Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE051518\
Data File : BE096574.D
Acq On : 15 May 2018 11:00
Operator : SJ/JU
Sample : SSTDICC0.8
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDICC0.8

Quant Time: May 15 11:49:49 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	648	0.40	ng		0.00
7) Naphthalene-d8	11.18	136	2680	0.40	ng		0.00
13) Acenaphthene-d10	14.92	164	1574	0.40	ng		0.00
19) Phenanthrene-d10	17.64	188	3641	0.40	ng		0.00
27) Chrysene-d12	21.73	240	3526	0.40	ng		0.00
34) Perylene-d12	24.33	264	3184	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.85	112	1458	0.73	ng		0.00
5) Phenol-d6	7.50	99	2075	0.75	ng		0.00
8) Nitrobenzene-d5	9.53	82	2316	0.74	ng		0.00
11) 2-Methylnaphthalene-d10	12.72	152	3476	0.82	ng		0.00
14) 2,4,6-Tribromophenol	16.40	330	527	0.69	ng		0.00
15) 2-Fluorobiphenyl	13.56	172	5508	0.82	ng		0.00
25) Fluoranthene-d10	19.62	212	35342	0.71	ng		0.00
29) Terphenyl-d14	20.18	244	6356	0.82	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.58	88	787	0.786	ng	#	88
3) n-Nitrosodimethylamine	3.95	42	1017	0.829	ng	#	73
6) bis(2-Chloroethyl)ether	7.74	93	1945	0.799	ng		91
9) Naphthalene	11.22	128	22561	0.799	ng		99
10) Hexachlorobutadiene	11.49	225	1114	0.889	ng		98
12) 2-Methylnaphthalene	12.79	142	3891	0.832	ng		95
16) Acenaphthylene	14.66	152	6765	0.805	ng		99
17) Acenaphthene	14.99	154	4052	0.802	ng		94
18) Fluorene	15.96	166	5063	0.810	ng	#	78
20) 4-Bromophenyl-phenylether	16.82	248	1784	0.825	ng	#	78
21) Hexachlorobenzene	16.95	284	1824	0.846	ng	#	79
22) Pentachlorophenol	17.30	266	355	0.501	ng	#	77
23) Phenanthrene	17.67	178	8145	0.796	ng		99
24) Anthracene	17.77	178	7620	0.779	ng	#	95
26) Fluoranthene	19.65	202	9830	0.731	ng	#	97
28) Pyrene	20.00	202	4744	0.683	ng		95
30) Benzo(a)anthracene	21.72	228	8636	0.764	ng		97
31) Chrysene	21.78	228	8943	0.819	ng		99
32) Bis(2-ethylhexyl)phthalate	21.58	149	17635	0.604	ng		100
33) Indeno(1,2,3-cd)pyrene	27.10	276	8658	0.818	ng	#	93
35) Benzo(b)fluoranthene	23.52	252	7828	0.820	ng	#	89
36) Benzo(k)fluoranthene	23.52	252	7828	0.797	ng		94
37) Benzo(a)pyrene	24.21	252	7488	0.816	ng	#	91
38) Dibenzo(a,h)anthracene	27.11	278	6905	0.853	ng		96
39) Benzo(g,h,i)perylene	27.96	276	7200	0.841	ng	#	93

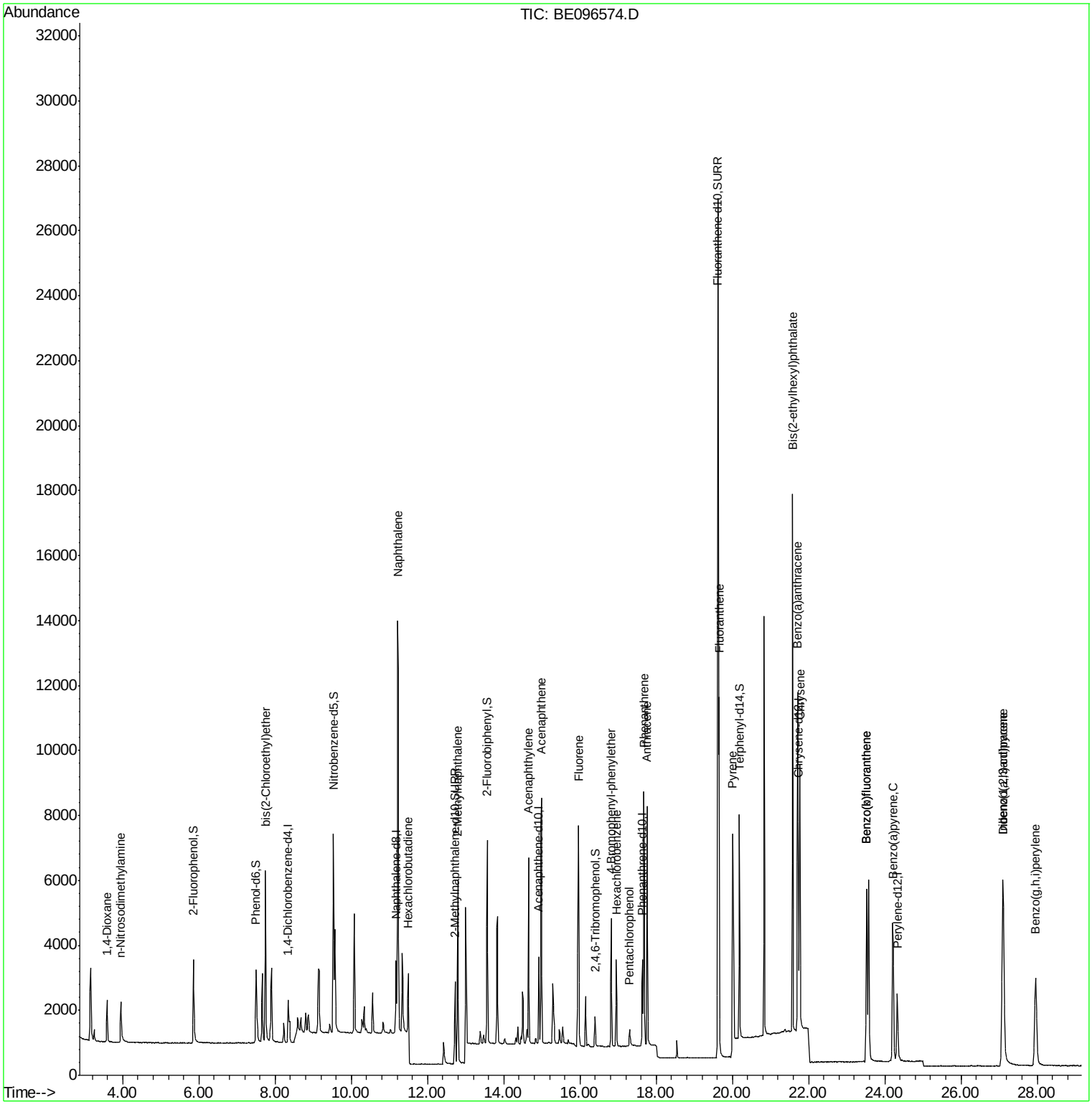
(#) = qualifier out of range (m) = manual integration (+) = signals summed

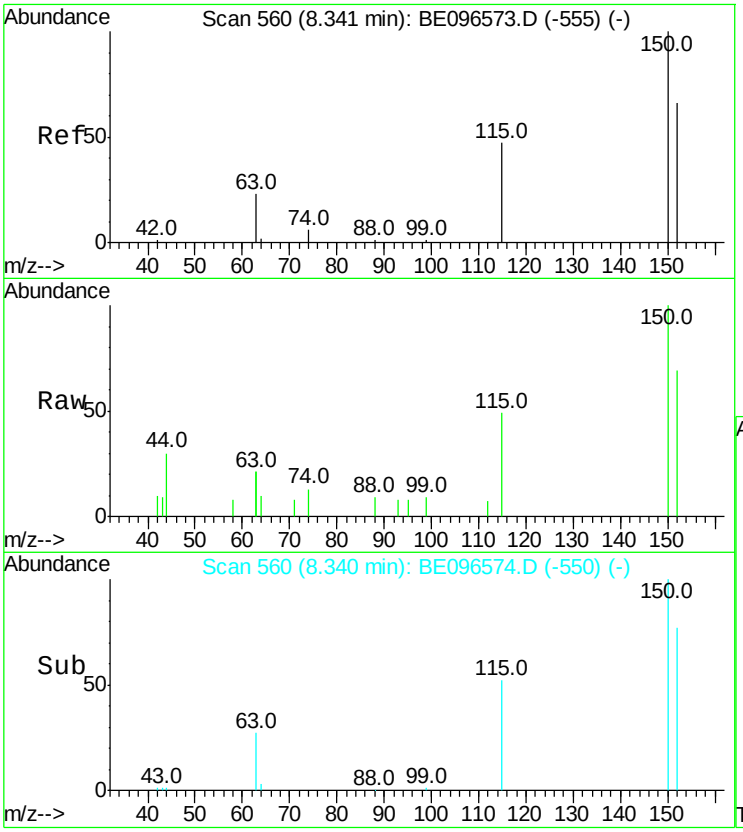
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE051518\
Data File : BE096574.D
Acq On : 15 May 2018 11:00
Operator : SJ/JU
Sample : SSTDICC0.8
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Quant Time: May 15 11:49:49 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



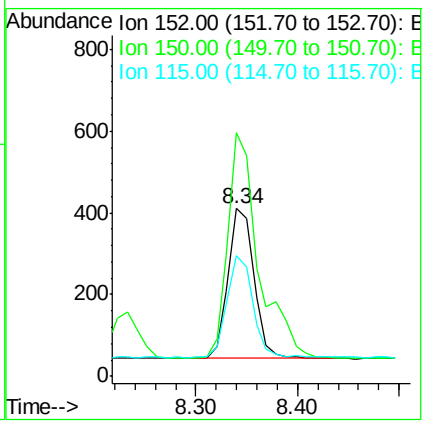


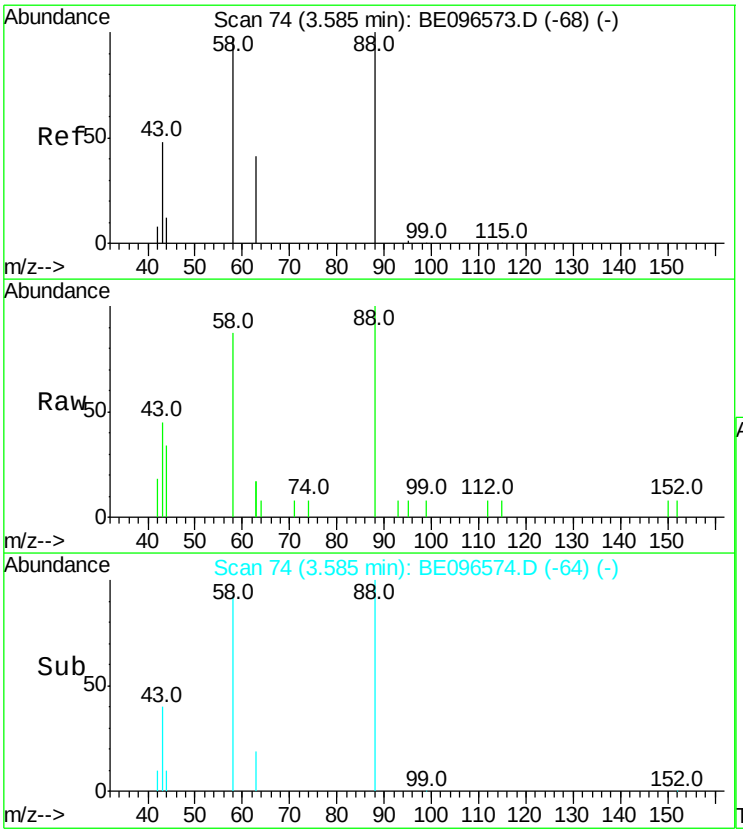
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.34 min Scan# 560
Delta R.T. -0.00 min
Lab File: BE096574.D
Acq: 15 May 2018 11:00

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:152 Resp: 648

Ion	Ratio	Lower	Upper
152	100		
150	145.0	117.2	175.8
115	71.8	57.0	85.6

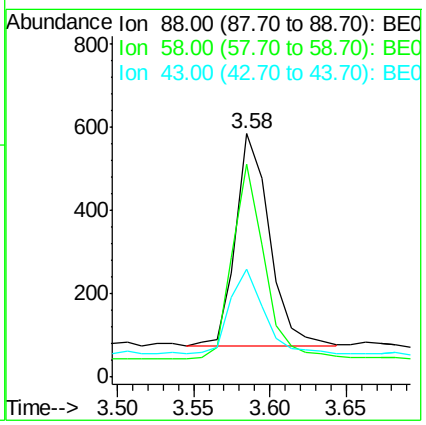


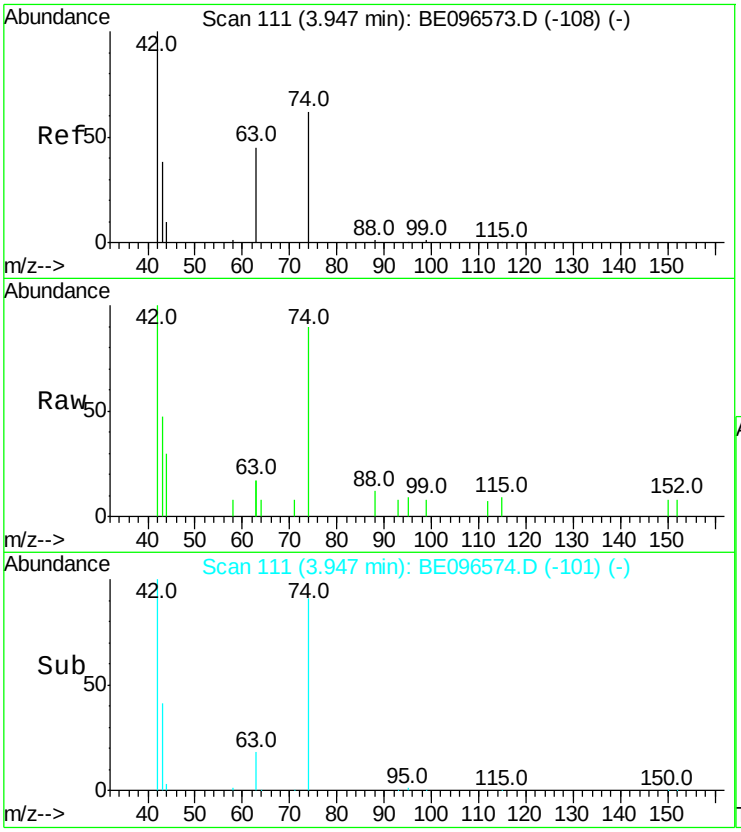


#2
1,4-Dioxane
Concen: 0.786 ng
RT: 3.58 min Scan# 74
Delta R.T. -0.00 min
Lab File: BE096574.D
Acq: 15 May 2018 11:00

Tgt Ion: 88 Resp: 787

Ion	Ratio	Lower	Upper
88	100		
58	87.0	63.2	94.8
43	39.5	41.2	61.8#



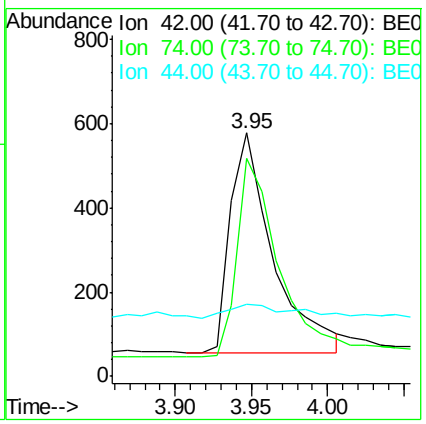


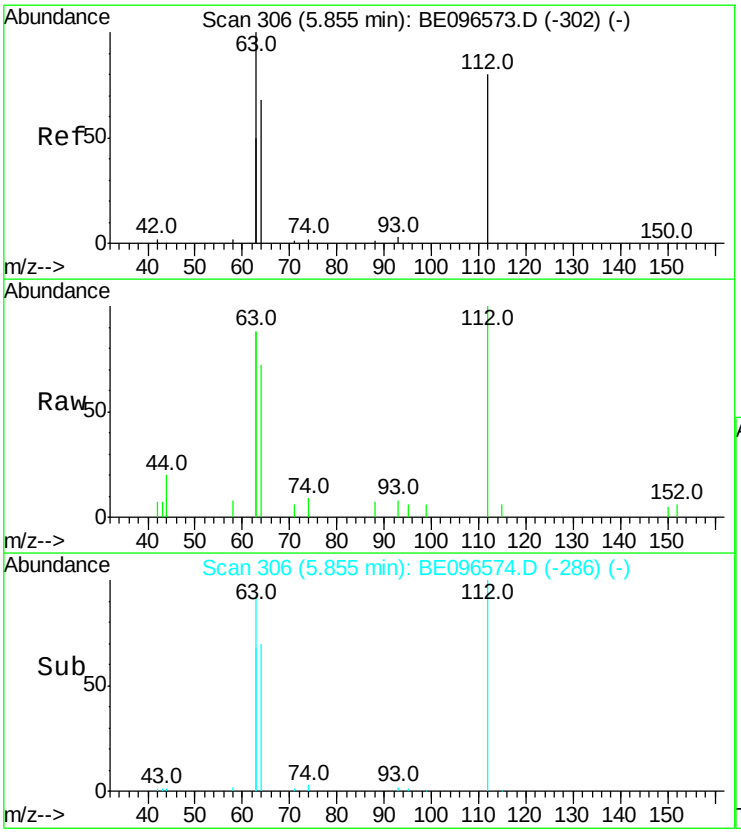
#3
n-Nitrosodimethylamine
Concen: 0.829 ng
RT: 3.95 min Scan# 111
Delta R.T. -0.00 min
Lab File: BE096574.D
Acq: 15 May 2018 11:00

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion: 42 Resp: 1017

Ion	Ratio	Lower	Upper
42	100		
74	87.8	96.0	144.0#
44	8.8	12.0	18.0#

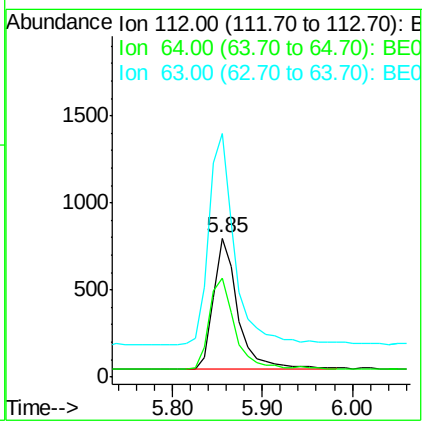


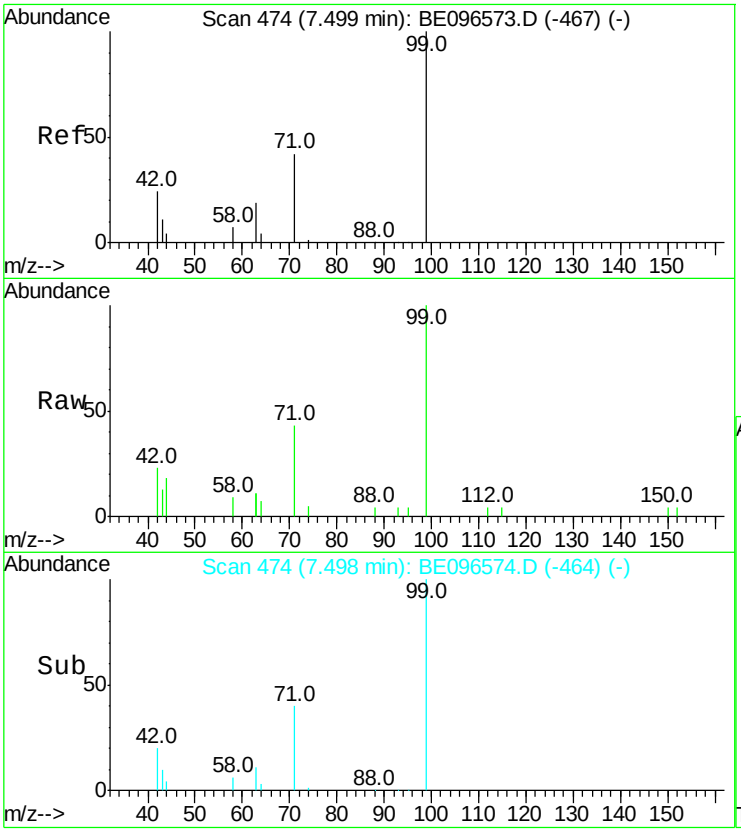


#4
2-Fluorophenol
Concen: 0.728 ng
RT: 5.85 min Scan# 306
Delta R.T. -0.00 min
Lab File: BE096574.D
Acq: 15 May 2018 11:00

Tgt Ion:112 Resp: 1458

Ion	Ratio	Lower	Upper
112	100		
64	73.7	60.1	90.1
63	169.2	116.8	175.2



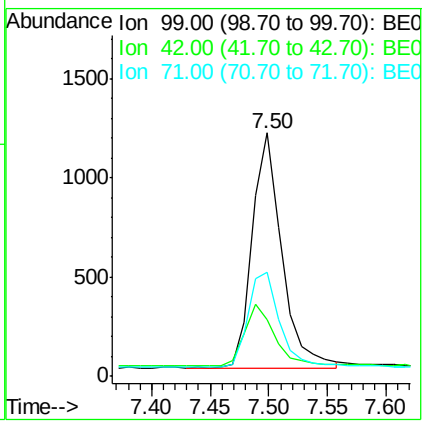


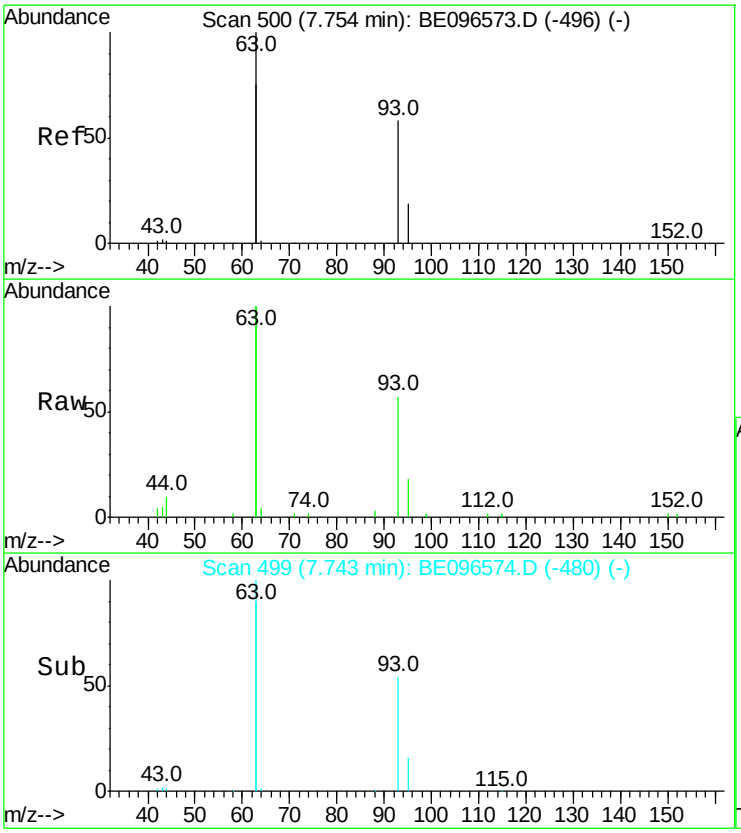
#5
Phenol-d6
Concen: 0.750 ng
RT: 7.50 min Scan# 474
Delta R.T. -0.00 min
Lab File: BE096574.D
Acq: 15 May 2018 11:00

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion: 99 Resp: 2075

Ion	Ratio	Lower	Upper
99	100		
42	27.1	20.2	30.2
71	43.5	28.4	42.6#

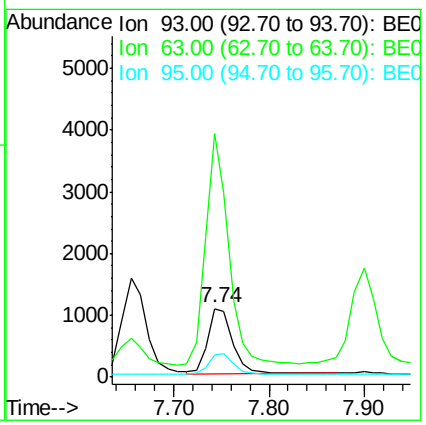


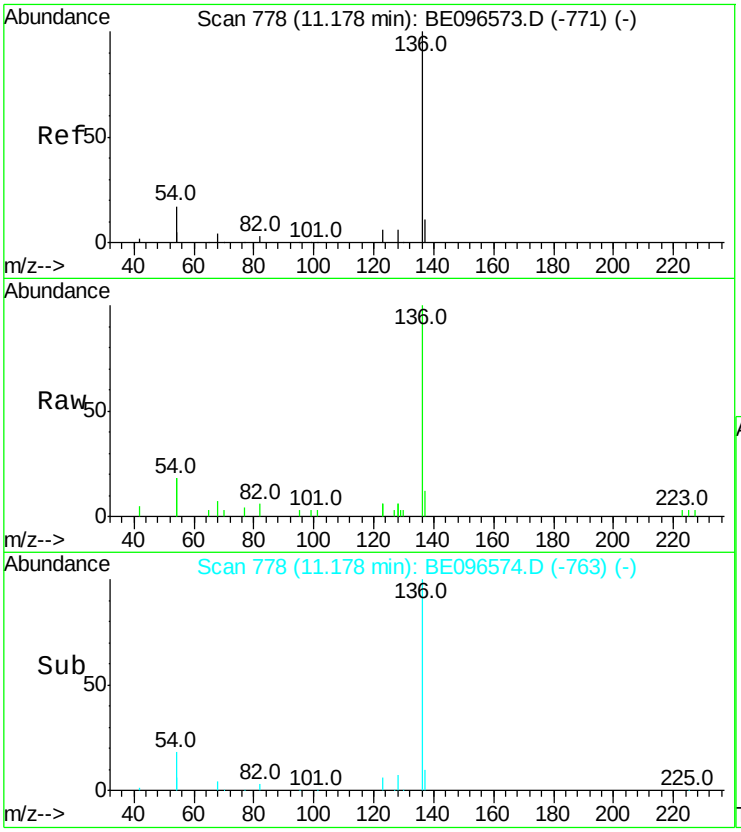


#6
bis(2-Chloroethyl)ether
Concen: 0.799 ng
RT: 7.74 min Scan# 499
Delta R.T. -0.01 min
Lab File: BE096574.D
Acq: 15 May 2018 11:00

Tgt Ion: 93 Resp: 1945

Ion	Ratio	Lower	Upper
93	100		
63	323.4	275.3	412.9
95	32.0	25.2	37.8



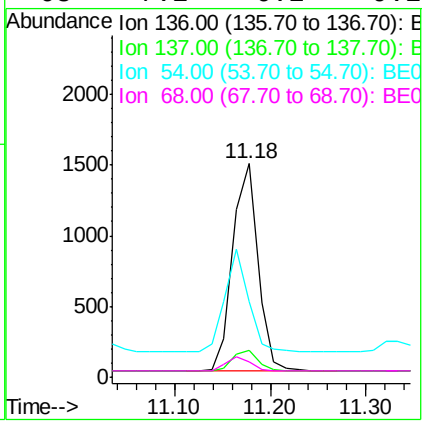


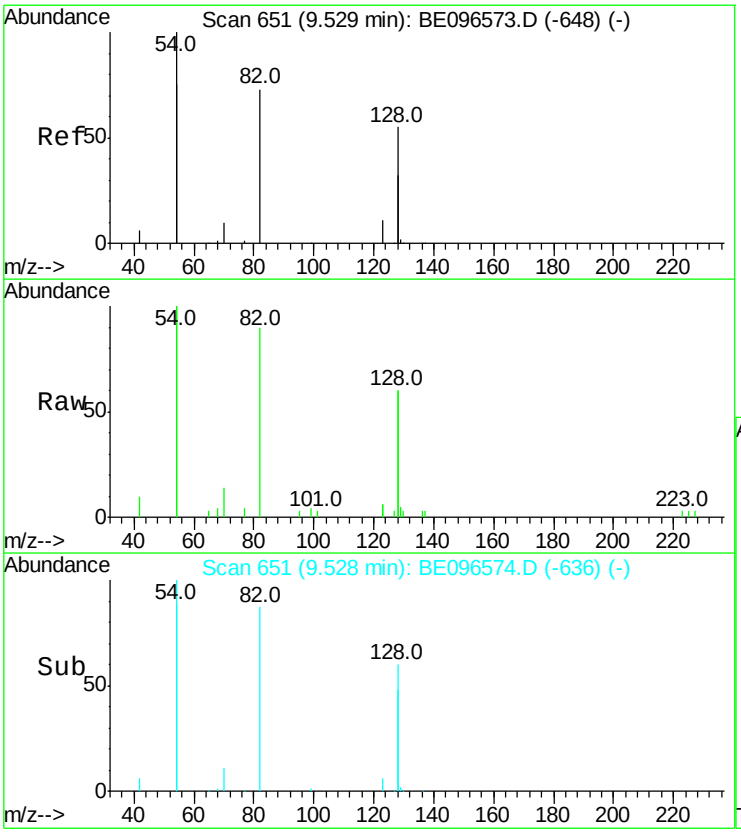
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 11.18 min Scan# 778
Delta R.T. -0.00 min
Lab File: BE096574.D
Acq: 15 May 2018 11:00

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:136 Resp: 2680

Ion	Ratio	Lower	Upper
136	100		
137	12.4	9.5	14.3
54	35.6	29.1	43.7
68	7.2	6.2	9.2

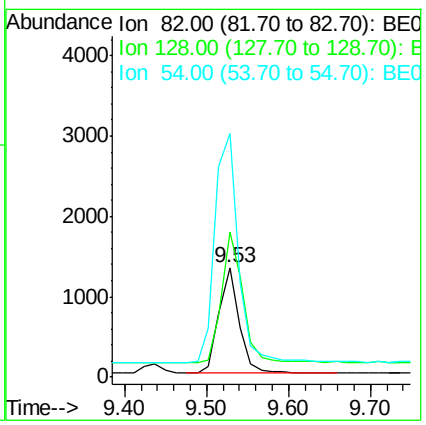


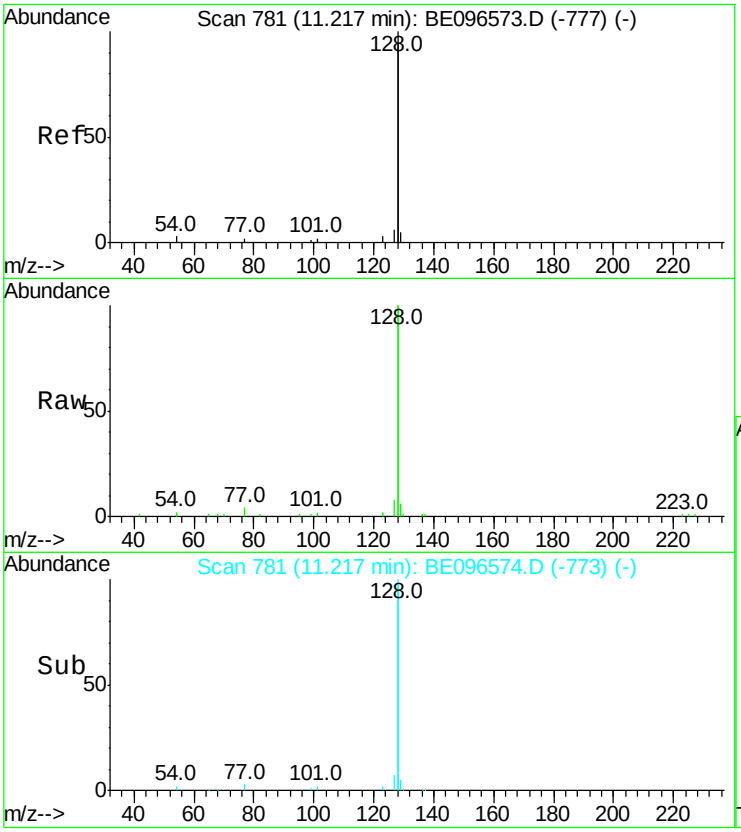


#8
Nitrobenzene-d5
Concen: 0.737 ng
RT: 9.53 min Scan# 651
Delta R.T. -0.00 min
Lab File: BE096574.D
Acq: 15 May 2018 11:00

Tgt Ion: 82 Resp: 2316

Ion	Ratio	Lower	Upper
82	100		
128	133.0	150.0	225.0#
54	222.6	154.2	231.4



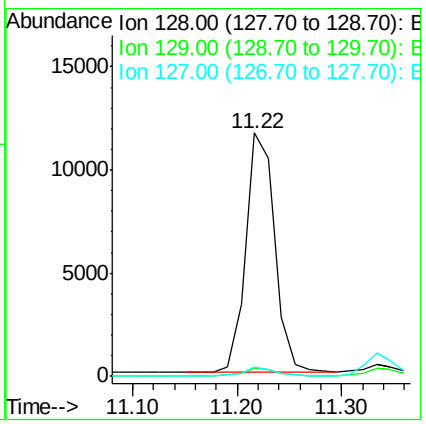


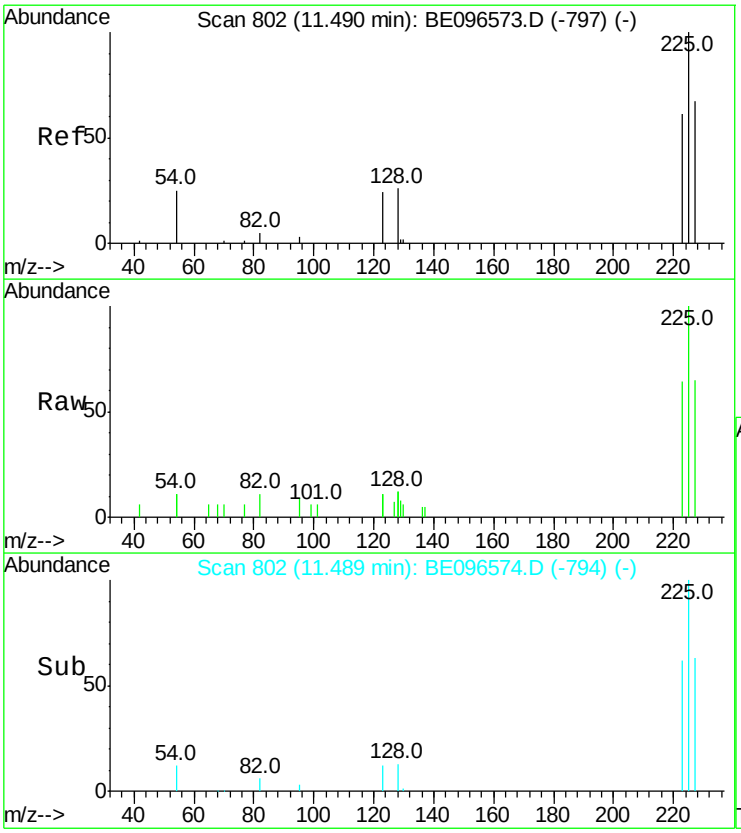
#9
Naphthalene
Concen: 0.799 ng
RT: 11.22 min Scan# 781
Delta R.T. -0.00 min
Lab File: BE096574.D
Acq: 15 May 2018 11:00

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:128 Resp: 22561

Ion	Ratio	Lower	Upper
128	100		
129	3.1	2.6	3.8
127	3.8	2.8	4.2

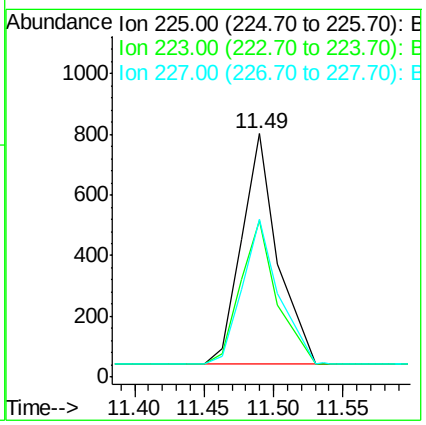


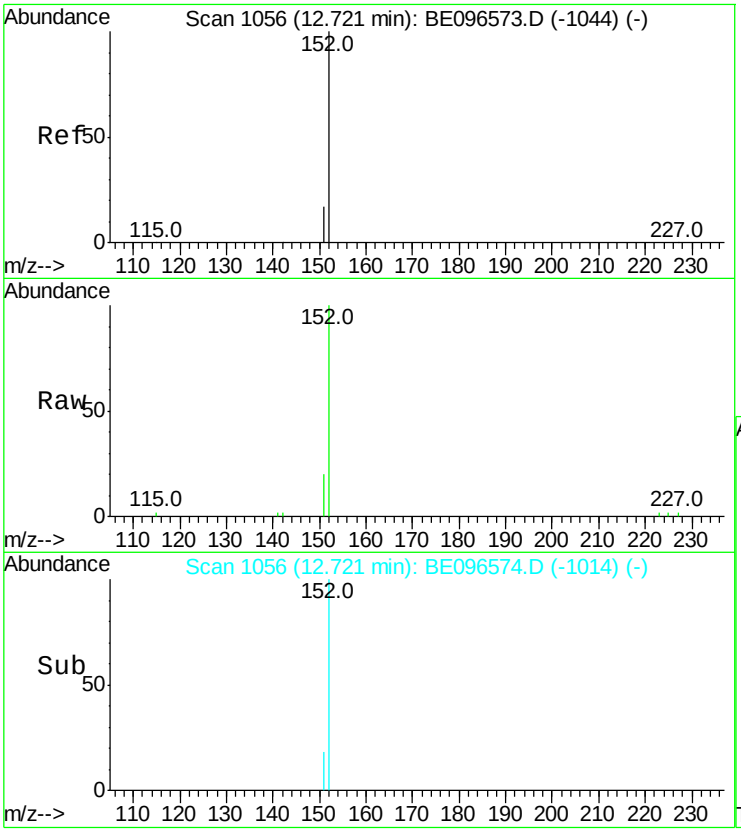


#10
Hexachlorobutadiene
Concen: 0.889 ng
RT: 11.49 min Scan# 802
Delta R.T. -0.00 min
Lab File: BE096574.D
Acq: 15 May 2018 11:00

Tgt Ion:225 Resp: 1114

Ion	Ratio	Lower	Upper
225	100		
223	68.8	53.0	79.6
227	64.6	51.4	77.2



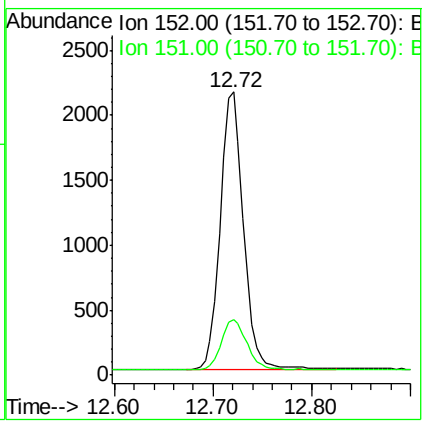


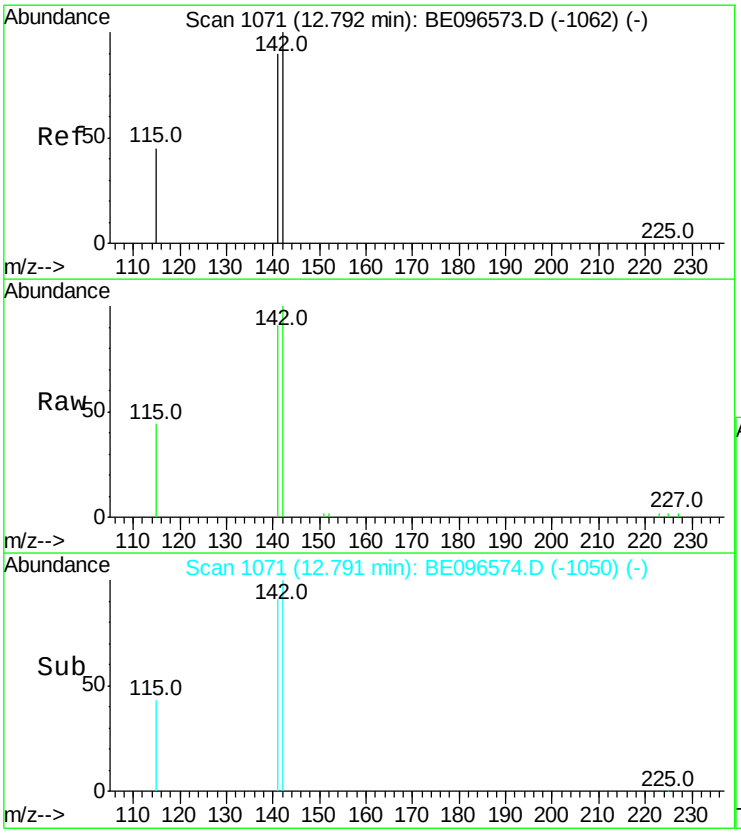
#11
2-Methylnaphthalene-d10
Concen: 0.818 ng
RT: 12.72 min Scan# 1056
Delta R.T. -0.00 min
Lab File: BE096574.D
Acq: 15 May 2018 11:00

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:152 Resp: 3476

Ion	Ratio	Lower	Upper
152	100		
151	19.8	15.4	23.0

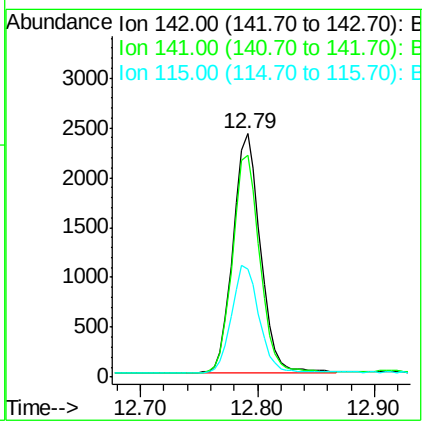


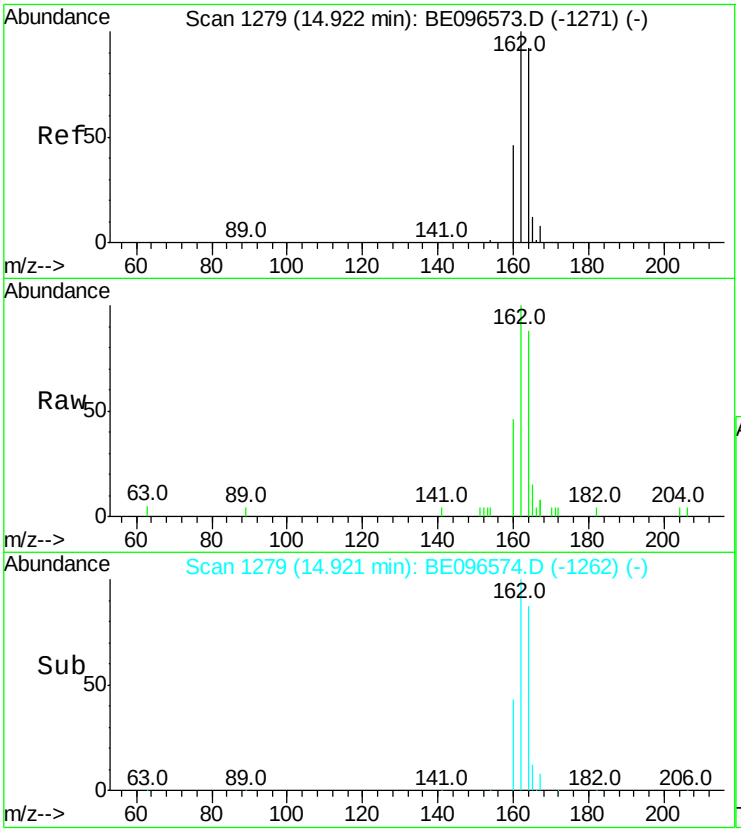


#12
2-Methylnaphthalene
Concen: 0.832 ng
RT: 12.79 min Scan# 1071
Delta R.T. -0.00 min
Lab File: BE096574.D
Acq: 15 May 2018 11:00

Tgt Ion:142 Resp: 3891

Ion	Ratio	Lower	Upper
142	100		
141	91.1	70.4	105.6
115	44.4	31.7	47.5



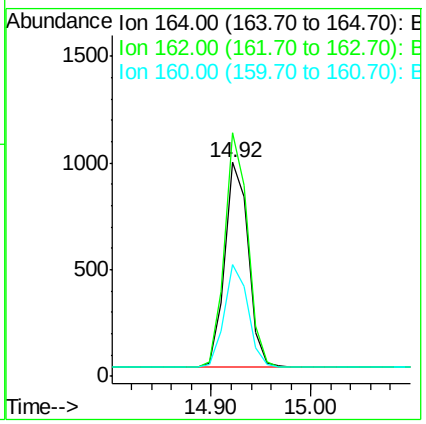


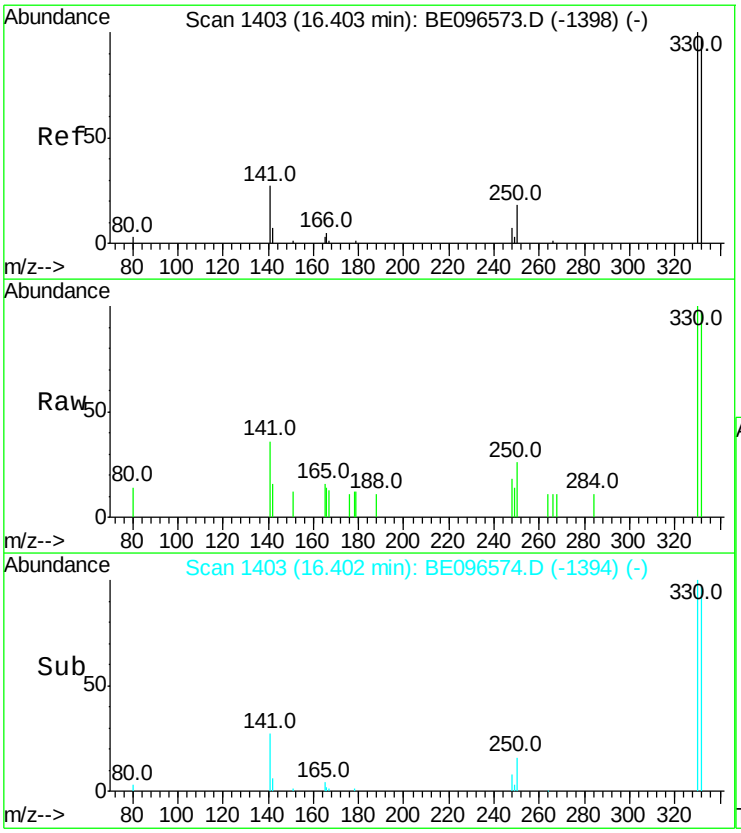
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.92 min Scan# 1279
Delta R.T. -0.00 min
Lab File: BE096574.D
Acq: 15 May 2018 11:00

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:164 Resp: 1574

Ion	Ratio	Lower	Upper
164	100		
162	113.9	83.1	124.7
160	52.0	37.1	55.7

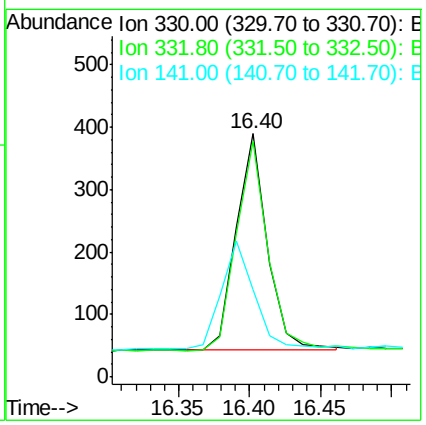


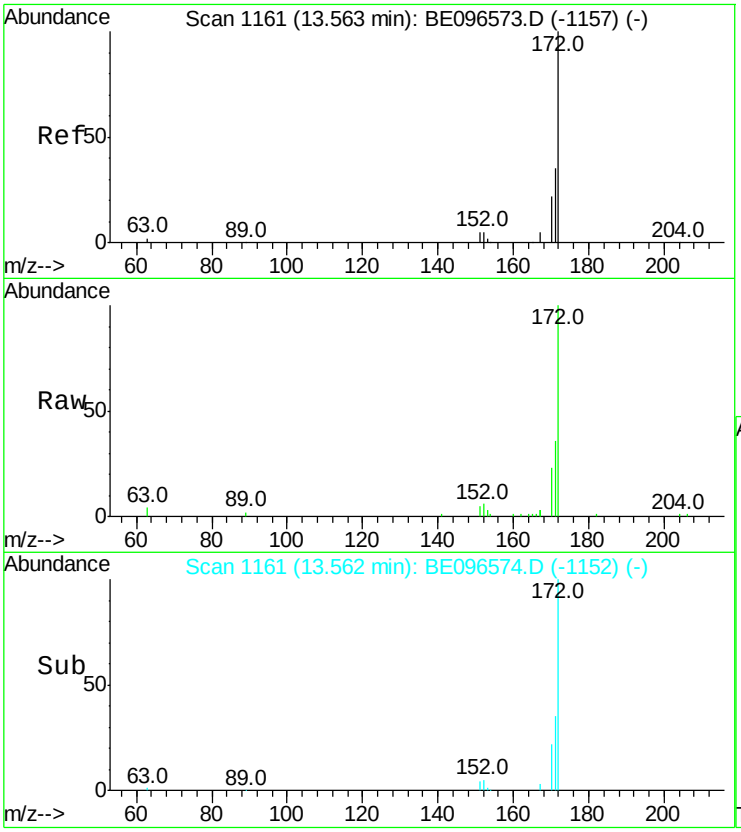


#14
2,4,6-Tribromophenol
Concen: 0.693 ng
RT: 16.40 min Scan# 1403
Delta R.T. -0.00 min
Lab File: BE096574.D
Acq: 15 May 2018 11:00

Tgt Ion:330 Resp: 527

Ion	Ratio	Lower	Upper
330	100		
332	97.7	152.7	229.1#
141	52.0	33.7	50.5#



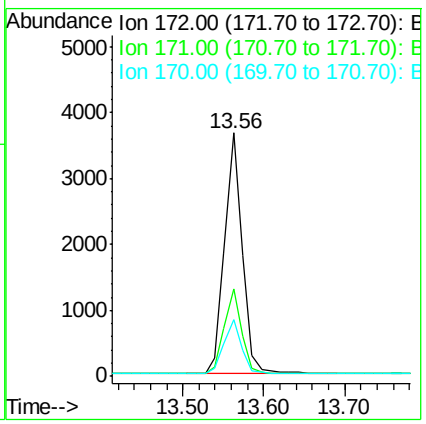


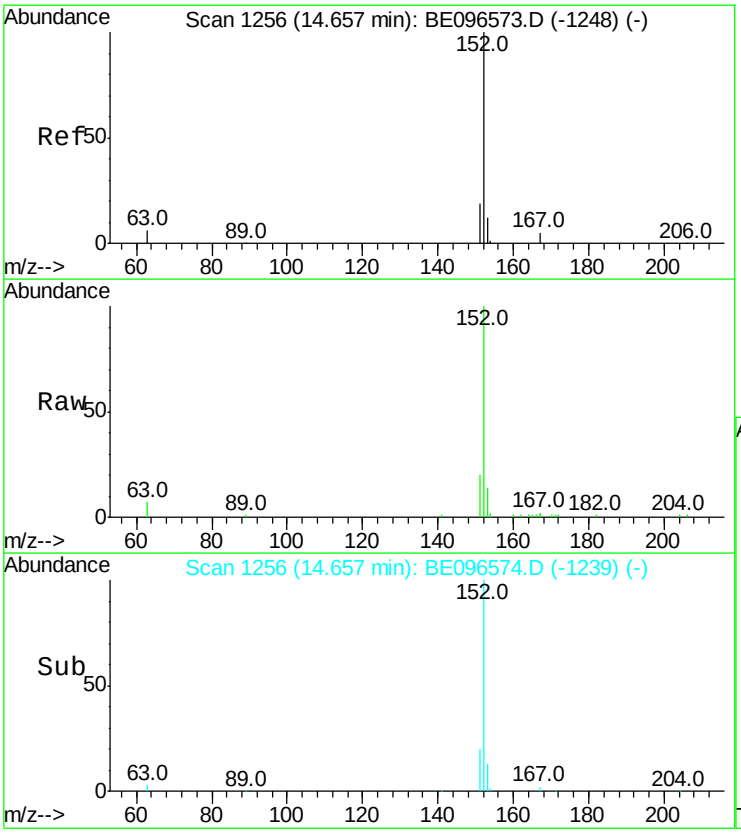
#15
2-Fluorobiphenyl
Concen: 0.818 ng
RT: 13.56 min Scan# 1161
Delta R.T. -0.00 min
Lab File: BE096574.D
Acq: 15 May 2018 11:00

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:172 Resp: 5508

Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.9	44.9
170	23.1	21.8	32.8

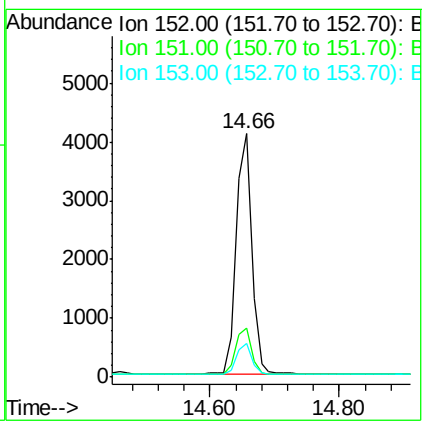


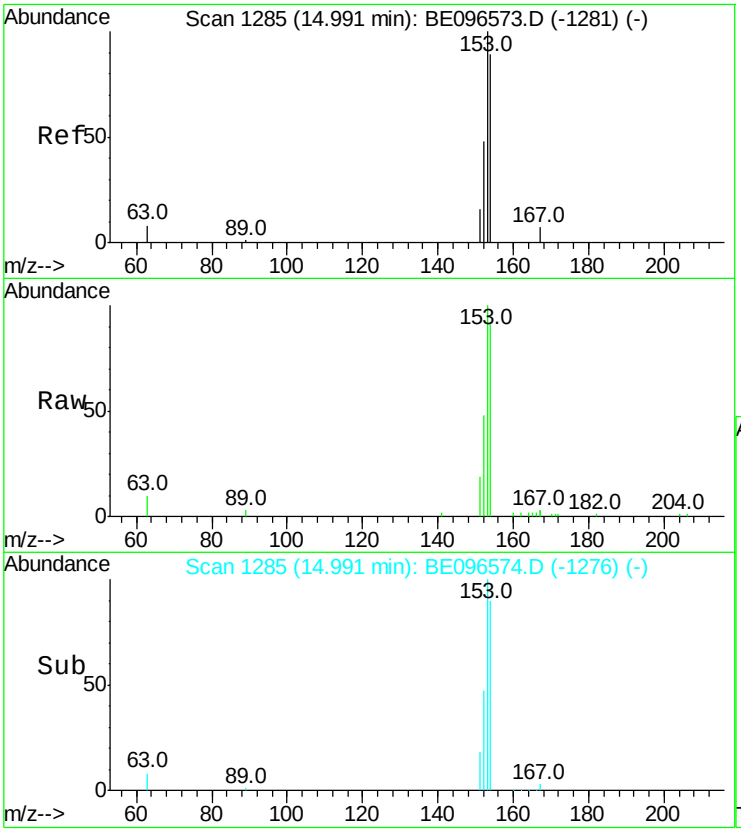


#16
Acenaphthylene
Concen: 0.805 ng
RT: 14.66 min Scan# 1256
Delta R.T. -0.00 min
Lab File: BE096574.D
Acq: 15 May 2018 11:00

Tgt Ion:152 Resp: 6765

Ion	Ratio	Lower	Upper
152	100		
151	20.0	15.7	23.5
153	12.7	10.5	15.7



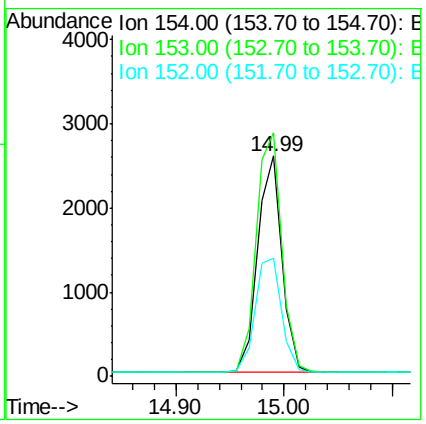


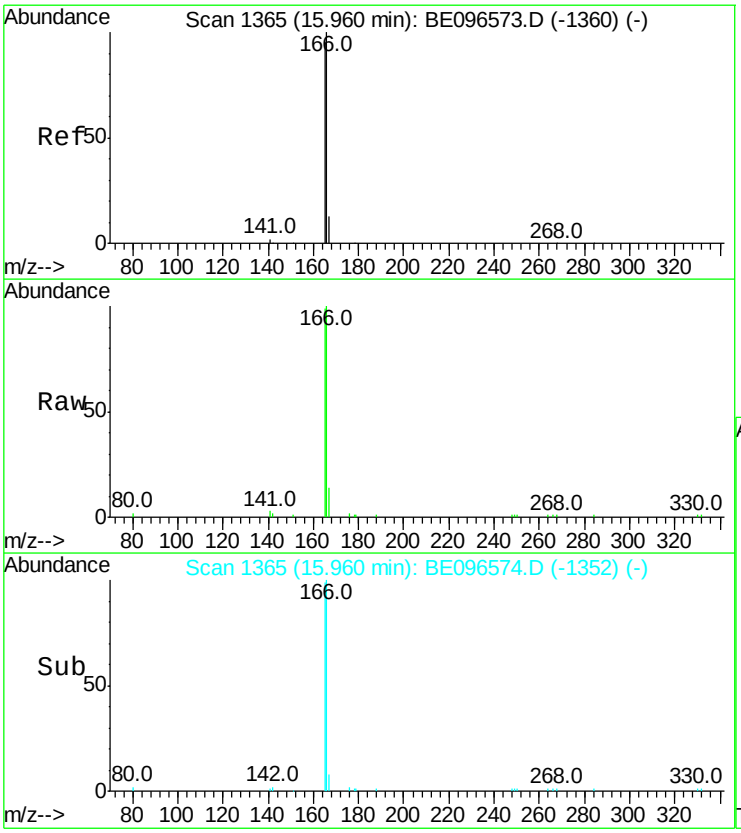
#17
Acenaphthene
Concen: 0.802 ng
RT: 14.99 min Scan# 1285
Delta R.T. -0.00 min
Lab File: BE096574.D
Acq: 15 May 2018 11:00

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:154 Resp: 4052

Ion	Ratio	Lower	Upper
154	100		
153	116.5	89.2	133.8
152	57.7	42.0	63.0

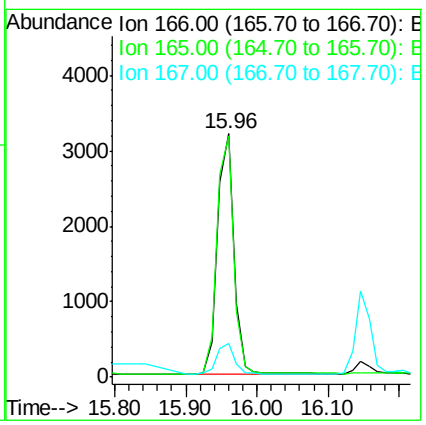


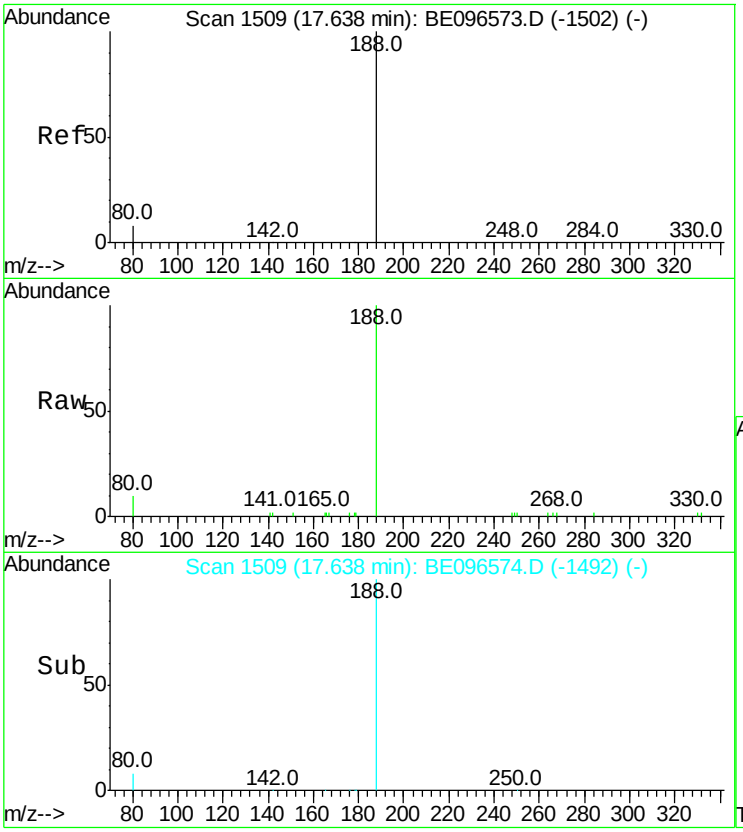


#18
Fluorene
Concen: 0.810 ng
RT: 15.96 min Scan# 1365
Delta R.T. -0.00 min
Lab File: BE096574.D
Acq: 15 May 2018 11:00

Tgt Ion:166 Resp: 5063

Ion	Ratio	Lower	Upper
166	100		
165	100.9	77.8	116.6
167	13.3	42.4	63.6#



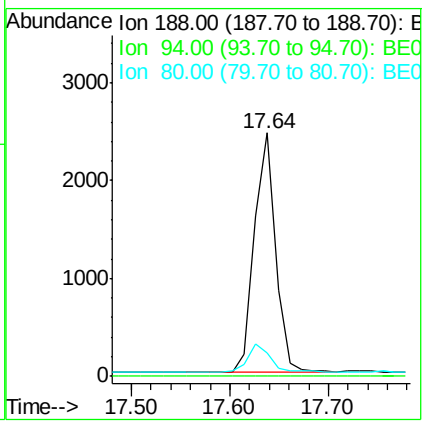


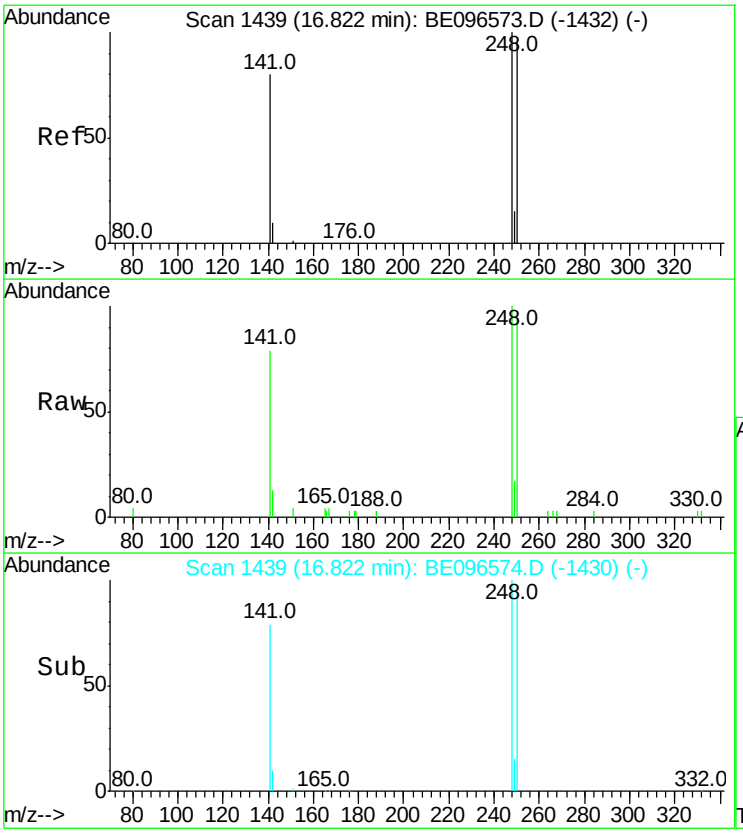
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.64 min Scan# 1509
Delta R.T. -0.00 min
Lab File: BE096574.D
Acq: 15 May 2018 11:00

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:188 Resp: 3641

Ion	Ratio	Lower	Upper
188	100		
94	0.0	3.9	5.9#
80	9.7	3.6	5.4#

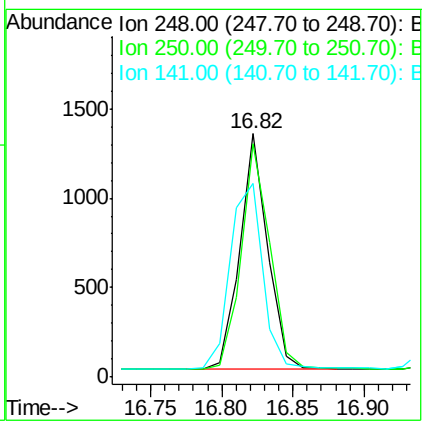


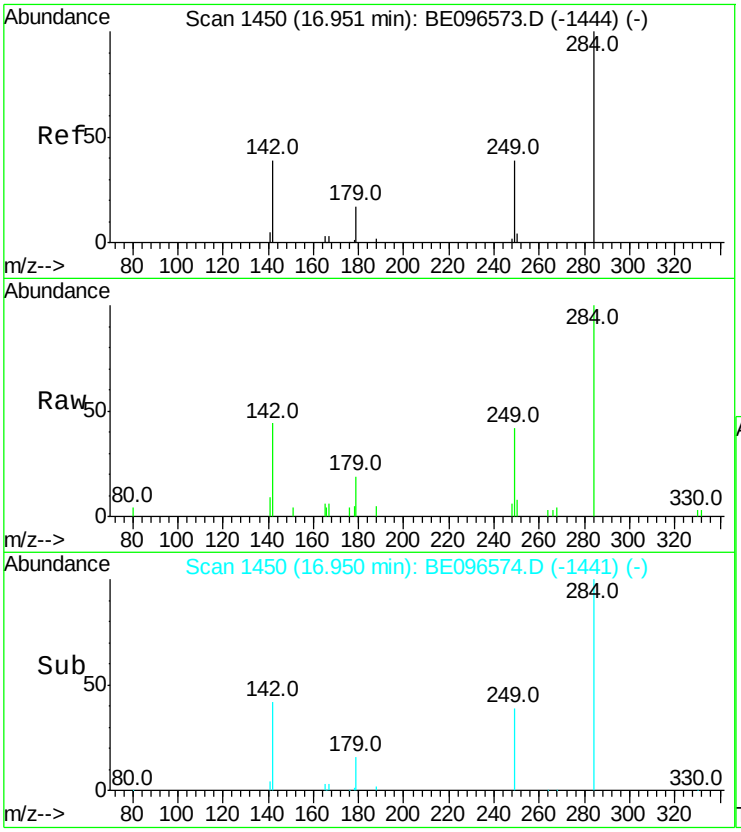


#20
4-Bromophenyl-phenylether
Concen: 0.825 ng
RT: 16.82 min Scan# 1439
Delta R.T. -0.00 min
Lab File: BE096574.D
Acq: 15 May 2018 11:00

Tgt Ion:248 Resp: 1784

Ion	Ratio	Lower	Upper
248	100		
250	95.6	62.7	94.1#
141	79.4	48.2	72.2#



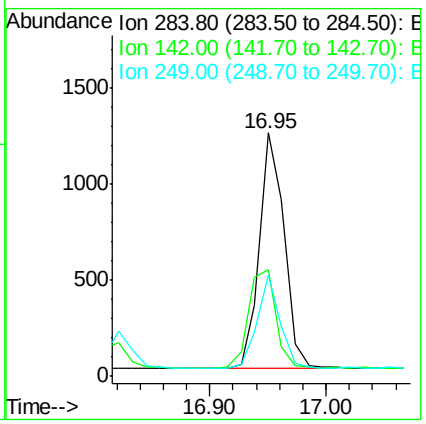


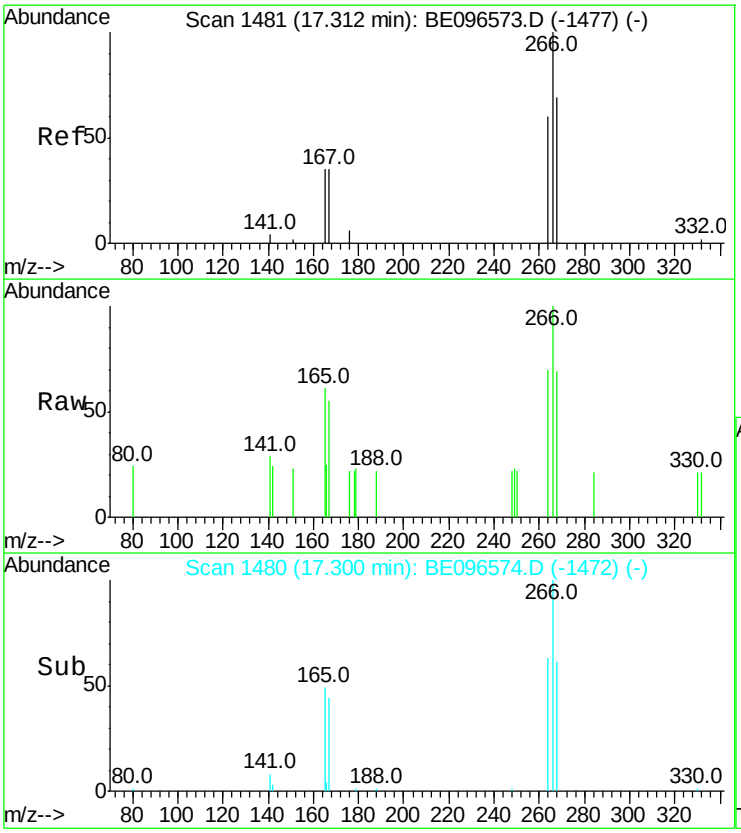
#21
Hexachlorobenzene
Concen: 0.846 ng
RT: 16.95 min Scan# 1450
Delta R.T. -0.00 min
Lab File: BE096574.D
Acq: 15 May 2018 11:00

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:284 Resp: 1824

Ion	Ratio	Lower	Upper
284	100		
142	46.1	22.1	33.1#
249	36.0	34.8	52.2

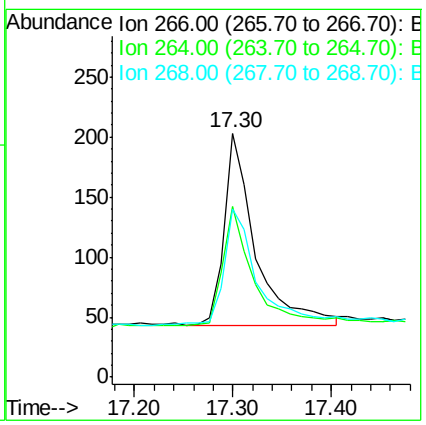


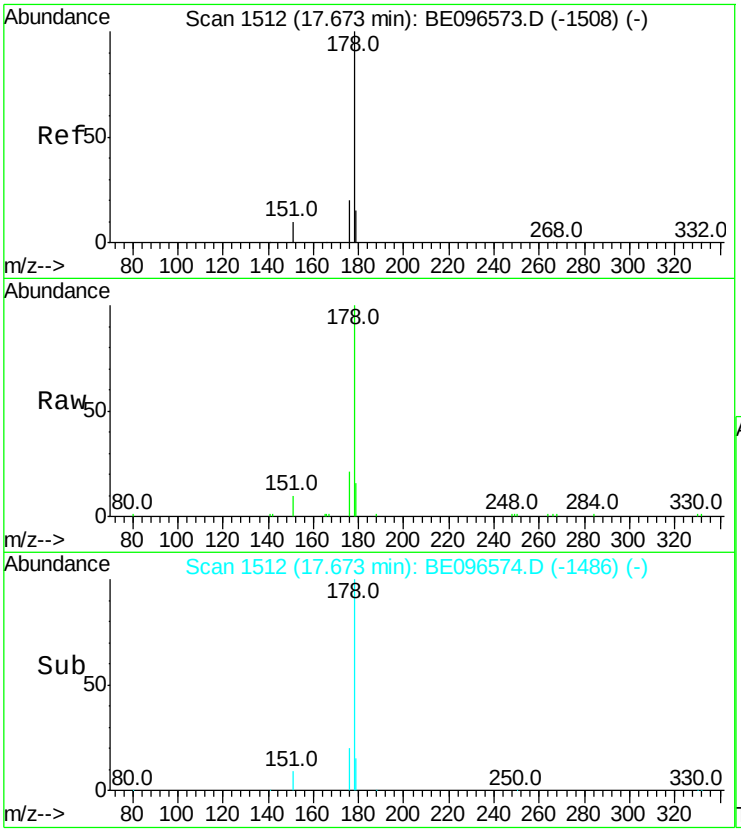


#22
Pentachlorophenol
Concen: 0.501 ng
RT: 17.30 min Scan# 1480
Delta R.T. -0.01 min
Lab File: BE096574.D
Acq: 15 May 2018 11:00

Tgt Ion:266 Resp: 355

Ion	Ratio	Lower	Upper
266	100		
264	70.0	72.5	108.7#
268	69.0	73.8	110.6#



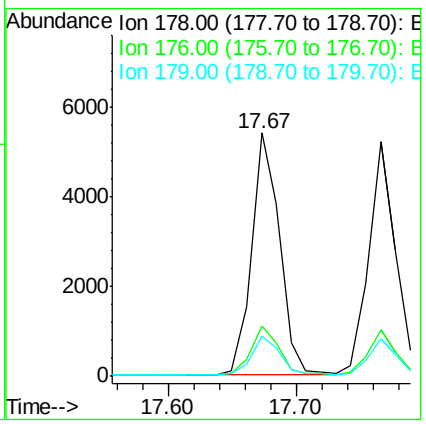


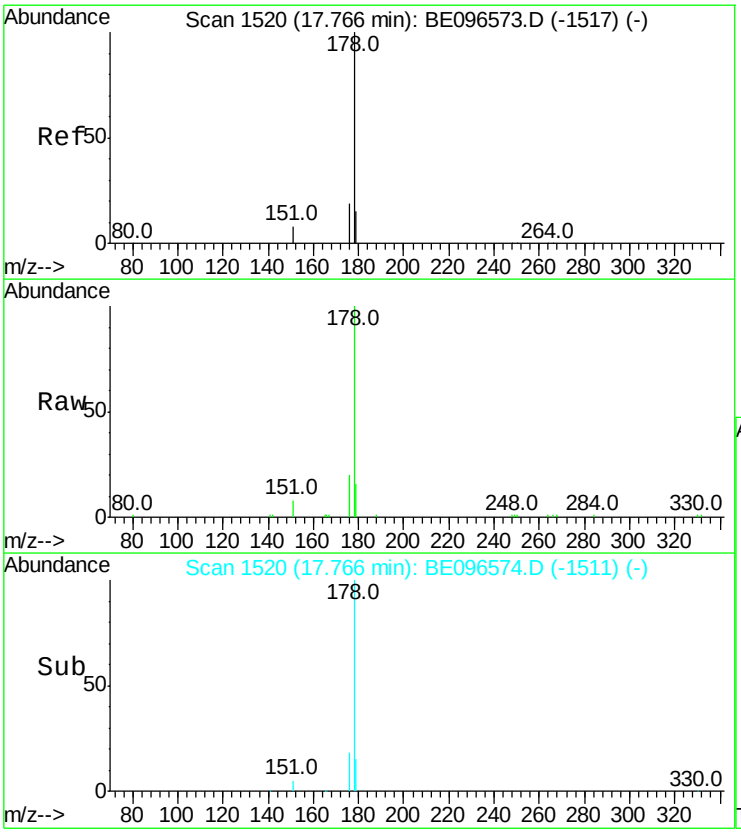
#23
Phenanthrene
Concen: 0.796 ng
RT: 17.67 min Scan# 1512
Delta R.T. -0.00 min
Lab File: BE096574.D
Acq: 15 May 2018 11:00

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:178 Resp: 8145

Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.1	22.7
179	15.3	11.8	17.6

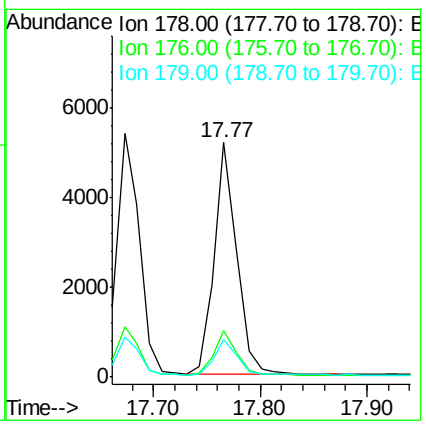


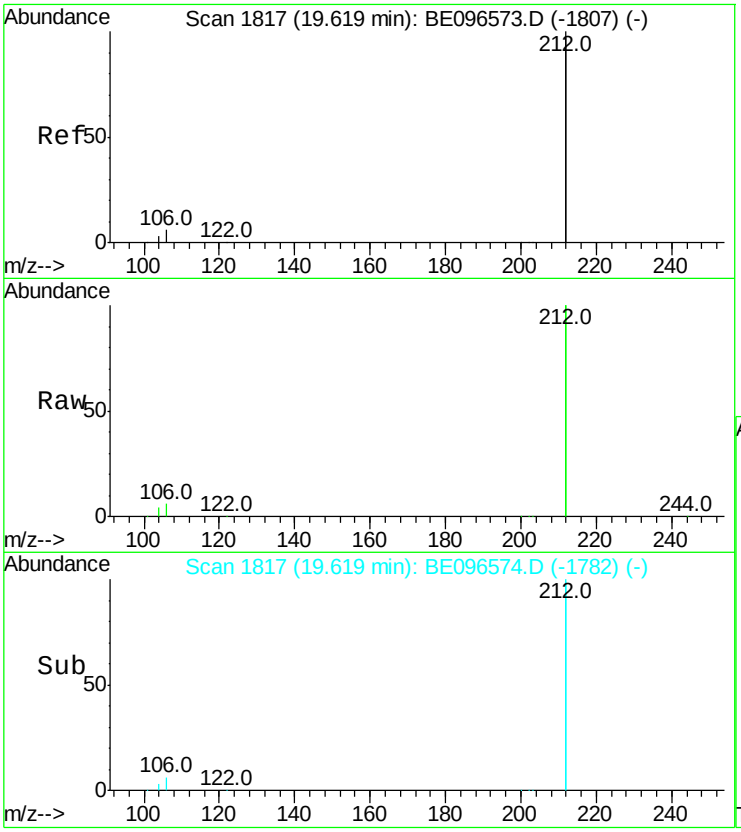


#24
Anthracene
Concen: 0.779 ng
RT: 17.77 min Scan# 1520
Delta R.T. -0.00 min
Lab File: BE096574.D
Acq: 15 May 2018 11:00

Tgt Ion:178 Resp: 7620

Ion	Ratio	Lower	Upper
178	100		
176	19.2	12.8	19.2#
179	15.3	13.0	19.6



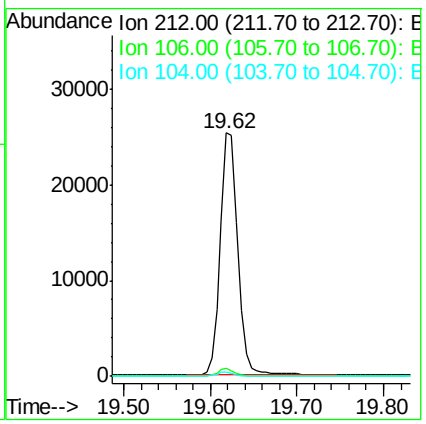


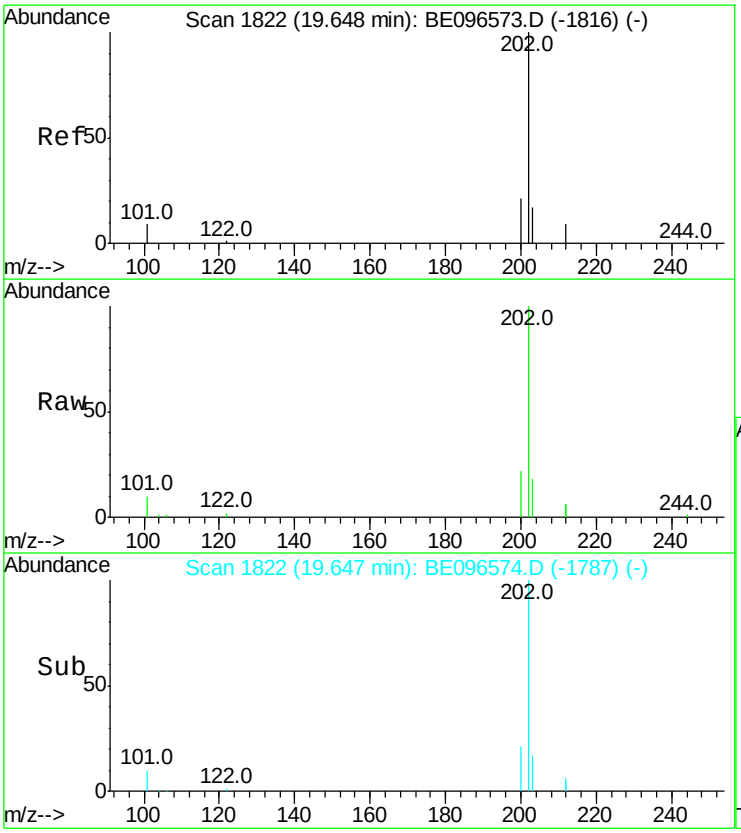
#25
Fluoranthene-d10
Concen: 0.715 ng
RT: 19.62 min Scan# 1817
Delta R.T. -0.00 min
Lab File: BE096574.D
Acq: 15 May 2018 11:00

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:212 Resp: 35342

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

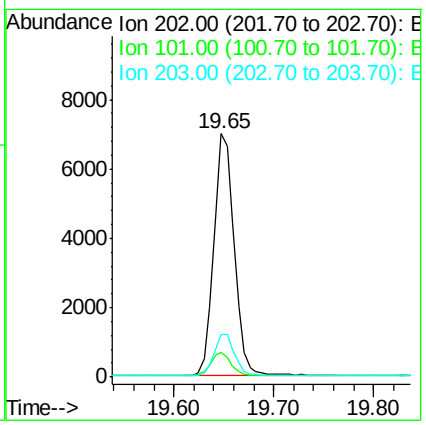


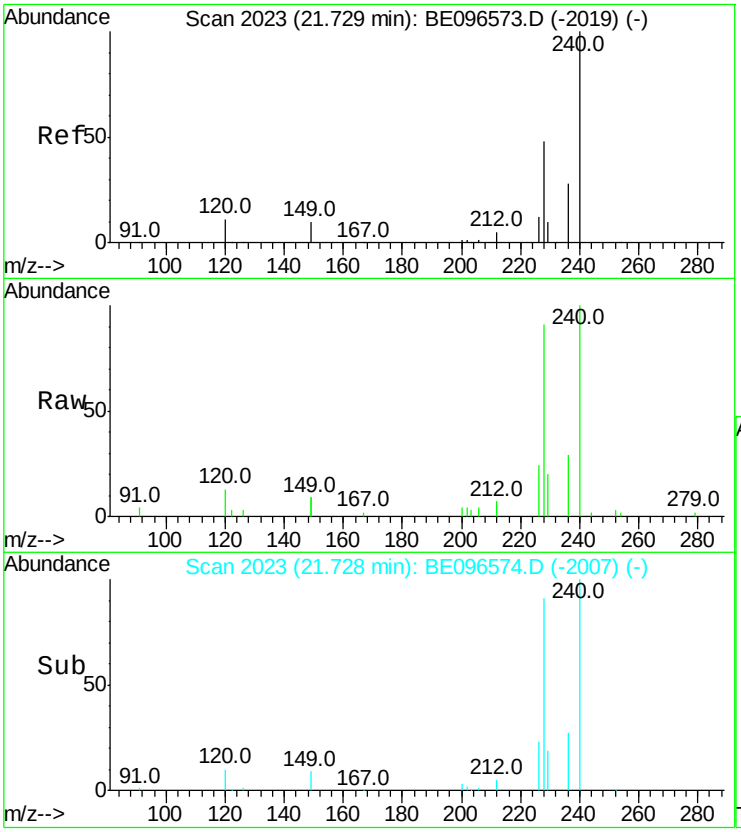


#26
Fluoranthene
Concen: 0.731 ng
RT: 19.65 min Scan# 1822
Delta R.T. -0.00 min
Lab File: BE096574.D
Acq: 15 May 2018 11:00

Tgt Ion:202 Resp: 9830

Ion	Ratio	Lower	Upper
202	100		
101	9.6	9.8	14.8#
203	17.0	13.7	20.5



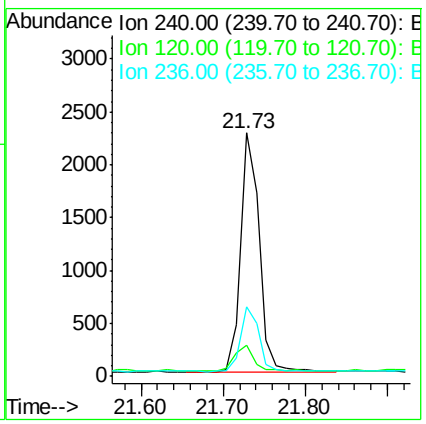


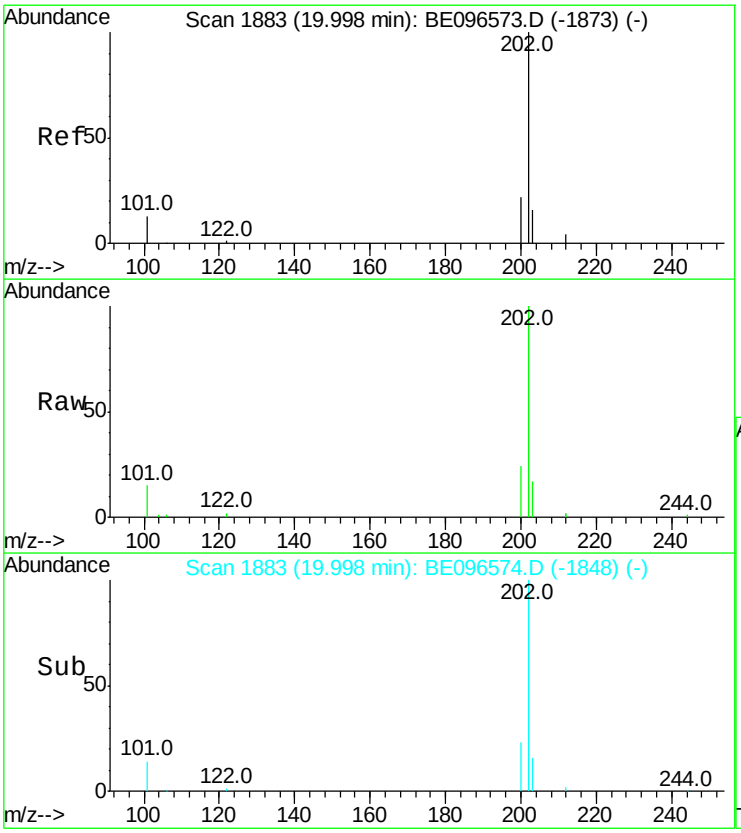
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.73 min Scan# 2023
Delta R.T. -0.00 min
Lab File: BE096574.D
Acq: 15 May 2018 11:00

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:240 Resp: 3526

Ion	Ratio	Lower	Upper
240	100		
120	12.6	5.5	8.3#
236	28.5	20.7	31.1

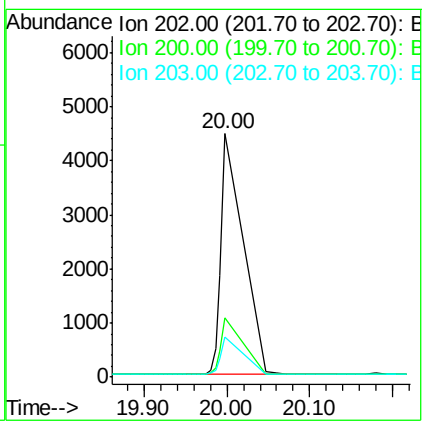


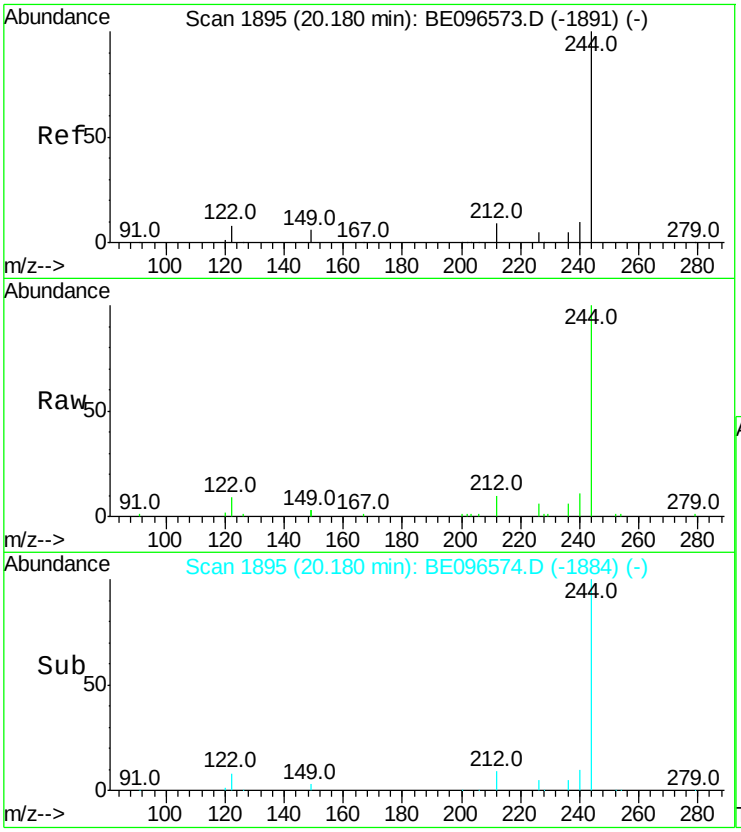


#28
Pyrene
Concen: 0.683 ng
RT: 20.00 min Scan# 1883
Delta R.T. -0.00 min
Lab File: BE096574.D
Acq: 15 May 2018 11:00

Tgt Ion:202 Resp: 4744

Ion	Ratio	Lower	Upper
202	100		
200	22.7	16.6	25.0
203	14.3	13.8	20.8



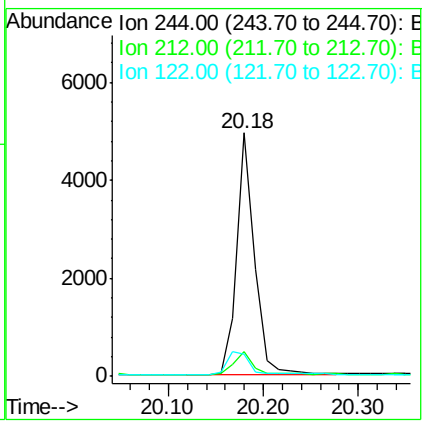


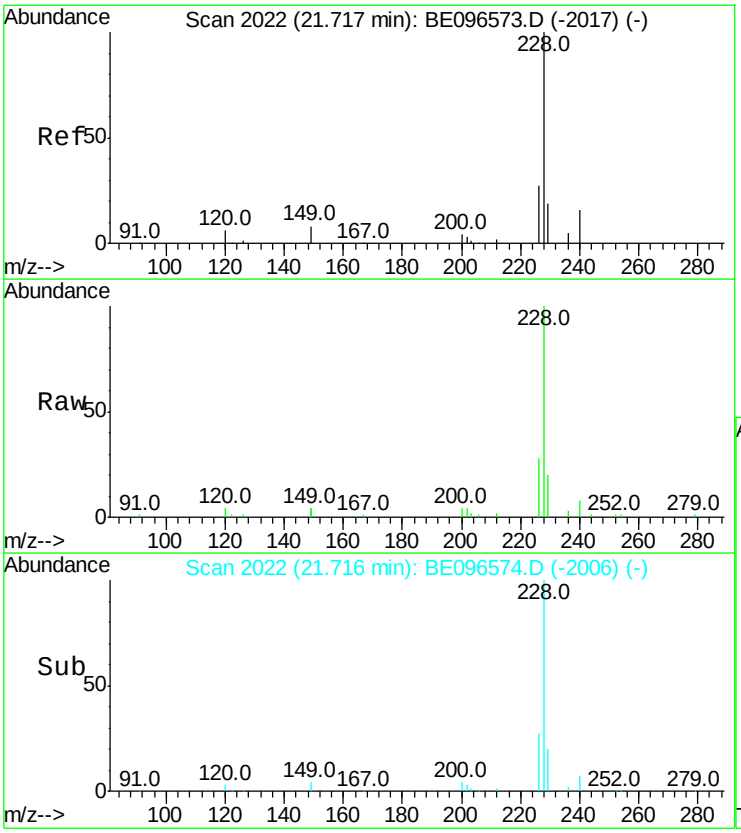
#29
Terphenyl-d14
Concen: 0.816 ng
RT: 20.18 min Scan# 1895
Delta R.T. -0.00 min
Lab File: BE096574.D
Acq: 15 May 2018 11:00

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:244 Resp: 6356

Ion	Ratio	Lower	Upper
244	100		
212	10.2	25.4	38.0#
122	9.0	8.1	12.1

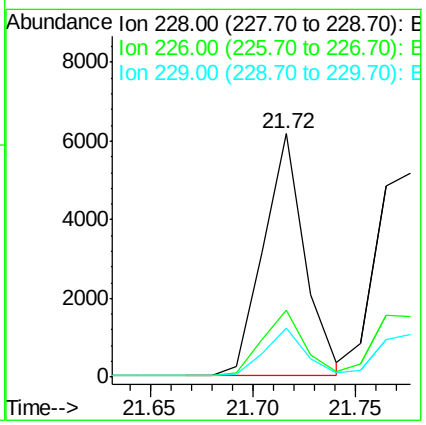


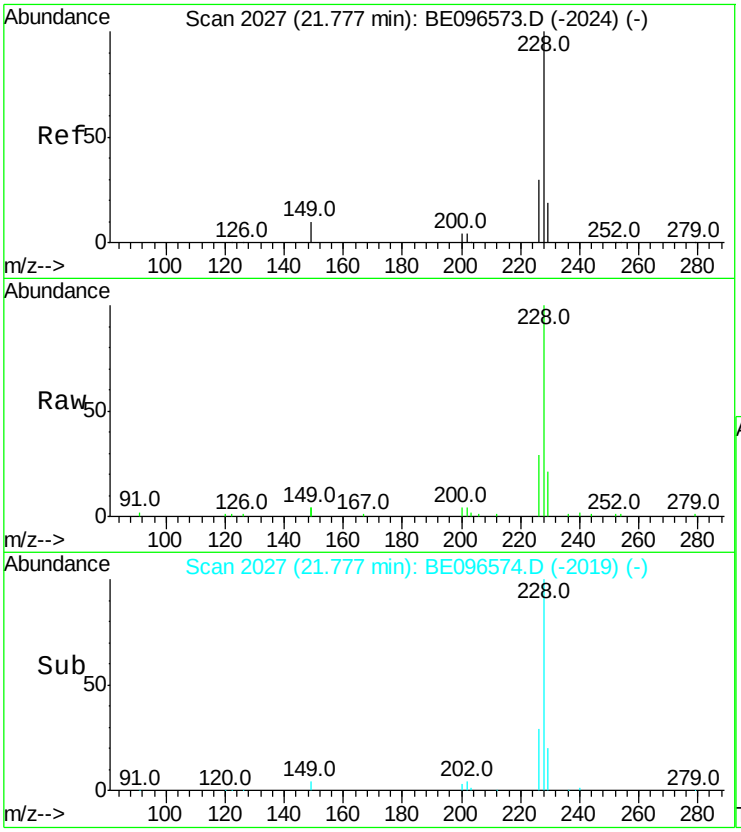


#30
Benzo(a)anthracene
Concen: 0.764 ng
RT: 21.72 min Scan# 2022
Delta R.T. -0.00 min
Lab File: BE096574.D
Acq: 15 May 2018 11:00

Tgt Ion:228 Resp: 8636

Ion	Ratio	Lower	Upper
228	100		
226	27.5	24.0	36.0
229	20.4	16.0	24.0



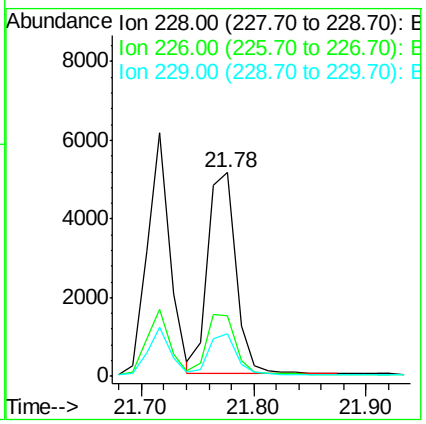


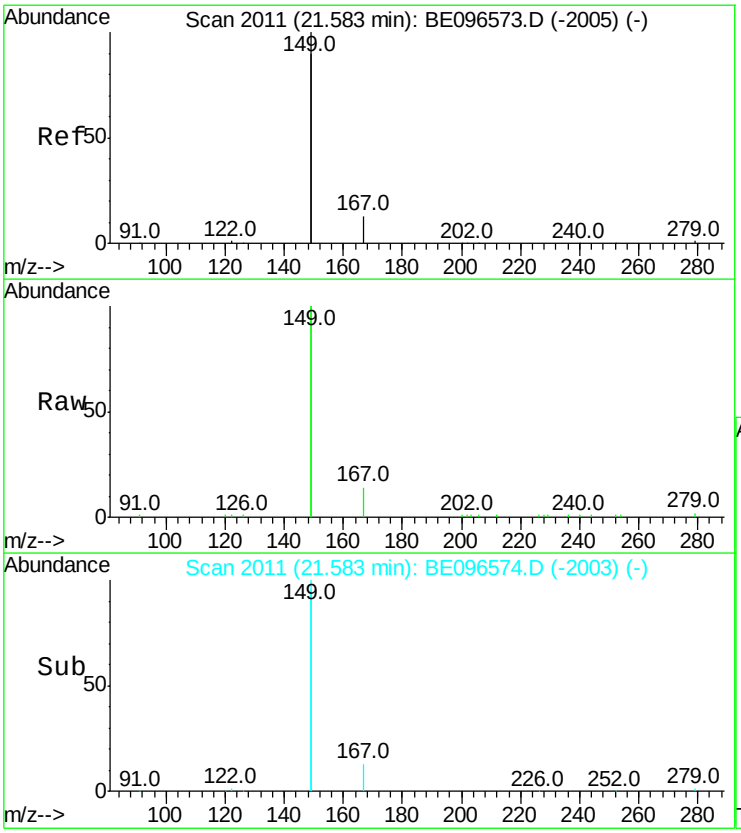
#31
Chrysene
Concen: 0.819 ng
RT: 21.78 min Scan# 2027
Delta R.T. -0.00 min
Lab File: BE096574.D
Acq: 15 May 2018 11:00

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:228 Resp: 8943

Ion	Ratio	Lower	Upper
228	100		
226	29.5	24.0	36.0
229	20.9	16.0	24.0

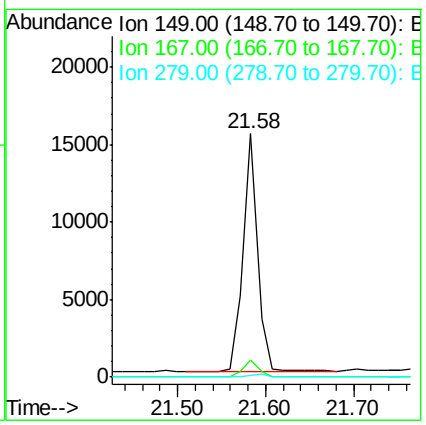


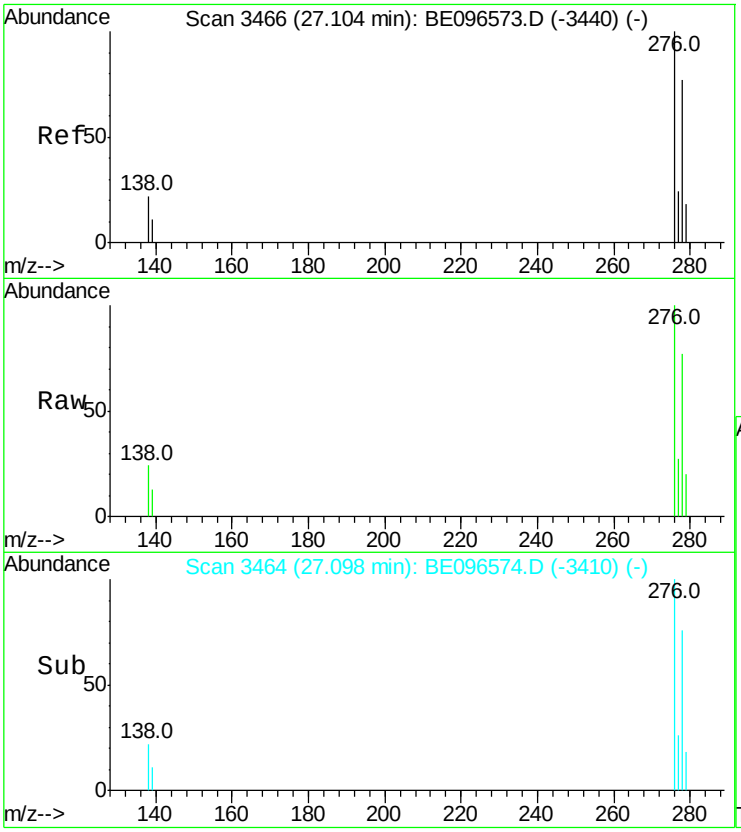


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.604 ng
RT: 21.58 min Scan# 2011
Delta R.T. -0.00 min
Lab File: BE096574.D
Acq: 15 May 2018 11:00

Tgt Ion:149 Resp: 17635

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



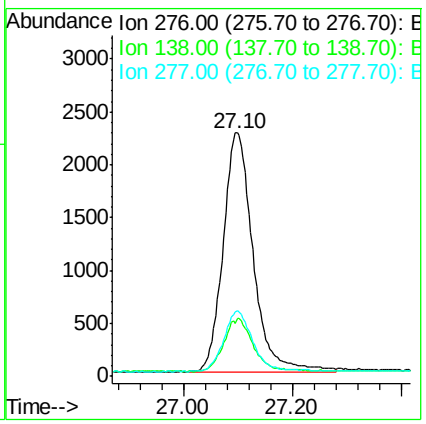


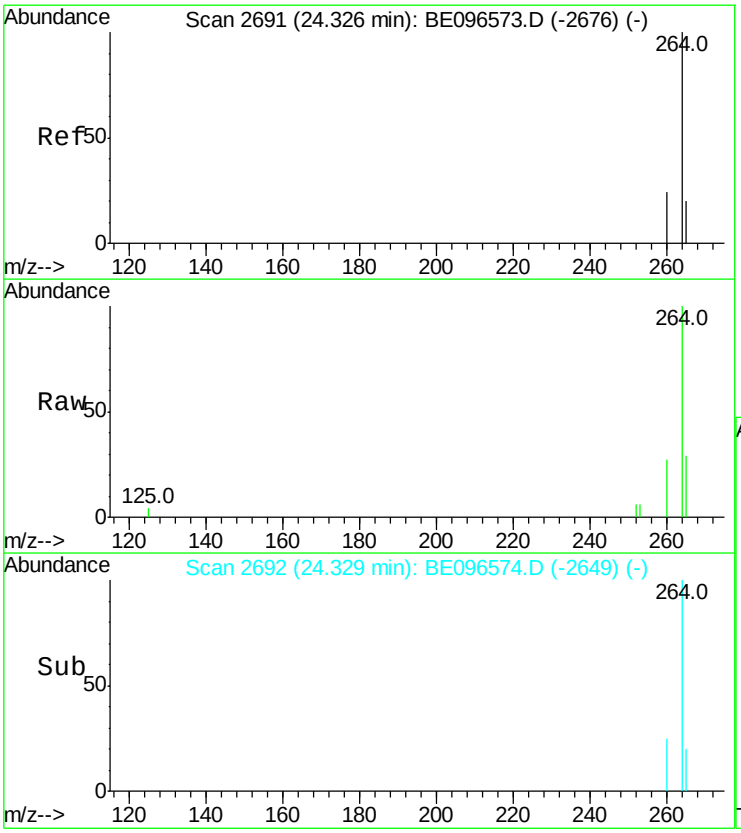
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.818 ng
RT: 27.10 min Scan# 3464
Delta R.T. -0.01 min
Lab File: BE096574.D
Acq: 15 May 2018 11:00

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:276 Resp: 8658

Ion	Ratio	Lower	Upper
276	100		
138	21.6	22.5	33.7#
277	24.4	19.9	29.9

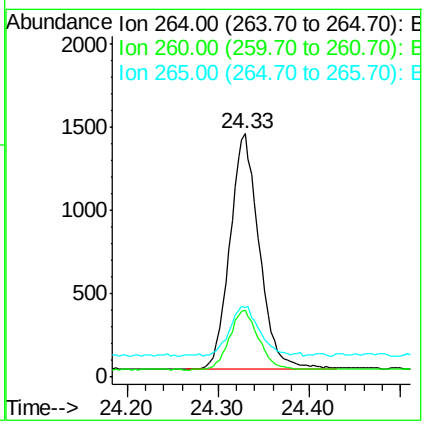


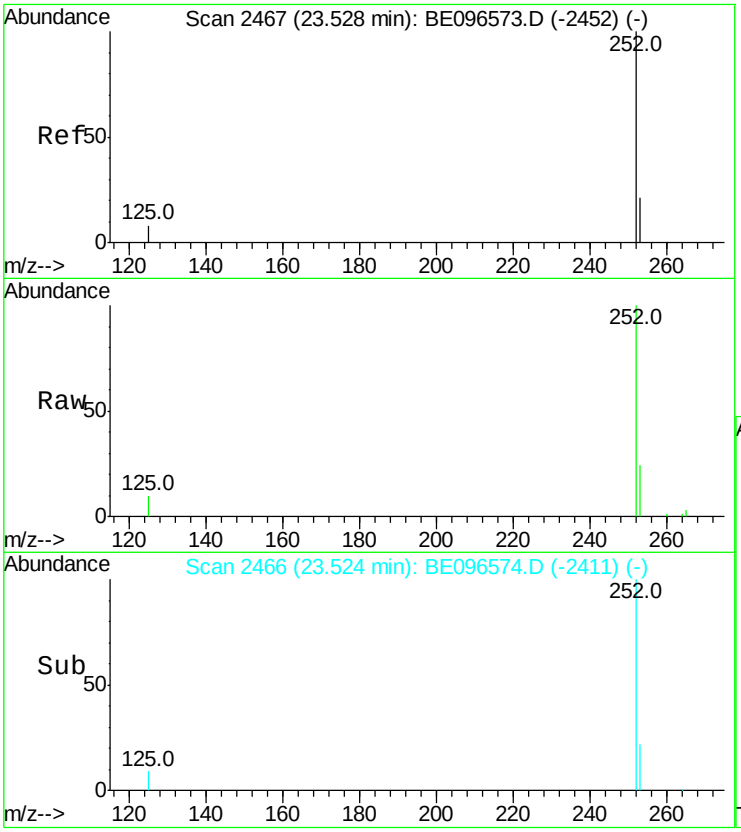


#34
Perylene-d12
Concen: 0.400 ng
RT: 24.33 min Scan# 2692
Delta R.T. 0.00 min
Lab File: BE096574.D
Acq: 15 May 2018 11:00

Tgt Ion:264 Resp: 3184

Ion	Ratio	Lower	Upper
264	100		
260	27.3	20.5	30.7
265	28.8	22.8	34.2



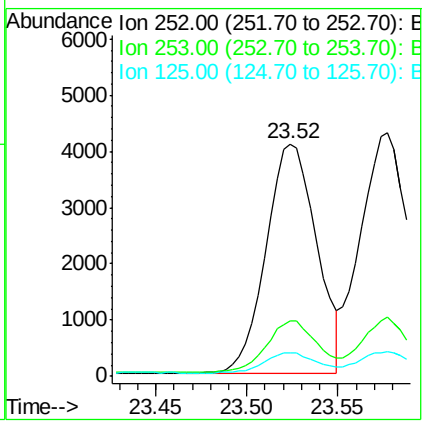


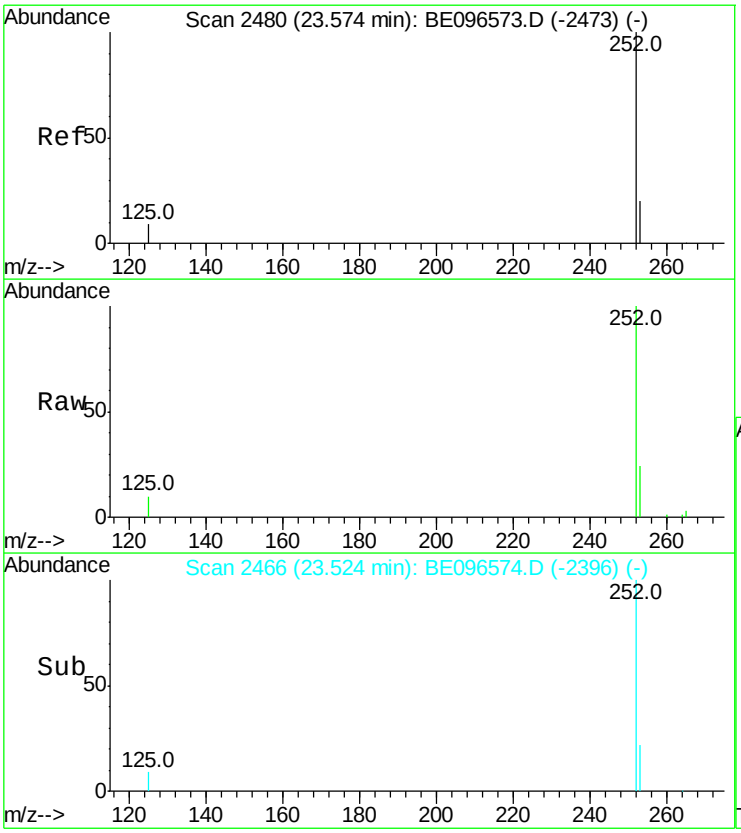
#35
Benzo(b)fluoranthene
Concen: 0.820 ng
RT: 23.52 min Scan# 2466
Delta R.T. -0.00 min
Lab File: BE096574.D
Acq: 15 May 2018 11:00

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:252 Resp: 7828

Ion	Ratio	Lower	Upper
252	100		
253	23.9	20.0	30.0
125	9.9	16.0	24.0#

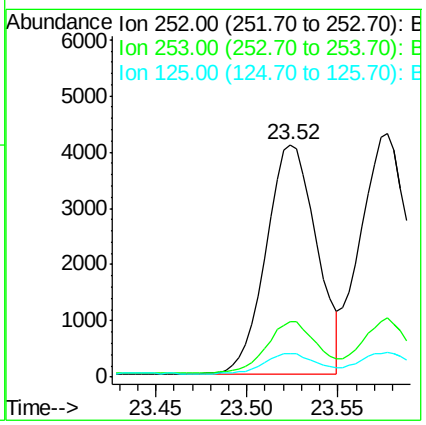


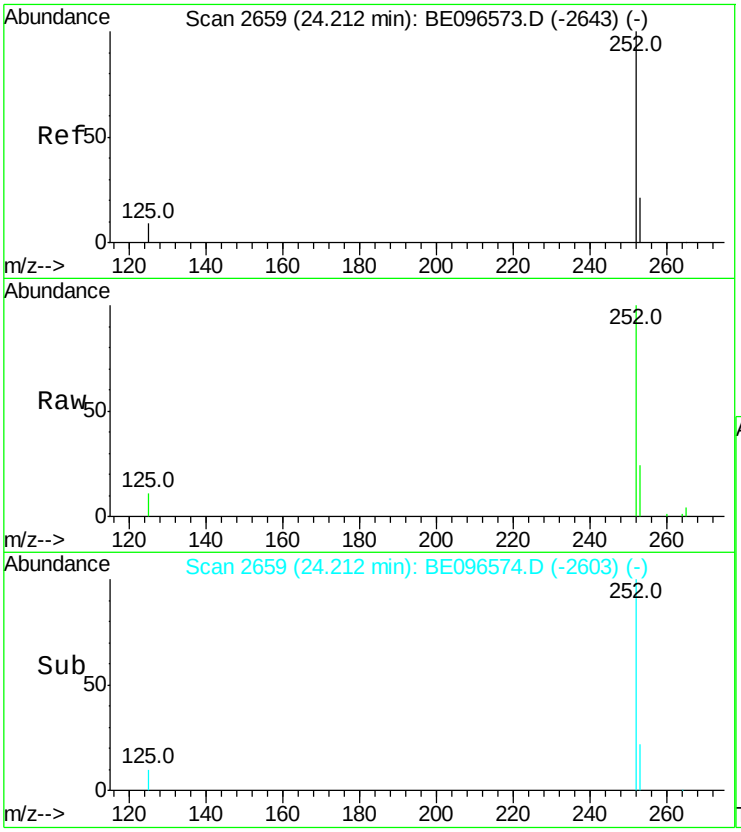


#36
Benzo(k)fluoranthene
Concen: 0.797 ng
RT: 23.52 min Scan# 2466
Delta R.T. -0.05 min
Lab File: BE096574.D
Acq: 15 May 2018 11:00

Tgt Ion:252 Resp: 7828

Ion	Ratio	Lower	Upper
252	100		
253	23.9	16.0	24.0
125	9.9	8.0	12.0



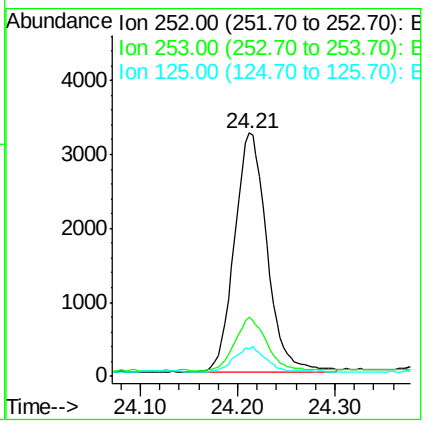


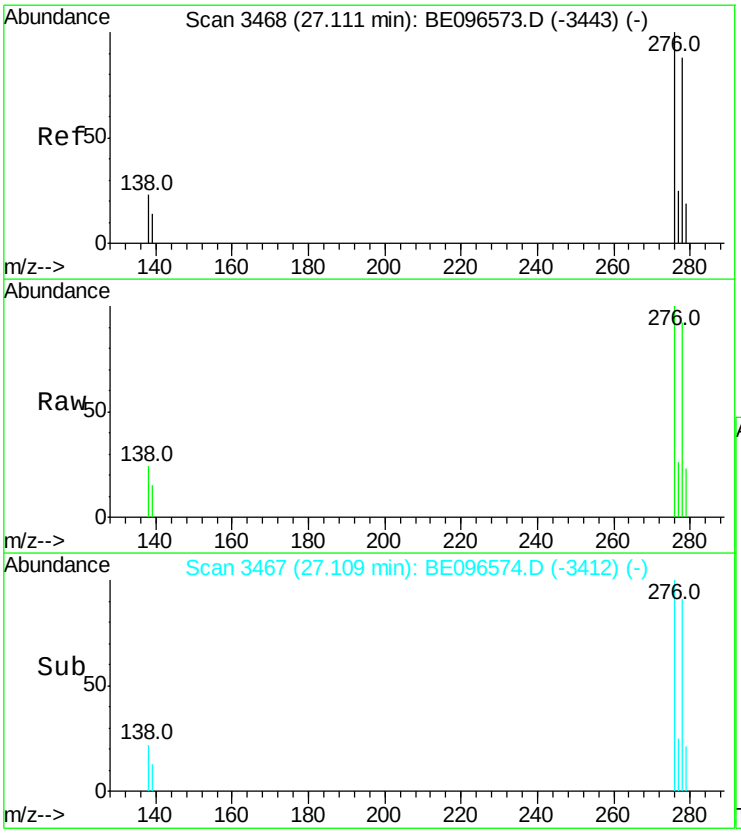
#37
Benzo(a)pyrene
Concen: 0.816 ng
RT: 24.21 min Scan# 2659
Delta R.T. -0.00 min
Lab File: BE096574.D
Acq: 15 May 2018 11:00

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:252 Resp: 7488

Ion	Ratio	Lower	Upper
252	100		
253	24.1	16.0	24.0#
125	11.4	12.0	18.0#

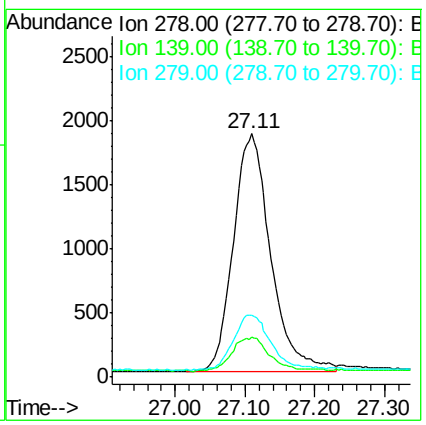


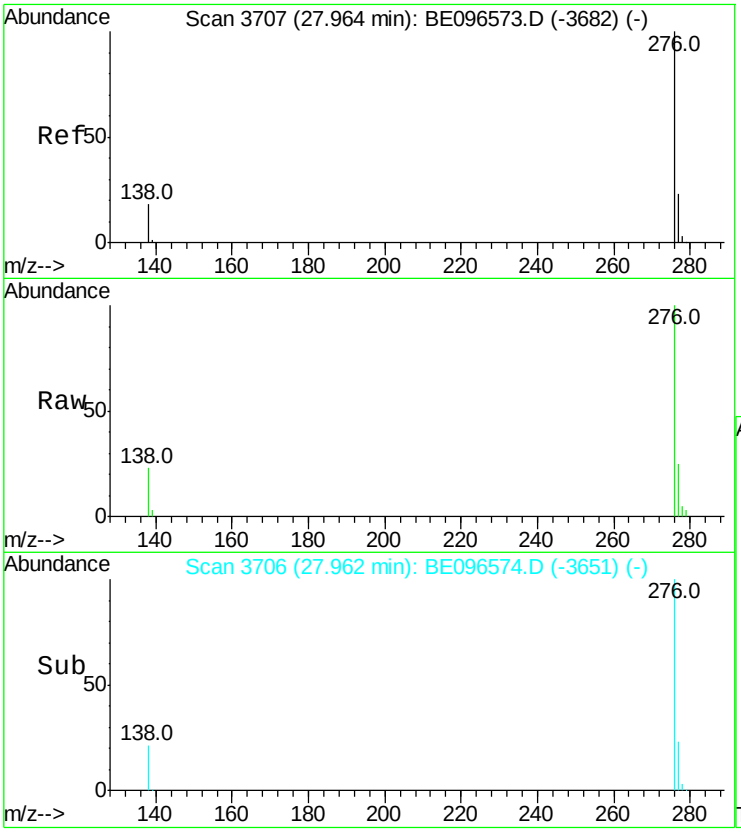


#38
Dibenzo(a,h)anthracene
Concen: 0.853 ng
RT: 27.11 min Scan# 3467
Delta R.T. -0.00 min
Lab File: BE096574.D
Acq: 15 May 2018 11:00

Tgt Ion:278 Resp: 6905

Ion	Ratio	Lower	Upper
278	100		
139	16.5	16.0	24.0
279	25.5	20.0	30.0





#39
Benzo(g,h,i)perylene
Concen: 0.841 ng
RT: 27.96 min Scan# 3706
Delta R.T. -0.00 min
Lab File: BE096574.D
Acq: 15 May 2018 11:00

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:276 Resp: 7200

Ion	Ratio	Lower	Upper
276	100		
277	24.9	16.0	24.0#
138	22.6	20.0	30.0