Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE051518\
Data File : BE096573.D
Acq On : 15 May 2018 10:22
Operator : SJ/JU
Sample : SSTDICCC0.4
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDICCC0.4

Quant Time: May 15 11:49:23 2018
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE051518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 15 11:46:42 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.34	152	673	0.40	ng		0.00
7) Naphthalene-d8	11.18	136	2755	0.40	ng		0.00
13) Acenaphthene-d10	14.92	164	1651	0.40	ng		0.00
19) Phenanthrene-d10	17.64	188	3714	0.40	ng		0.00
27) Chrysene-d12	21.73	240	3531	0.40	ng		0.00
34) Perylene-d12	24.33	264	3270	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.86	112	671	0.32	ng		0.00
5) Phenol-d6	7.50	99	995	0.35	ng		0.00
8) Nitrobenzene-d5	9.44	82	101	0.03	ng		-0.09
11) 2-Methylnaphthalene-d10	12.72	152	1691	0.39	ng		0.00
14) 2,4,6-Tribromophenol	16.40	330	240	0.30	ng		0.00
15) 2-Fluorobiphenyl	13.56	172	2629	0.37	ng		0.00
25) Fluoranthene-d10	19.62	212	16919	0.34	ng		0.00
29) Terphenyl-d14	20.18	244	3088	0.40	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.59	88	361	0.347	ng		91
3) n-Nitrosodimethylamine	3.95	42	463	0.364	ng	#	69
6) bis(2-Chloroethyl)ether	7.75	93	924	0.366	ng		97
9) Naphthalene	11.22	128	10979	0.378	ng		99
10) Hexachlorobutadiene	11.49	225	563	0.437	ng		90
12) 2-Methylnaphthalene	12.79	142	1863	0.388	ng	#	94
16) Acenaphthylene	14.66	152	3173	0.360	ng		99
17) Acenaphthene	14.99	154	1972	0.372	ng		94
18) Fluorene	15.96	166	2433	0.371	ng	#	60
20) 4-Bromophenyl-phenylether	16.82	248	845	0.383	ng	#	77
21) Hexachlorobenzene	16.95	284	880	0.400	ng	#	80
22) Pentachlorophenol	17.31	266	127	0.176	ng		89
23) Phenanthrene	17.67	178	3949	0.378	ng		99
24) Anthracene	17.77	178	3653	0.366	ng		95
26) Fluoranthene	19.65	202	4665	0.340	ng	#	97
28) Pyrene	20.00	202	2401	0.345	ng		96
30) Benzo(a)anthracene	21.72	228	4050	0.358	ng		98
31) Chrysene	21.78	228	4264	0.390	ng		99
32) Bis(2-ethylhexyl)phthalate	21.58	149	8354	0.286	ng		100
33) Indeno(1,2,3-cd)pyrene	27.10	276	4125	0.389	ng	#	93
35) Benzo(b)fluoranthene	23.53	252	3776	0.385	ng	#	91
36) Benzo(k)fluoranthene	23.57	252	3989	0.395	ng		93
37) Benzo(a)pyrene	24.21	252	3636	0.386	ng	#	91
38) Dibenzo(a,h)anthracene	27.11	278	3352	0.403	ng		98
39) Benzo(g,h,i)perylene	27.96	276	3464	0.394	ng	#	90

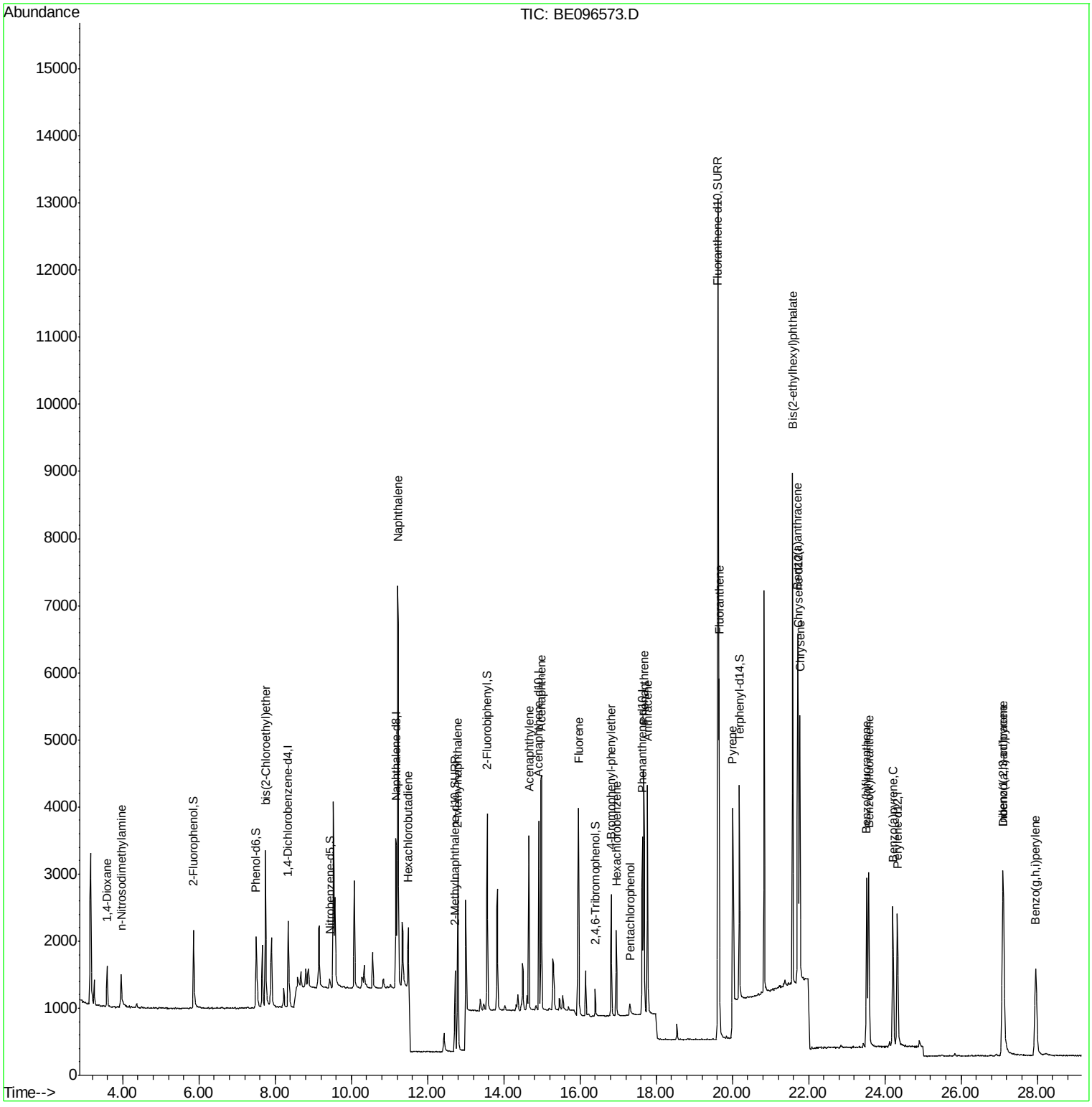
(#) = qualifier out of range (m) = manual integration (+) = signals summed

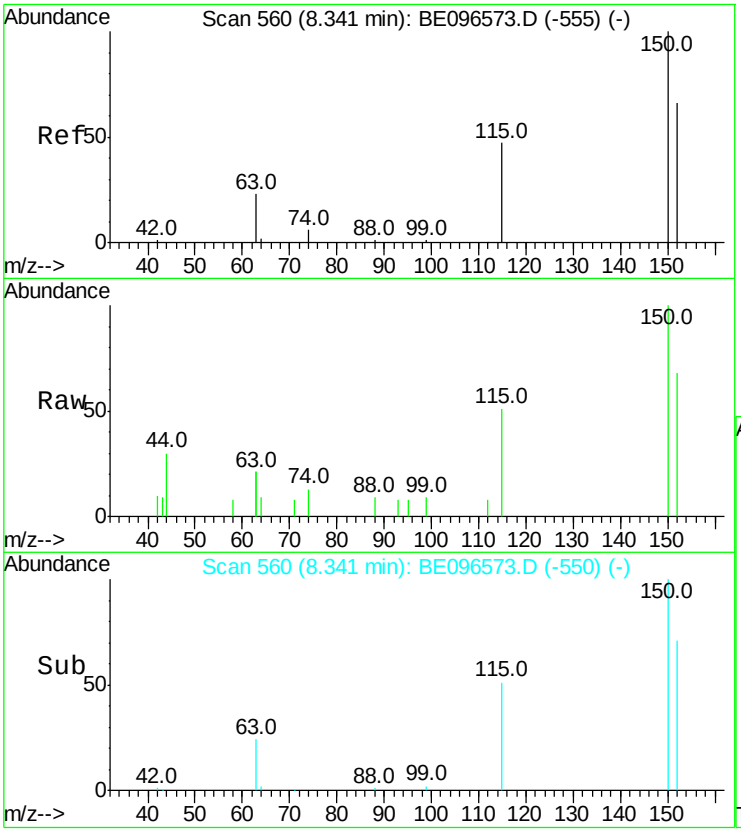
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE051518\
Data File : BE096573.D
Acq On : 15 May 2018 10:22
Operator : SJ/JU
Sample : SSTDICCC0.4
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Quant Time: May 15 11:49:23 2018
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE051518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 15 11:46:42 2018
Response via : Initial Calibration



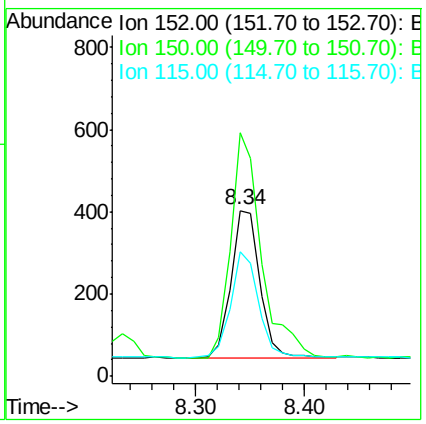


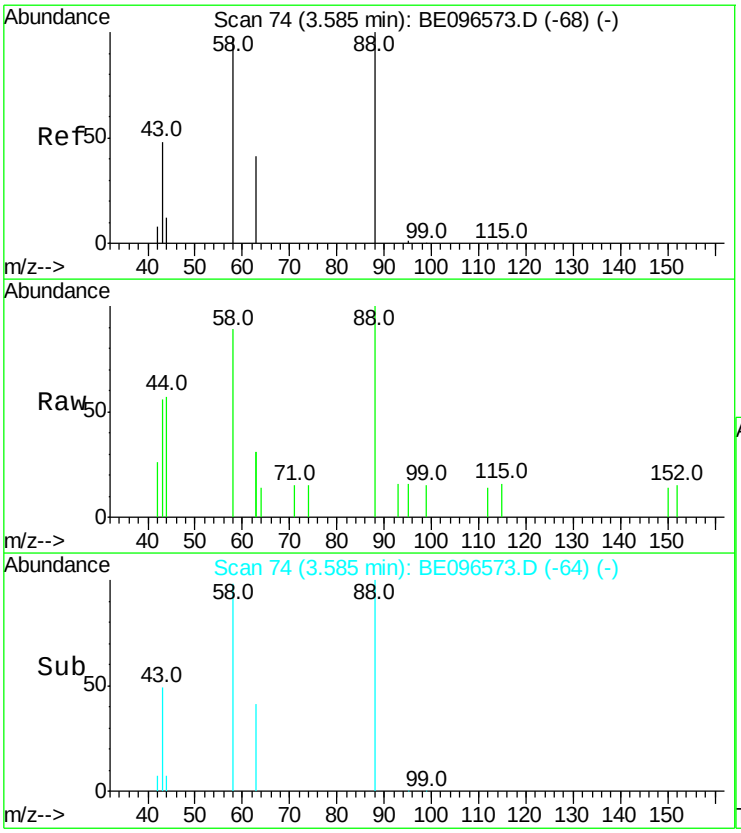
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.34 min Scan# 560
Delta R.T. 0.00 min
Lab File: BE096573.D
Acq: 15 May 2018 10:22

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tgt Ion:152 Resp: 673

Ion	Ratio	Lower	Upper
152	100		
150	146.9	117.2	175.8
115	75.4	57.0	85.6

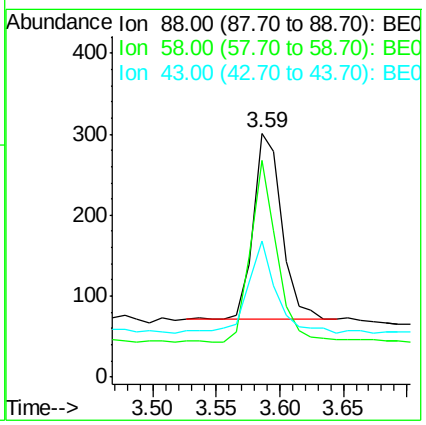


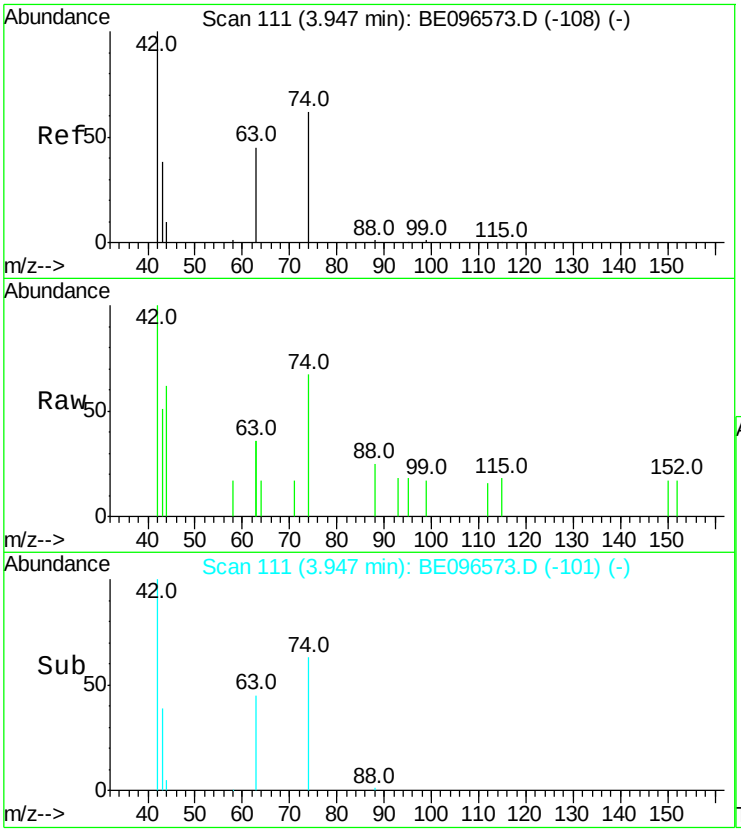


#2
1,4-Dioxane
Concen: 0.347 ng
RT: 3.59 min Scan# 74
Delta R.T. 0.00 min
Lab File: BE096573.D
Acq: 15 May 2018 10:22

Tgt Ion: 88 Resp: 361

Ion	Ratio	Lower	Upper
88	100		
58	88.9	63.2	94.8
43	47.4	41.2	61.8



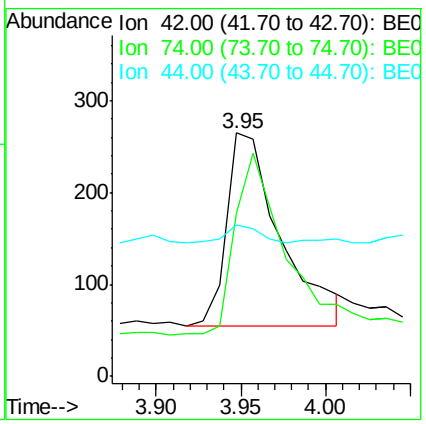


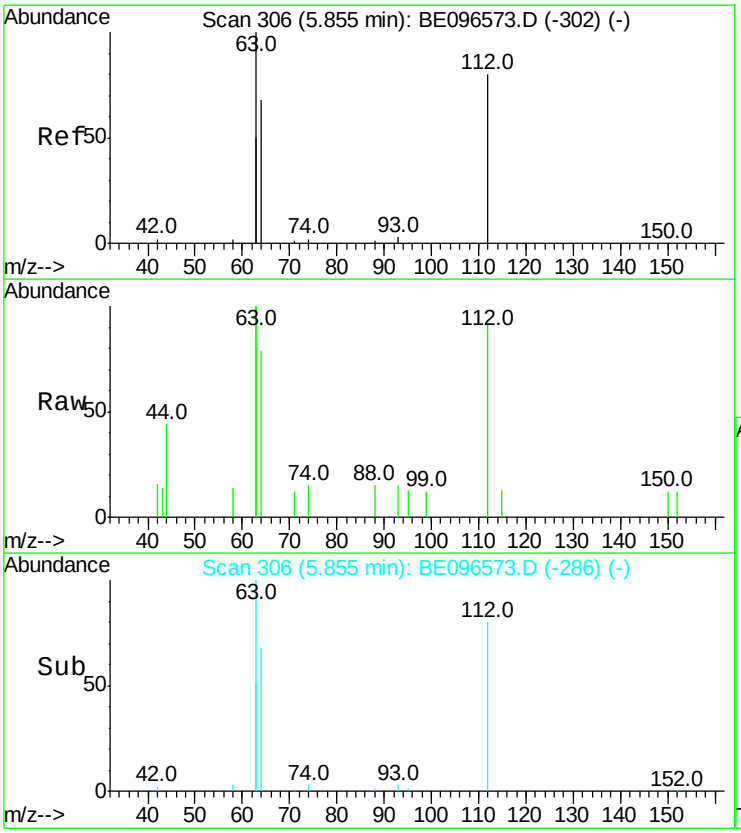
#3
n-Nitrosodimethylamine
Concen: 0.364 ng
RT: 3.95 min Scan# 111
Delta R.T. 0.00 min
Lab File: BE096573.D
Acq: 15 May 2018 10:22

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tgt Ion: 42 Resp: 463

Ion	Ratio	Lower	Upper
42	100		
74	83.8	96.0	144.0#
44	5.6	12.0	18.0#

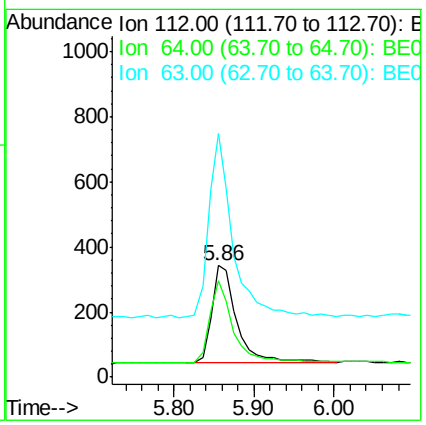


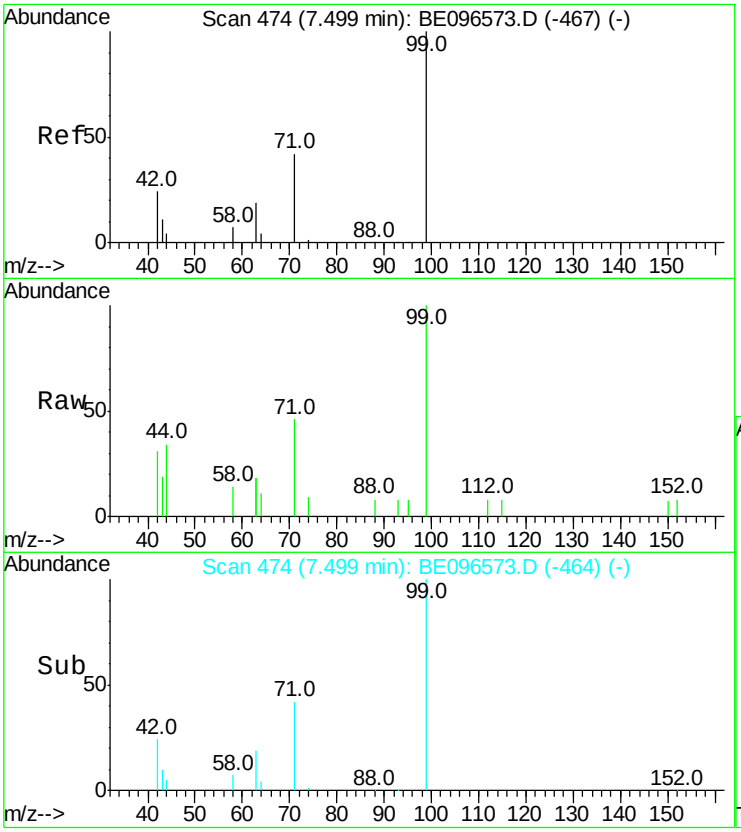


#4
2-Fluorophenol
Concen: 0.322 ng
RT: 5.86 min Scan# 306
Delta R.T. 0.00 min
Lab File: BE096573.D
Acq: 15 May 2018 10:22

Tgt Ion:112 Resp: 671

Ion	Ratio	Lower	Upper
112	100		
64	81.2	60.1	90.1
63	176.9	116.8	175.2#



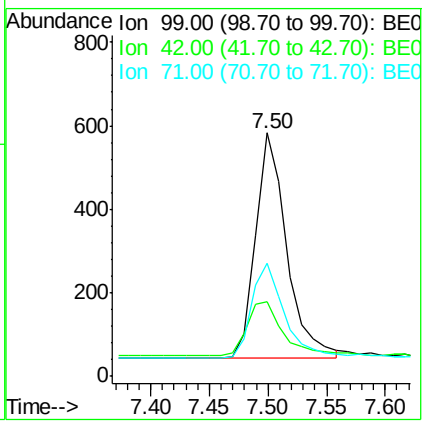


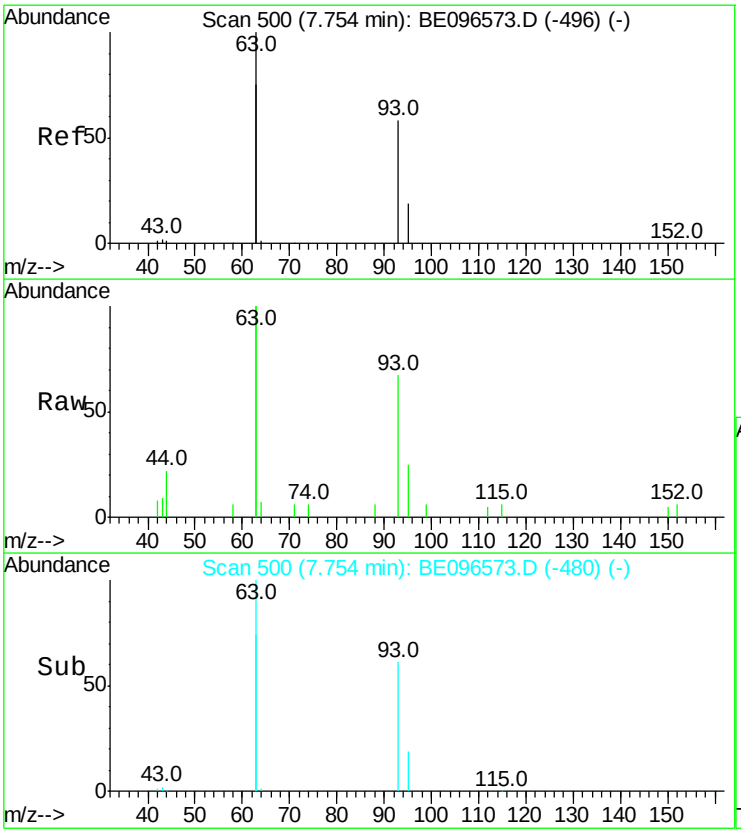
#5
Phenol-d6
Concen: 0.346 ng
RT: 7.50 min Scan# 474
Delta R.T. 0.00 min
Lab File: BE096573.D
Acq: 15 May 2018 10:22

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tgt Ion: 99 Resp: 995

Ion	Ratio	Lower	Upper
99	100		
42	26.8	20.2	30.2
71	44.2	28.4	42.6#

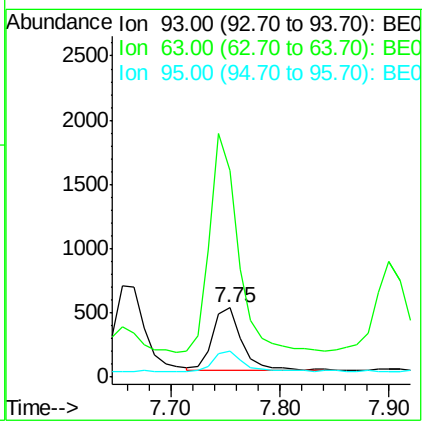


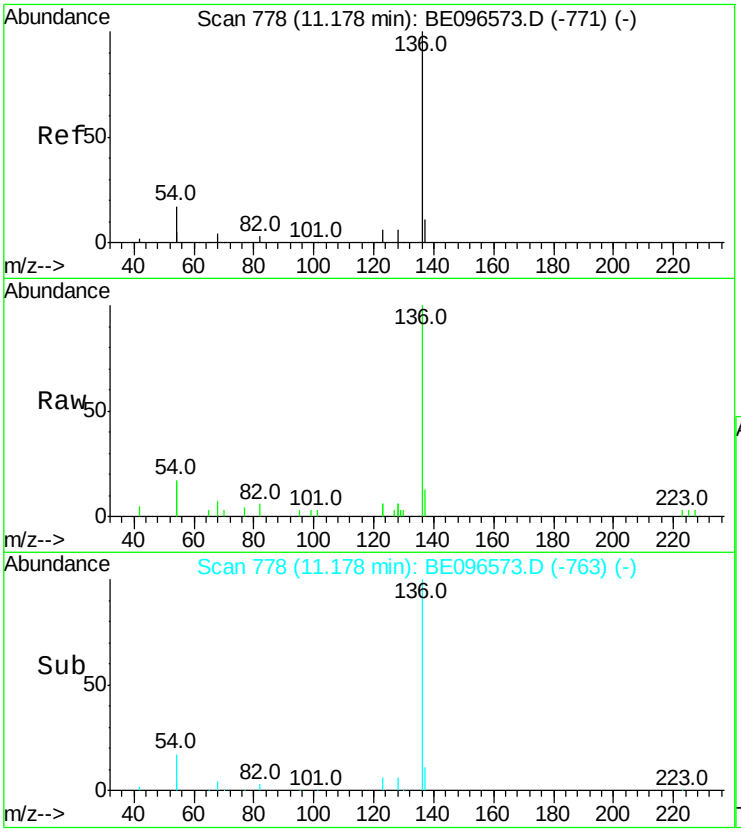


#6
bis(2-Chloroethyl)ether
Concen: 0.366 ng
RT: 7.75 min Scan# 500
Delta R.T. 0.00 min
Lab File: BE096573.D
Acq: 15 May 2018 10:22

Tgt Ion: 93 Resp: 924

Ion	Ratio	Lower	Upper
93	100		
63	336.7	275.3	412.9
95	32.0	25.2	37.8



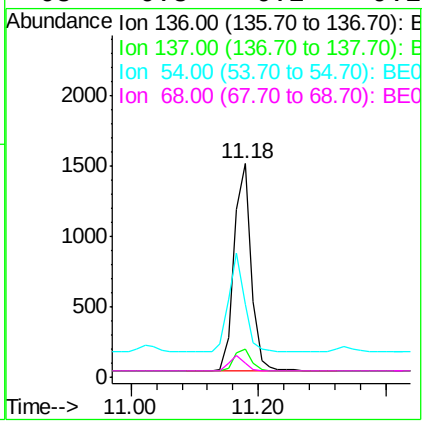


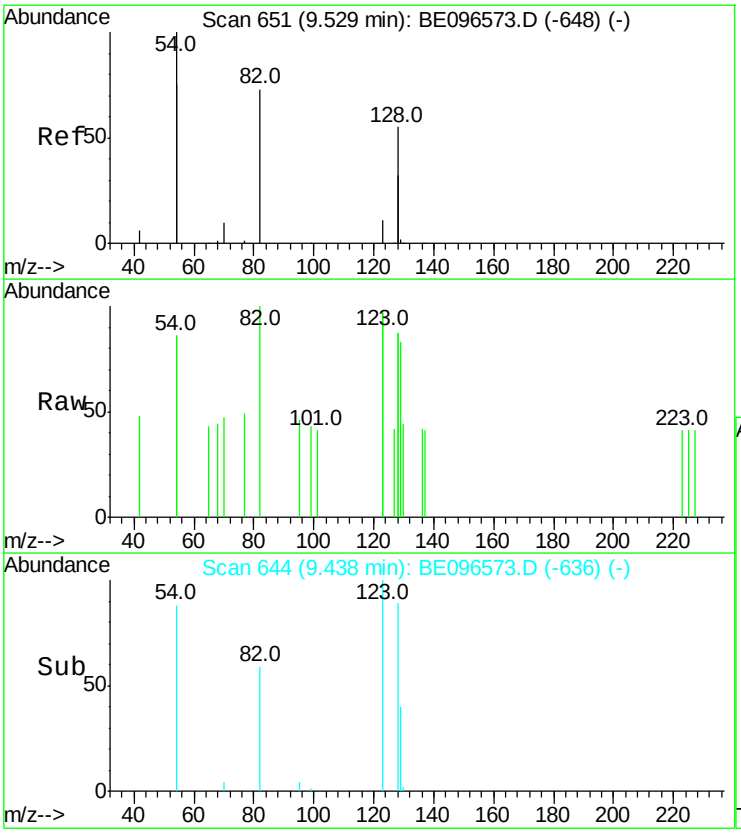
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 11.18 min Scan# 778
Delta R.T. 0.00 min
Lab File: BE096573.D
Acq: 15 May 2018 10:22

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tgt Ion:136 Resp: 2755

Ion	Ratio	Lower	Upper
136	100		
137	13.2	9.5	14.3
54	33.9	29.1	43.7
68	6.8	6.2	9.2

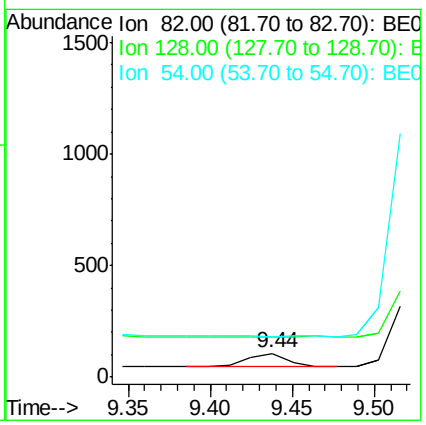


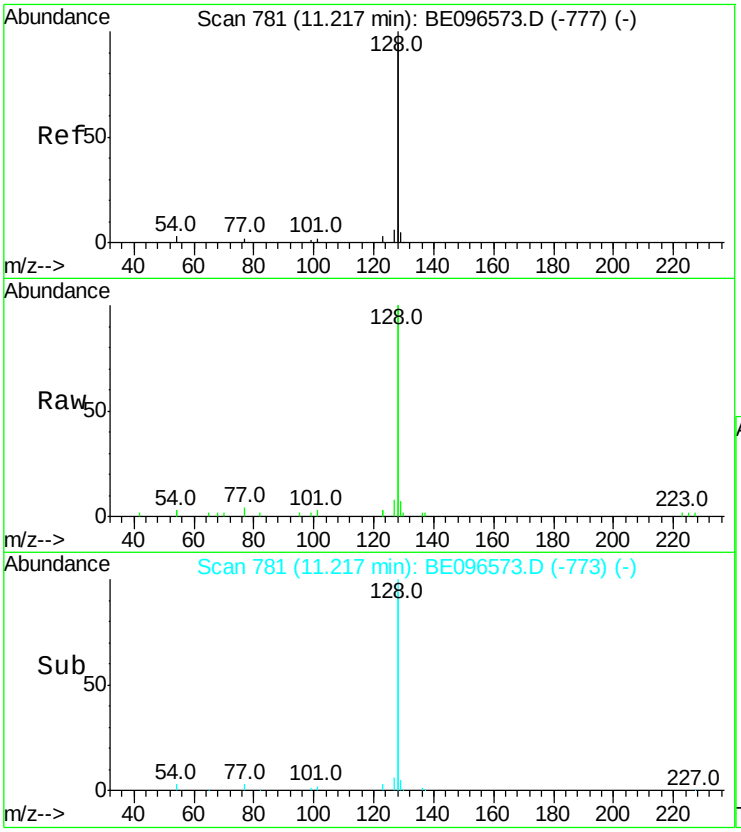


#8
Nitrobenzene-d5
Concen: 0.031 ng
RT: 9.44 min Scan# 644
Delta R.T. -0.09 min
Lab File: BE096573.D
Acq: 15 May 2018 10:22

Tgt Ion: 82 Resp: 101

Ion	Ratio	Lower	Upper
82	100		
128	173.3	150.0	225.0
54	171.4	154.2	231.4



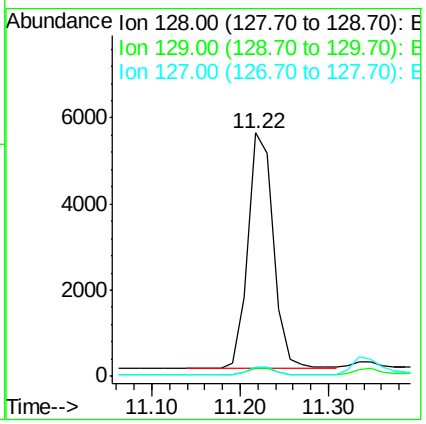


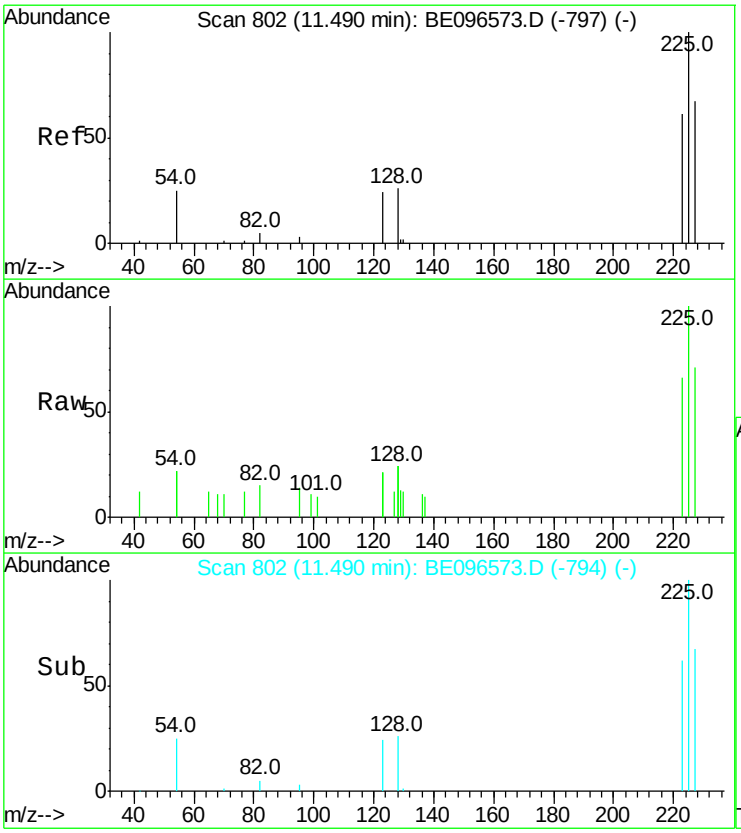
#9
Naphthalene
Concen: 0.378 ng
RT: 11.22 min Scan# 781
Delta R.T. 0.00 min
Lab File: BE096573.D
Acq: 15 May 2018 10:22

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tgt Ion:128 Resp: 10979

Ion	Ratio	Lower	Upper
128	100		
129	3.3	2.6	3.8
127	4.0	2.8	4.2

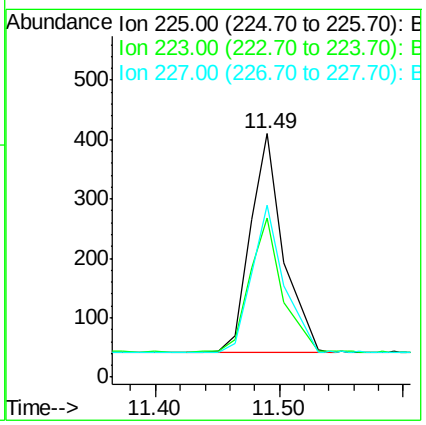


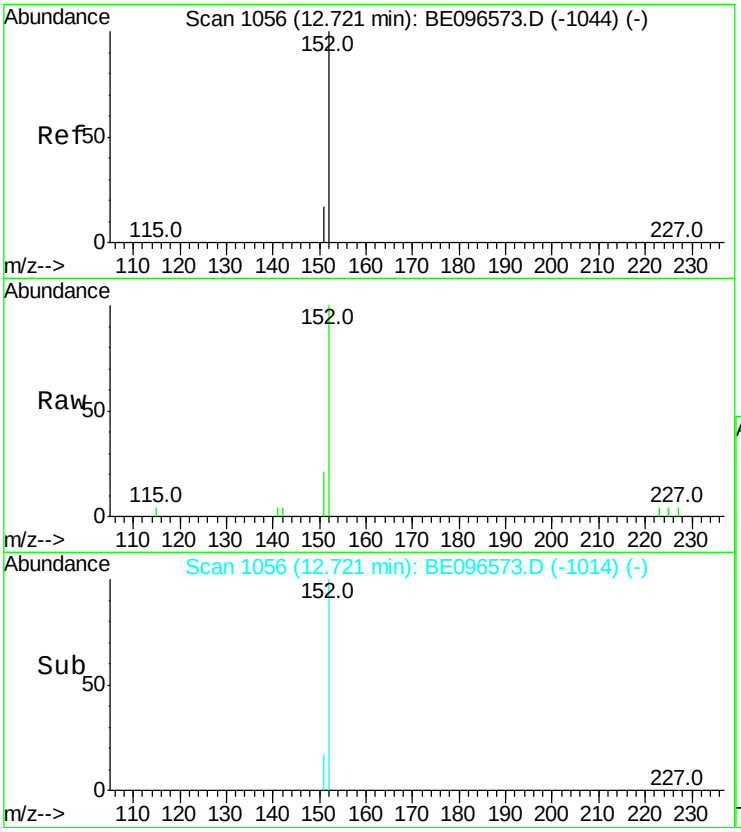


#10
Hexachlorobutadiene
Concen: 0.437 ng
RT: 11.49 min Scan# 802
Delta R.T. 0.00 min
Lab File: BE096573.D
Acq: 15 May 2018 10:22

Tgt Ion:225 Resp: 563

Ion	Ratio	Lower	Upper
225	100		
223	61.1	53.0	79.6
227	75.1	51.4	77.2



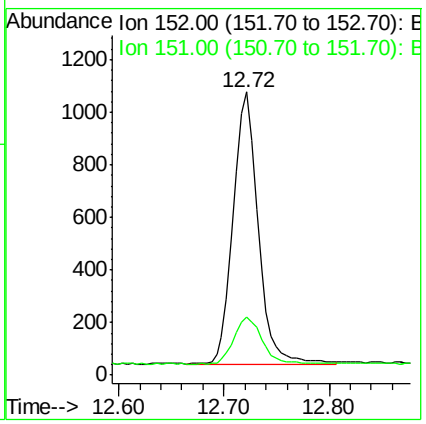


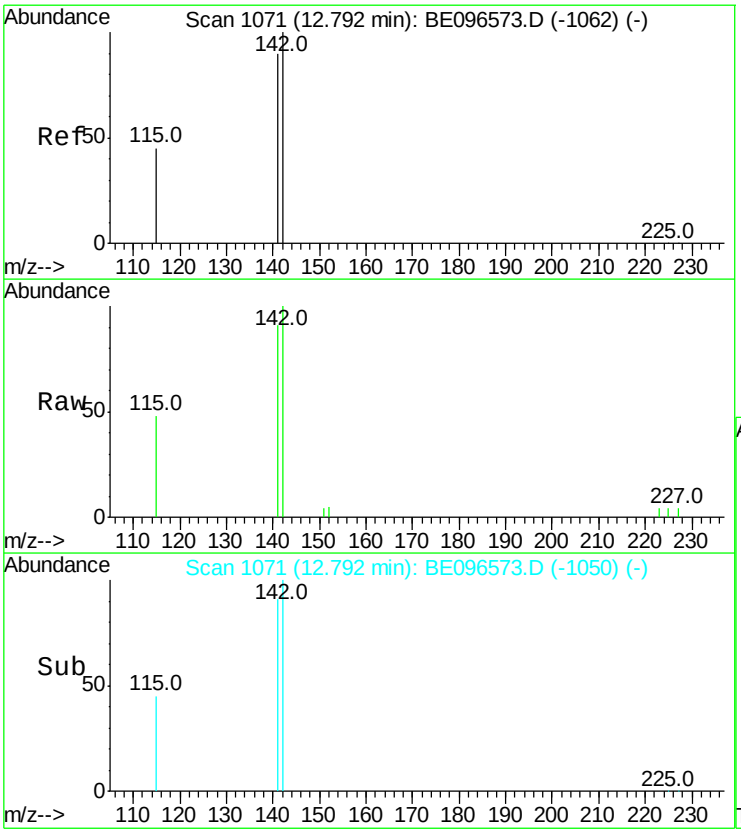
#11
2-Methylnaphthalene-d10
Concen: 0.387 ng
RT: 12.72 min Scan# 1056
Delta R.T. 0.00 min
Lab File: BE096573.D
Acq: 15 May 2018 10:22

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tgt Ion:152 Resp: 1691

Ion	Ratio	Lower	Upper
152	100		
151	19.3	15.4	23.0

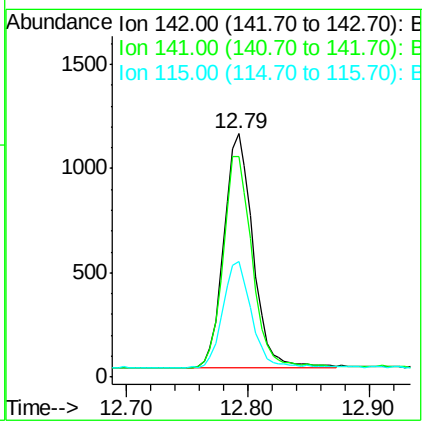


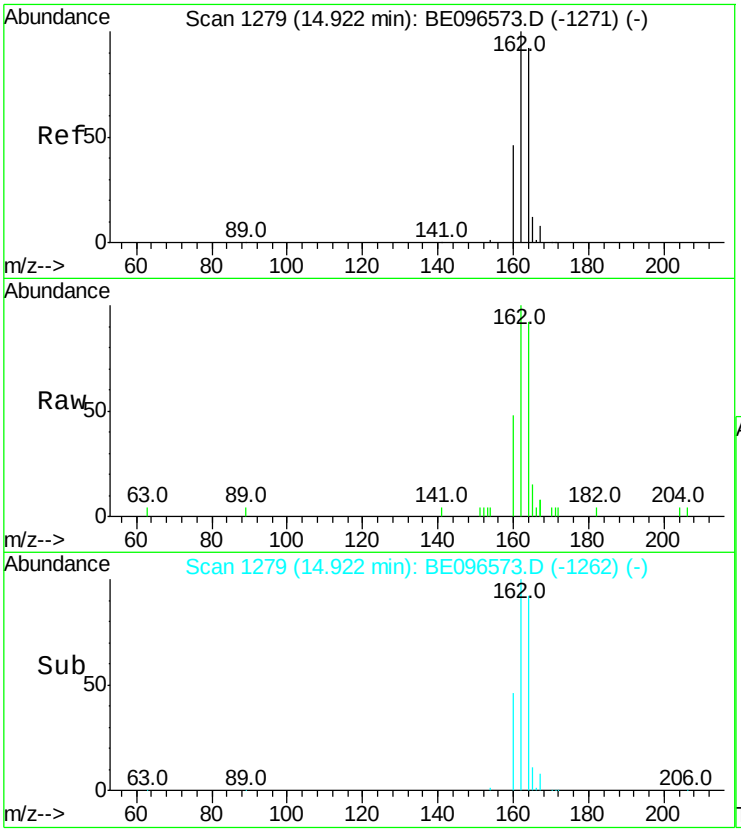


#12
2-Methylnaphthalene
Concen: 0.388 ng
RT: 12.79 min Scan# 1071
Delta R.T. 0.00 min
Lab File: BE096573.D
Acq: 15 May 2018 10:22

Tgt Ion:142 Resp: 1863

Ion	Ratio	Lower	Upper
142	100		
141	90.8	70.4	105.6
115	47.7	31.7	47.5#



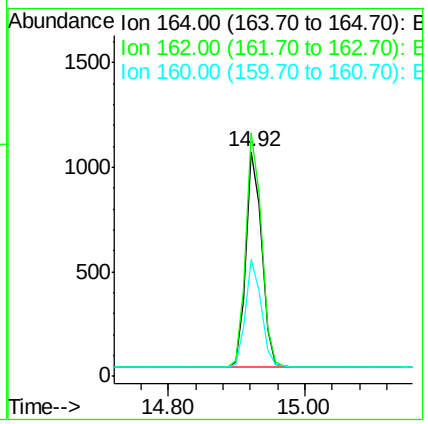


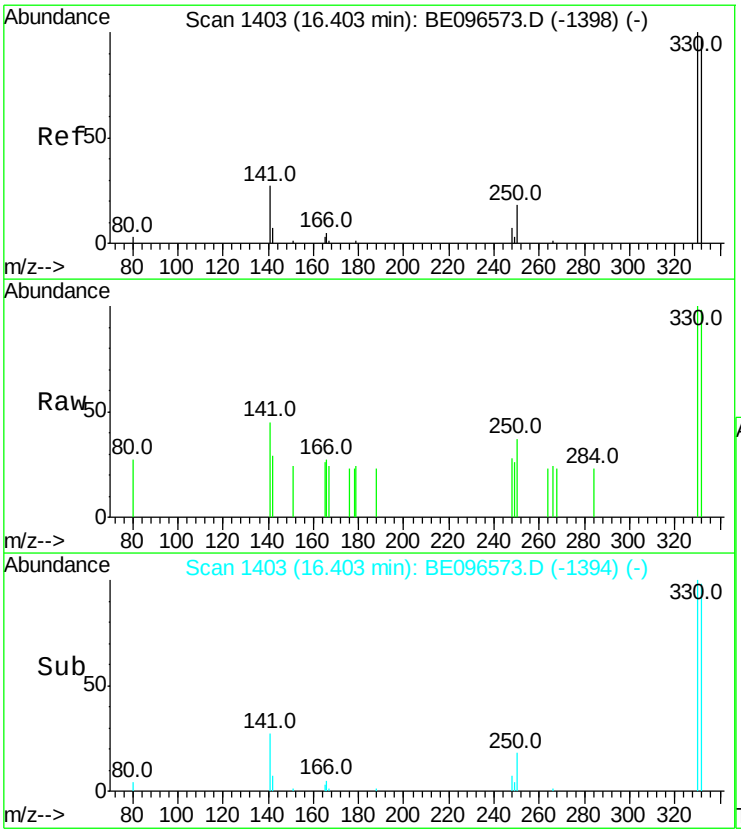
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.92 min Scan# 1279
Delta R.T. 0.00 min
Lab File: BE096573.D
Acq: 15 May 2018 10:22

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tgt Ion:164 Resp: 1651

Ion	Ratio	Lower	Upper
164	100		
162	108.2	83.1	124.7
160	52.2	37.1	55.7

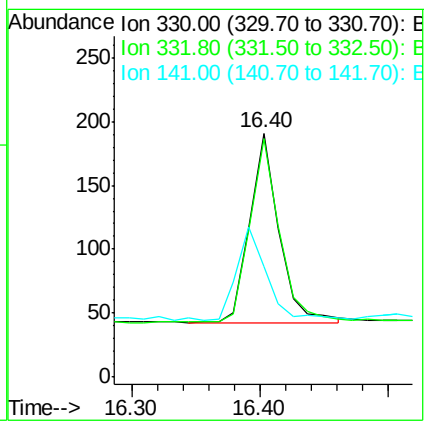


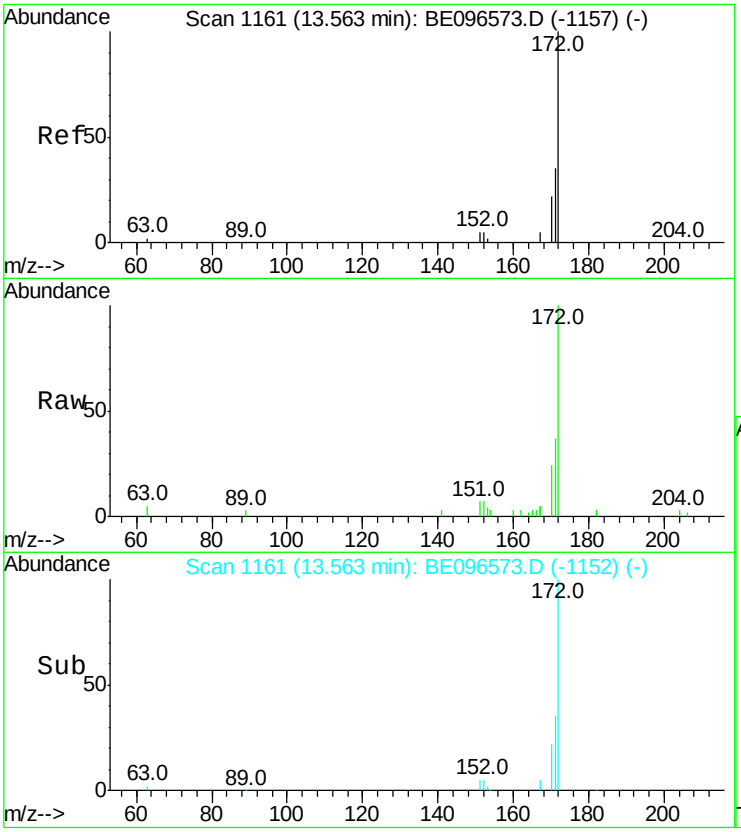


#14
2,4,6-Tribromophenol
Concen: 0.301 ng
RT: 16.40 min Scan# 1403
Delta R.T. 0.00 min
Lab File: BE096573.D
Acq: 15 May 2018 10:22

Tgt Ion:330 Resp: 240

Ion	Ratio	Lower	Upper
330	100		
332	95.8	152.7	229.1#
141	50.0	33.7	50.5



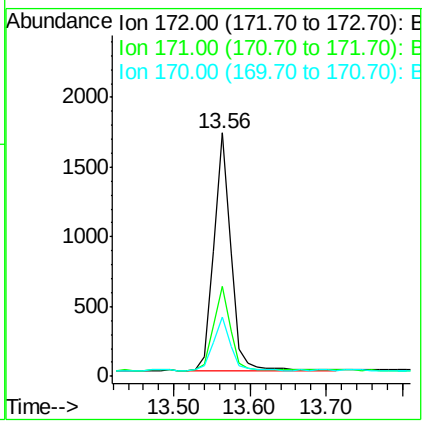


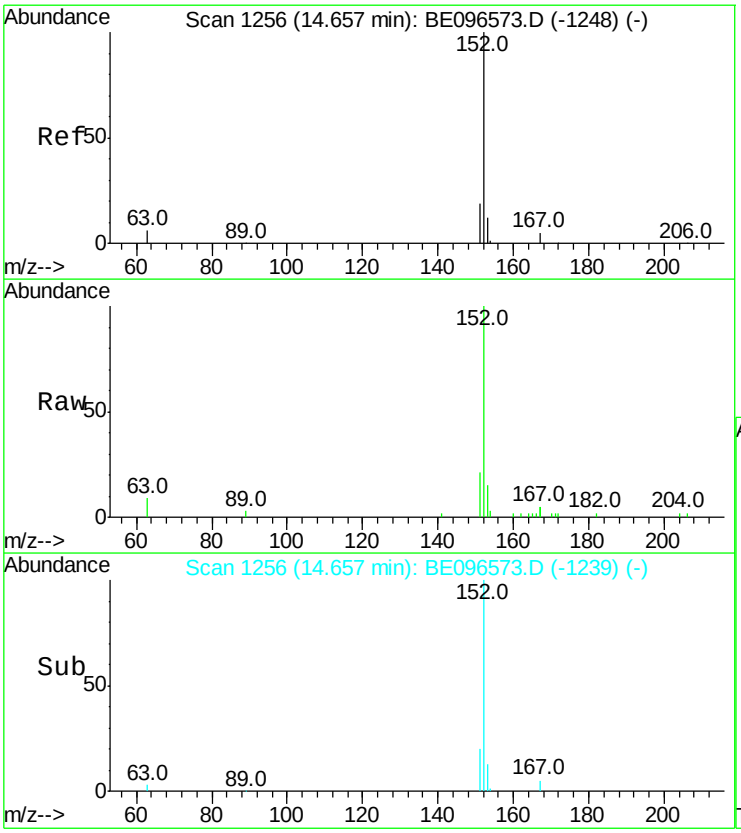
#15
2-Fluorobiphenyl
Concen: 0.372 ng
RT: 13.56 min Scan# 1161
Delta R.T. 0.00 min
Lab File: BE096573.D
Acq: 15 May 2018 10:22

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tgt Ion:172 Resp: 2629

Ion	Ratio	Lower	Upper
172	100		
171	36.8	29.9	44.9
170	24.2	21.8	32.8

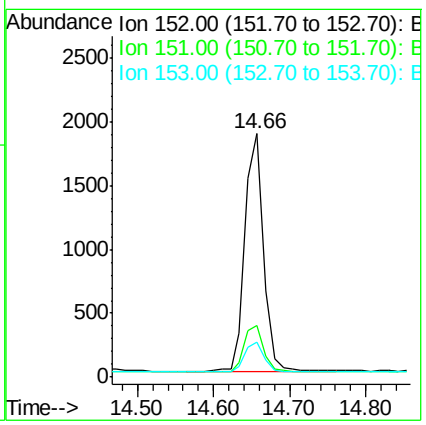


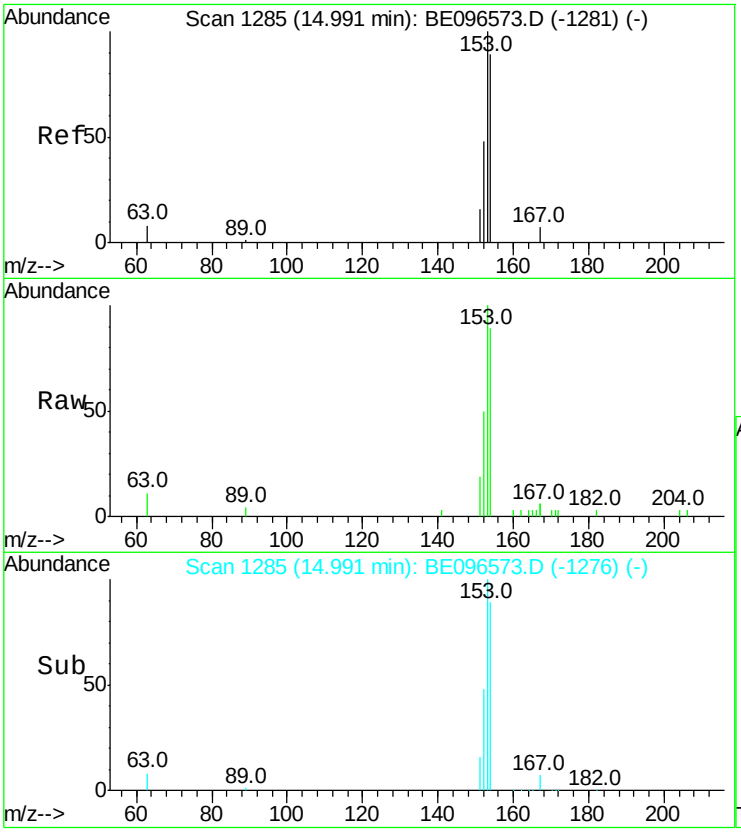


#16
Acenaphthylene
Concen: 0.360 ng
RT: 14.66 min Scan# 1256
Delta R.T. 0.00 min
Lab File: BE096573.D
Acq: 15 May 2018 10:22

Tgt Ion:152 Resp: 3173

Ion	Ratio	Lower	Upper
152	100		
151	20.1	15.7	23.5
153	12.4	10.5	15.7



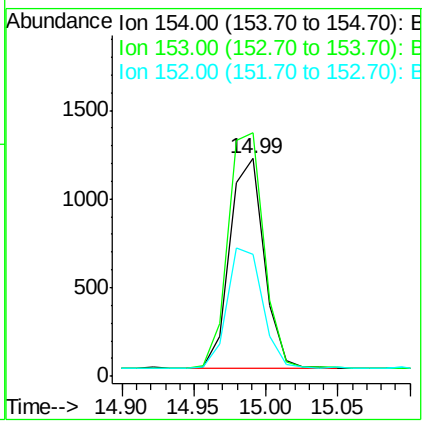


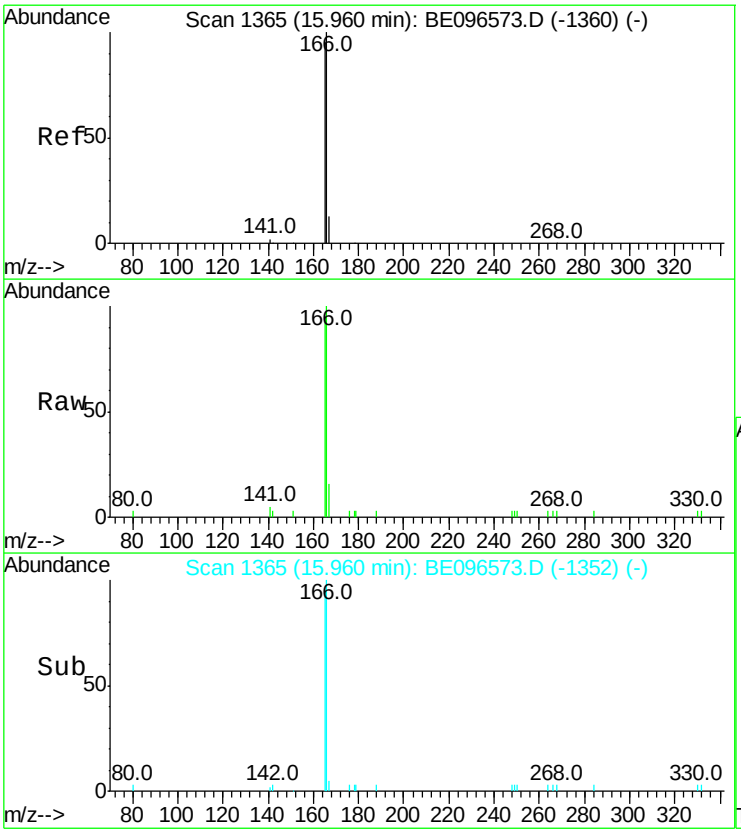
#17
Acenaphthene
Concen: 0.372 ng
RT: 14.99 min Scan# 1285
Delta R.T. 0.00 min
Lab File: BE096573.D
Acq: 15 May 2018 10:22

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tgt Ion:154 Resp: 1972

Ion	Ratio	Lower	Upper
154	100		
153	116.6	89.2	133.8
152	58.9	42.0	63.0

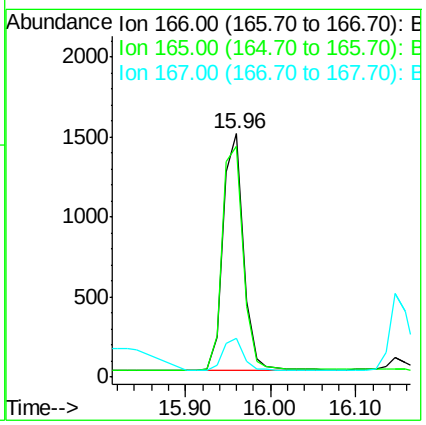


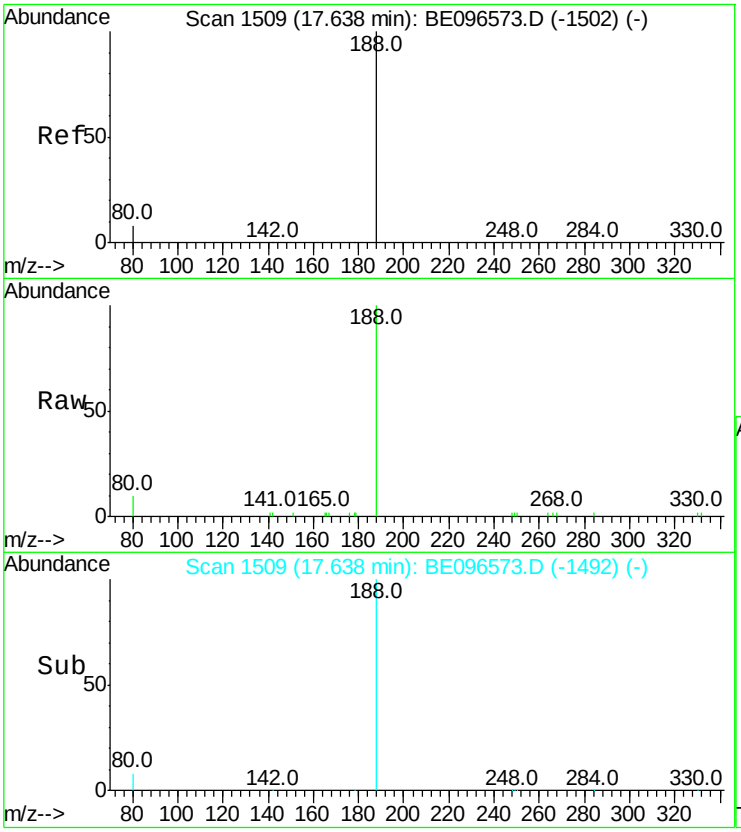


#18
Fluorene
Concen: 0.371 ng
RT: 15.96 min Scan# 1365
Delta R.T. 0.00 min
Lab File: BE096573.D
Acq: 15 May 2018 10:22

Tgt Ion:166 Resp: 2433

Ion	Ratio	Lower	Upper
166	100		
165	128.4	77.8	116.6#
167	14.0	42.4	63.6#



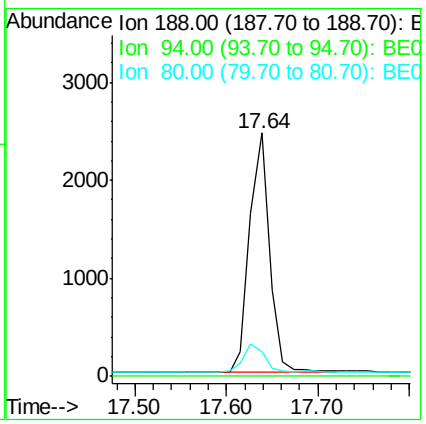


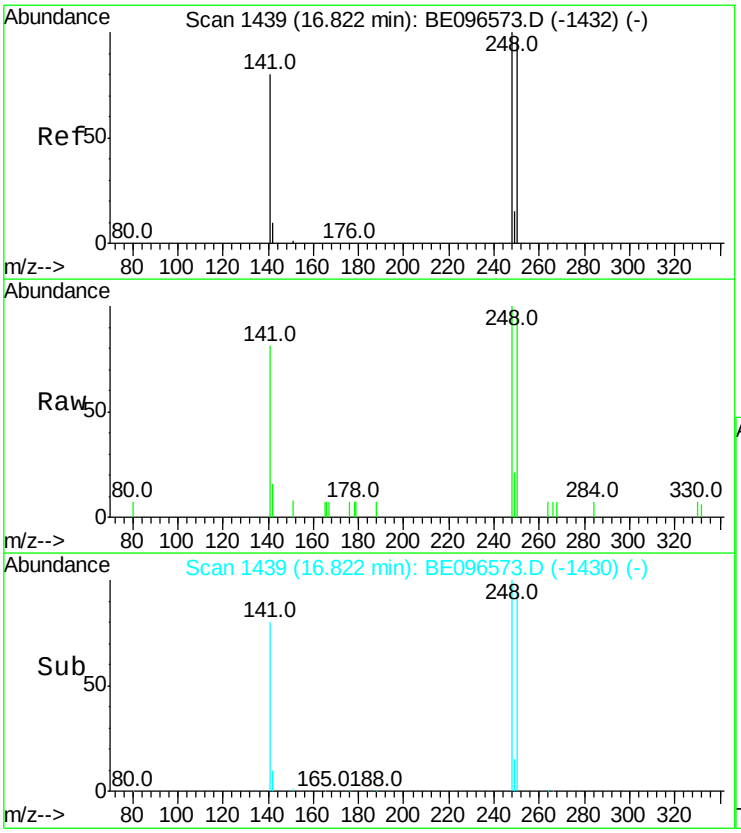
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.64 min Scan# 1509
Delta R.T. 0.00 min
Lab File: BE096573.D
Acq: 15 May 2018 10:22

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tgt Ion:188 Resp: 3714

Ion	Ratio	Lower	Upper
188	100		
94	0.0	3.9	5.9#
80	10.0	3.6	5.4#

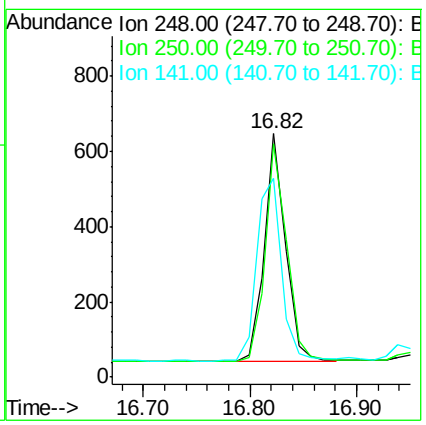


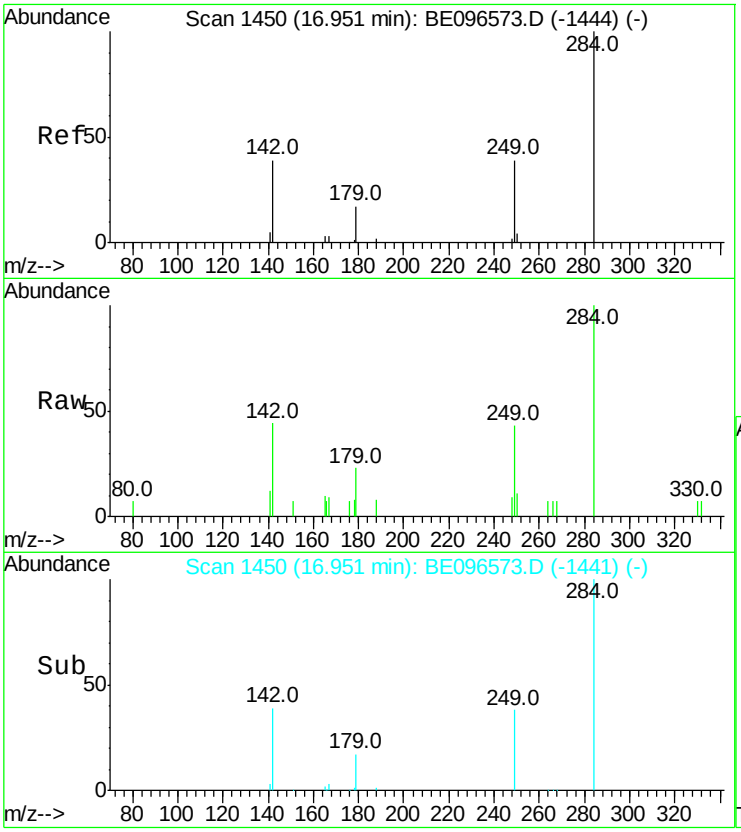


#20
4-Bromophenyl-phenylether
Concen: 0.383 ng
RT: 16.82 min Scan# 1439
Delta R.T. 0.00 min
Lab File: BE096573.D
Acq: 15 May 2018 10:22

Tgt Ion:248 Resp: 845

Ion	Ratio	Lower	Upper
248	100		
250	95.7	62.7	94.1#
141	81.5	48.2	72.2#



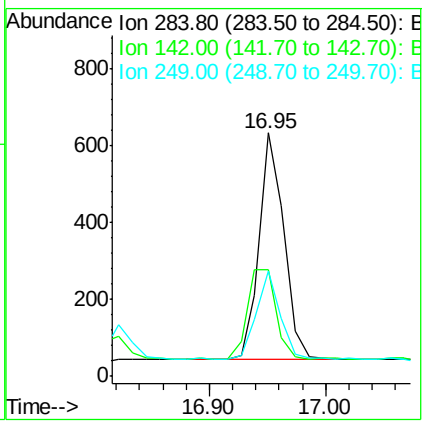


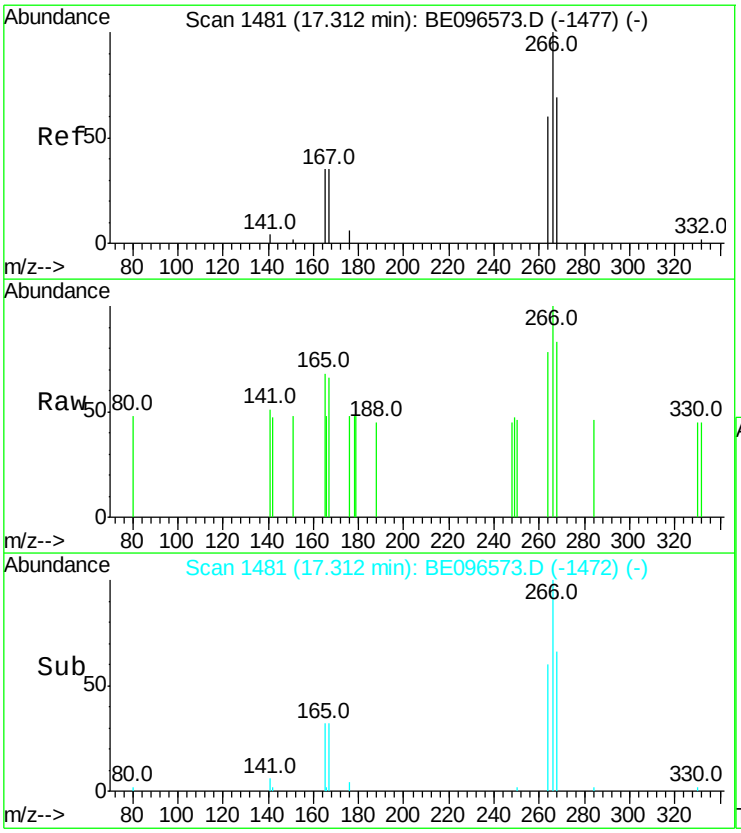
#21
Hexachlorobenzene
Concen: 0.400 ng
RT: 16.95 min Scan# 1450
Delta R.T. 0.00 min
Lab File: BE096573.D
Acq: 15 May 2018 10:22

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tgt Ion:284 Resp: 880

Ion	Ratio	Lower	Upper
284	100		
142	46.1	22.1	33.1#
249	37.0	34.8	52.2

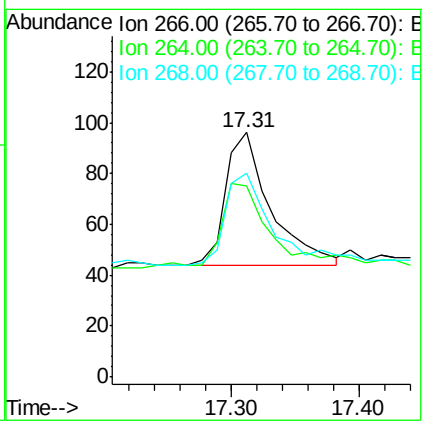


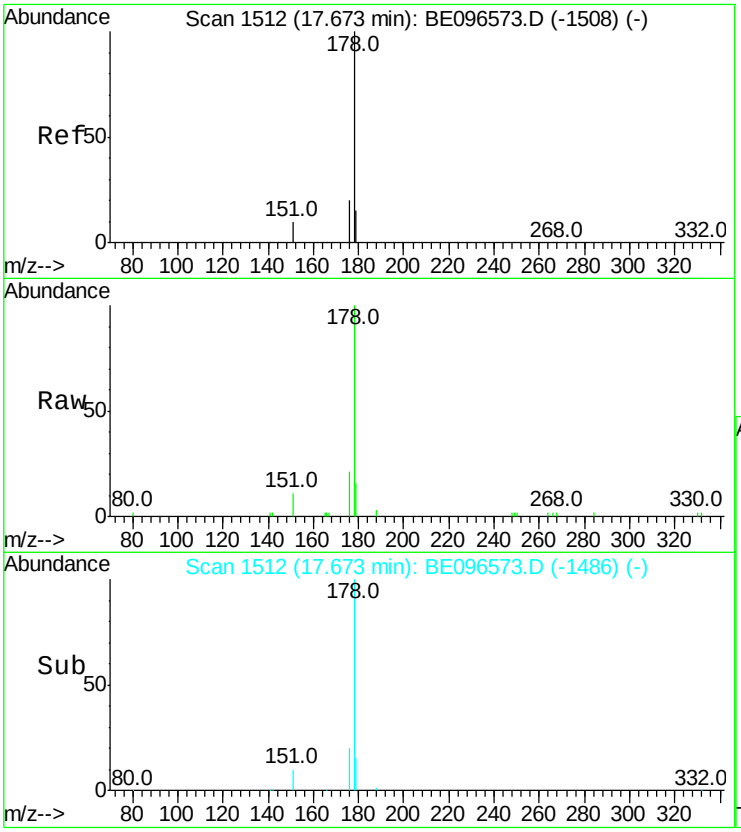


#22
Pentachlorophenol
Concen: 0.176 ng
RT: 17.31 min Scan# 1481
Delta R.T. 0.00 min
Lab File: BE096573.D
Acq: 15 May 2018 10:22

Tgt Ion:266 Resp: 127

Ion	Ratio	Lower	Upper
266	100		
264	78.1	72.5	108.7
268	83.3	73.8	110.6



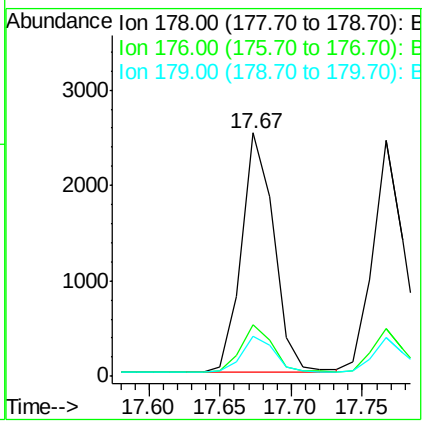


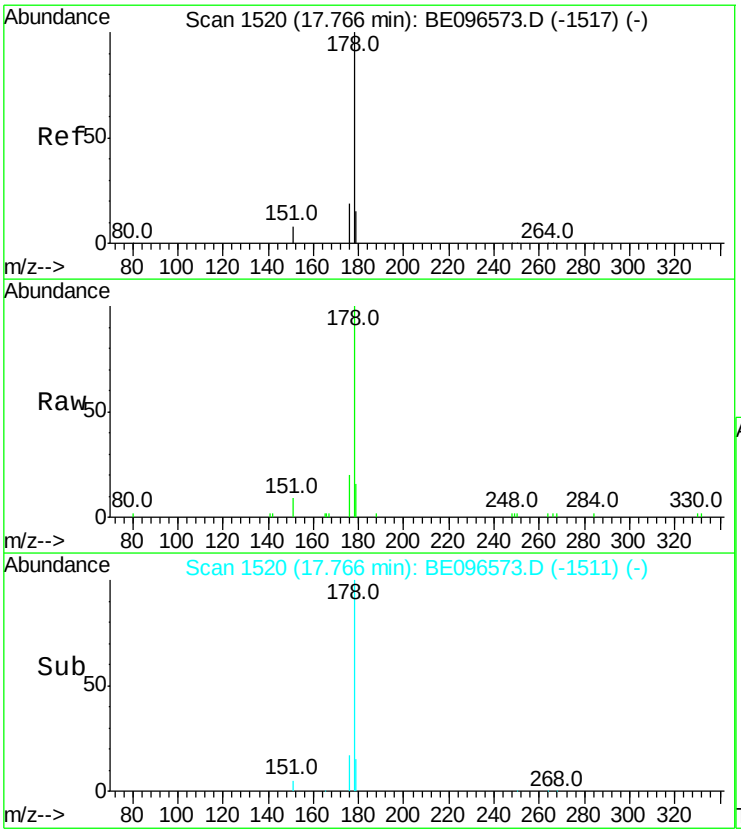
#23
Phenanthrene
Concen: 0.378 ng
RT: 17.67 min Scan# 1512
Delta R.T. 0.00 min
Lab File: BE096573.D
Acq: 15 May 2018 10:22

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tgt Ion:178 Resp: 3949

Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.1	22.7
179	14.6	11.8	17.6

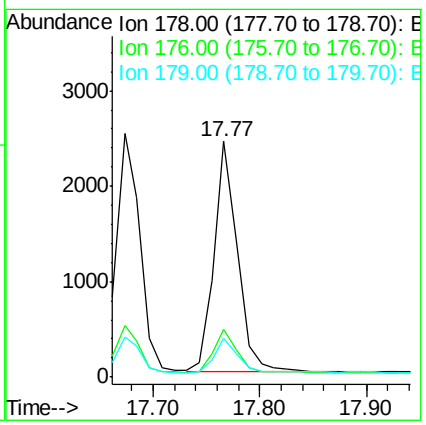


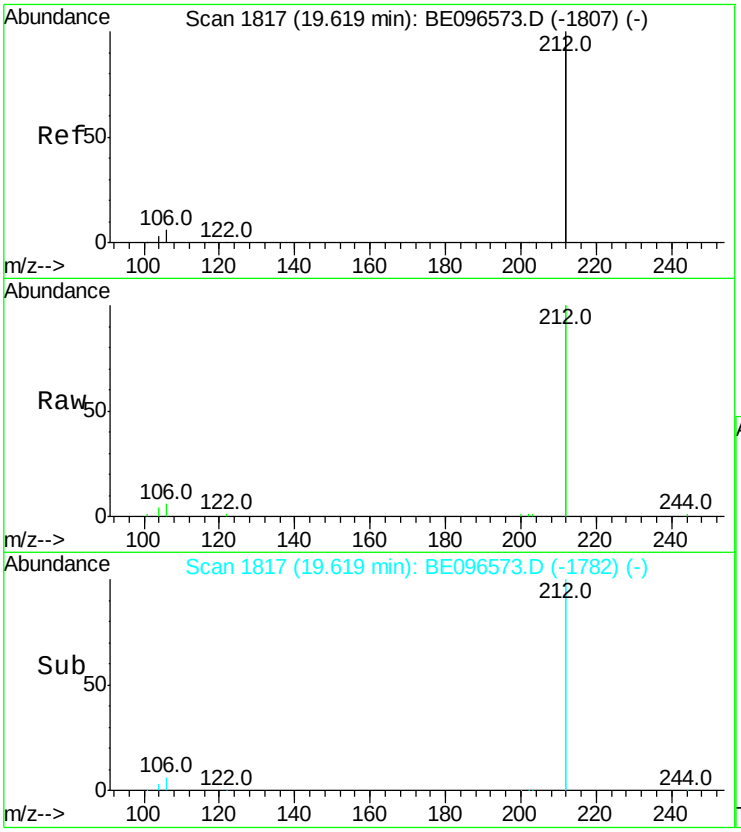


#24
Anthracene
Concen: 0.366 ng
RT: 17.77 min Scan# 1520
Delta R.T. 0.00 min
Lab File: BE096573.D
Acq: 15 May 2018 10:22

Tgt Ion:178 Resp: 3653

Ion	Ratio	Lower	Upper
178	100		
176	18.8	12.8	19.2
179	15.1	13.0	19.6



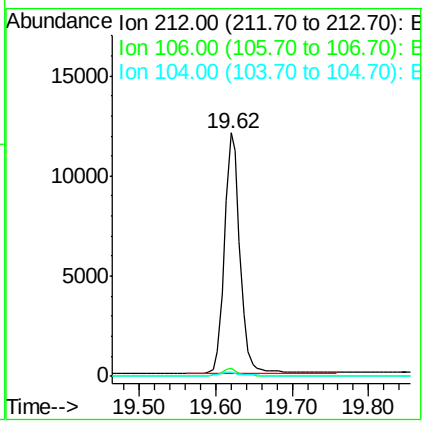


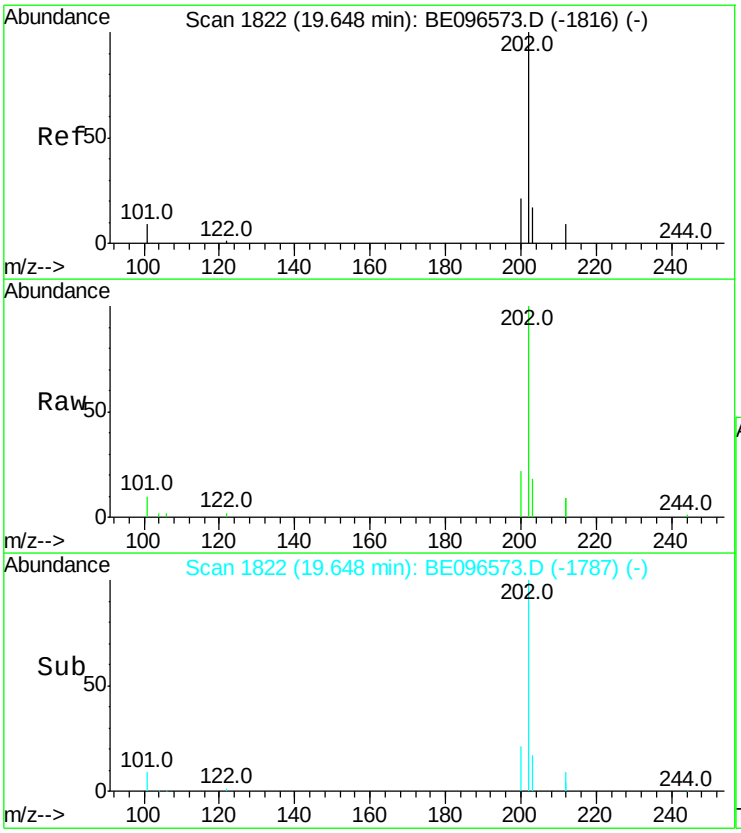
#25
Fluoranthene-d10
Concen: 0.336 ng
RT: 19.62 min Scan# 1817
Delta R.T. 0.00 min
Lab File: BE096573.D
Acq: 15 May 2018 10:22

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tgt Ion:212 Resp: 16919

Ion	Ratio	Lower	Upper
212	100		
106	2.7	2.8	4.2#
104	1.6	1.6	2.4#

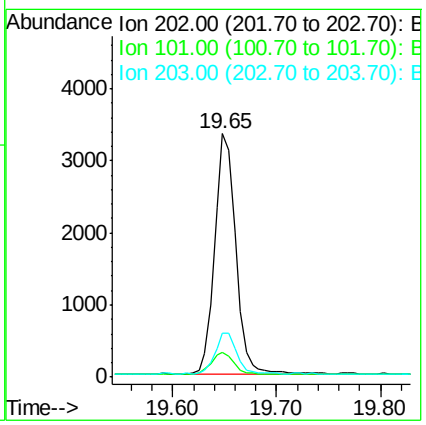


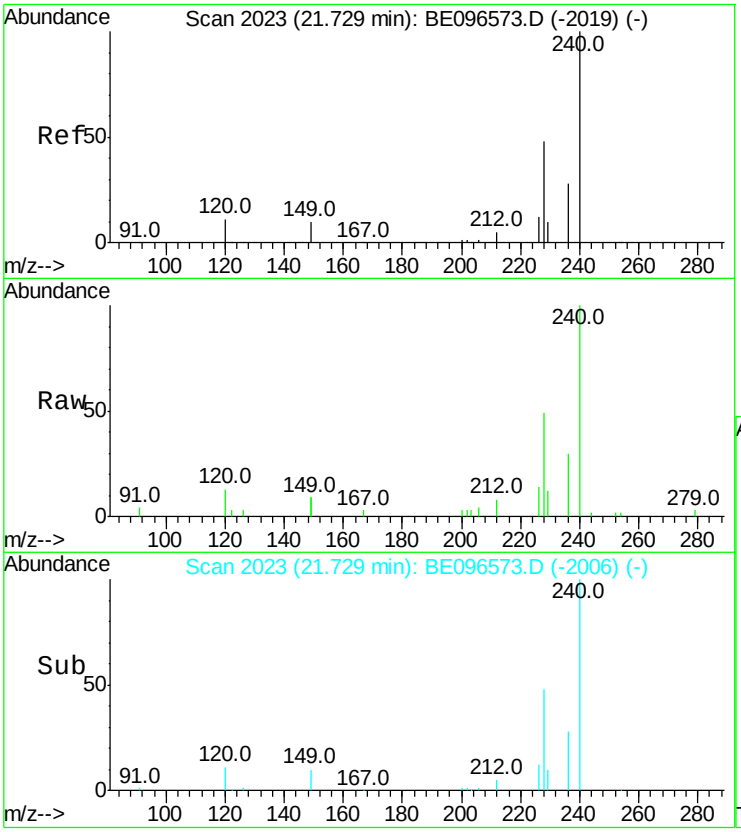


#26
Fluoranthene
Concen: 0.340 ng
RT: 19.65 min Scan# 1822
Delta R.T. 0.00 min
Lab File: BE096573.D
Acq: 15 May 2018 10:22

Tgt Ion:202 Resp: 4665

Ion	Ratio	Lower	Upper
202	100		
101	9.3	9.8	14.8#
203	17.1	13.7	20.5



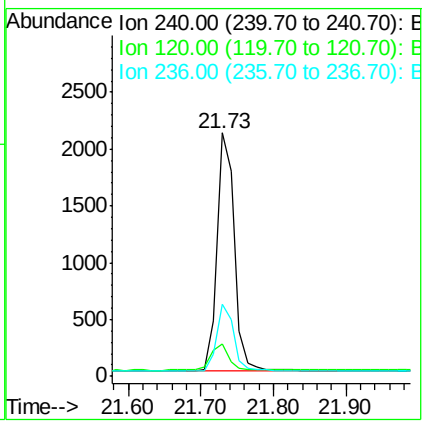


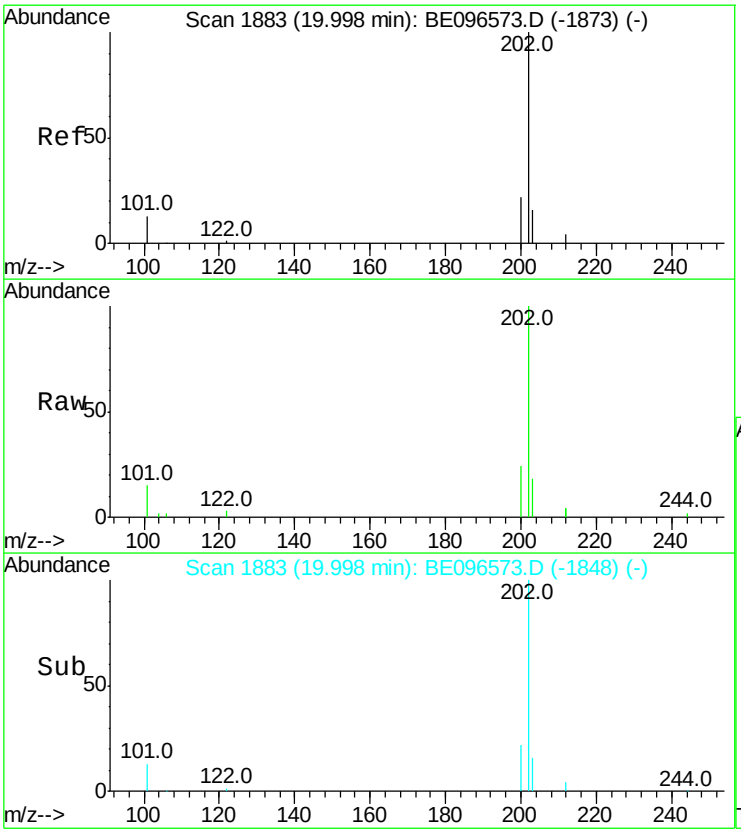
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.73 min Scan# 2023
Delta R.T. 0.00 min
Lab File: BE096573.D
Acq: 15 May 2018 10:22

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tgt Ion:240 Resp: 3531

Ion	Ratio	Lower	Upper
240	100		
120	13.2	5.5	8.3#
236	29.8	20.7	31.1

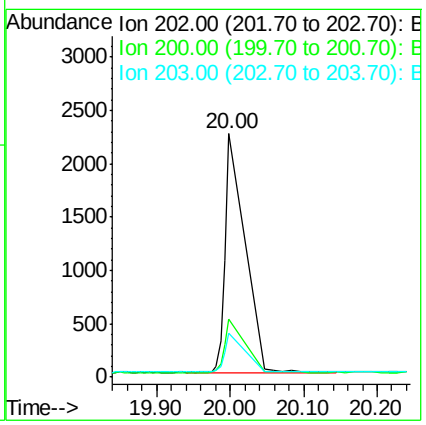


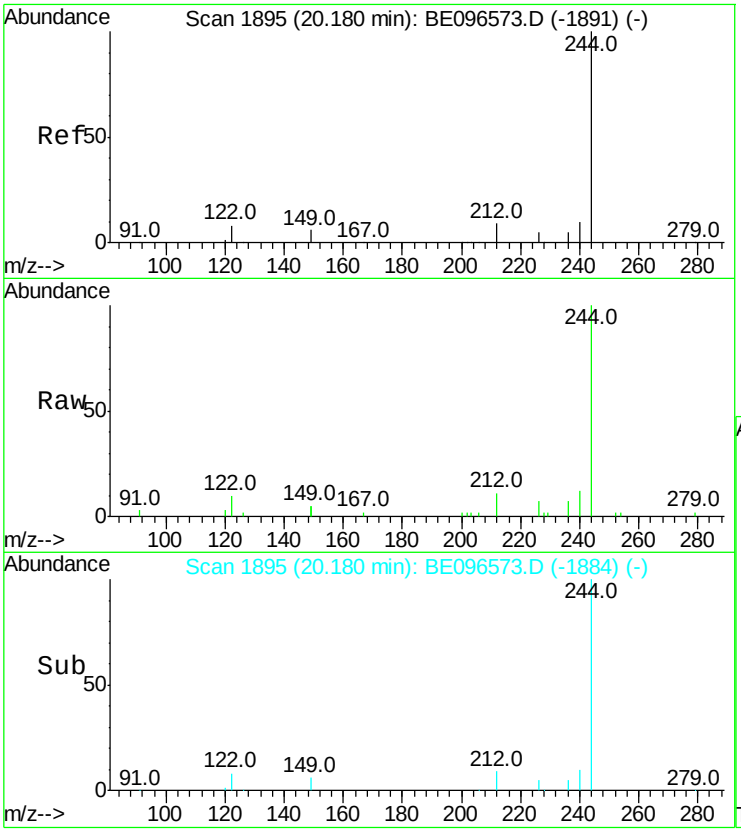


#28
Pyrene
Concen: 0.345 ng
RT: 20.00 min Scan# 1883
Delta R.T. 0.00 min
Lab File: BE096573.D
Acq: 15 May 2018 10:22

Tgt Ion:202 Resp: 2401

Ion	Ratio	Lower	Upper
202	100		
200	23.7	16.6	25.0
203	18.2	13.8	20.8



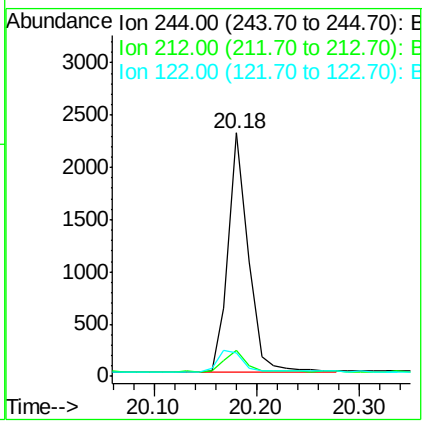


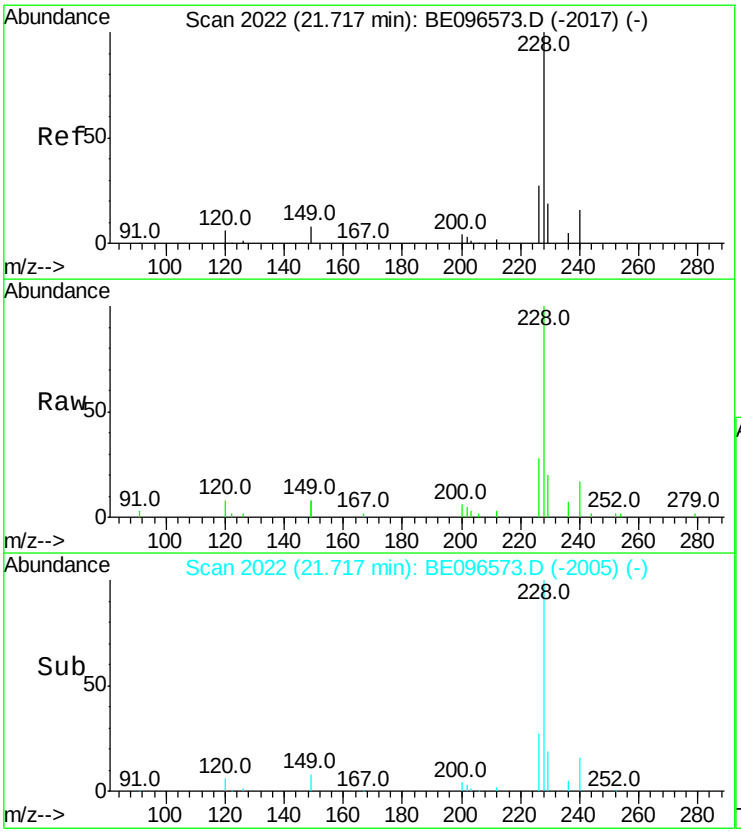
#29
Terphenyl-d14
Concen: 0.396 ng
RT: 20.18 min Scan# 1895
Delta R.T. 0.00 min
Lab File: BE096573.D
Acq: 15 May 2018 10:22

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tgt Ion:244 Resp: 3088

Ion	Ratio	Lower	Upper
244	100		
212	10.5	25.4	38.0#
122	9.8	8.1	12.1

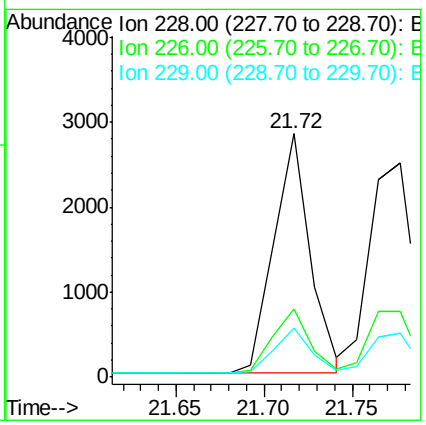


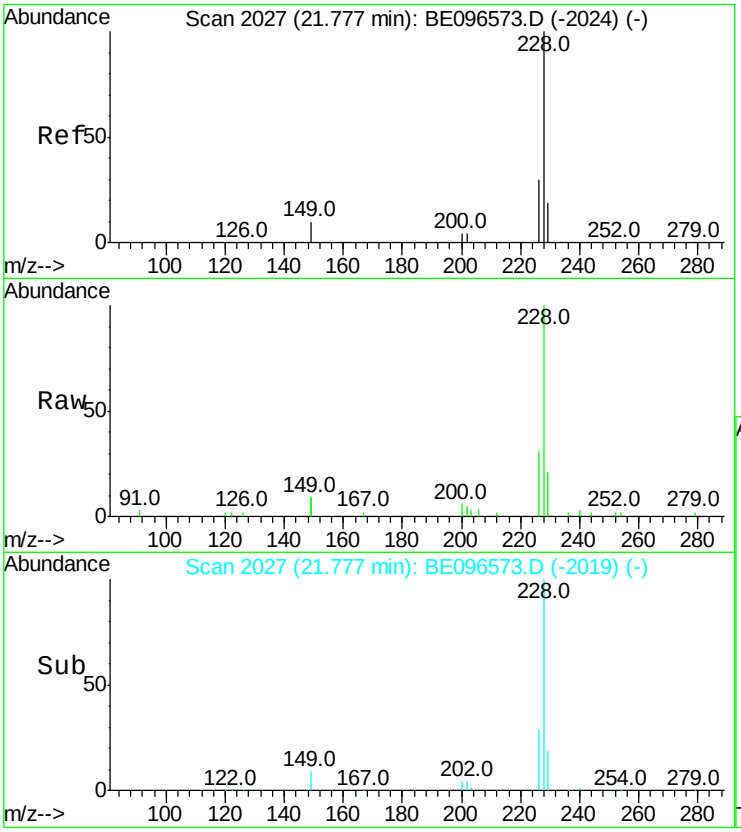


#30
Benzo(a)anthracene
Concen: 0.358 ng
RT: 21.72 min Scan# 2022
Delta R.T. 0.00 min
Lab File: BE096573.D
Acq: 15 May 2018 10:22

Tgt Ion:228 Resp: 4050

Ion	Ratio	Lower	Upper
228	100		
226	28.1	24.0	36.0
229	20.4	16.0	24.0



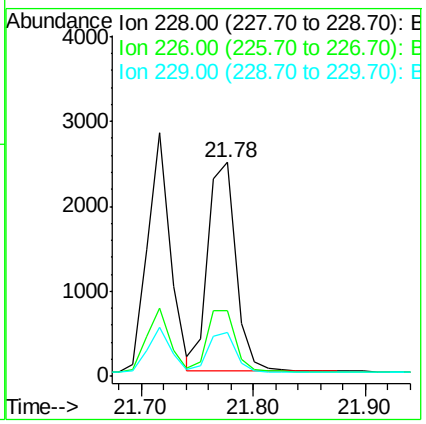


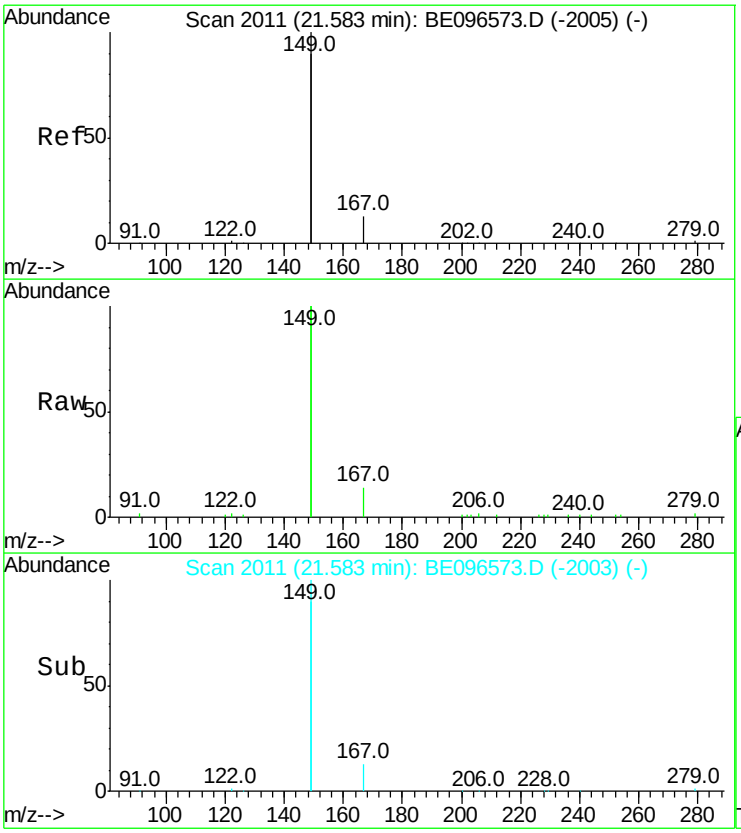
#31
Chrysene
Concen: 0.390 ng
RT: 21.78 min Scan# 2027
Delta R.T. 0.00 min
Lab File: BE096573.D
Acq: 15 May 2018 10:22

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tgt Ion:228 Resp: 4264

Ion	Ratio	Lower	Upper
228	100		
226	30.7	24.0	36.0
229	20.6	16.0	24.0

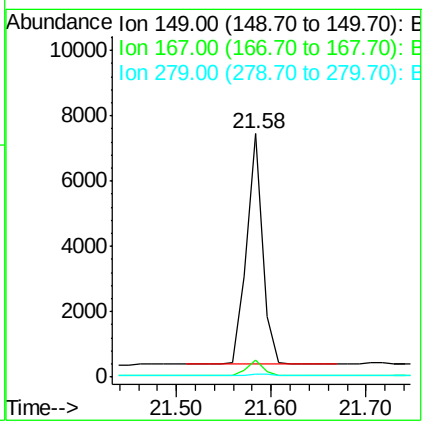


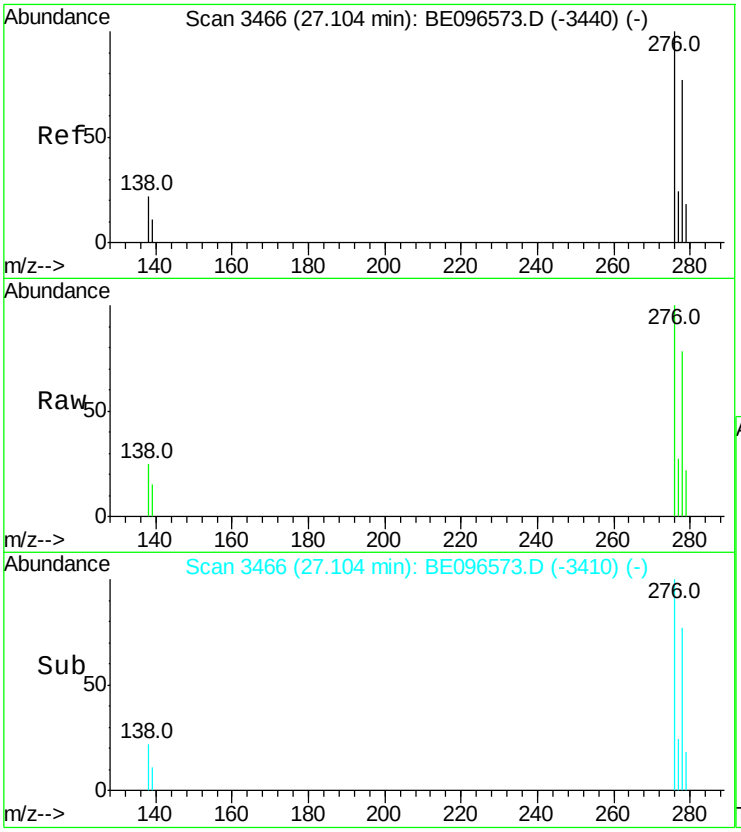


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.286 ng
RT: 21.58 min Scan# 2011
Delta R.T. 0.00 min
Lab File: BE096573.D
Acq: 15 May 2018 10:22

Tgt Ion:149 Resp: 8354

Ion	Ratio	Lower	Upper
149	100		
167	6.7	5.4	8.0
279	0.8	0.7	1.1



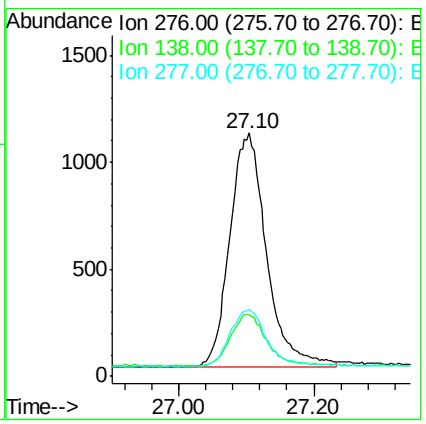


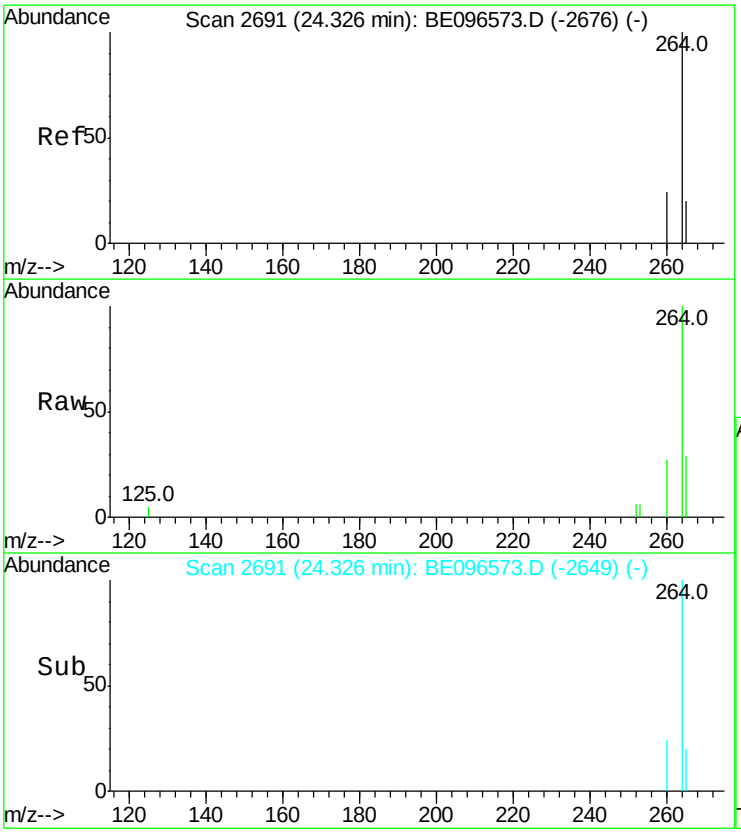
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.389 ng
RT: 27.10 min Scan# 3466
Delta R.T. 0.00 min
Lab File: BE096573.D
Acq: 15 May 2018 10:22

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tgt Ion:276 Resp: 4125

Ion	Ratio	Lower	Upper
276	100		
138	21.8	22.5	33.7#
277	24.2	19.9	29.9

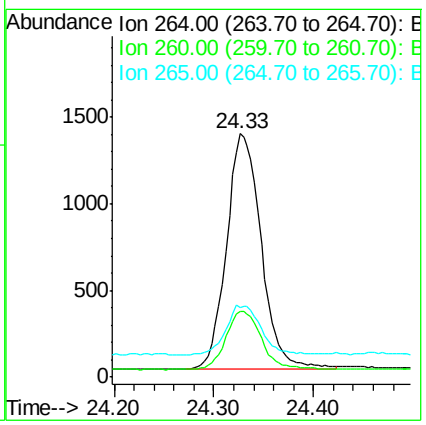


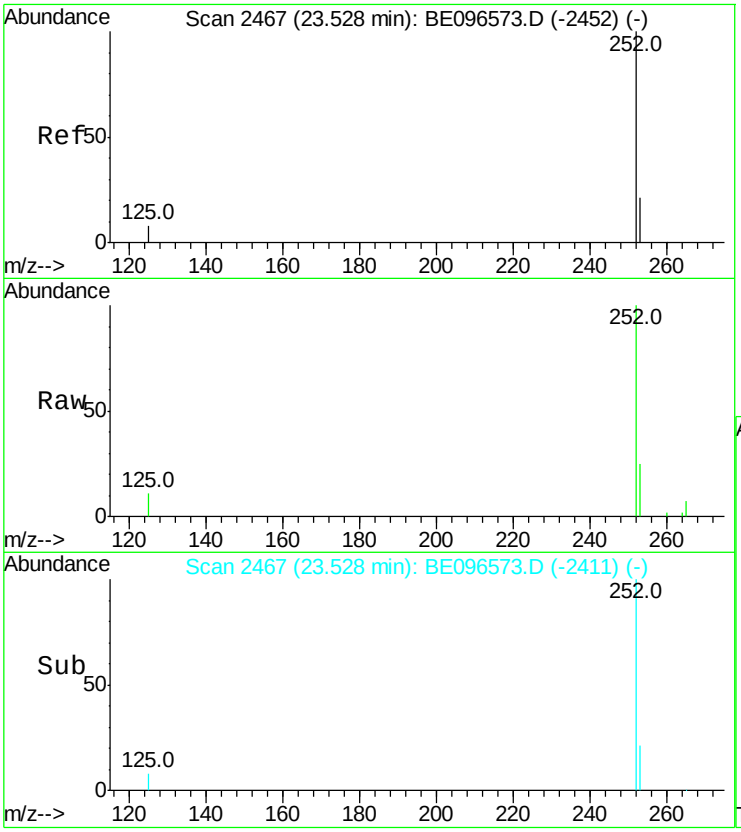


#34
Perylene-d12
Concen: 0.400 ng
RT: 24.33 min Scan# 2691
Delta R.T. 0.00 min
Lab File: BE096573.D
Acq: 15 May 2018 10:22

Tgt Ion:264 Resp: 3270

Ion	Ratio	Lower	Upper
264	100		
260	26.8	20.5	30.7
265	28.6	22.8	34.2



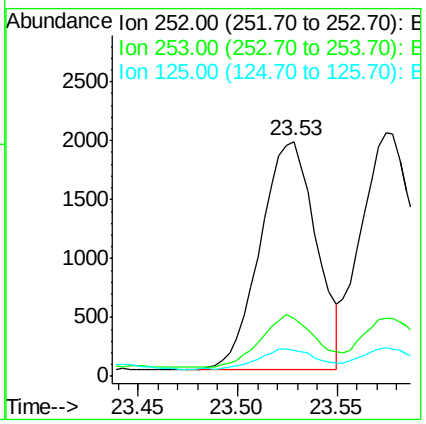


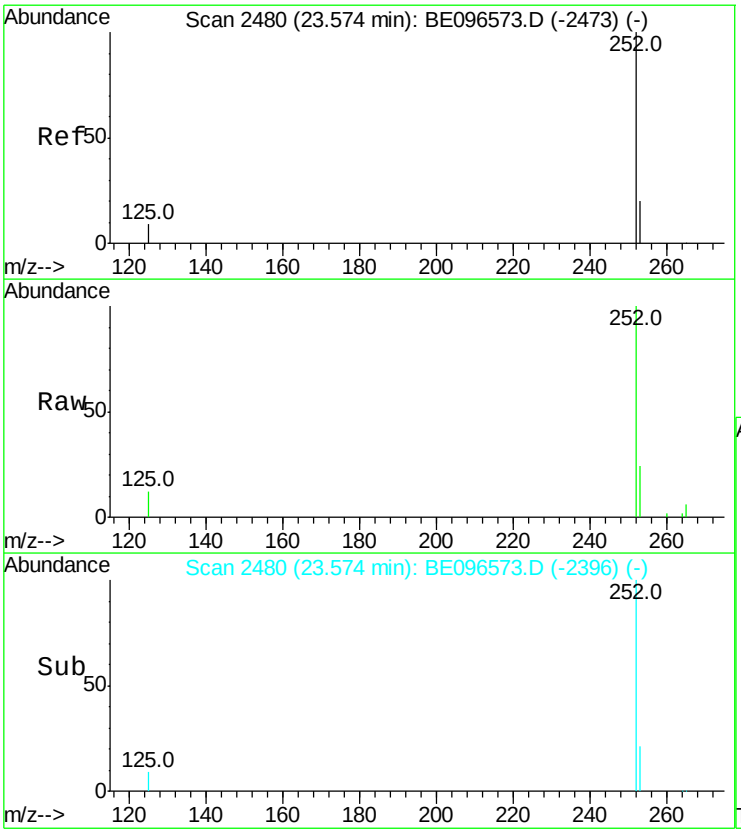
#35
Benzo(b)fluoranthene
Concen: 0.385 ng
RT: 23.53 min Scan# 2467
Delta R.T. 0.00 min
Lab File: BE096573.D
Acq: 15 May 2018 10:22

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tgt Ion:252 Resp: 3776

Ion	Ratio	Lower	Upper
252	100		
253	24.6	20.0	30.0
125	11.1	16.0	24.0#

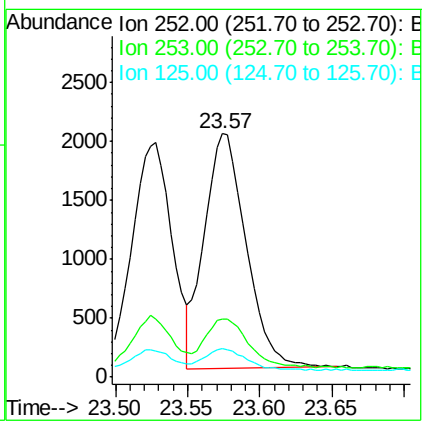


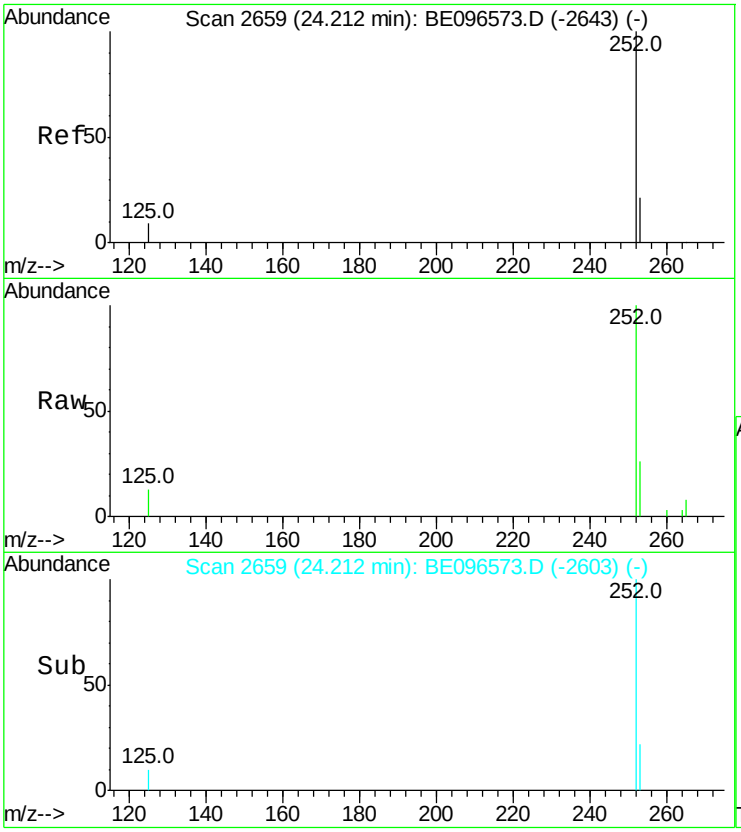


#36
Benzo(k)fluoranthene
Concen: 0.395 ng
RT: 23.57 min Scan# 2480
Delta R.T. 0.00 min
Lab File: BE096573.D
Acq: 15 May 2018 10:22

Tgt Ion:252 Resp: 3989

Ion	Ratio	Lower	Upper
252	100		
253	23.9	16.0	24.0
125	11.7	8.0	12.0



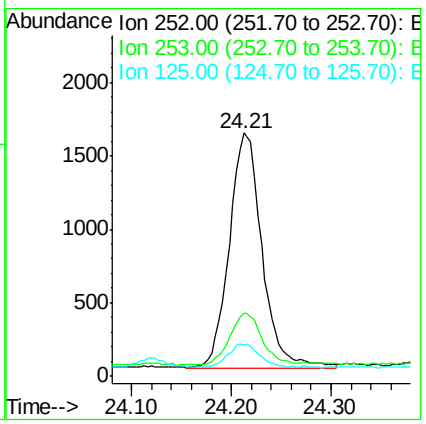


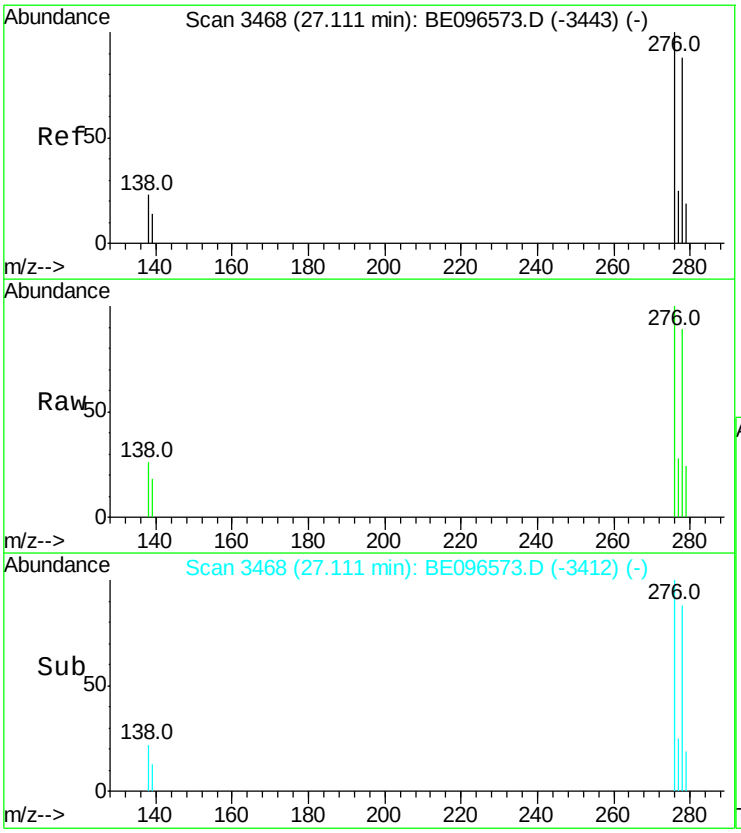
#37
Benzo(a)pyrene
Concen: 0.386 ng
RT: 24.21 min Scan# 2659
Delta R.T. 0.00 min
Lab File: BE096573.D
Acq: 15 May 2018 10:22

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tgt Ion:252 Resp: 3636

Ion	Ratio	Lower	Upper
252	100		
253	25.7	16.0	24.0#
125	12.9	12.0	18.0

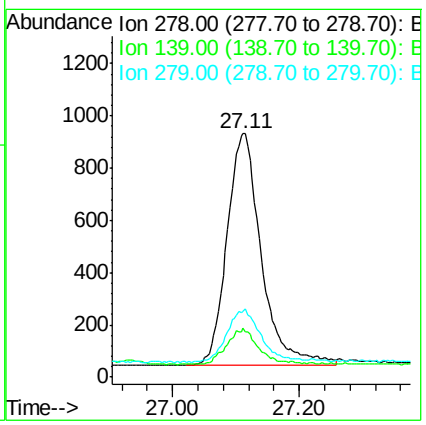


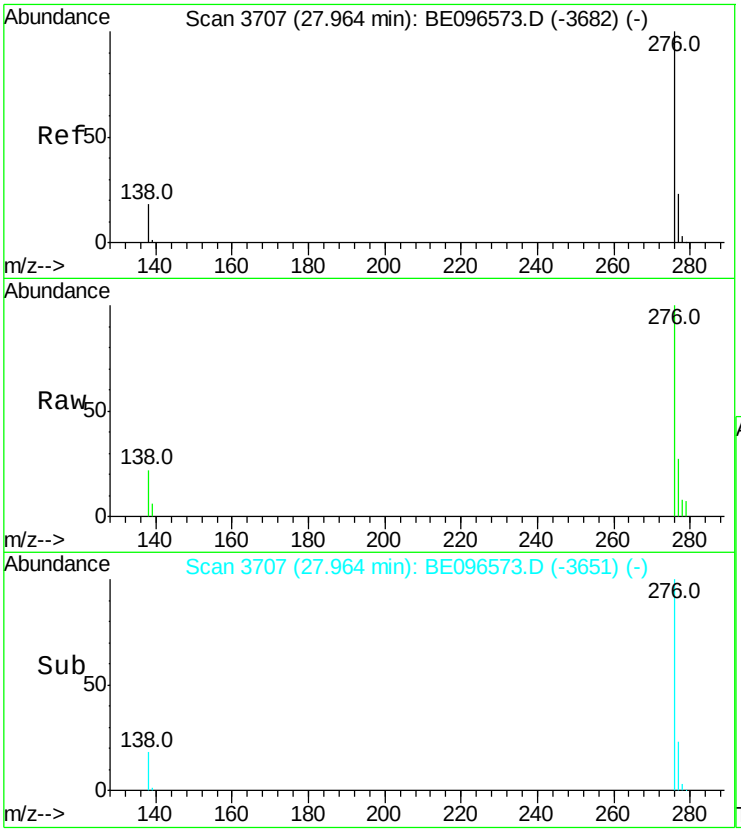


#38
Dibenzo(a,h)anthracene
Concen: 0.403 ng
RT: 27.11 min Scan# 3468
Delta R.T. 0.00 min
Lab File: BE096573.D
Acq: 15 May 2018 10:22

Tgt Ion:278 Resp: 3352

Ion	Ratio	Lower	Upper
278	100		
139	20.0	16.0	24.0
279	26.8	20.0	30.0





#39
Benzo(g,h,i)perylene
Concen: 0.394 ng
RT: 27.96 min Scan# 3707
Delta R.T. 0.00 min
Lab File: BE096573.D
Acq: 15 May 2018 10:22

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tgt Ion:276 Resp: 3464

Ion	Ratio	Lower	Upper
276	100		
277	26.7	16.0	24.0#
138	22.1	20.0	30.0