Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE051518\
Data File : BE096580.D
Acq On : 15 May 2018 16:17
Operator : SJ/JU
Sample : J2604-13
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: May 16 05:33:14 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	8.34	152	918	0.40	ng		0.00
7) Naphthalene-d8	11.18	136	3146	0.40	ng		0.00
13) Acenaphthene-d10	14.93	164	1656	0.40	ng		0.01
19) Phenanthrene-d10	17.64	188	3669	0.40	ng		0.00
27) Chrysene-d12	21.74	240	3681	0.40	ng		0.01
34) Perylene-d12	24.33	264	3585	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.84	112	280152	110.67	ng		-0.01
5) Phenol-d6	7.50	99	410019	114.46	ng		0.00
8) Nitrobenzene-d5	9.53	82	298429	89.16	ng		0.00
11) 2-Methylnaphthalene-d10	12.73	152	2	0.00	ng		0.00
14) 2,4,6-Tribromophenol	16.40	330	119027	181.81	ng		0.00
15) 2-Fluorobiphenyl	13.56	172	561024	78.92	ng		0.00
25) Fluoranthene-d10	19.62	212	37	0.00	ng		0.00
29) Terphenyl-d14	20.18	244	688963	82.73	ng		0.00
Target Compounds							Qvalue
9) Naphthalene	11.22	128	14838	0.448	ng		100
10) Hexachlorobutadiene	11.49	225	235628	127.303	ng		99
12) 2-Methylnaphthalene	12.79	142	328073	57.844	ng	#	93
16) Acenaphthylene	14.66	152	1175305	135.972	ng		98
17) Acenaphthene	14.99	154	526367	99.928	ng		95
18) Fluorene	15.96	166	892592	136.187	ng	#	76
20) 4-Bromophenyl-phenylether	16.83	248	406620	182.677	ng	#	86
21) Hexachlorobenzene	16.96	284	344138	148.295	ng	#	82
22) Pentachlorophenol	17.30	266	319048	427.345	ng	#	71
23) Phenanthrene	17.68	178	1243916	120.733	ng		97
26) Fluoranthene	19.66	202	1259890	102.288	ng	#	95
28) Pyrene	19.97	202	13700	2.061	ng	#	1
30) Benzo(a)anthracene	21.72	228	986609	87.190	ng		99
32) Bis(2-ethylhexyl)phthalate	21.58	149	4369592	180.413	ng		100
33) Indeno(1,2,3-cd)pyrene	27.16	276	1080997	95.715	ng	#	91
35) Benzo(b)fluoranthene	23.59	252	993902	89.862	ng	#	85
36) Benzo(k)fluoranthene	23.59	252	996884	85.142	ng	#	95
37) Benzo(a)pyrene	24.24	252	1257565	118.958	ng	#	91
38) Dibenzo(a,h)anthracene	27.16	278	992753	102.691	ng	#	91
39) Benzo(g,h,i)perylene	28.01	276	1039054	102.694	ng	#	87

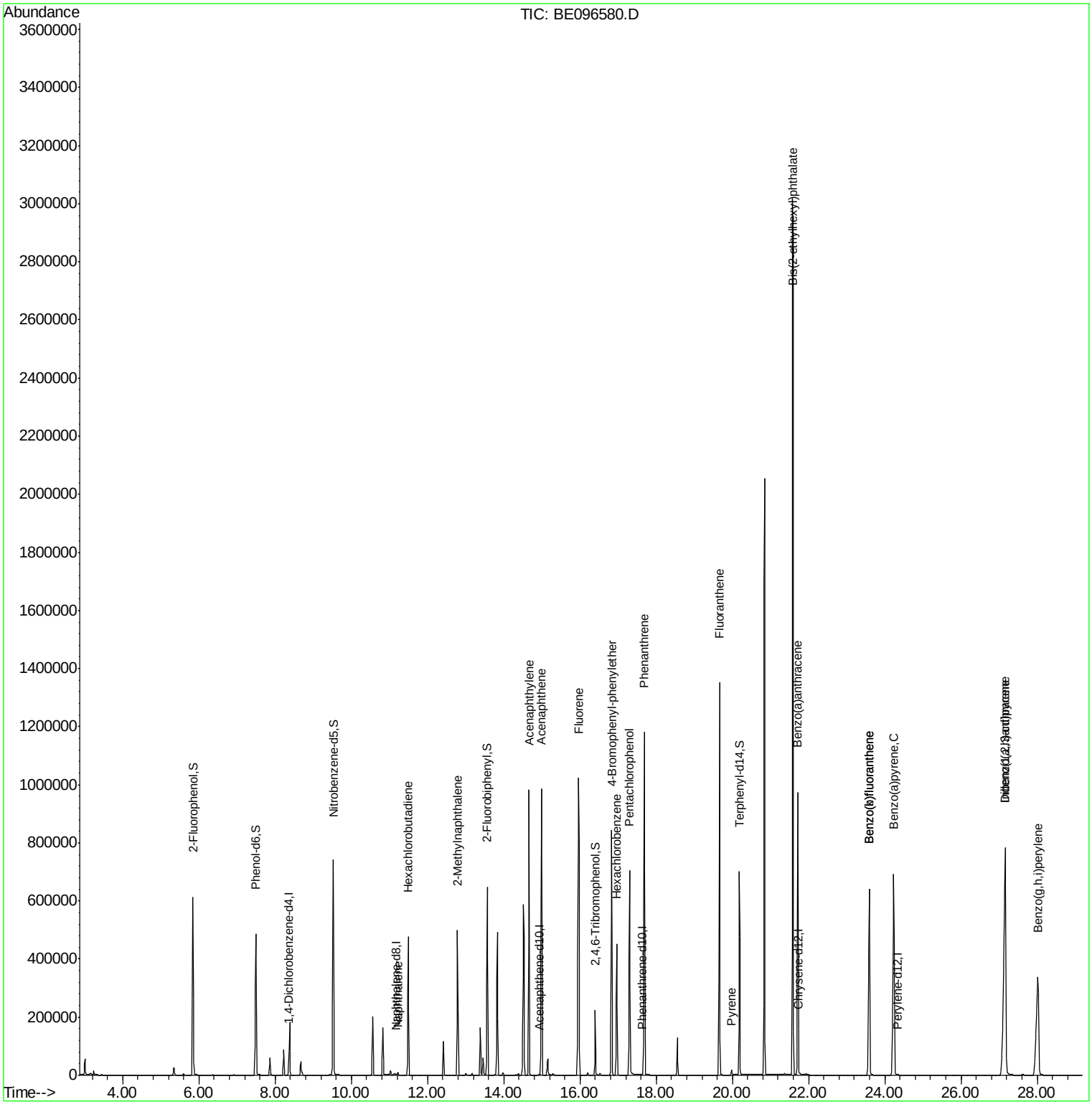
(#) = qualifier out of range (m) = manual integration (+) = signals summed

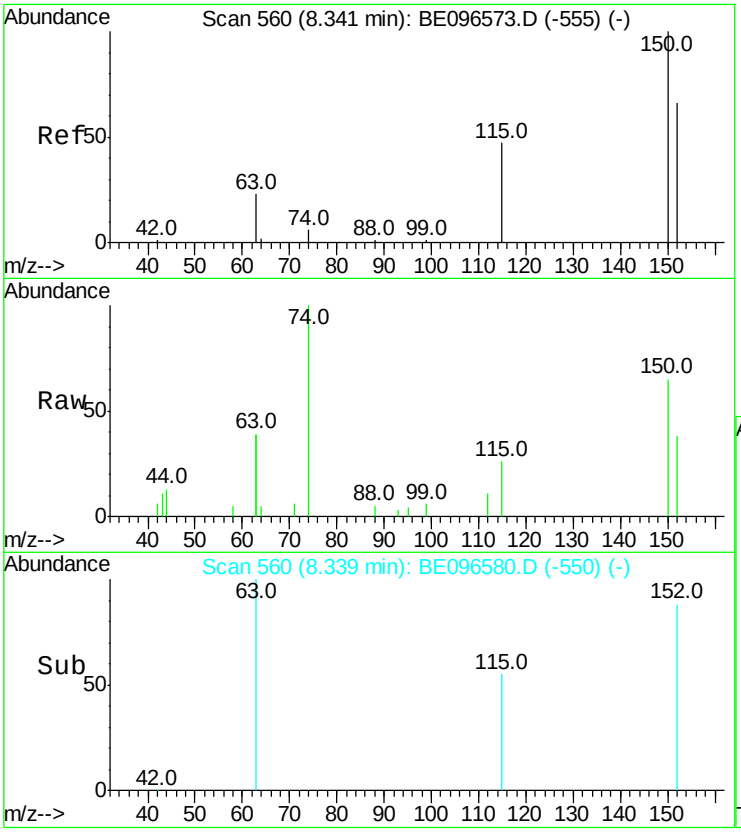
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE051518\
Data File : BE096580.D
Acq On : 15 May 2018 16:17
Operator : SJ/JU
Sample : J2604-13
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: May 16 05:33:14 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



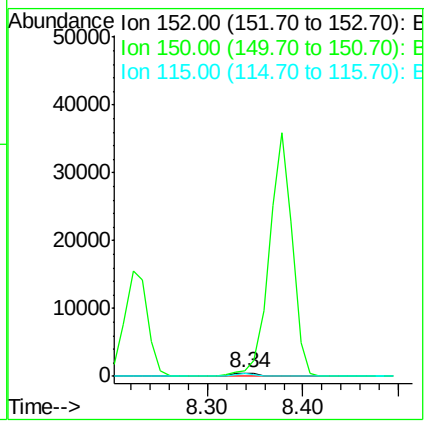


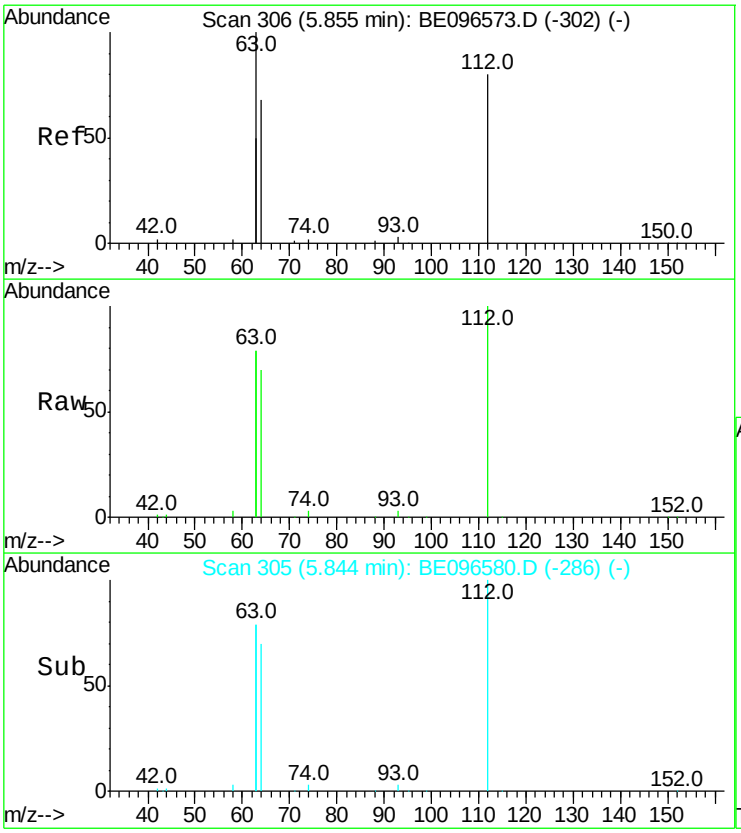
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.34 min Scan# 560
Delta R.T. -0.00 min
Lab File: BE096580.D
Acq: 15 May 2018 16:17

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 918

Ion	Ratio	Lower	Upper
152	100		
150	170.1	117.2	175.8
115	67.6	57.0	85.6

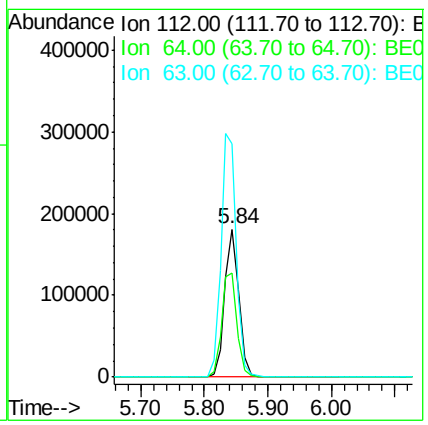


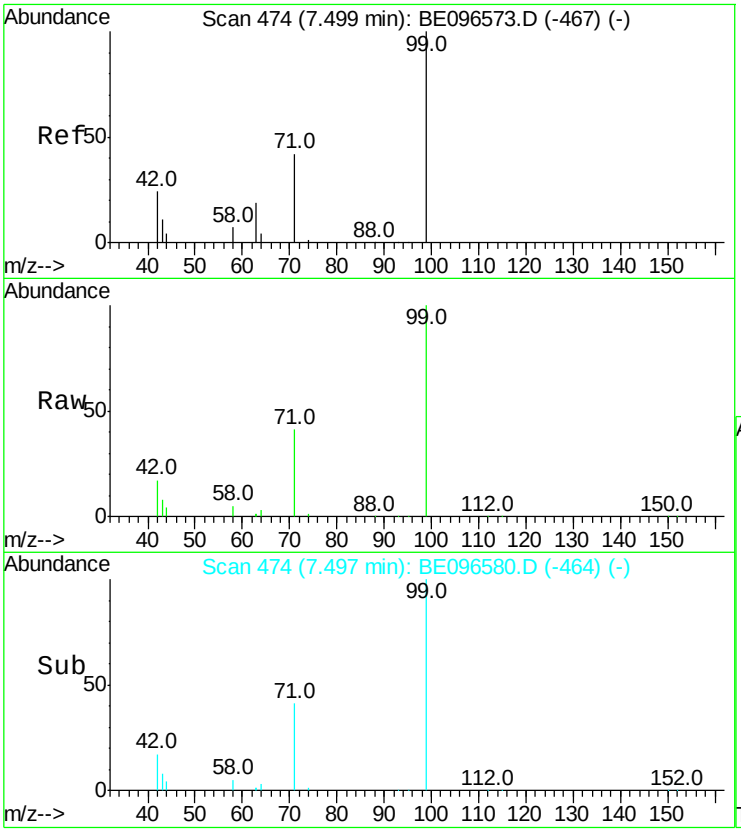


#4
2-Fluorophenol
Concen: 110.668 ng
RT: 5.84 min Scan# 305
Delta R.T. -0.01 min
Lab File: BE096580.D
Acq: 15 May 2018 16:17

Tgt Ion:112 Resp: 280152

Ion	Ratio	Lower	Upper
112	100		
64	76.9	60.1	90.1
63	179.3	116.8	175.2#



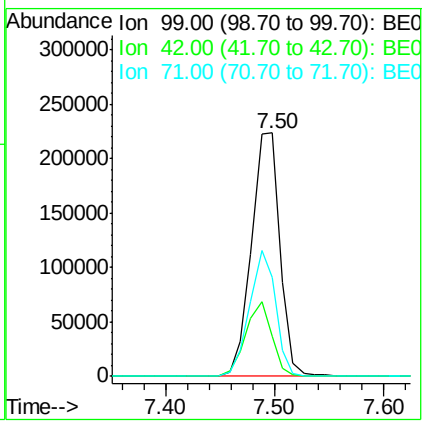


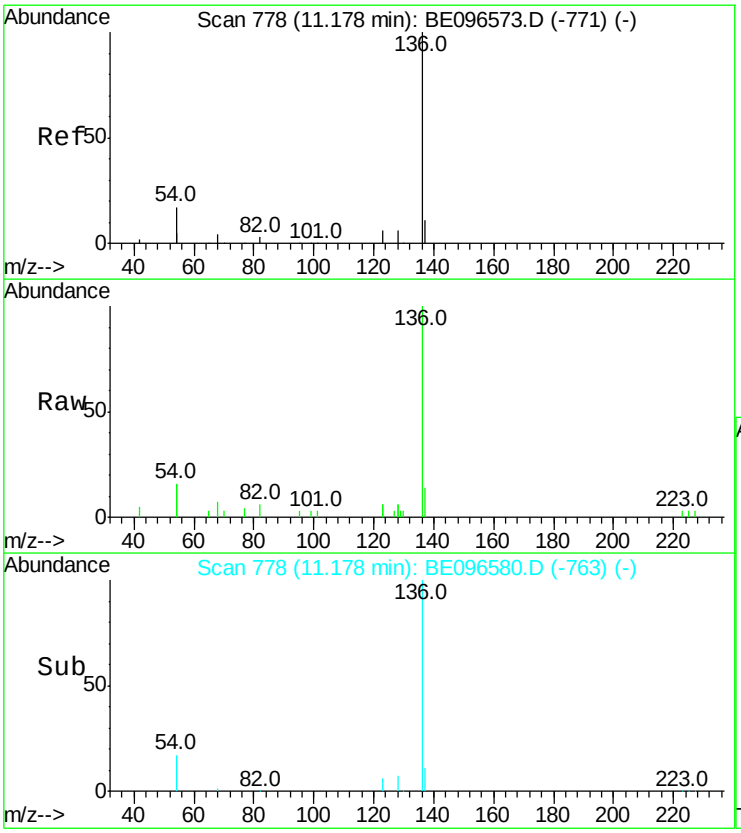
#5
Phenol-d6
Concen: 114.459 ng
RT: 7.50 min Scan# 474
Delta R.T. -0.00 min
Lab File: BE096580.D
Acq: 15 May 2018 16:17

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 99 Resp: 410019

Ion	Ratio	Lower	Upper
99	100		
42	28.1	20.2	30.2
71	47.3	28.4	42.6#

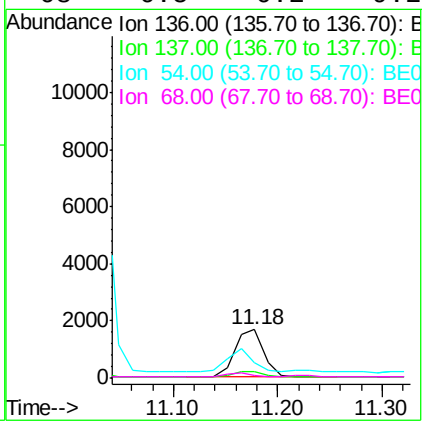


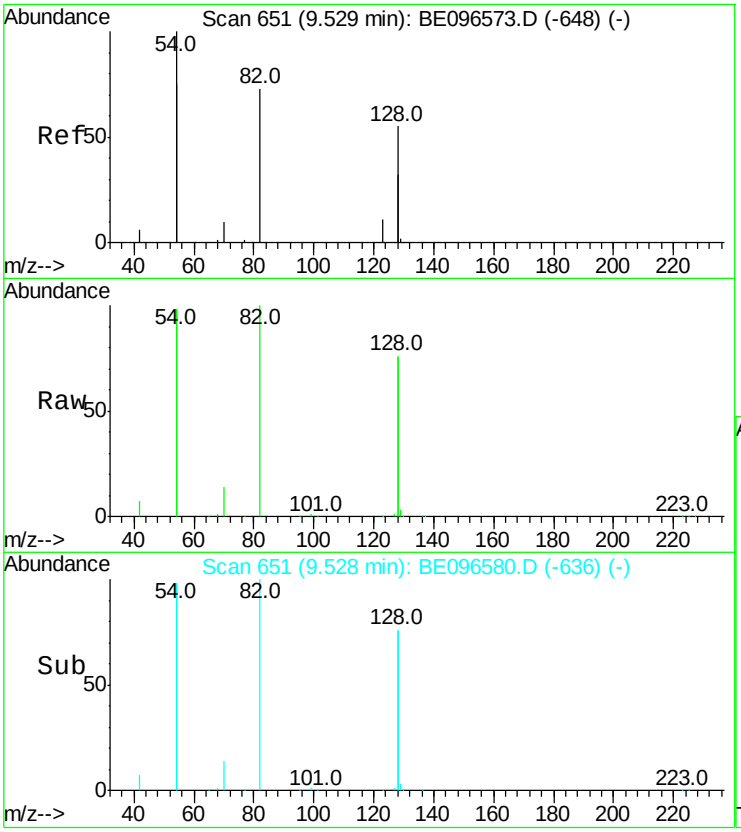


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 11.18 min Scan# 778
Delta R.T. -0.00 min
Lab File: BE096580.D
Acq: 15 May 2018 16:17

Tgt Ion:136 Resp: 3146

Ion	Ratio	Lower	Upper
136	100		
137	13.5	9.5	14.3
54	32.3	29.1	43.7
68	6.5	6.2	9.2



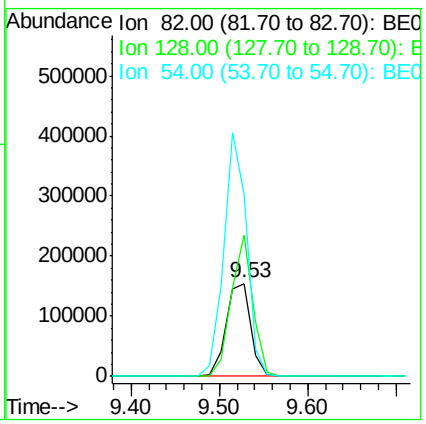


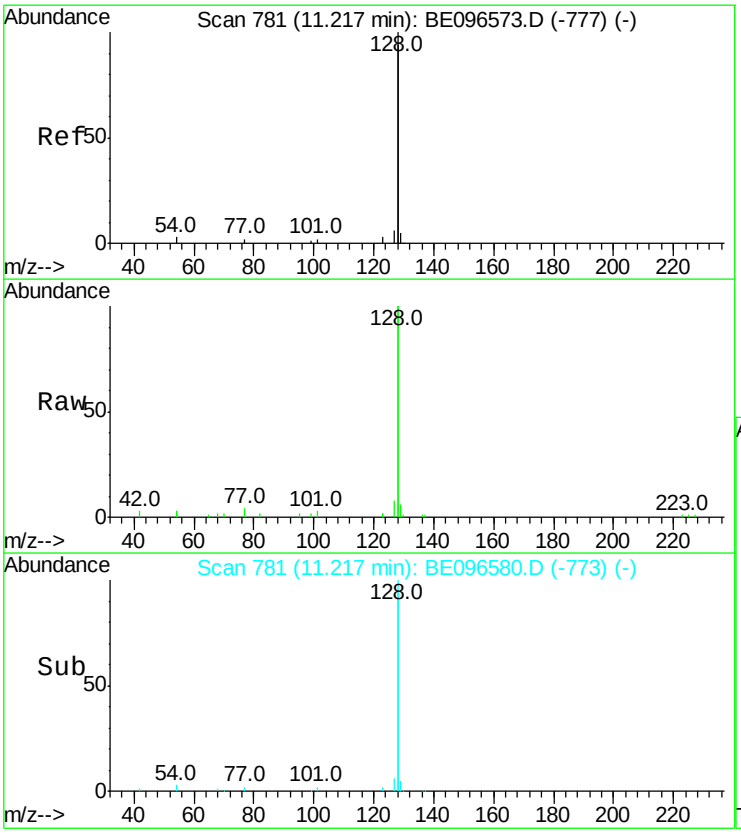
#8
Nitrobenzene-d5
Concen: 89.162 ng
RT: 9.53 min Scan# 651
Delta R.T. -0.00 min
Lab File: BE096580.D
Acq: 15 May 2018 16:17

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 82 Resp: 298429

Ion	Ratio	Lower	Upper
82	100		
128	152.8	150.0	225.0
54	196.6	154.2	231.4

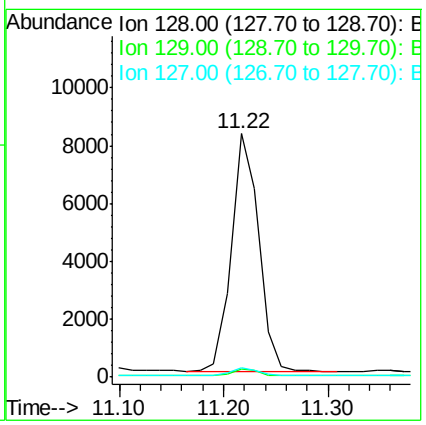


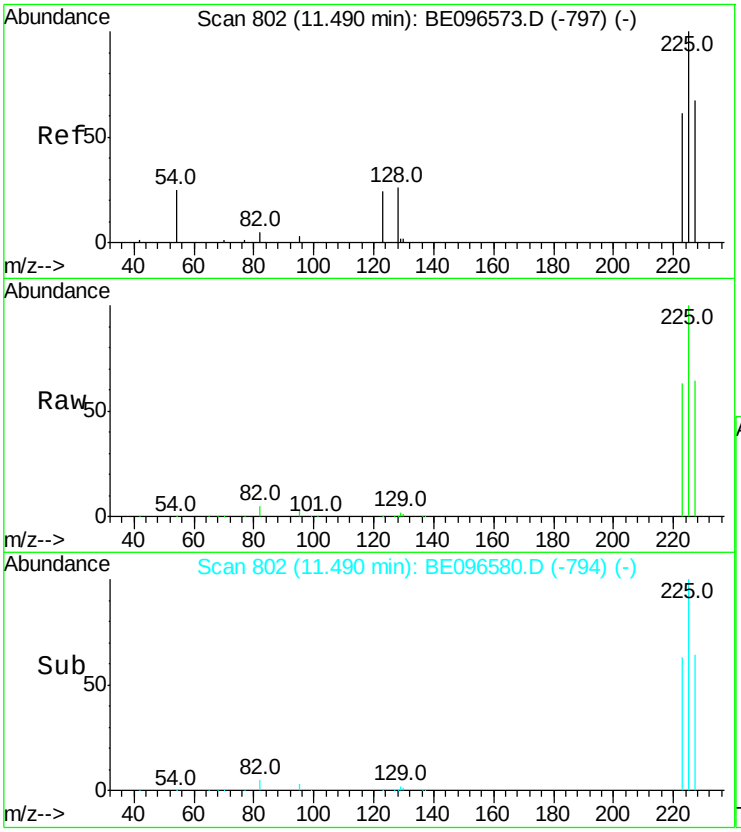


#9
Naphthalene
Concen: 0.448 ng
RT: 11.22 min Scan# 781
Delta R.T. -0.00 min
Lab File: BE096580.D
Acq: 15 May 2018 16:17

Tgt Ion:128 Resp: 14838

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



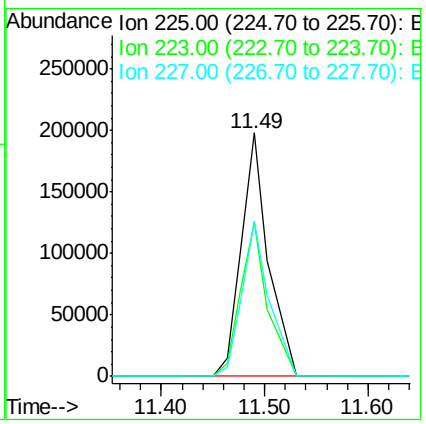


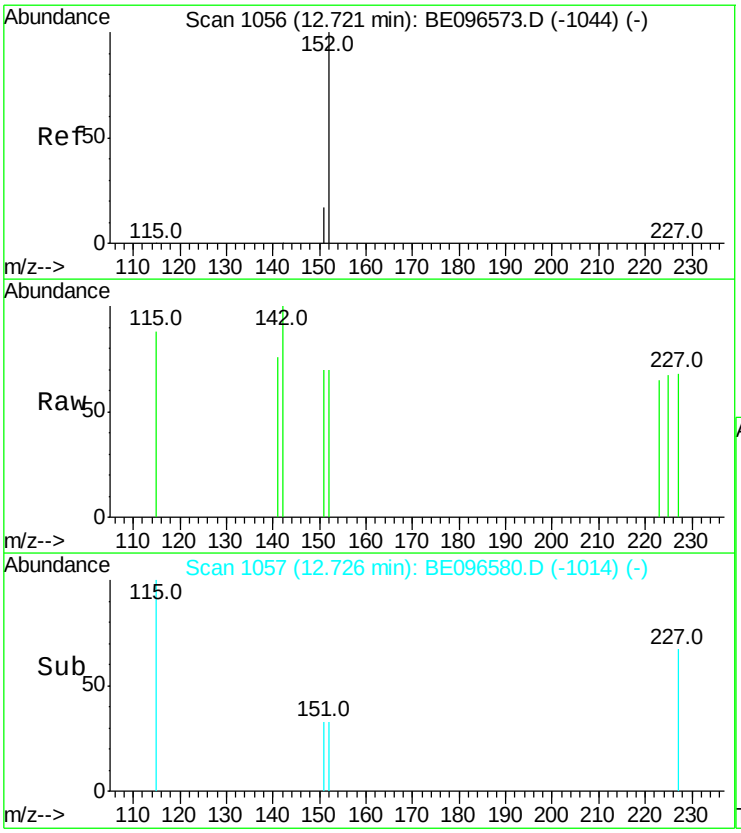
#10
Hexachlorobutadiene
Concen: 127.303 ng
RT: 11.49 min Scan# 802
Delta R.T. -0.00 min
Lab File: BE096580.D
Acq: 15 May 2018 16:17

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:225 Resp: 235628

Ion	Ratio	Lower	Upper
225	100		
223	65.8	53.0	79.6
227	66.2	51.4	77.2

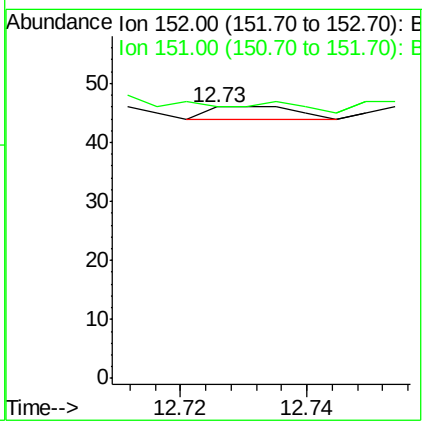


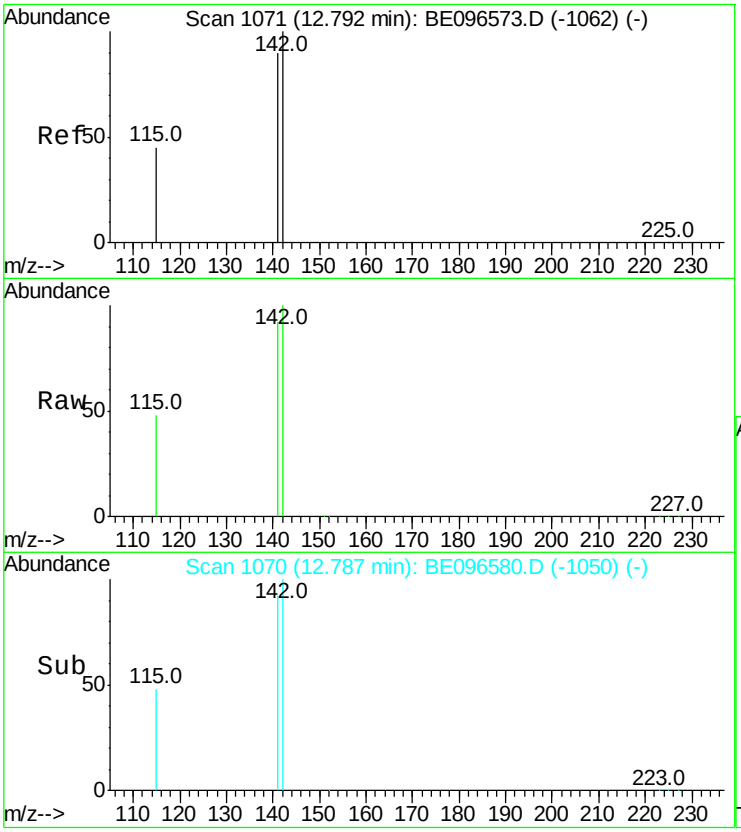


#11
2-Methylnaphthalene-d10
Concen: 0.000 ng
RT: 12.73 min Scan# 1057
Delta R.T. 0.00 min
Lab File: BE096580.D
Acq: 15 May 2018 16:17

Tgt Ion:152 Resp: 2

Ion	Ratio	Lower	Upper
152	100		
151	0.0	15.4	23.0#



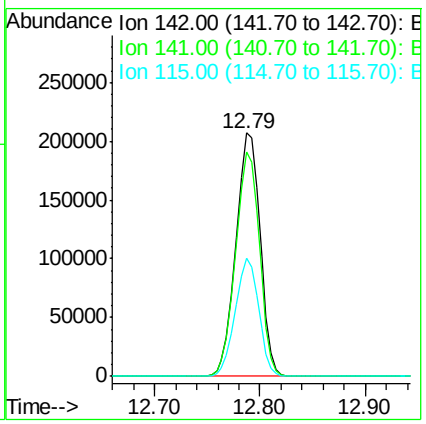


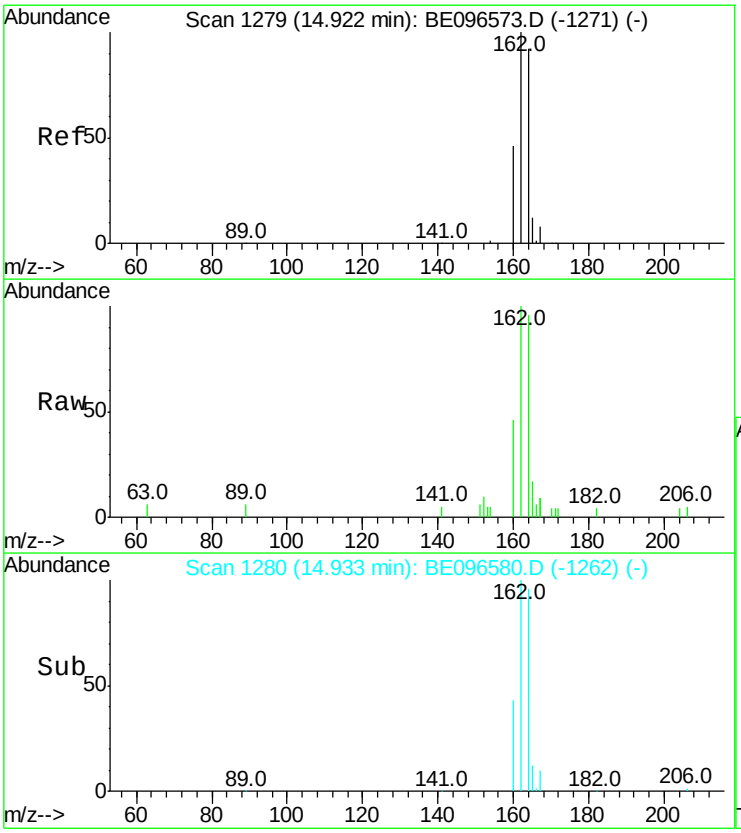
#12
2-Methylnaphthalene
Concen: 57.844 ng
RT: 12.79 min Scan# 1070
Delta R.T. -0.01 min
Lab File: BE096580.D
Acq: 15 May 2018 16:17

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:142 Resp: 328073

Ion	Ratio	Lower	Upper
142	100		
141	92.2	70.4	105.6
115	48.3	31.7	47.5#

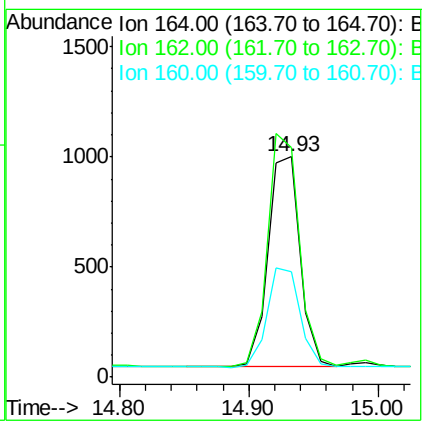


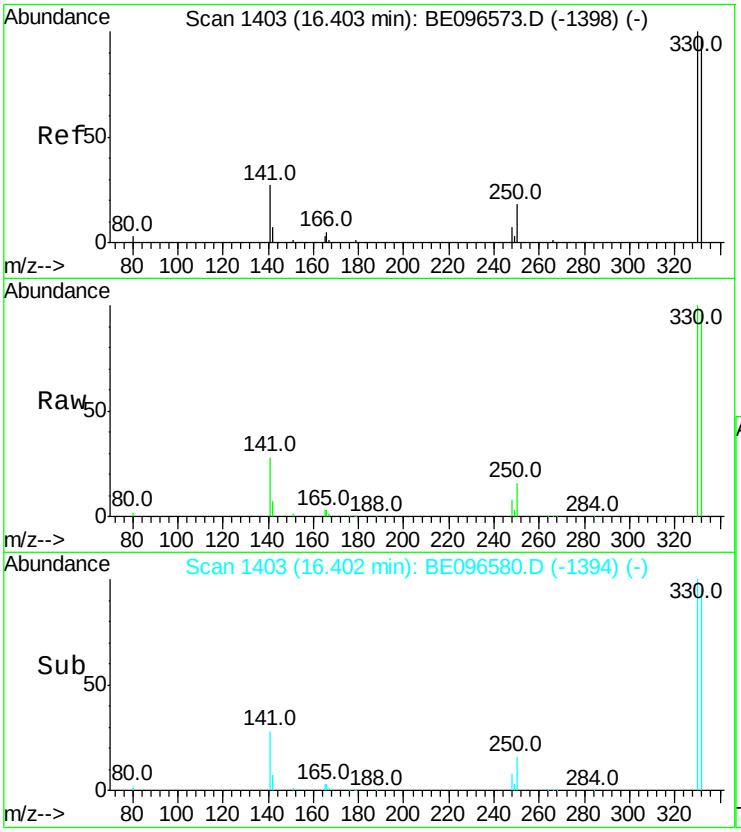


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.93 min Scan# 1280
Delta R.T. 0.01 min
Lab File: BE096580.D
Acq: 15 May 2018 16:17

Tgt Ion:164 Resp: 1656

Ion	Ratio	Lower	Upper
164	100		
162	104.2	83.1	124.7
160	47.7	37.1	55.7



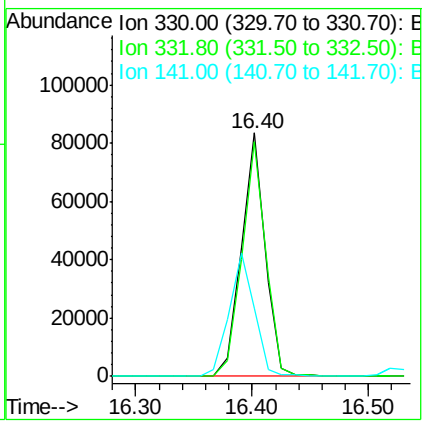


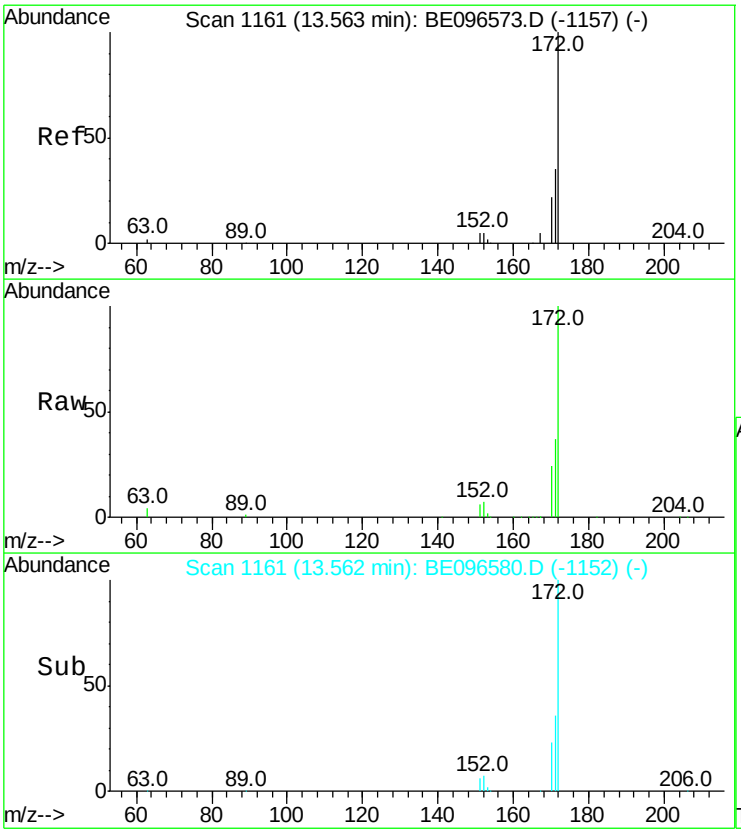
#14
2,4,6-Tribromophenol
Concen: 181.814 ng
RT: 16.40 min Scan# 1403
Delta R.T. 0.00 min
Lab File: BE096580.D
Acq: 15 May 2018 16:17

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:330 Resp: 119027

Ion	Ratio	Lower	Upper
330	100		
332	96.7	152.7	229.1#
141	53.6	33.7	50.5#

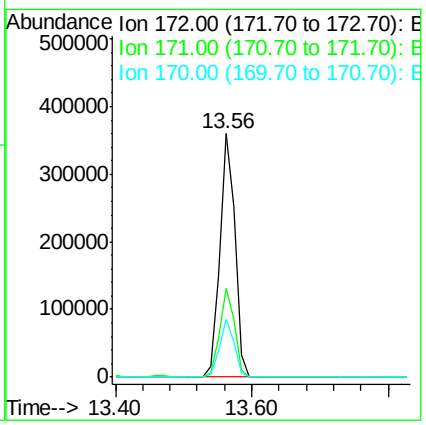


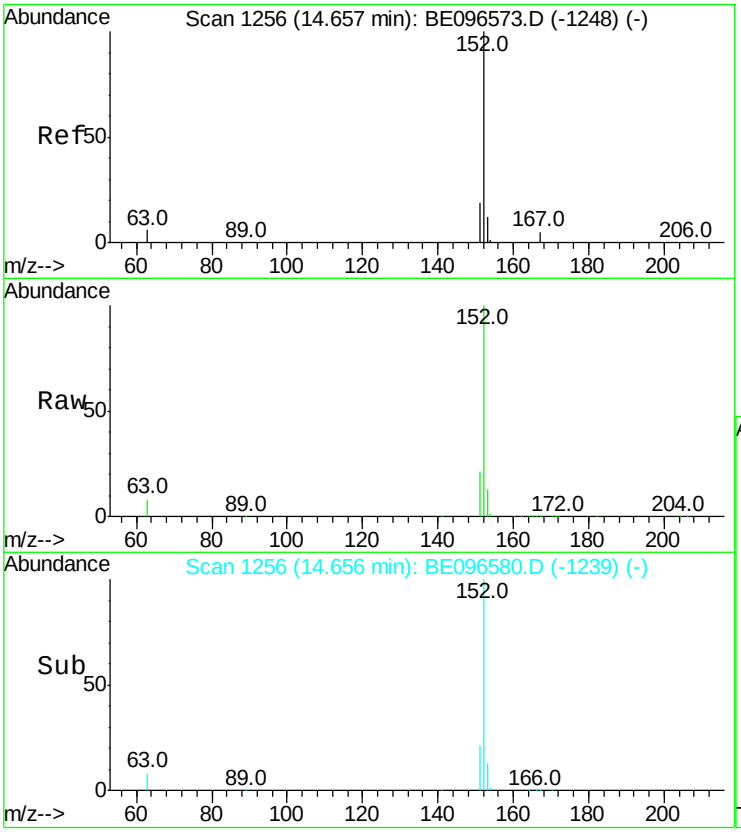


#15
2-Fluorobiphenyl
Concen: 78.924 ng
RT: 13.56 min Scan# 1161
Delta R.T. -0.00 min
Lab File: BE096580.D
Acq: 15 May 2018 16:17

Tgt Ion:172 Resp: 561024

Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.9	44.9
170	23.7	21.8	32.8



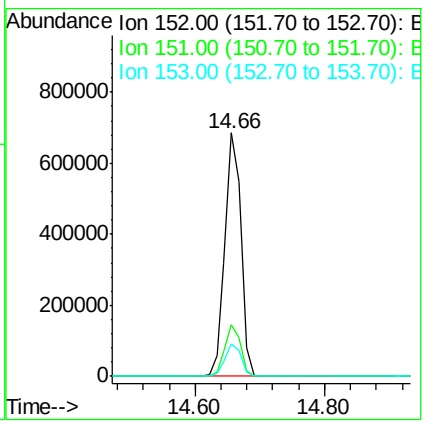


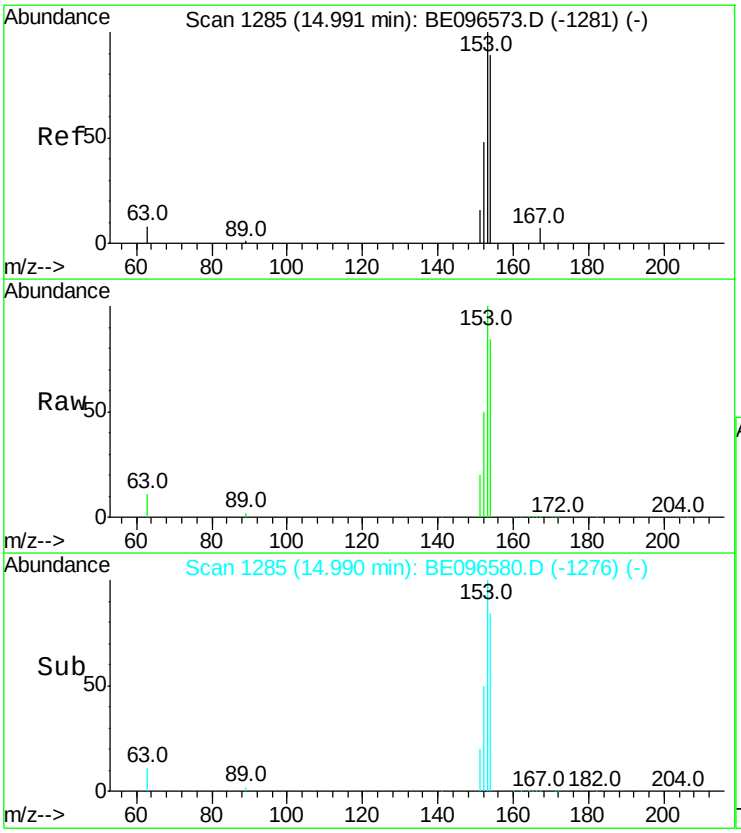
#16
Acenaphthylene
Concen: 135.972 ng
RT: 14.66 min Scan# 1256
Delta R.T. -0.00 min
Lab File: BE096580.D
Acq: 15 May 2018 16:17

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 1175305

Ion	Ratio	Lower	Upper
152	100		
151	20.9	15.7	23.5
153	13.3	10.5	15.7

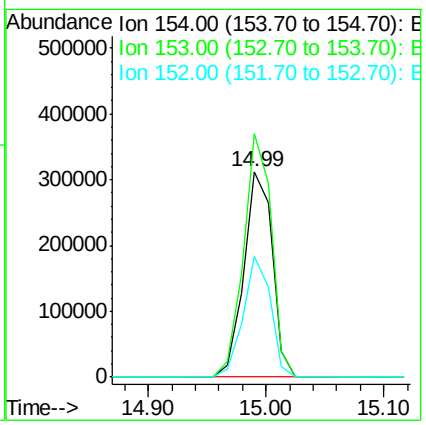


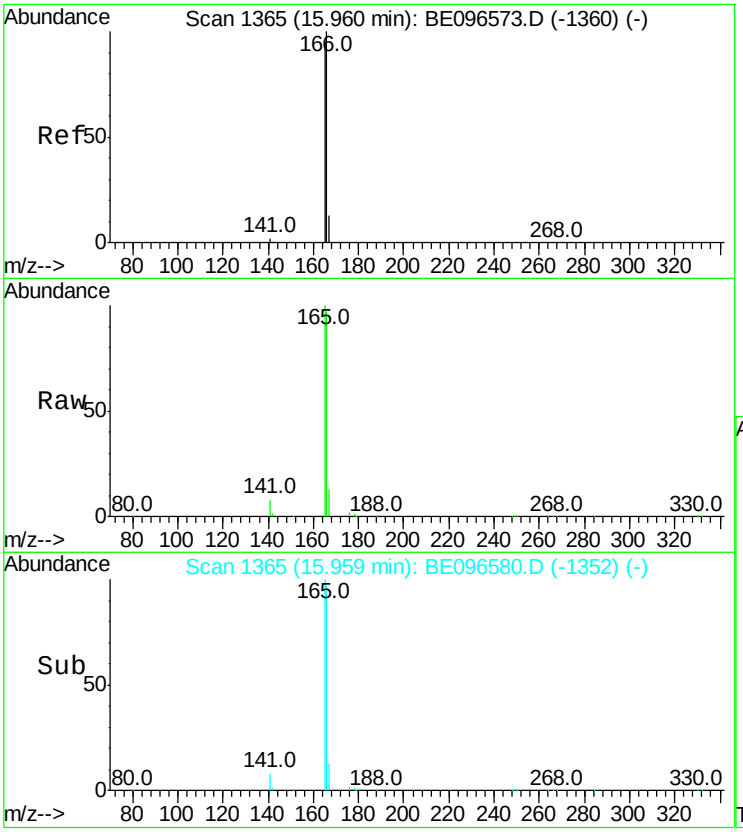


#17
Acenaphthene
Concen: 99.928 ng
RT: 14.99 min Scan# 1285
Delta R.T. -0.00 min
Lab File: BE096580.D
Acq: 15 May 2018 16:17

Tgt Ion:154 Resp: 526367

Ion	Ratio	Lower	Upper
154	100		
153	116.3	89.2	133.8
152	56.6	42.0	63.0



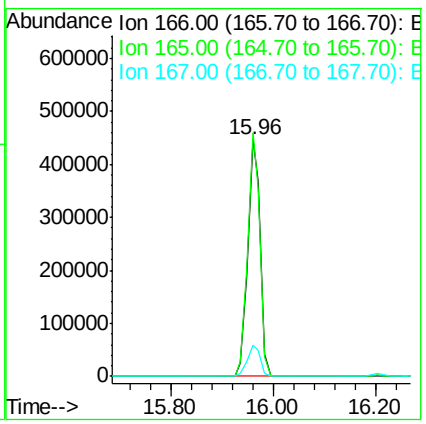


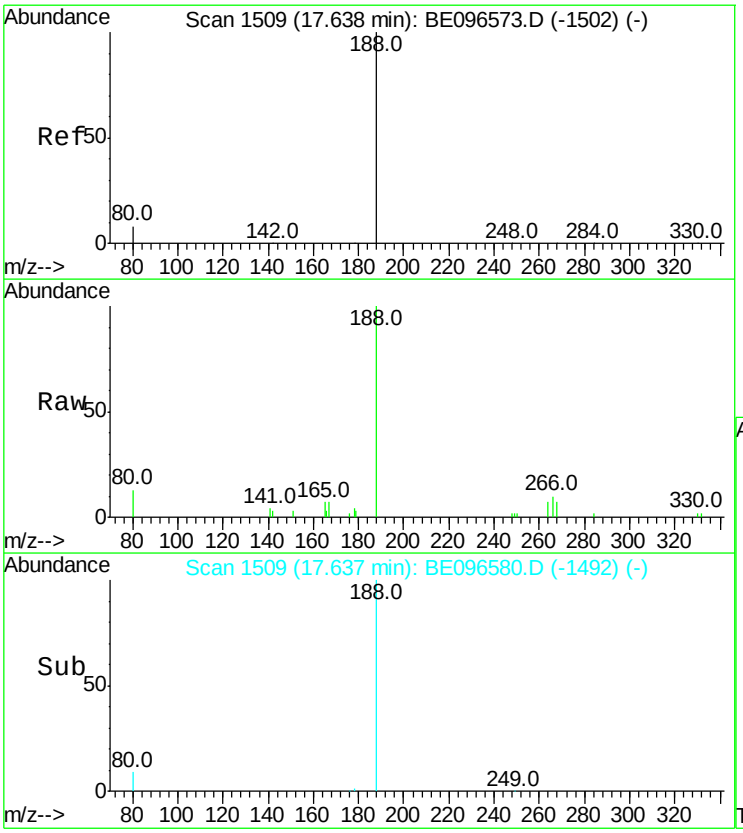
#18
Fluorene
Concen: 136.187 ng
RT: 15.96 min Scan# 1365
Delta R.T. -0.00 min
Lab File: BE096580.D
Acq: 15 May 2018 16:17

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:166 Resp: 892592

Ion	Ratio	Lower	Upper
166	100		
165	102.7	77.8	116.6
167	11.6	42.4	63.6#

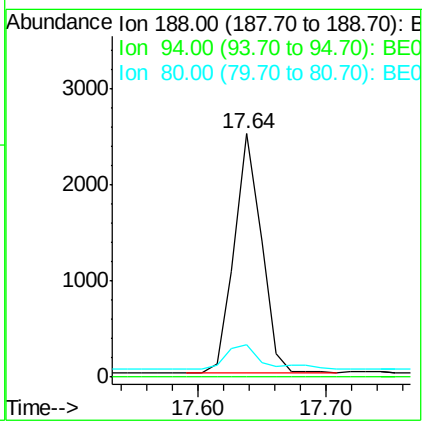


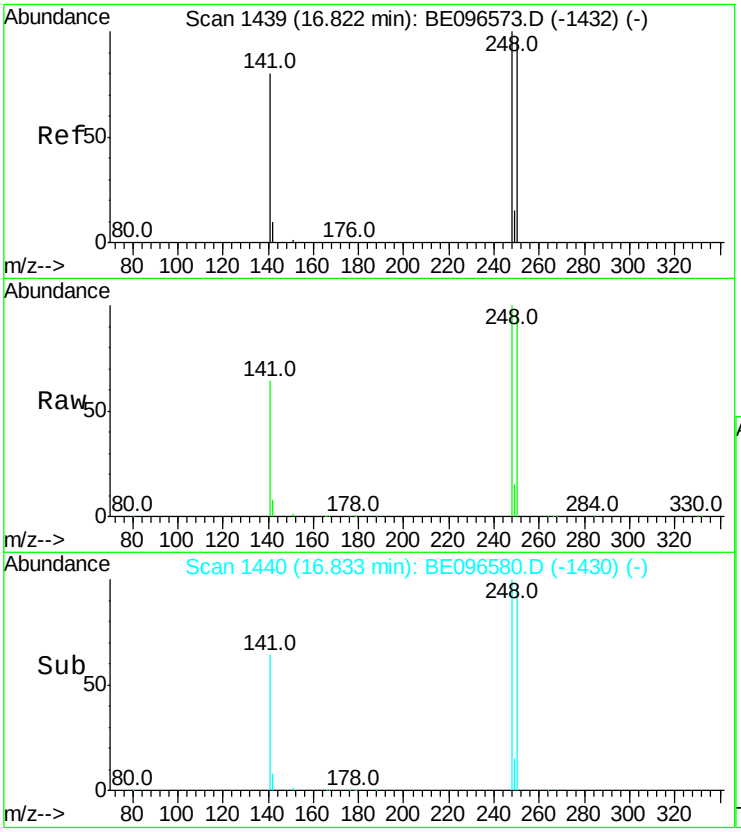


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.64 min Scan# 1509
Delta R.T. -0.00 min
Lab File: BE096580.D
Acq: 15 May 2018 16:17

Tgt Ion:188 Resp: 3669

Ion	Ratio	Lower	Upper
188	100		
94	0.0	3.9	5.9#
80	13.2	3.6	5.4#



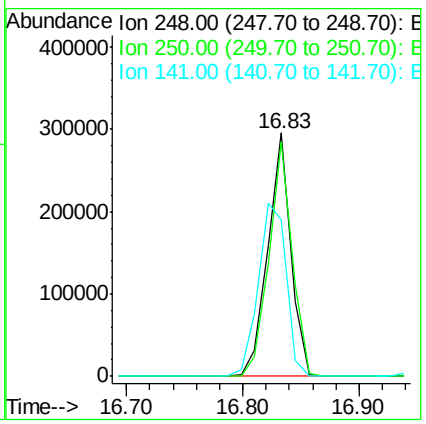


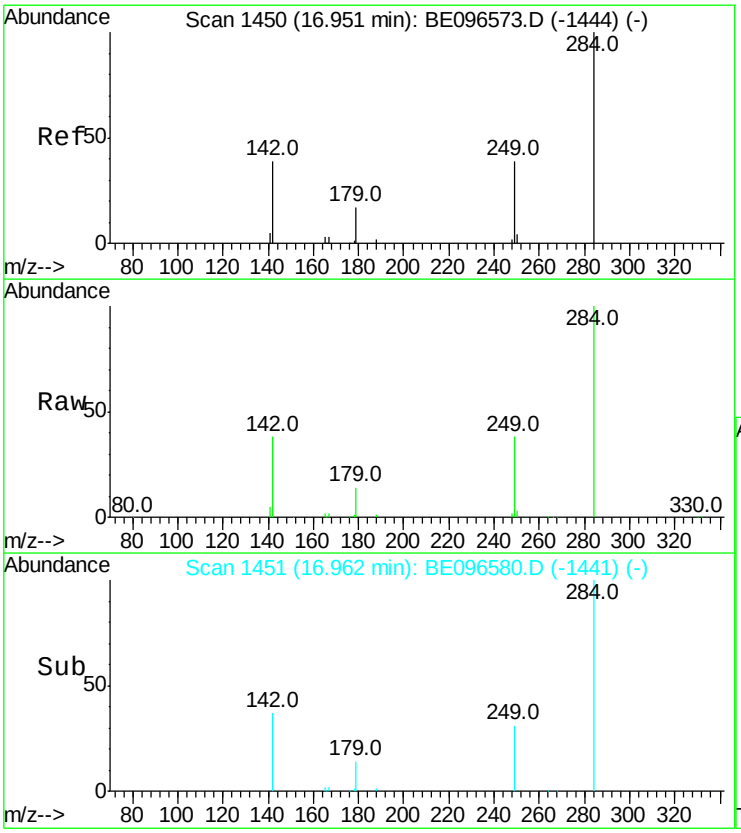
#20
4-Bromophenyl-phenylether
Concen: 182.677 ng
RT: 16.83 min Scan# 1440
Delta R.T. 0.01 min
Lab File: BE096580.D
Acq: 15 May 2018 16:17

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:248 Resp: 406620

Ion	Ratio	Lower	Upper
248	100		
250	96.4	62.7	94.1#
141	64.4	48.2	72.2

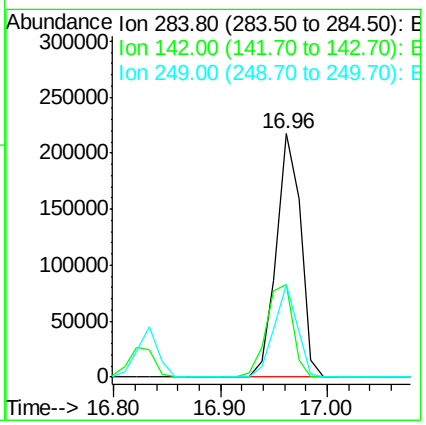


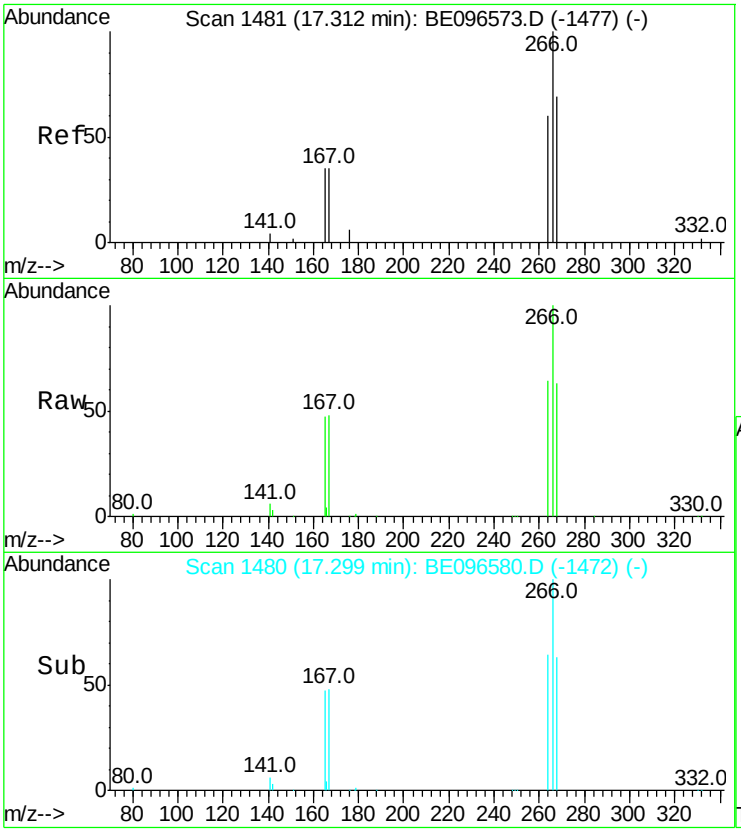


#21
Hexachlorobenzene
Concen: 148.295 ng
RT: 16.96 min Scan# 1451
Delta R.T. 0.01 min
Lab File: BE096580.D
Acq: 15 May 2018 16:17

Tgt Ion:284 Resp: 344138

Ion	Ratio	Lower	Upper
284	100		
142	41.7	22.1	33.1#
249	35.8	34.8	52.2



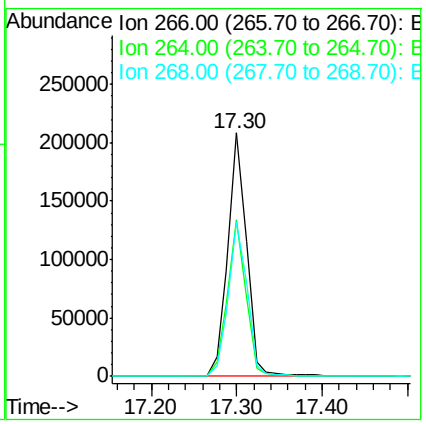


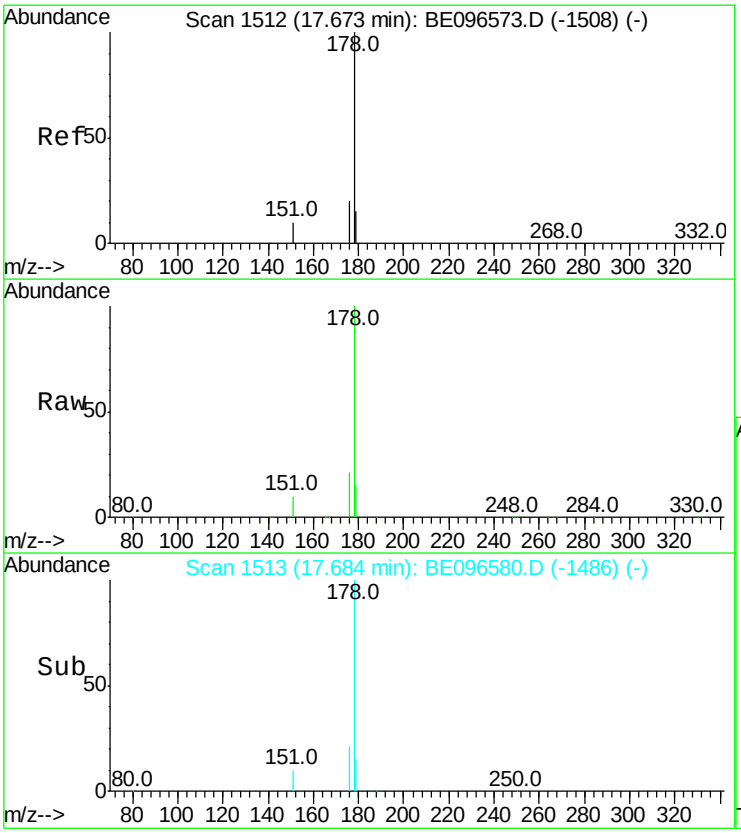
#22
Pentachlorophenol
Concen: 427.345 ng
RT: 17.30 min Scan# 1480
Delta R.T. -0.01 min
Lab File: BE096580.D
Acq: 15 May 2018 16:17

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:266 Resp: 319048

Ion	Ratio	Lower	Upper
266	100		
264	64.5	72.5	108.7#
268	63.2	73.8	110.6#

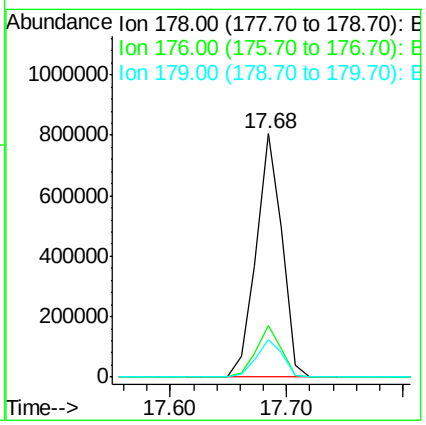


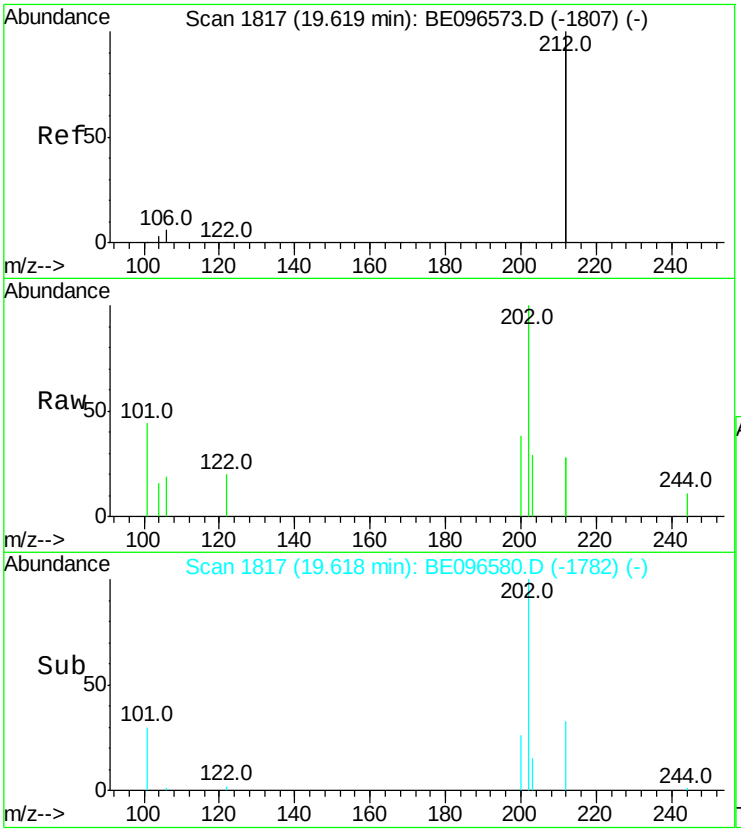


#23
Phenanthrene
Concen: 120.733 ng
RT: 17.68 min Scan# 1513
Delta R.T. 0.01 min
Lab File: BE096580.D
Acq: 15 May 2018 16:17

Tgt Ion:178 Resp: 1243916

Ion	Ratio	Lower	Upper
178	100		
176	20.6	15.1	22.7
179	15.6	11.8	17.6



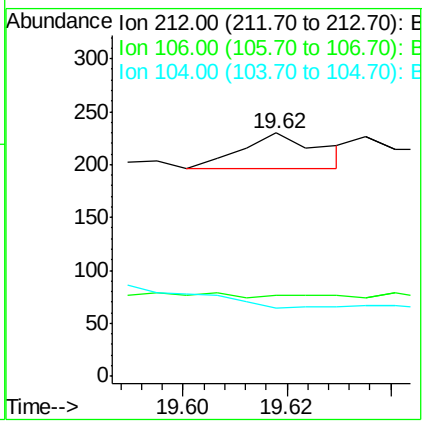


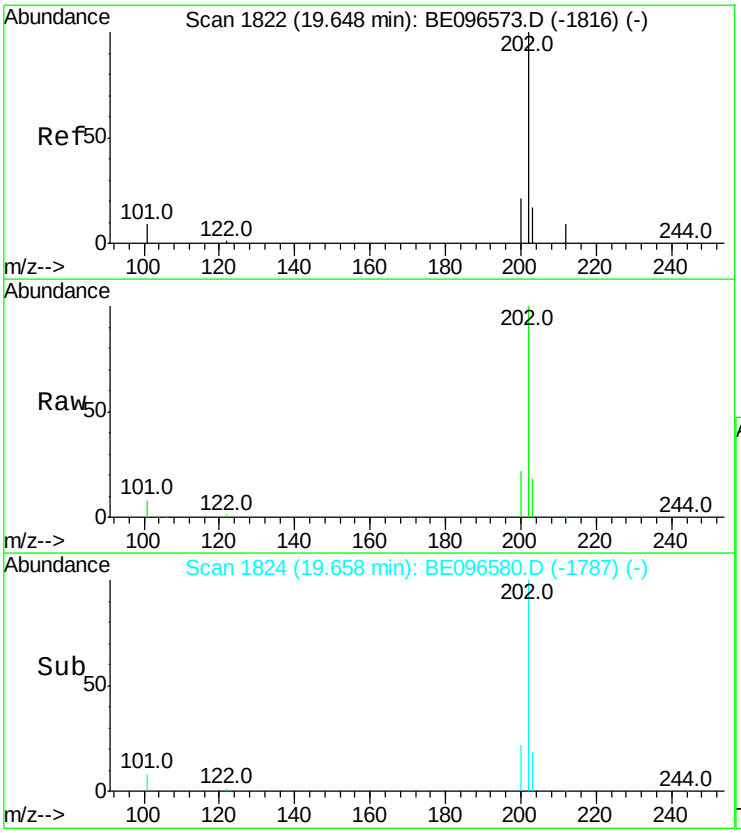
#25
Fluoranthene-d10
Concen: 0.001 ng
RT: 19.62 min Scan# 1817
Delta R.T. -0.00 min
Lab File: BE096580.D
Acq: 15 May 2018 16:17

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:212 Resp: 37

Ion	Ratio	Lower	Upper
212	100		
106	0.0	2.8	4.2#
104	0.0	1.6	2.4#

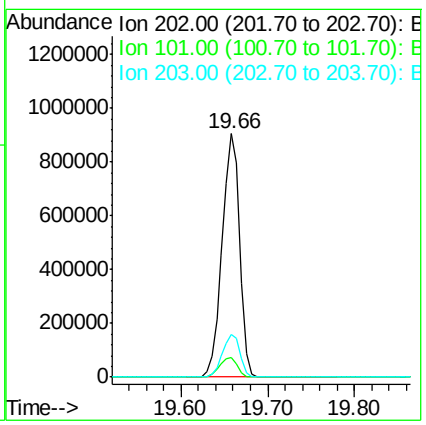


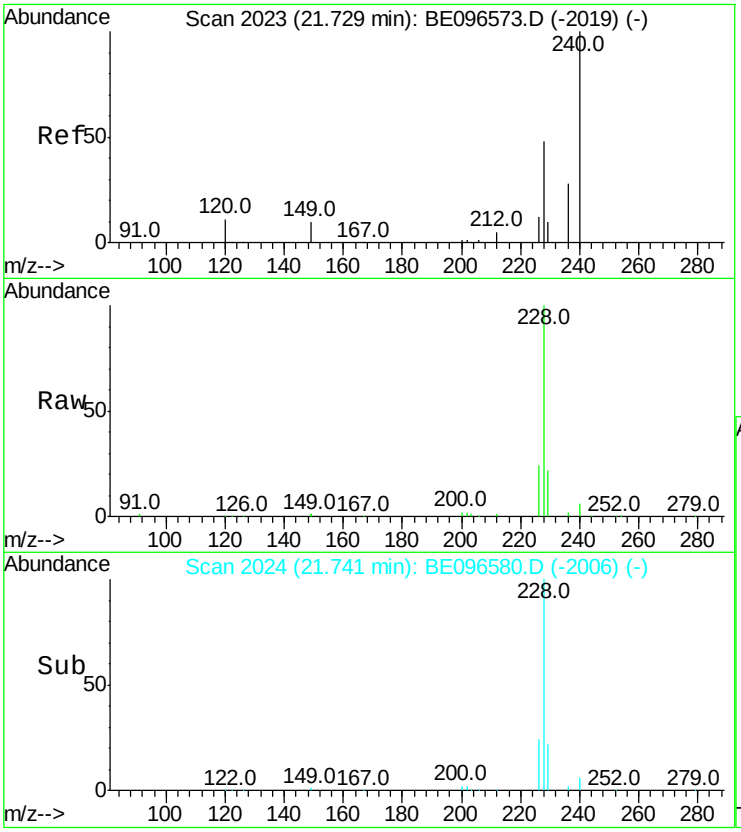


#26
Fluoranthene
Concen: 102.288 ng
RT: 19.66 min Scan# 1824
Delta R.T. 0.01 min
Lab File: BE096580.D
Acq: 15 May 2018 16:17

Tgt Ion:202 Resp: 1259890

Ion	Ratio	Lower	Upper
202	100		
101	8.2	9.8	14.8#
203	17.7	13.7	20.5



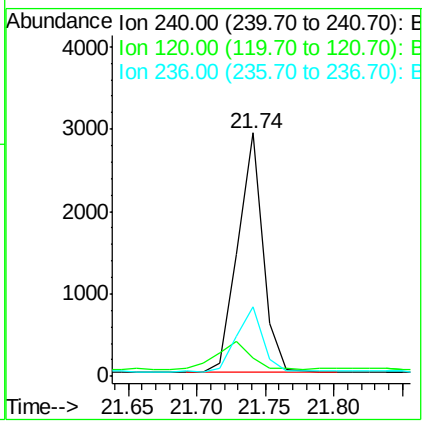


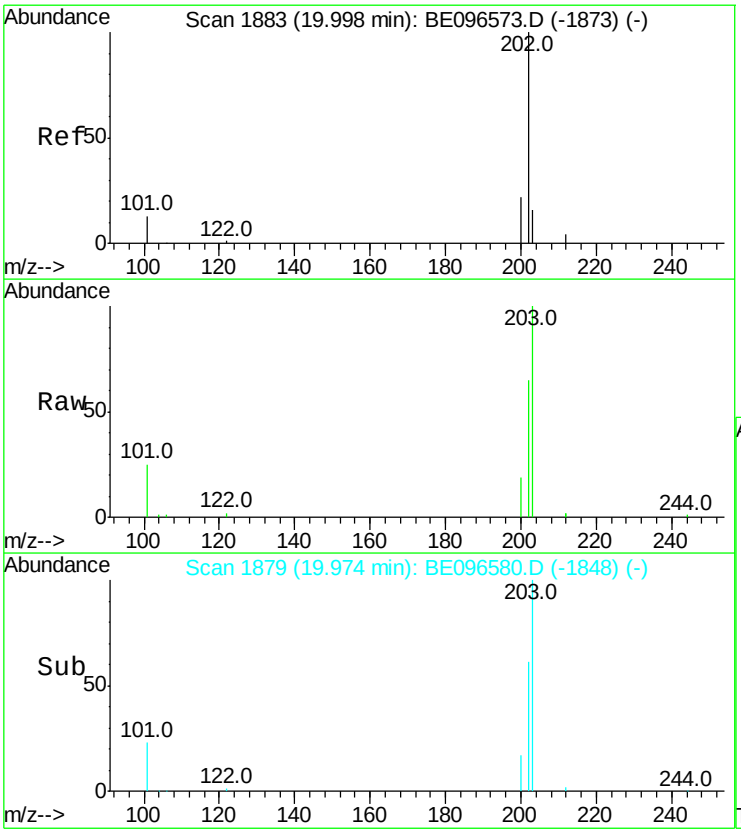
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.74 min Scan# 2024
Delta R.T. 0.01 min
Lab File: BE096580.D
Acq: 15 May 2018 16:17

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:240 Resp: 3681

Ion	Ratio	Lower	Upper
240	100		
120	7.4	5.5	8.3
236	28.3	20.7	31.1

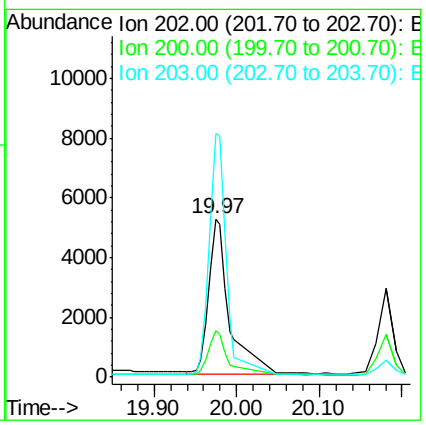


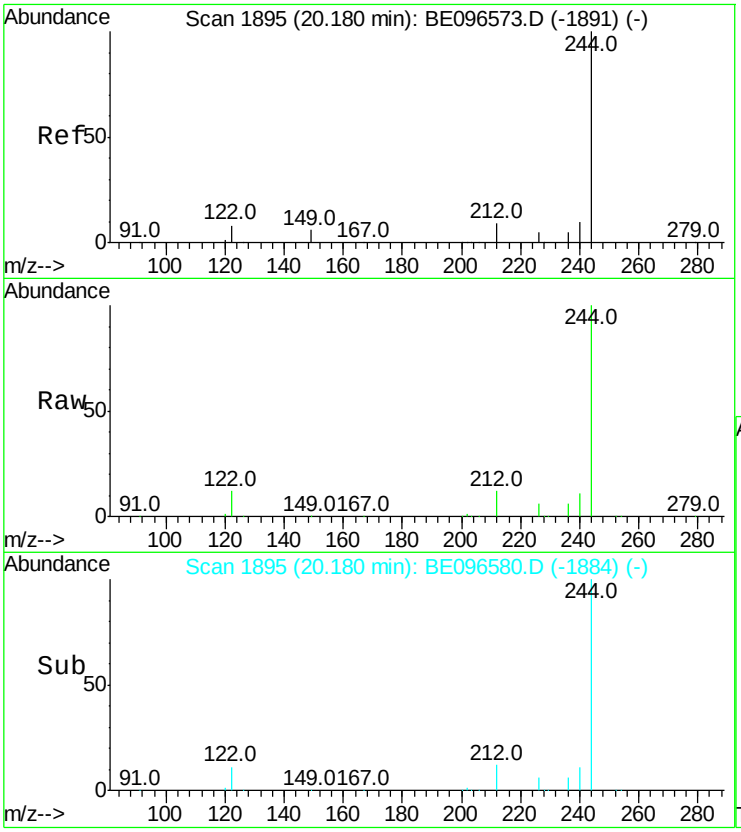


#28
Pyrene
Concen: 2.061 ng
RT: 19.97 min Scan# 1879
Delta R.T. -0.02 min
Lab File: BE096580.D
Acq: 15 May 2018 16:17

Tgt Ion:202 Resp: 13700

Ion	Ratio	Lower	Upper
202	100		
200	28.3	16.6	25.0#
203	142.0	13.8	20.8#



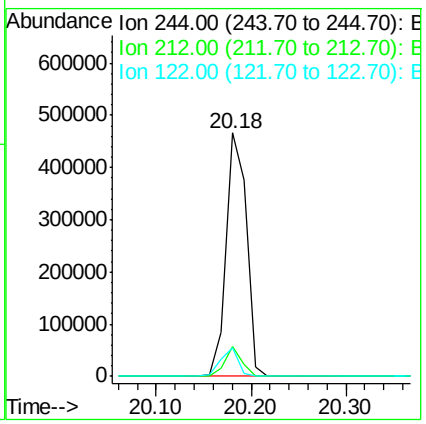


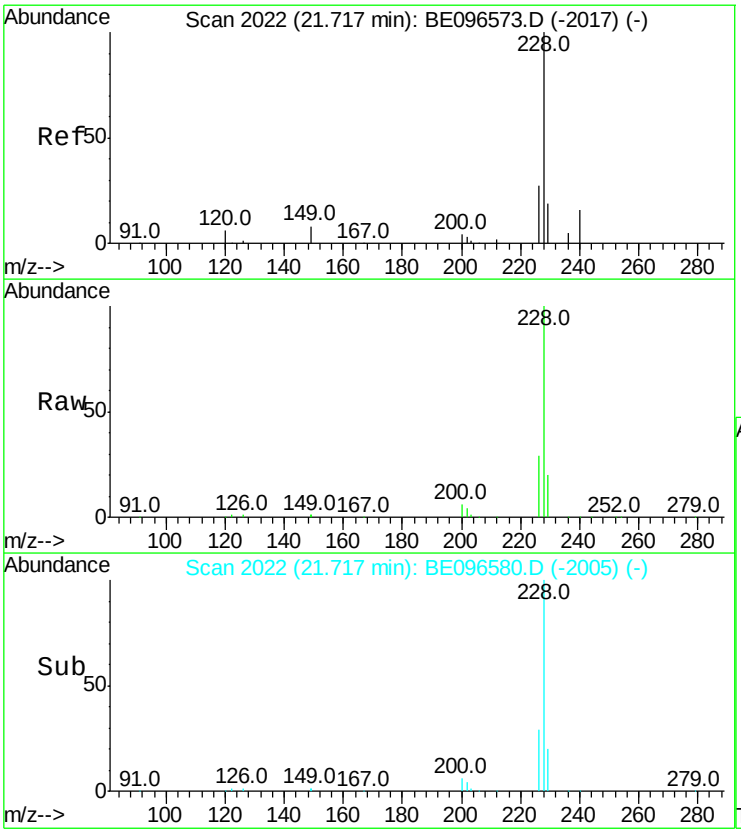
#29
Terphenyl-d14
Concen: 82.728 ng
RT: 20.18 min Scan# 1895
Delta R.T. 0.00 min
Lab File: BE096580.D
Acq: 15 May 2018 16:17

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:244 Resp: 688963

Ion	Ratio	Lower	Upper
244	100		
212	12.2	25.4	38.0#
122	11.5	8.1	12.1

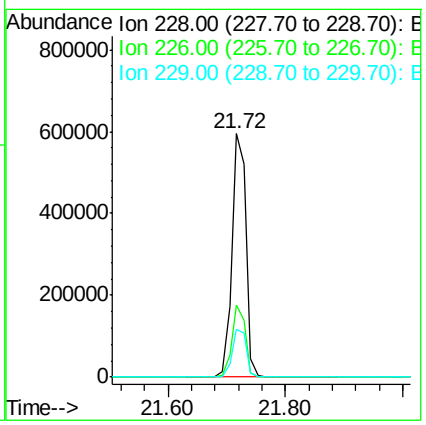


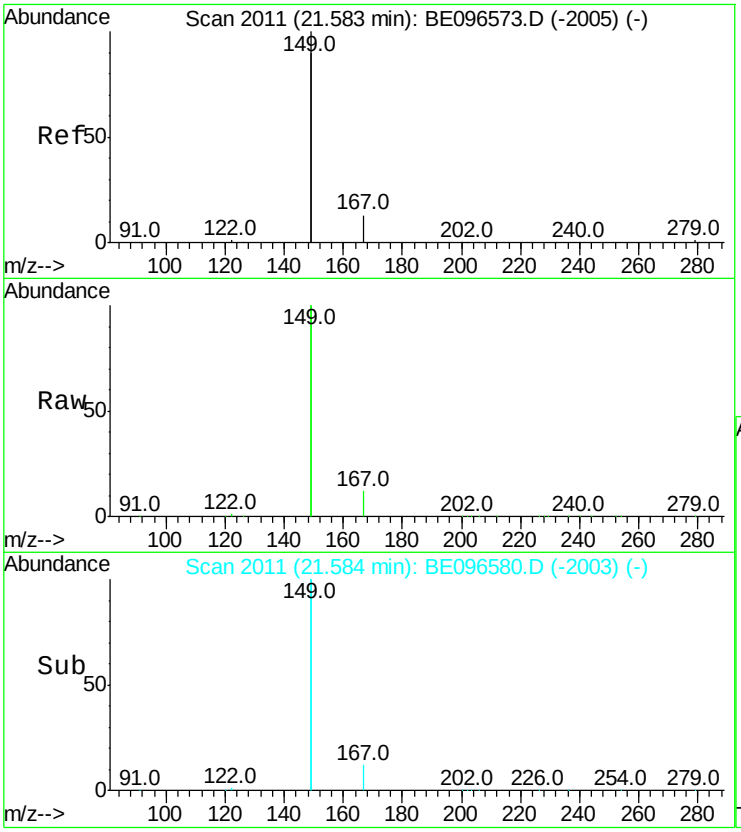


#30
Benzo(a)anthracene
Concen: 87.190 ng
RT: 21.72 min Scan# 2022
Delta R.T. 0.00 min
Lab File: BE096580.D
Acq: 15 May 2018 16:17

Tgt Ion:228 Resp: 986609

Ion	Ratio	Lower	Upper
228	100		
226	29.5	24.0	36.0
229	19.6	16.0	24.0



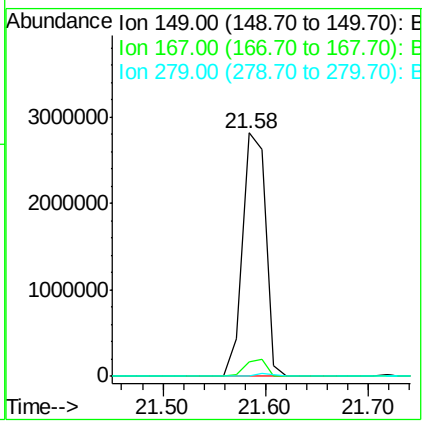


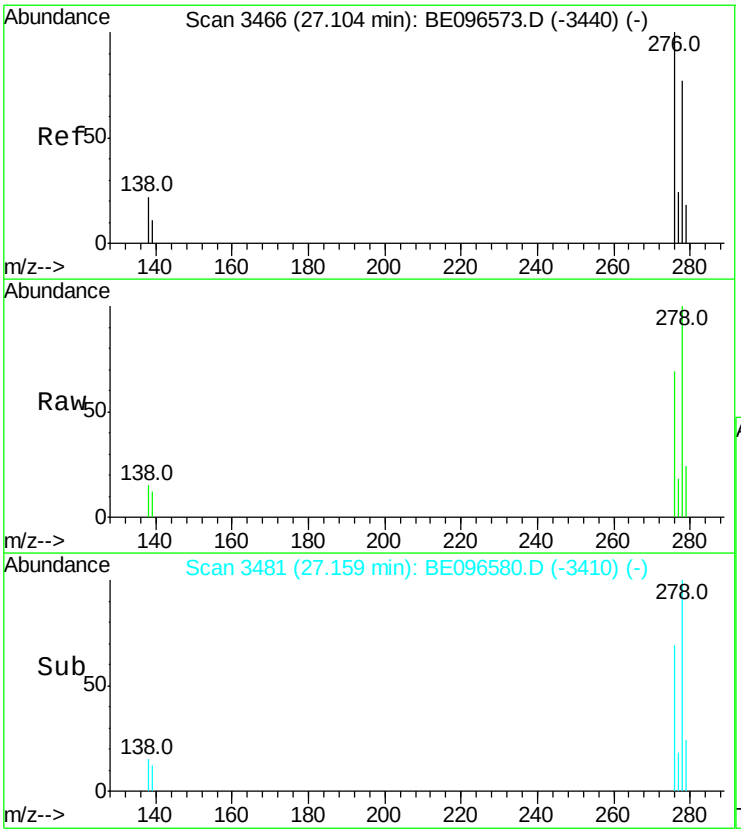
#32
Bis(2-ethylhexyl)phthalate
Concen: 180.413 ng
RT: 21.58 min Scan# 2011
Delta R.T. 0.00 min
Lab File: BE096580.D
Acq: 15 May 2018 16:17

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:149 Resp: 4369592

Ion	Ratio	Lower	Upper
149	100		
167	6.7	5.4	8.0
279	0.9	0.7	1.1

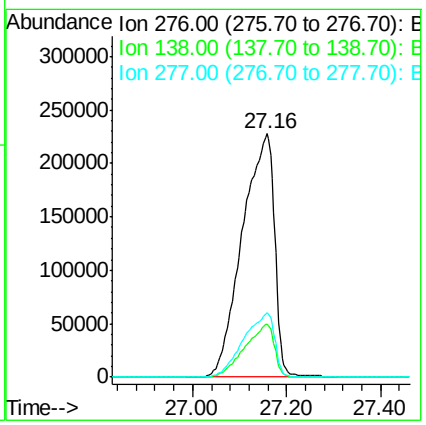


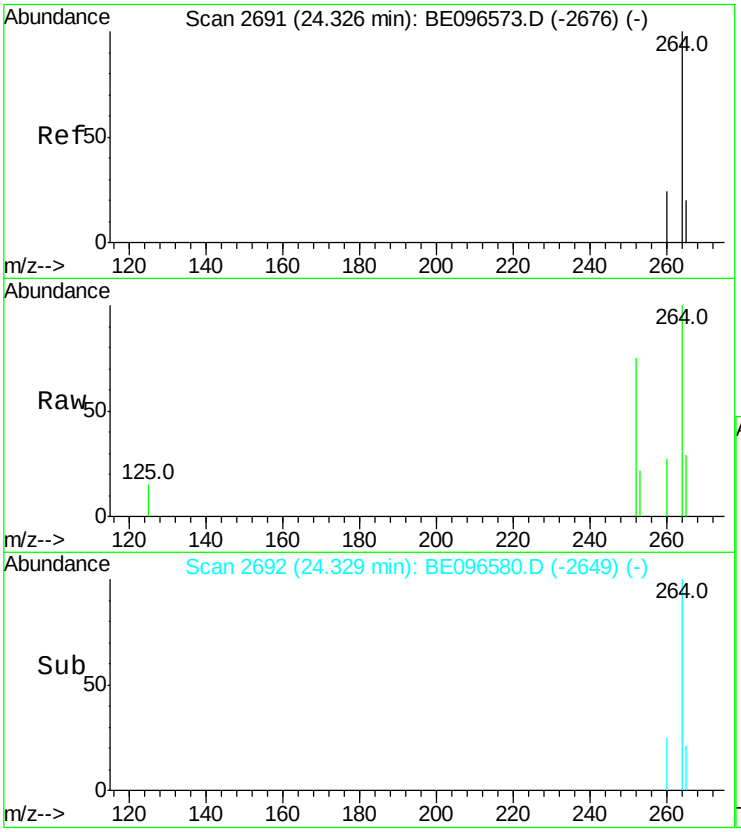


#33
Indeno(1,2,3-cd)pyrene
Concen: 95.715 ng
RT: 27.16 min Scan# 3481
Delta R.T. 0.05 min
Lab File: BE096580.D
Acq: 15 May 2018 16:17

Tgt Ion:276 Resp: 1080997

Ion	Ratio	Lower	Upper
276	100		
138	20.0	22.5	33.7#
277	25.5	19.9	29.9



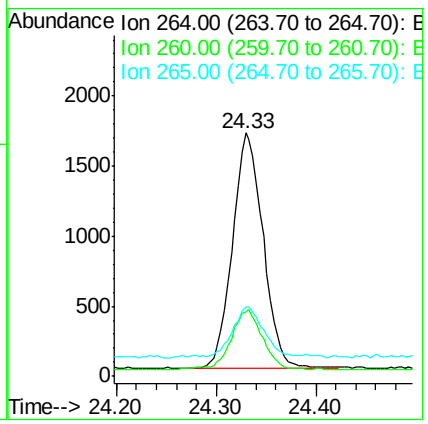


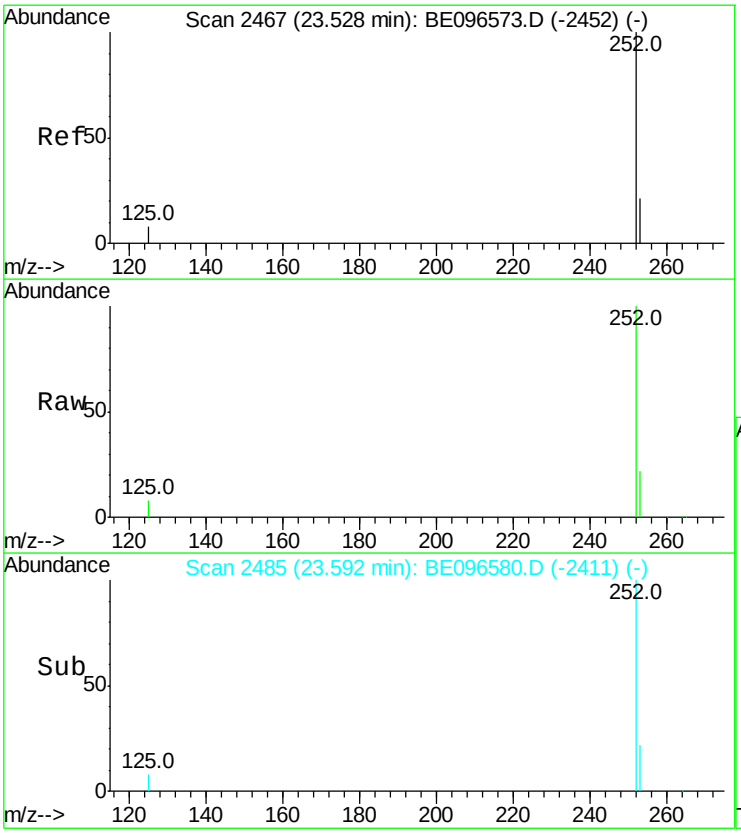
#34
Perylene-d12
Concen: 0.400 ng
RT: 24.33 min Scan# 2692
Delta R.T. 0.00 min
Lab File: BE096580.D
Acq: 15 May 2018 16:17

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:264 Resp: 3585

Ion	Ratio	Lower	Upper
264	100		
260	26.5	20.5	30.7
265	28.7	22.8	34.2

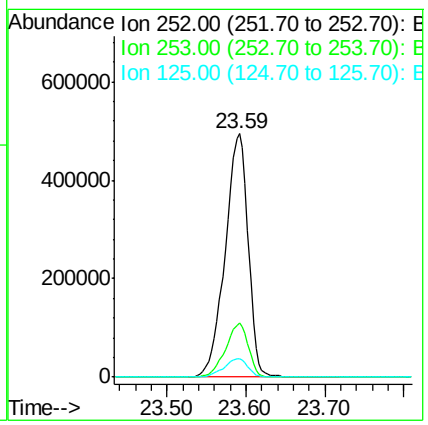


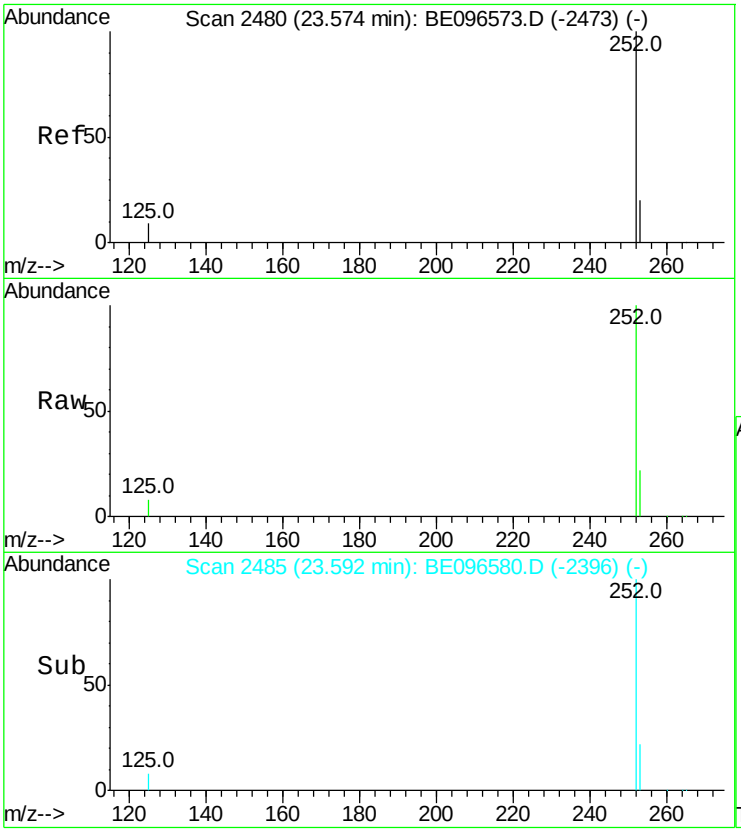


#35
Benzo(b)fluoranthene
Concen: 89.862 ng
RT: 23.59 min Scan# 2485
Delta R.T. 0.06 min
Lab File: BE096580.D
Acq: 15 May 2018 16:17

Tgt Ion:252 Resp: 993902

Ion	Ratio	Lower	Upper
252	100		
253	22.1	20.0	30.0
125	7.7	16.0	24.0#



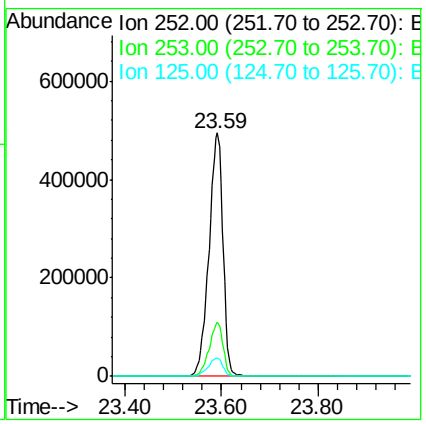


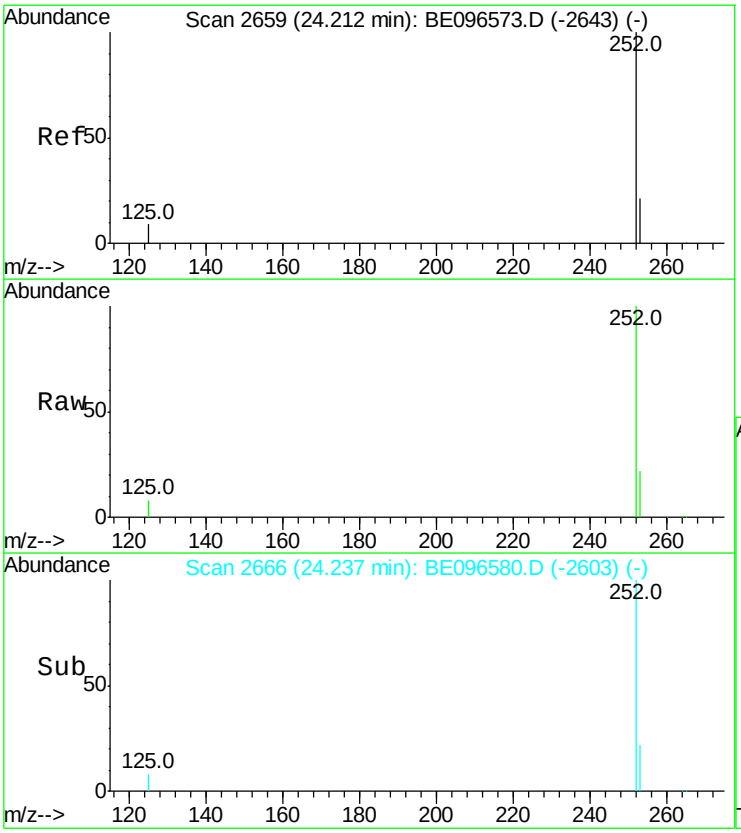
#36
Benzo(k)fluoranthene
Concen: 85.142 ng
RT: 23.59 min Scan# 2485
Delta R.T. 0.02 min
Lab File: BE096580.D
Acq: 15 May 2018 16:17

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 996884

Ion	Ratio	Lower	Upper
252	100		
253	22.1	16.0	24.0
125	7.7	8.0	12.0#

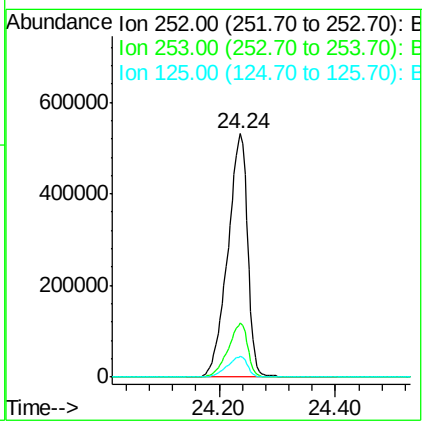


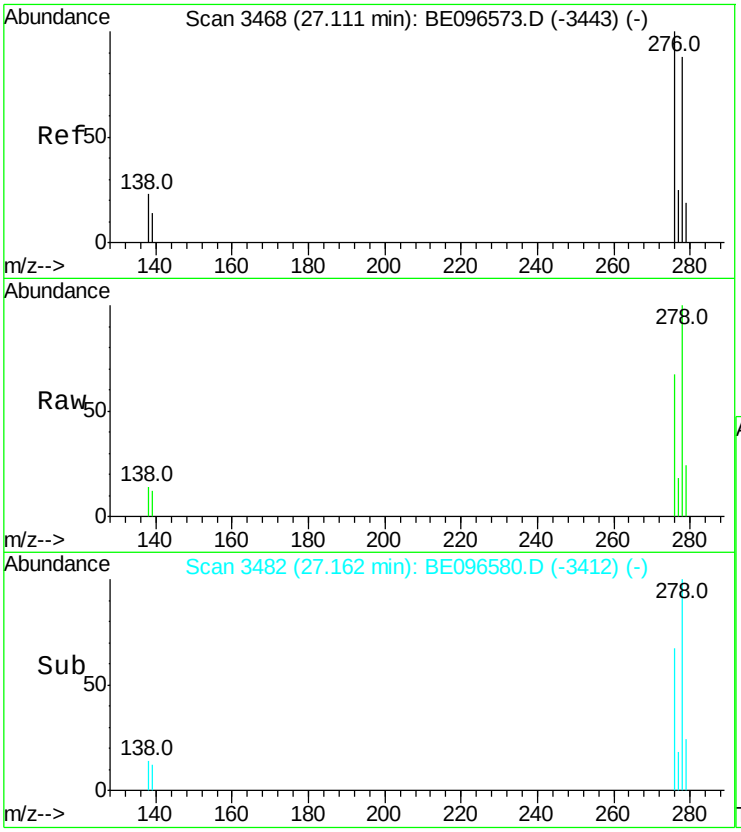


#37
Benzo(a)pyrene
Concen: 118.958 ng
RT: 24.24 min Scan# 2666
Delta R.T. 0.02 min
Lab File: BE096580.D
Acq: 15 May 2018 16:17

Tgt Ion:252 Resp: 1257565

Ion	Ratio	Lower	Upper
252	100		
253	22.0	16.0	24.0
125	8.5	12.0	18.0#



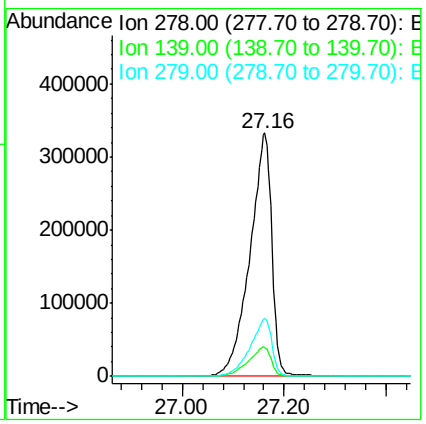


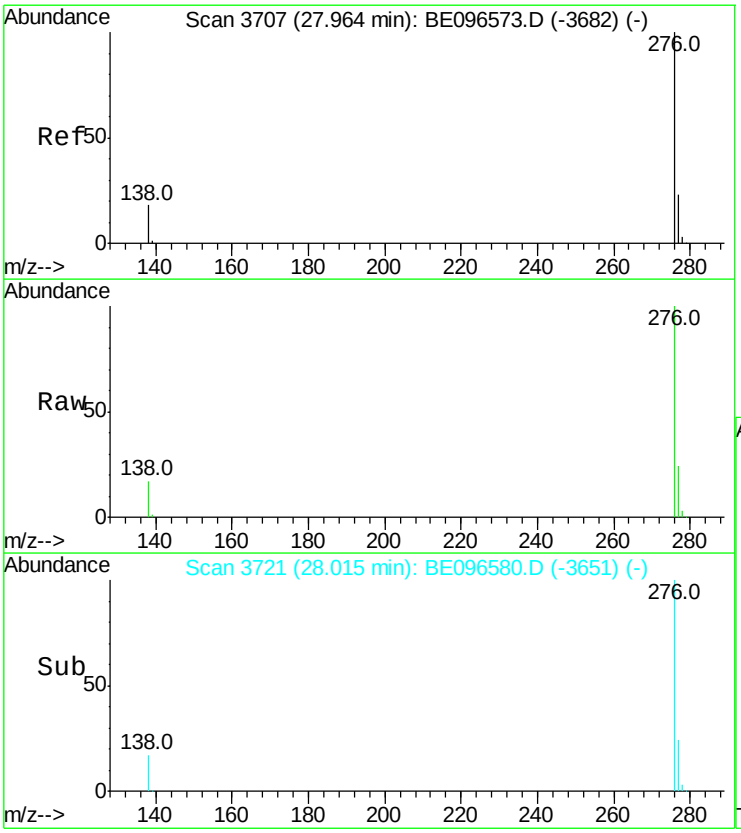
#38
Dibenzo(a,h)anthracene
Concen: 102.691 ng
RT: 27.16 min Scan# 3482
Delta R.T. 0.05 min
Lab File: BE096580.D
Acq: 15 May 2018 16:17

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:278 Resp: 992753

Ion	Ratio	Lower	Upper
278	100		
139	11.9	16.0	24.0#
279	23.8	20.0	30.0





#39
Benzo(g,h,i)perylene
Concen: 102.694 ng
RT: 28.01 min Scan# 3721
Delta R.T. 0.05 min
Lab File: BE096580.D
Acq: 15 May 2018 16:17

Tgt Ion:276 Resp: 1039054

Ion	Ratio	Lower	Upper
276	100		
277	23.7	16.0	24.0
138	16.9	20.0	30.0#