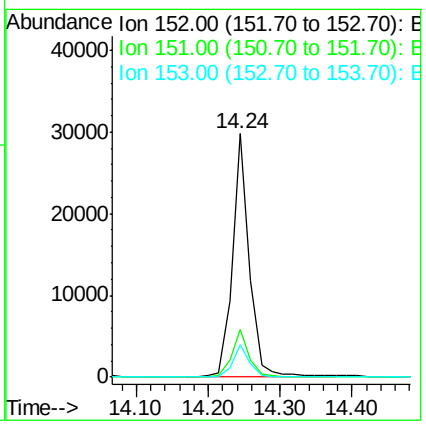


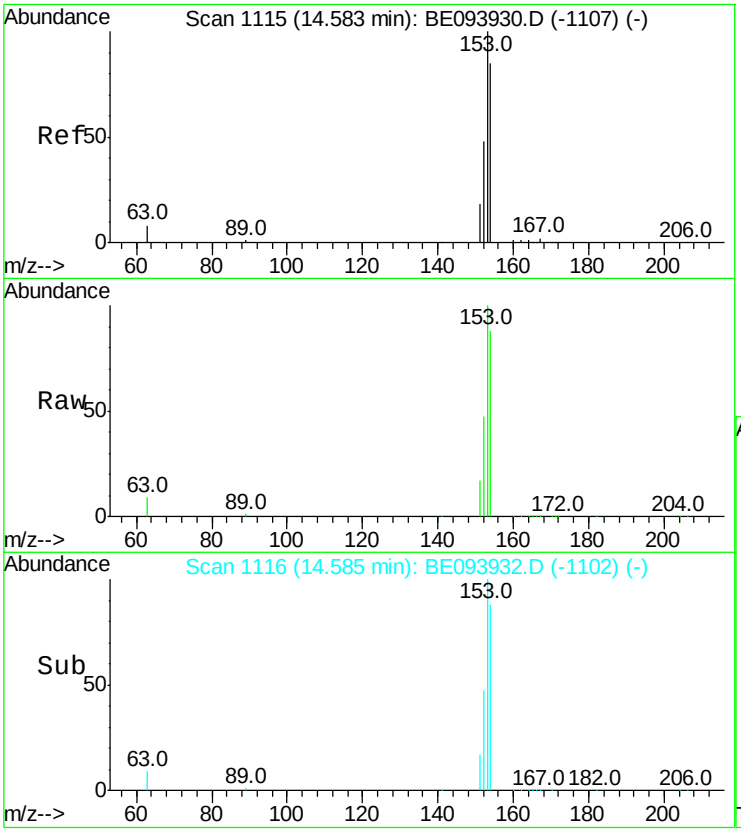


#16
Acenaphthylene
Concen: 1.680 ng
RT: 14.24 min Scan# 1093
Delta R.T. 0.00 min
Lab File: BE093932.D
Acq: 5 Sep 2017 11:58

Tgt Ion:152 Resp: 48571

Ion	Ratio	Lower	Upper
152	100		
151	19.4	15.7	23.5
153	13.0	10.6	16.0



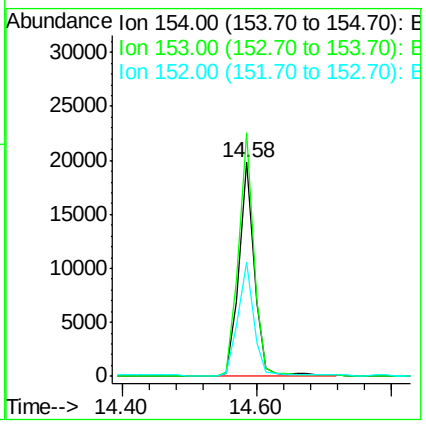


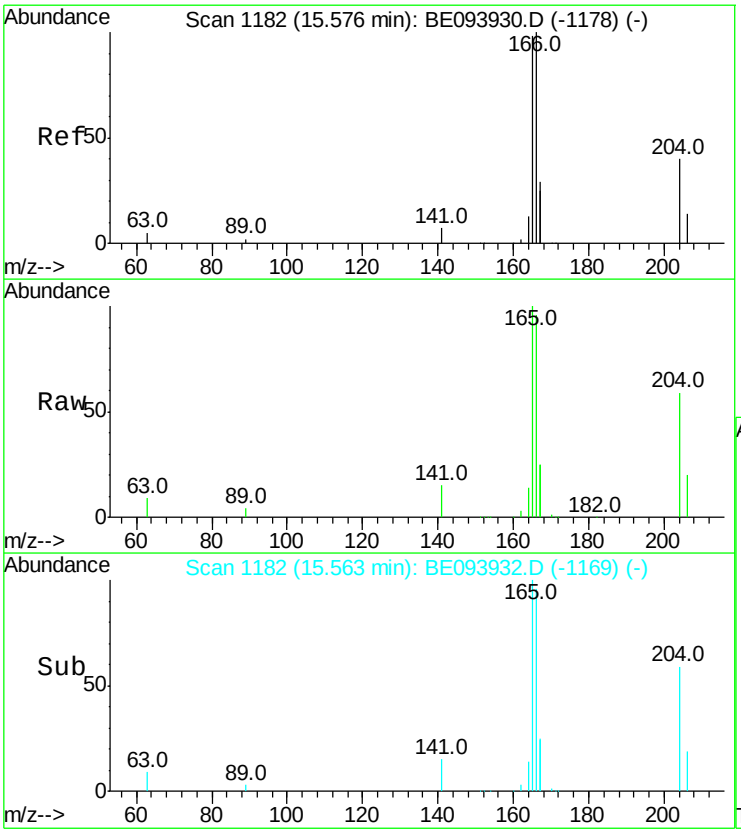
#17
Acenaphthene
Concen: 1.612 ng
RT: 14.58 min Scan# 1116
Delta R.T. 0.00 min
Lab File: BE093932.D
Acq: 5 Sep 2017 11:58

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:154 Resp: 31430

Ion	Ratio	Lower	Upper
154	100		
153	113.0	91.8	137.6
152	53.7	44.9	67.3

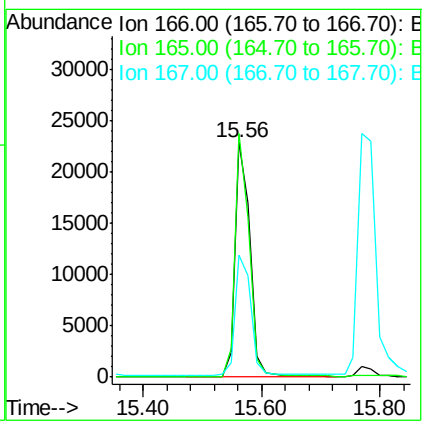


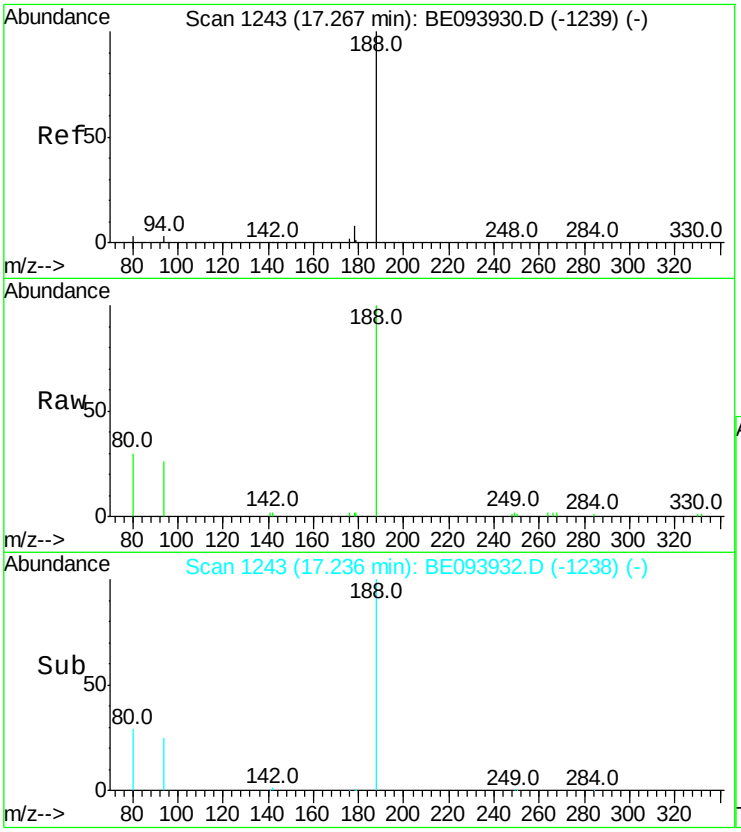


#18
Fluorene
Concen: 1.592 ng
RT: 15.56 min Scan# 1182
Delta R.T. -0.01 min
Lab File: BE093932.D
Acq: 5 Sep 2017 11:58

Tgt Ion:166 Resp: 40160

Ion	Ratio	Lower	Upper
166	100		
165	99.2	79.4	119.0
167	54.1	43.5	65.3



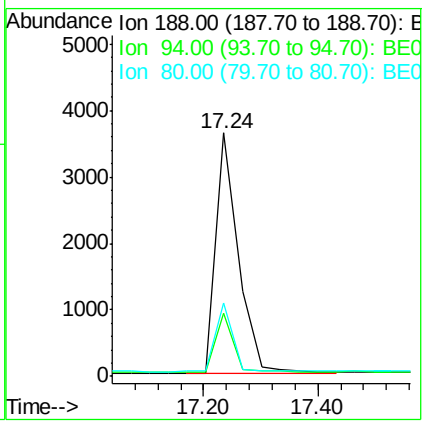


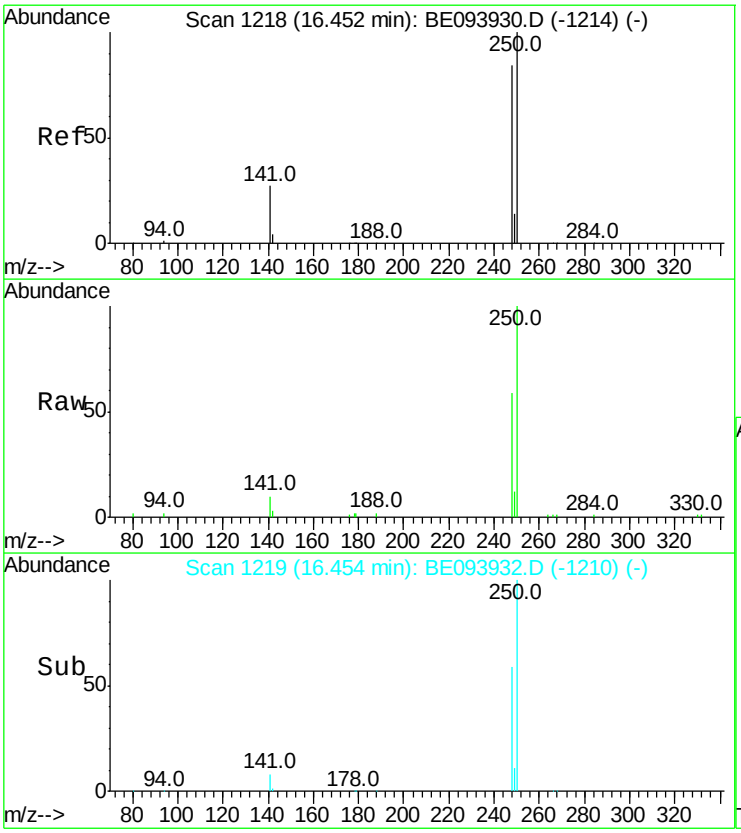
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.24 min Scan# 1243
Delta R.T. -0.03 min
Lab File: BE093932.D
Acq: 5 Sep 2017 11:58

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:188 Resp: 9857

Ion	Ratio	Lower	Upper
188	100		
94	26.2	16.1	24.1#
80	30.2	18.2	27.2#

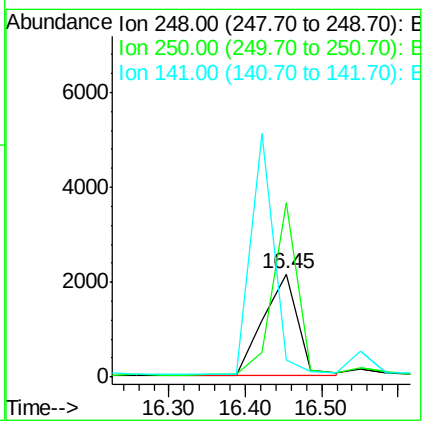


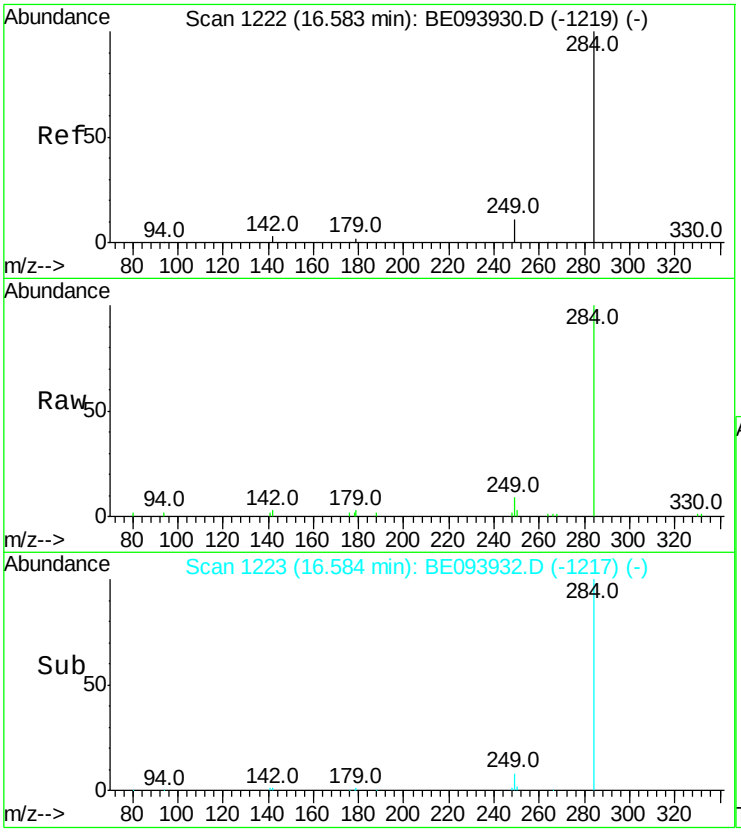


#20
4-Bromophenyl-phenylether
Concen: 1.625 ng
RT: 16.45 min Scan# 1219
Delta R.T. 0.00 min
Lab File: BE093932.D
Acq: 5 Sep 2017 11:58

Tgt Ion:248 Resp: 6632

Ion	Ratio	Lower	Upper
248	100		
250	168.7	111.8	167.8#
141	16.4	27.1	40.7#



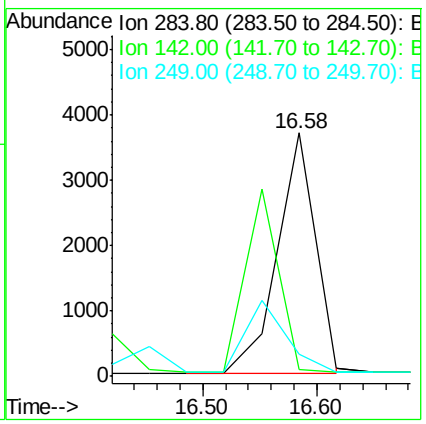


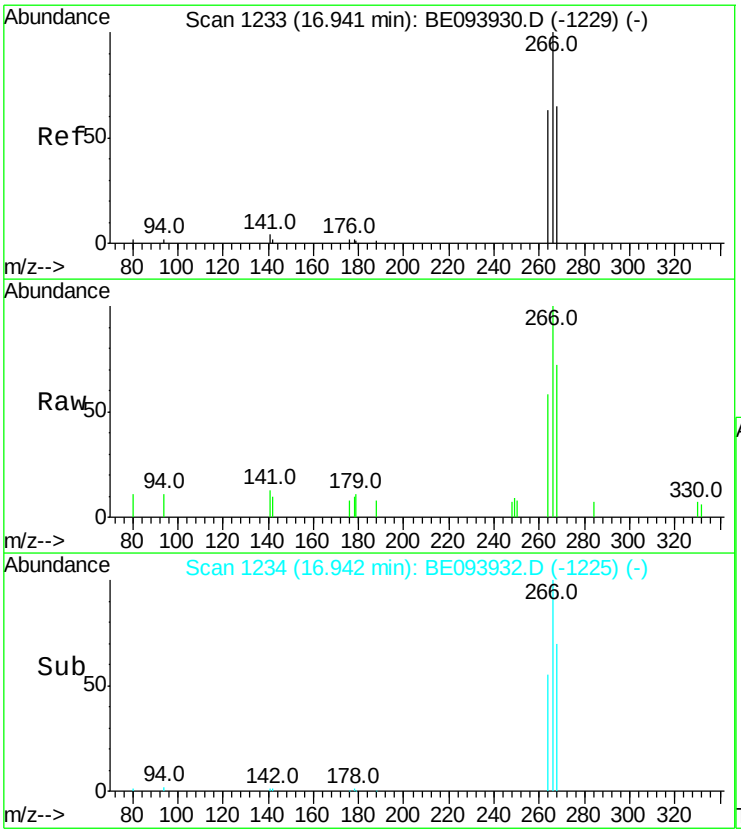
#21
Hexachlorobenzene
Concen: 2.388 ng
RT: 16.58 min Scan# 1223
Delta R.T. 0.00 min
Lab File: BE093932.D
Acq: 5 Sep 2017 11:58

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:284 Resp: 8492

Ion	Ratio	Lower	Upper
284	100		
142	0.0	0.0	0.0
249	0.0	0.0	0.0

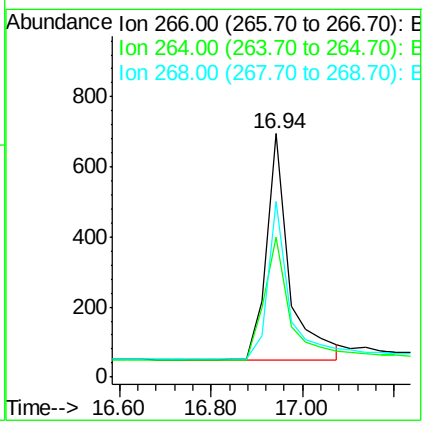


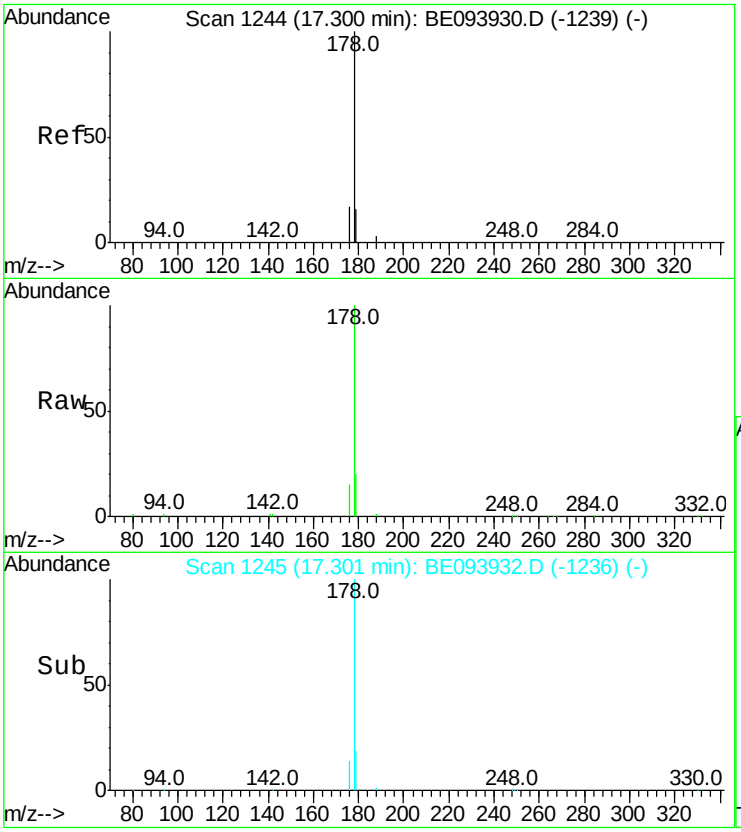


#22
Pentachlorophenol
Concen: 1.475 ng
RT: 16.94 min Scan# 1234
Delta R.T. 0.00 min
Lab File: BE093932.D
Acq: 5 Sep 2017 11:58

Tgt Ion:266 Resp: 2279

Ion	Ratio	Lower	Upper
266	100		
264	57.6	53.5	80.3
268	71.9	60.0	90.0



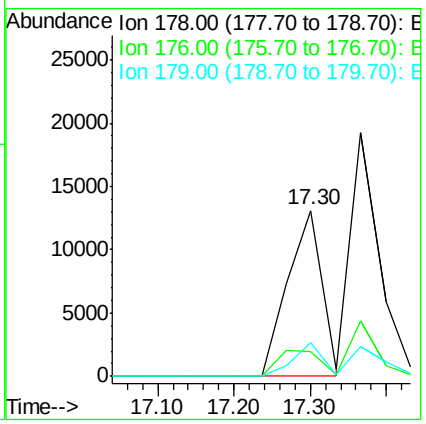


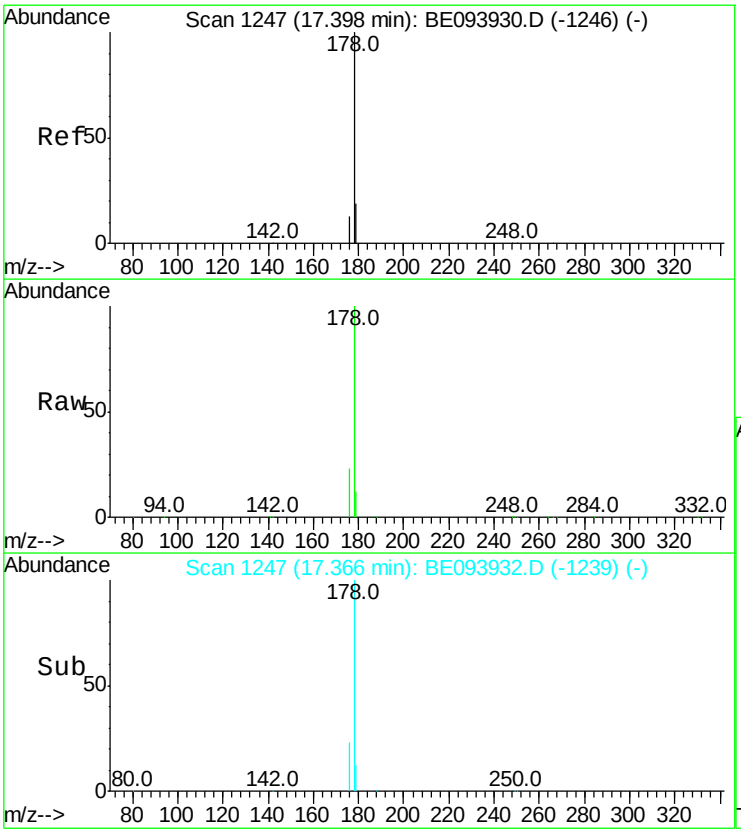
#23
Phenanthrene
Concen: 1.623 ng
RT: 17.30 min Scan# 1245
Delta R.T. 0.00 min
Lab File: BE093932.D
Acq: 5 Sep 2017 11:58

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:178 Resp: 40668

Ion	Ratio	Lower	Upper
178	100		
176	0.0	0.0	0.0
179	16.4	12.6	18.8

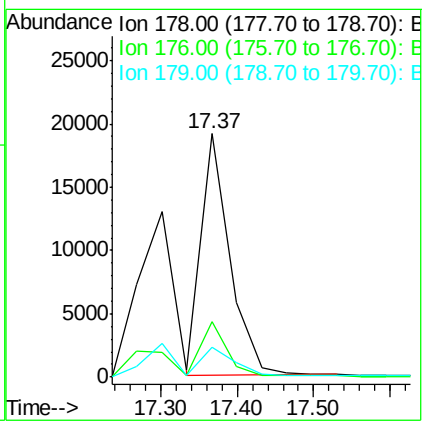


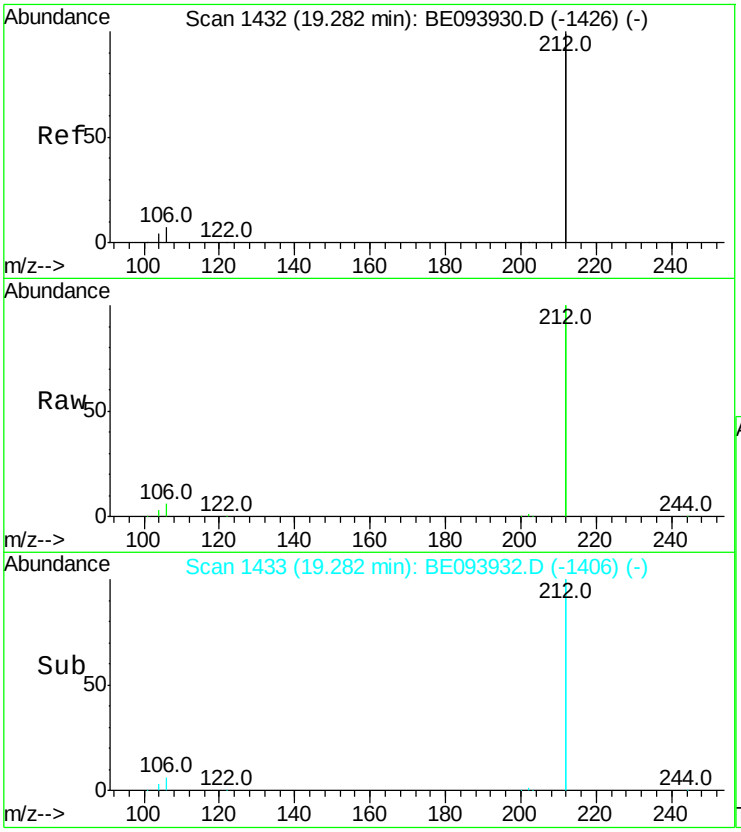


#24
Anthracene
Concen: 1.676 ng
RT: 17.37 min Scan# 1247
Delta R.T. -0.03 min
Lab File: BE093932.D
Acq: 5 Sep 2017 11:58

Tgt Ion:178 Resp: 50090

Ion	Ratio	Lower	Upper
178	100		
176	20.5	16.0	24.0
179	0.0	0.0	0.0



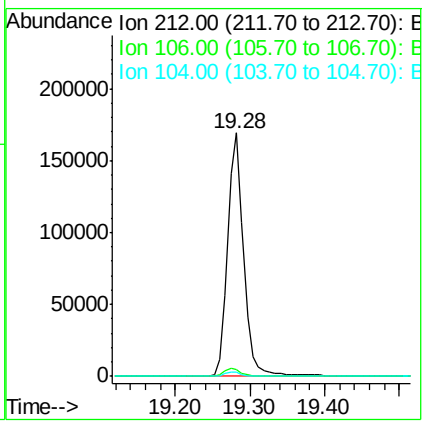


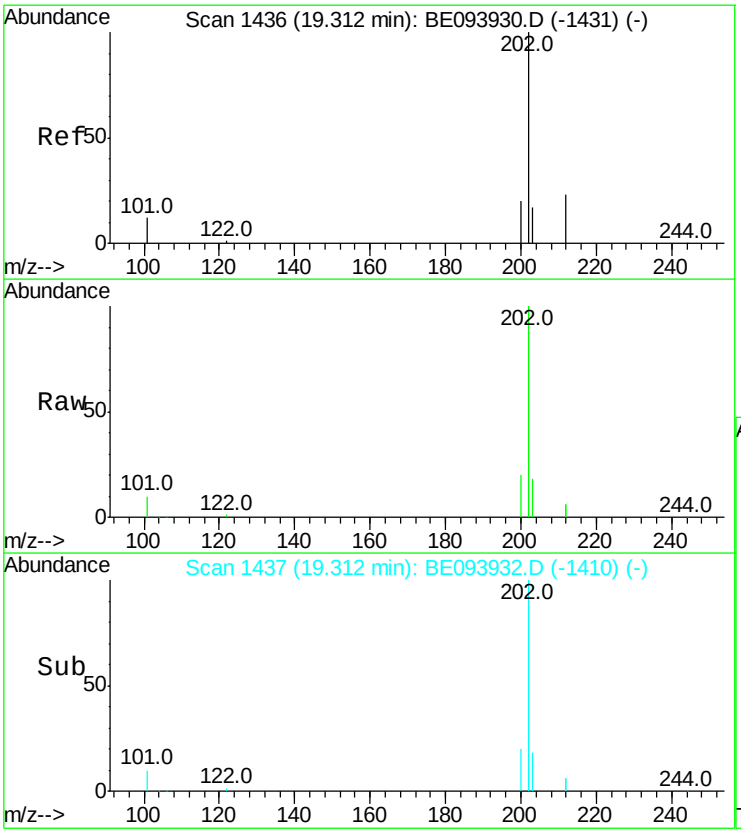
#25
Fluoranthene-d10
Concen: 2.194 ng
RT: 19.28 min Scan# 1433
Delta R.T. -0.00 min
Lab File: BE093932.D
Acq: 5 Sep 2017 11:58

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:212 Resp: 249317

Ion	Ratio	Lower	Upper
212	100		
106	3.4	2.7	4.1
104	1.9	1.6	2.4

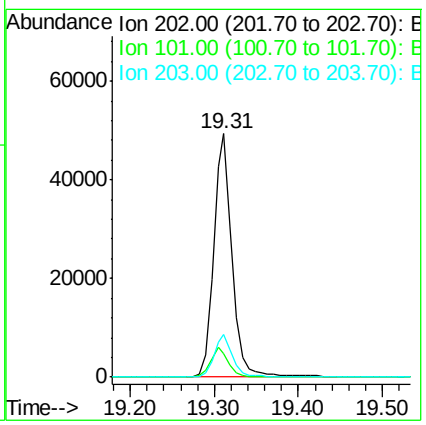


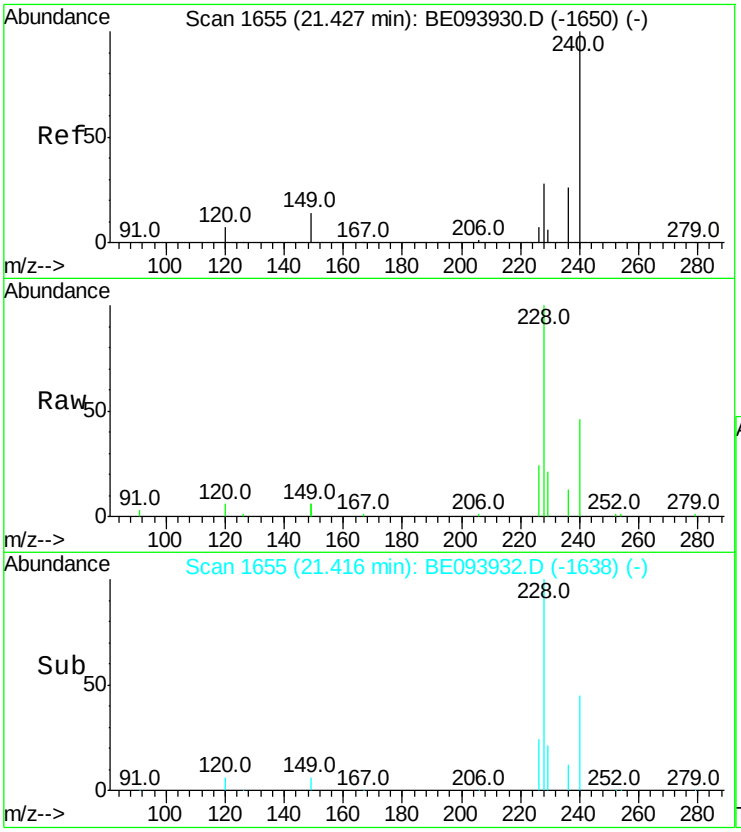


#26
Fluoranthene
Concen: 2.173 ng
RT: 19.31 min Scan# 1437
Delta R.T. -0.00 min
Lab File: BE093932.D
Acq: 5 Sep 2017 11:58

Tgt Ion:202 Resp: 74587

Ion	Ratio	Lower	Upper
202	100		
101	12.1	9.7	14.5
203	17.1	13.7	20.5



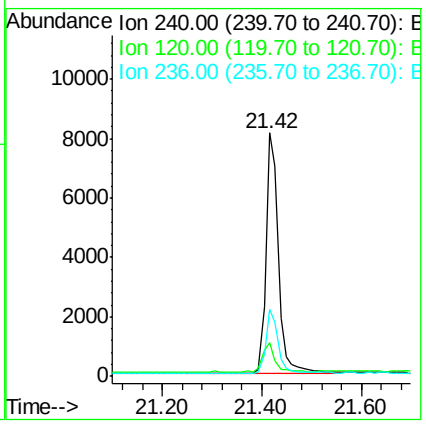


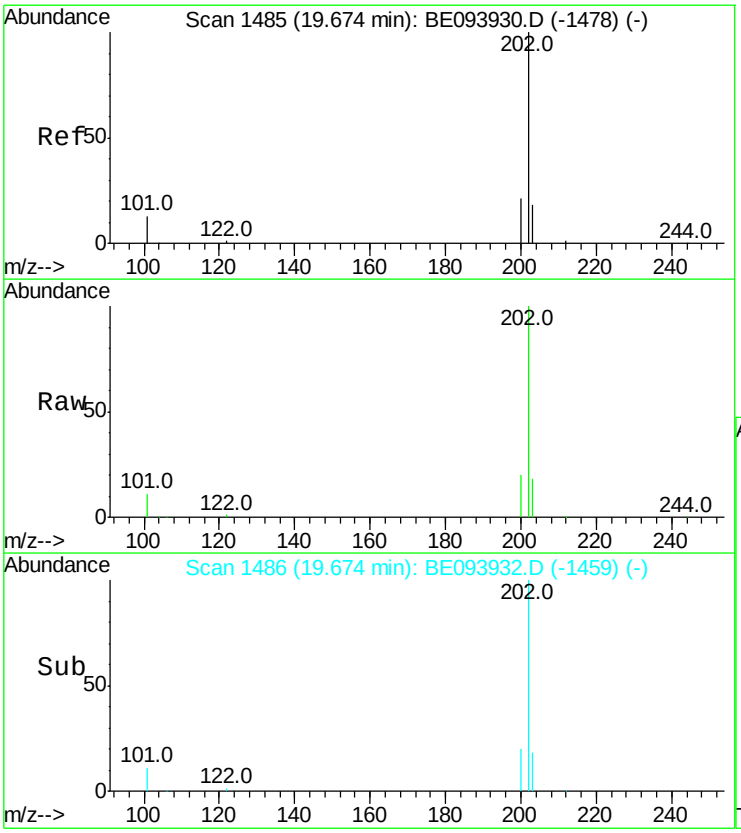
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.42 min Scan# 1655
Delta R.T. -0.01 min
Lab File: BE093932.D
Acq: 5 Sep 2017 11:58

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:240 Resp: 14156

Ion	Ratio	Lower	Upper
240	100		
120	14.0	8.7	13.1#
236	27.6	21.3	31.9

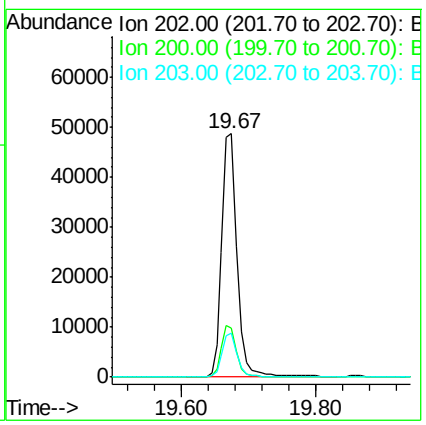


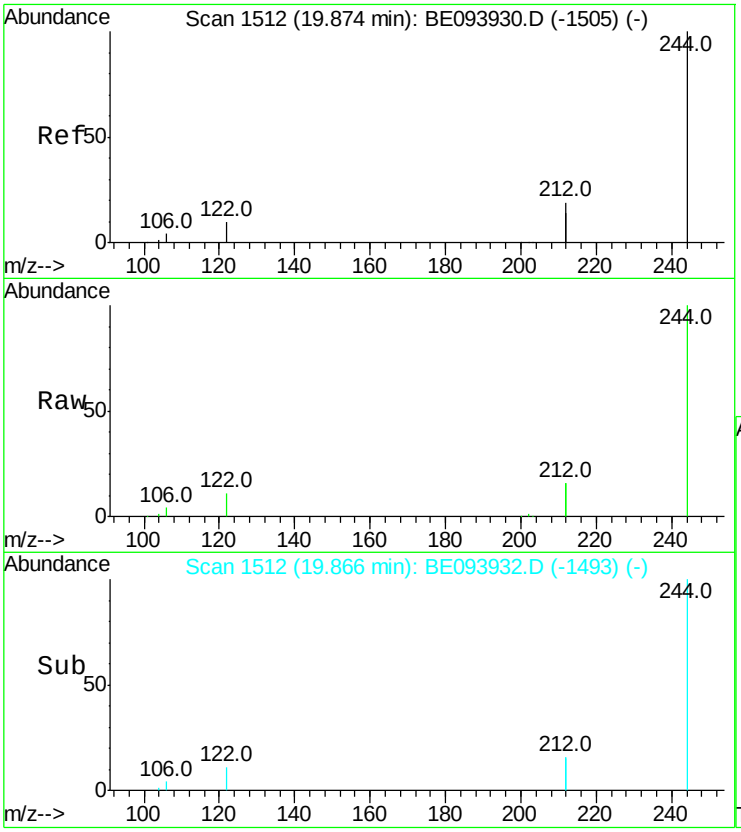


#28
Pyrene
Concen: 1.609 ng
RT: 19.67 min Scan# 1486
Delta R.T. -0.00 min
Lab File: BE093932.D
Acq: 5 Sep 2017 11:58

Tgt Ion:202 Resp: 76619

Ion	Ratio	Lower	Upper
202	100		
200	20.7	16.6	24.8
203	17.8	14.2	21.4



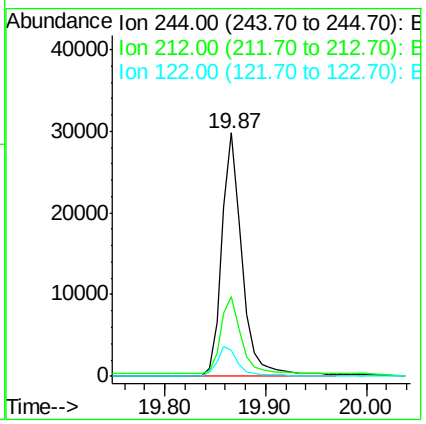


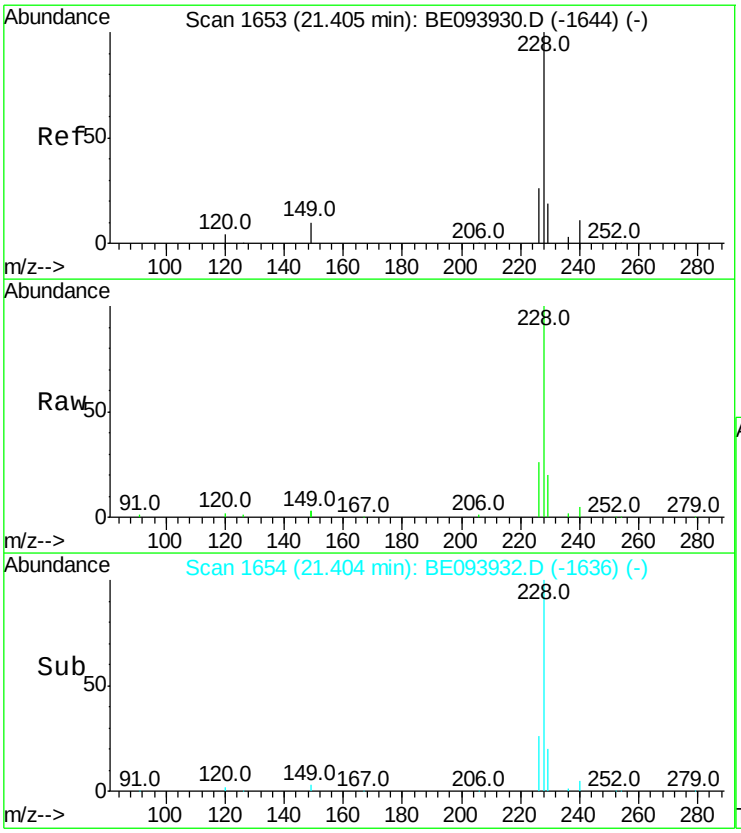
#29
Terphenyl-d14
Concen: 1.614 ng
RT: 19.87 min Scan# 1512
Delta R.T. -0.01 min
Lab File: BE093932.D
Acq: 5 Sep 2017 11:58

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:244 Resp: 41342

Ion	Ratio	Lower	Upper
244	100		
212	32.8	28.3	42.5
122	10.9	9.4	14.0

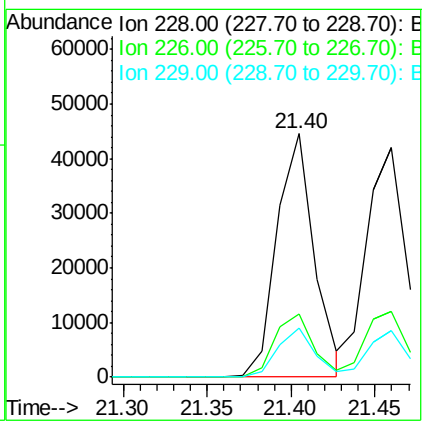


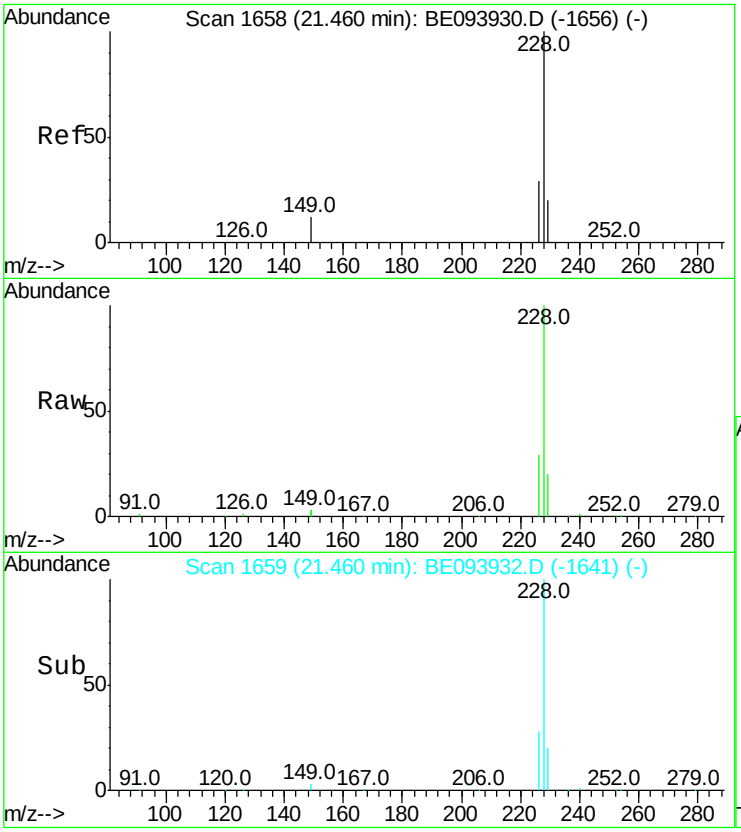


#30
Benzo(a)anthracene
Concen: 1.636 ng
RT: 21.40 min Scan# 1654
Delta R.T. -0.00 min
Lab File: BE093932.D
Acq: 5 Sep 2017 11:58

Tgt Ion:228 Resp: 68767

Ion	Ratio	Lower	Upper
228	100		
226	26.1	20.8	31.2
229	20.3	16.6	25.0



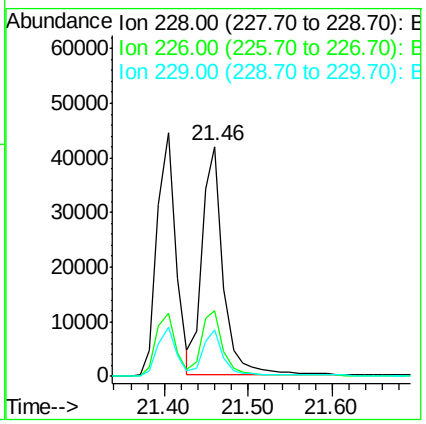


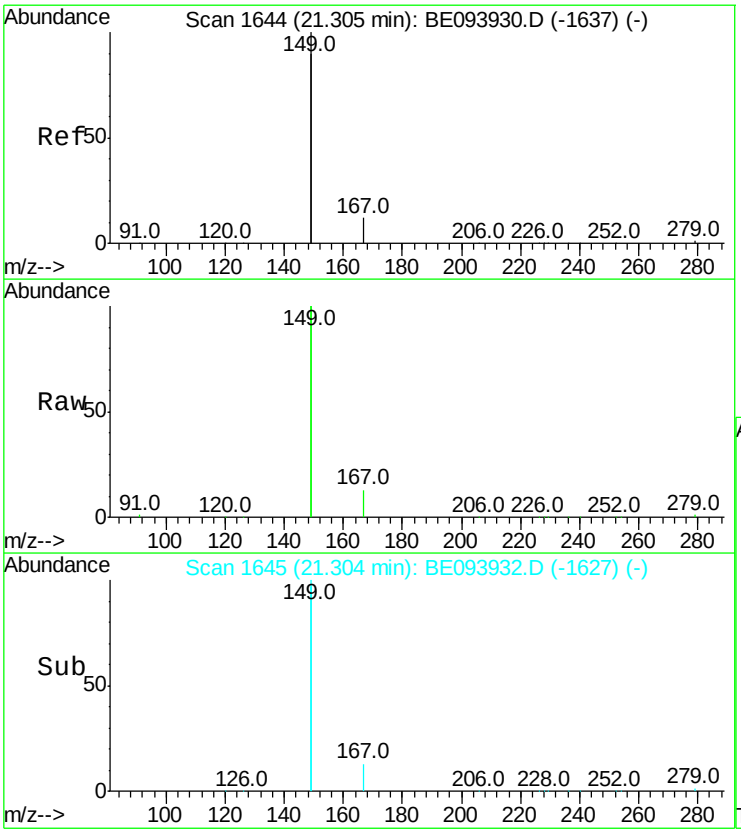
#31
Chrysene
Concen: 1.576 ng
RT: 21.46 min Scan# 1659
Delta R.T. -0.00 min
Lab File: BE093932.D
Acq: 5 Sep 2017 11:58

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:228 Resp: 73625

Ion	Ratio	Lower	Upper
228	100		
226	28.6	24.6	37.0
229	20.4	15.8	23.8

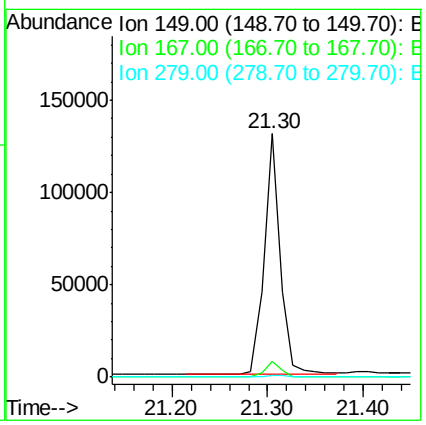


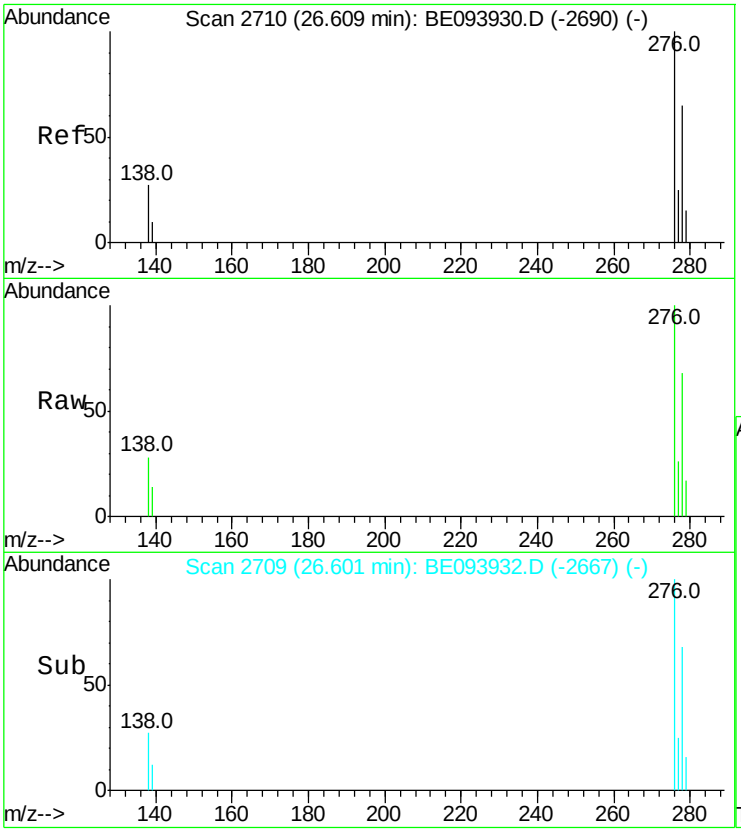


#32
Bis(2-ethylhexyl)phthalate
Concen: 1.732 ng
RT: 21.30 min Scan# 1645
Delta R.T. -0.00 min
Lab File: BE093932.D
Acq: 5 Sep 2017 11:58

Tgt Ion:149 Resp: 153524

Ion	Ratio	Lower	Upper
149	100		
167	6.8	5.4	8.0
279	0.9	0.7	1.1



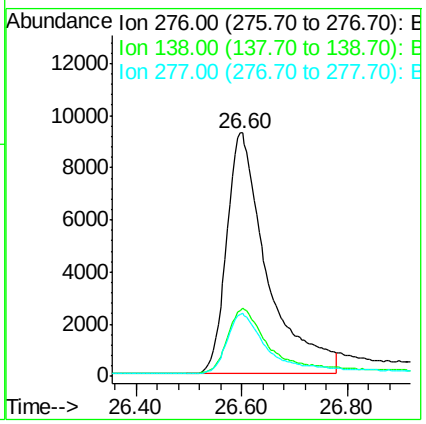


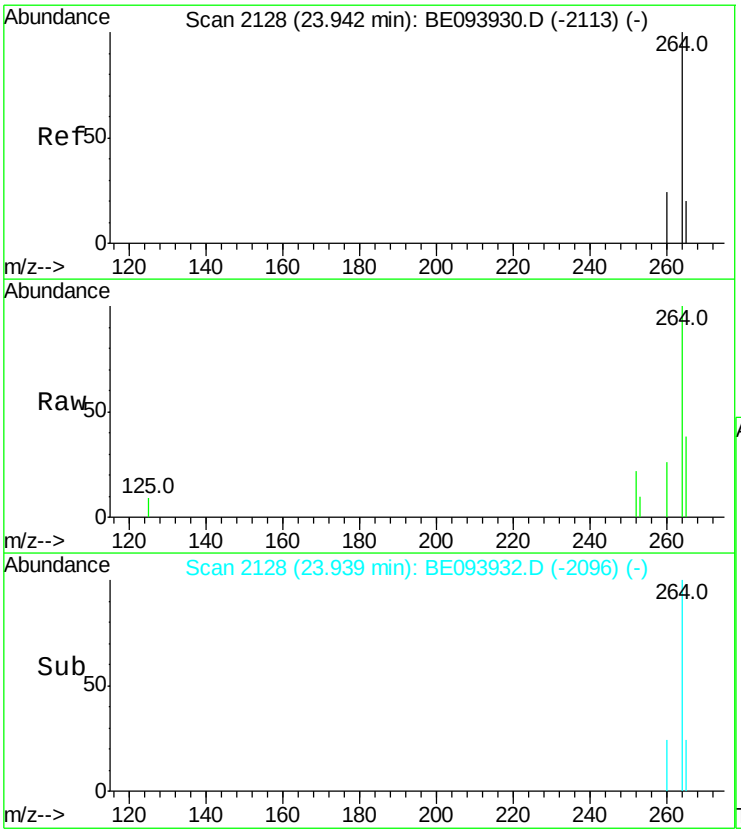
#33
Indeno(1,2,3-cd)pyrene
Concen: 1.544 ng
RT: 26.60 min Scan# 2709
Delta R.T. -0.01 min
Lab File: BE093932.D
Acq: 5 Sep 2017 11:58

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:276 Resp: 49225

Ion	Ratio	Lower	Upper
276	100		
138	27.4	22.2	33.2
277	25.0	19.5	29.3

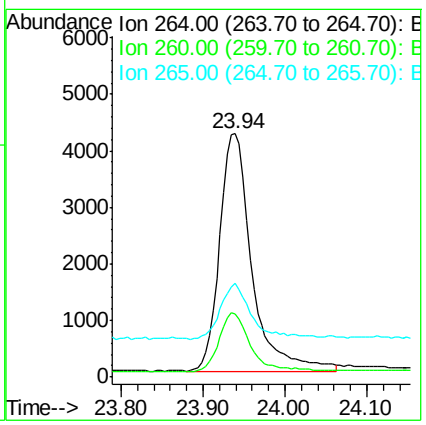


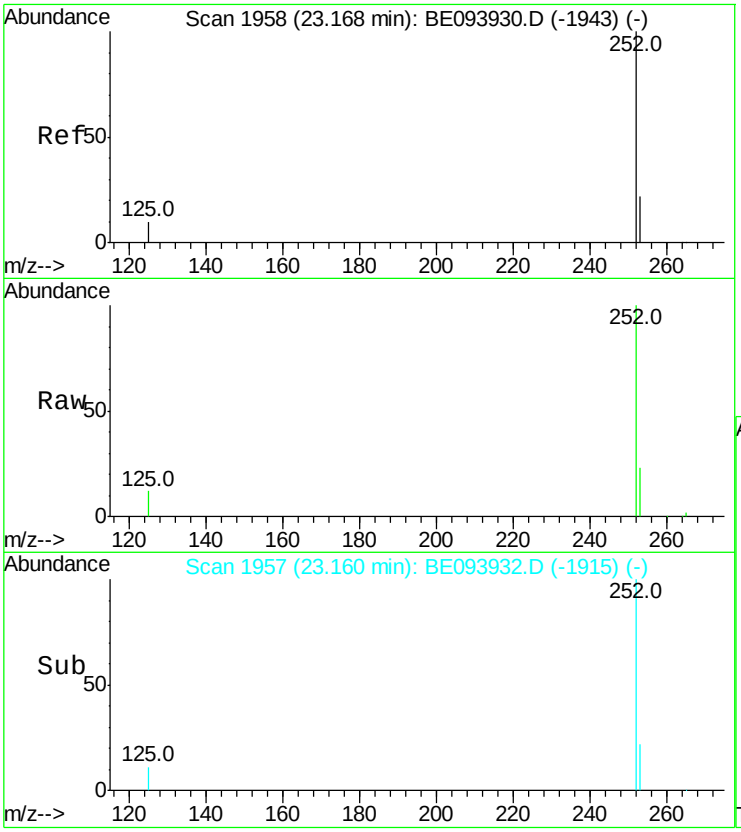


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.94 min Scan# 2128
Delta R.T. -0.00 min
Lab File: BE093932.D
Acq: 5 Sep 2017 11:58

Tgt Ion:264 Resp: 11464

Ion	Ratio	Lower	Upper
264	100		
260	25.9	20.0	30.0
265	38.4	24.0	36.0#



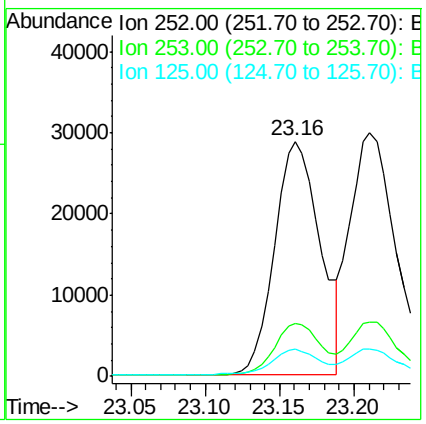


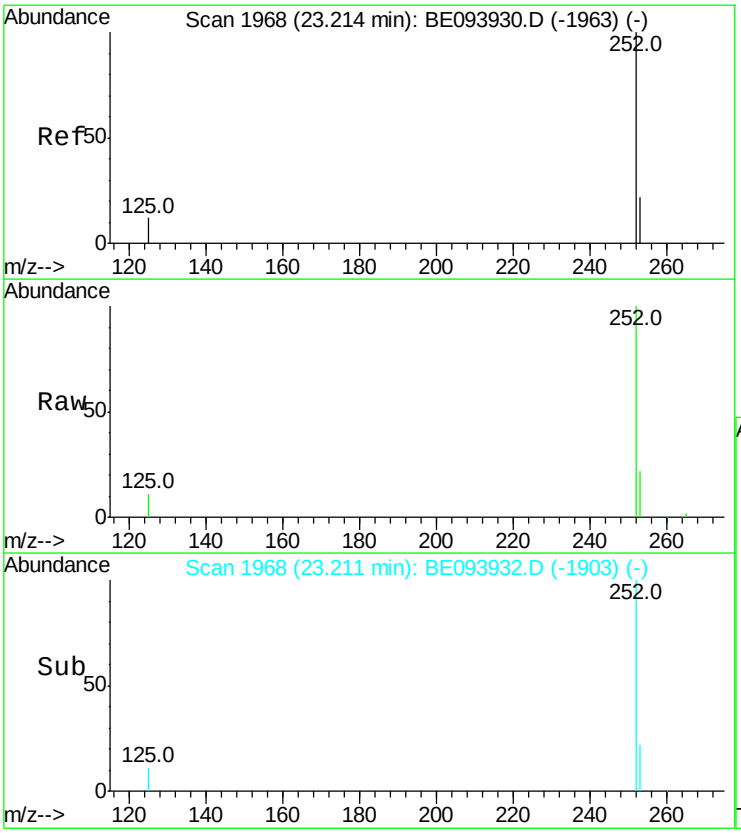
#35
Benzo(b)fluoranthene
Concen: 1.672 ng
RT: 23.16 min Scan# 1957
Delta R.T. -0.01 min
Lab File: BE093932.D
Acq: 5 Sep 2017 11:58

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:252 Resp: 61182

Ion	Ratio	Lower	Upper
252	100		
253	22.7	19.4	29.0
125	11.6	10.0	15.0

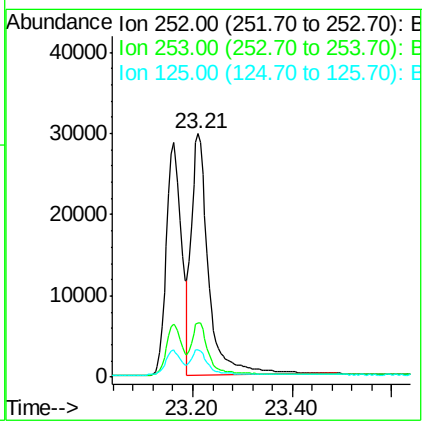


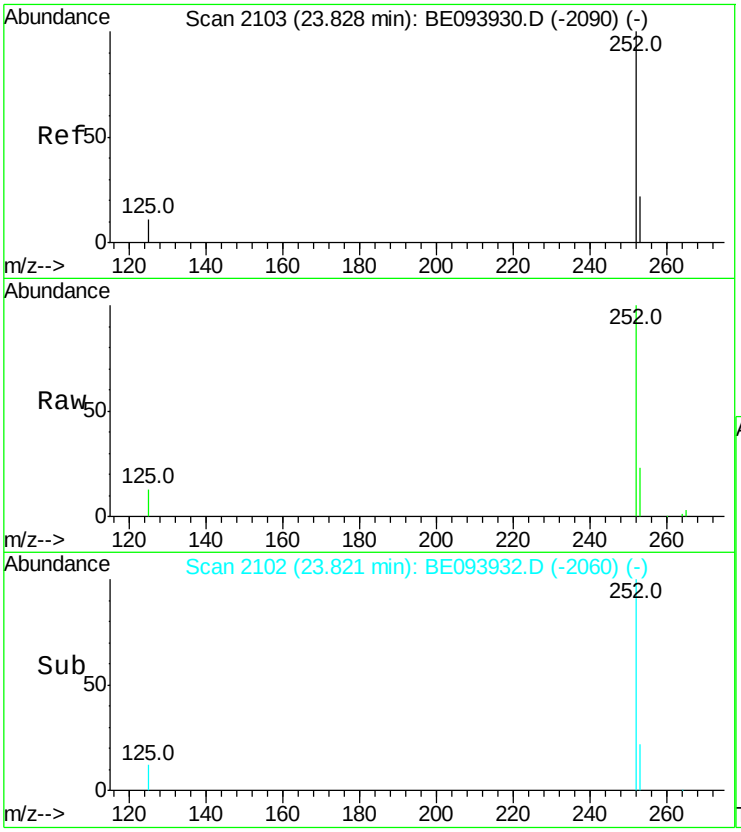


#36
Benzo(k)fluoranthene
Concen: 1.720 ng
RT: 23.21 min Scan# 1968
Delta R.T. -0.00 min
Lab File: BE093932.D
Acq: 5 Sep 2017 11:58

Tgt Ion:252 Resp: 71937

Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.1	27.1
125	11.4	9.8	14.6



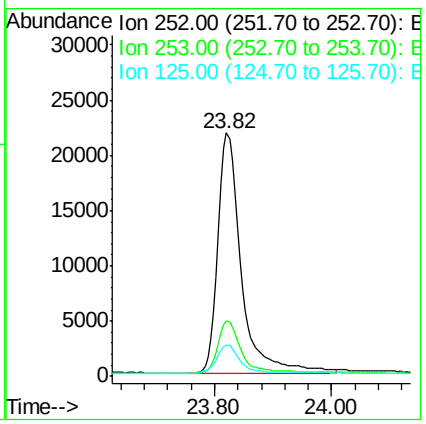


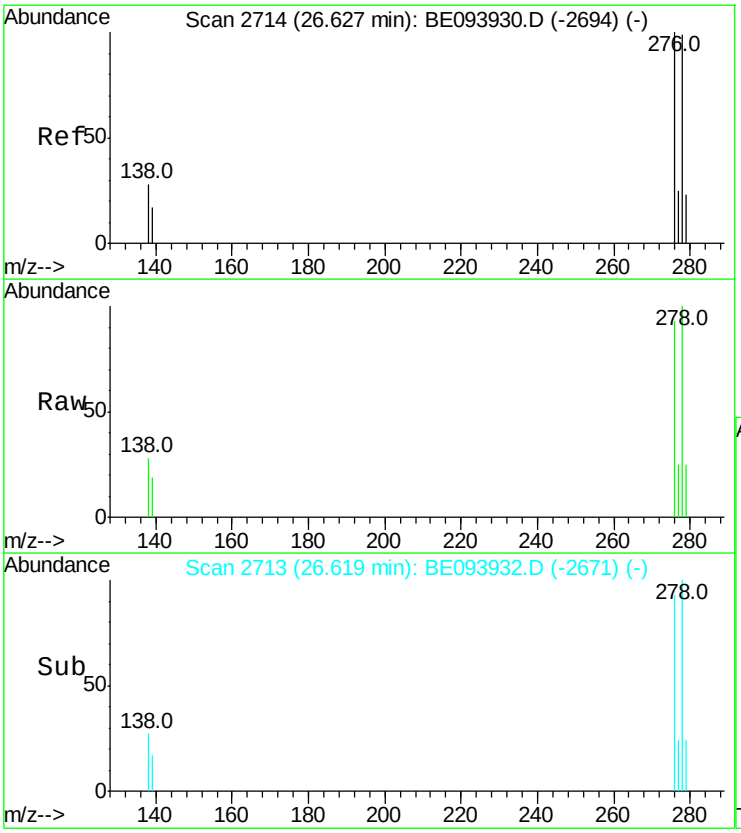
#37
Benzo(a)pyrene
Concen: 1.656 ng
RT: 23.82 min Scan# 2102
Delta R.T. -0.01 min
Lab File: BE093932.D
Acq: 5 Sep 2017 11:58

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:252 Resp: 60145

Ion	Ratio	Lower	Upper
252	100		
253	22.9	19.6	29.4
125	13.0	11.8	17.8

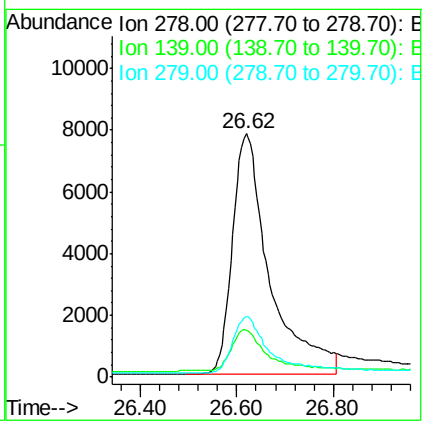


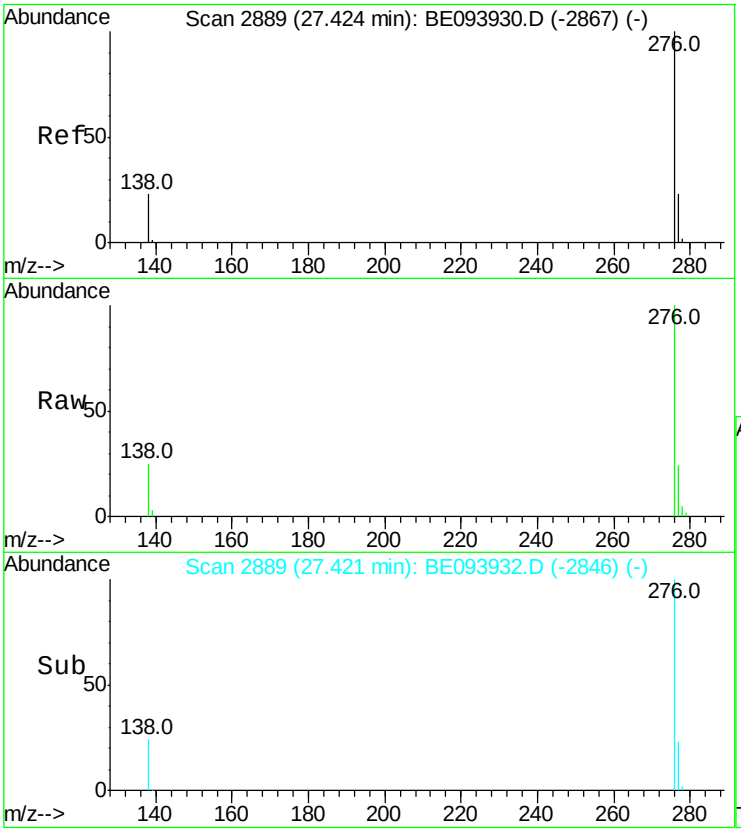


#38
Dibenzo(a,h)anthracene
Concen: 1.632 ng
RT: 26.62 min Scan# 2713
Delta R.T. -0.01 min
Lab File: BE093932.D
Acq: 5 Sep 2017 11:58

Tgt Ion:278 Resp: 41837

Ion	Ratio	Lower	Upper
278	100		
139	19.3	16.7	25.1
279	24.8	21.6	32.4





#39
Benzo(g,h,i)perylene
Concen: 1.513 ng
RT: 27.42 min Scan# 2889
Delta R.T. -0.00 min
Lab File: BE093932.D
Acq: 5 Sep 2017 11:58

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:276 Resp: 42274

Ion	Ratio	Lower	Upper
276	100		
277	24.4	20.6	30.8
138	24.7	21.9	32.9