Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE051518\
Data File : BE096585.D
Acq On : 15 May 2018 19:27
Operator : SJ/JU
Sample : SSTDCCC0.4EC
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: May 16 05:36:41 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 13:02:03 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.35	152	634	0.40	ng		0.00
7) Naphthalene-d8	11.18	136	2627	0.40	ng		0.00
13) Acenaphthene-d10	14.92	164	1577	0.40	ng		0.00
19) Phenanthrene-d10	17.64	188	3431	0.40	ng		0.00
27) Chrysene-d12	21.73	240	3234	0.40	ng		0.00
34) Perylene-d12	24.33	264	3103	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.85	112	724	0.41	ng		0.00
5) Phenol-d6	7.50	99	1046	0.42	ng		0.00
8) Nitrobenzene-d5	9.44	82	113	0.04	ng		-0.09
11) 2-Methylnaphthalene-d10	12.72	152	1785	0.42	ng		0.00
14) 2,4,6-Tribromophenol	16.40	330	259	0.42	ng		0.00
15) 2-Fluorobiphenyl	13.56	172	2759	0.41	ng		0.00
25) Fluoranthene-d10	19.62	212	17339	0.41	ng		0.00
29) Terphenyl-d14	20.18	244	3200	0.44	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.58	88	381	0.401	ng		93
3) n-Nitrosodimethylamine	3.95	42	493	0.415	ng	#	77
6) bis(2-Chloroethyl)ether	7.75	93	975	0.421	ng		93
9) Naphthalene	11.22	128	11424	0.413	ng		99
10) Hexachlorobutadiene	11.49	225	530	0.343	ng	#	81
12) 2-Methylnaphthalene	12.79	142	1944	0.410	ng		92
16) Acenaphthylene	14.66	152	3279	0.398	ng		99
17) Acenaphthene	14.99	154	2046	0.408	ng		94
18) Fluorene	15.96	166	3140	0.503	ng	#	77
20) 4-Bromophenyl-phenylether	16.82	248	885	0.425	ng	#	77
21) Hexachlorobenzene	16.95	284	878	0.405	ng	#	80
22) Pentachlorophenol	17.31	266	169	0.424	ng		86
23) Phenanthrene	17.67	178	3984	0.414	ng		98
24) Anthracene	17.77	178	3596	0.401	ng	#	95
26) Fluoranthene	19.65	202	4743	0.412	ng	#	97
28) Pyrene	20.00	202	2100	0.360	ng		95
30) Benzo(a)anthracene	21.72	228	4159	0.418	ng		97
31) Chrysene	21.78	228	4311	0.416	ng		98
32) Bis(2-ethylhexyl)phthalate	21.58	149	8648	0.406	ng		100
33) Indeno(1,2,3-cd)pyrene	27.10	276	4242	0.428	ng	#	93
35) Benzo(b)fluoranthene	23.53	252	3890	0.406	ng	#	90
36) Benzo(k)fluoranthene	23.58	252	4058	0.400	ng	#	91
37) Benzo(a)pyrene	24.21	252	3712	0.406	ng	#	91
38) Dibenzo(a,h)anthracene	27.11	278	3424	0.409	ng		97
39) Benzo(g,h,i)perylene	27.96	276	3600	0.411	ng	#	90

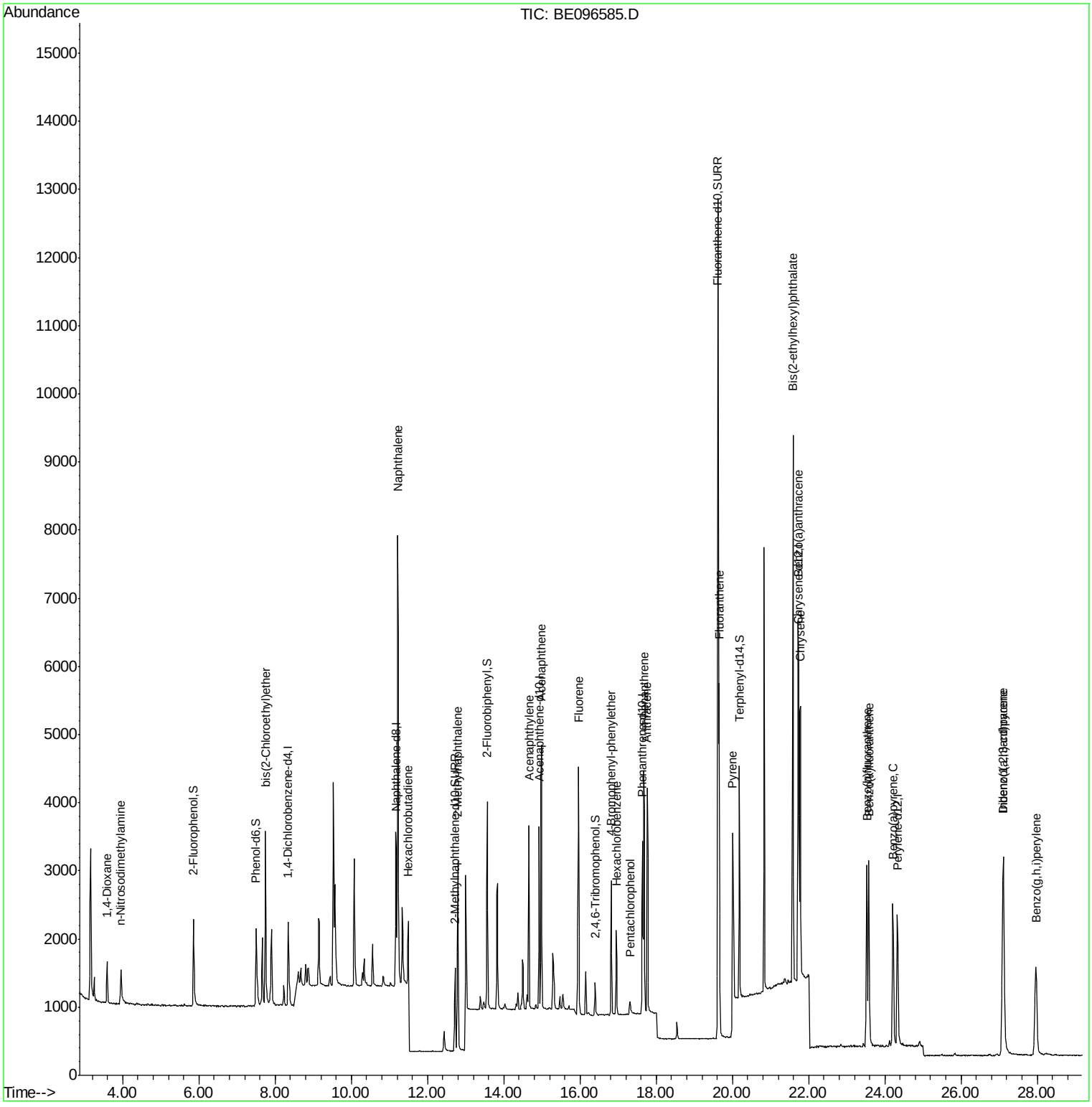
(#) = qualifier out of range (m) = manual integration (+) = signals summed

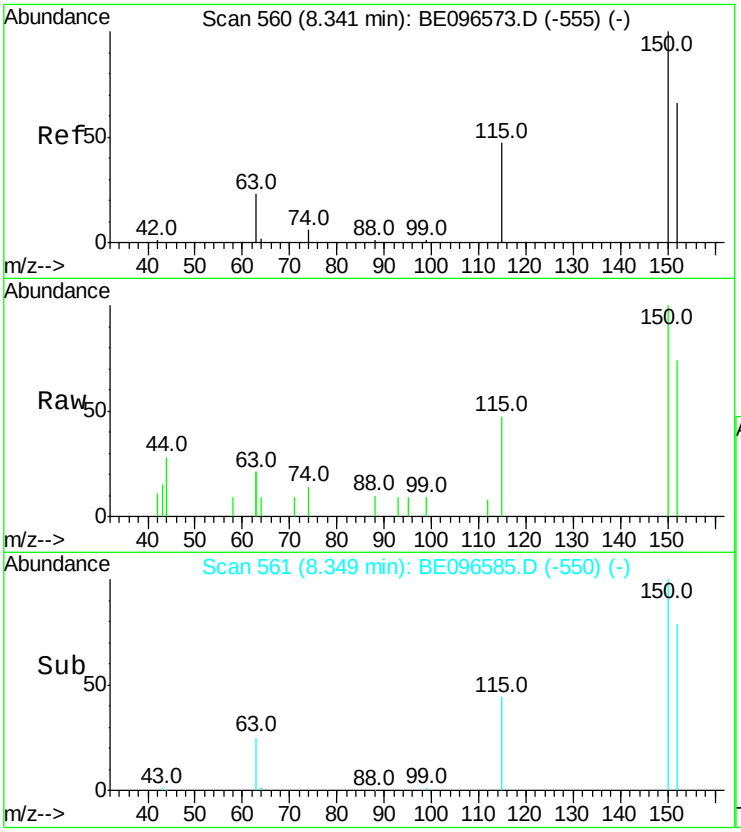
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE051518\
Data File : BE096585.D
Acq On : 15 May 2018 19:27
Operator : SJ/JU
Sample : SSTDCCC0.4EC
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: May 16 05:36:41 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 13:02:03 2018
Response via : Initial Calibration



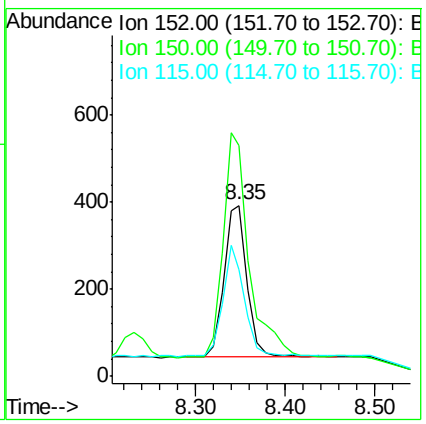


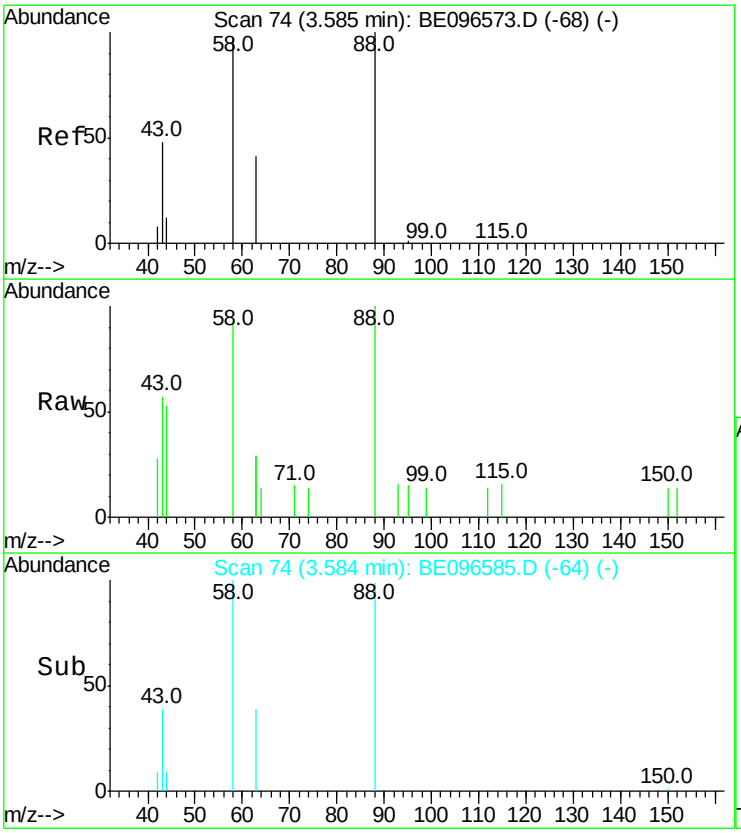
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.35 min Scan# 561
Delta R.T. 0.01 min
Lab File: BE096585.D
Acq: 15 May 2018 19:27

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 634

Ion	Ratio	Lower	Upper
152	100		
150	134.6	117.2	175.8
115	62.6	57.0	85.6

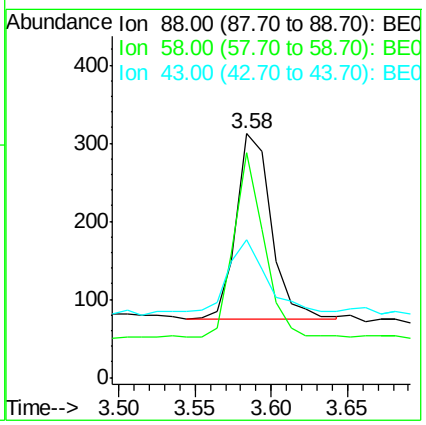


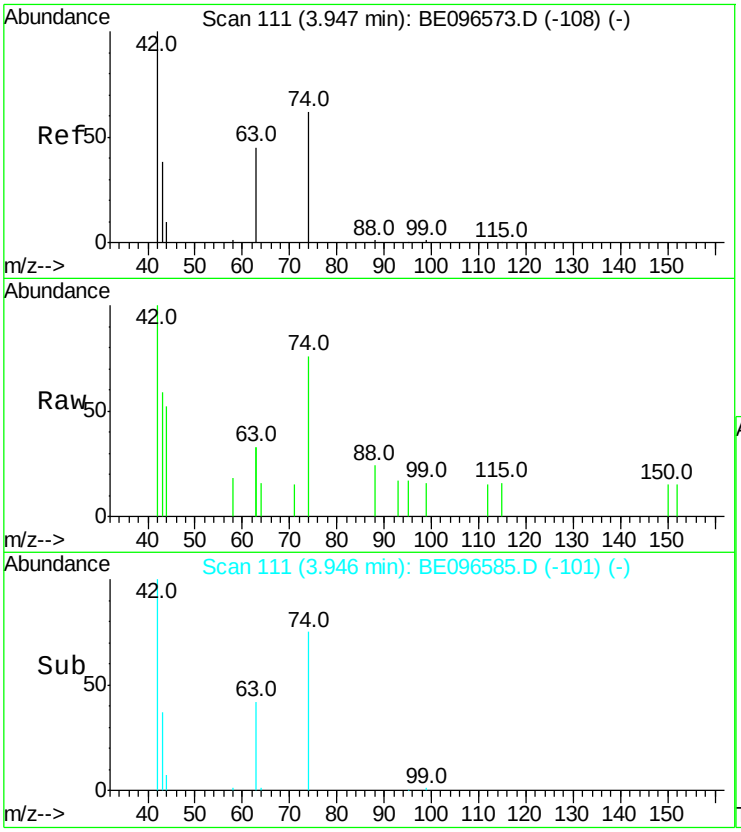


#2
1,4-Dioxane
Concen: 0.401 ng
RT: 3.58 min Scan# 74
Delta R.T. -0.00 min
Lab File: BE096585.D
Acq: 15 May 2018 19:27

Tgt Ion: 88 Resp: 381

Ion	Ratio	Lower	Upper
88	100		
58	86.6	63.2	94.8
43	48.8	41.2	61.8



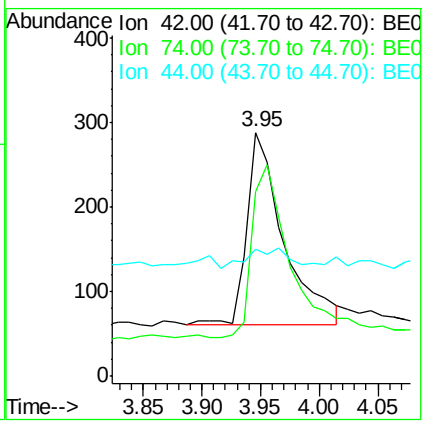


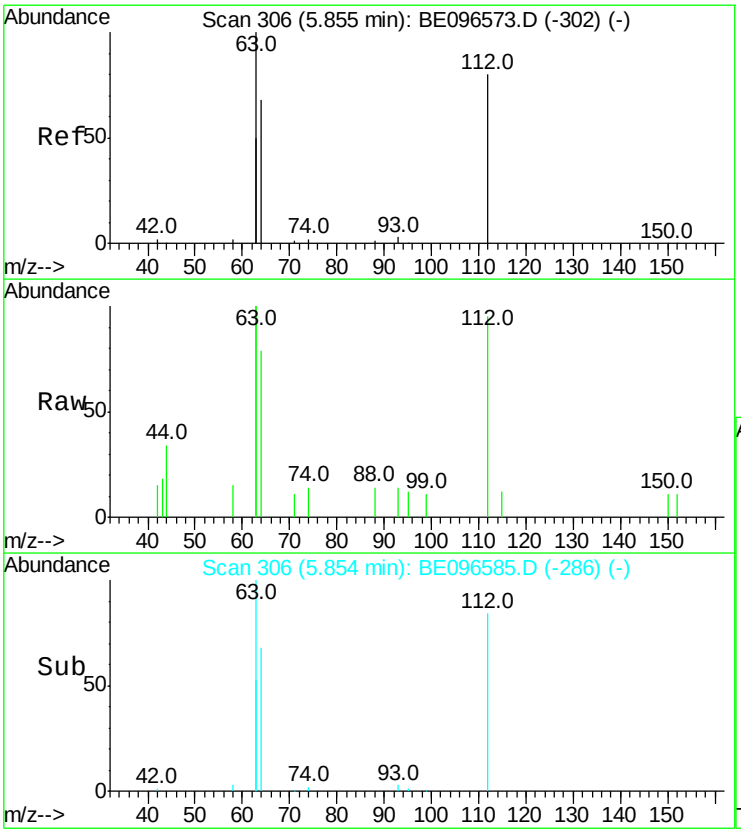
#3
n-Nitrosodimethylamine
Concen: 0.415 ng
RT: 3.95 min Scan# 111
Delta R.T. -0.00 min
Lab File: BE096585.D
Acq: 15 May 2018 19:27

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 42 Resp: 493

Ion	Ratio	Lower	Upper
42	100		
74	92.3	96.0	144.0#
44	12.0	12.0	18.0#

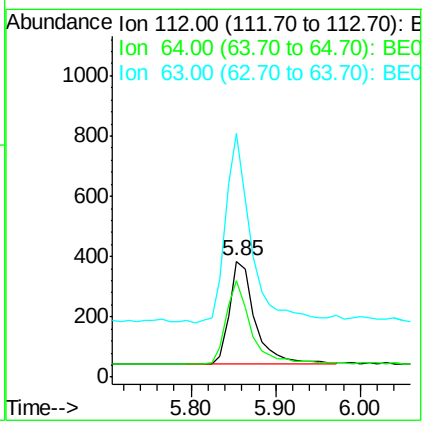


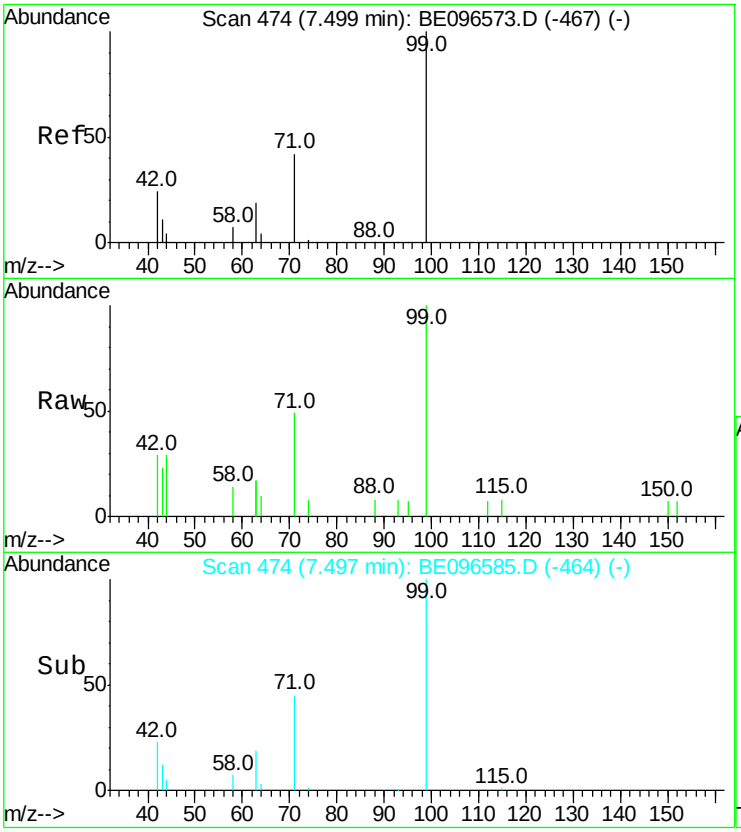


#4
2-Fluorophenol
Concen: 0.414 ng
RT: 5.85 min Scan# 306
Delta R.T. -0.00 min
Lab File: BE096585.D
Acq: 15 May 2018 19:27

Tgt Ion:112 Resp: 724

Ion	Ratio	Lower	Upper
112	100		
64	79.6	60.1	90.1
63	180.1	116.8	175.2#



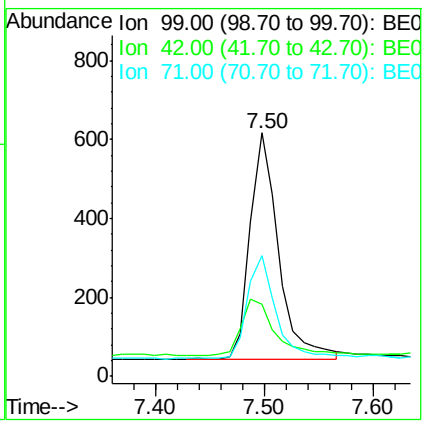


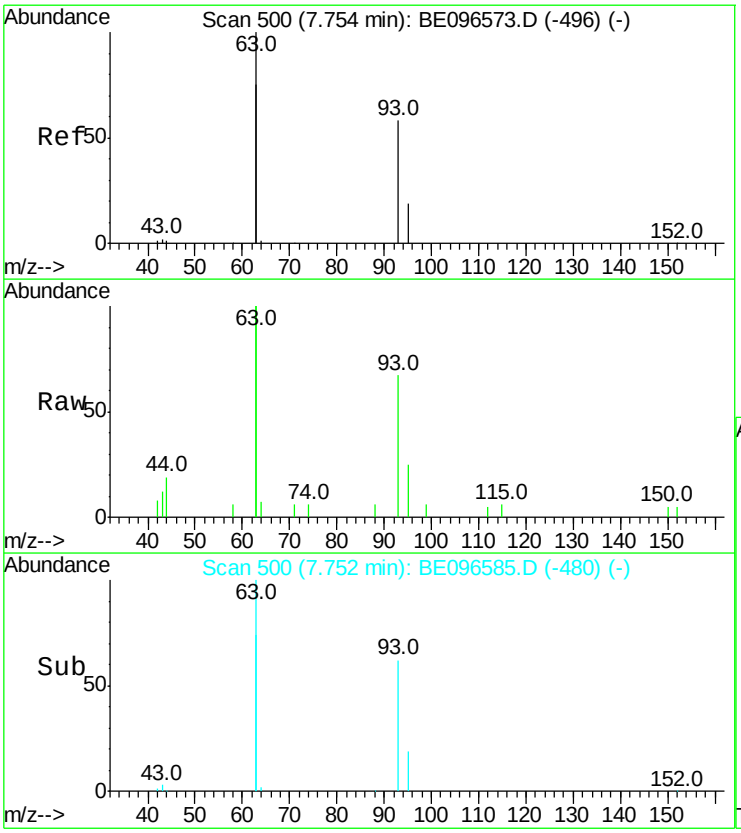
#5
Phenol-d6
Concen: 0.423 ng
RT: 7.50 min Scan# 474
Delta R.T. -0.00 min
Lab File: BE096585.D
Acq: 15 May 2018 19:27

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 99 Resp: 1046

Ion	Ratio	Lower	Upper
99	100		
42	28.8	20.2	30.2
71	45.2	28.4	42.6#

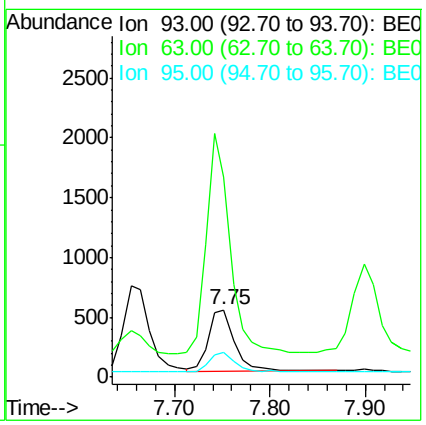


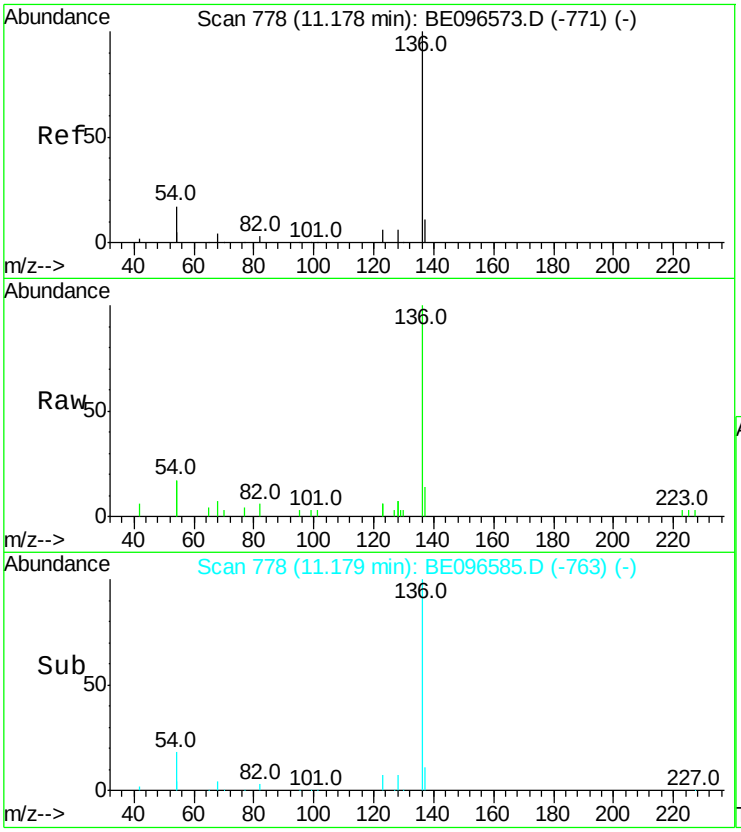


#6
bis(2-Chloroethyl)ether
Concen: 0.421 ng
RT: 7.75 min Scan# 500
Delta R.T. -0.00 min
Lab File: BE096585.D
Acq: 15 May 2018 19:27

Tgt Ion: 93 Resp: 975

Ion	Ratio	Lower	Upper
93	100		
63	327.3	275.3	412.9
95	30.3	25.2	37.8



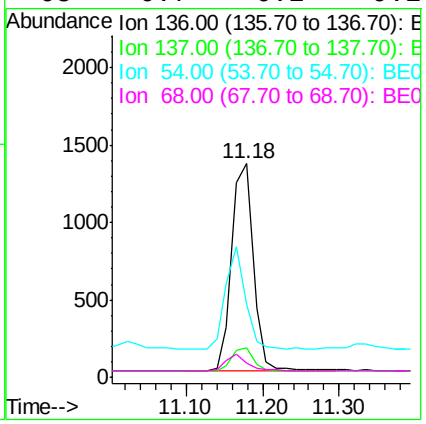


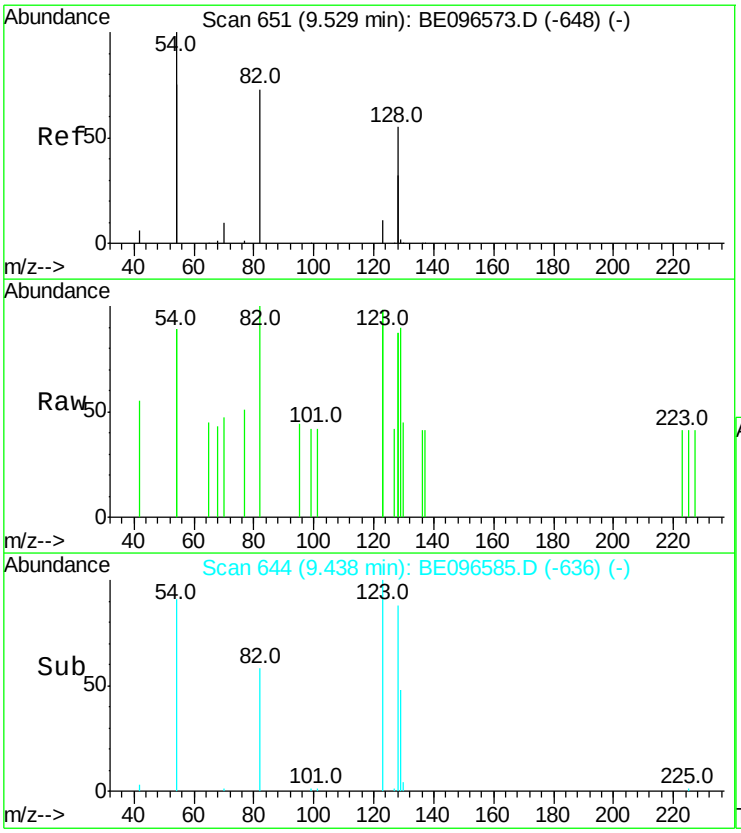
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 11.18 min Scan# 778
Delta R.T. 0.00 min
Lab File: BE096585.D
Acq: 15 May 2018 19:27

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:136 Resp: 2627

Ion	Ratio	Lower	Upper
136	100		
137	13.8	9.5	14.3
54	34.2	29.1	43.7
68	6.7	6.2	9.2

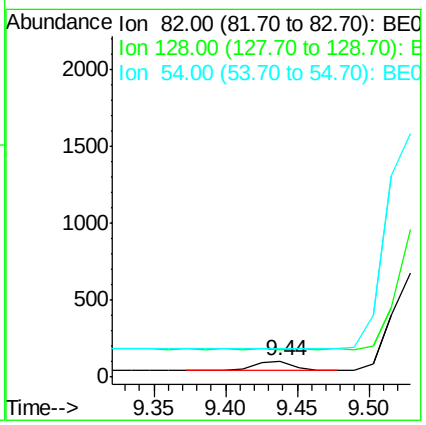


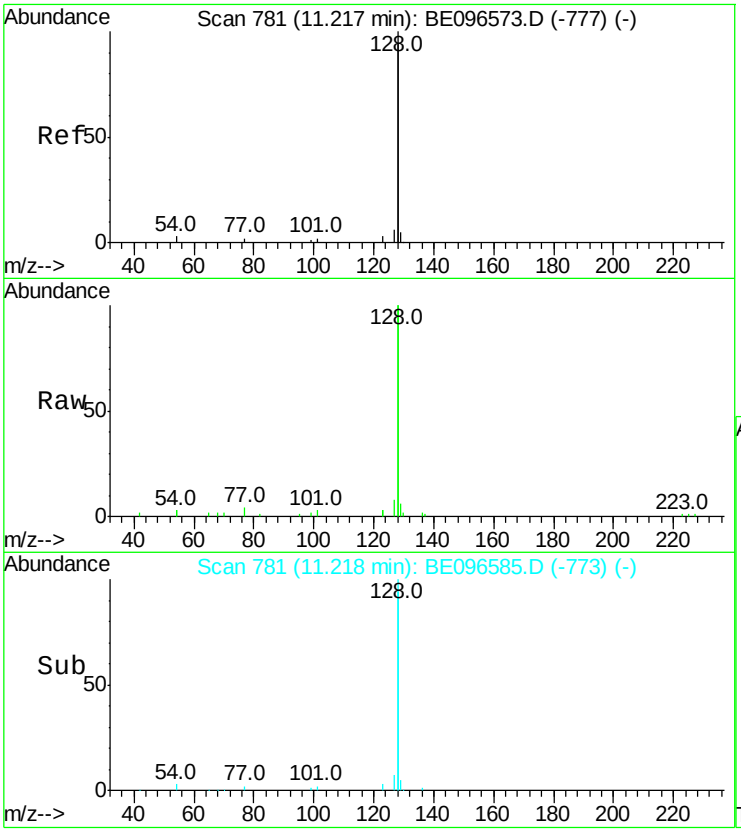


#8
Nitrobenzene-d5
Concen: 0.040 ng
RT: 9.44 min Scan# 644
Delta R.T. -0.09 min
Lab File: BE096585.D
Acq: 15 May 2018 19:27

Tgt Ion: 82 Resp: 113

Ion	Ratio	Lower	Upper
82	100		
128	173.1	150.0	225.0
54	178.8	154.2	231.4



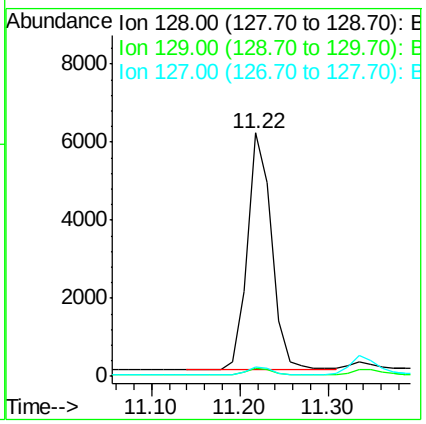


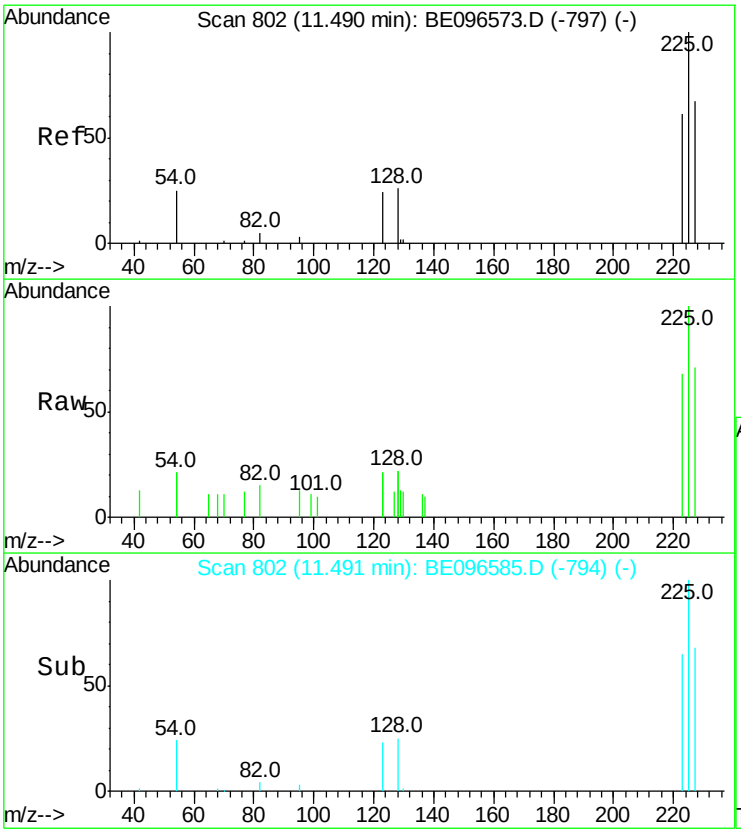
#9
Naphthalene
Concen: 0.413 ng
RT: 11.22 min Scan# 781
Delta R.T. 0.00 min
Lab File: BE096585.D
Acq: 15 May 2018 19:27

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:128 Resp: 11424

Ion	Ratio	Lower	Upper
128	100		
129	3.2	2.6	3.8
127	4.0	2.8	4.2

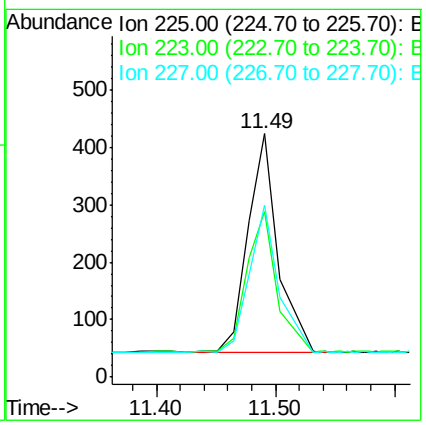


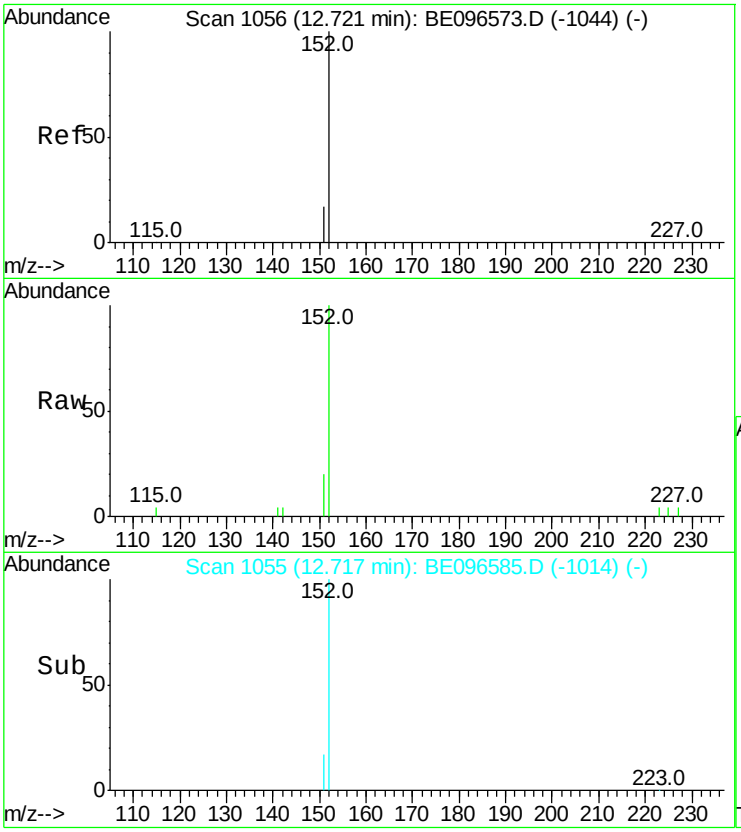


#10
Hexachlorobutadiene
Concen: 0.343 ng
RT: 11.49 min Scan# 802
Delta R.T. 0.00 min
Lab File: BE096585.D
Acq: 15 May 2018 19:27

Tgt Ion:225 Resp: 530

Ion	Ratio	Lower	Upper
225	100		
223	80.0	53.0	79.6#
227	80.0	51.4	77.2#



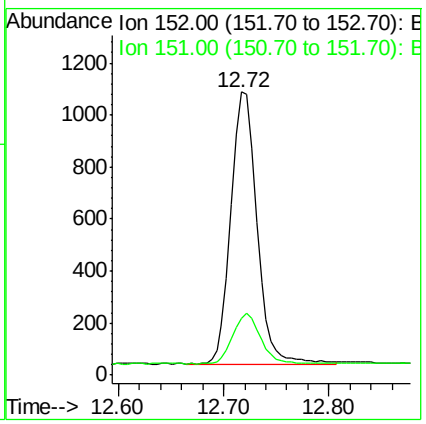


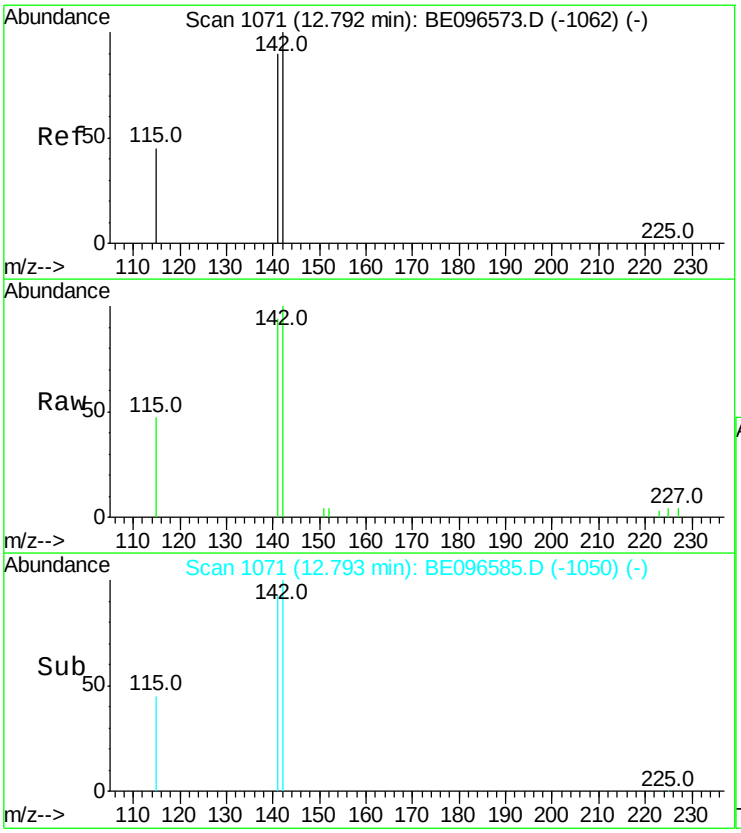
#11
2-Methylnaphthalene-d10
Concen: 0.416 ng
RT: 12.72 min Scan# 1055
Delta R.T. -0.00 min
Lab File: BE096585.D
Acq: 15 May 2018 19:27

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 1785

Ion	Ratio	Lower	Upper
152	100		
151	19.7	15.4	23.0

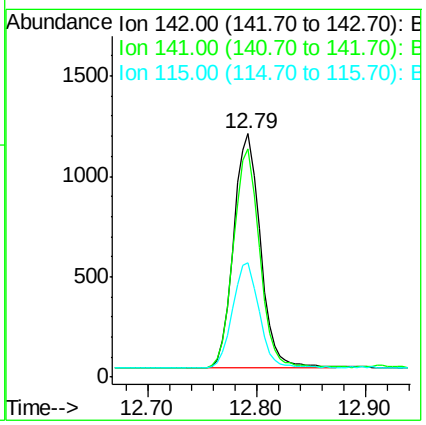


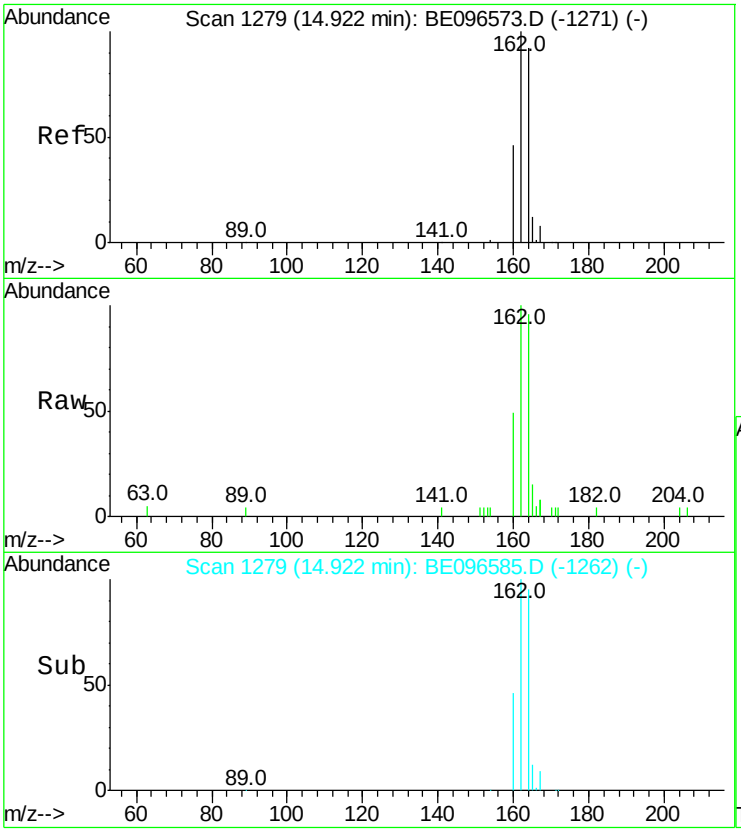


#12
2-Methylnaphthalene
Concen: 0.410 ng
RT: 12.79 min Scan# 1071
Delta R.T. 0.00 min
Lab File: BE096585.D
Acq: 15 May 2018 19:27

Tgt Ion:142 Resp: 1944

Ion	Ratio	Lower	Upper
142	100		
141	93.6	70.4	105.6
115	46.7	31.7	47.5



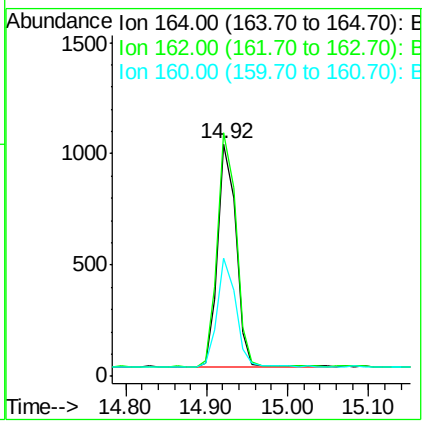


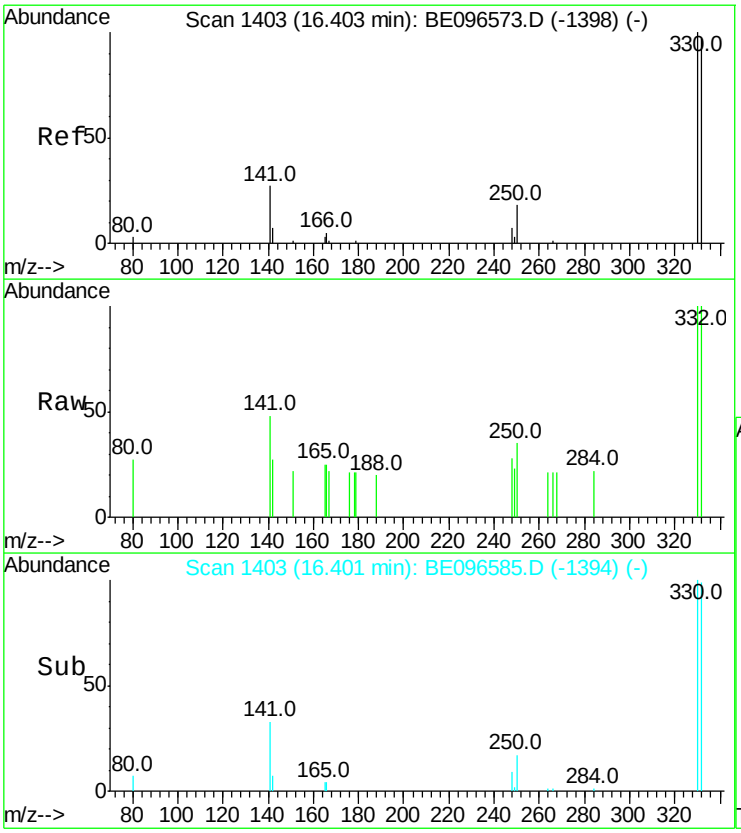
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.92 min Scan# 1279
Delta R.T. -0.00 min
Lab File: BE096585.D
Acq: 15 May 2018 19:27

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:164 Resp: 1577

Ion	Ratio	Lower	Upper
164	100		
162	104.7	83.1	124.7
160	50.8	37.1	55.7

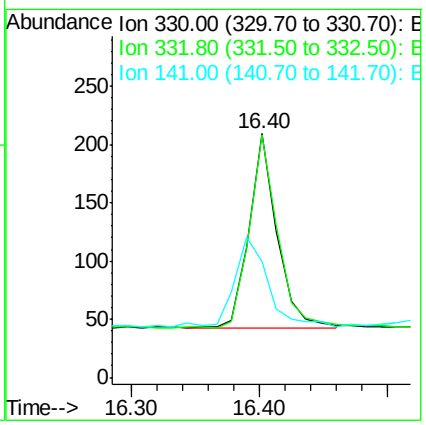


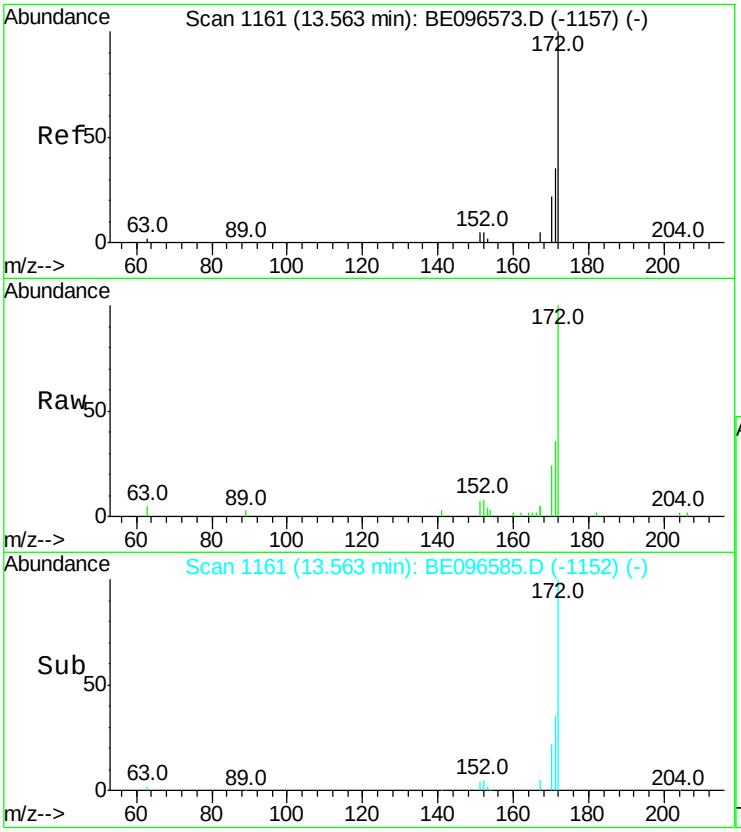


#14
2,4,6-Tribromophenol
Concen: 0.415 ng
RT: 16.40 min Scan# 1403
Delta R.T. -0.00 min
Lab File: BE096585.D
Acq: 15 May 2018 19:27

Tgt Ion:330 Resp: 259

Ion	Ratio	Lower	Upper
330	100		
332	100.8	152.7	229.1#
141	52.9	33.7	50.5#



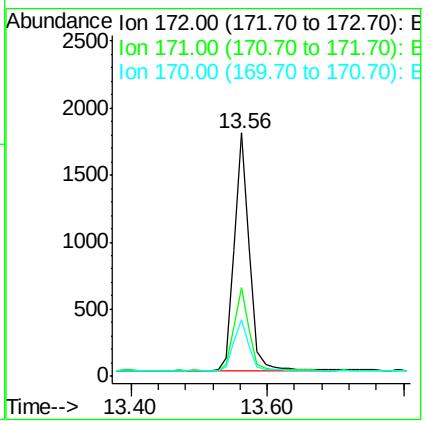


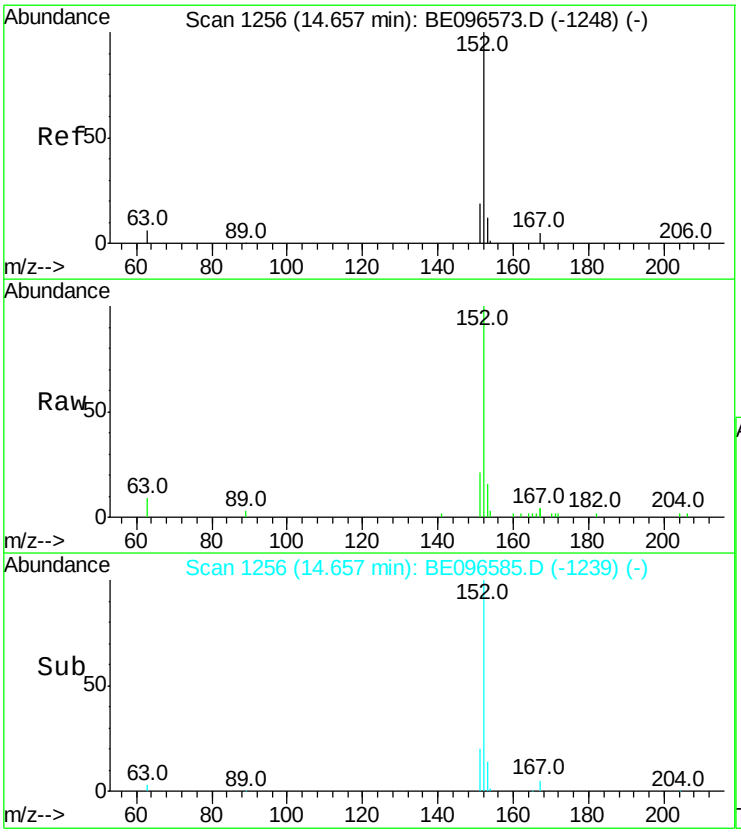
#15
2-Fluorobiphenyl
Concen: 0.408 ng
RT: 13.56 min Scan# 1161
Delta R.T. -0.00 min
Lab File: BE096585.D
Acq: 15 May 2018 19:27

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:172 Resp: 2759

Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.9	44.9
170	23.5	21.8	32.8

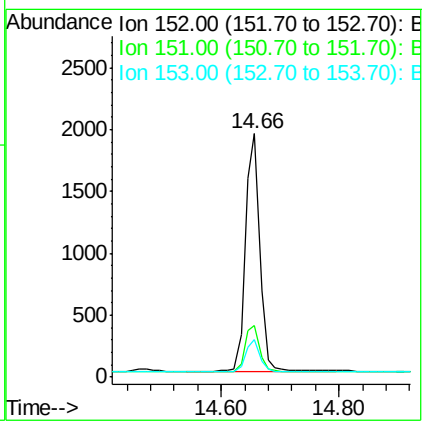


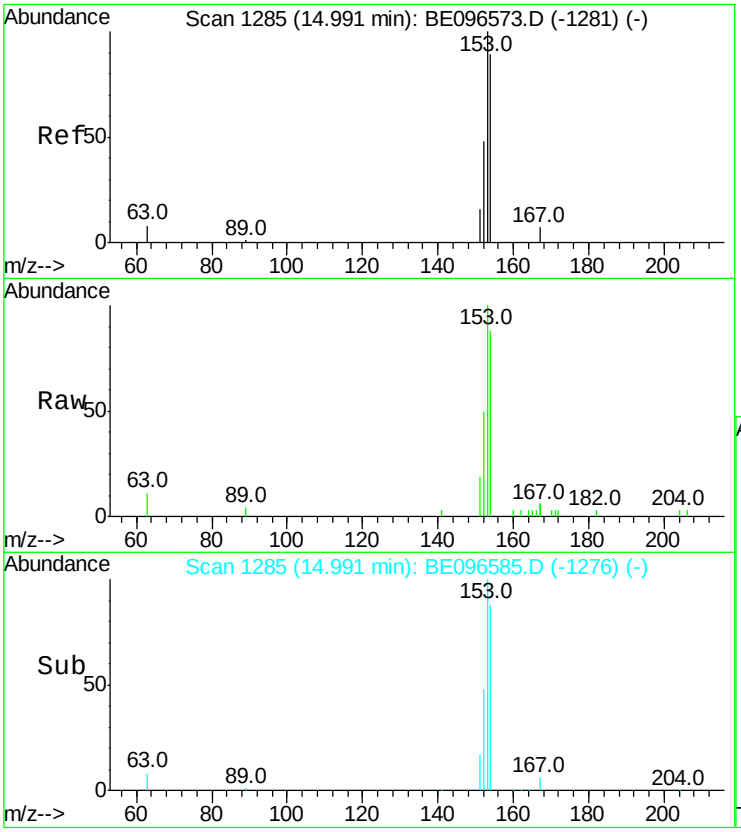


#16
Acenaphthylene
Concen: 0.398 ng
RT: 14.66 min Scan# 1256
Delta R.T. -0.00 min
Lab File: BE096585.D
Acq: 15 May 2018 19:27

Tgt Ion:152 Resp: 3279

Ion	Ratio	Lower	Upper
152	100		
151	20.2	15.7	23.5
153	13.4	10.5	15.7



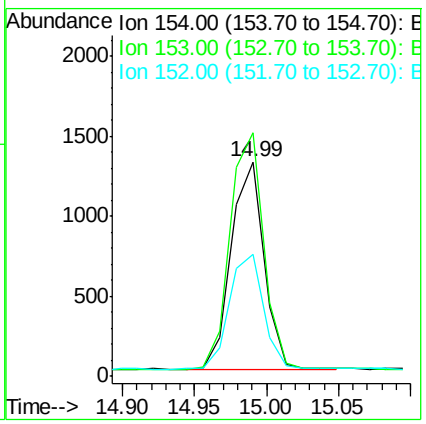


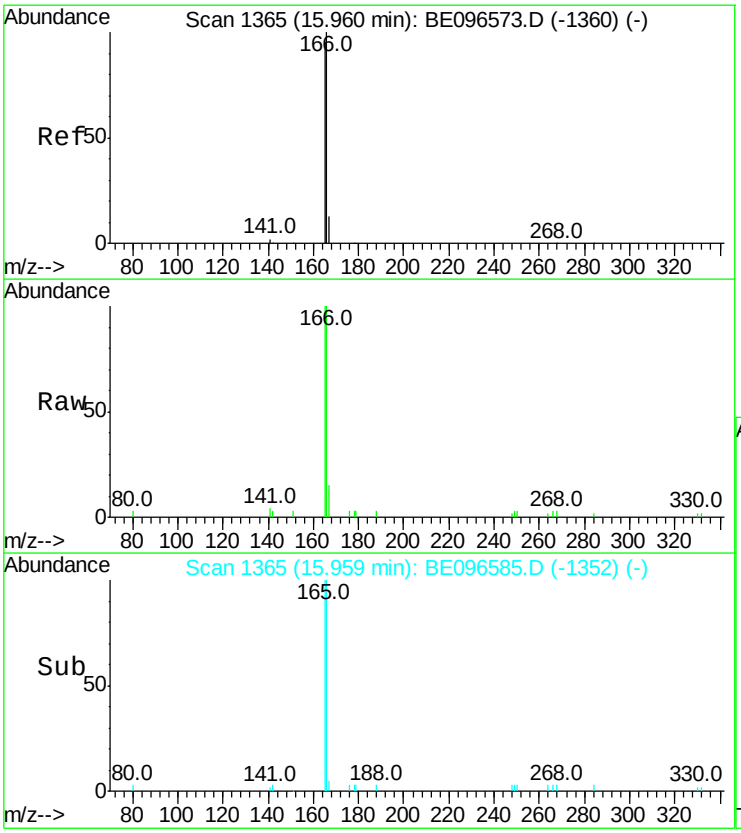
#17
Acenaphthene
Concen: 0.408 ng
RT: 14.99 min Scan# 1285
Delta R.T. -0.00 min
Lab File: BE096585.D
Acq: 15 May 2018 19:27

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:154 Resp: 2046

Ion	Ratio	Lower	Upper
154	100		
153	117.1	89.2	133.8
152	58.7	42.0	63.0

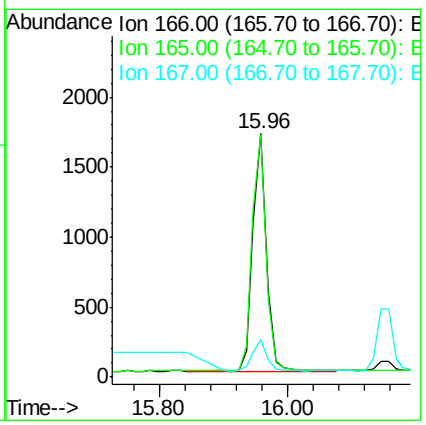


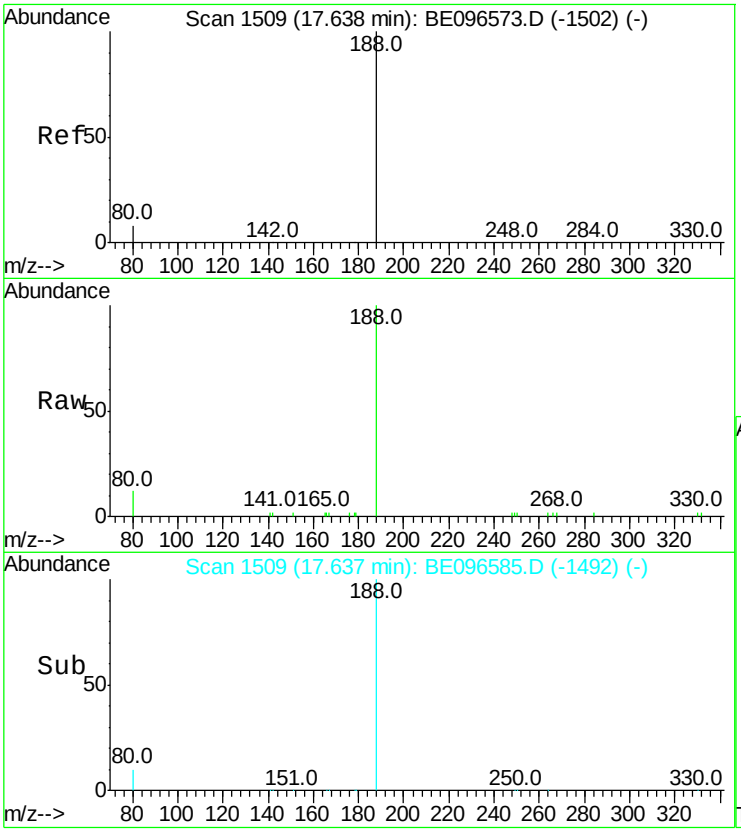


#18
Fluorene
Concen: 0.503 ng
RT: 15.96 min Scan# 1365
Delta R.T. -0.00 min
Lab File: BE096585.D
Acq: 15 May 2018 19:27

Tgt Ion:166 Resp: 3140

Ion	Ratio	Lower	Upper
166	100		
165	100.7	77.8	116.6
167	10.6	42.4	63.6#



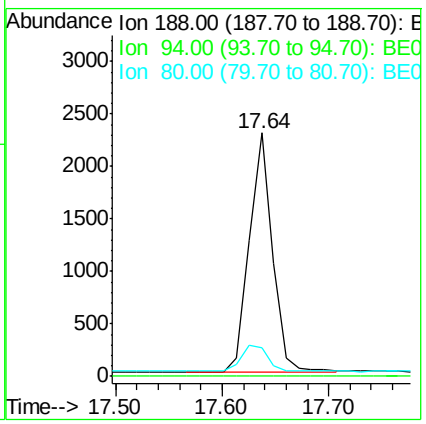


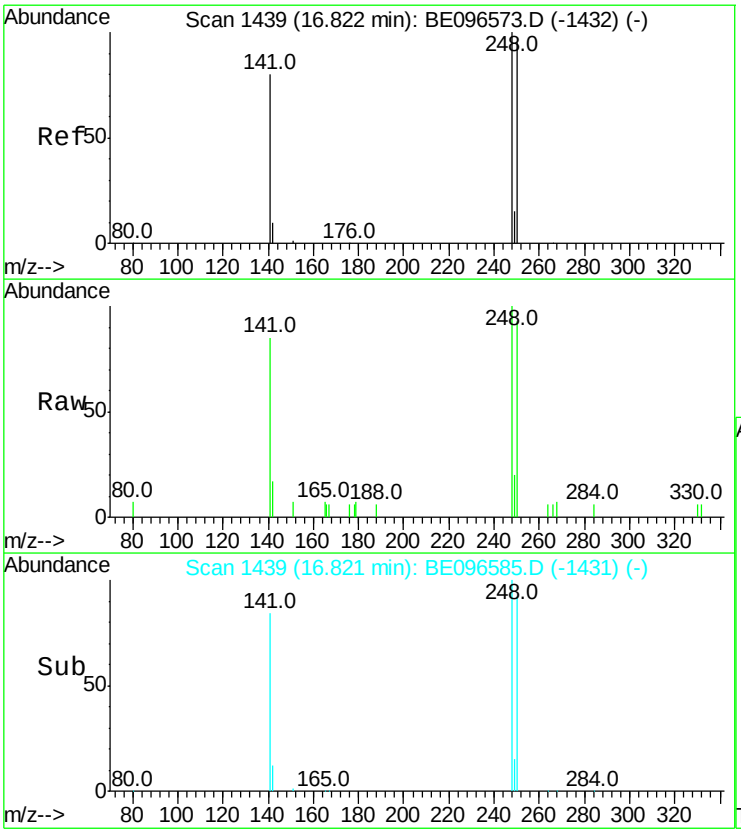
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.64 min Scan# 1509
Delta R.T. -0.00 min
Lab File: BE096585.D
Acq: 15 May 2018 19:27

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:188 Resp: 3431

Ion	Ratio	Lower	Upper
188	100		
94	0.0	3.9	5.9#
80	11.7	3.6	5.4#

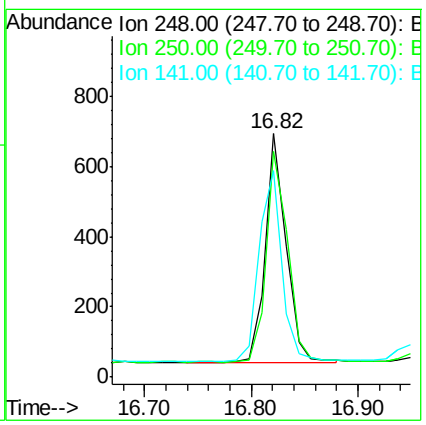


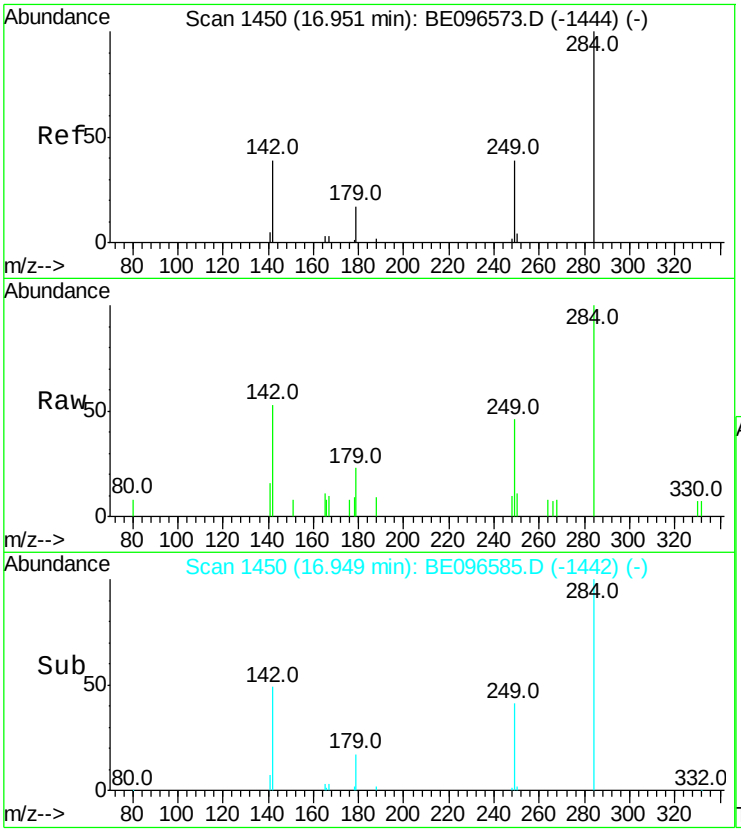


#20
4-Bromophenyl-phenylether
Concen: 0.425 ng
RT: 16.82 min Scan# 1439
Delta R.T. -0.00 min
Lab File: BE096585.D
Acq: 15 May 2018 19:27

Tgt Ion:248 Resp: 885

Ion	Ratio	Lower	Upper
248	100		
250	92.5	62.7	94.1
141	85.0	48.2	72.2#



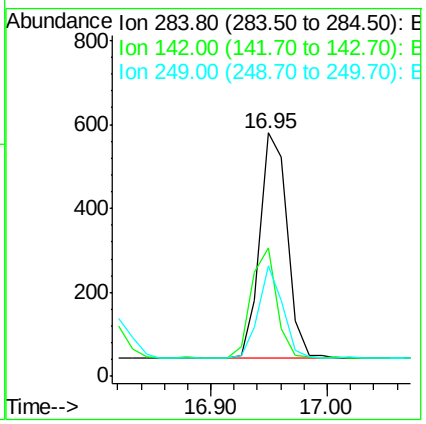


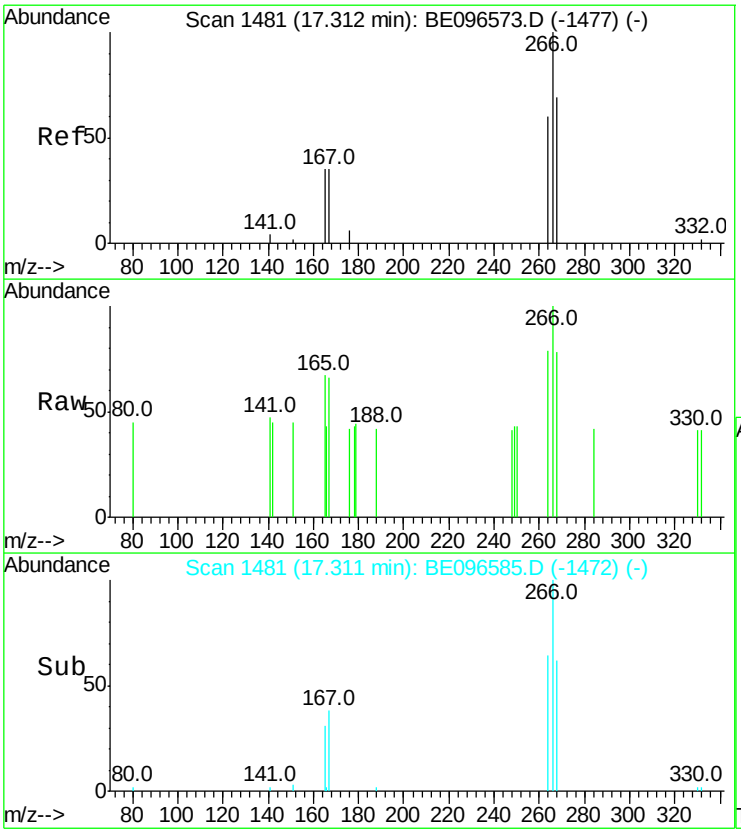
#21
Hexachlorobenzene
Concen: 0.405 ng
RT: 16.95 min Scan# 1450
Delta R.T. -0.00 min
Lab File: BE096585.D
Acq: 15 May 2018 19:27

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:284 Resp: 878

Ion	Ratio	Lower	Upper
284	100		
142	45.7	22.1	33.1#
249	36.6	34.8	52.2

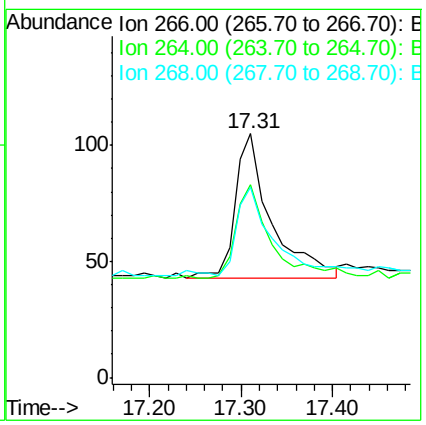


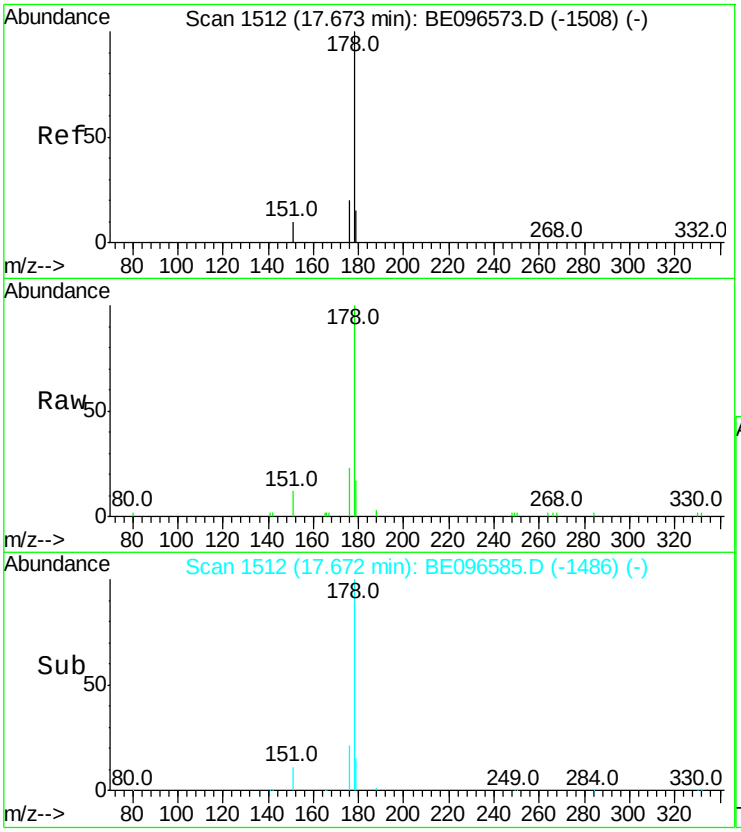


#22
Pentachlorophenol
Concen: 0.424 ng
RT: 17.31 min Scan# 1481
Delta R.T. -0.00 min
Lab File: BE096585.D
Acq: 15 May 2018 19:27

Tgt Ion:266 Resp: 169

Ion	Ratio	Lower	Upper
266	100		
264	79.0	72.5	108.7
268	78.1	73.8	110.6



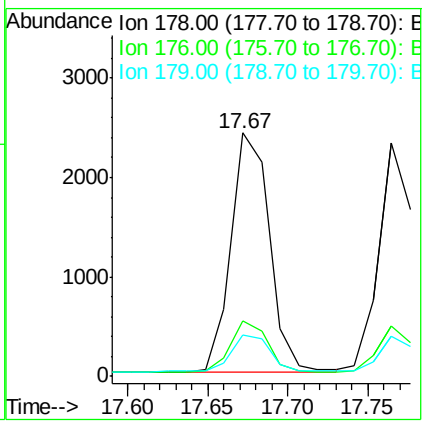


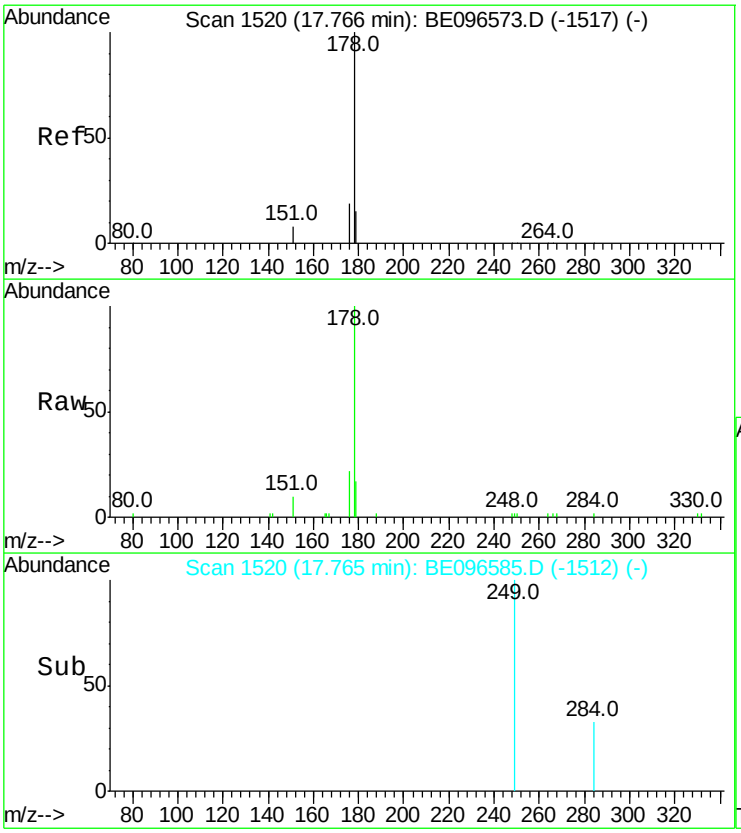
#23
Phenanthrene
Concen: 0.414 ng
RT: 17.67 min Scan# 1512
Delta R.T. -0.00 min
Lab File: BE096585.D
Acq: 15 May 2018 19:27

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 3984

Ion	Ratio	Lower	Upper
178	100		
176	20.3	15.1	22.7
179	15.2	11.8	17.6

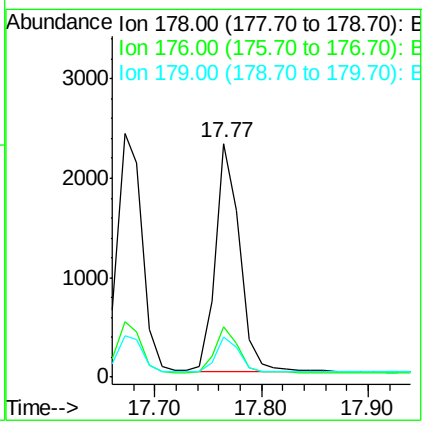


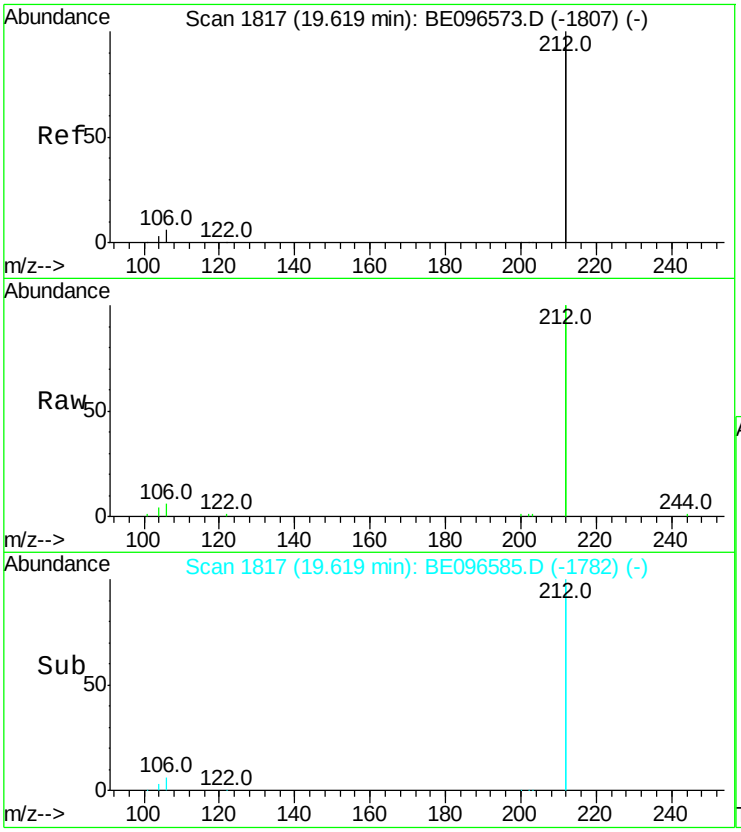


#24
Anthracene
Concen: 0.401 ng
RT: 17.77 min Scan# 1520
Delta R.T. -0.00 min
Lab File: BE096585.D
Acq: 15 May 2018 19:27

Tgt Ion:178 Resp: 3596

Ion	Ratio	Lower	Upper
178	100		
176	19.5	12.8	19.2#
179	15.2	13.0	19.6



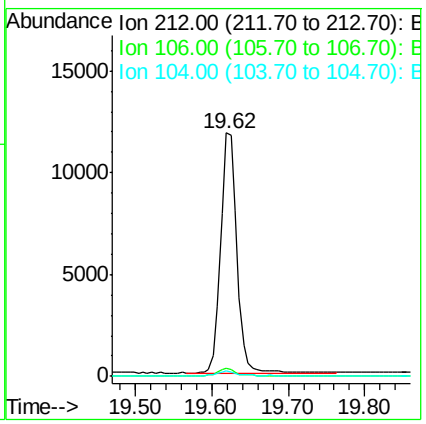


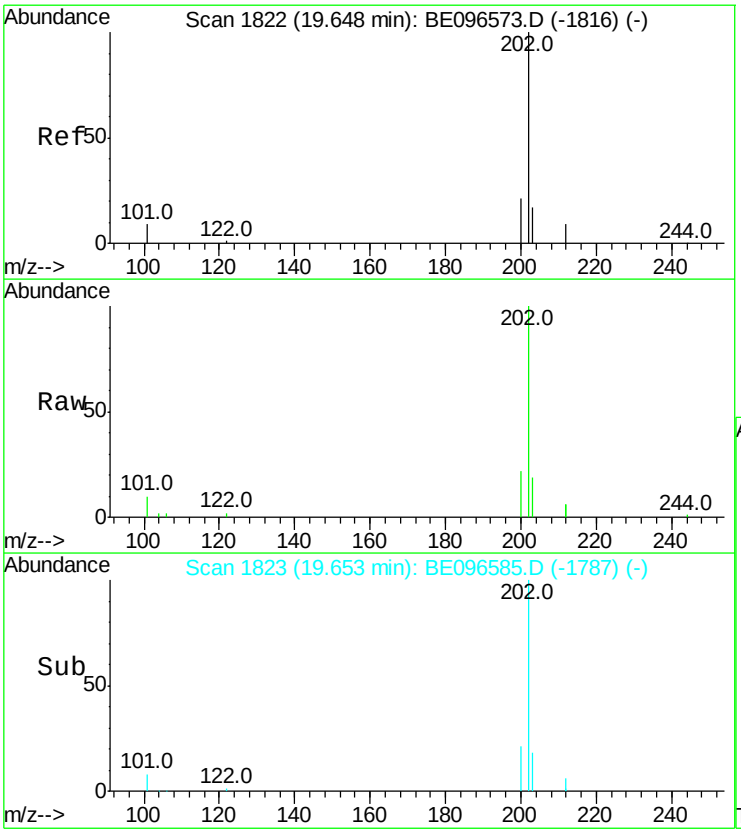
#25
Fluoranthene-d10
Concen: 0.413 ng
RT: 19.62 min Scan# 1817
Delta R.T. -0.00 min
Lab File: BE096585.D
Acq: 15 May 2018 19:27

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:212 Resp: 17339

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

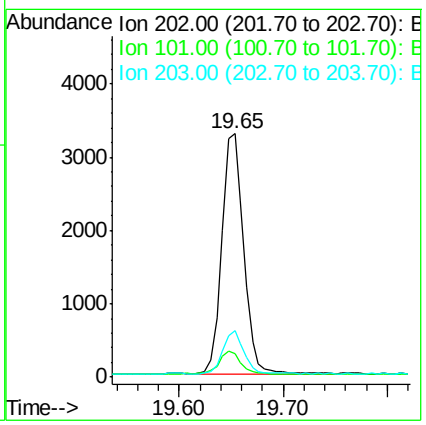


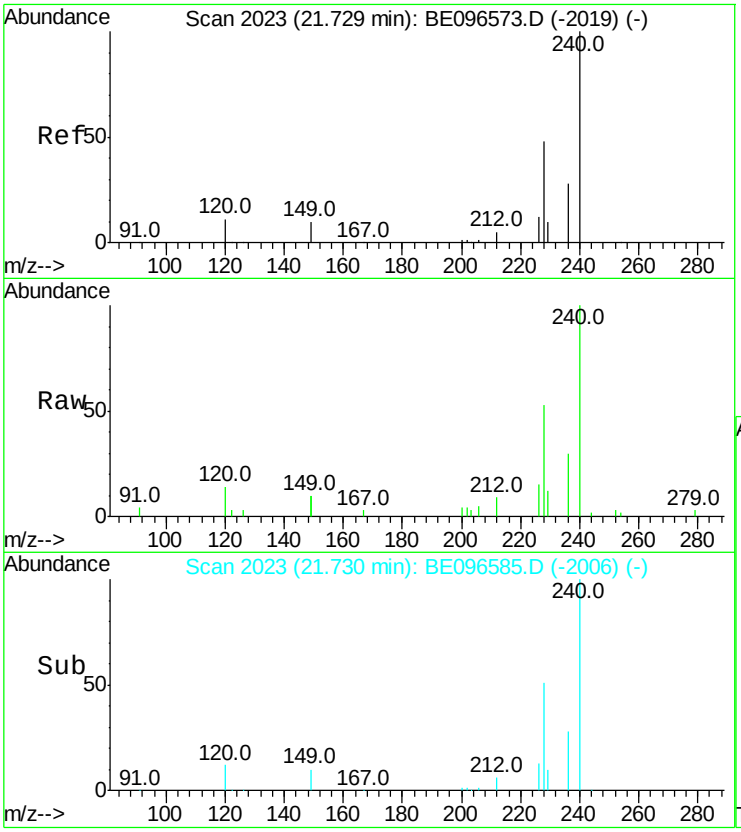


#26
Fluoranthene
Concen: 0.412 ng
RT: 19.65 min Scan# 1823
Delta R.T. 0.01 min
Lab File: BE096585.D
Acq: 15 May 2018 19:27

Tgt Ion:202 Resp: 4743

Ion	Ratio	Lower	Upper
202	100		
101	9.5	9.8	14.8#
203	16.8	13.7	20.5



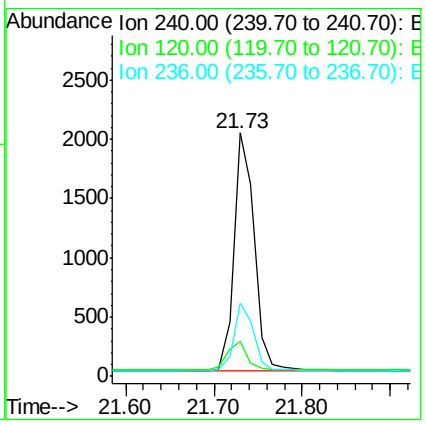


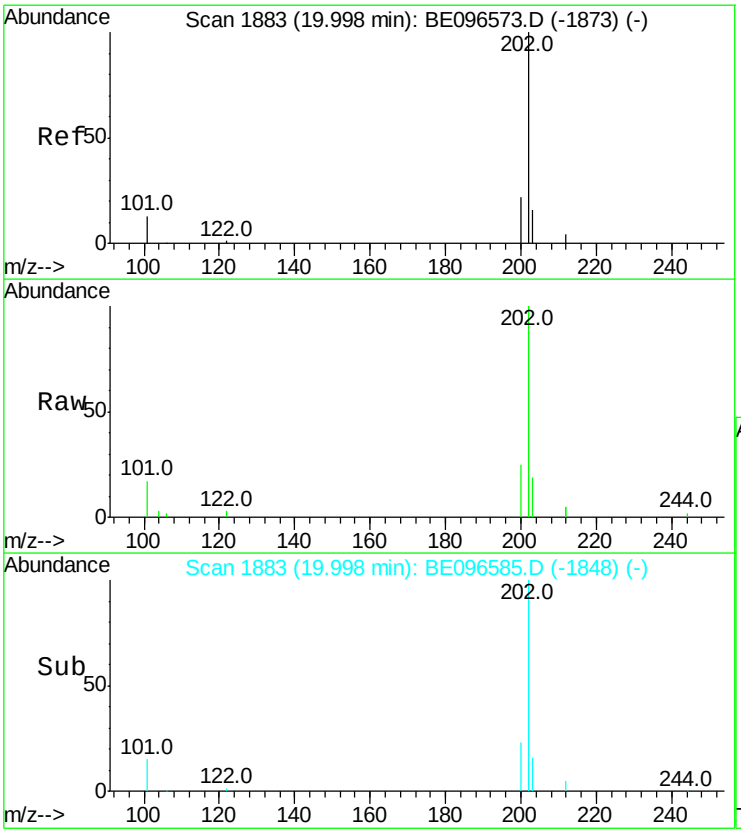
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.73 min Scan# 2023
Delta R.T. 0.00 min
Lab File: BE096585.D
Acq: 15 May 2018 19:27

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:240 Resp: 3234

Ion	Ratio	Lower	Upper
240	100		
120	14.3	5.5	8.3#
236	30.1	20.7	31.1

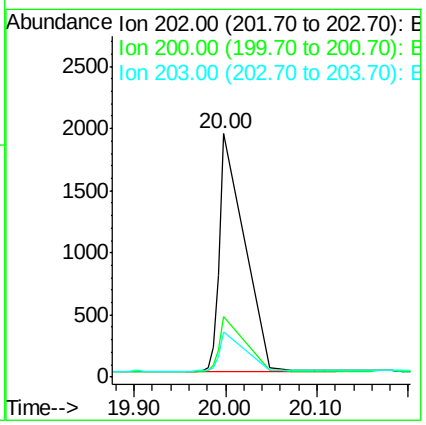


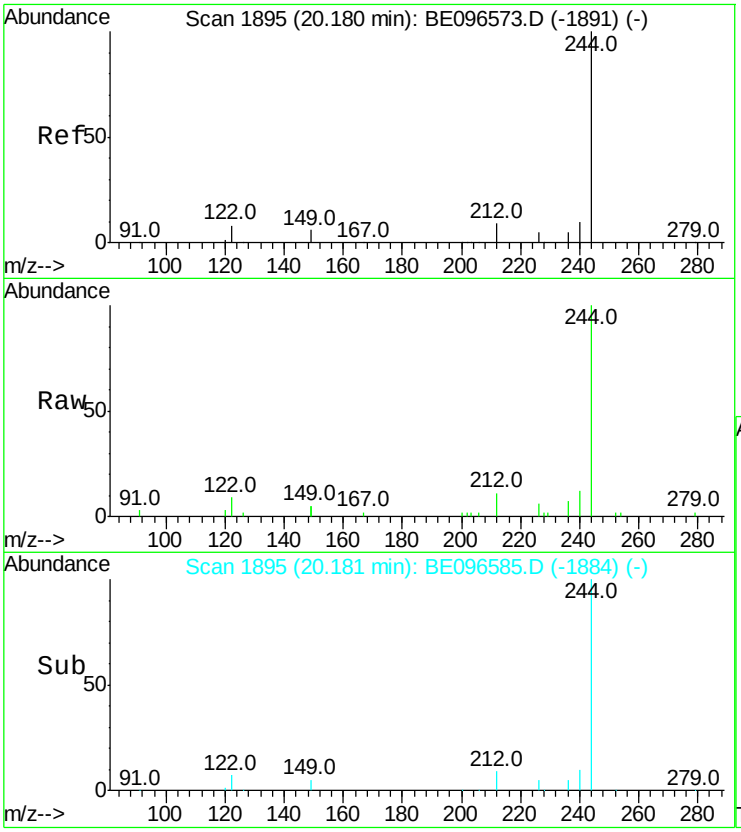


#28
Pyrene
Concen: 0.360 ng
RT: 20.00 min Scan# 1883
Delta R.T. -0.00 min
Lab File: BE096585.D
Acq: 15 May 2018 19:27

Tgt Ion:202 Resp: 2100

Ion	Ratio	Lower	Upper
202	100		
200	22.7	16.6	25.0
203	14.7	13.8	20.8



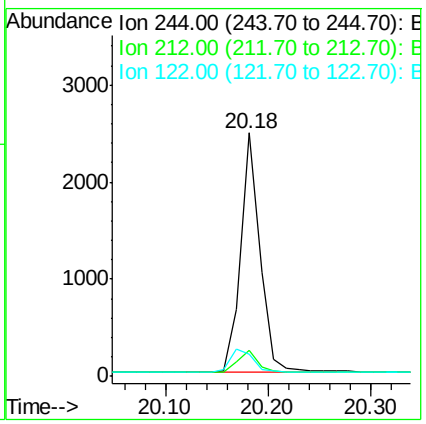


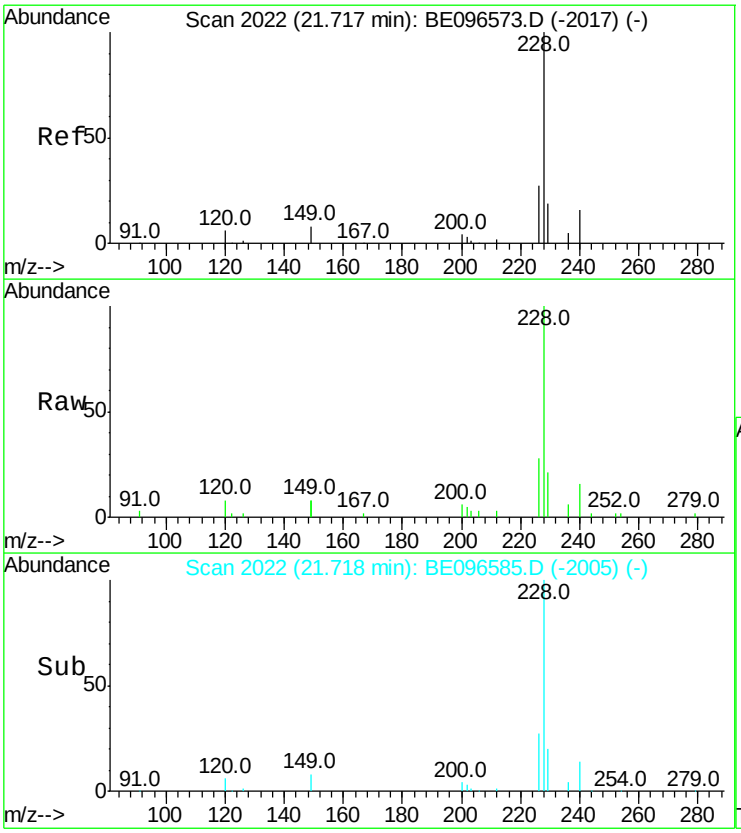
#29
Terphenyl-d14
Concen: 0.437 ng
RT: 20.18 min Scan# 1895
Delta R.T. 0.00 min
Lab File: BE096585.D
Acq: 15 May 2018 19:27

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:244 Resp: 3200

Ion	Ratio	Lower	Upper
244	100		
212	10.7	25.4	38.0#
122	9.0	8.1	12.1

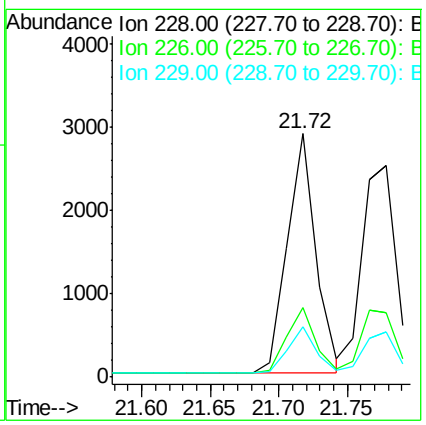


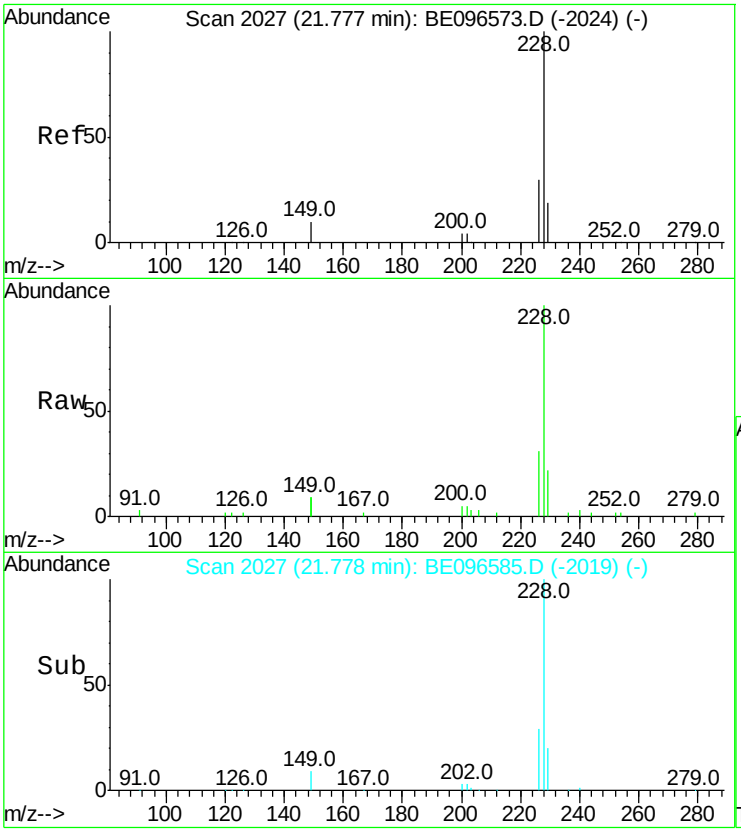


#30
Benzo(a)anthracene
Concen: 0.418 ng
RT: 21.72 min Scan# 2022
Delta R.T. 0.00 min
Lab File: BE096585.D
Acq: 15 May 2018 19:27

Tgt Ion:228 Resp: 4159

Ion	Ratio	Lower	Upper
228	100		
226	28.4	24.0	36.0
229	20.8	16.0	24.0



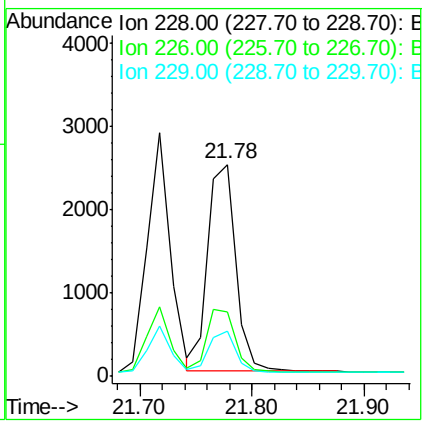


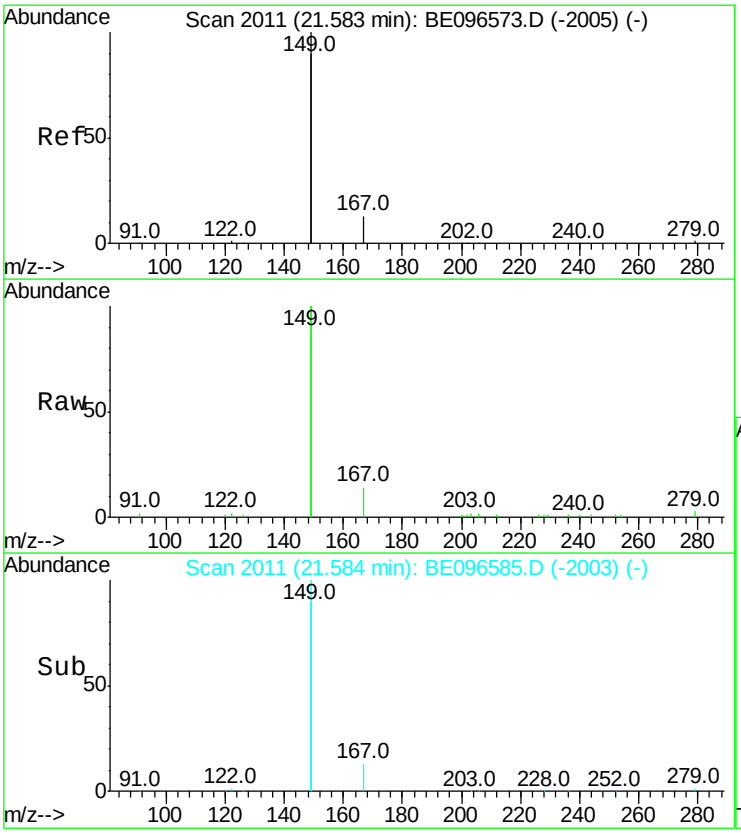
#31
Chrysene
Concen: 0.416 ng
RT: 21.78 min Scan# 2027
Delta R.T. 0.00 min
Lab File: BE096585.D
Acq: 15 May 2018 19:27

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 4311

Ion	Ratio	Lower	Upper
228	100		
226	30.7	24.0	36.0
229	21.6	16.0	24.0

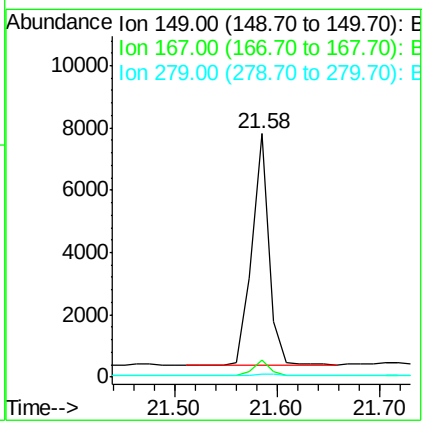


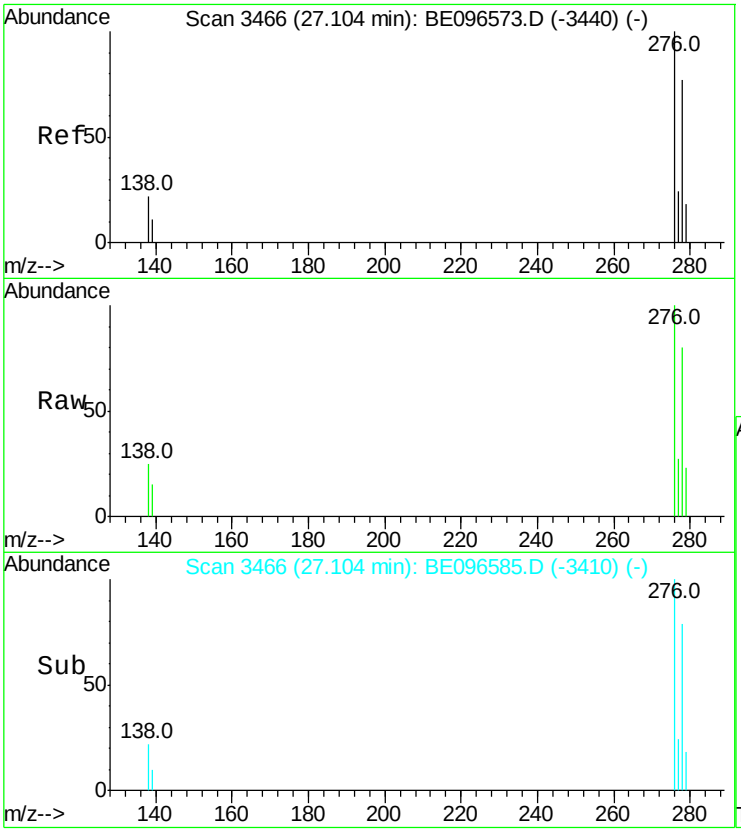


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.406 ng
RT: 21.58 min Scan# 2011
Delta R.T. 0.00 min
Lab File: BE096585.D
Acq: 15 May 2018 19:27

Tgt Ion:149 Resp: 8648

Ion	Ratio	Lower	Upper
149	100		
167	6.5	5.4	8.0
279	0.9	0.7	1.1



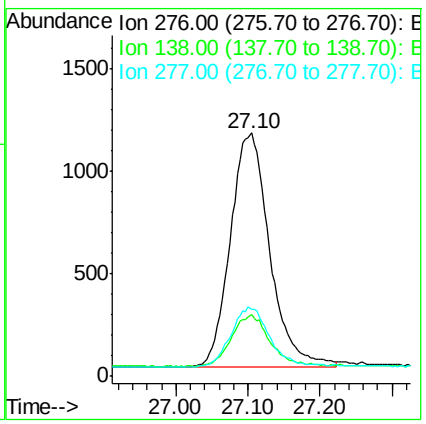


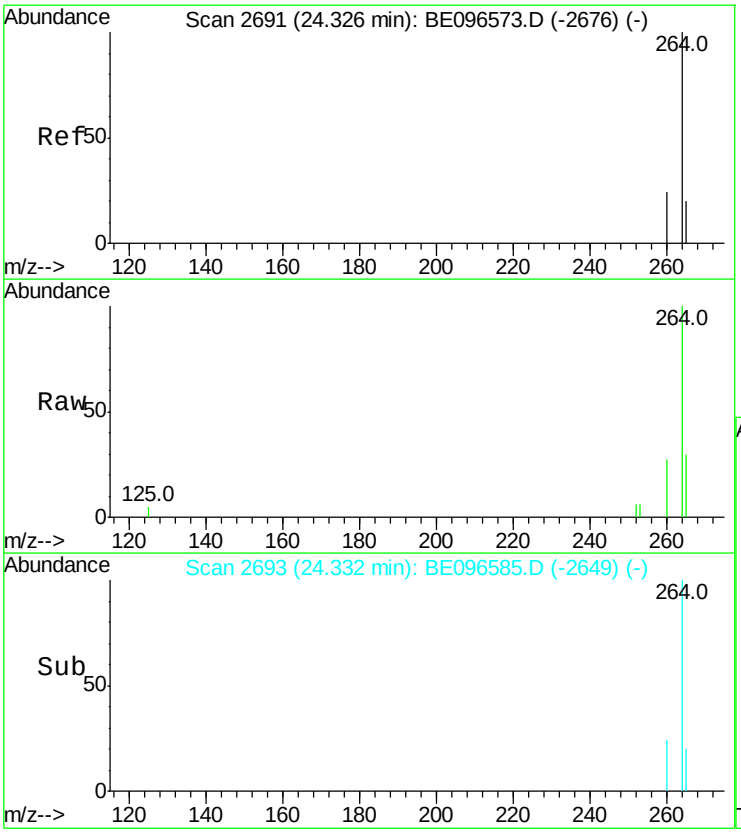
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.428 ng
RT: 27.10 min Scan# 3466
Delta R.T. -0.00 min
Lab File: BE096585.D
Acq: 15 May 2018 19:27

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 4242

Ion	Ratio	Lower	Upper
276	100		
138	21.7	22.5	33.7#
277	24.6	19.9	29.9

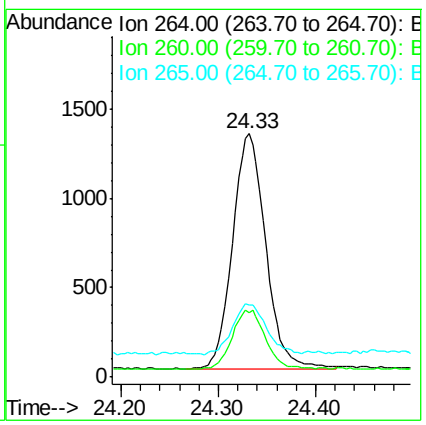


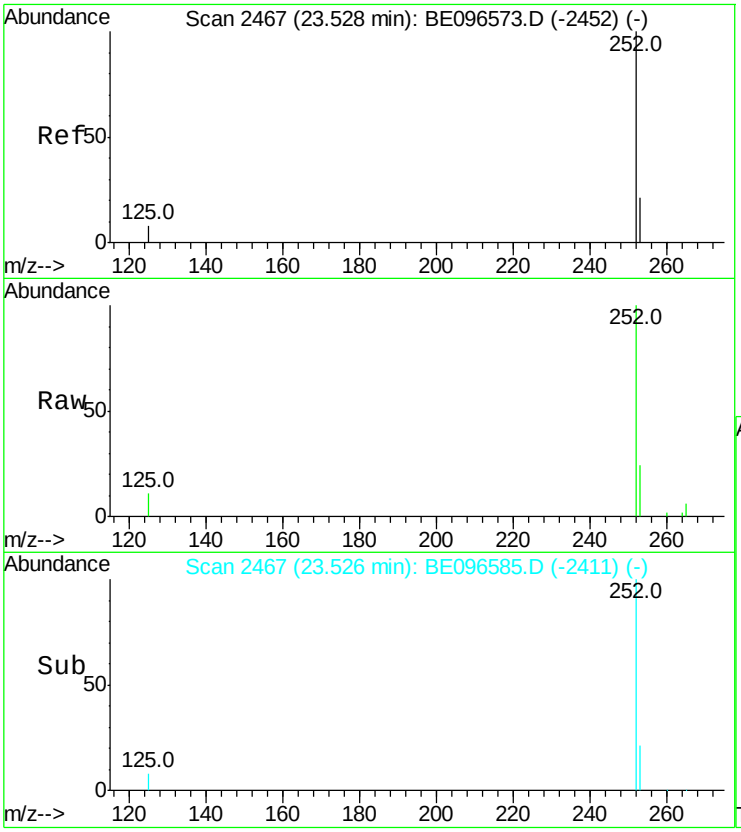


#34
Perylene-d12
Concen: 0.400 ng
RT: 24.33 min Scan# 2693
Delta R.T. 0.01 min
Lab File: BE096585.D
Acq: 15 May 2018 19:27

Tgt Ion:264 Resp: 3103

Ion	Ratio	Lower	Upper
264	100		
260	26.6	20.5	30.7
265	29.7	22.8	34.2



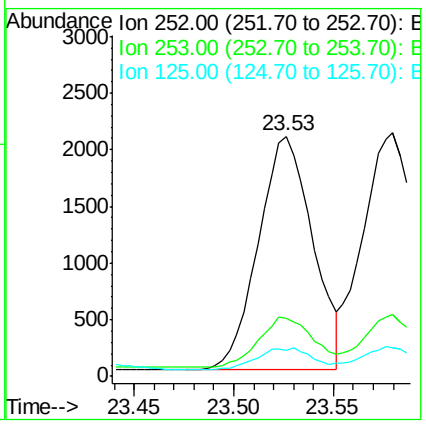


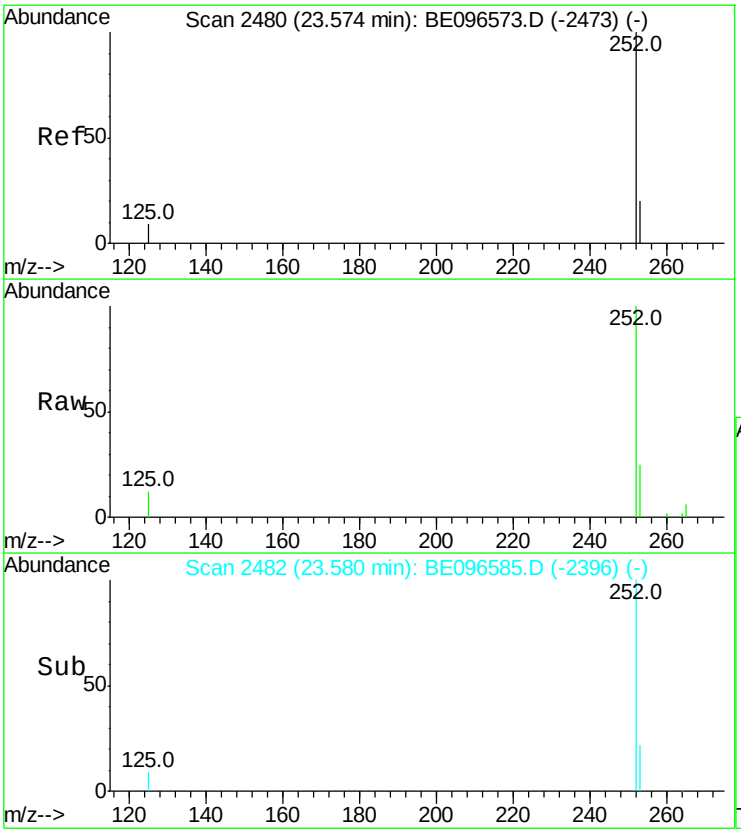
#35
Benzo(b)fluoranthene
Concen: 0.406 ng
RT: 23.53 min Scan# 2467
Delta R.T. -0.00 min
Lab File: BE096585.D
Acq: 15 May 2018 19:27

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 3890

Ion	Ratio	Lower	Upper
252	100		
253	24.1	20.0	30.0
125	11.0	16.0	24.0#

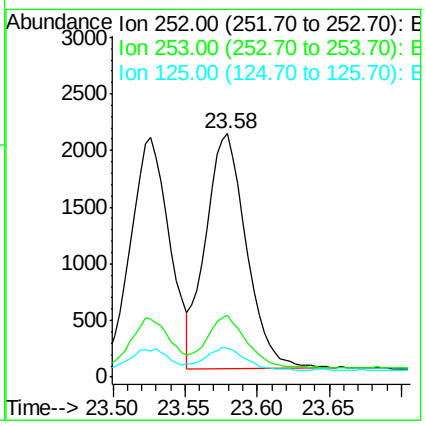


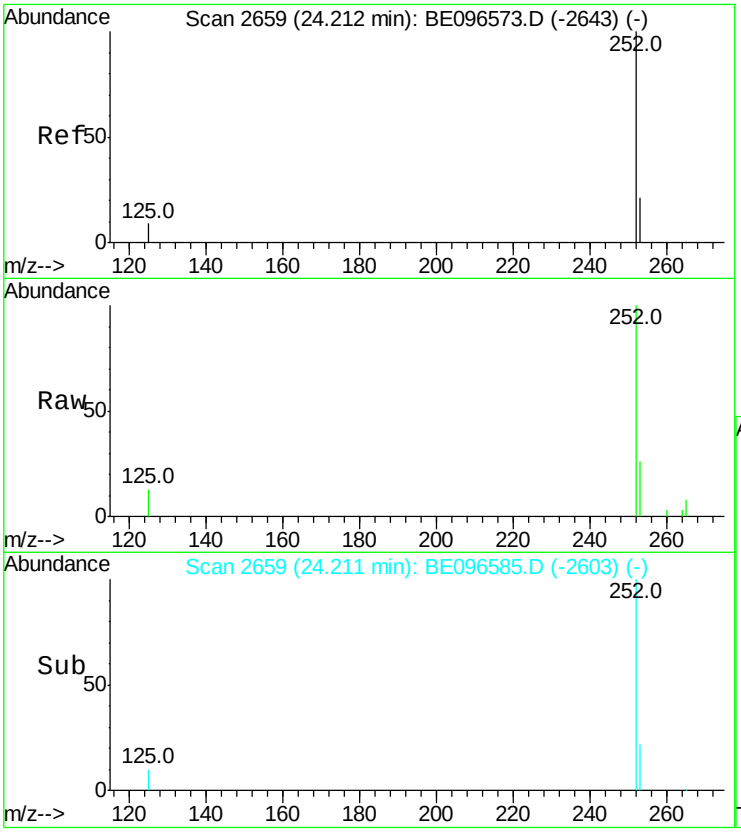


#36
Benzo(k)fluoranthene
Concen: 0.400 ng
RT: 23.58 min Scan# 2482
Delta R.T. 0.01 min
Lab File: BE096585.D
Acq: 15 May 2018 19:27

Tgt Ion:252 Resp: 4058

Ion	Ratio	Lower	Upper
252	100		
253	25.2	16.0	24.0#
125	11.6	8.0	12.0



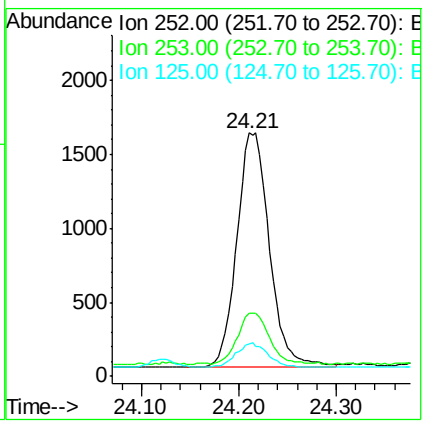


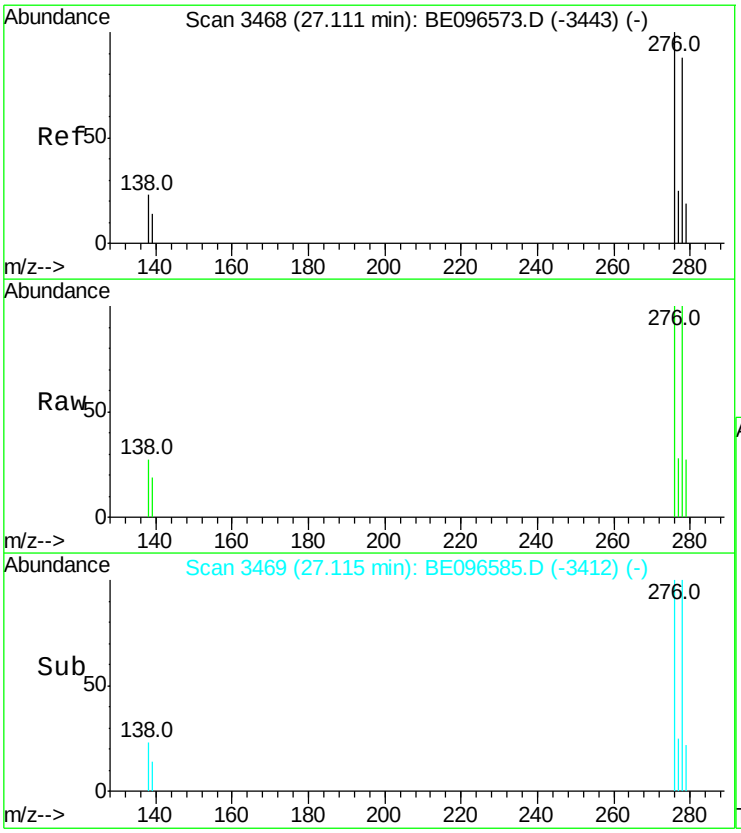
#37
Benzo(a)pyrene
Concen: 0.406 ng
RT: 24.21 min Scan# 2659
Delta R.T. -0.00 min
Lab File: BE096585.D
Acq: 15 May 2018 19:27

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 3712

Ion	Ratio	Lower	Upper
252	100		
253	26.0	16.0	24.0#
125	13.4	12.0	18.0

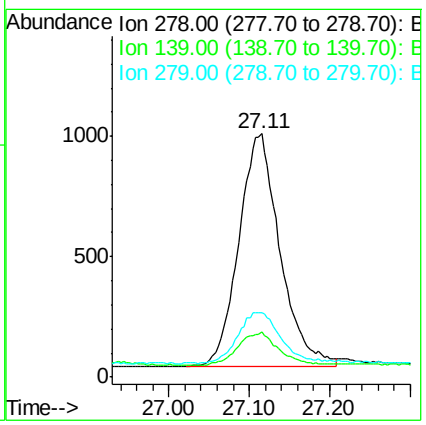


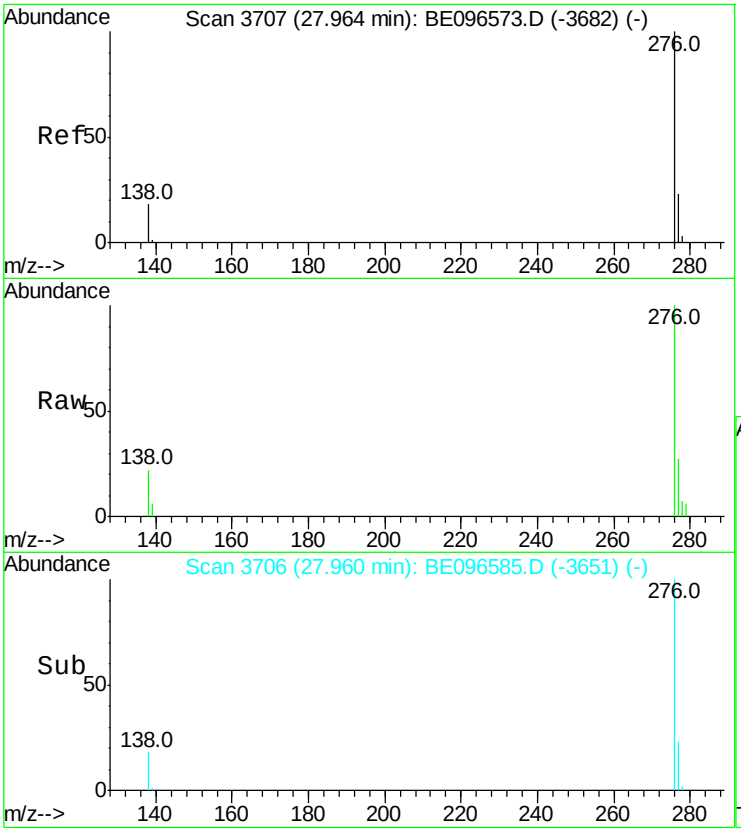


#38
Dibenzo(a,h)anthracene
Concen: 0.409 ng
RT: 27.11 min Scan# 3469
Delta R.T. 0.00 min
Lab File: BE096585.D
Acq: 15 May 2018 19:27

Tgt Ion:278 Resp: 3424

Ion	Ratio	Lower	Upper
278	100		
139	18.8	16.0	24.0
279	26.6	20.0	30.0





#39
Benzo(g,h,i)perylene
Concen: 0.411 ng
RT: 27.96 min Scan# 3706
Delta R.T. -0.00 min
Lab File: BE096585.D
Acq: 15 May 2018 19:27

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 3600

Ion	Ratio	Lower	Upper
276	100		
277	27.2	16.0	24.0#
138	22.4	20.0	30.0