Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE051618\
Data File : BE096595.D
Acq On : 16 May 2018 16:07
Operator : SJ/JU
Sample : J2133-07
Misc : LOD 0.1
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: May 17 03:56:09 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	658	0.40	ng		0.00
7) Naphthalene-d8	11.18	136	2661	0.40	ng		0.00
13) Acenaphthene-d10	14.92	164	1589	0.40	ng		0.00
19) Phenanthrene-d10	17.64	188	3544	0.40	ng		0.00
27) Chrysene-d12	21.74	240	3387	0.40	ng		0.01
34) Perylene-d12	24.33	264	3050	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.86	112	605	0.33	ng		0.00
5) Phenol-d6	7.51	99	793	0.31	ng		0.00
8) Nitrobenzene-d5	9.53	82	974	0.34	ng		0.00
11) 2-Methylnaphthalene-d10	12.72	152	1554	0.36	ng		0.00
14) 2,4,6-Tribromophenol	16.40	330	158	0.25	ng		0.00
15) 2-Fluorobiphenyl	13.56	172	2460	0.36	ng		0.00
25) Fluoranthene-d10	19.62	212	15722	0.36	ng		0.00
29) Terphenyl-d14	20.18	244	2444	0.32	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.59	88	95	0.096	ng	#	92
3) n-Nitrosodimethylamine	3.97	42	83	0.067	ng	#	66
6) bis(2-Chloroethyl)ether	7.75	93	216	0.090	ng		78
9) Naphthalene	11.23	128	2568	0.092	ng	#	93
10) Hexachlorobutadiene	11.49	225	147	0.094	ng	#	90
12) 2-Methylnaphthalene	12.79	142	412	0.086	ng	#	89
16) Acenaphthylene	14.66	152	681	0.082	ng		97
17) Acenaphthene	14.99	154	426	0.084	ng		89
18) Fluorene	15.96	166	663	0.105	ng	#	68
20) 4-Bromophenyl-phenylether	16.82	248	170	0.079	ng	#	63
21) Hexachlorobenzene	16.95	284	197	0.088	ng	#	85
22) Pentachlorophenol	17.34	266	14	0.202	ng		96
23) Phenanthrene	17.67	178	844	0.085	ng		97
24) Anthracene	17.77	178	712	0.077	ng	#	95
26) Fluoranthene	19.65	202	1012	0.085	ng		98
28) Pyrene	20.00	202	388	0.063	ng	#	90
30) Benzo(a)anthracene	21.72	228	856	0.082	ng	#	94
31) Chrysene	21.78	228	960	0.089	ng	#	91
32) Bis(2-ethylhexyl)phthalate	21.58	149	1749	0.078	ng	#	98
33) Indeno(1,2,3-cd)pyrene	27.10	276	787	0.076	ng	#	92
35) Benzo(b)fluoranthene	23.53	252	811	0.086	ng	#	88
36) Benzo(k)fluoranthene	23.58	252	799	0.080	ng	#	66
37) Benzo(a)pyrene	24.22	252	746	0.083	ng	#	68
38) Dibenzo(a,h)anthracene	27.11	278	246	0.030	ng	#	66
39) Benzo(g,h,i)perylene	27.96	276	718	0.083	ng	#	69

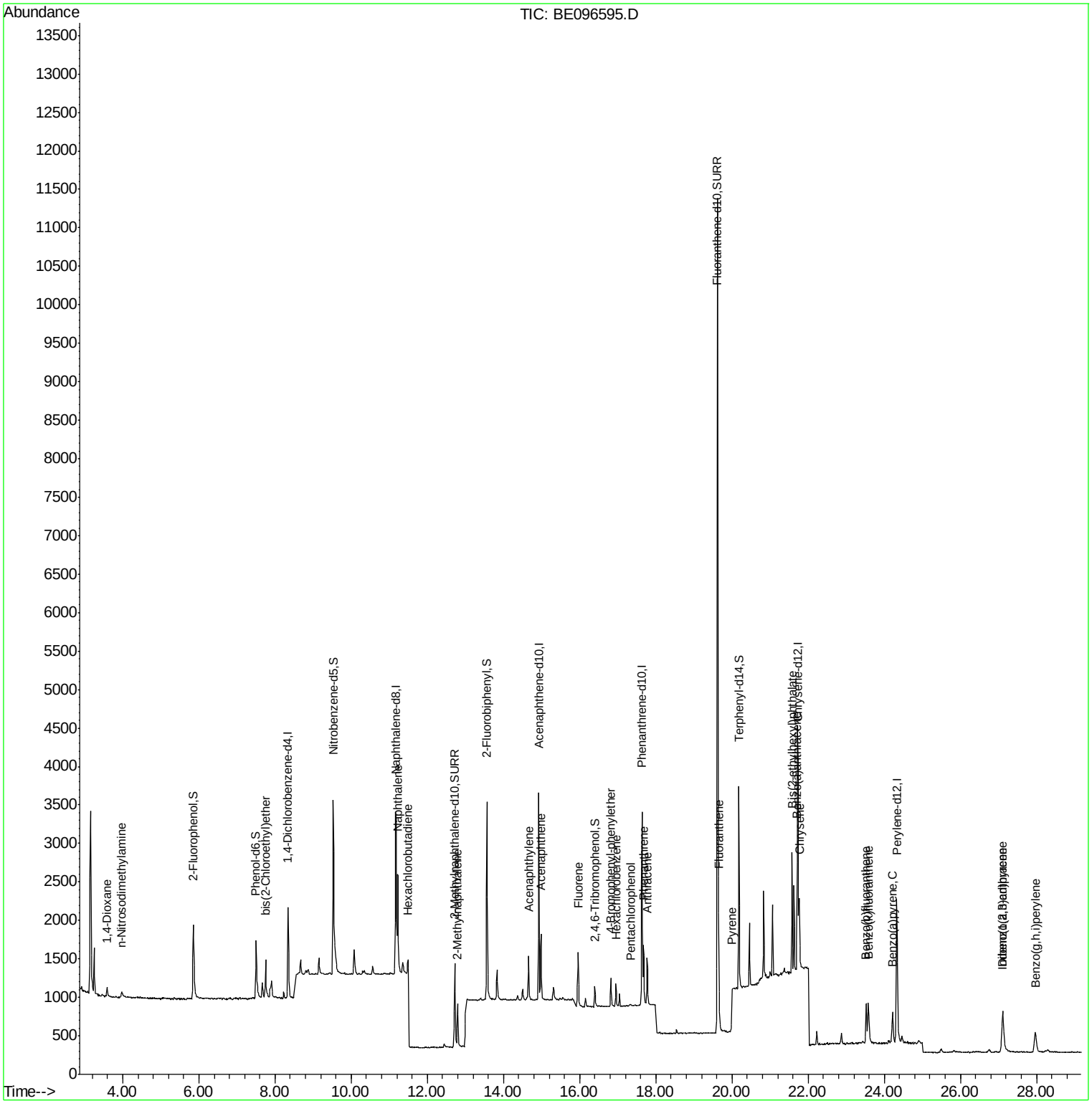
(#) = qualifier out of range (m) = manual integration (+) = signals summed

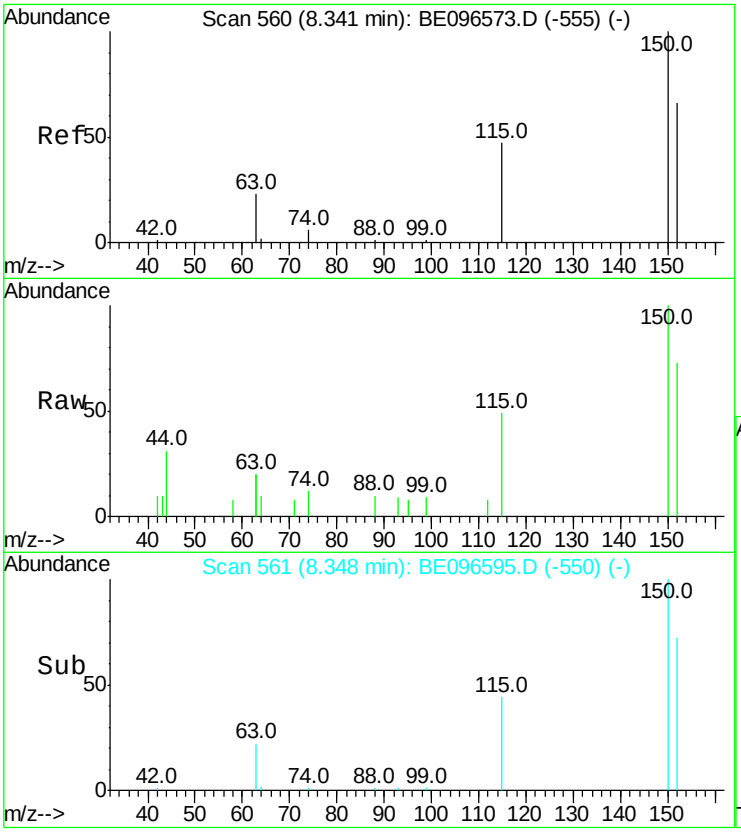
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE051618\
Data File : BE096595.D
Acq On : 16 May 2018 16:07
Operator : SJ/JU
Sample : J2133-07
Misc : LOD 0.1
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: May 17 03:56:09 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



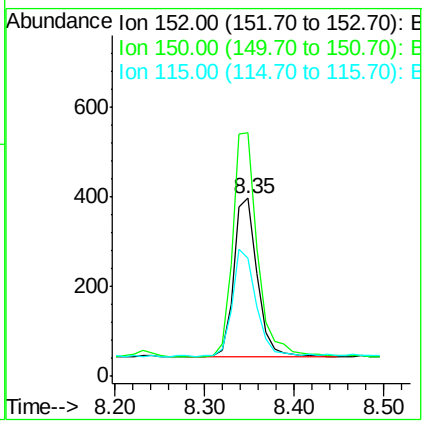


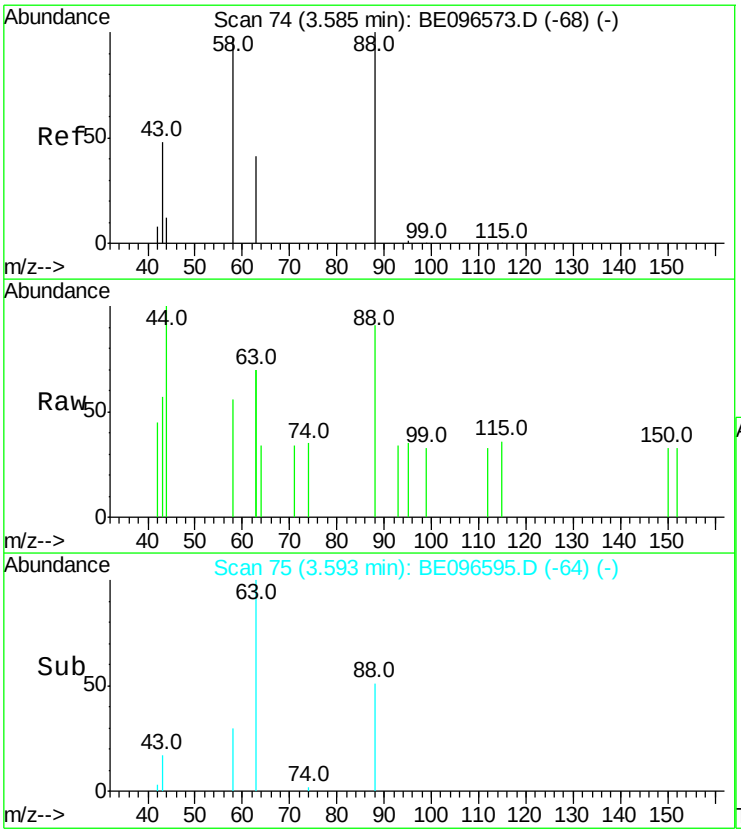
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.35 min Scan# 561
Delta R.T. 0.01 min
Lab File: BE096595.D
Acq: 16 May 2018 16:07

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 658

Ion	Ratio	Lower	Upper
152	100		
150	136.5	117.2	175.8
115	66.2	57.0	85.6

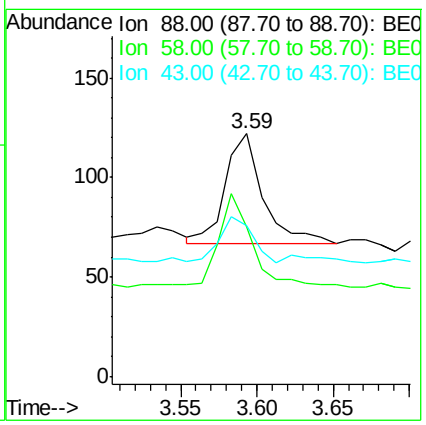


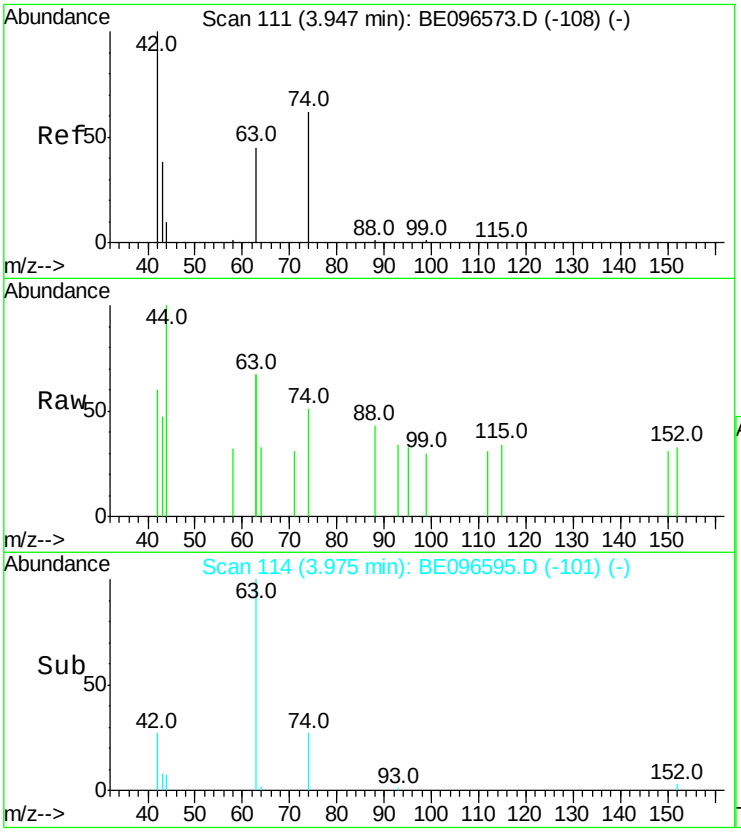


#2
1,4-Dioxane
Concen: 0.096 ng
RT: 3.59 min Scan# 75
Delta R.T. 0.01 min
Lab File: BE096595.D
Acq: 16 May 2018 16:07

Tgt Ion: 88 Resp: 95

Ion	Ratio	Lower	Upper
88	100		
58	76.8	63.2	94.8
43	40.0	41.2	61.8#



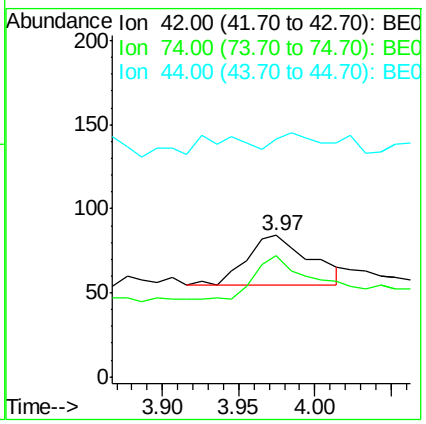


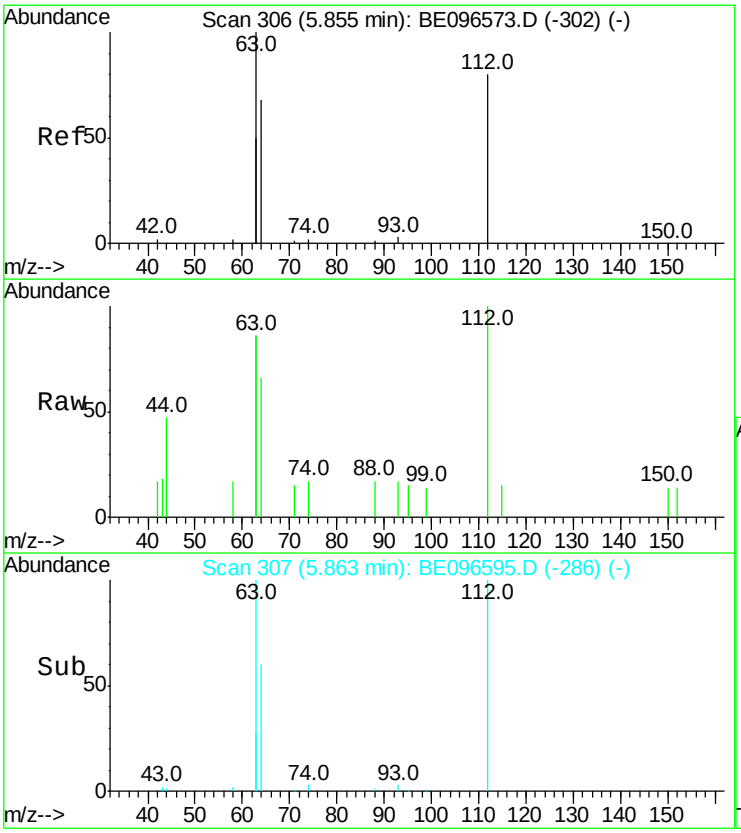
#3
n-Nitrosodimethylamine
Concen: 0.067 ng
RT: 3.97 min Scan# 114
Delta R.T. 0.03 min
Lab File: BE096595.D
Acq: 16 May 2018 16:07

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 42 Resp: 83

Ion	Ratio	Lower	Upper
42	100		
74	78.3	96.0	144.0#
44	19.3	12.0	18.0#

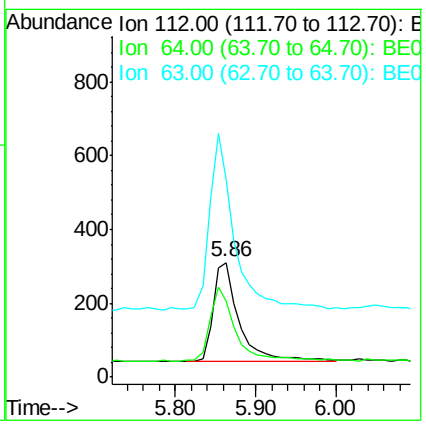


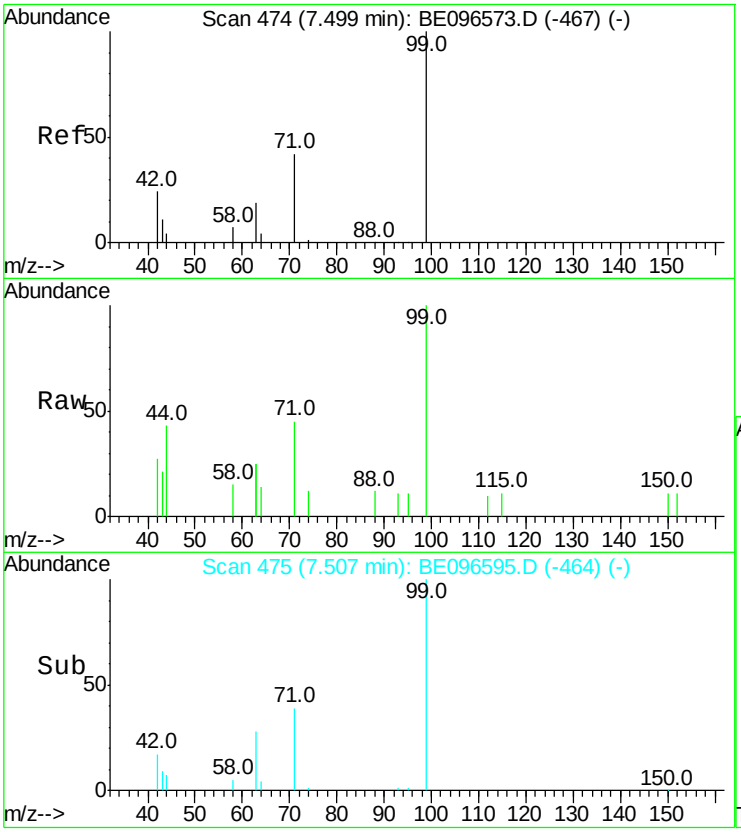


#4
2-Fluorophenol
Concen: 0.333 ng
RT: 5.86 min Scan# 307
Delta R.T. 0.01 min
Lab File: BE096595.D
Acq: 16 May 2018 16:07

Tgt Ion:112 Resp: 605

Ion	Ratio	Lower	Upper
112	100		
64	74.9	60.1	90.1
63	173.2	116.8	175.2



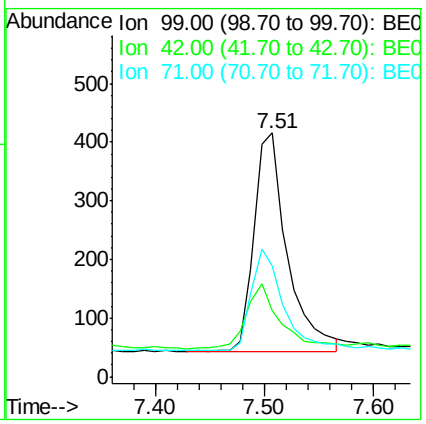


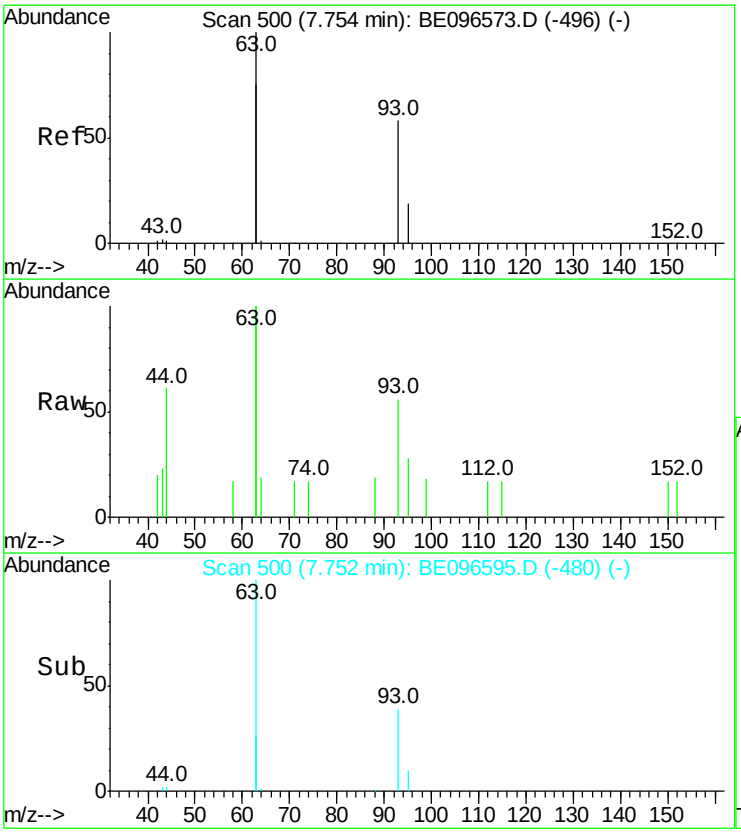
#5
Phenol-d6
Concen: 0.309 ng
RT: 7.51 min Scan# 475
Delta R.T. 0.01 min
Lab File: BE096595.D
Acq: 16 May 2018 16:07

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 99 Resp: 793

Ion	Ratio	Lower	Upper
99	100		
42	30.1	20.2	30.2
71	45.3	28.4	42.6#

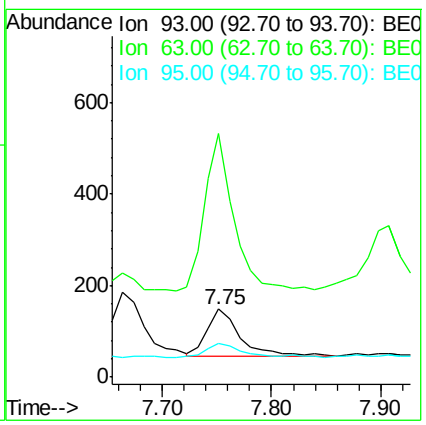


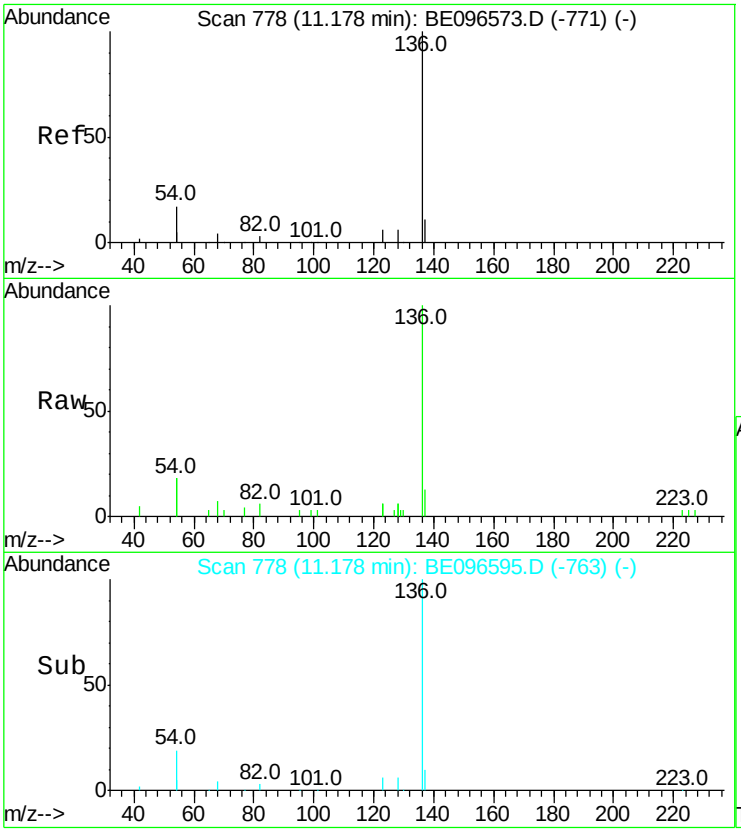


#6
bis(2-Chloroethyl)ether
Concen: 0.090 ng
RT: 7.75 min Scan# 500
Delta R.T. -0.00 min
Lab File: BE096595.D
Acq: 16 May 2018 16:07

Tgt Ion: 93 Resp: 216

Ion	Ratio	Lower	Upper
93	100		
63	293.5	275.3	412.9
95	30.6	25.2	37.8



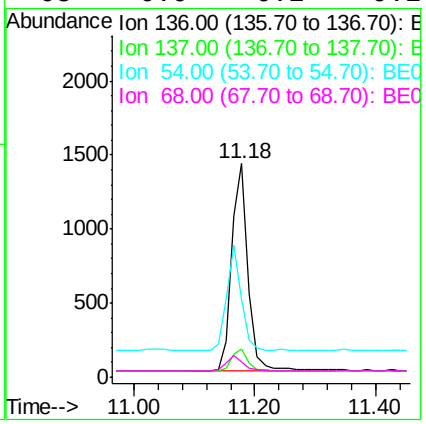


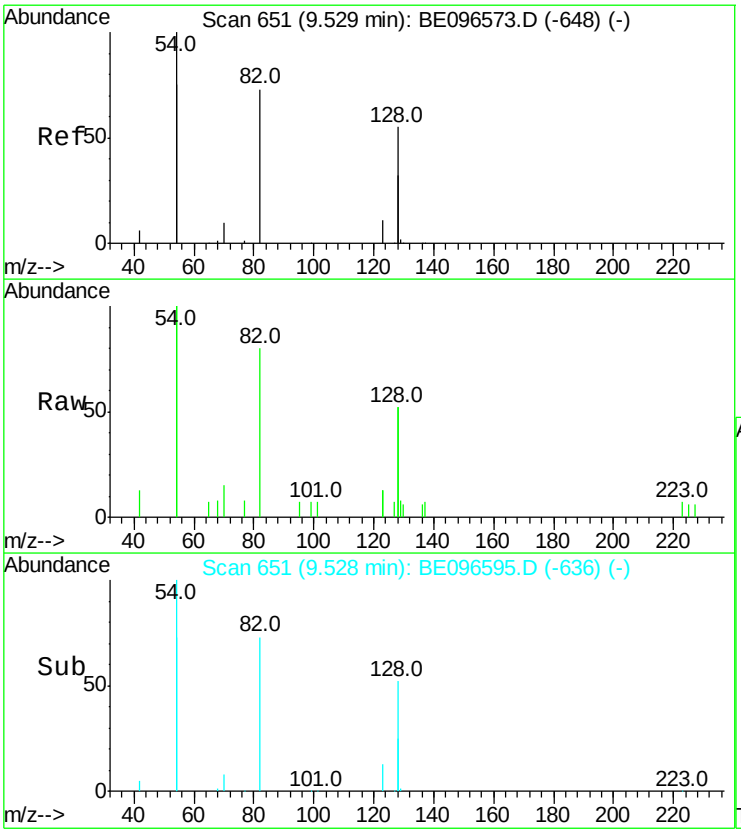
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 11.18 min Scan# 778
Delta R.T. -0.00 min
Lab File: BE096595.D
Acq: 16 May 2018 16:07

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:136 Resp: 2661

Ion	Ratio	Lower	Upper
136	100		
137	13.0	9.5	14.3
54	36.3	29.1	43.7
68	6.9	6.2	9.2

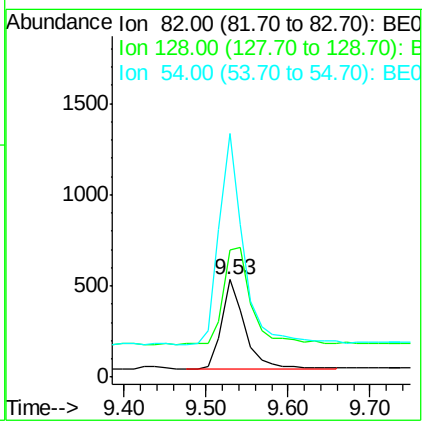


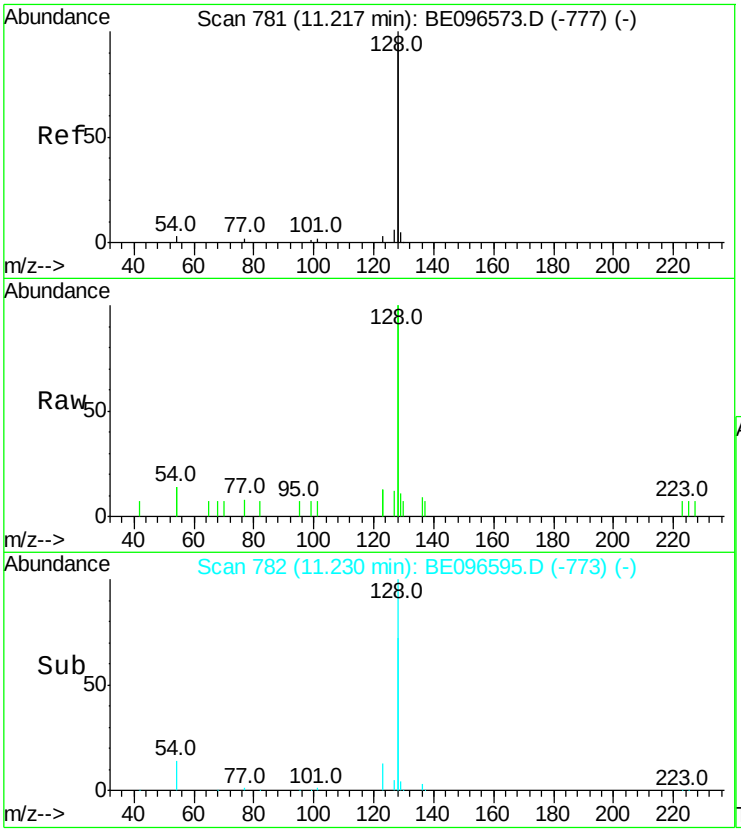


#8
Nitrobenzene-d5
Concen: 0.344 ng
RT: 9.53 min Scan# 651
Delta R.T. -0.00 min
Lab File: BE096595.D
Acq: 16 May 2018 16:07

Tgt Ion: 82 Resp: 974

Ion	Ratio	Lower	Upper
82	100		
128	130.3	150.0	225.0#
54	250.2	154.2	231.4#



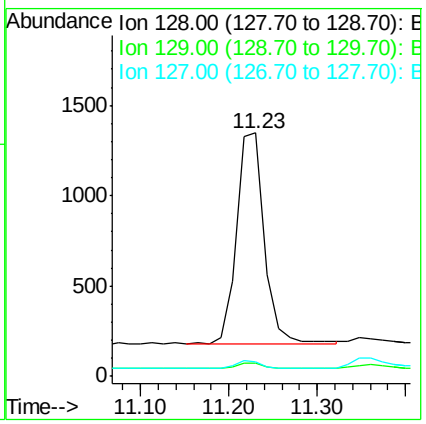


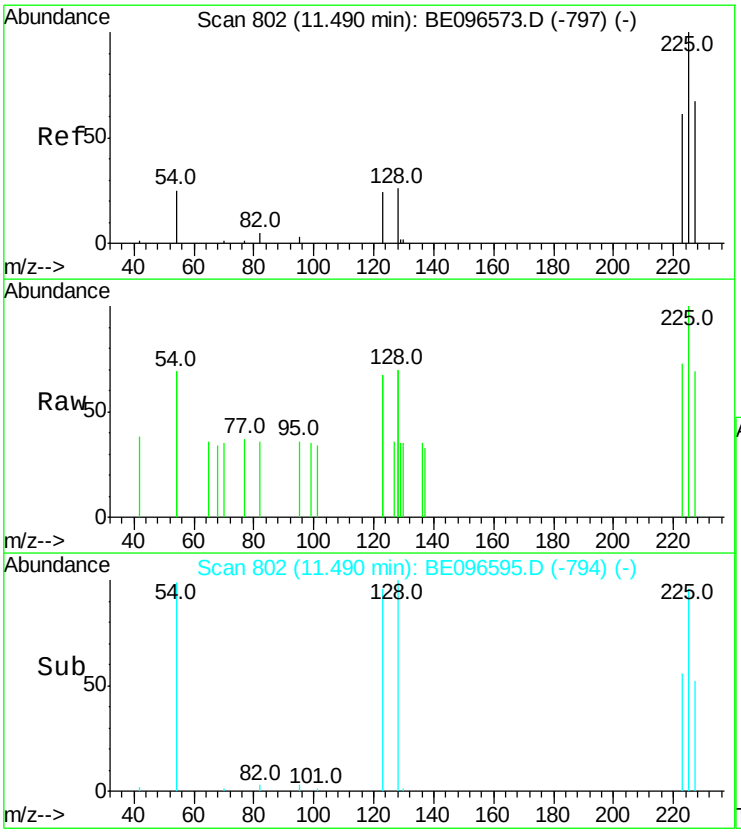
#9
Naphthalene
Concen: 0.092 ng
RT: 11.23 min Scan# 782
Delta R.T. 0.01 min
Lab File: BE096595.D
Acq: 16 May 2018 16:07

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:128 Resp: 2568

Ion	Ratio	Lower	Upper
128	100		
129	5.4	2.6	3.8#
127	5.9	2.8	4.2#

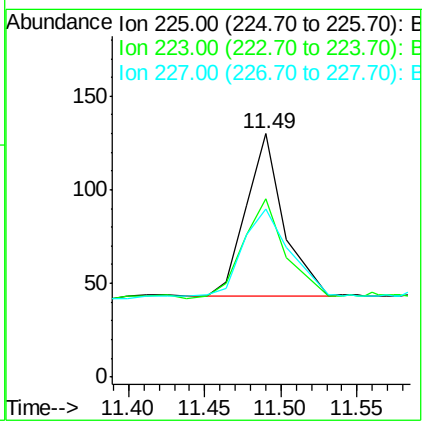


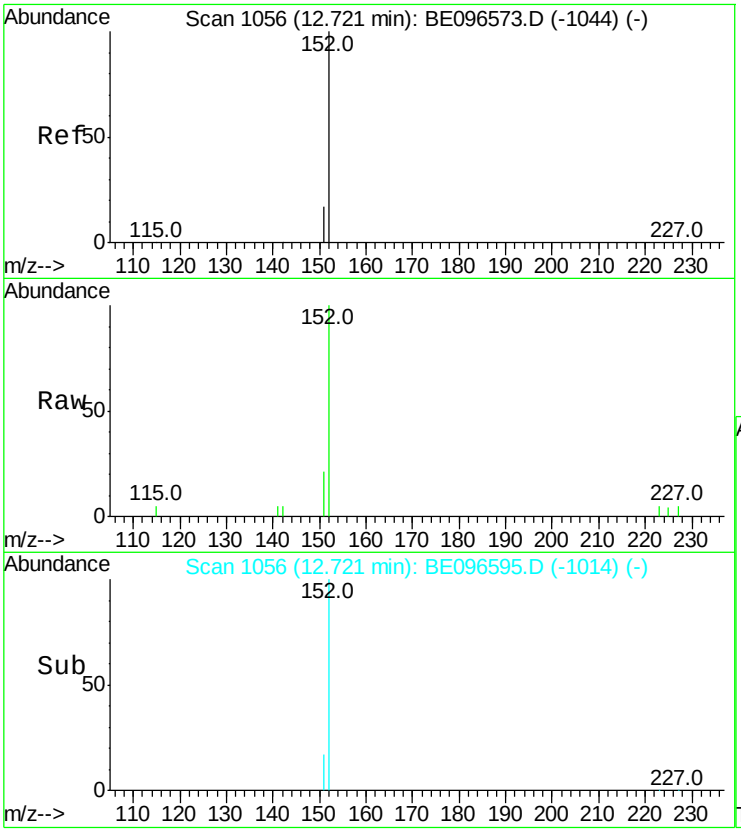


#10
Hexachlorobutadiene
Concen: 0.094 ng
RT: 11.49 min Scan# 802
Delta R.T. -0.00 min
Lab File: BE096595.D
Acq: 16 May 2018 16:07

Tgt Ion:225 Resp: 147

Ion	Ratio	Lower	Upper
225	100		
223	68.7	53.0	79.6
227	50.3	51.4	77.2#



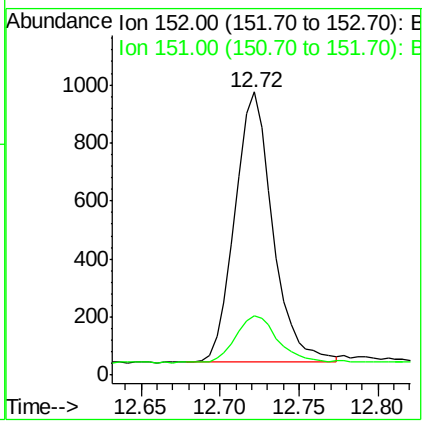


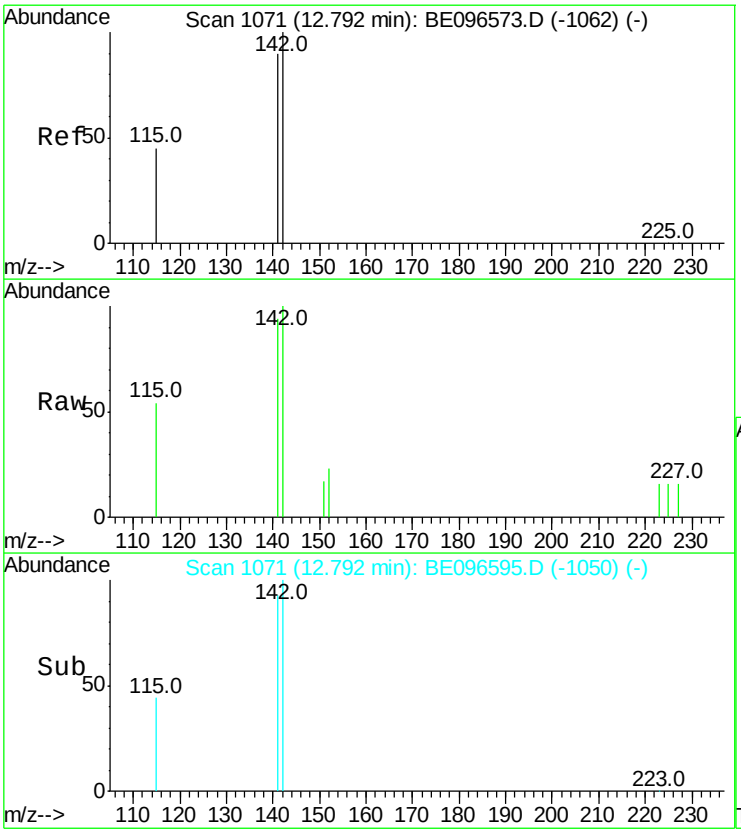
#11
2-Methylnaphthalene-d10
Concen: 0.358 ng
RT: 12.72 min Scan# 1056
Delta R.T. -0.00 min
Lab File: BE096595.D
Acq: 16 May 2018 16:07

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 1554

Ion	Ratio	Lower	Upper
152	100		
151	19.8	15.4	23.0

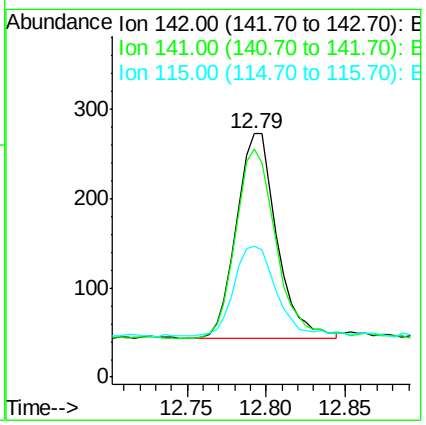


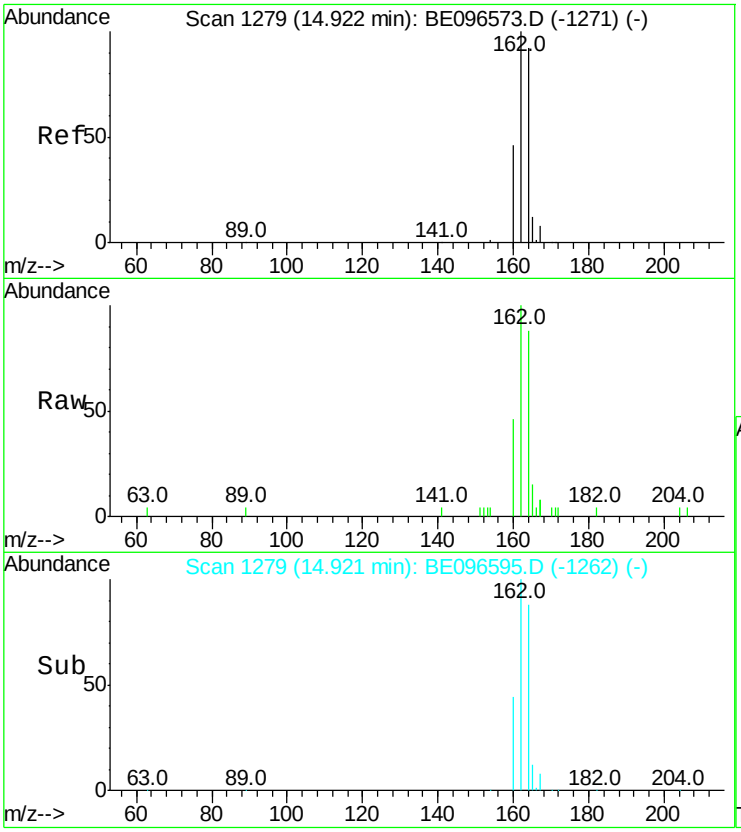


#12
2-Methylnaphthalene
Concen: 0.086 ng
RT: 12.79 min Scan# 1071
Delta R.T. -0.00 min
Lab File: BE096595.D
Acq: 16 May 2018 16:07

Tgt Ion:142 Resp: 412

Ion	Ratio	Lower	Upper
142	100		
141	93.8	70.4	105.6
115	53.8	31.7	47.5#



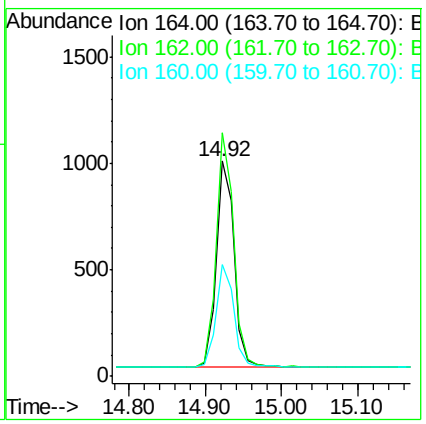


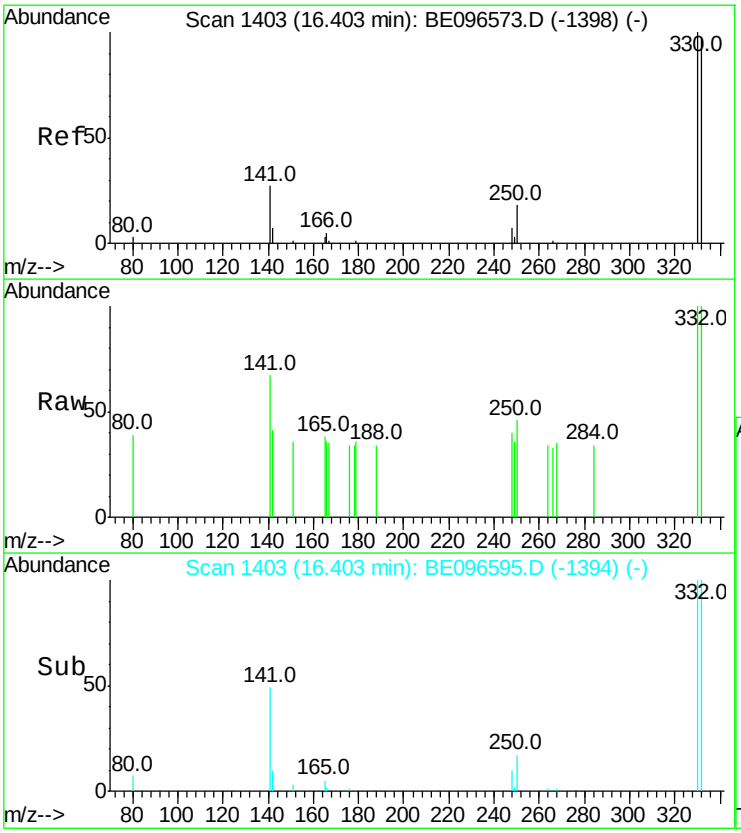
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.92 min Scan# 1279
Delta R.T. -0.00 min
Lab File: BE096595.D
Acq: 16 May 2018 16:07

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:164 Resp: 1589

Ion	Ratio	Lower	Upper
164	100		
162	113.1	83.1	124.7
160	51.9	37.1	55.7

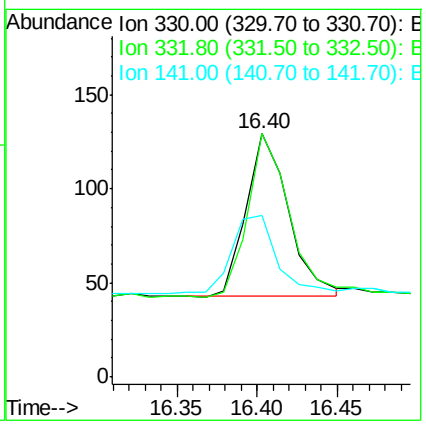


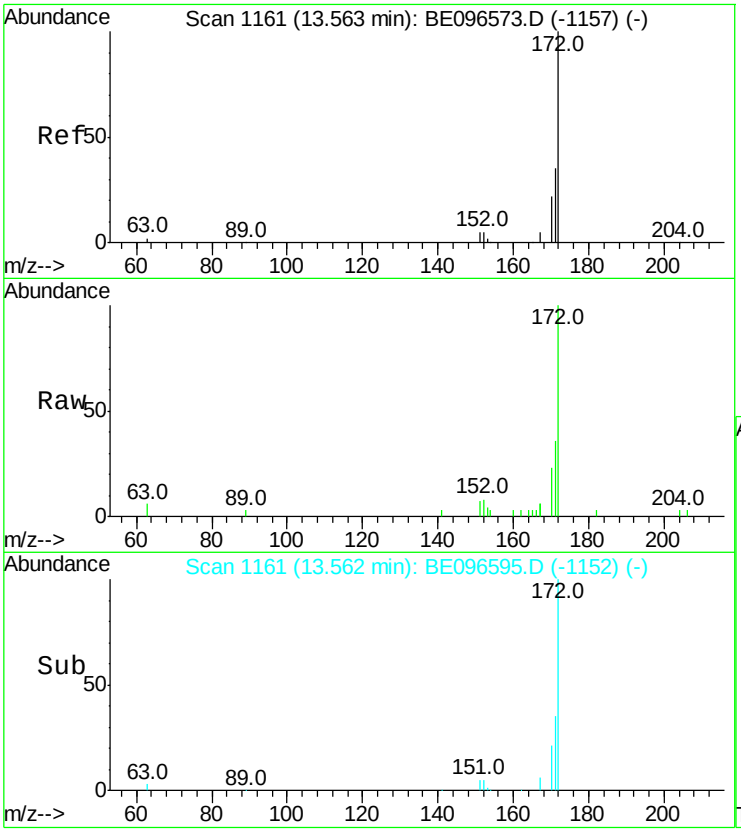


#14
2,4,6-Tribromophenol
Concen: 0.252 ng
RT: 16.40 min Scan# 1403
Delta R.T. 0.00 min
Lab File: BE096595.D
Acq: 16 May 2018 16:07

Tgt Ion:330 Resp: 158

Ion	Ratio	Lower	Upper
330	100		
332	96.8	152.7	229.1#
141	52.5	33.7	50.5#



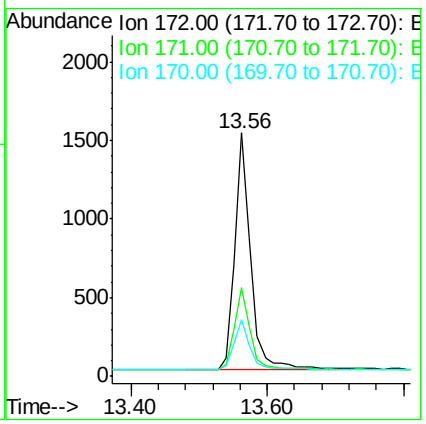


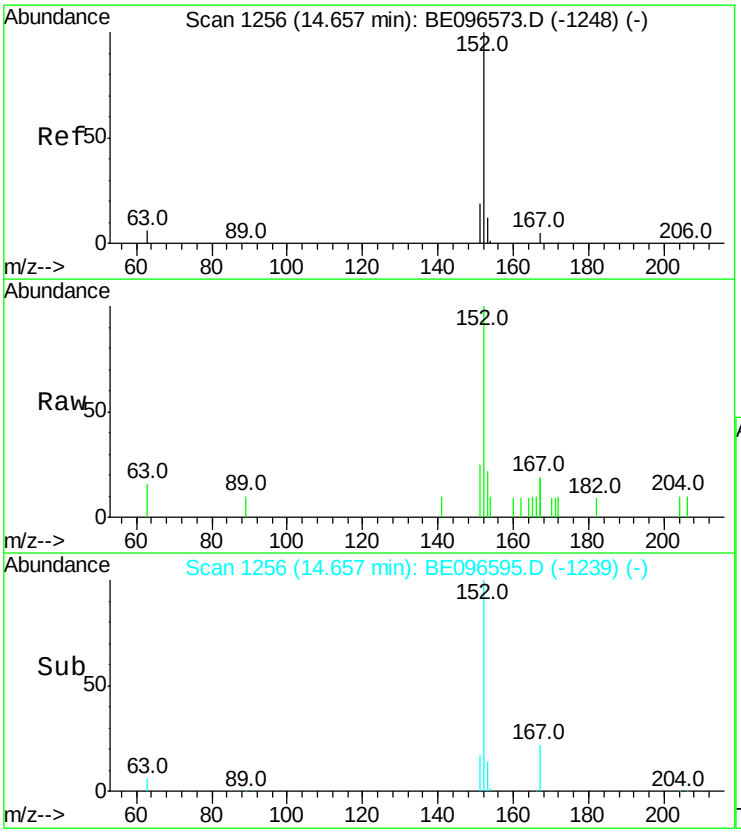
#15
2-Fluorobiphenyl
Concen: 0.361 ng
RT: 13.56 min Scan# 1161
Delta R.T. -0.00 min
Lab File: BE096595.D
Acq: 16 May 2018 16:07

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:172 Resp: 2460

Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.9	44.9
170	23.3	21.8	32.8

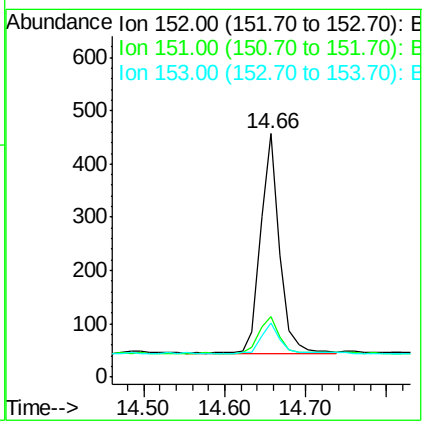


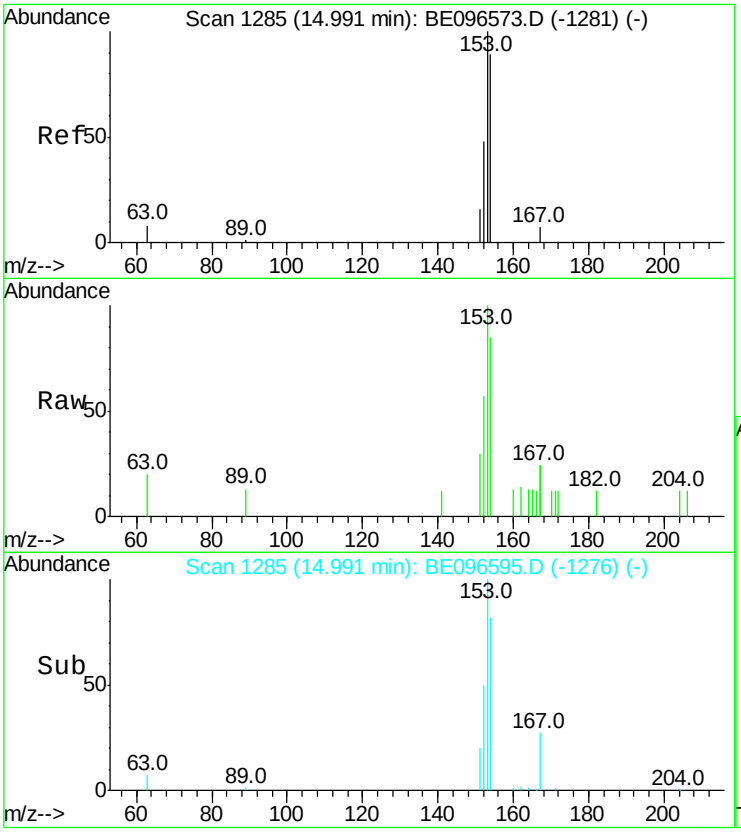


#16
Acenaphthylene
Concen: 0.082 ng
RT: 14.66 min Scan# 1256
Delta R.T. -0.00 min
Lab File: BE096595.D
Acq: 16 May 2018 16:07

Tgt Ion:152 Resp: 681

Ion	Ratio	Lower	Upper
152	100		
151	17.3	15.7	23.5
153	13.4	10.5	15.7



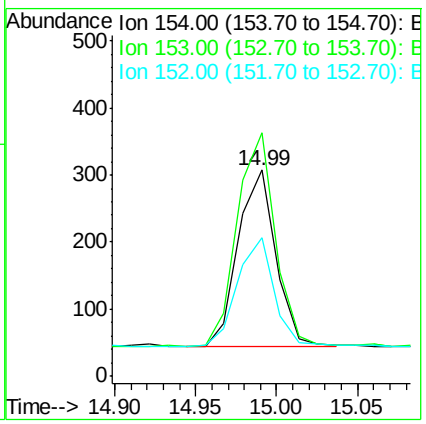


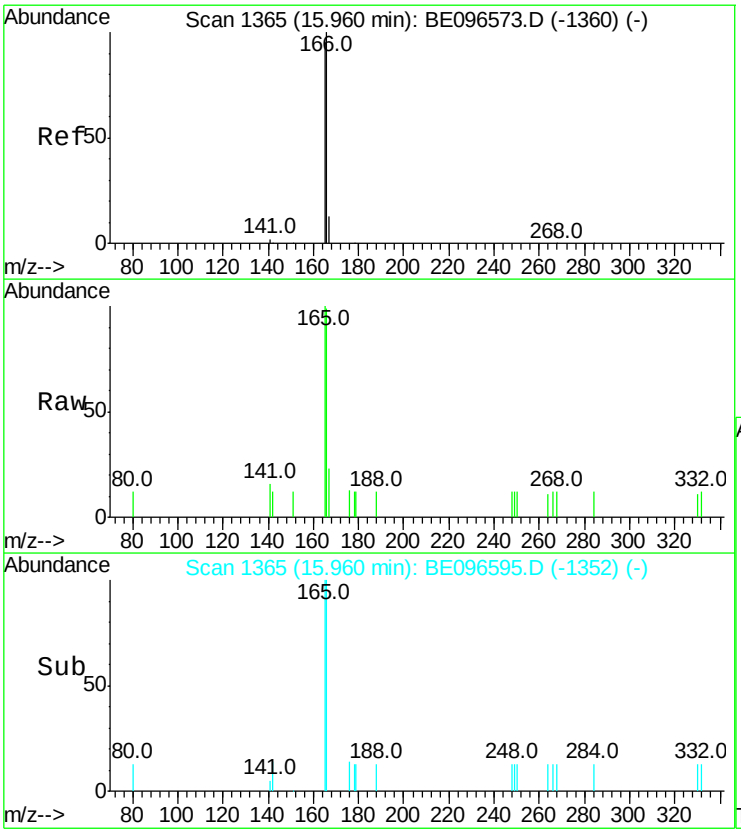
#17
Acenaphthene
Concen: 0.084 ng
RT: 14.99 min Scan# 1285
Delta R.T. -0.00 min
Lab File: BE096595.D
Acq: 16 May 2018 16:07

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:154 Resp: 426

Ion	Ratio	Lower	Upper
154	100		
153	122.8	89.2	133.8
152	61.7	42.0	63.0

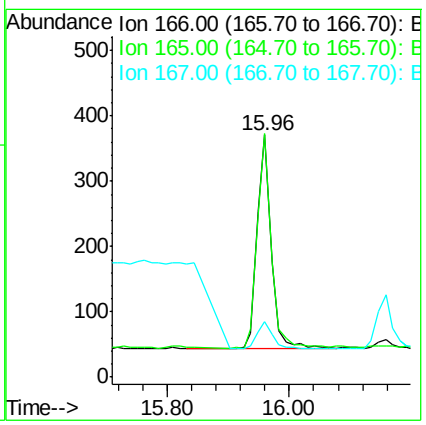


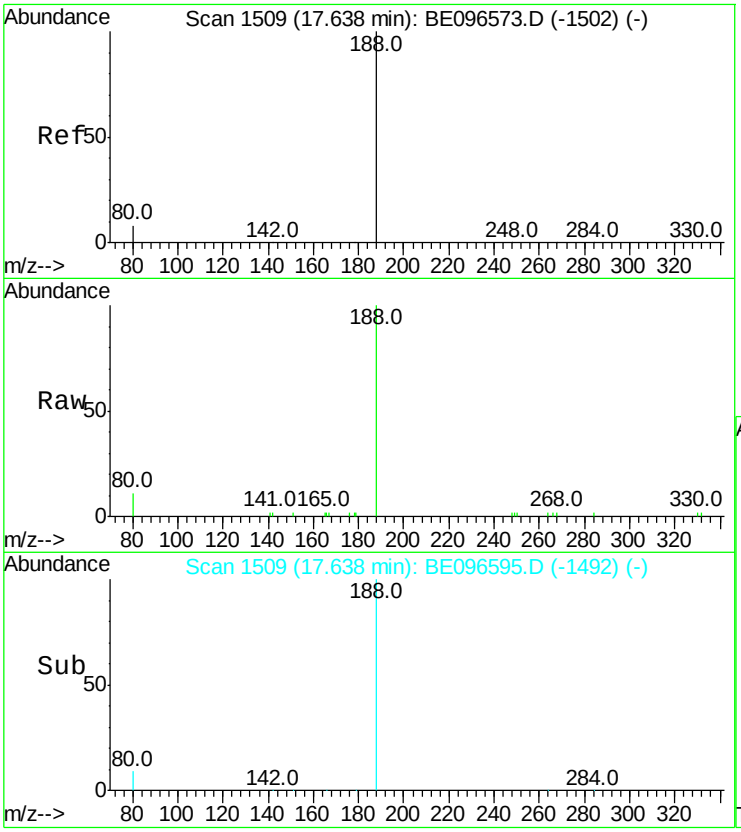


#18
Fluorene
Concen: 0.105 ng
RT: 15.96 min Scan# 1365
Delta R.T. -0.00 min
Lab File: BE096595.D
Acq: 16 May 2018 16:07

Tgt Ion:166 Resp: 663

Ion	Ratio	Lower	Upper
166	100		
165	80.4	77.8	116.6
167	11.5	42.4	63.6#



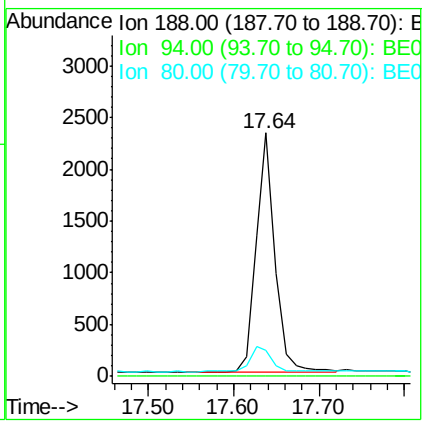


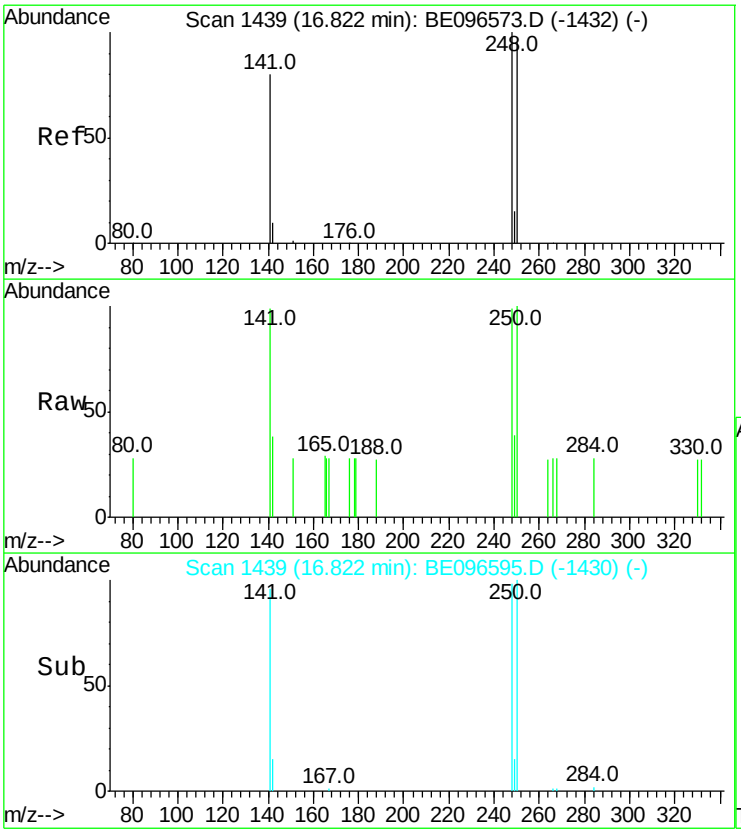
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.64 min Scan# 1509
Delta R.T. -0.00 min
Lab File: BE096595.D
Acq: 16 May 2018 16:07

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:188 Resp: 3544

Ion	Ratio	Lower	Upper
188	100		
94	0.0	3.9	5.9#
80	10.7	3.6	5.4#

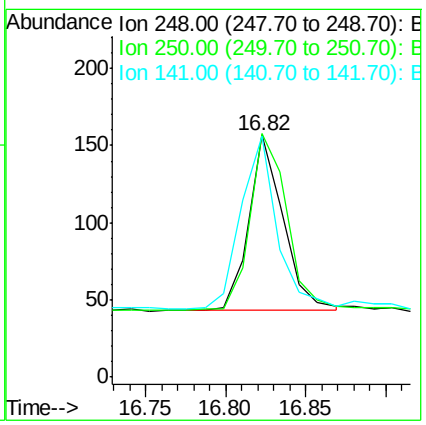


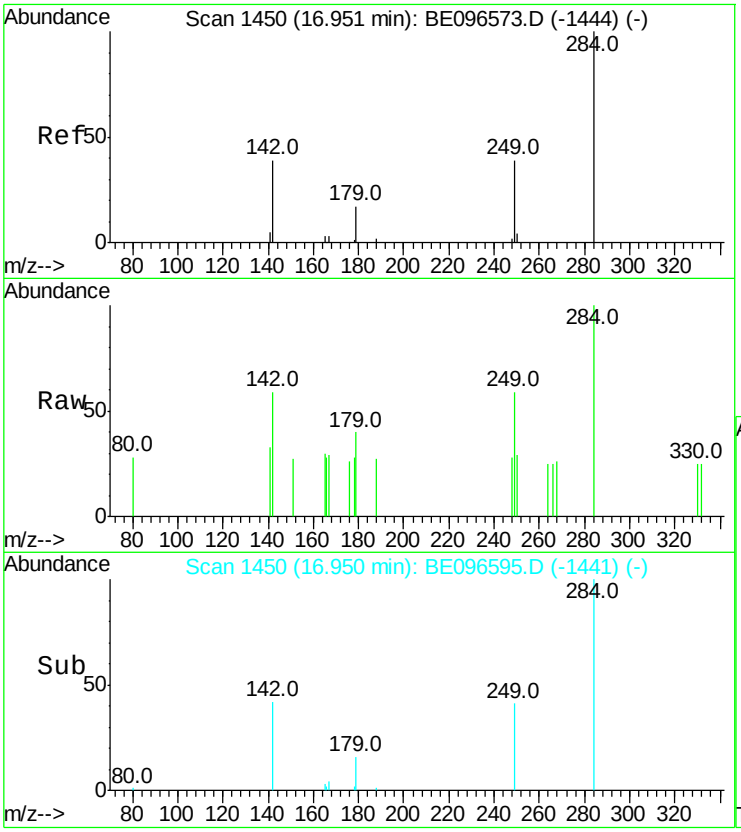


#20
4-Bromophenyl-phenylether
Concen: 0.079 ng
RT: 16.82 min Scan# 1439
Delta R.T. -0.00 min
Lab File: BE096595.D
Acq: 16 May 2018 16:07

Tgt Ion:248 Resp: 170

Ion	Ratio	Lower	Upper
248	100		
250	100.6	62.7	94.1#
141	99.4	48.2	72.2#



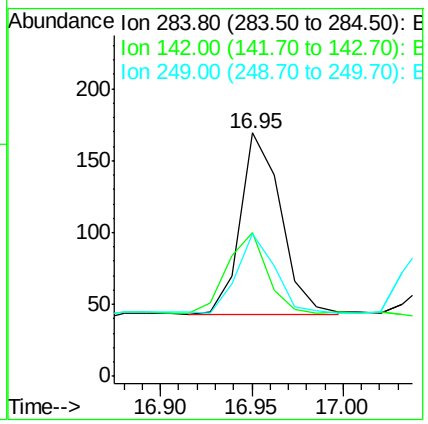


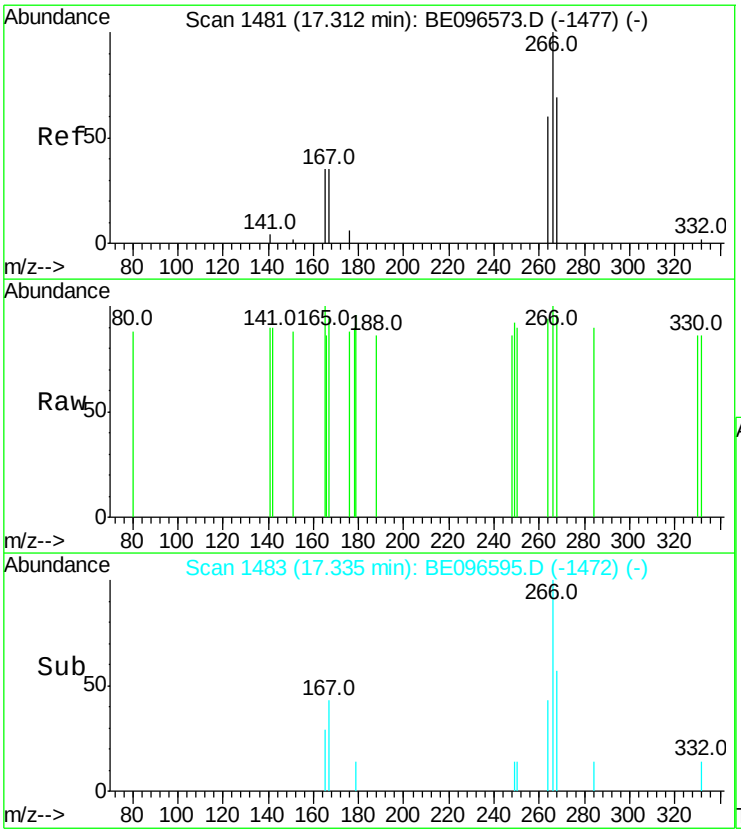
#21
Hexachlorobenzene
Concen: 0.088 ng
RT: 16.95 min Scan# 1450
Delta R.T. -0.00 min
Lab File: BE096595.D
Acq: 16 May 2018 16:07

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:284 Resp: 197

Ion	Ratio	Lower	Upper
284	100		
142	43.7	22.1	33.1#
249	40.6	34.8	52.2

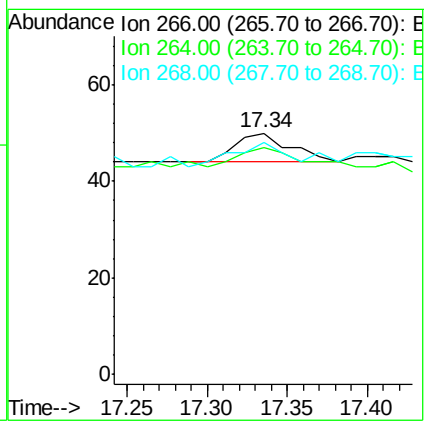


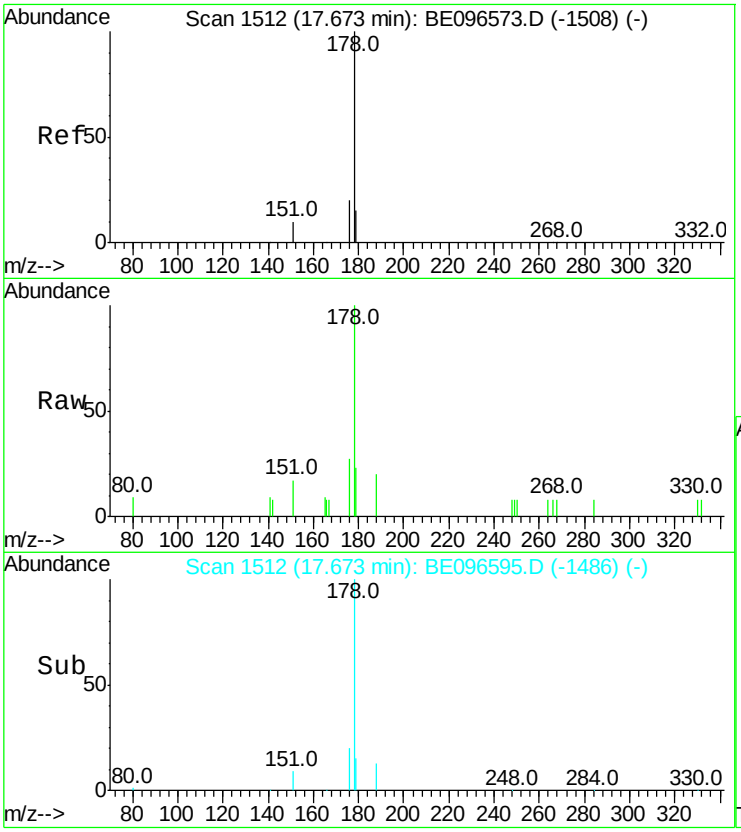


#22
Pentachlorophenol
Concen: 0.202 ng
RT: 17.34 min Scan# 1483
Delta R.T. 0.02 min
Lab File: BE096595.D
Acq: 16 May 2018 16:07

Tgt Ion:266 Resp: 14

Ion	Ratio	Lower	Upper
266	100		
264	94.0	72.5	108.7
268	96.0	73.8	110.6



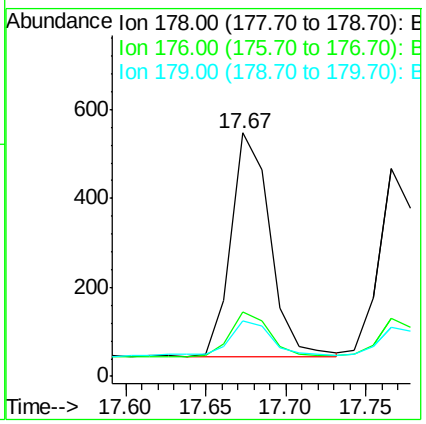


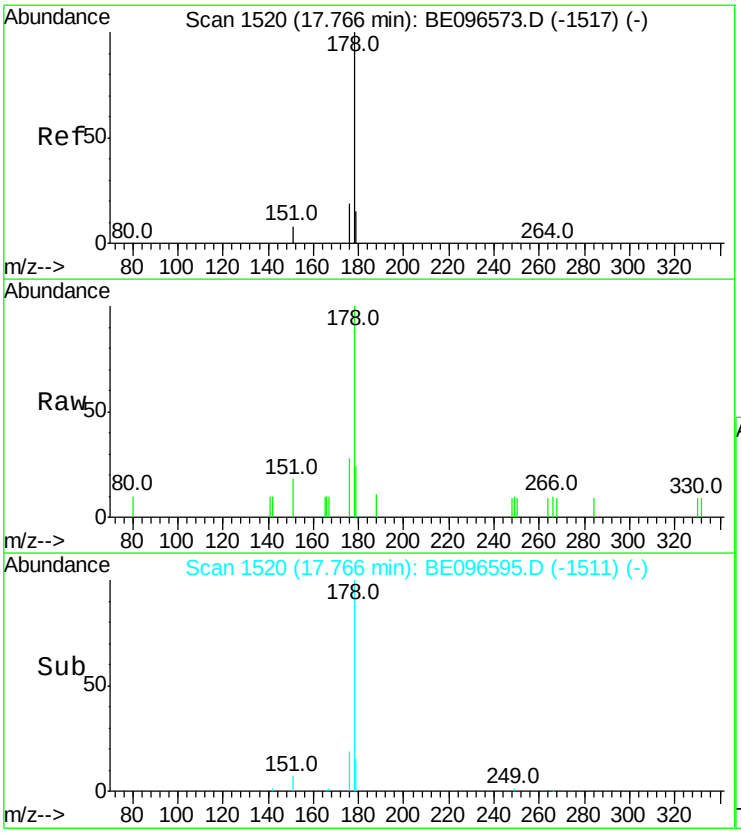
#23
Phenanthrene
Concen: 0.085 ng
RT: 17.67 min Scan# 1512
Delta R.T. -0.00 min
Lab File: BE096595.D
Acq: 16 May 2018 16:07

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 844

Ion	Ratio	Lower	Upper
178	100		
176	20.7	15.1	22.7
179	15.5	11.8	17.6

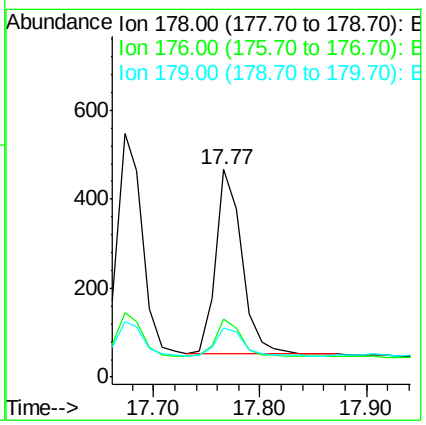


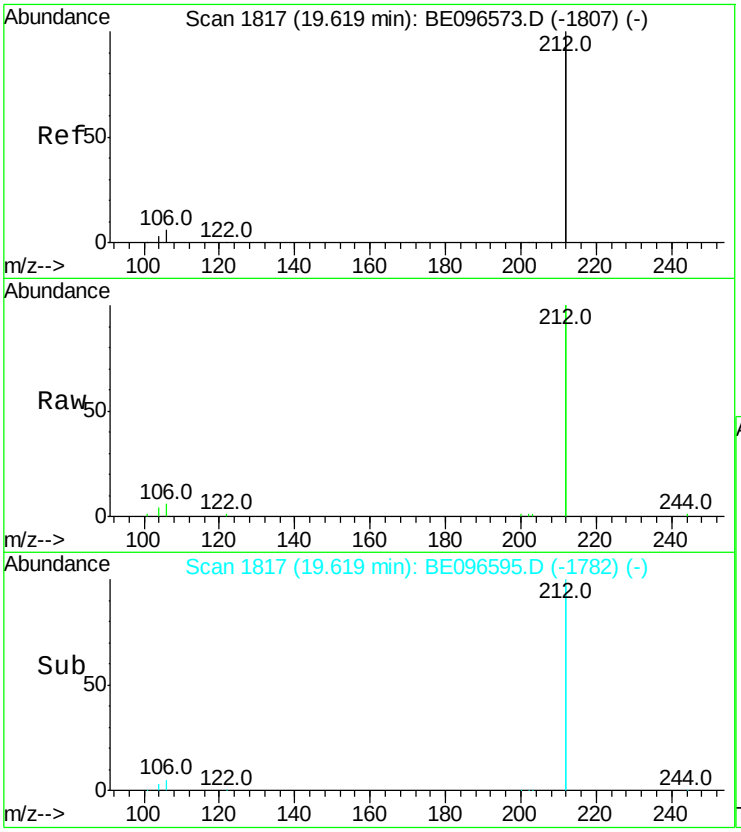


#24
Anthracene
Concen: 0.077 ng
RT: 17.77 min Scan# 1520
Delta R.T. -0.00 min
Lab File: BE096595.D
Acq: 16 May 2018 16:07

Tgt Ion:178 Resp: 712

Ion	Ratio	Lower	Upper
178	100		
176	19.7	12.8	19.2#
179	16.9	13.0	19.6



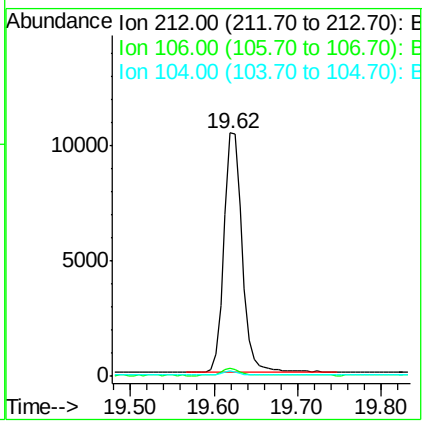


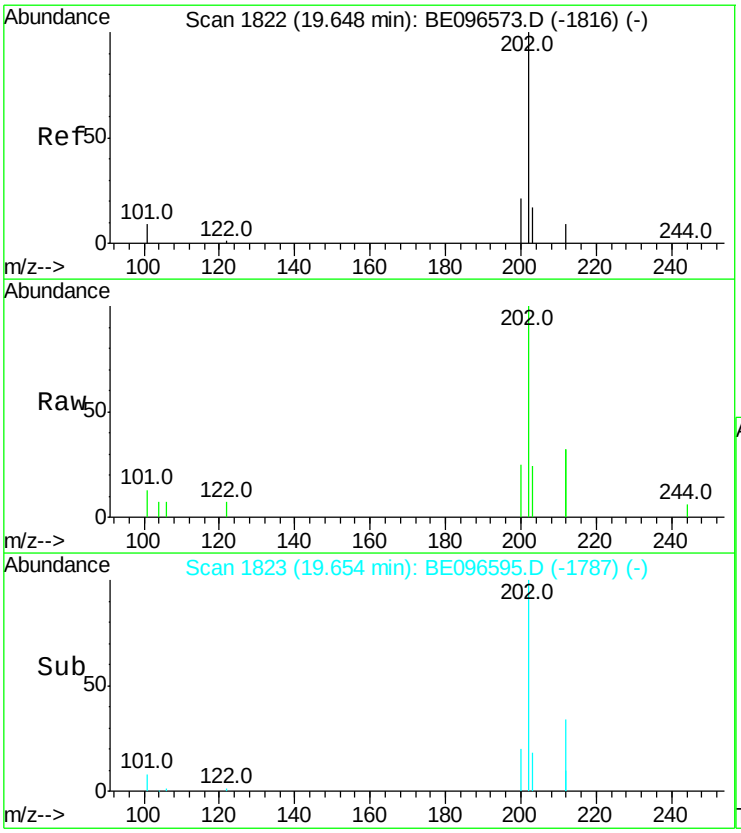
#25
Fluoranthene-d10
Concen: 0.363 ng
RT: 19.62 min Scan# 1817
Delta R.T. -0.00 min
Lab File: BE096595.D
Acq: 16 May 2018 16:07

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:212 Resp: 15722

Ion	Ratio	Lower	Upper
212	100		
106	2.7	2.8	4.2#
104	1.7	1.6	2.4

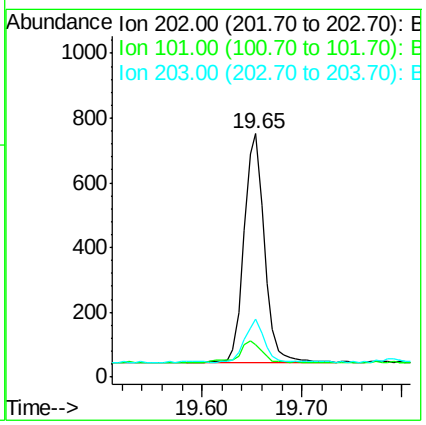


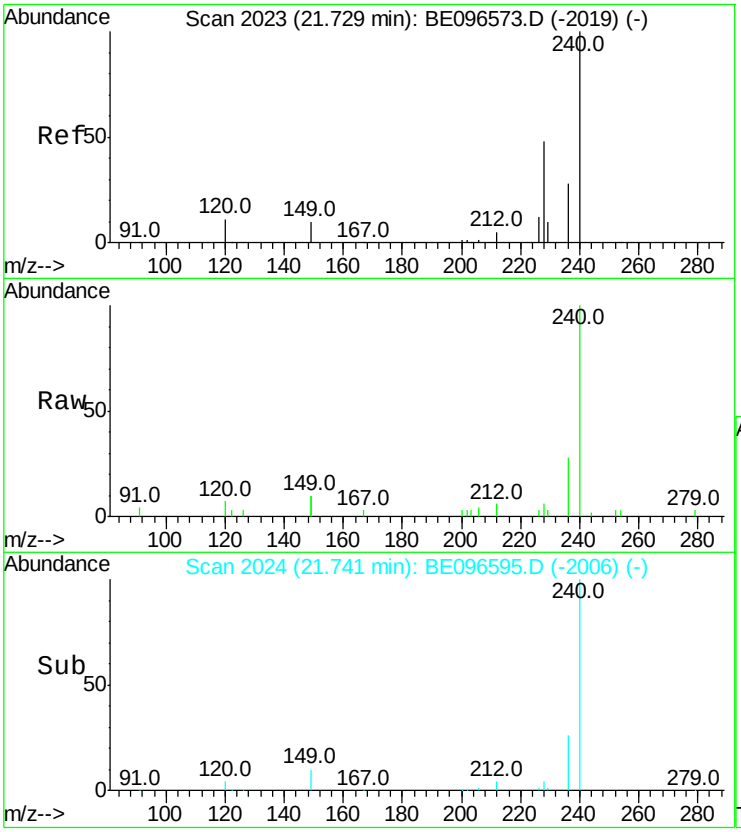


#26
Fluoranthene
Concen: 0.085 ng
RT: 19.65 min Scan# 1823
Delta R.T. 0.01 min
Lab File: BE096595.D
Acq: 16 May 2018 16:07

Tgt Ion:202 Resp: 1012

Ion	Ratio	Lower	Upper
202	100		
101	10.9	9.8	14.8
203	17.7	13.7	20.5



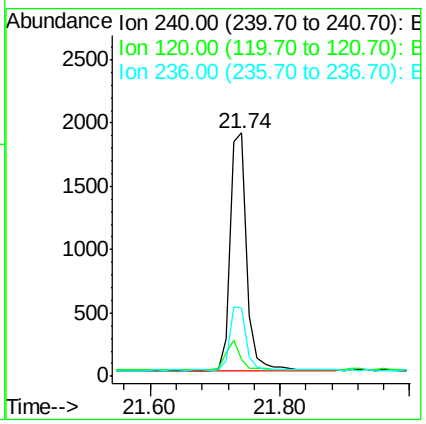


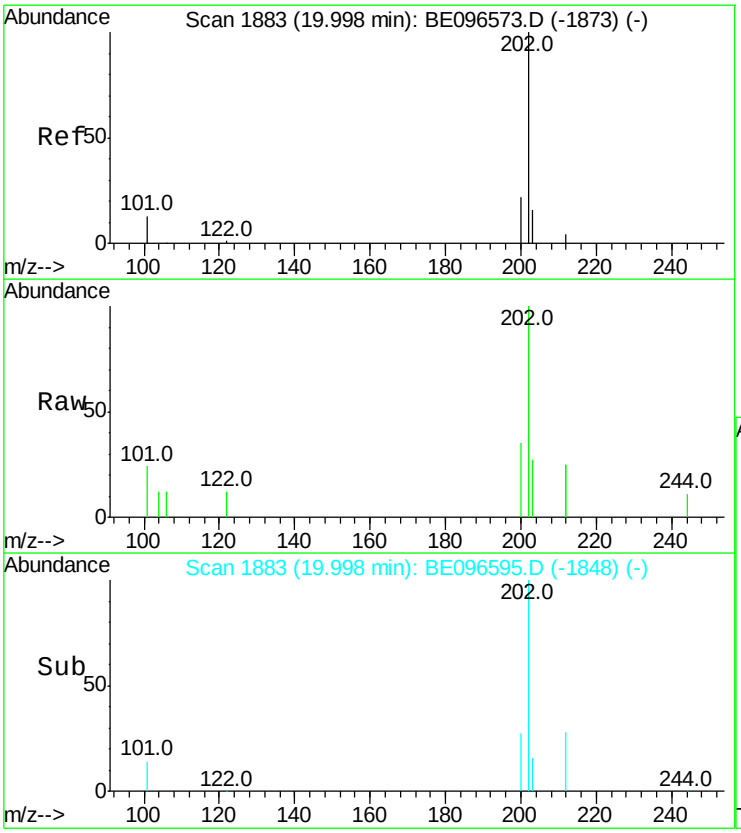
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.74 min Scan# 2024
Delta R.T. 0.01 min
Lab File: BE096595.D
Acq: 16 May 2018 16:07

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:240 Resp: 3387

Ion	Ratio	Lower	Upper
240	100		
120	7.0	5.5	8.3
236	27.9	20.7	31.1

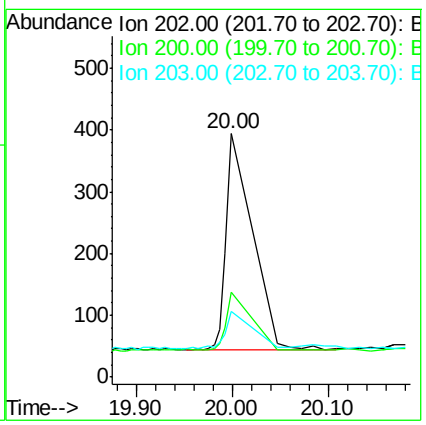


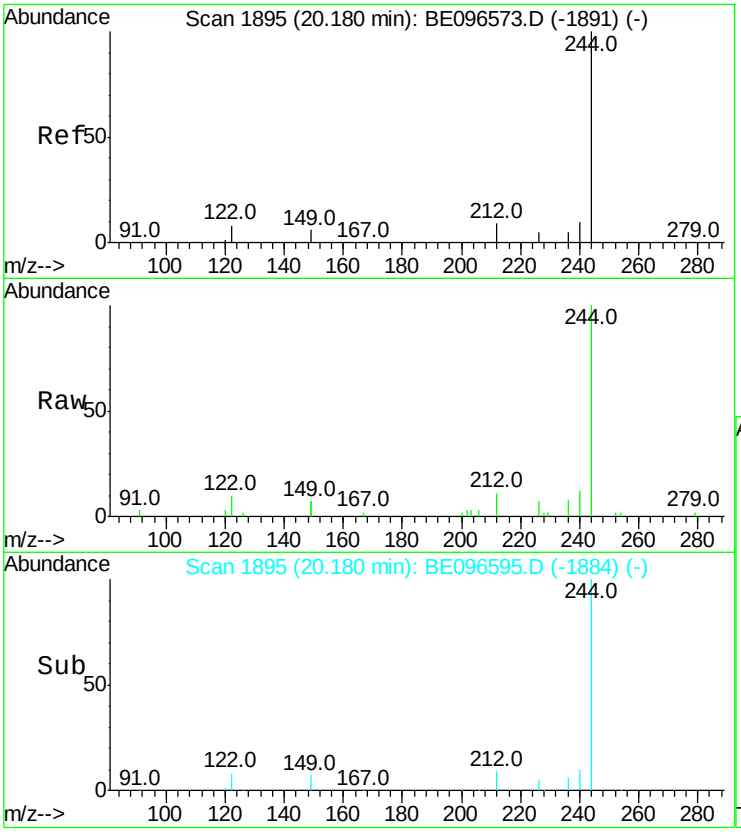


#28
Pyrene
Concen: 0.063 ng
RT: 20.00 min Scan# 1883
Delta R.T. -0.00 min
Lab File: BE096595.D
Acq: 16 May 2018 16:07

Tgt Ion:202 Resp: 388

Ion	Ratio	Lower	Upper
202	100		
200	28.6	16.6	25.0#
203	18.6	13.8	20.8



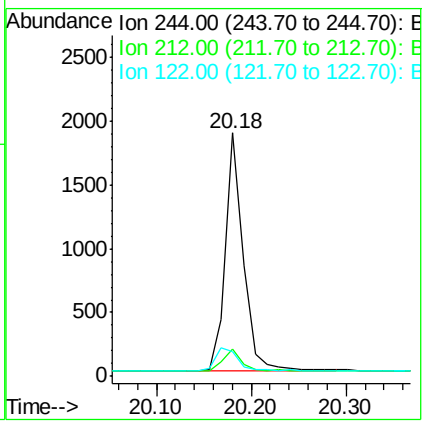


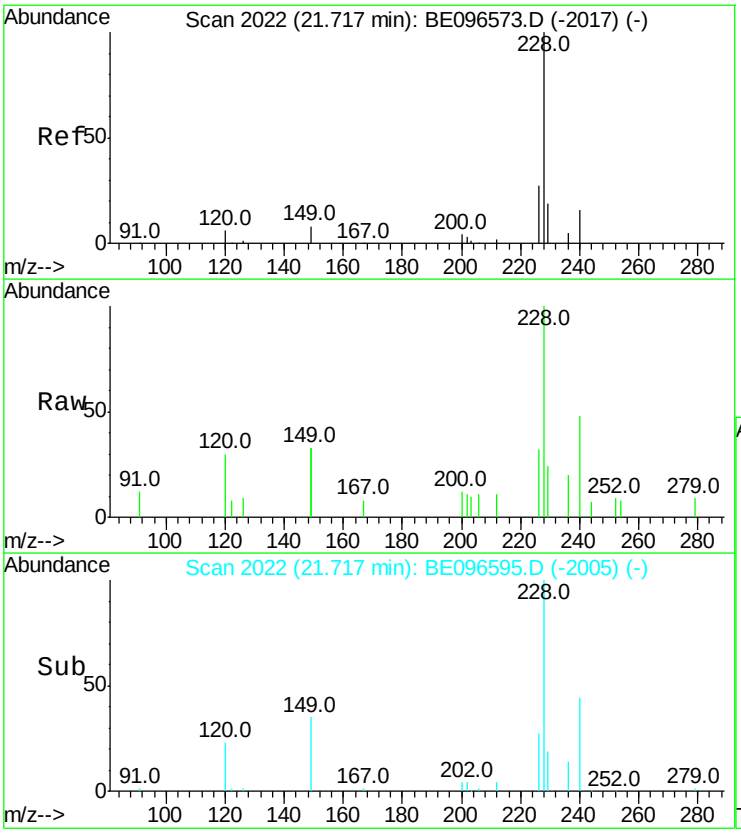
#29
Terphenyl-d14
Concen: 0.319 ng
RT: 20.18 min Scan# 1895
Delta R.T. 0.00 min
Lab File: BE096595.D
Acq: 16 May 2018 16:07

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:244 Resp: 2444

Ion	Ratio	Lower	Upper
244	100		
212	11.4	25.4	38.0#
122	10.3	8.1	12.1

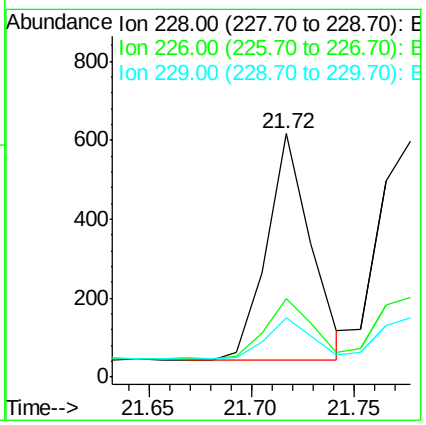


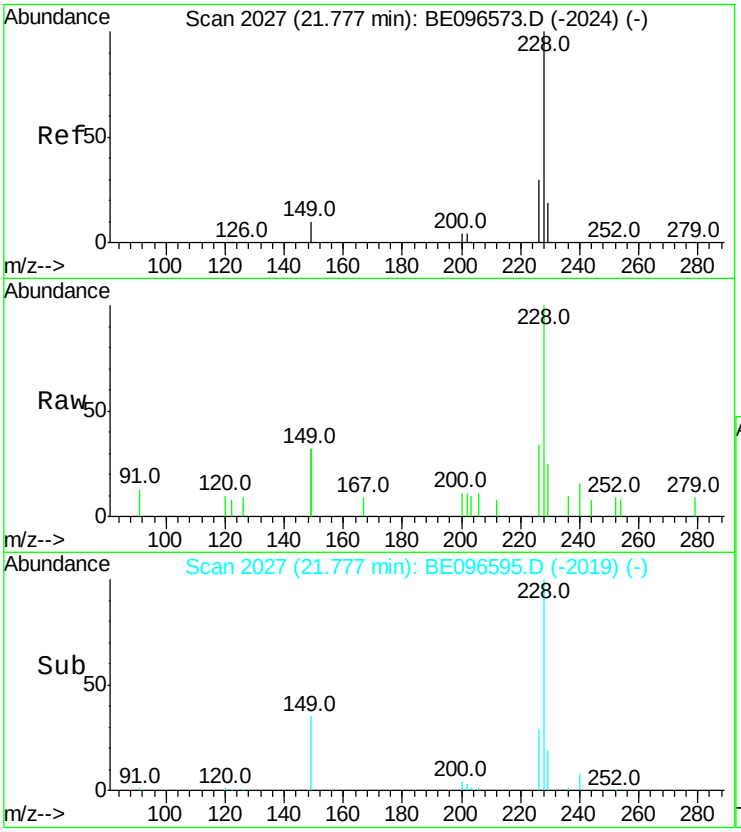


#30
Benzo(a)anthracene
Concen: 0.082 ng
RT: 21.72 min Scan# 2022
Delta R.T. 0.00 min
Lab File: BE096595.D
Acq: 16 May 2018 16:07

Tgt Ion:228 Resp: 856

Ion	Ratio	Lower	Upper
228	100		
226	32.3	24.0	36.0
229	24.5	16.0	24.0#



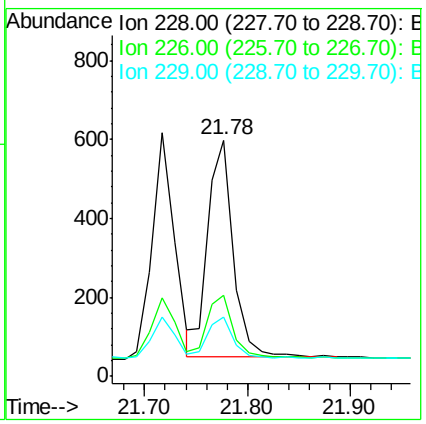


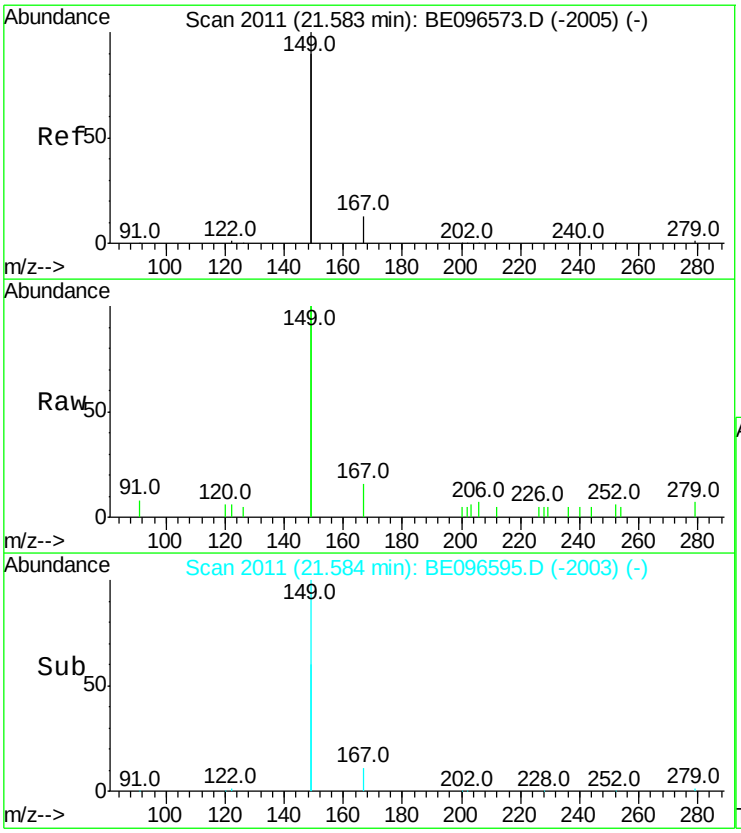
#31
Chrysene
Concen: 0.089 ng
RT: 21.78 min Scan# 2027
Delta R.T. 0.00 min
Lab File: BE096595.D
Acq: 16 May 2018 16:07

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 960

Ion	Ratio	Lower	Upper
228	100		
226	34.2	24.0	36.0
229	25.0	16.0	24.0#

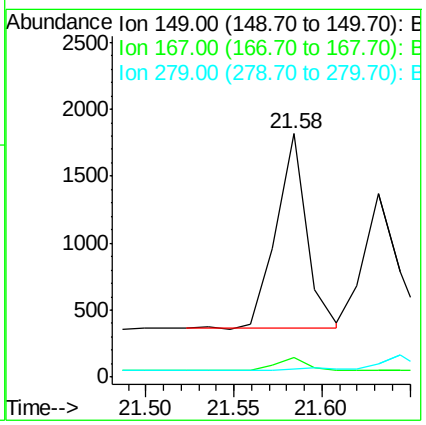


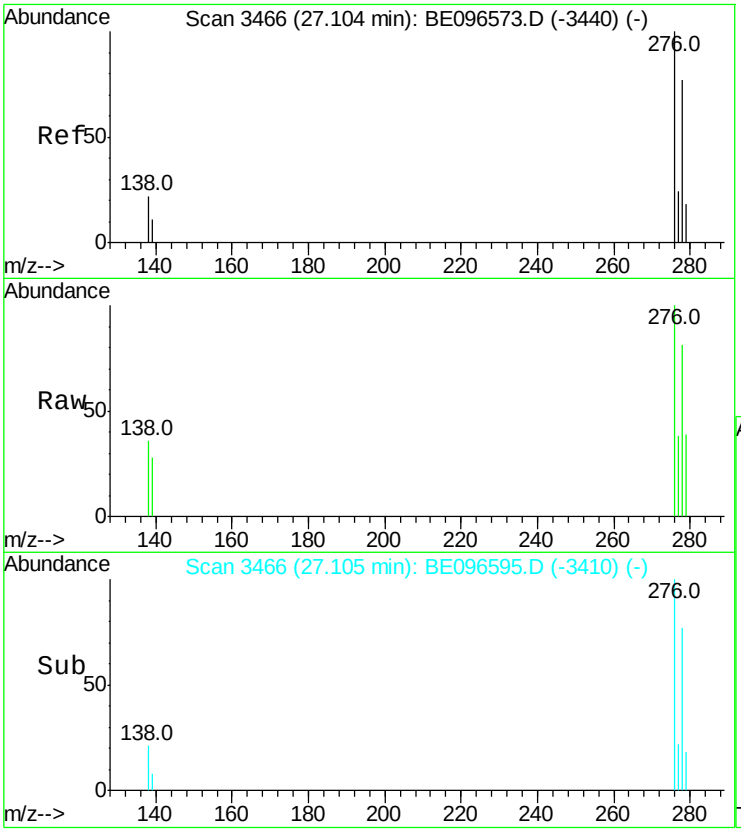


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.078 ng
RT: 21.58 min Scan# 2011
Delta R.T. 0.00 min
Lab File: BE096595.D
Acq: 16 May 2018 16:07

Tgt Ion:149 Resp: 1749

Ion	Ratio	Lower	Upper
149	100		
167	7.2	5.4	8.0
279	0.0	0.7	1.1#



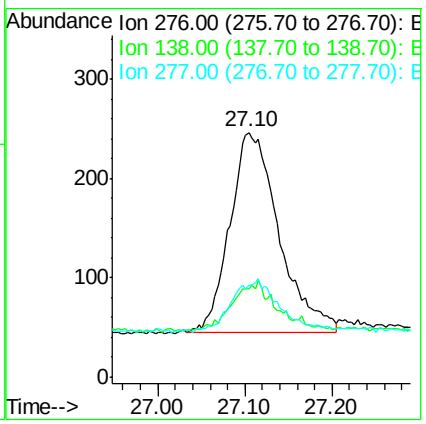


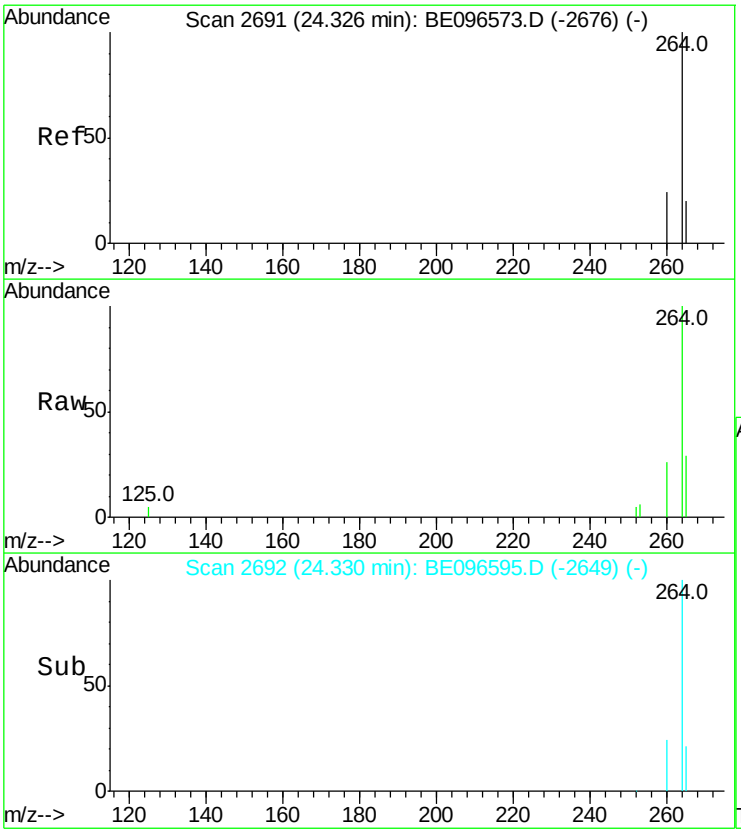
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.076 ng
RT: 27.10 min Scan# 3466
Delta R.T. 0.00 min
Lab File: BE096595.D
Acq: 16 May 2018 16:07

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 787

Ion	Ratio	Lower	Upper
276	100		
138	20.8	22.5	33.7#
277	25.5	19.9	29.9

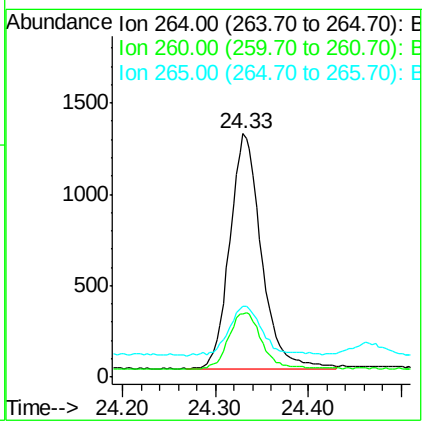


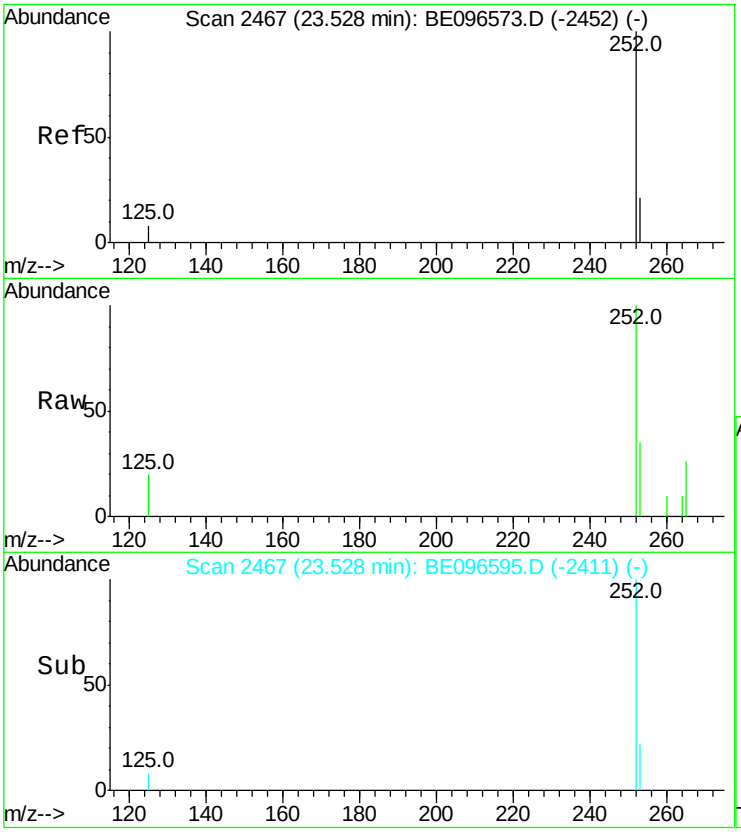


#34
Perylene-d12
Concen: 0.400 ng
RT: 24.33 min Scan# 2692
Delta R.T. 0.00 min
Lab File: BE096595.D
Acq: 16 May 2018 16:07

Tgt Ion:264 Resp: 3050

Ion	Ratio	Lower	Upper
264	100		
260	26.1	20.5	30.7
265	29.3	22.8	34.2



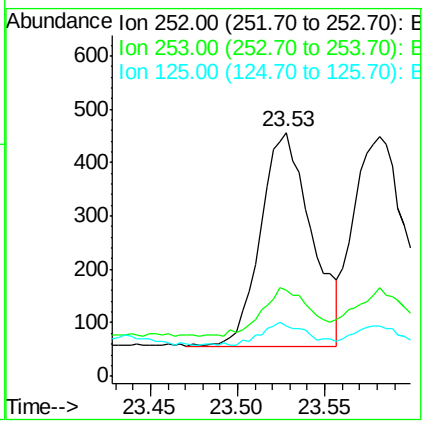


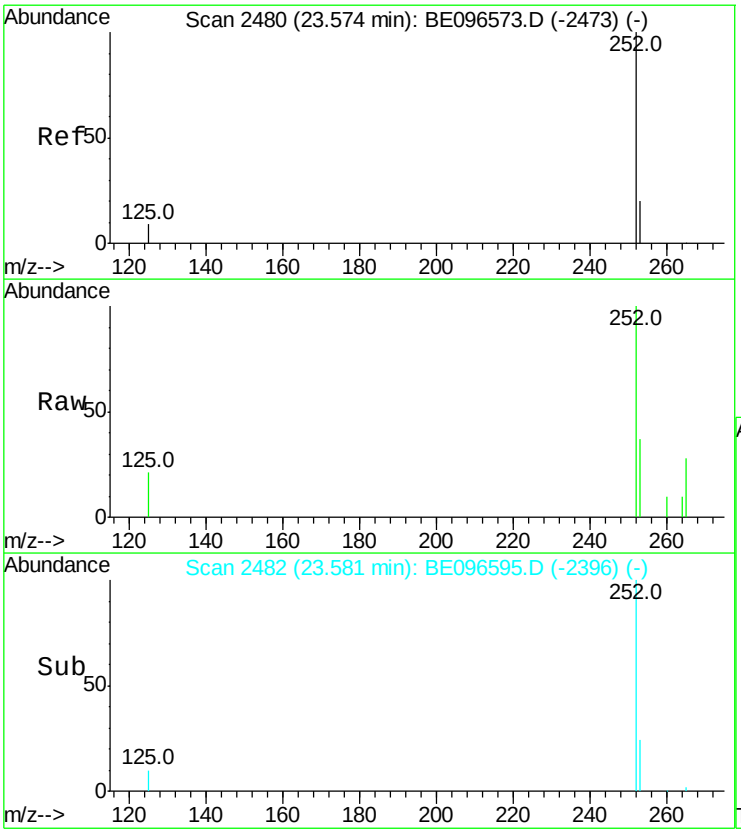
#35
Benzo(b)fluoranthene
Concen: 0.086 ng
RT: 23.53 min Scan# 2467
Delta R.T. -0.00 min
Lab File: BE096595.D
Acq: 16 May 2018 16:07

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 811

Ion	Ratio	Lower	Upper
252	100		
253	35.1	20.0	30.0#
125	20.4	16.0	24.0

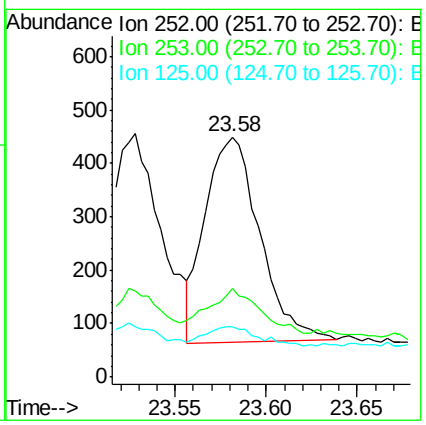


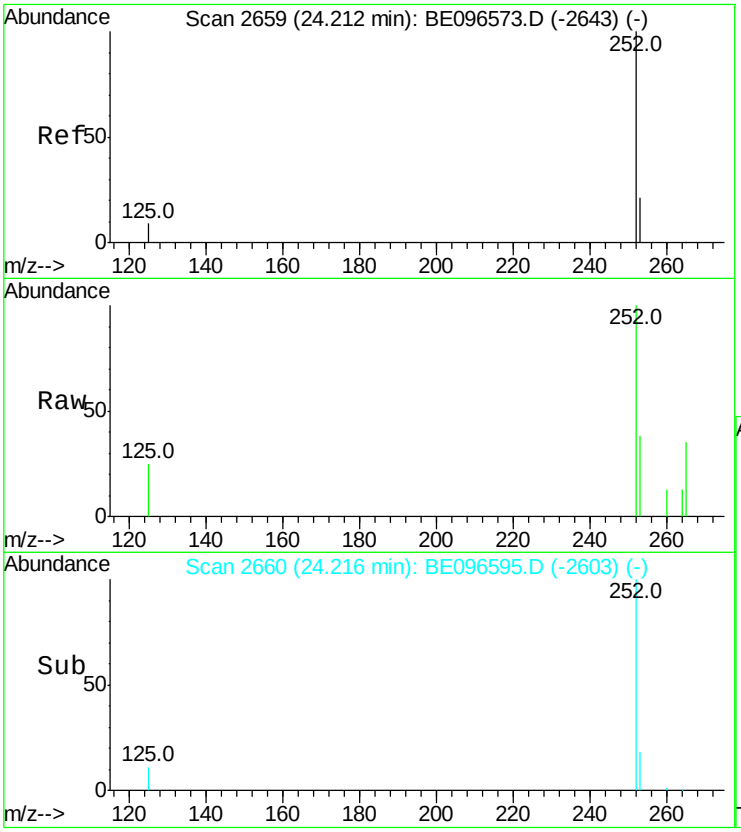


#36
Benzo(k)fluoranthene
Concen: 0.080 ng
RT: 23.58 min Scan# 2482
Delta R.T. 0.01 min
Lab File: BE096595.D
Acq: 16 May 2018 16:07

Tgt Ion:252 Resp: 799

Ion	Ratio	Lower	Upper
252	100		
253	36.7	16.0	24.0#
125	21.2	8.0	12.0#



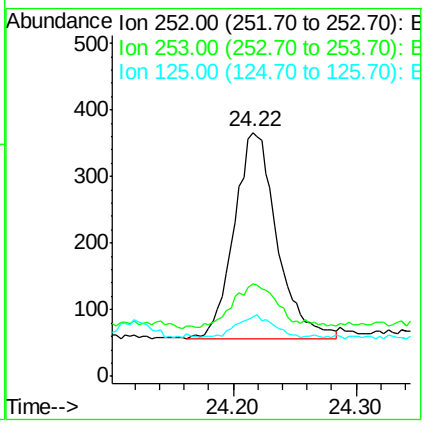


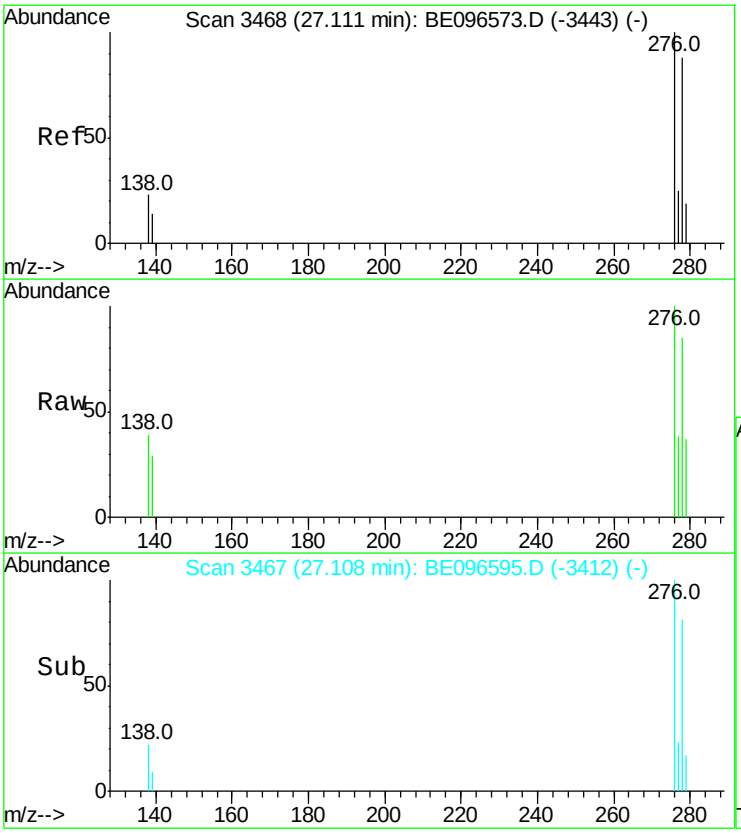
#37
Benzo(a)pyrene
Concen: 0.083 ng
RT: 24.22 min Scan# 2660
Delta R.T. 0.00 min
Lab File: BE096595.D
Acq: 16 May 2018 16:07

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 746

Ion	Ratio	Lower	Upper
252	100		
253	38.0	16.0	24.0#
125	24.6	12.0	18.0#

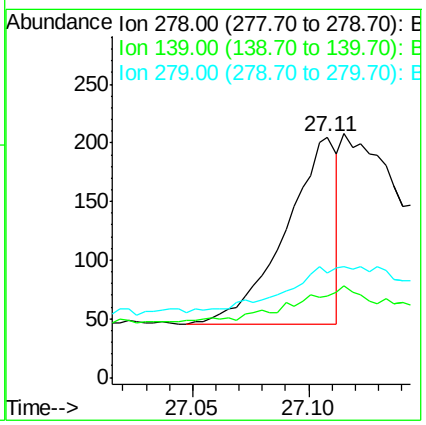


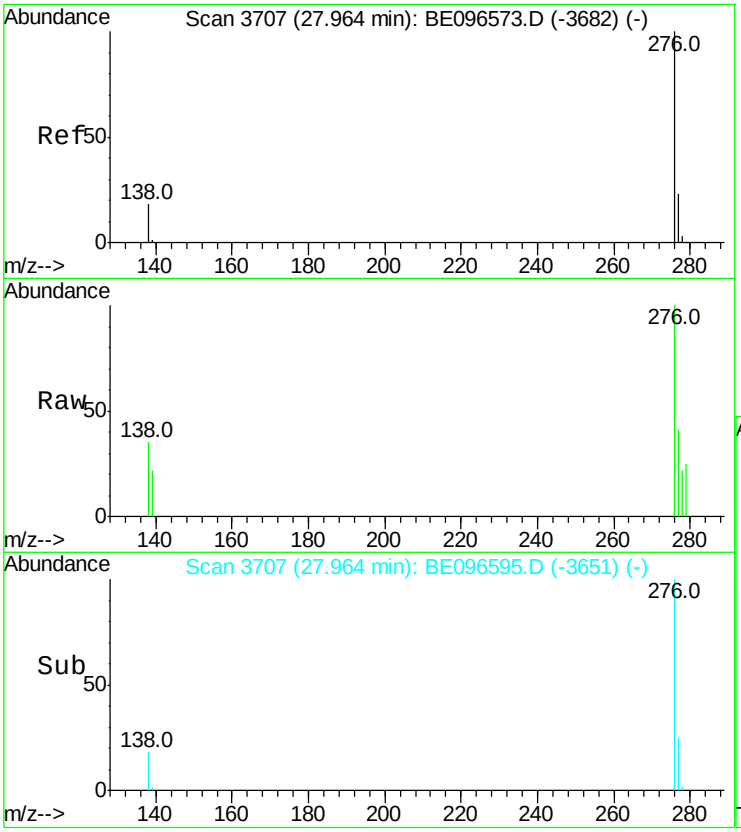


#38
Dibenzo(a,h)anthracene
Concen: 0.030 ng
RT: 27.11 min Scan# 3467
Delta R.T. -0.00 min
Lab File: BE096595.D
Acq: 16 May 2018 16:07

Tgt Ion:278 Resp: 246

Ion	Ratio	Lower	Upper
278	100		
139	33.7	16.0	24.0#
279	43.4	20.0	30.0#





#39
Benzo(g,h,i)perylene
Concen: 0.083 ng
RT: 27.96 min Scan# 3707
Delta R.T. 0.00 min
Lab File: BE096595.D
Acq: 16 May 2018 16:07

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 718

Ion	Ratio	Lower	Upper
276	100		
277	40.6	16.0	24.0#
138	35.3	20.0	30.0#