Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE051618\
Data File : BE096597.D
Acq On : 16 May 2018 17:18
Operator : SJ/JU
Sample : J2133-09
Misc : MDL 0.1
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: May 17 03:57:09 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	692	0.40	ng		0.00
7) Naphthalene-d8	11.18	136	2866	0.40	ng		0.00
13) Acenaphthene-d10	14.92	164	1683	0.40	ng		0.00
19) Phenanthrene-d10	17.64	188	3807	0.40	ng		0.00
27) Chrysene-d12	21.73	240	3640	0.40	ng		0.00
34) Perylene-d12	24.33	264	3284	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.85	112	645	0.34	ng		0.00
5) Phenol-d6	7.50	99	876	0.32	ng		0.00
8) Nitrobenzene-d5	9.53	82	1042	0.34	ng		0.00
11) 2-Methylnaphthalene-d10	12.72	152	1743	0.37	ng		0.00
14) 2,4,6-Tribromophenol	16.40	330	190	0.29	ng		0.00
15) 2-Fluorobiphenyl	13.56	172	2658	0.37	ng		0.00
25) Fluoranthene-d10	19.63	212	17232	0.37	ng		0.00
29) Terphenyl-d14	20.18	244	2702	0.33	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.58	88	106	0.102	ng		88
3) n-Nitrosodimethylamine	3.97	42	95	0.073	ng	#	72
6) bis(2-Chloroethyl)ether	7.75	93	251	0.099	ng		79
9) Naphthalene	11.22	128	2864	0.095	ng	#	94
10) Hexachlorobutadiene	11.49	225	155	0.092	ng		96
12) 2-Methylnaphthalene	12.79	142	471	0.091	ng	#	87
16) Acenaphthylene	14.66	152	748	0.085	ng		96
17) Acenaphthene	14.99	154	492	0.092	ng		90
18) Fluorene	15.96	166	785	0.118	ng	#	66
20) 4-Bromophenyl-phenylether	16.82	248	203	0.088	ng	#	70
21) Hexachlorobenzene	16.95	284	208	0.086	ng	#	80
22) Pentachlorophenol	17.33	266	22	0.211	ng		95
23) Phenanthrene	17.67	178	978	0.091	ng		98
24) Anthracene	17.77	178	827	0.083	ng	#	95
26) Fluoranthene	19.65	202	1146	0.090	ng		96
28) Pyrene	20.00	202	452	0.069	ng	#	91
30) Benzo(a)anthracene	21.72	228	967	0.086	ng	#	93
31) Chrysene	21.78	228	1043	0.090	ng	#	86
32) Bis(2-ethylhexyl)phthalate	21.58	149	2045	0.085	ng		99
33) Indeno(1,2,3-cd)pyrene	27.11	276	936	0.084	ng	#	90
35) Benzo(b)fluoranthene	23.53	252	883	0.087	ng	#	89
36) Benzo(k)fluoranthene	23.58	252	975	0.091	ng	#	72
37) Benzo(a)pyrene	24.22	252	870	0.090	ng	#	72
38) Dibenzo(a,h)anthracene	27.12	278	697	0.079	ng	#	68
39) Benzo(g,h,i)perylene	27.97	276	824	0.089	ng	#	73

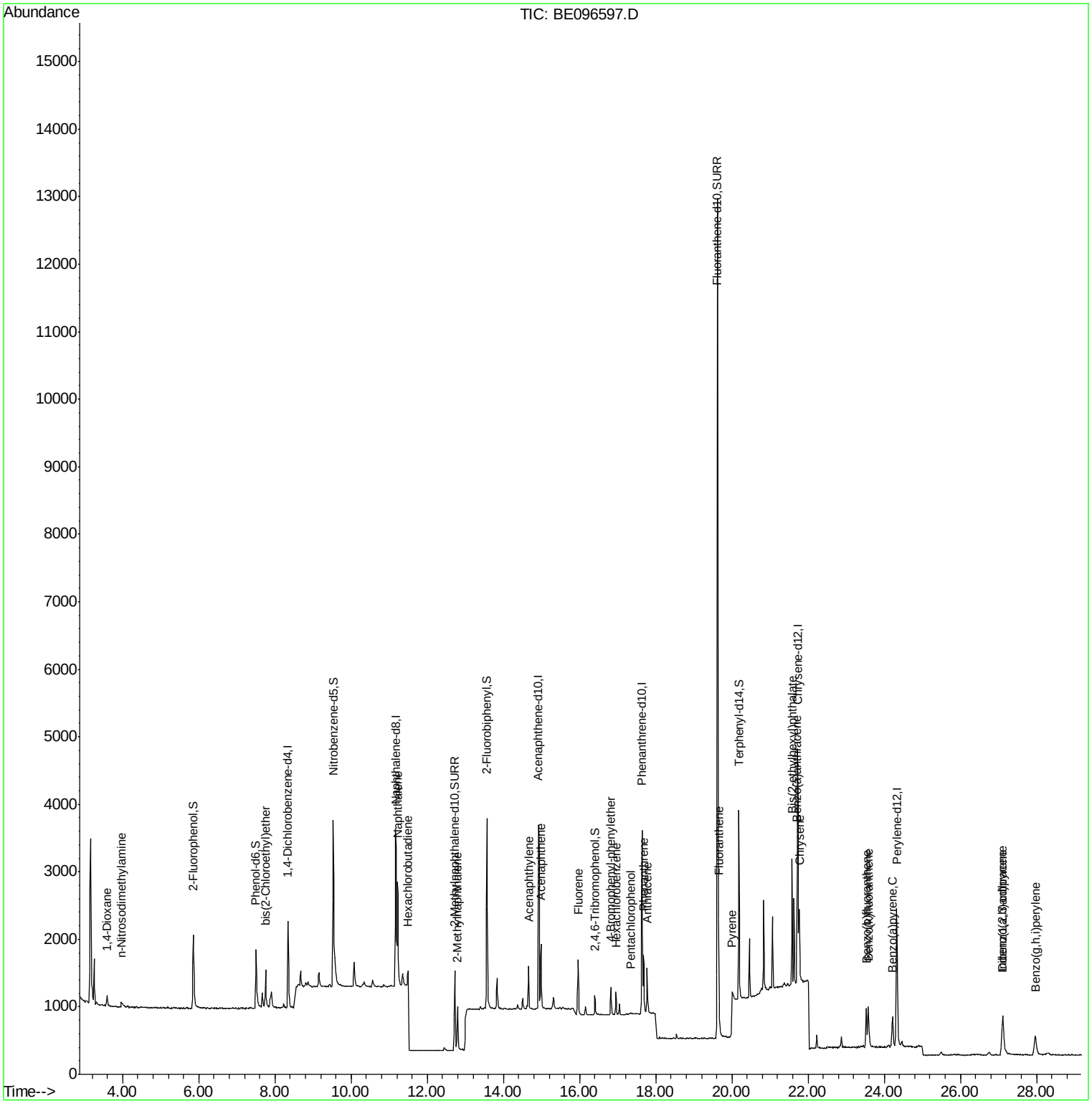
(#) = qualifier out of range (m) = manual integration (+) = signals summed

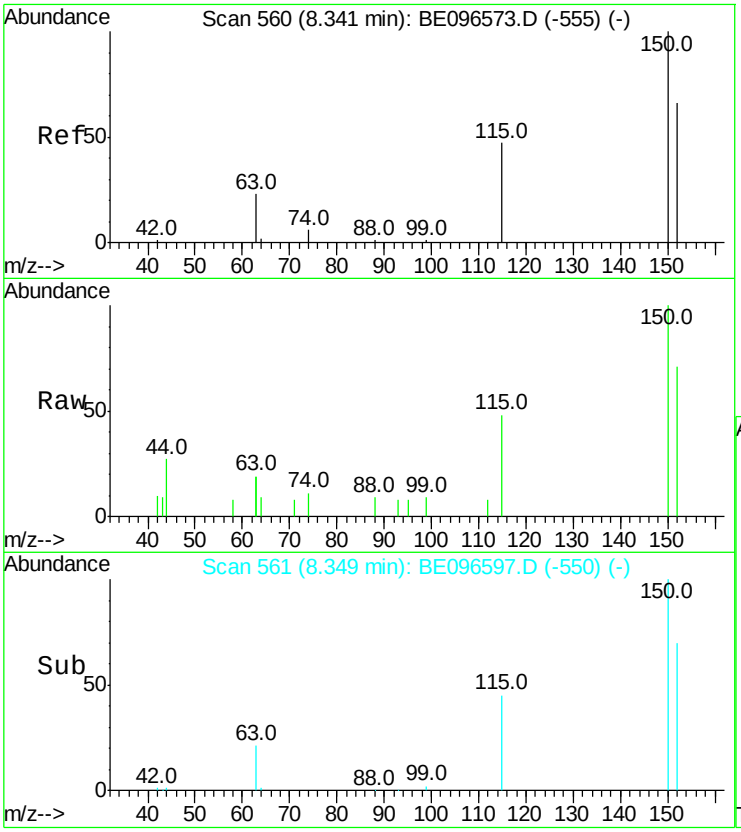
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE051618\
Data File : BE096597.D
Acq On : 16 May 2018 17:18
Operator : SJ/JU
Sample : J2133-09
Misc : MDL 0.1
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: May 17 03:57:09 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



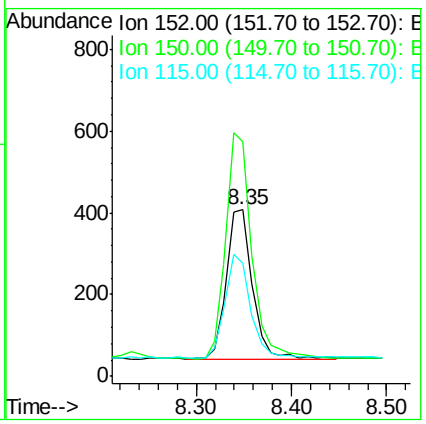


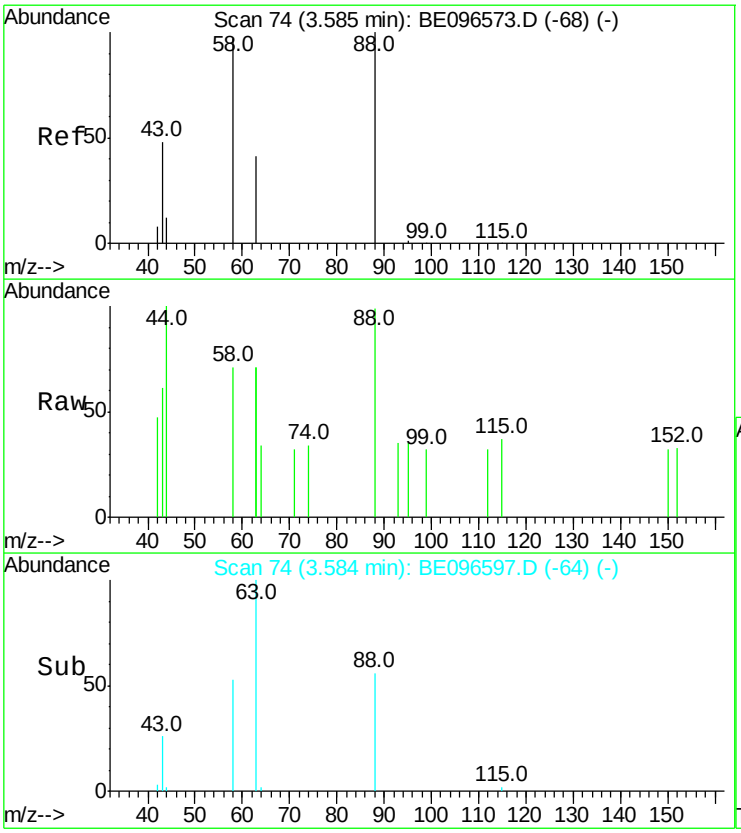
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.35 min Scan# 561
Delta R.T. 0.01 min
Lab File: BE096597.D
Acq: 16 May 2018 17:18

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 692

Ion	Ratio	Lower	Upper
152	100		
150	141.3	117.2	175.8
115	68.3	57.0	85.6

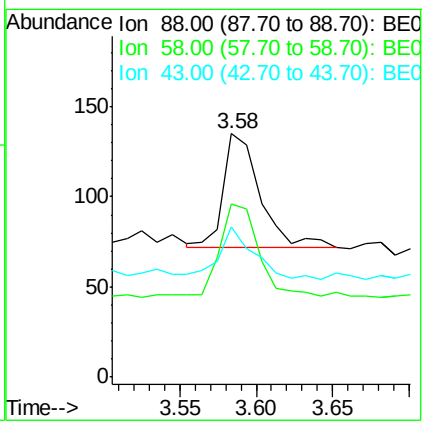


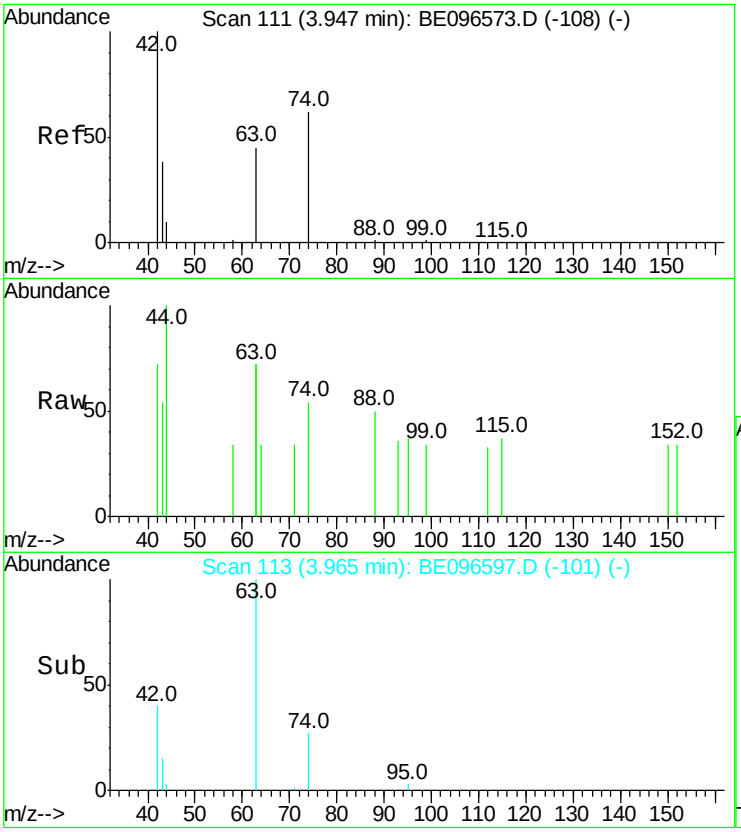


#2
1,4-Dioxane
Concen: 0.102 ng
RT: 3.58 min Scan# 74
Delta R.T. -0.00 min
Lab File: BE096597.D
Acq: 16 May 2018 17:18

Tgt Ion: 88 Resp: 106

Ion	Ratio	Lower	Upper
88	100		
58	90.6	63.2	94.8
43	44.3	41.2	61.8



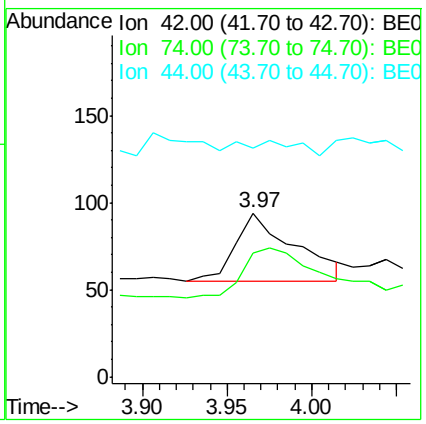


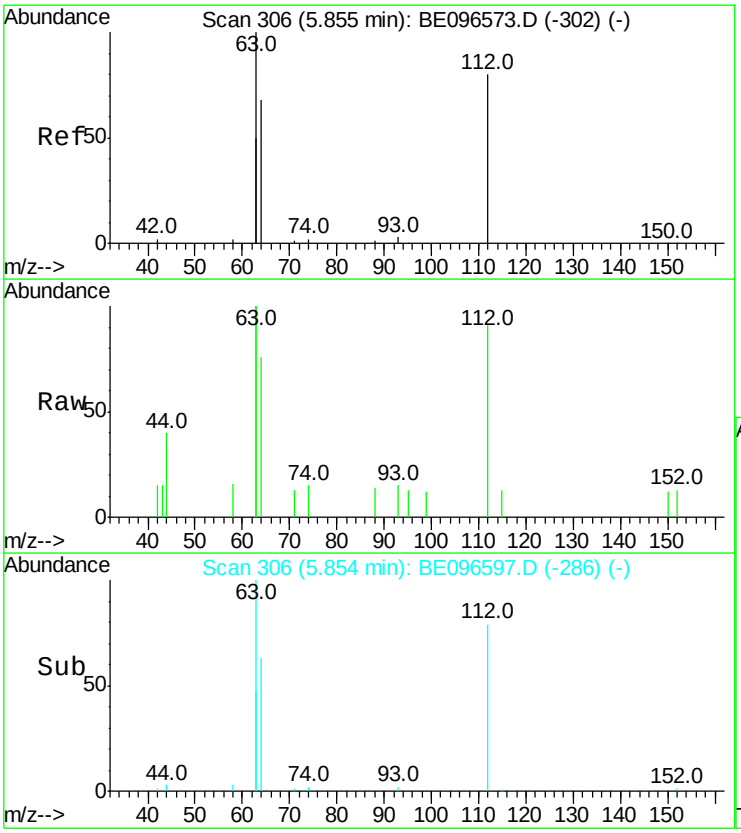
#3
n-Nitrosodimethylamine
Concen: 0.073 ng
RT: 3.97 min Scan# 113
Delta R.T. 0.02 min
Lab File: BE096597.D
Acq: 16 May 2018 17:18

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 42 Resp: 95

Ion	Ratio	Lower	Upper
42	100		
74	86.3	96.0	144.0#
44	20.0	12.0	18.0#

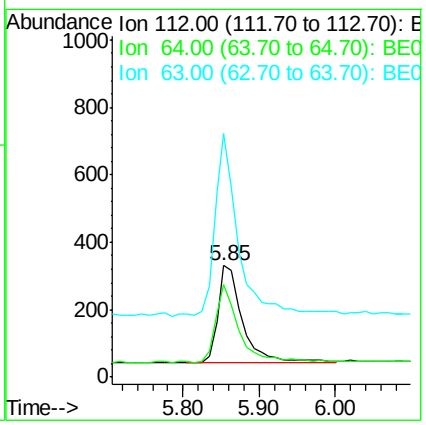


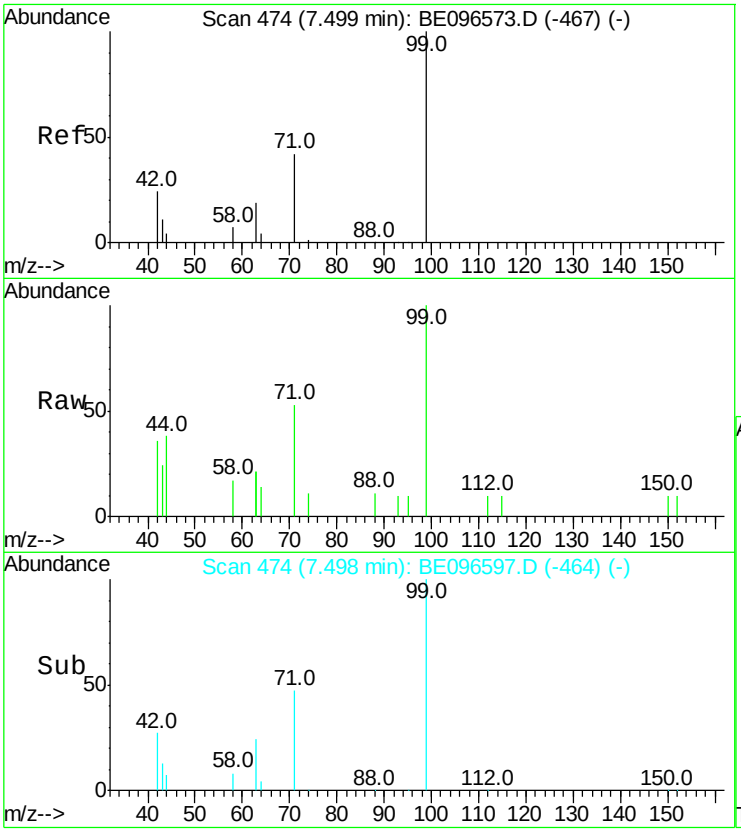


#4
2-Fluorophenol
Concen: 0.338 ng
RT: 5.85 min Scan# 306
Delta R.T. -0.00 min
Lab File: BE096597.D
Acq: 16 May 2018 17:18

Tgt Ion:112 Resp: 645

Ion	Ratio	Lower	Upper
112	100		
64	77.4	60.1	90.1
63	178.9	116.8	175.2#



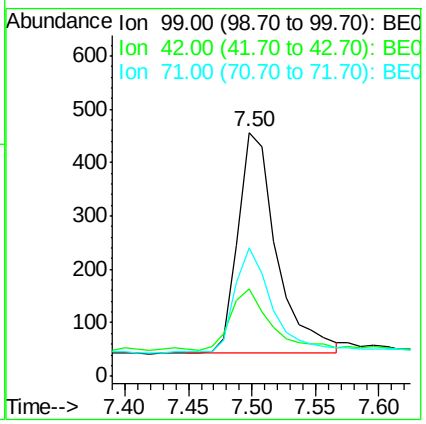


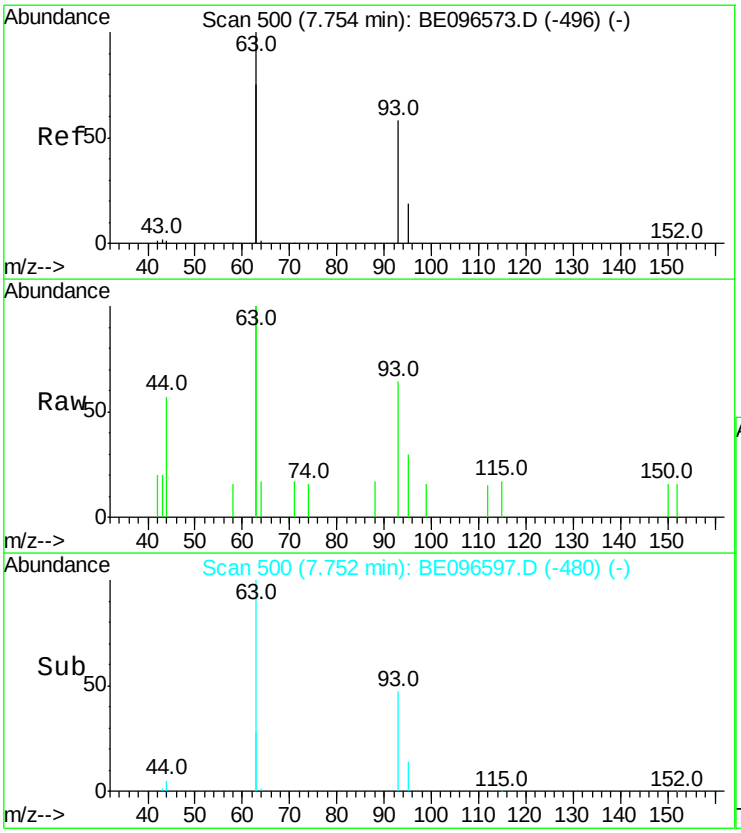
#5
Phenol-d6
Concen: 0.324 ng
RT: 7.50 min Scan# 474
Delta R.T. -0.00 min
Lab File: BE096597.D
Acq: 16 May 2018 17:18

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 99 Resp: 876

Ion	Ratio	Lower	Upper
99	100		
42	28.2	20.2	30.2
71	45.9	28.4	42.6#

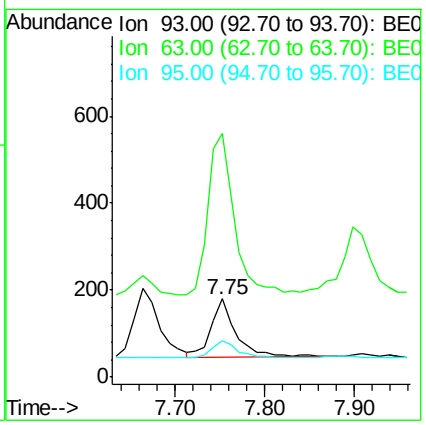


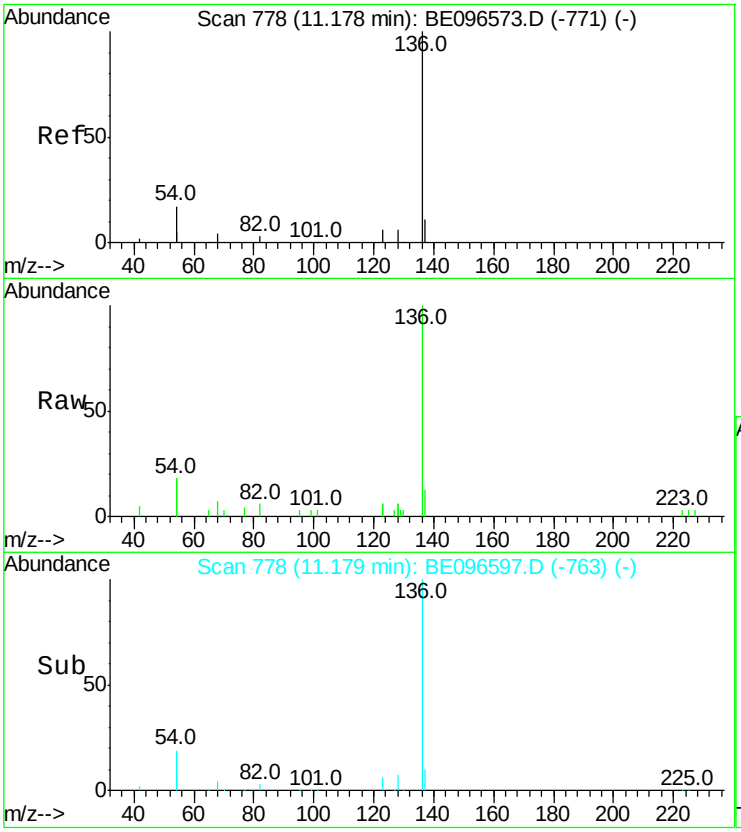


#6
bis(2-Chloroethyl)ether
Concen: 0.099 ng
RT: 7.75 min Scan# 500
Delta R.T. -0.00 min
Lab File: BE096597.D
Acq: 16 May 2018 17:18

Tgt Ion: 93 Resp: 251

Ion	Ratio	Lower	Upper
93	100		
63	296.0	275.3	412.9
95	33.5	25.2	37.8



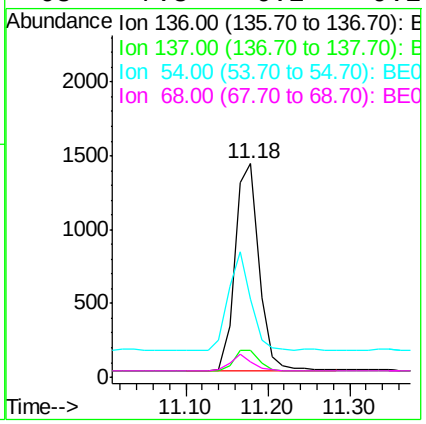


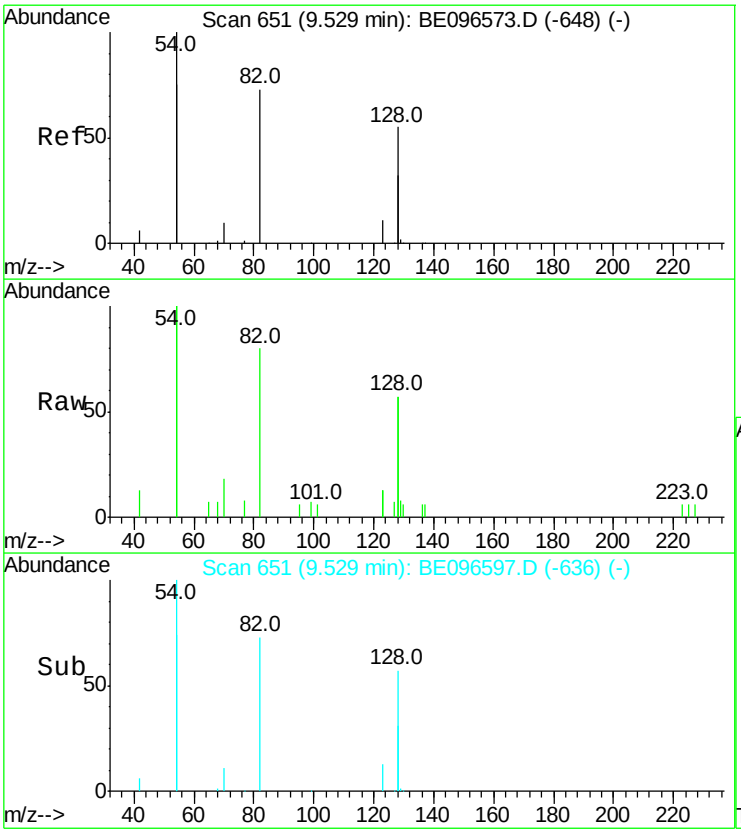
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 11.18 min Scan# 778
Delta R.T. 0.00 min
Lab File: BE096597.D
Acq: 16 May 2018 17:18

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:136 Resp: 2866

Ion	Ratio	Lower	Upper
136	100		
137	12.9	9.5	14.3
54	36.8	29.1	43.7
68	7.3	6.2	9.2

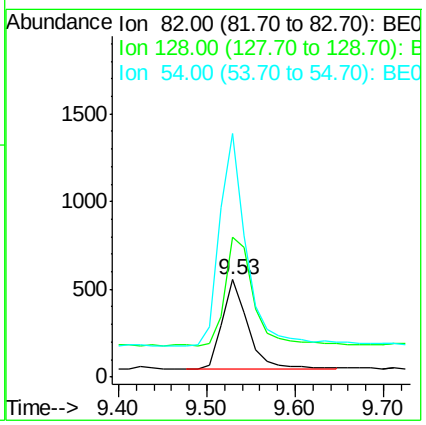


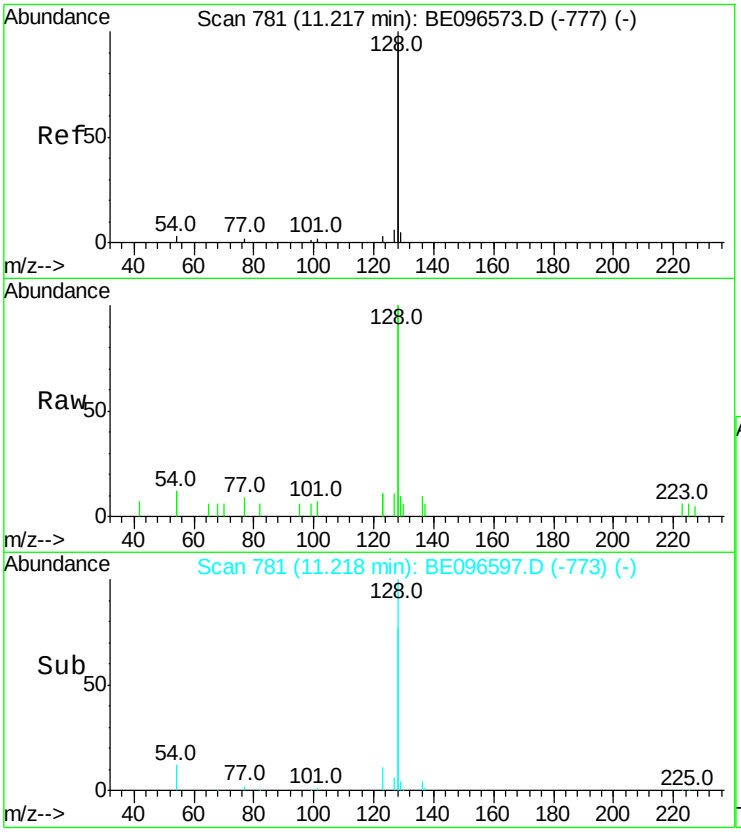


#8
Nitrobenzene-d5
Concen: 0.342 ng
RT: 9.53 min Scan# 651
Delta R.T. 0.00 min
Lab File: BE096597.D
Acq: 16 May 2018 17:18

Tgt Ion: 82 Resp: 1042

Ion	Ratio	Lower	Upper
82	100		
128	143.1	150.0	225.0#
54	250.1	154.2	231.4#



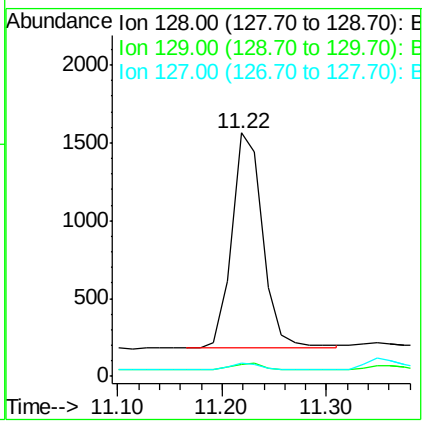


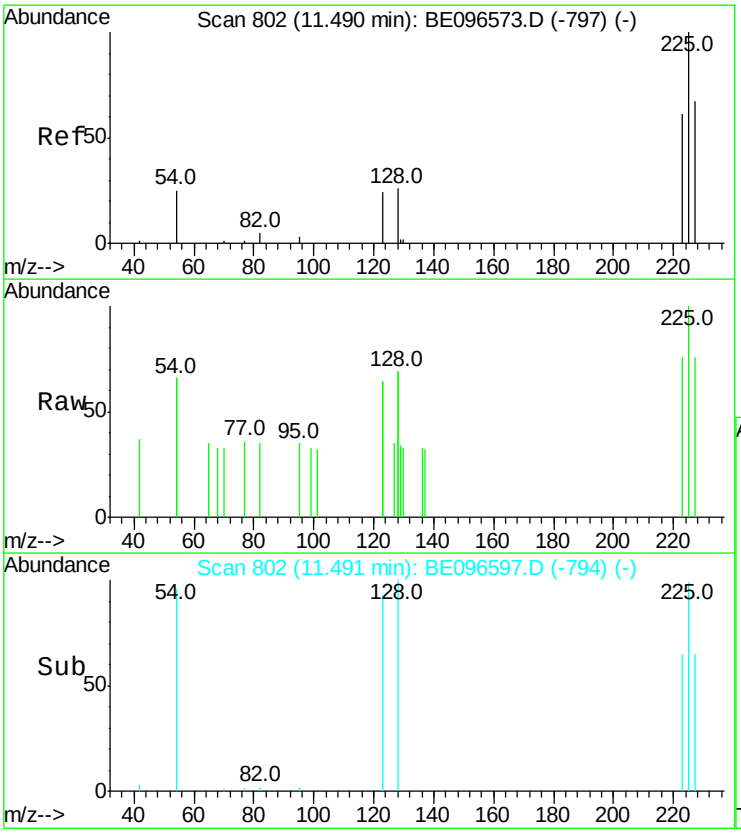
#9
Naphthalene
Concen: 0.095 ng
RT: 11.22 min Scan# 781
Delta R.T. 0.00 min
Lab File: BE096597.D
Acq: 16 May 2018 17:18

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:128 Resp: 2864

Ion	Ratio	Lower	Upper
128	100		
129	4.9	2.6	3.8#
127	5.6	2.8	4.2#

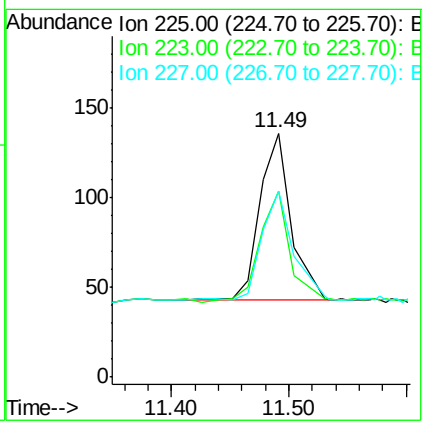


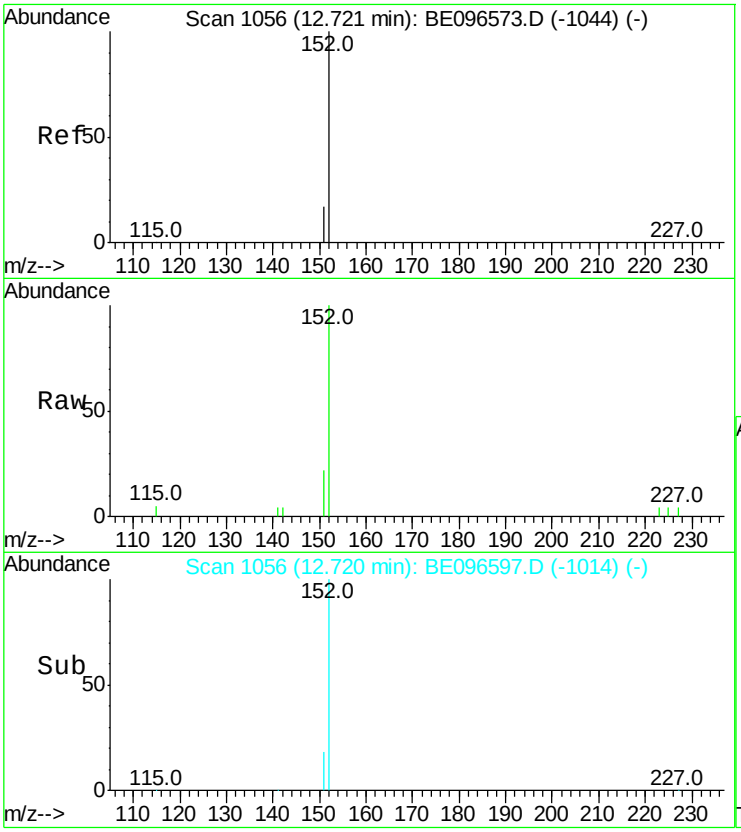


#10
Hexachlorobutadiene
Concen: 0.092 ng
RT: 11.49 min Scan# 802
Delta R.T. 0.00 min
Lab File: BE096597.D
Acq: 16 May 2018 17:18

Tgt Ion:225 Resp: 155

Ion	Ratio	Lower	Upper
225	100		
223	62.6	53.0	79.6
227	61.3	51.4	77.2



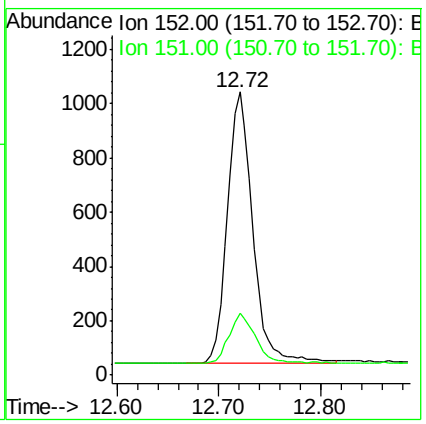


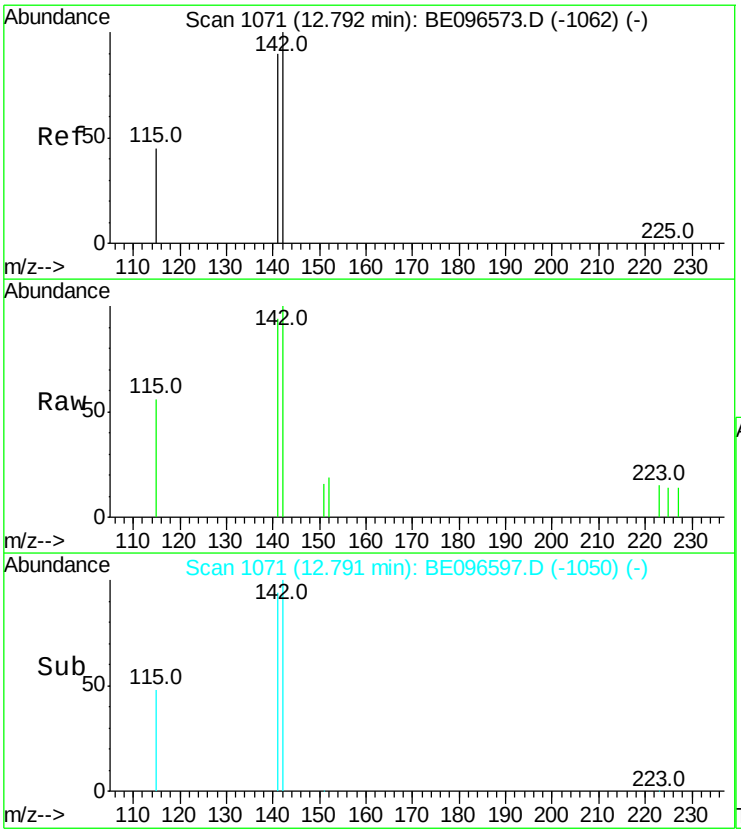
#11
2-Methylnaphthalene-d10
Concen: 0.372 ng
RT: 12.72 min Scan# 1056
Delta R.T. -0.00 min
Lab File: BE096597.D
Acq: 16 May 2018 17:18

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 1743

Ion	Ratio	Lower	Upper
152	100		
151	19.4	15.4	23.0

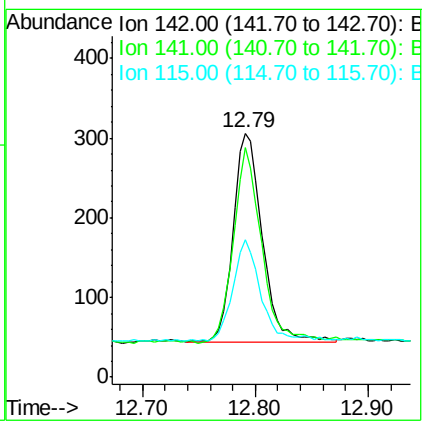


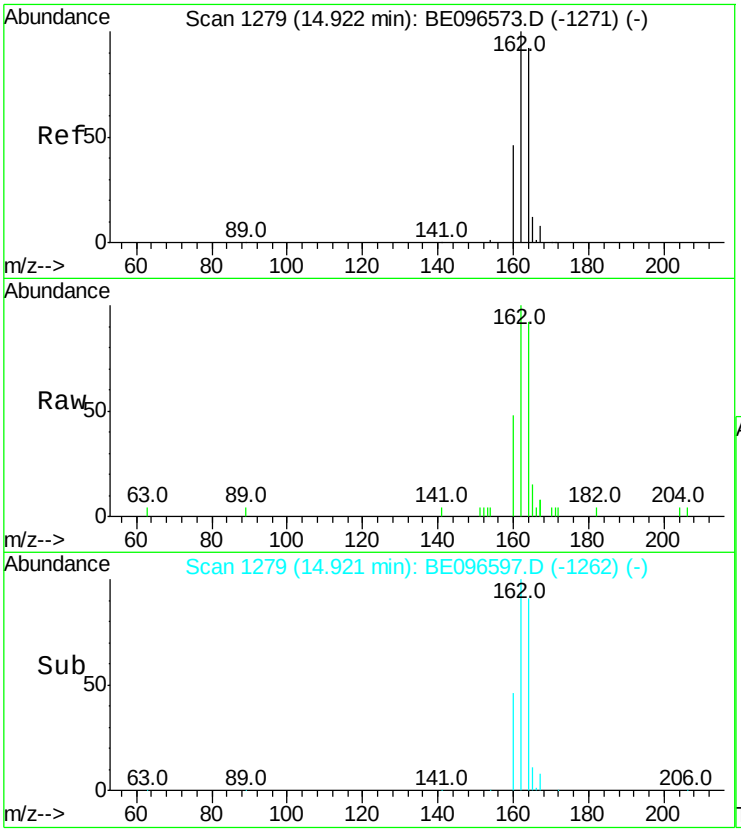


#12
2-Methylnaphthalene
Concen: 0.091 ng
RT: 12.79 min Scan# 1071
Delta R.T. -0.00 min
Lab File: BE096597.D
Acq: 16 May 2018 17:18

Tgt Ion:142 Resp: 471

Ion	Ratio	Lower	Upper
142	100		
141	94.4	70.4	105.6
115	56.2	31.7	47.5#



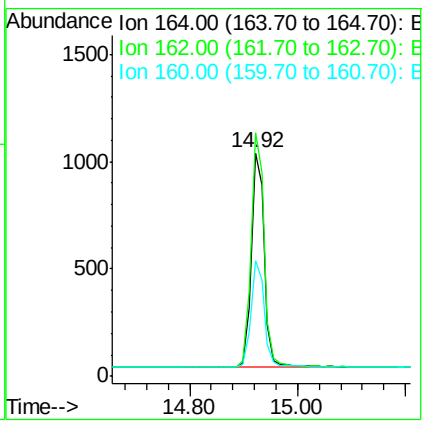


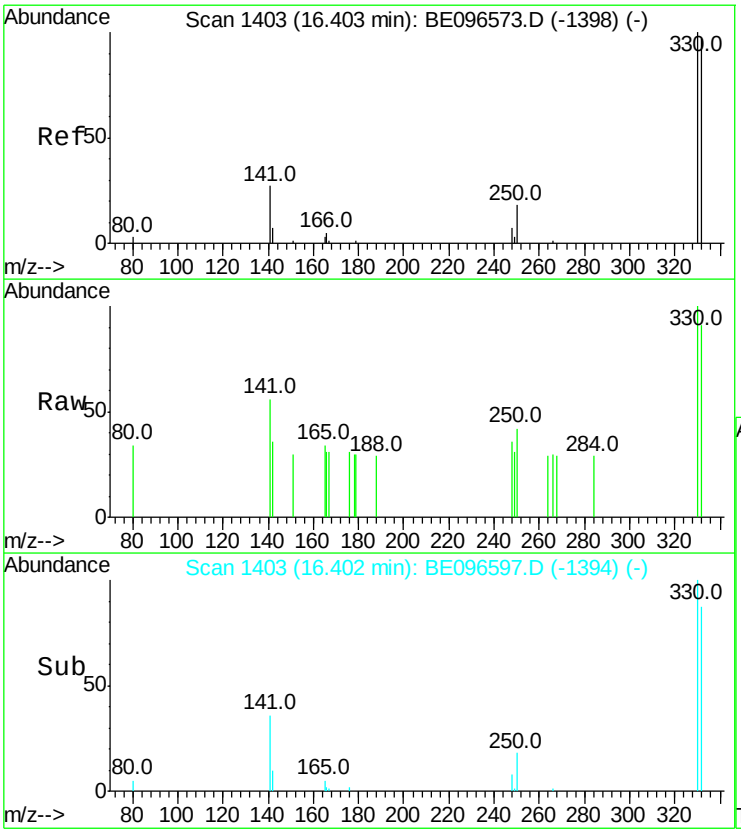
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.92 min Scan# 1279
Delta R.T. -0.00 min
Lab File: BE096597.D
Acq: 16 May 2018 17:18

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:164 Resp: 1683

Ion	Ratio	Lower	Upper
164	100		
162	109.0	83.1	124.7
160	52.0	37.1	55.7

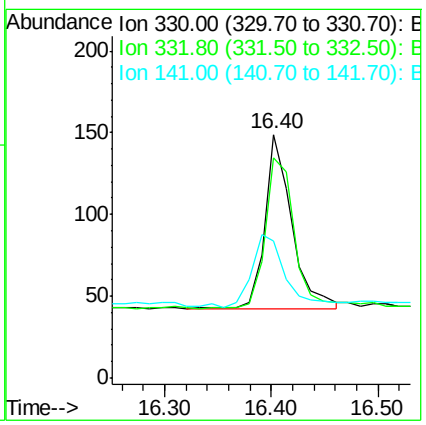


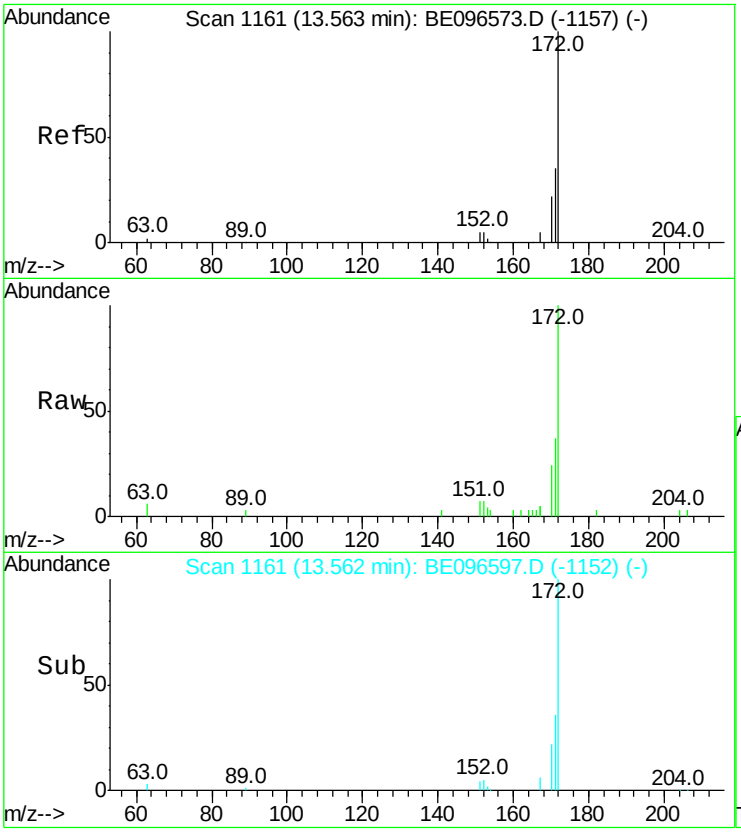


#14
2,4,6-Tribromophenol
Concen: 0.286 ng
RT: 16.40 min Scan# 1403
Delta R.T. 0.00 min
Lab File: BE096597.D
Acq: 16 May 2018 17:18

Tgt Ion:330 Resp: 190

Ion	Ratio	Lower	Upper
330	100		
332	93.7	152.7	229.1#
141	48.9	33.7	50.5



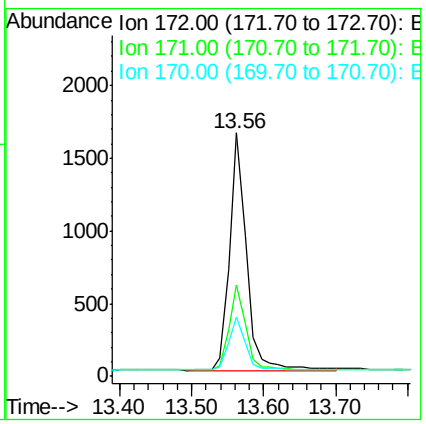


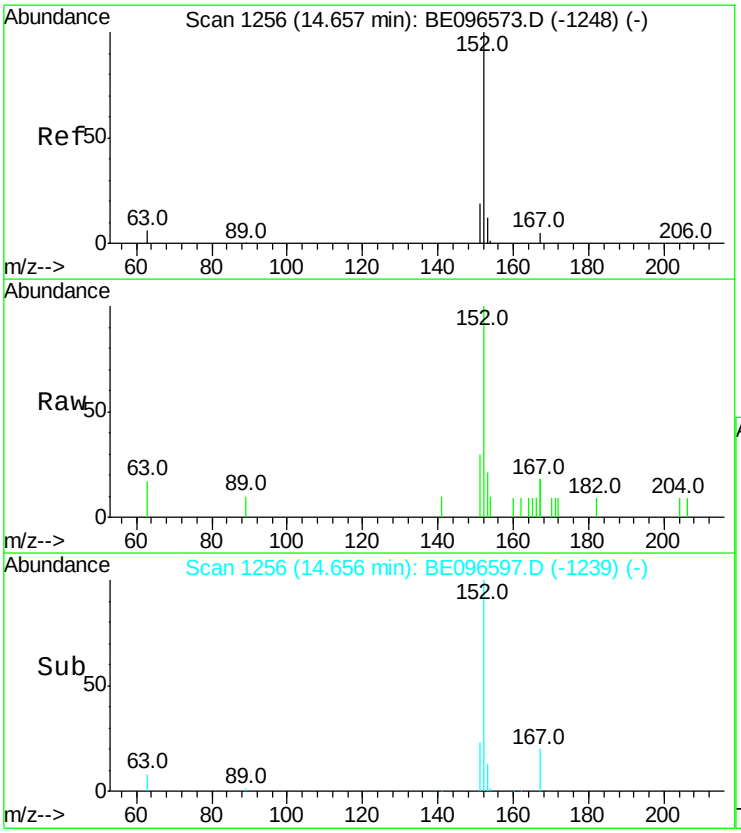
#15
2-Fluorobiphenyl
Concen: 0.368 ng
RT: 13.56 min Scan# 1161
Delta R.T. -0.00 min
Lab File: BE096597.D
Acq: 16 May 2018 17:18

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:172 Resp: 2658

Ion	Ratio	Lower	Upper
172	100		
171	37.3	29.9	44.9
170	24.5	21.8	32.8

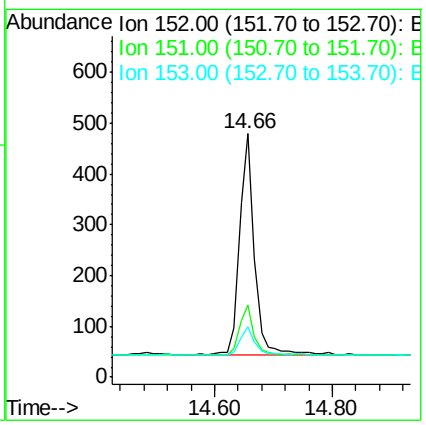


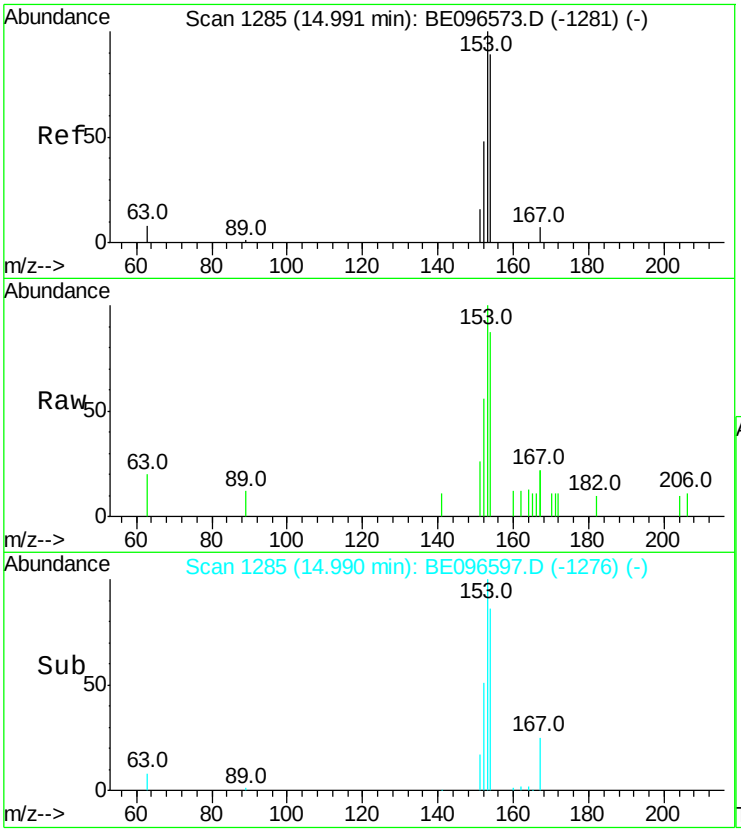


#16
Acenaphthylene
Concen: 0.085 ng
RT: 14.66 min Scan# 1256
Delta R.T. -0.00 min
Lab File: BE096597.D
Acq: 16 May 2018 17:18

Tgt Ion:152 Resp: 748

Ion	Ratio	Lower	Upper
152	100		
151	22.6	15.7	23.5
153	12.7	10.5	15.7



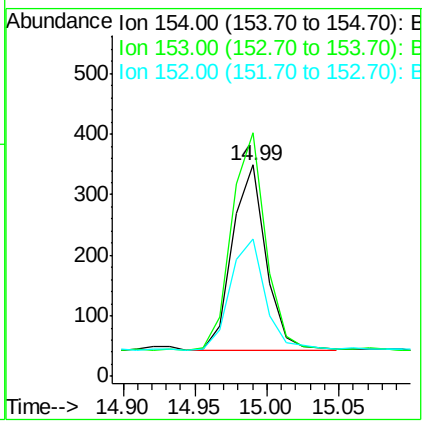


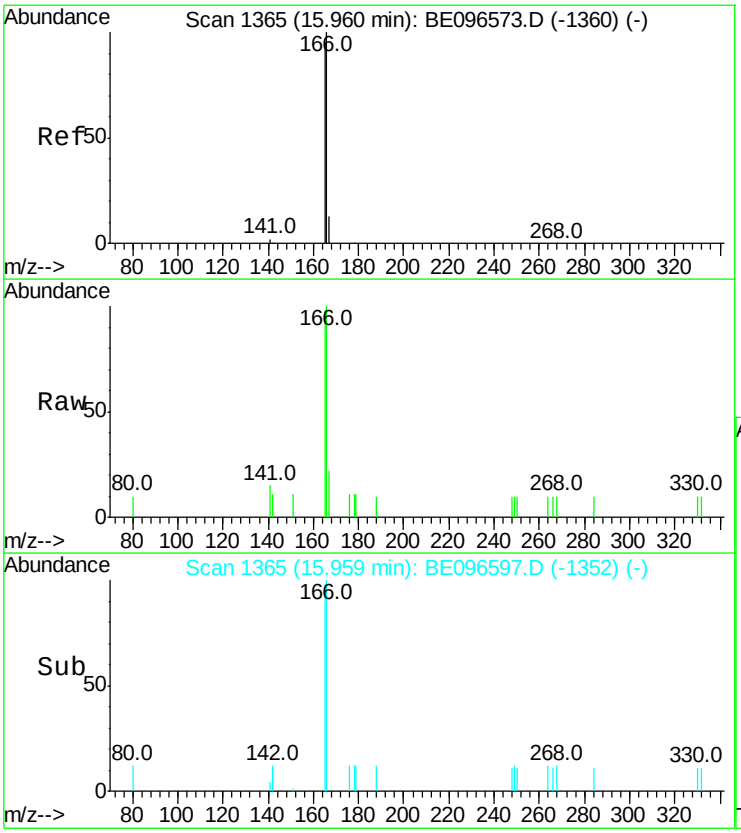
#17
Acenaphthene
Concen: 0.092 ng
RT: 14.99 min Scan# 1285
Delta R.T. -0.00 min
Lab File: BE096597.D
Acq: 16 May 2018 17:18

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:154 Resp: 492

Ion	Ratio	Lower	Upper
154	100		
153	119.3	89.2	133.8
152	62.8	42.0	63.0

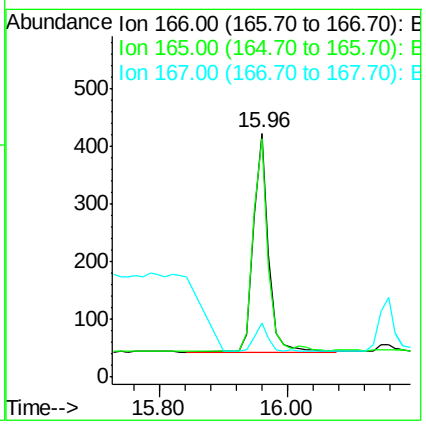


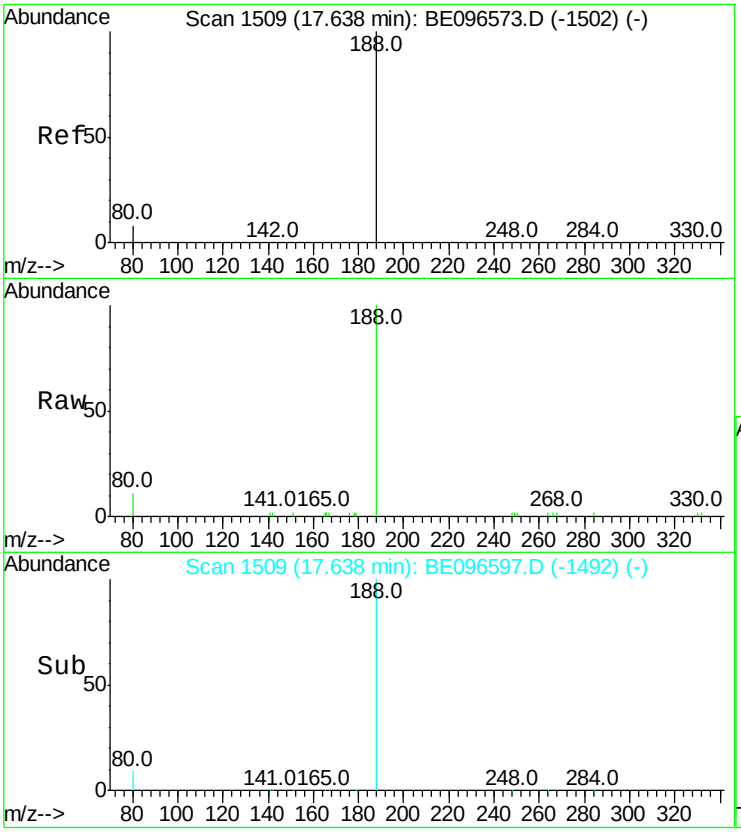


#18
Fluorene
Concen: 0.118 ng
RT: 15.96 min Scan# 1365
Delta R.T. -0.00 min
Lab File: BE096597.D
Acq: 16 May 2018 17:18

Tgt Ion:166 Resp: 785

Ion	Ratio	Lower	Upper
166	100		
165	77.7	77.8	116.6#
167	9.9	42.4	63.6#



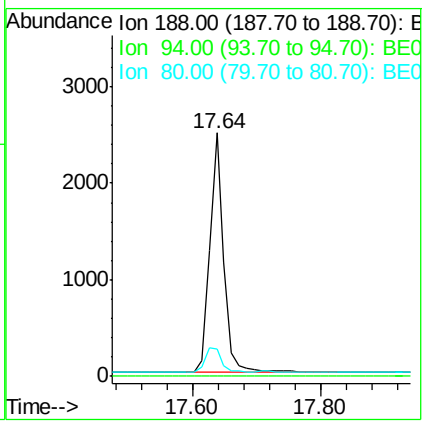


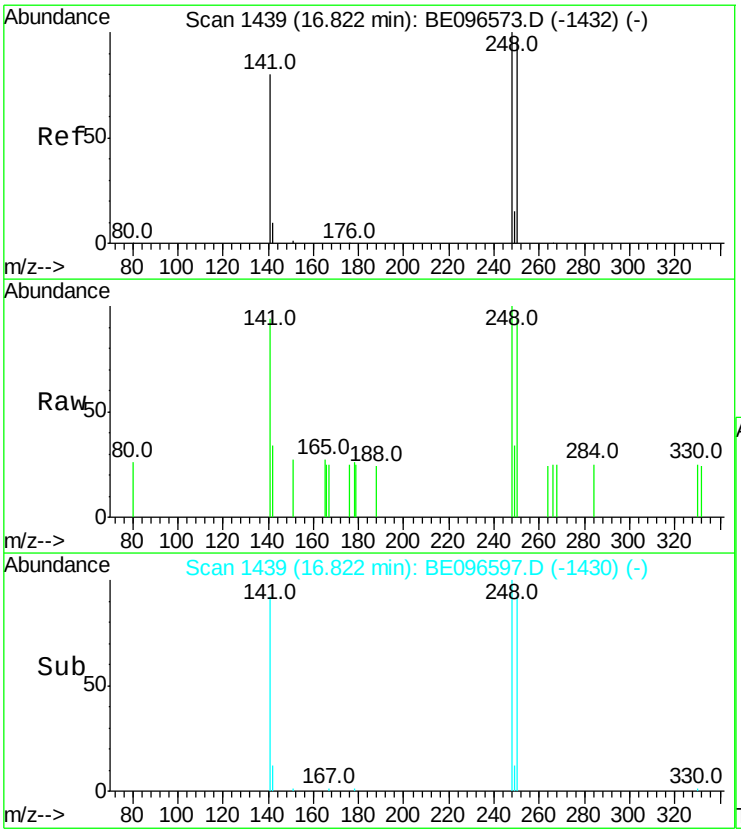
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.64 min Scan# 1509
Delta R.T. -0.00 min
Lab File: BE096597.D
Acq: 16 May 2018 17:18

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:188 Resp: 3807

Ion	Ratio	Lower	Upper
188	100		
94	0.0	3.9	5.9#
80	11.0	3.6	5.4#

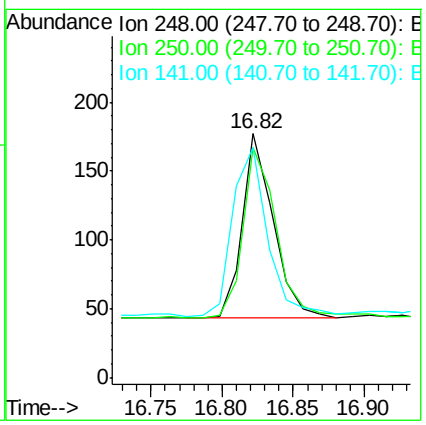


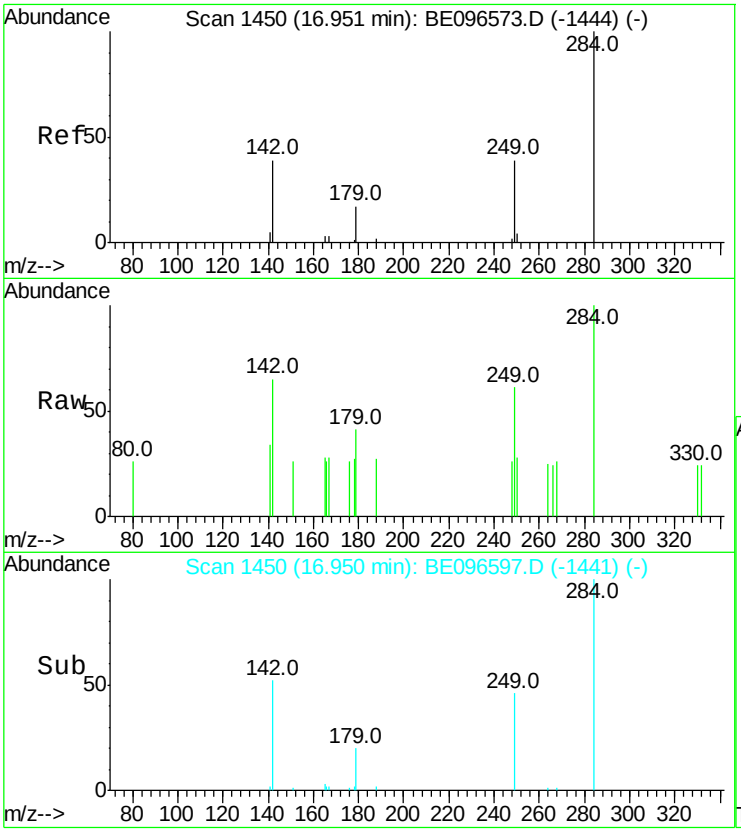


#20
4-Bromophenyl-phenylether
Concen: 0.088 ng
RT: 16.82 min Scan# 1439
Delta R.T. -0.00 min
Lab File: BE096597.D
Acq: 16 May 2018 17:18

Tgt Ion:248 Resp: 203

Ion	Ratio	Lower	Upper
248	100		
250	94.4	62.7	94.1#
141	94.4	48.2	72.2#



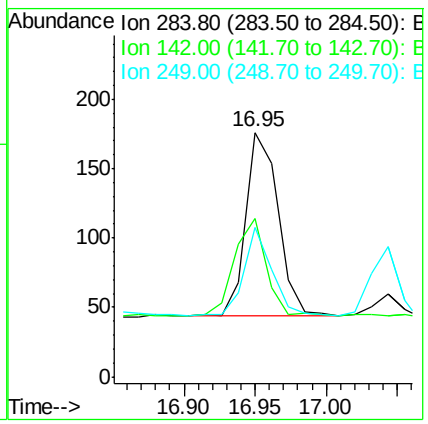


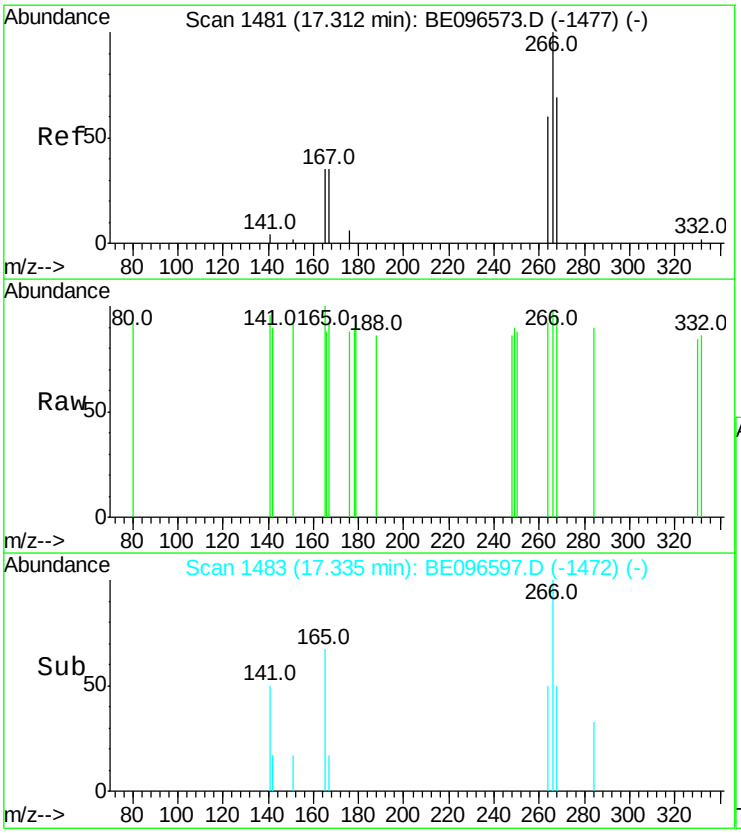
#21
Hexachlorobenzene
Concen: 0.086 ng
RT: 16.95 min Scan# 1450
Delta R.T. -0.00 min
Lab File: BE096597.D
Acq: 16 May 2018 17:18

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:284 Resp: 208

Ion	Ratio	Lower	Upper
284	100		
142	52.4	22.1	33.1#
249	41.8	34.8	52.2

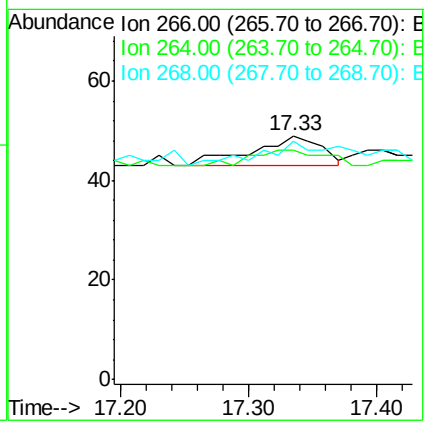


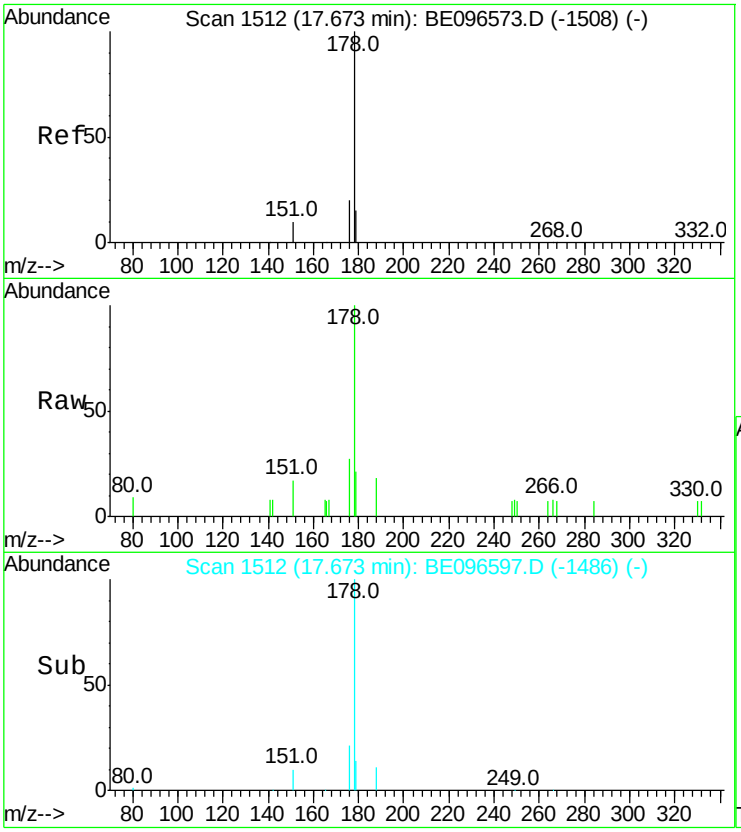


#22
Pentachlorophenol
Concen: 0.211 ng
RT: 17.33 min Scan# 1483
Delta R.T. 0.02 min
Lab File: BE096597.D
Acq: 16 May 2018 17:18

Tgt Ion:266 Resp: 22

Ion	Ratio	Lower	Upper
266	100		
264	93.9	72.5	108.7
268	98.0	73.8	110.6



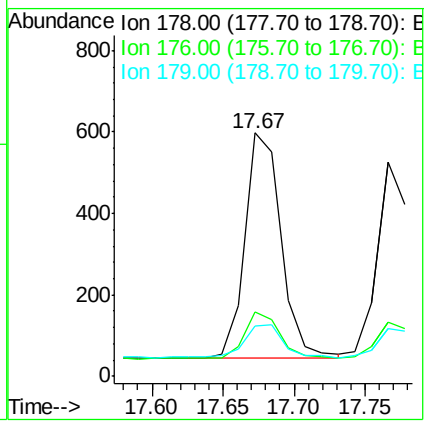


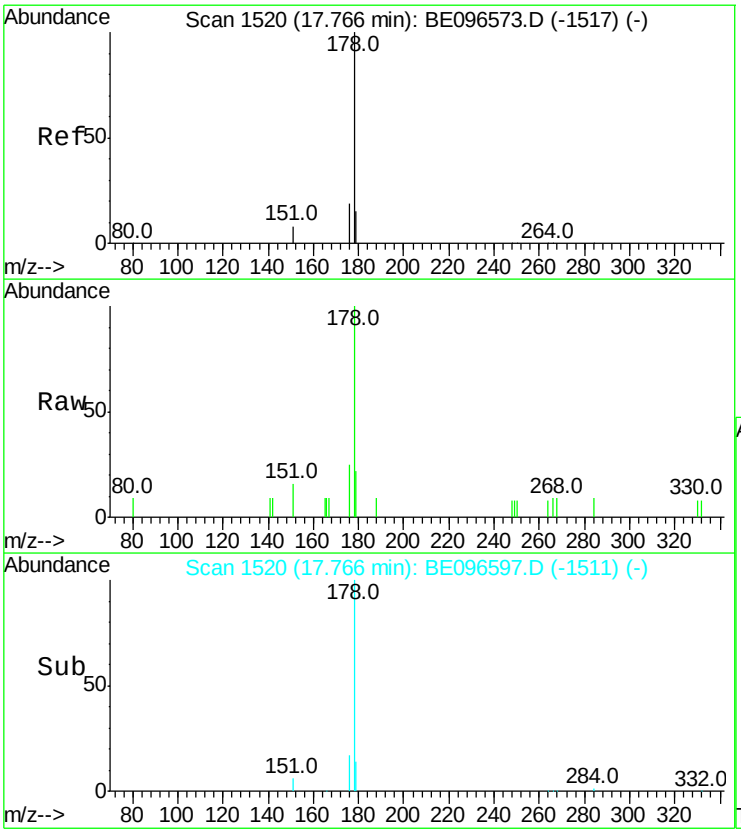
#23
Phenanthrene
Concen: 0.091 ng
RT: 17.67 min Scan# 1512
Delta R.T. -0.00 min
Lab File: BE096597.D
Acq: 16 May 2018 17:18

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 978

Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.1	22.7
179	15.5	11.8	17.6

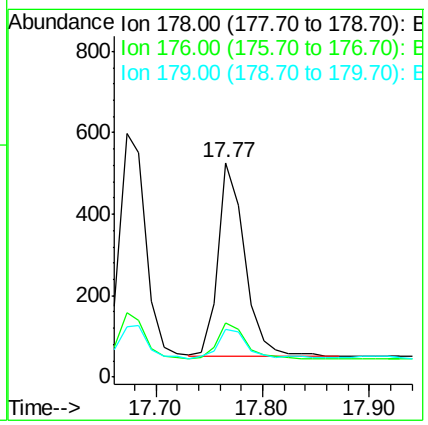


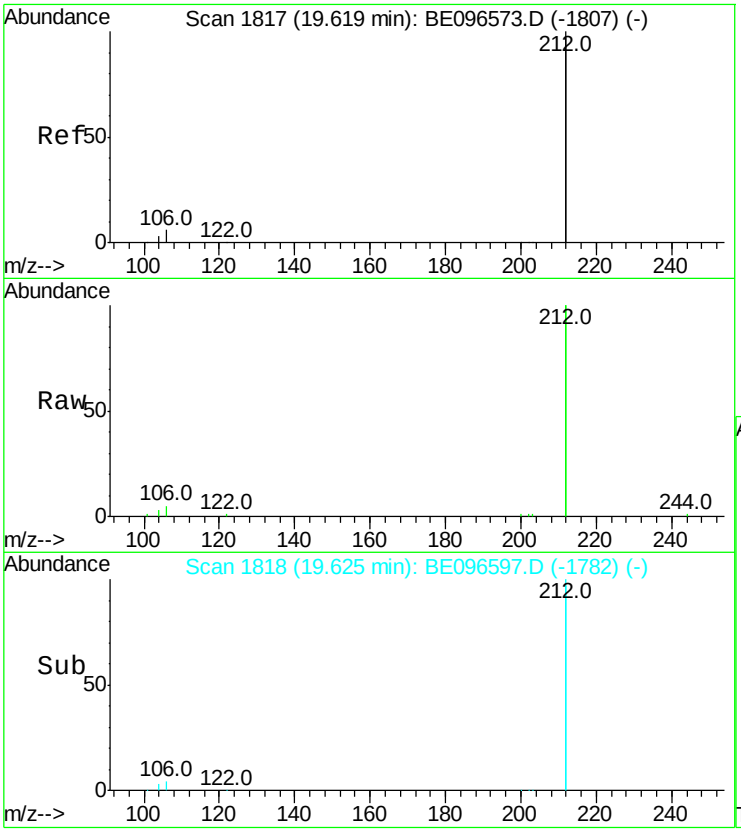


#24
Anthracene
Concen: 0.083 ng
RT: 17.77 min Scan# 1520
Delta R.T. -0.00 min
Lab File: BE096597.D
Acq: 16 May 2018 17:18

Tgt Ion:178 Resp: 827

Ion	Ratio	Lower	Upper
178	100		
176	19.6	12.8	19.2#
179	16.9	13.0	19.6



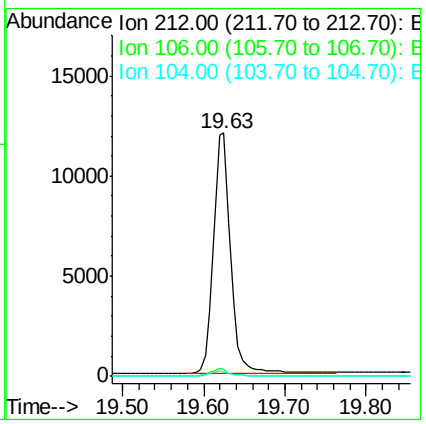


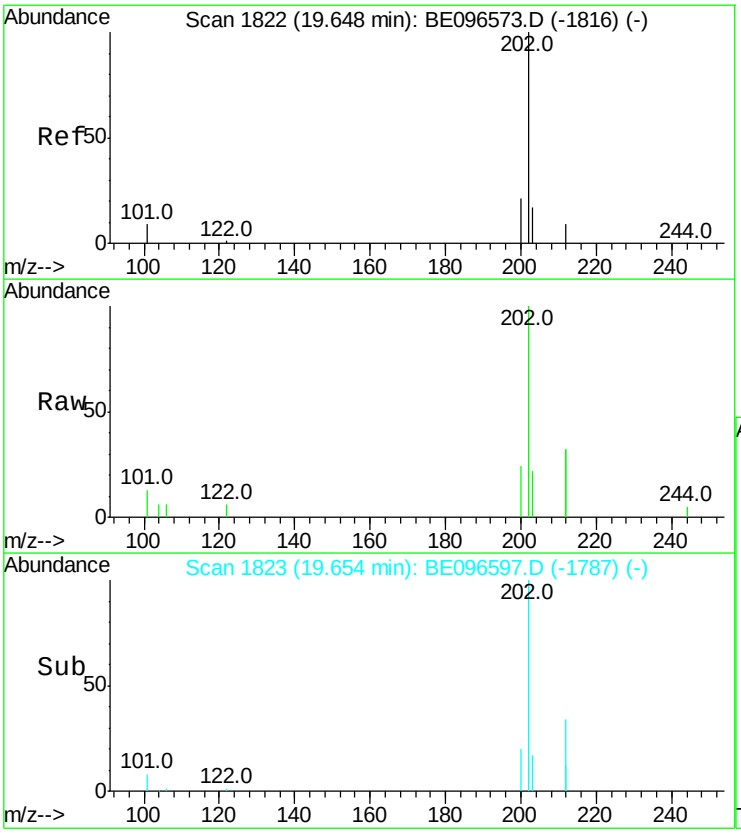
#25
Fluoranthene-d10
Concen: 0.370 ng
RT: 19.63 min Scan# 1818
Delta R.T. 0.01 min
Lab File: BE096597.D
Acq: 16 May 2018 17:18

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:212 Resp: 17232

Ion	Ratio	Lower	Upper
212	100		
106	2.6	2.8	4.2#
104	1.6	1.6	2.4#

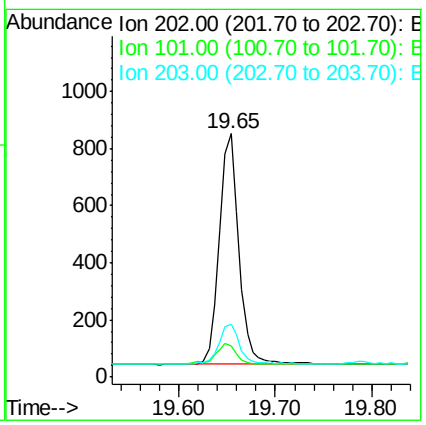


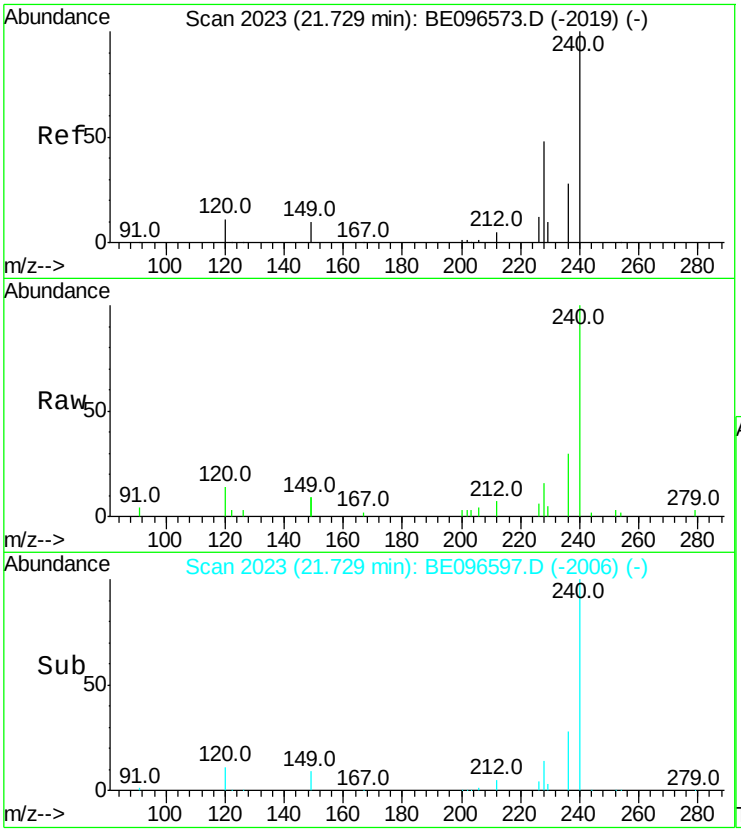


#26
Fluoranthene
Concen: 0.090 ng
RT: 19.65 min Scan# 1823
Delta R.T. 0.01 min
Lab File: BE096597.D
Acq: 16 May 2018 17:18

Tgt Ion:202 Resp: 1146

Ion	Ratio	Lower	Upper
202	100		
101	10.0	9.8	14.8
203	18.5	13.7	20.5



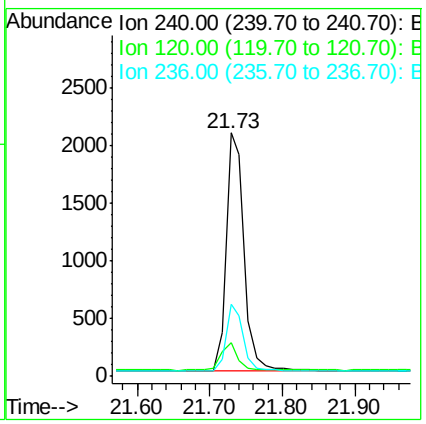


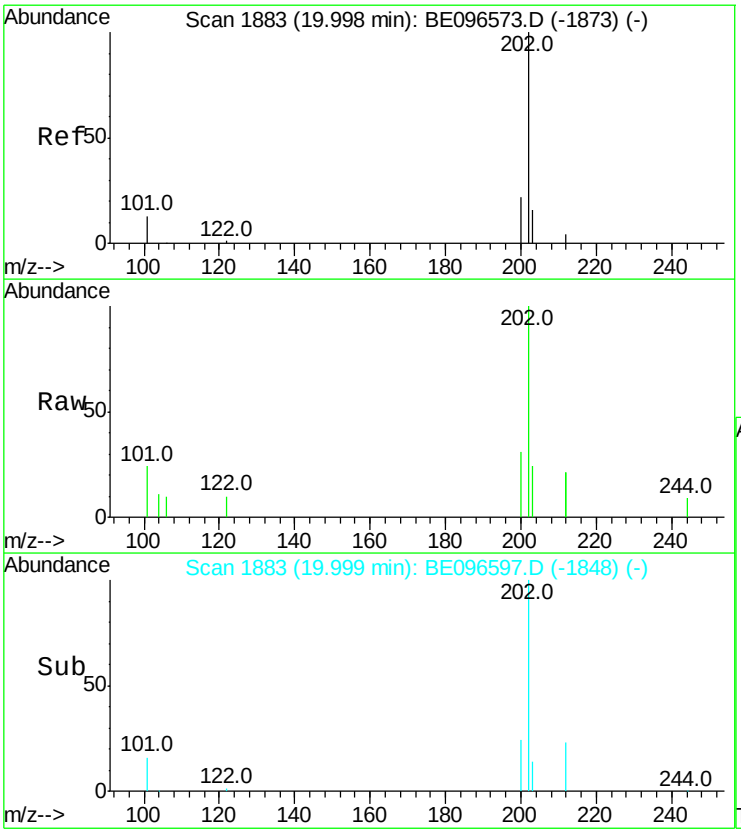
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.73 min Scan# 2023
Delta R.T. 0.00 min
Lab File: BE096597.D
Acq: 16 May 2018 17:18

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:240 Resp: 3640

Ion	Ratio	Lower	Upper
240	100		
120	13.8	5.5	8.3#
236	29.5	20.7	31.1

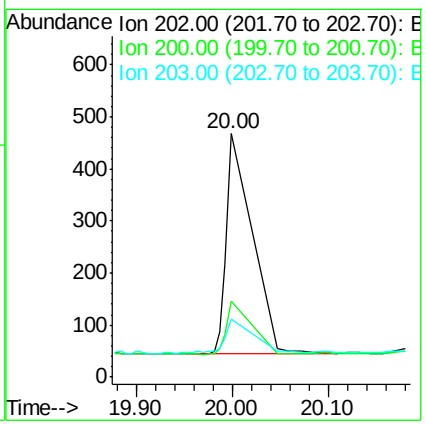


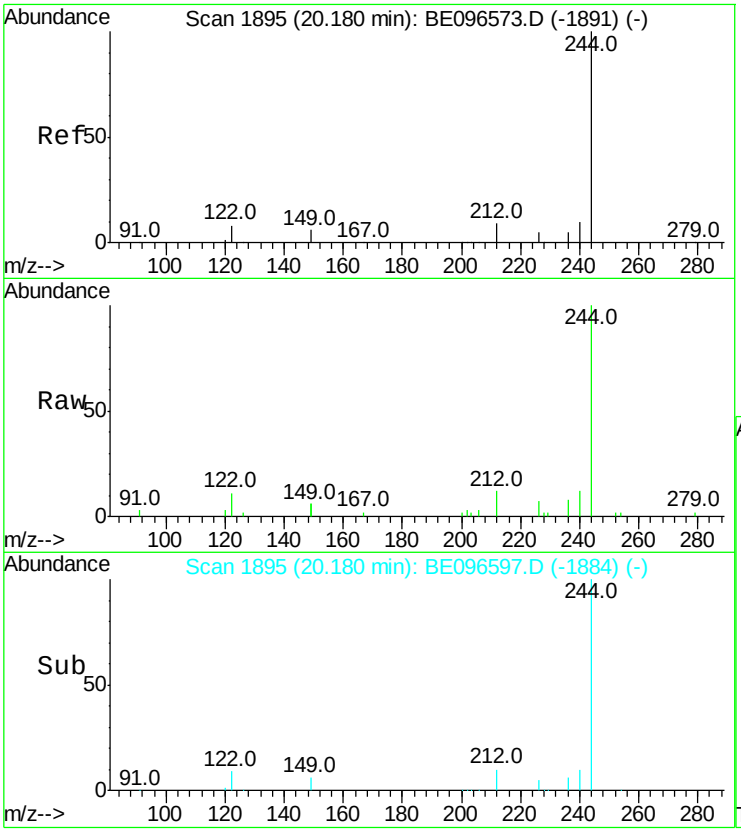


#28
Pyrene
Concen: 0.069 ng
RT: 20.00 min Scan# 1883
Delta R.T. 0.00 min
Lab File: BE096597.D
Acq: 16 May 2018 17:18

Tgt Ion:202 Resp: 452

Ion	Ratio	Lower	Upper
202	100		
200	27.9	16.6	25.0#
203	17.9	13.8	20.8



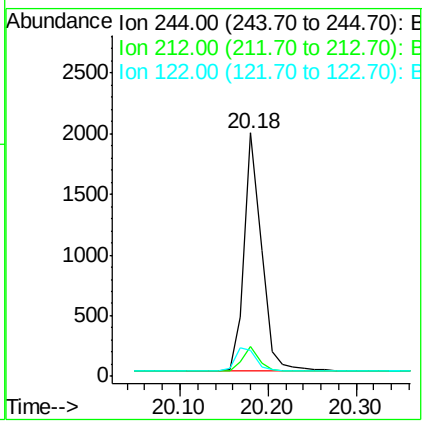


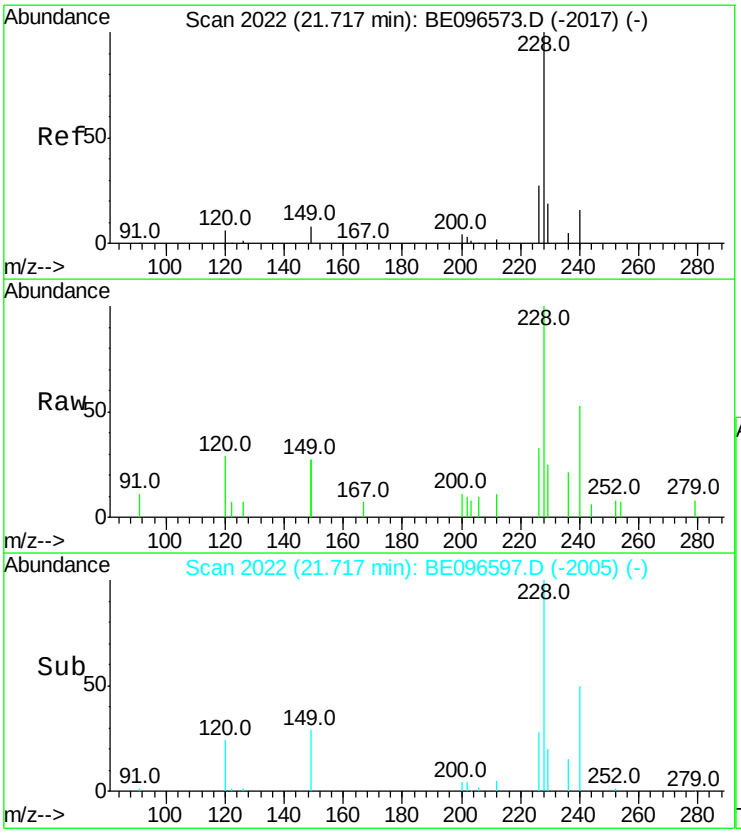
#29
Terphenyl-d14
Concen: 0.328 ng
RT: 20.18 min Scan# 1895
Delta R.T. 0.00 min
Lab File: BE096597.D
Acq: 16 May 2018 17:18

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:244 Resp: 2702

Ion	Ratio	Lower	Upper
244	100		
212	12.3	25.4	38.0#
122	10.6	8.1	12.1

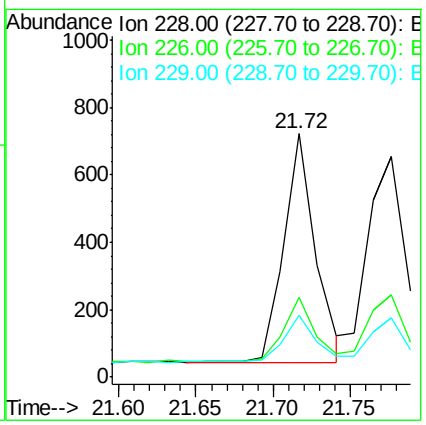


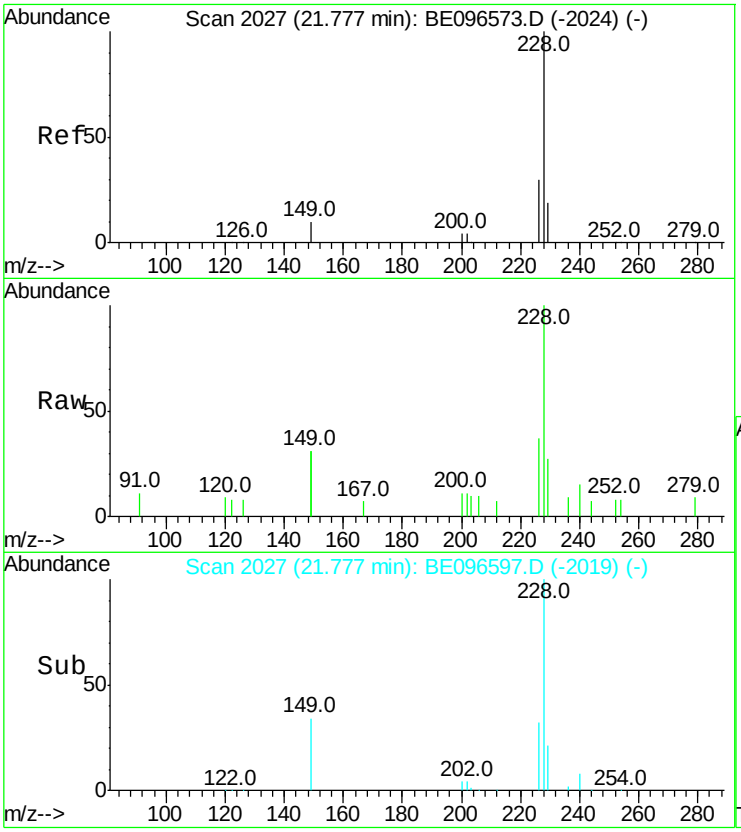


#30
Benzo(a)anthracene
Concen: 0.086 ng
RT: 21.72 min Scan# 2022
Delta R.T. 0.00 min
Lab File: BE096597.D
Acq: 16 May 2018 17:18

Tgt Ion:228 Resp: 967

Ion	Ratio	Lower	Upper
228	100		
226	32.5	24.0	36.0
229	25.3	16.0	24.0#



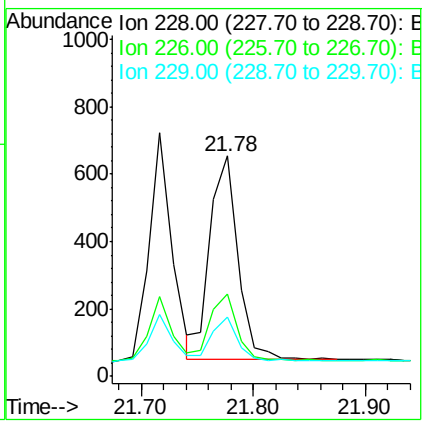


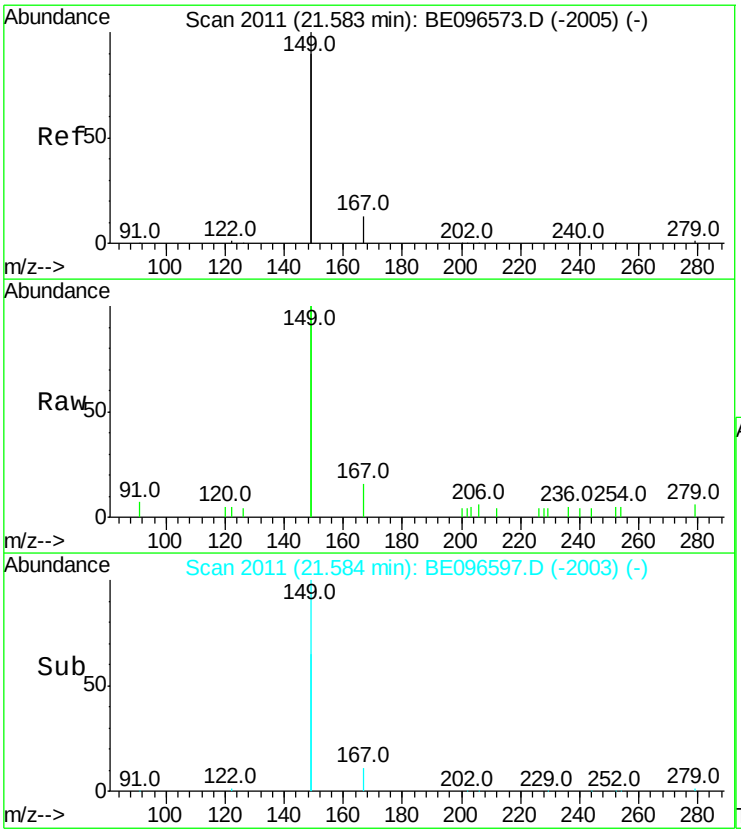
#31
Chrysene
Concen: 0.090 ng
RT: 21.78 min Scan# 2027
Delta R.T. 0.00 min
Lab File: BE096597.D
Acq: 16 May 2018 17:18

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 1043

Ion	Ratio	Lower	Upper
228	100		
226	37.5	24.0	36.0#
229	26.6	16.0	24.0#

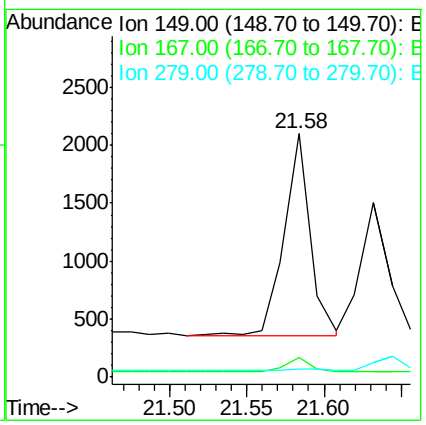


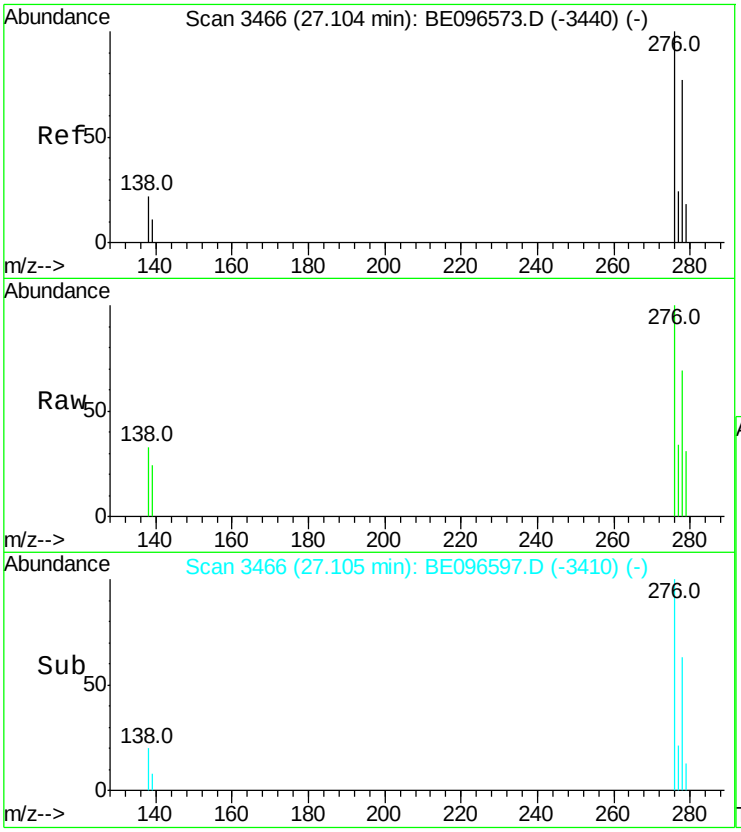


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.085 ng
RT: 21.58 min Scan# 2011
Delta R.T. 0.00 min
Lab File: BE096597.D
Acq: 16 May 2018 17:18

Tgt Ion:149 Resp: 2045

Ion	Ratio	Lower	Upper
149	100		
167	6.9	5.4	8.0
279	0.9	0.7	1.1



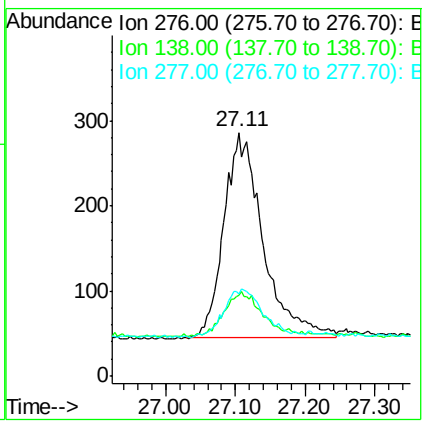


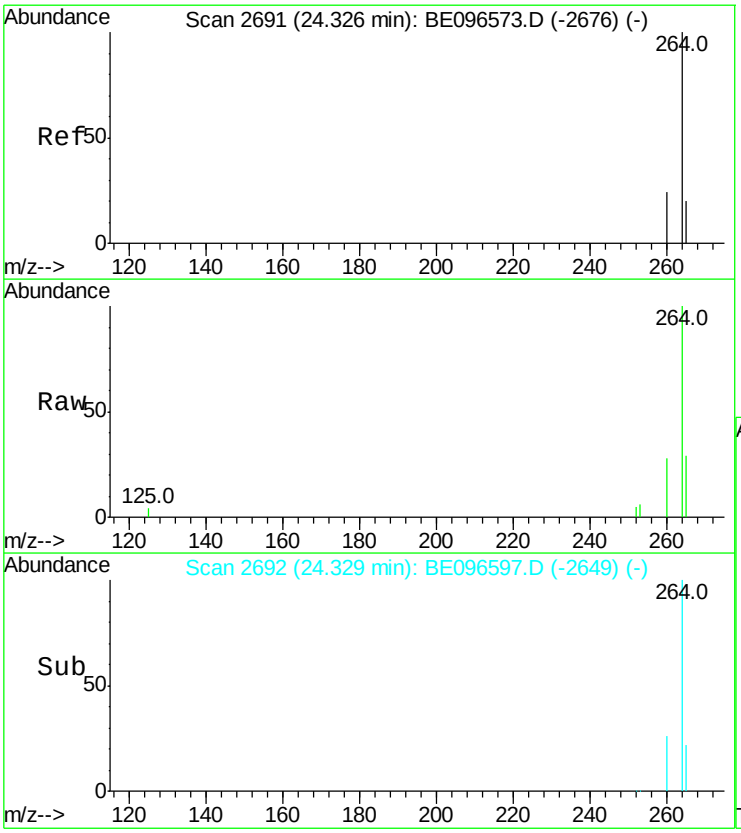
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.084 ng
RT: 27.11 min Scan# 3466
Delta R.T. 0.00 min
Lab File: BE096597.D
Acq: 16 May 2018 17:18

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 936

Ion	Ratio	Lower	Upper
276	100		
138	19.2	22.5	33.7#
277	23.7	19.9	29.9

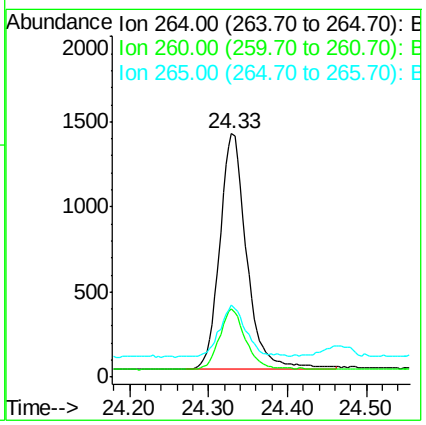


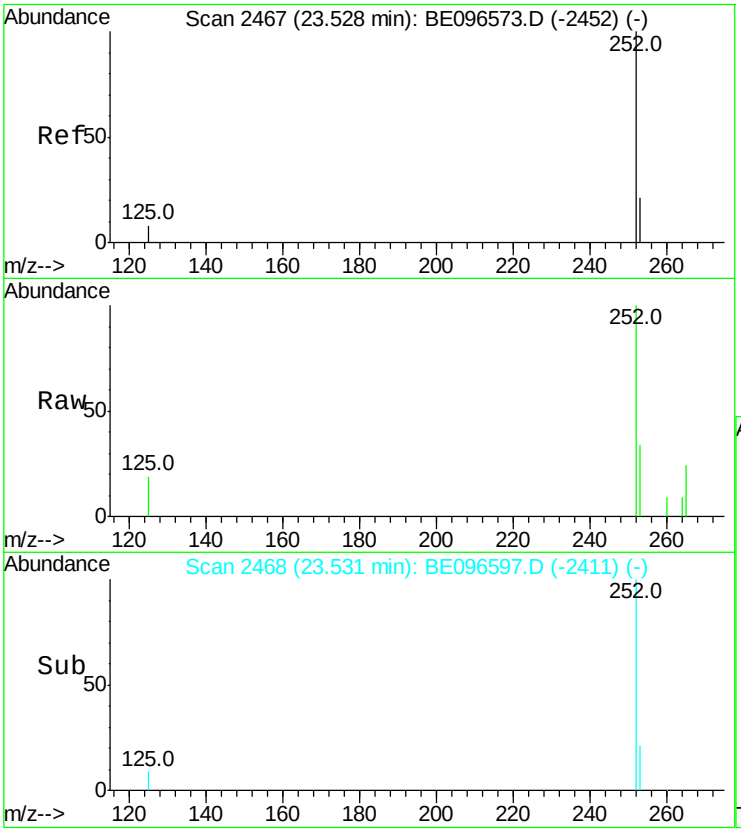


#34
Perylene-d12
Concen: 0.400 ng
RT: 24.33 min Scan# 2692
Delta R.T. 0.00 min
Lab File: BE096597.D
Acq: 16 May 2018 17:18

Tgt Ion:264 Resp: 3284

Ion	Ratio	Lower	Upper
264	100		
260	28.0	20.5	30.7
265	29.5	22.8	34.2



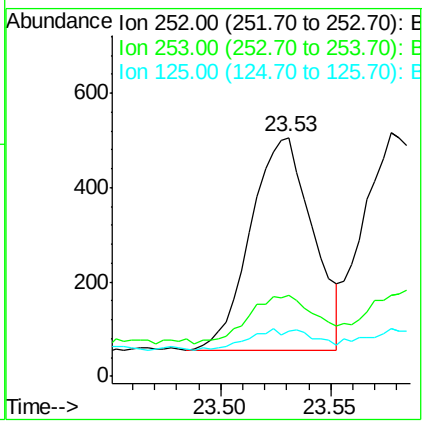


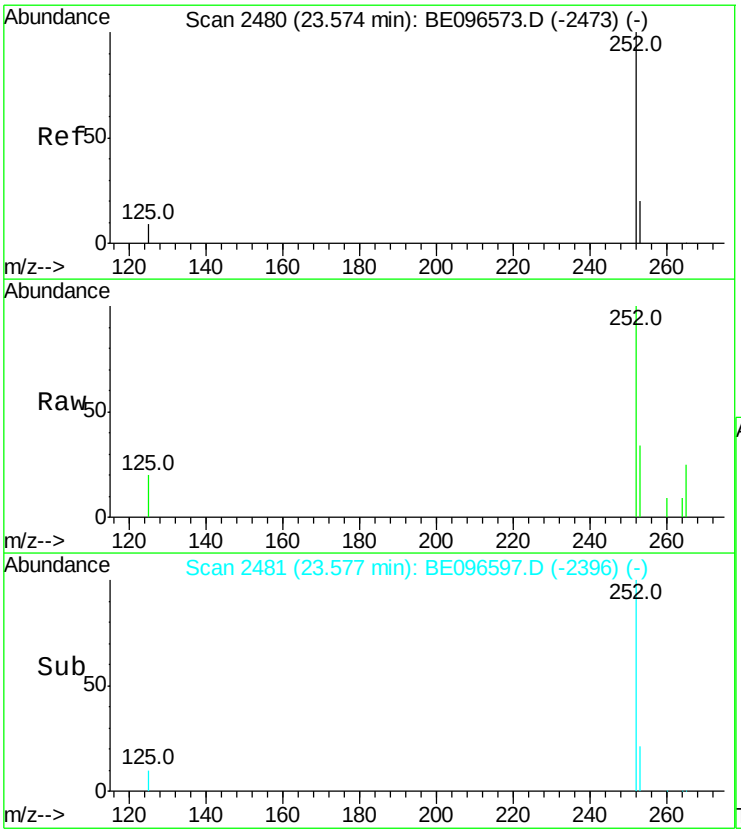
#35
Benzo(b)fluoranthene
Concen: 0.087 ng
RT: 23.53 min Scan# 2468
Delta R.T. 0.00 min
Lab File: BE096597.D
Acq: 16 May 2018 17:18

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 883

Ion	Ratio	Lower	Upper
252	100		
253	33.8	20.0	30.0#
125	19.0	16.0	24.0

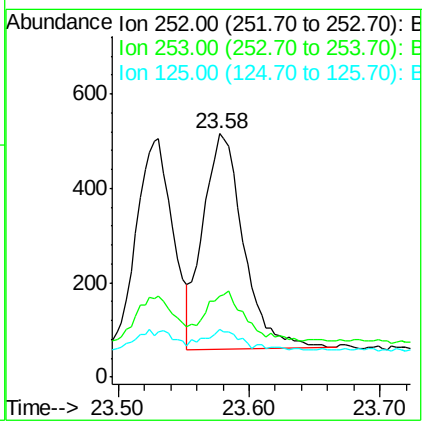


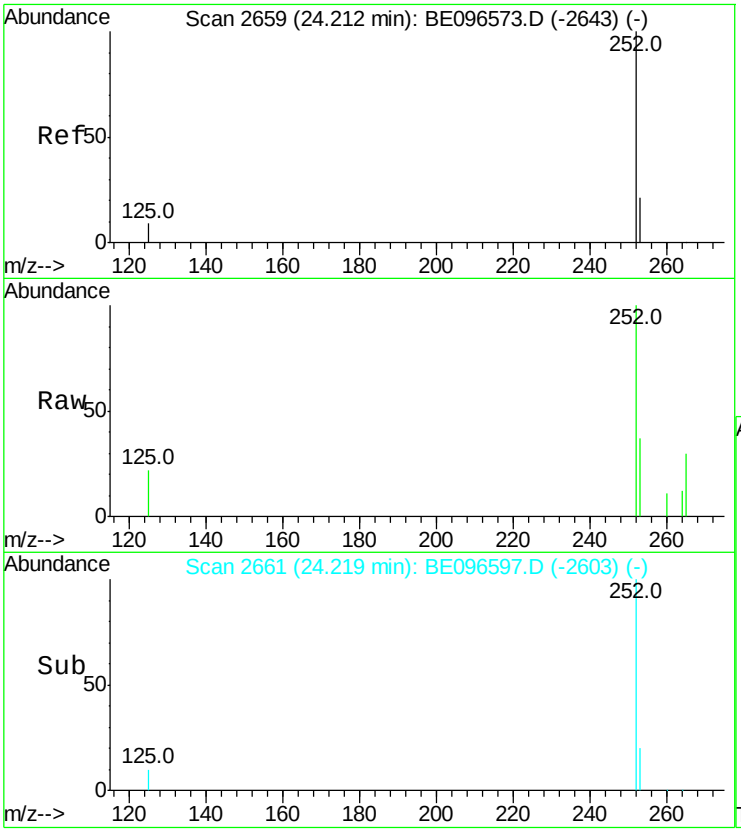


#36
Benzo(k)fluoranthene
Concen: 0.091 ng
RT: 23.58 min Scan# 2481
Delta R.T. 0.00 min
Lab File: BE096597.D
Acq: 16 May 2018 17:18

Tgt Ion:252 Resp: 975

Ion	Ratio	Lower	Upper
252	100		
253	33.5	16.0	24.0#
125	19.6	8.0	12.0#



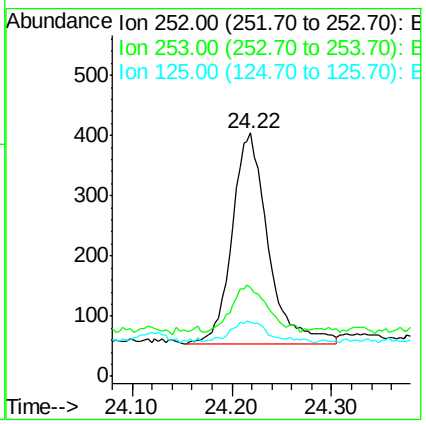


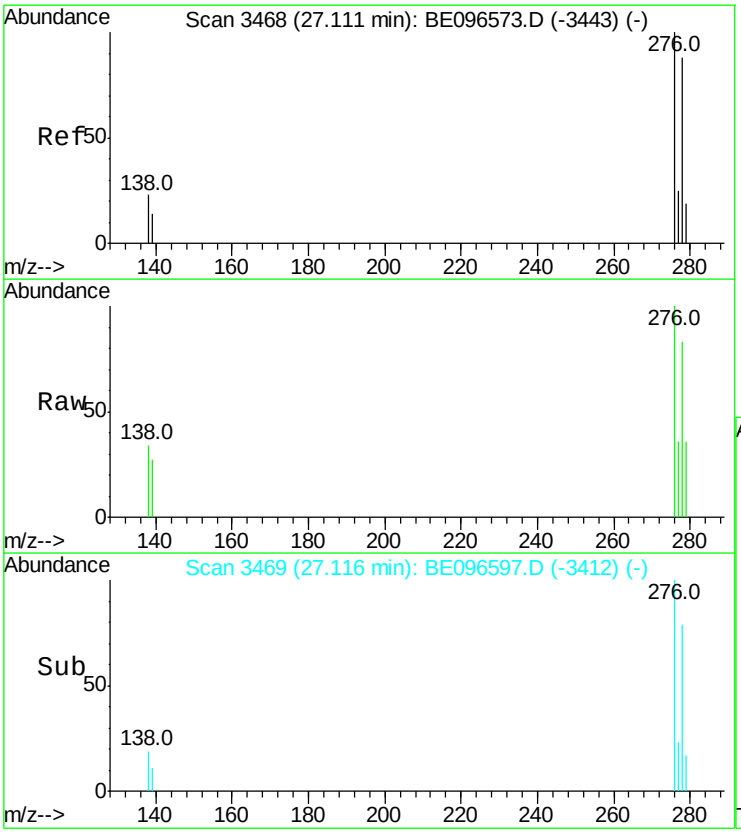
#37
Benzo(a)pyrene
Concen: 0.090 ng
RT: 24.22 min Scan# 2661
Delta R.T. 0.01 min
Lab File: BE096597.D
Acq: 16 May 2018 17:18

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 870

Ion	Ratio	Lower	Upper
252	100		
253	36.6	16.0	24.0#
125	22.3	12.0	18.0#

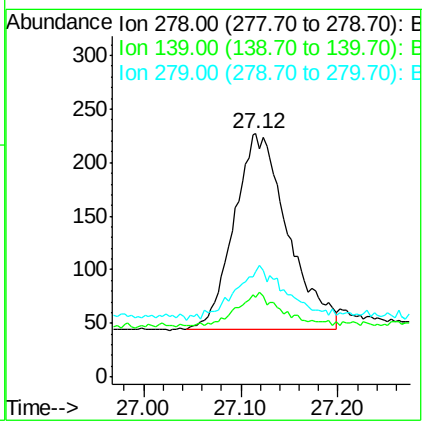


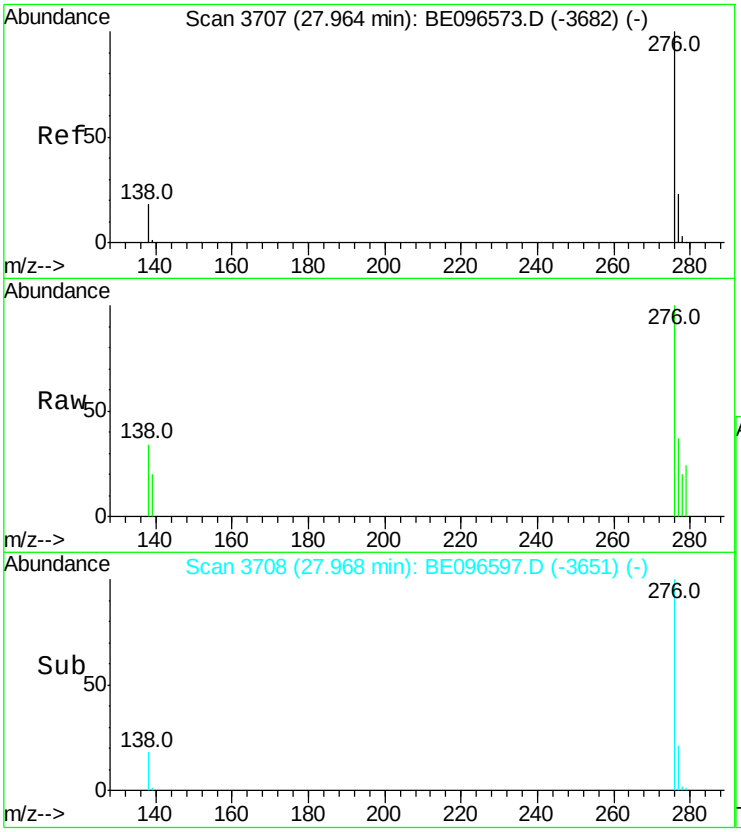


#38
Dibenzo(a,h)anthracene
Concen: 0.079 ng
RT: 27.12 min Scan# 3469
Delta R.T. 0.00 min
Lab File: BE096597.D
Acq: 16 May 2018 17:18

Tgt Ion:278 Resp: 697

Ion	Ratio	Lower	Upper
278	100		
139	32.6	16.0	24.0#
279	43.2	20.0	30.0#





#39
Benzo(g,h,i)perylene
Concen: 0.089 ng
RT: 27.97 min Scan# 3708
Delta R.T. 0.00 min
Lab File: BE096597.D
Acq: 16 May 2018 17:18

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 824

Ion	Ratio	Lower	Upper
276	100		
277	37.3	16.0	24.0#
138	34.0	20.0	30.0#