Data Path : Z:\HPCHEM1\BNA_E\DATA\BE051718\

Quantitation Report (Not Reviewed)

Data File : BE096615.D
Acq On : 17 May 2018 18:30
Operator : SJ/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDCCC0.4EC

Quant Time: May 18 05:16:26 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	713	0.40	ng		0.00
7) Naphthalene-d8	11.17	136	2954	0.40	ng		-0.01
13) Acenaphthene-d10	14.92	164	1640	0.40	ng		0.00
19) Phenanthrene-d10	17.64	188	3650	0.40	ng		0.00
27) Chrysene-d12	21.73	240	3458	0.40	ng		0.00
34) Perylene-d12	24.33	264	3207	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.85	112	713	0.36	ng		0.00
5) Phenol-d6	7.50	99	1001	0.36	ng		0.00
8) Nitrobenzene-d5	9.42	82	119	0.04	ng		-0.10
11) 2-Methylnaphthalene-d10	12.72	152	1765	0.37	ng		0.00
14) 2,4,6-Tribromophenol	16.40	330	236	0.36	ng		0.00
15) 2-Fluorobiphenyl	13.56	172	2793	0.40	ng		0.00
25) Fluoranthene-d10	19.62	212	16453	0.37	ng		0.00
29) Terphenyl-d14	20.18	244	2955	0.38	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.58	88	404	0.38	ng		92
3) n-Nitrosodimethylamine	3.95	42	498	0.37	ng	#	72
6) bis(2-Chloroethyl)ether	7.74	93	1002	0.38	ng		86
9) Naphthalene	11.22	128	11609	0.37	ng		100
10) Hexachlorobutadiene	11.48	225	627	0.36	ng		92
12) 2-Methylnaphthalene	12.79	142	1955	0.37	ng	#	92
16) Acenaphthylene	14.66	152	3289	0.38	ng		100
17) Acenaphthene	14.98	154	1994	0.38	ng		92
18) Fluorene	15.95	166	2439	0.38	ng	#	77
20) 4-Bromophenyl-phenylether	16.82	248	857	0.39	ng	#	77
21) Hexachlorobenzene	16.95	284	890	0.39	ng	#	80
22) Pentachlorophenol	17.31	266	138	0.37	ng		89
23) Phenanthrene	17.67	178	3879	0.38	ng		99
24) Anthracene	17.77	178	3514	0.37	ng		95
26) Fluoranthene	19.65	202	4567	0.37	ng	#	97
28) Pyrene	20.00	202	2444	0.39	ng	#	95
30) Benzo(a)anthracene	21.72	228	3927	0.37	ng		98
31) Chrysene	21.78	228	4210	0.38	ng		98
32) Bis(2-ethylhexyl)phthalate	21.58	149	7902	0.35	ng		100
33) Indeno(1,2,3-cd)pyrene	27.09	276	3992	0.38	ng	#	92
35) Benzo(b)fluoranthene	23.52	252	3761	0.38	ng	#	91
36) Benzo(k)fluoranthene	23.57	252	3988	0.38	ng	#	93
37) Benzo(a)pyrene	24.21	252	3573	0.38	ng	#	91
38) Dibenzo(a,h)anthracene	27.11	278	3169	0.37	ng		95
39) Benzo(g,h,i)perylene	27.96	276	3421	0.38	ng	#	91

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

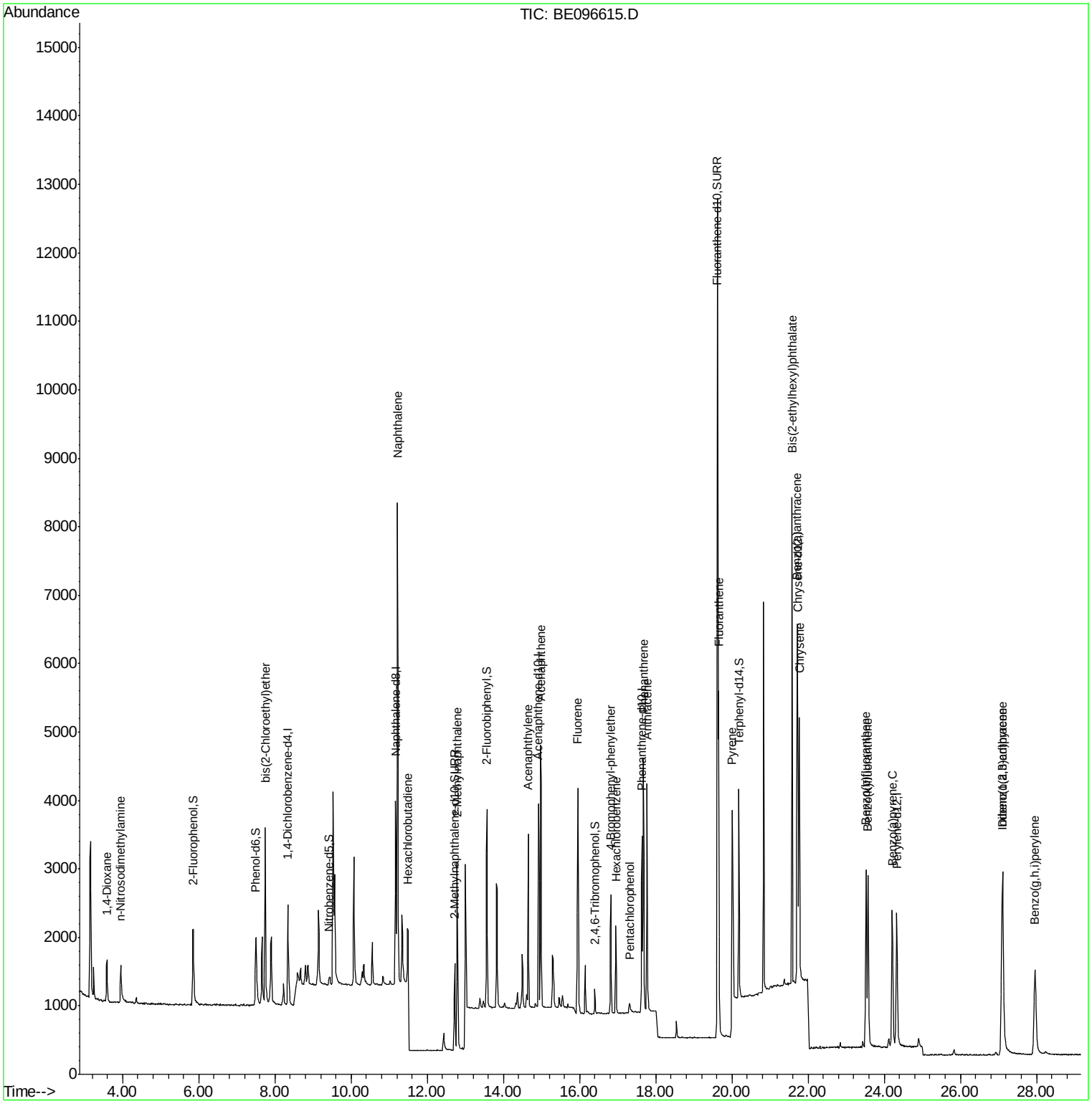
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE051718\

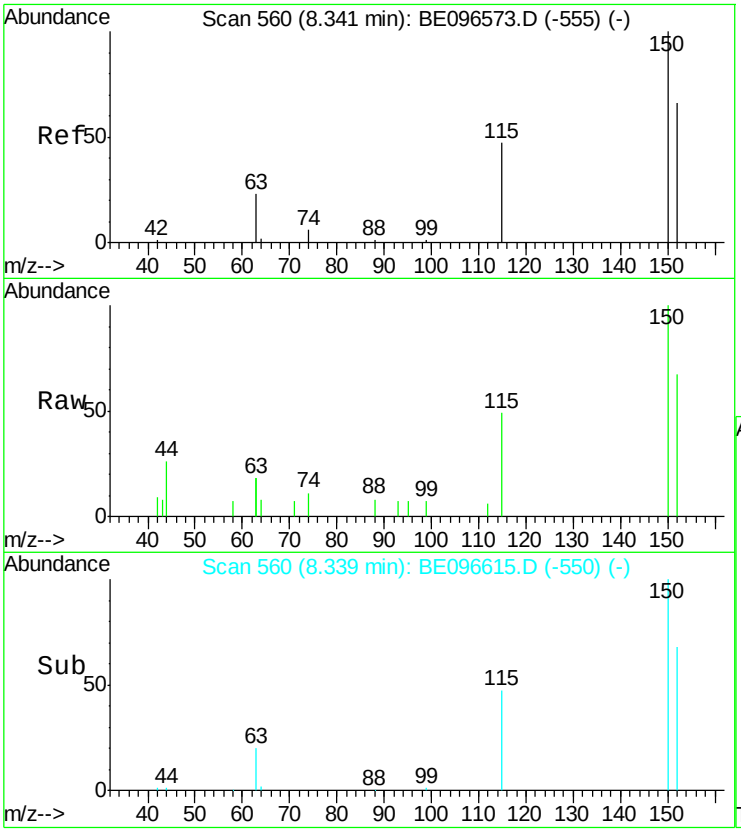
Quantitation Report (Not Reviewed)

Data File : BE096615.D
Acq On : 17 May 2018 18:30
Operator : SJ/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Quant Time: May 18 05:16:26 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



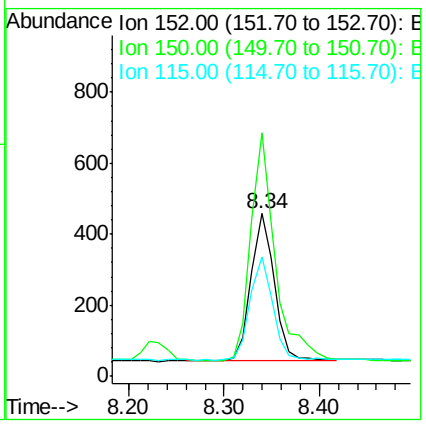


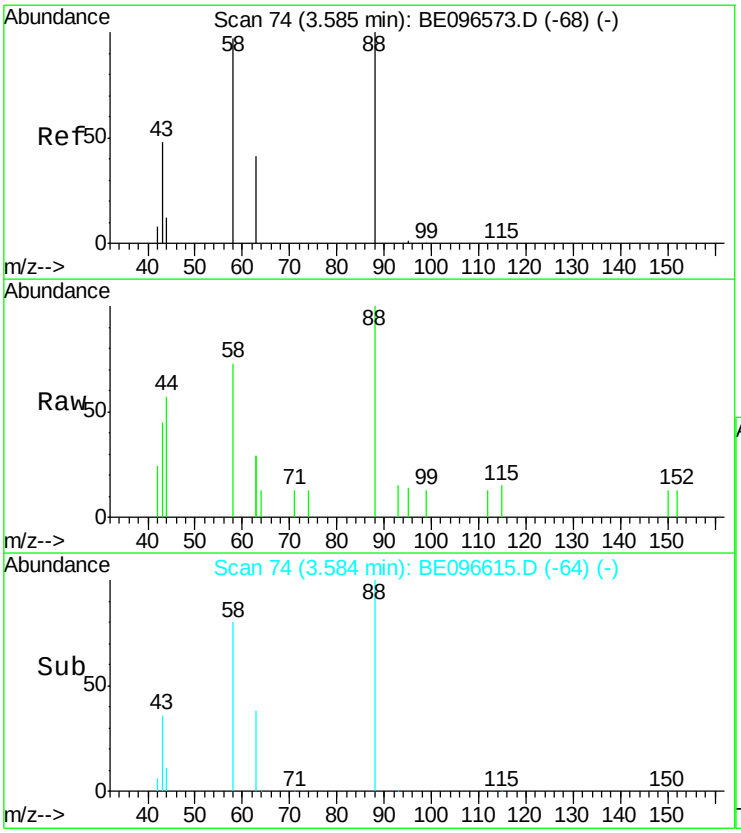
#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 8.34 min Scan# 560
Delta R.T. -0.00 min
Lab File: BE096615.D
Acq: 17 May 2018 18:30

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:152 Resp: 713

Ion	Ratio	Lower	Upper
152	100		
150	149.8	117.2	175.8
115	73.6	57.0	85.6

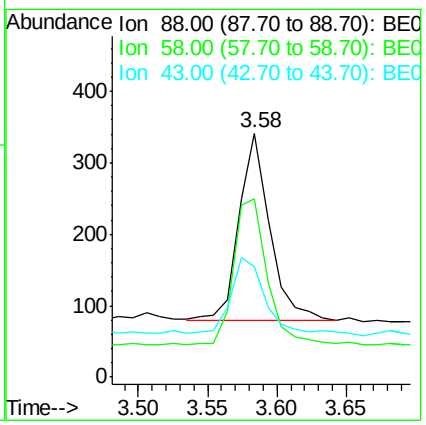


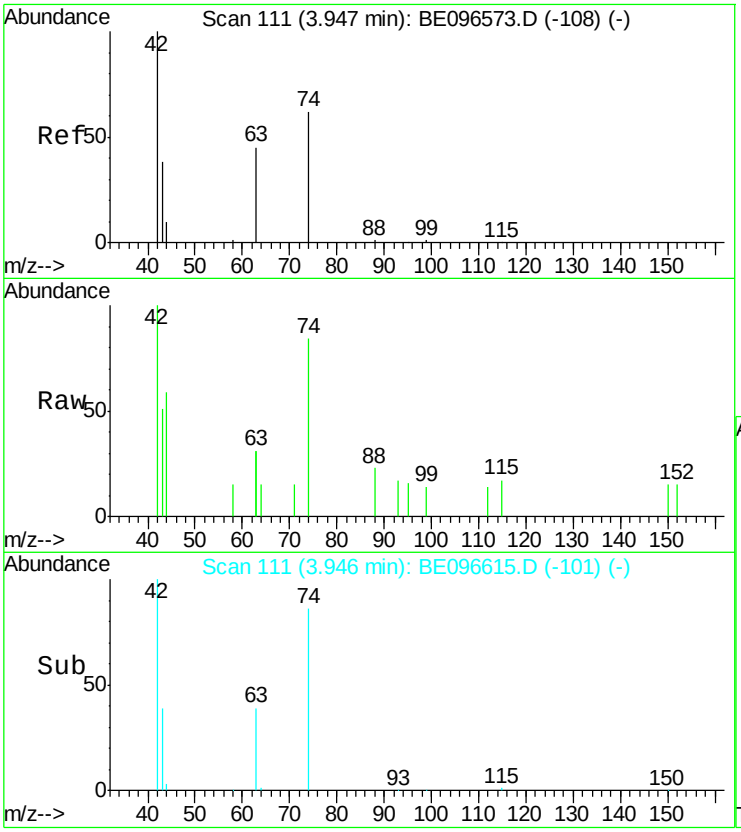


#2
1,4-Dioxane
Concen: 0.38 ng
RT: 3.58 min Scan# 74
Delta R.T. -0.00 min
Lab File: BE096615.D
Acq: 17 May 2018 18:30

Tgt Ion: 88 Resp: 404

Ion	Ratio	Lower	Upper
88	100		
58	84.2	63.2	94.8
43	42.8	41.2	61.8



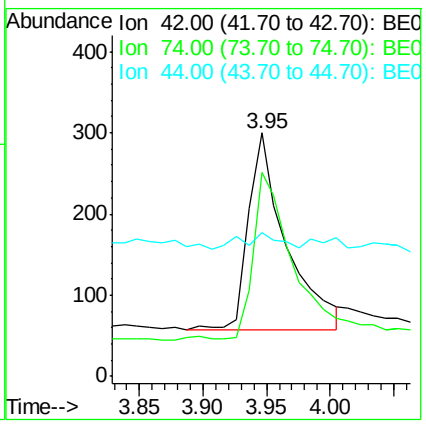


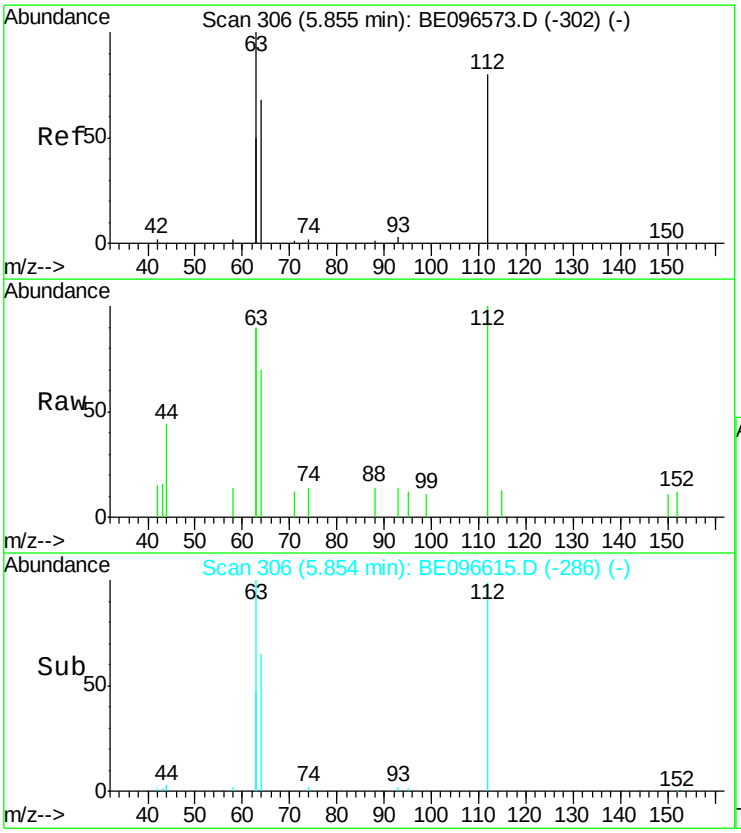
#3
n-Nitrosodimethylamine
Concen: 0.37 ng
RT: 3.95 min Scan# 111
Delta R.T. -0.00 min
Lab File: BE096615.D
Acq: 17 May 2018 18:30

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion: 42 Resp: 498

Ion	Ratio	Lower	Upper
42	100		
74	88.0	96.0	144.0#
44	7.8	12.0	18.0#

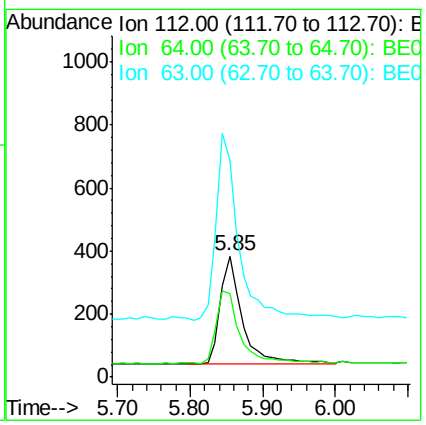


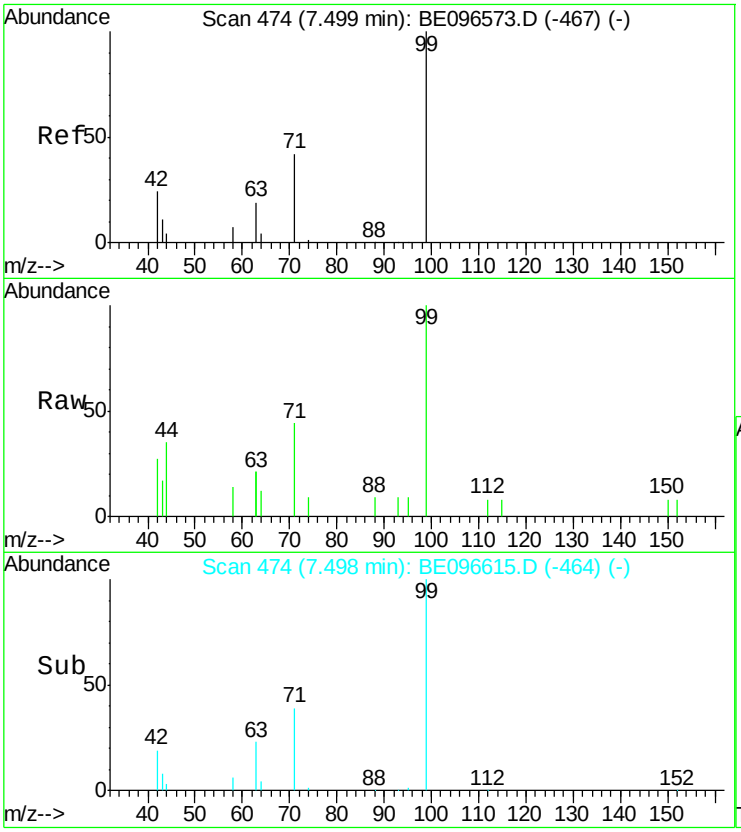


#4
2-Fluorophenol
Concen: 0.36 ng
RT: 5.85 min Scan# 306
Delta R.T. -0.00 min
Lab File: BE096615.D
Acq: 17 May 2018 18:30

Tgt Ion:112 Resp: 713

Ion	Ratio	Lower	Upper
112	100		
64	73.9	60.1	90.1
63	179.9	116.8	175.2#



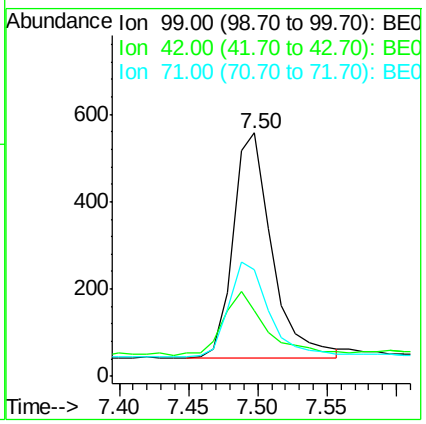


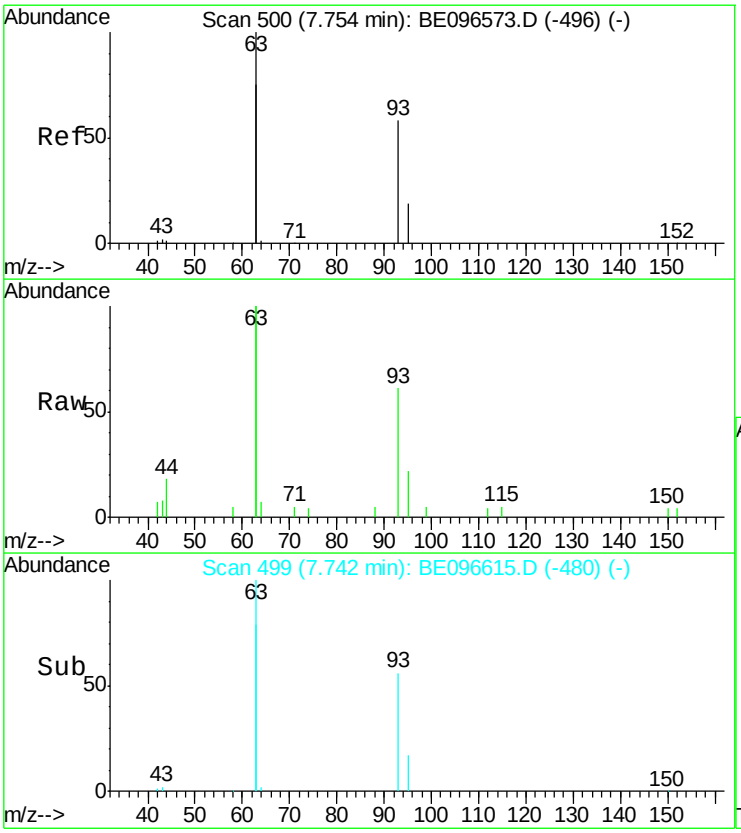
#5
Phenol-d6
Concen: 0.36 ng
RT: 7.50 min Scan# 474
Delta R.T. -0.00 min
Lab File: BE096615.D
Acq: 17 May 2018 18:30

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion: 99 Resp: 1001

Ion	Ratio	Lower	Upper
99	100		
42	30.3	20.2	30.2#
71	44.6	28.4	42.6#

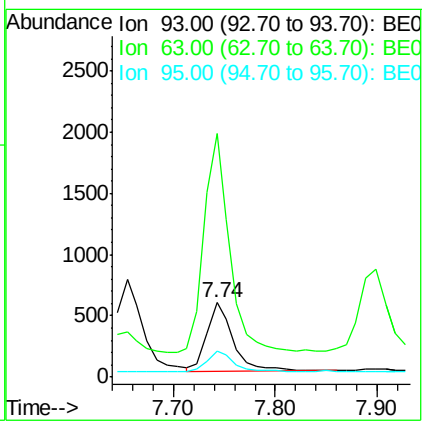


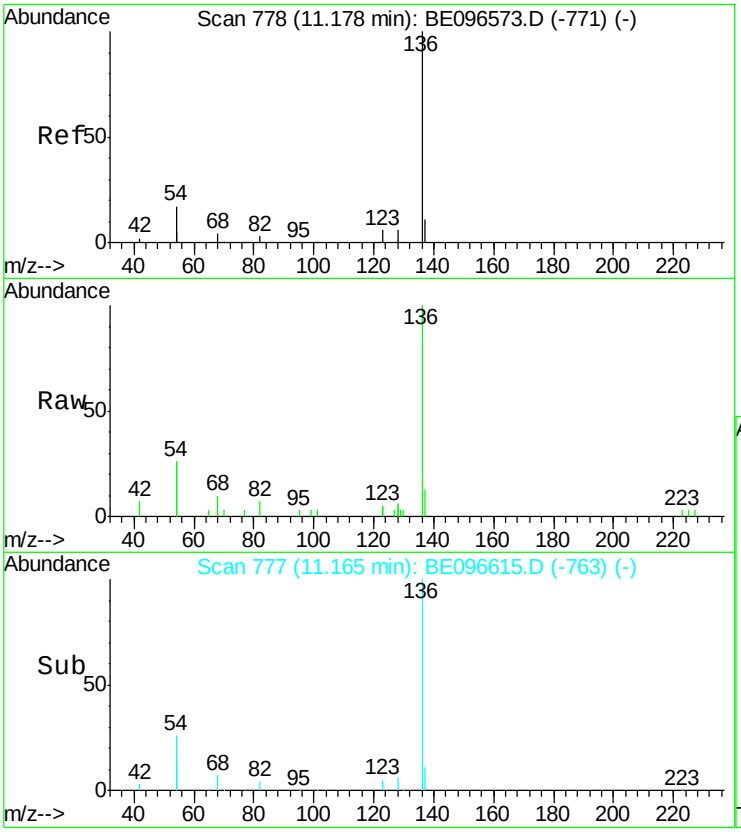


#6
bis(2-Chloroethyl)ether
Concen: 0.38 ng
RT: 7.74 min Scan# 499
Delta R.T. -0.01 min
Lab File: BE096615.D
Acq: 17 May 2018 18:30

Tgt Ion: 93 Resp: 1002

Ion	Ratio	Lower	Upper
93	100		
63	312.7	275.3	412.9
95	30.4	25.2	37.8



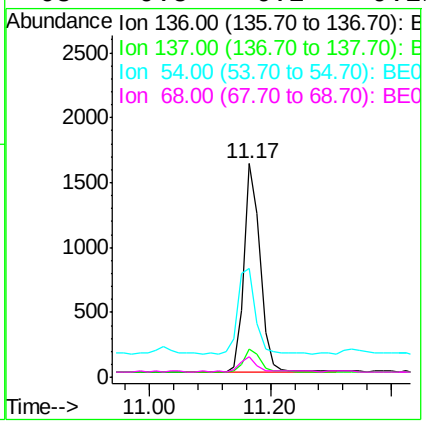


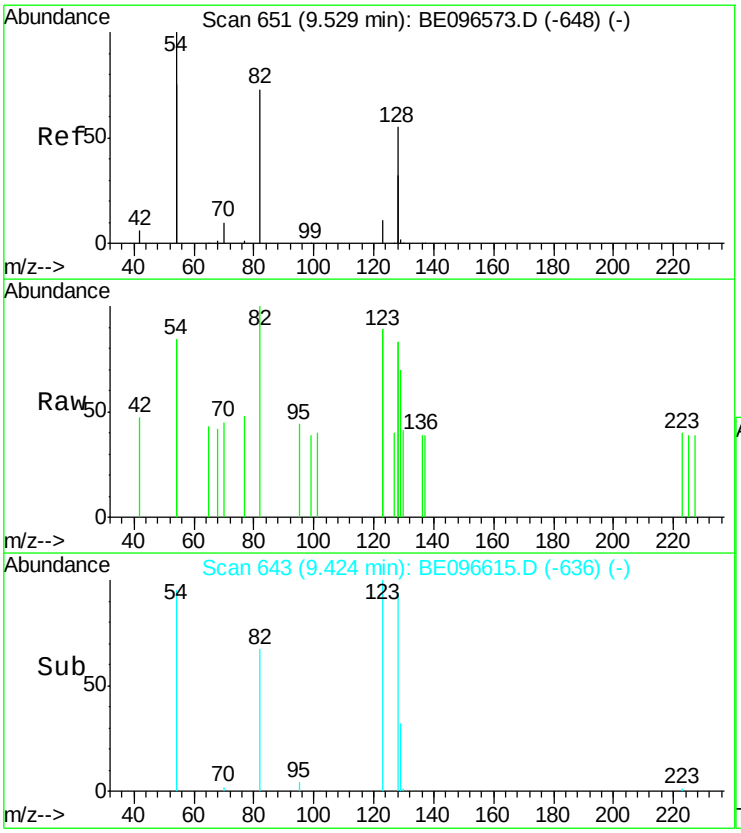
#7
Naphthalene-d8
Concen: 0.40 ng
RT: 11.17 min Scan# 777
Delta R.T. -0.01 min
Lab File: BE096615.D
Acq: 17 May 2018 18:30

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:136 Resp: 2954

Ion	Ratio	Lower	Upper
136	100		
137	13.0	9.5	14.3
54	51.0	29.1	43.7#
68	9.5	6.2	9.2#

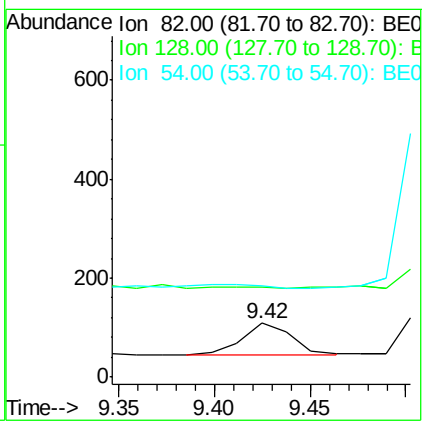


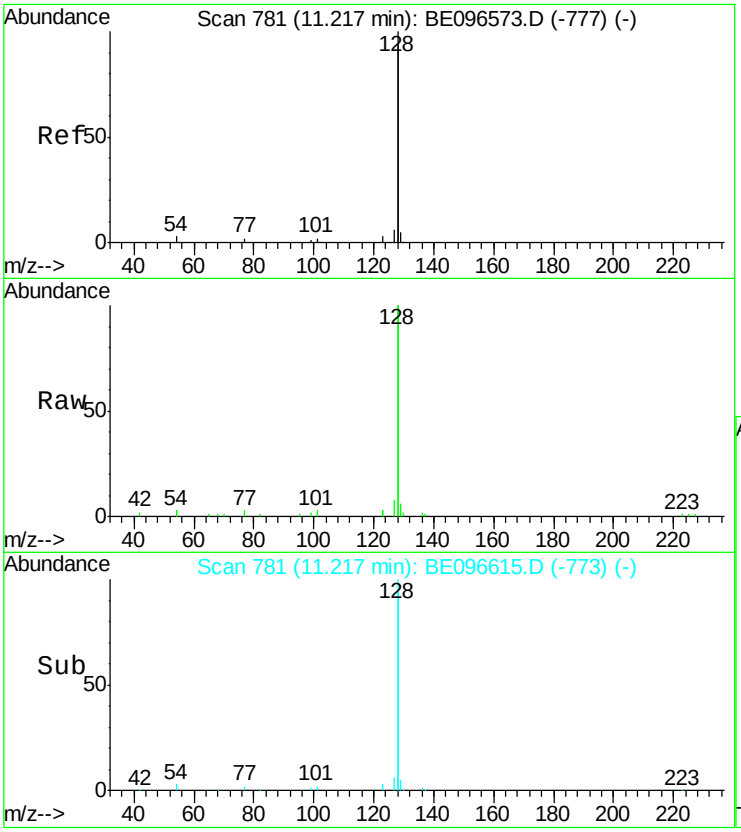


#8
Nitrobenzene-d5
Concen: 0.04 ng
RT: 9.42 min Scan# 643
Delta R.T. -0.10 min
Lab File: BE096615.D
Acq: 17 May 2018 18:30

Tgt Ion: 82 Resp: 119

Ion	Ratio	Lower	Upper
82	100		
128	167.0	150.0	225.0
54	168.8	154.2	231.4



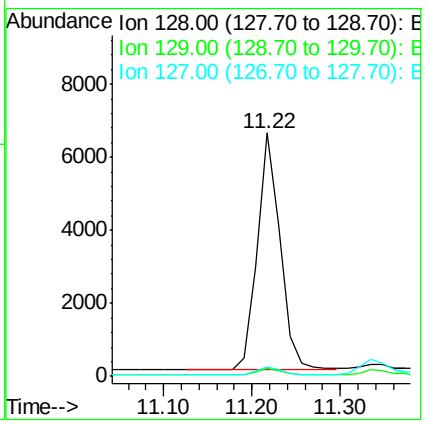


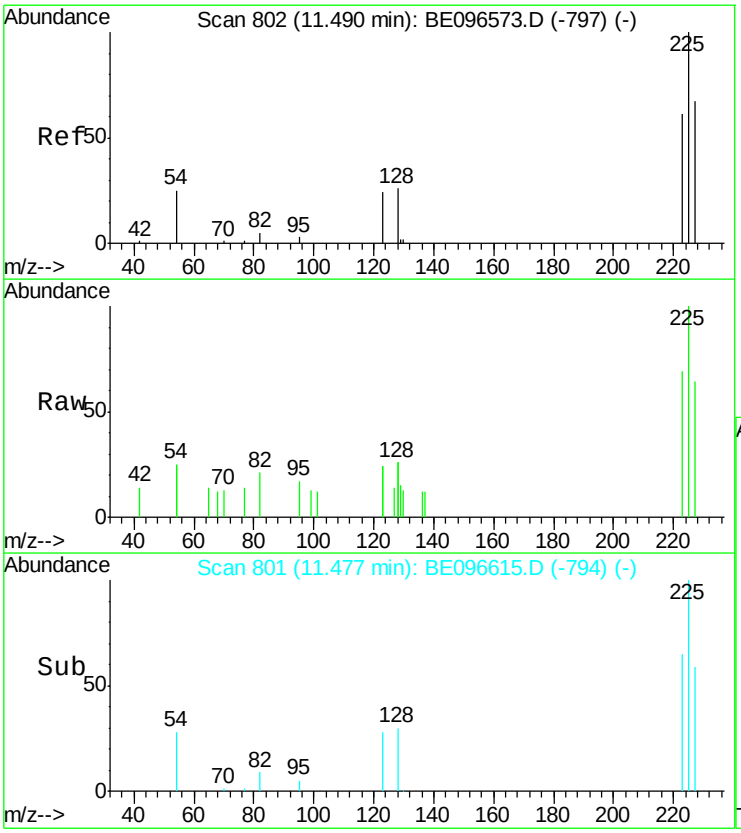
#9
Naphthalene
Concen: 0.37 ng
RT: 11.22 min Scan# 781
Delta R.T. -0.00 min
Lab File: BE096615.D
Acq: 17 May 2018 18:30

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:128 Resp: 11609

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

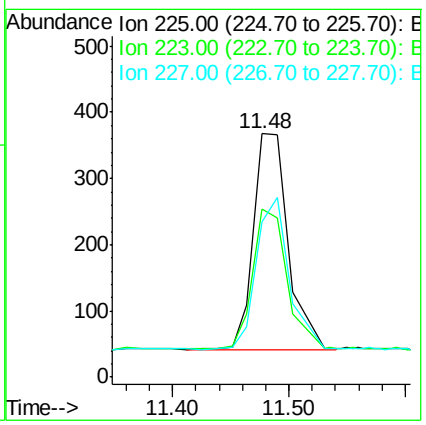


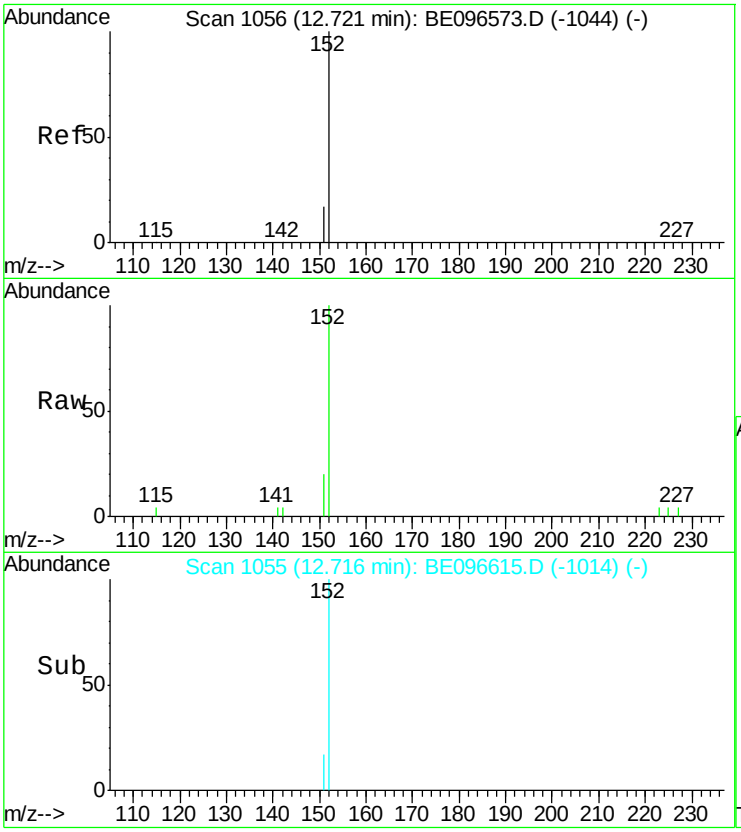


#10
Hexachlorobutadiene
Concen: 0.36 ng
RT: 11.48 min Scan# 801
Delta R.T. -0.01 min
Lab File: BE096615.D
Acq: 17 May 2018 18:30

Tgt Ion:225 Resp: 627

Ion	Ratio	Lower	Upper
225	100		
223	60.4	53.0	79.6
227	70.8	51.4	77.2



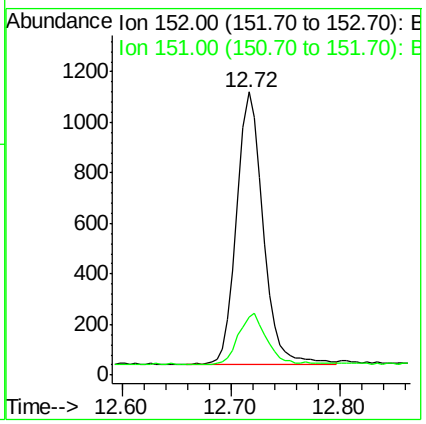


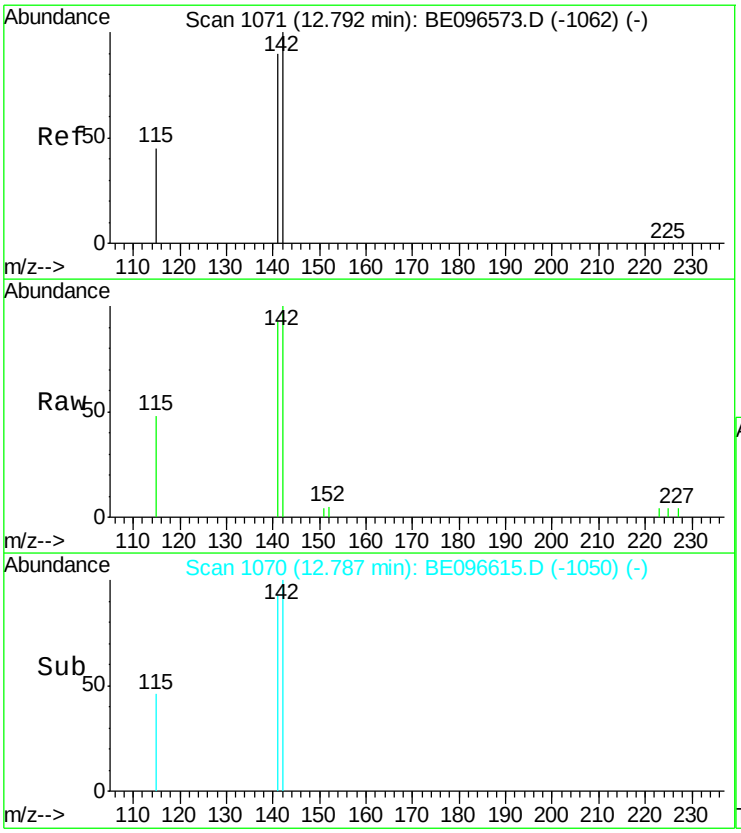
#11
2-Methylnaphthalene-d10
Concen: 0.37 ng
RT: 12.72 min Scan# 1055
Delta R.T. -0.01 min
Lab File: BE096615.D
Acq: 17 May 2018 18:30

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:152 Resp: 1765

Ion	Ratio	Lower	Upper
152	100		
151	19.8	15.4	23.0

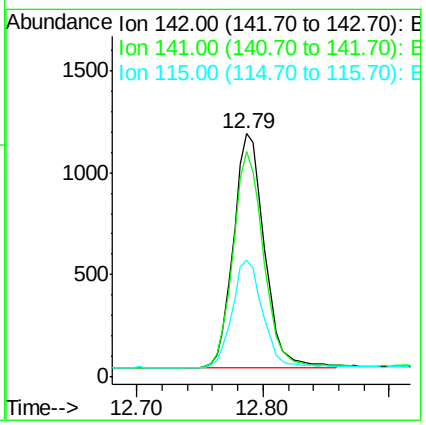


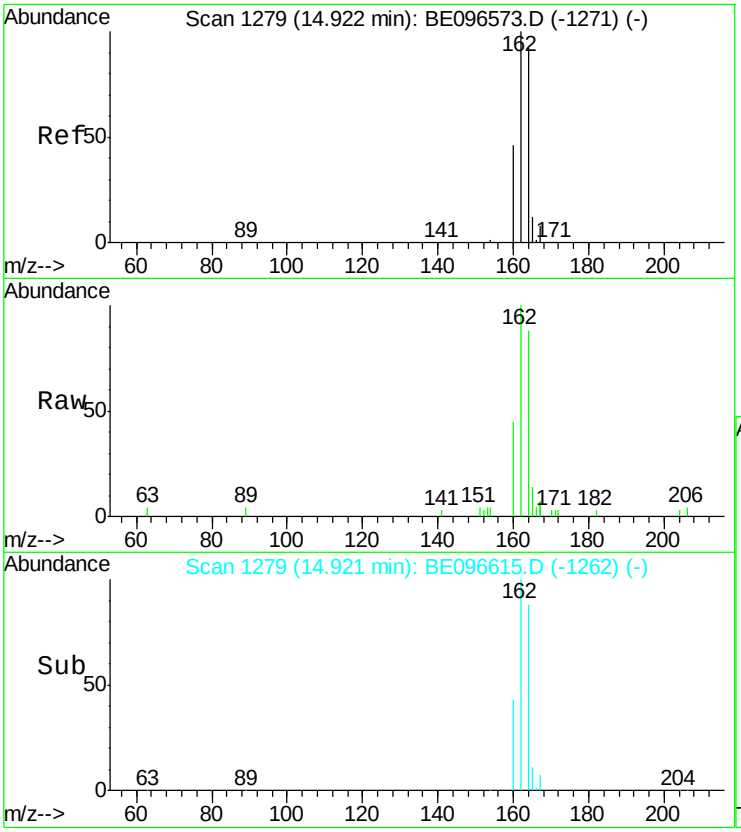


#12
2-Methylnaphthalene
Concen: 0.37 ng
RT: 12.79 min Scan# 1070
Delta R.T. -0.01 min
Lab File: BE096615.D
Acq: 17 May 2018 18:30

Tgt Ion:142 Resp: 1955

Ion	Ratio	Lower	Upper
142	100		
141	92.9	70.4	105.6
115	48.2	31.7	47.5#



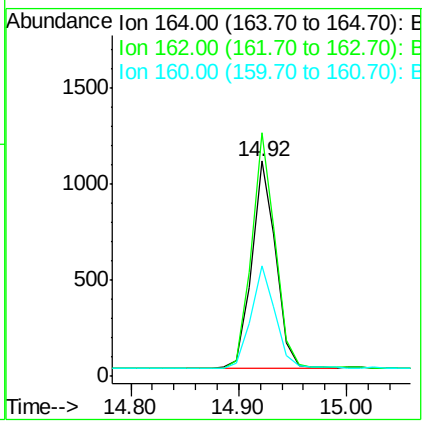


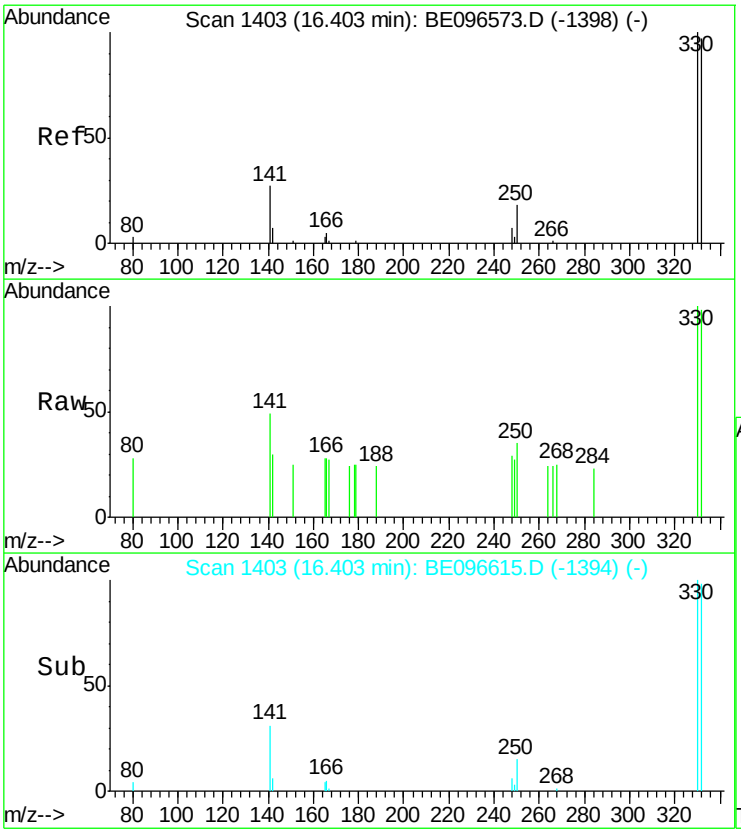
#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.92 min Scan# 1279
Delta R.T. -0.00 min
Lab File: BE096615.D
Acq: 17 May 2018 18:30

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:164 Resp: 1640

Ion	Ratio	Lower	Upper
164	100		
162	113.3	83.1	124.7
160	51.5	37.1	55.7

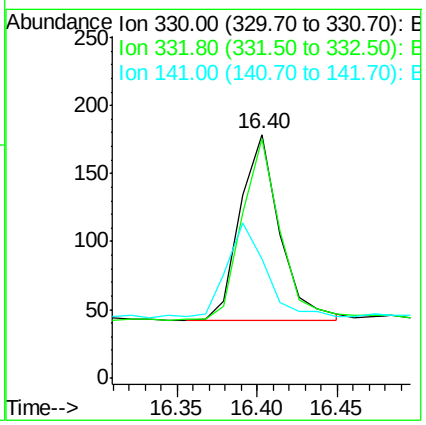


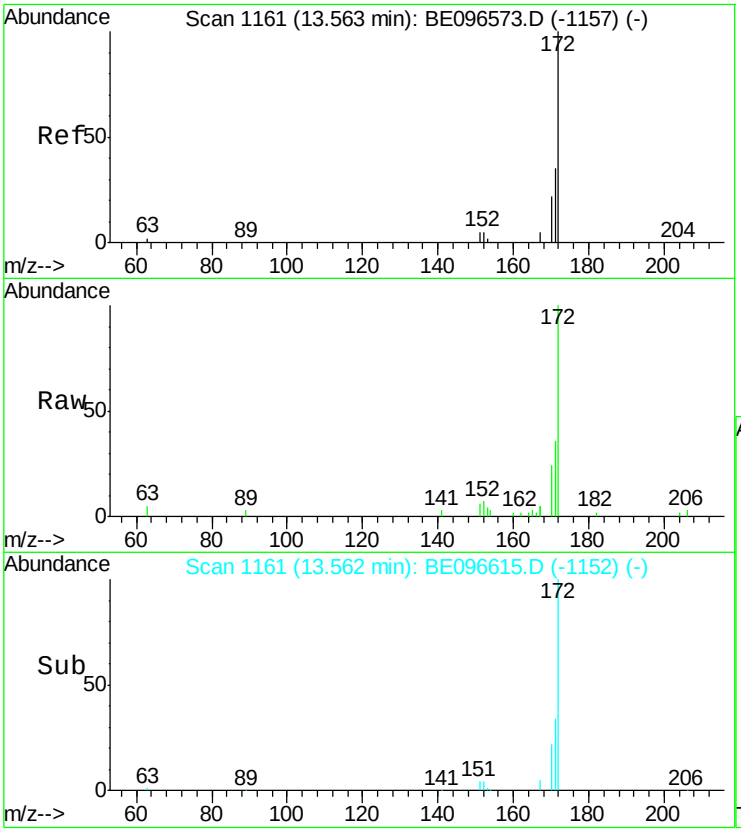


#14
2,4,6-Tribromophenol
Concen: 0.36 ng
RT: 16.40 min Scan# 1403
Delta R.T. 0.00 min
Lab File: BE096615.D
Acq: 17 May 2018 18:30

Tgt Ion:330 Resp: 236

Ion	Ratio	Lower	Upper
330	100		
332	94.9	152.7	229.1#
141	51.3	33.7	50.5#



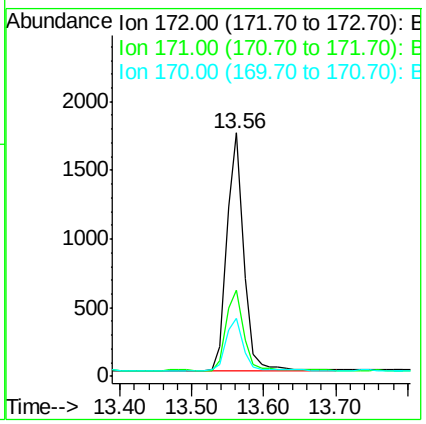


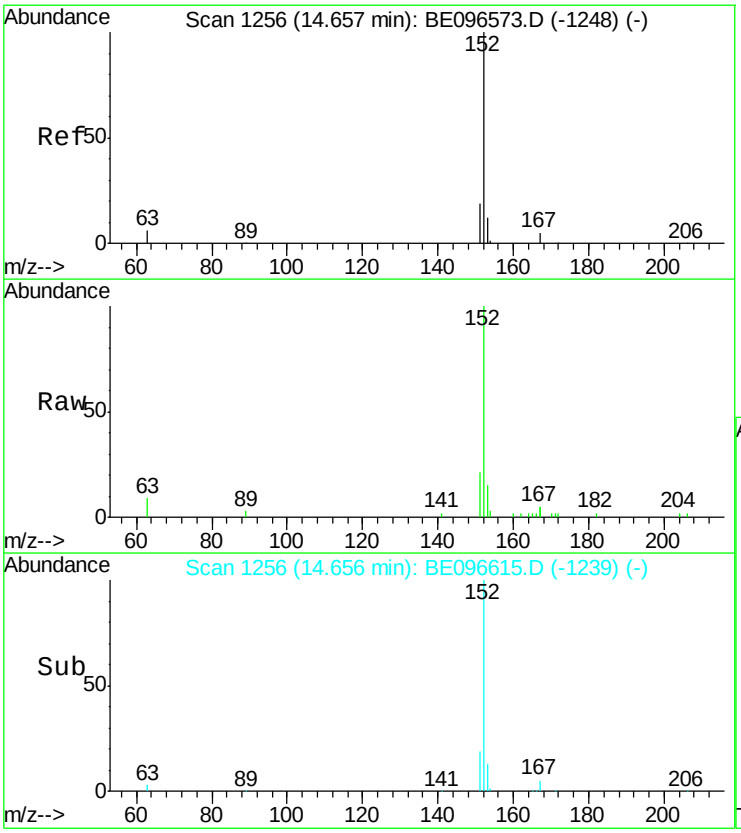
#15
2-Fluorobiphenyl
Concen: 0.40 ng
RT: 13.56 min Scan# 1161
Delta R.T. -0.00 min
Lab File: BE096615.D
Acq: 17 May 2018 18:30

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:172 Resp: 2793

Ion	Ratio	Lower	Upper
172	100		
171	35.5	29.9	44.9
170	23.7	21.8	32.8

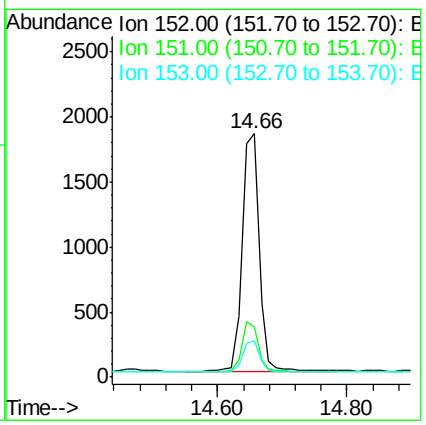


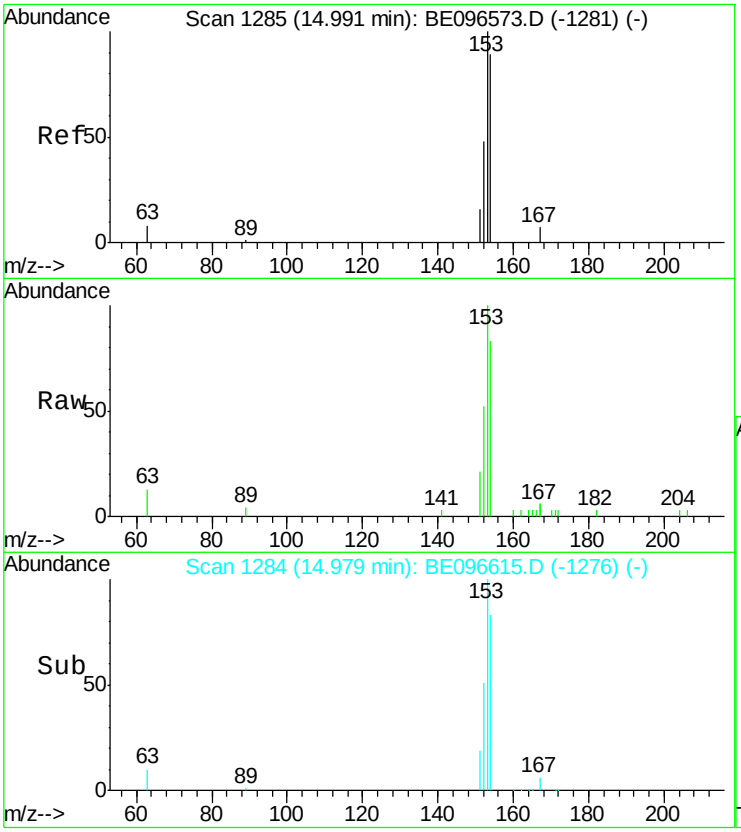


#16
Acenaphthylene
Concen: 0.38 ng
RT: 14.66 min Scan# 1256
Delta R.T. -0.00 min
Lab File: BE096615.D
Acq: 17 May 2018 18:30

Tgt Ion:152 Resp: 3289

Ion	Ratio	Lower	Upper
152	100		
151	19.8	15.7	23.5
153	13.0	10.5	15.7



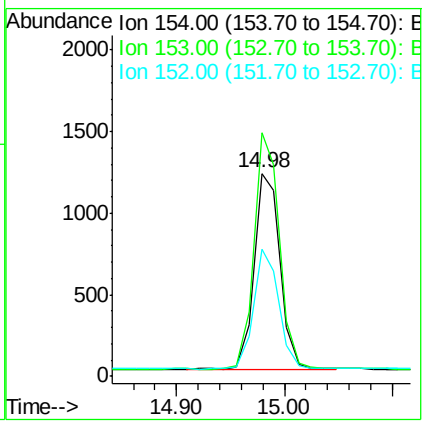


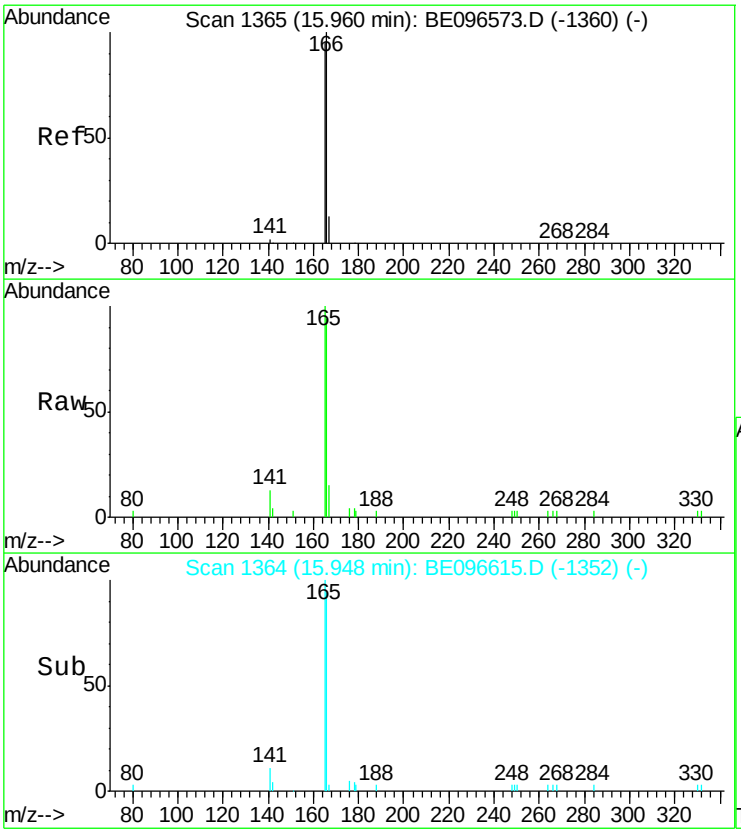
#17
Acenaphthene
Concen: 0.38 ng
RT: 14.98 min Scan# 1284
Delta R.T. -0.01 min
Lab File: BE096615.D
Acq: 17 May 2018 18:30

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:154 Resp: 1994

Ion	Ratio	Lower	Upper
154	100		
153	118.7	89.2	133.8
152	60.7	42.0	63.0

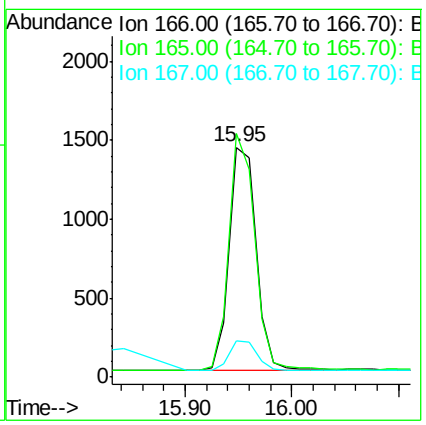


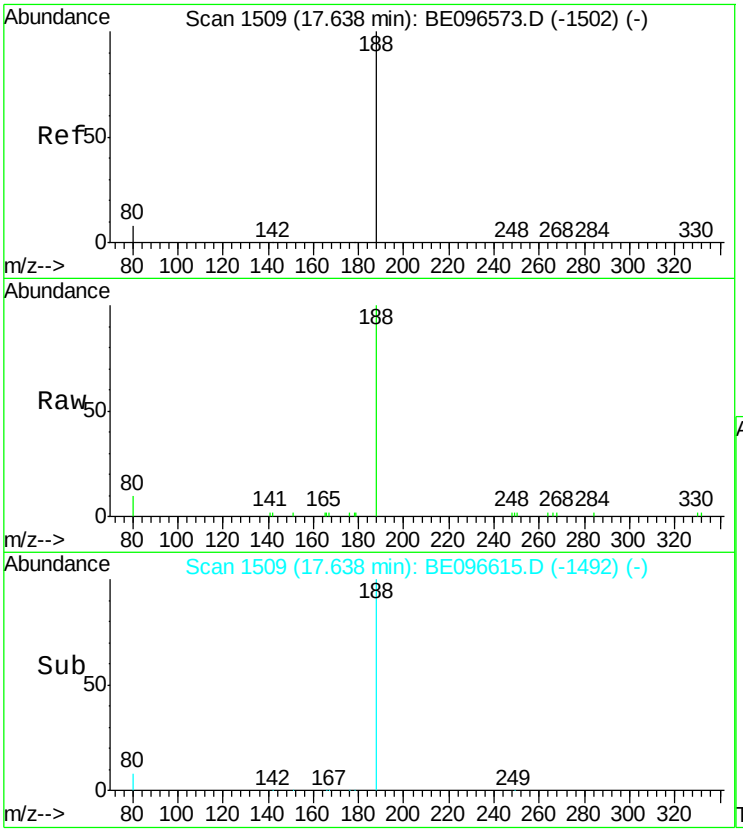


#18
Fluorene
Concen: 0.38 ng
RT: 15.95 min Scan# 1364
Delta R.T. -0.01 min
Lab File: BE096615.D
Acq: 17 May 2018 18:30

Tgt Ion:166 Resp: 2439

Ion	Ratio	Lower	Upper
166	100		
165	102.5	77.8	116.6
167	13.8	42.4	63.6#



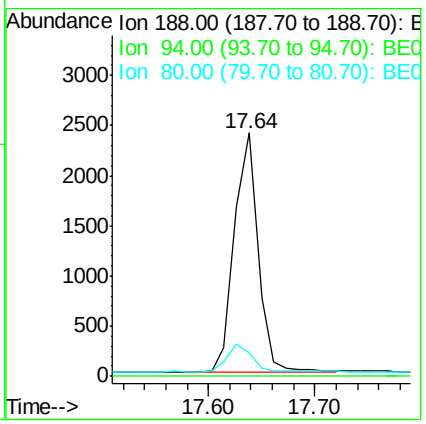


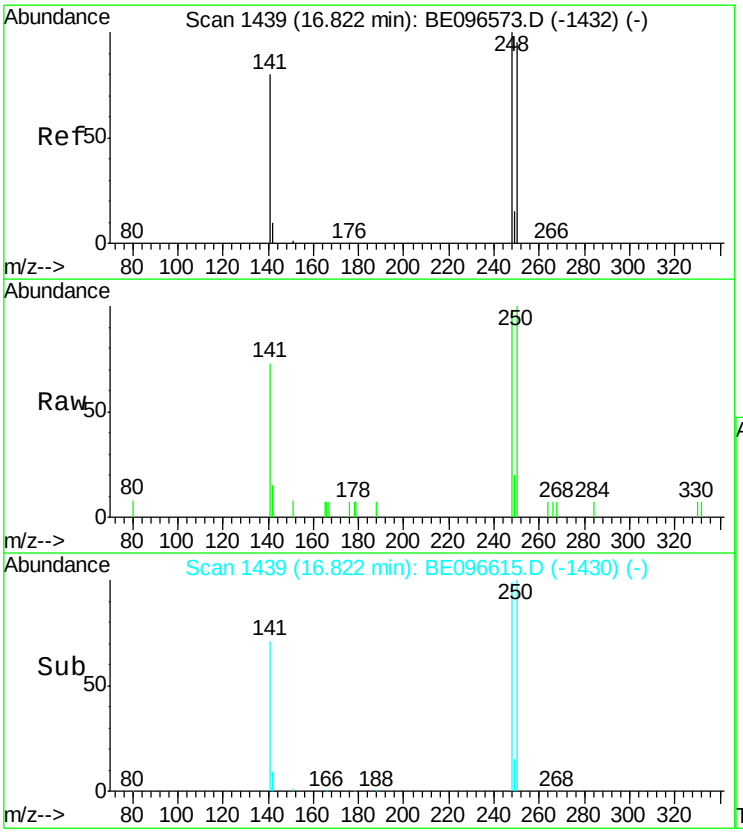
#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.64 min Scan# 1509
Delta R.T. -0.00 min
Lab File: BE096615.D
Acq: 17 May 2018 18:30

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:188 Resp: 3650

Ion	Ratio	Lower	Upper
188	100		
94	0.0	3.9	5.9#
80	9.6	3.6	5.4#

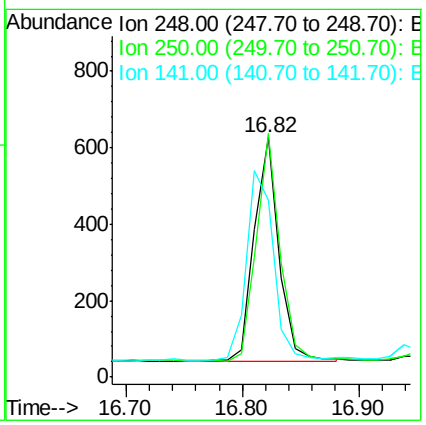


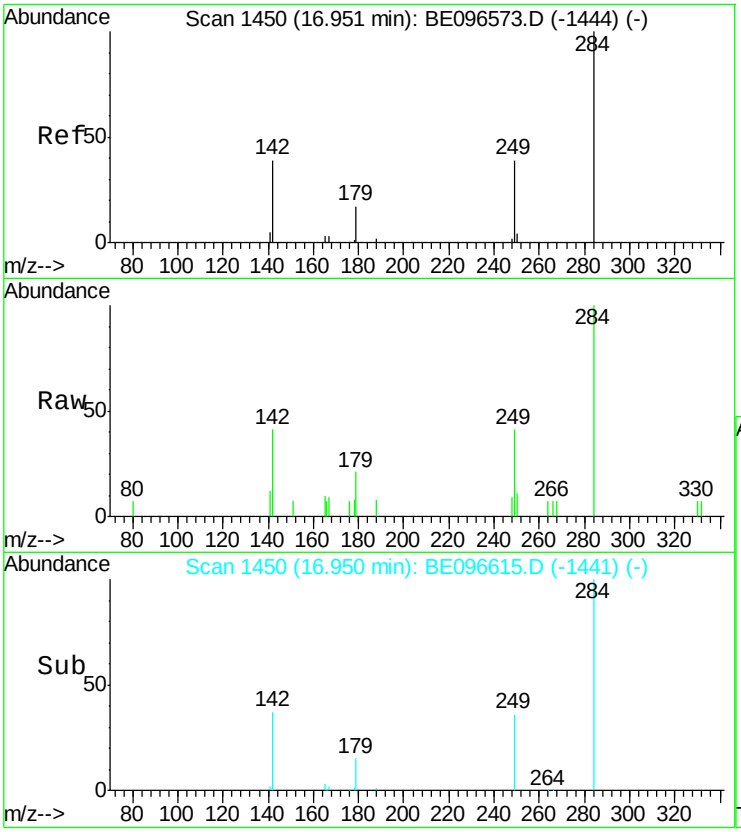


#20
4-Bromophenyl-phenylether
Concen: 0.39 ng
RT: 16.82 min Scan# 1439
Delta R.T. -0.00 min
Lab File: BE096615.D
Acq: 17 May 2018 18:30

Tgt Ion:248 Resp: 857

Ion	Ratio	Lower	Upper
248	100		
250	101.8	62.7	94.1#
141	74.0	48.2	72.2#



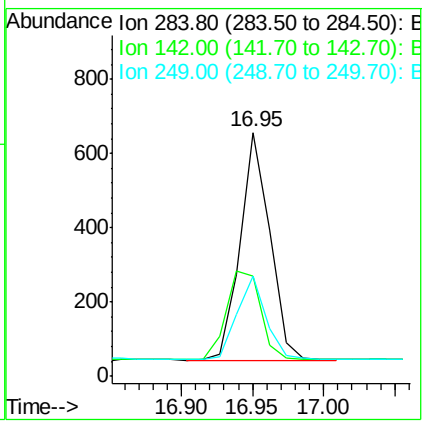


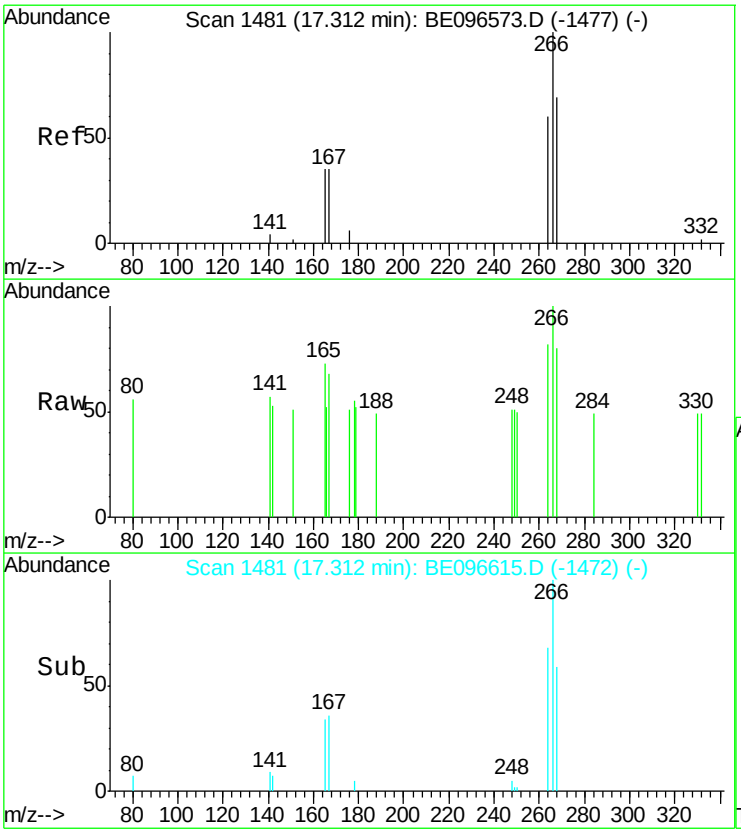
#21
Hexachlorobenzene
Concen: 0.39 ng
RT: 16.95 min Scan# 1450
Delta R.T. -0.00 min
Lab File: BE096615.D
Acq: 17 May 2018 18:30

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:284 Resp: 890

Ion	Ratio	Lower	Upper
284	100		
142	46.1	22.1	33.1#
249	36.4	34.8	52.2

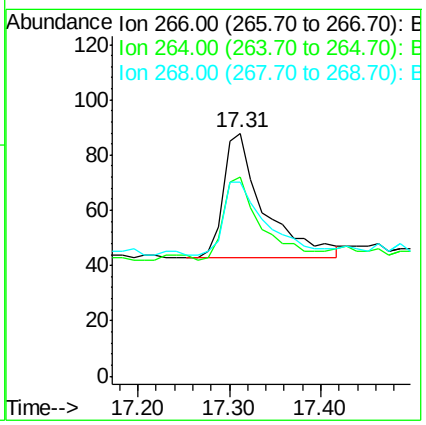


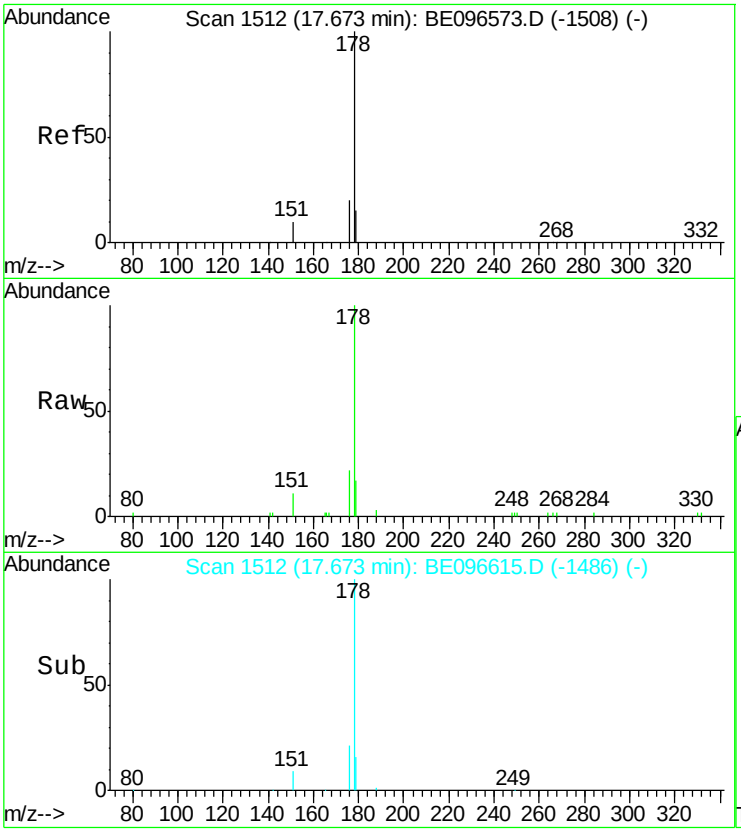


#22
Pentachlorophenol
Concen: 0.37 ng
RT: 17.31 min Scan# 1481
Delta R.T. 0.00 min
Lab File: BE096615.D
Acq: 17 May 2018 18:30

Tgt Ion:266 Resp: 138

Ion	Ratio	Lower	Upper
266	100		
264	81.8	72.5	108.7
268	79.5	73.8	110.6



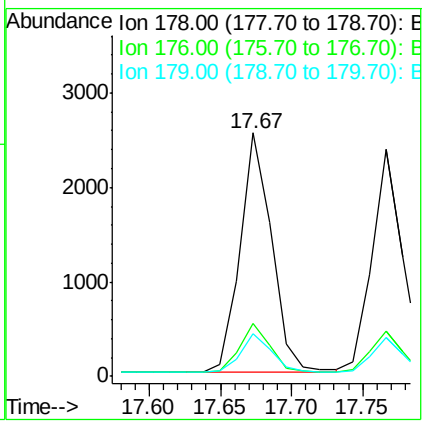


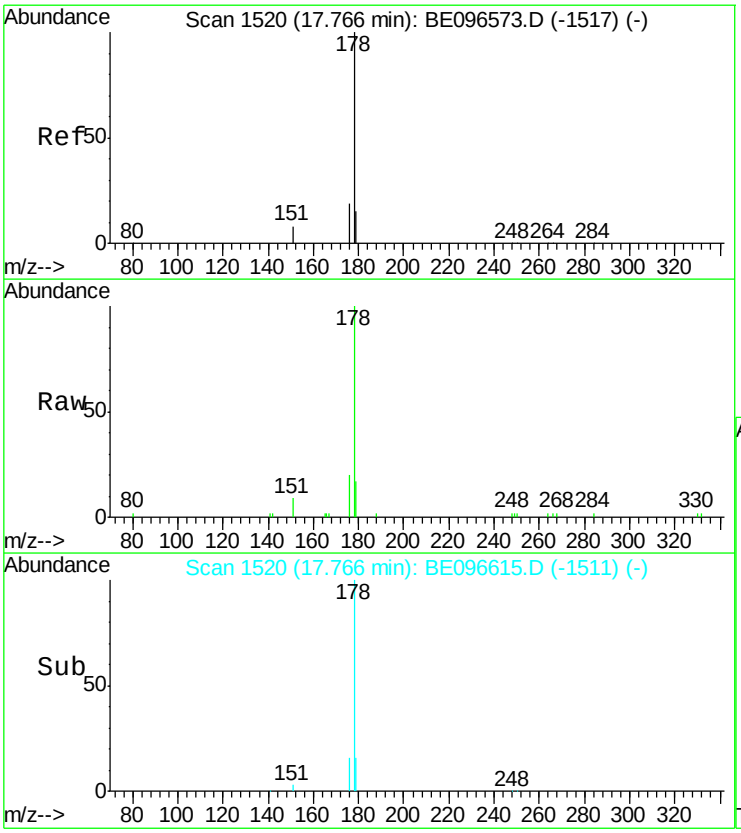
#23
Phenanthrene
Concen: 0.38 ng
RT: 17.67 min Scan# 1512
Delta R.T. -0.00 min
Lab File: BE096615.D
Acq: 17 May 2018 18:30

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:178 Resp: 3879

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.1	22.7
179	15.3	11.8	17.6

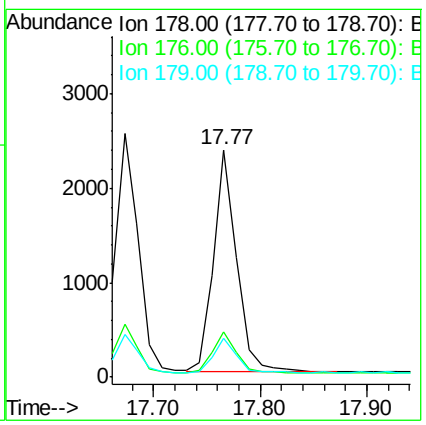


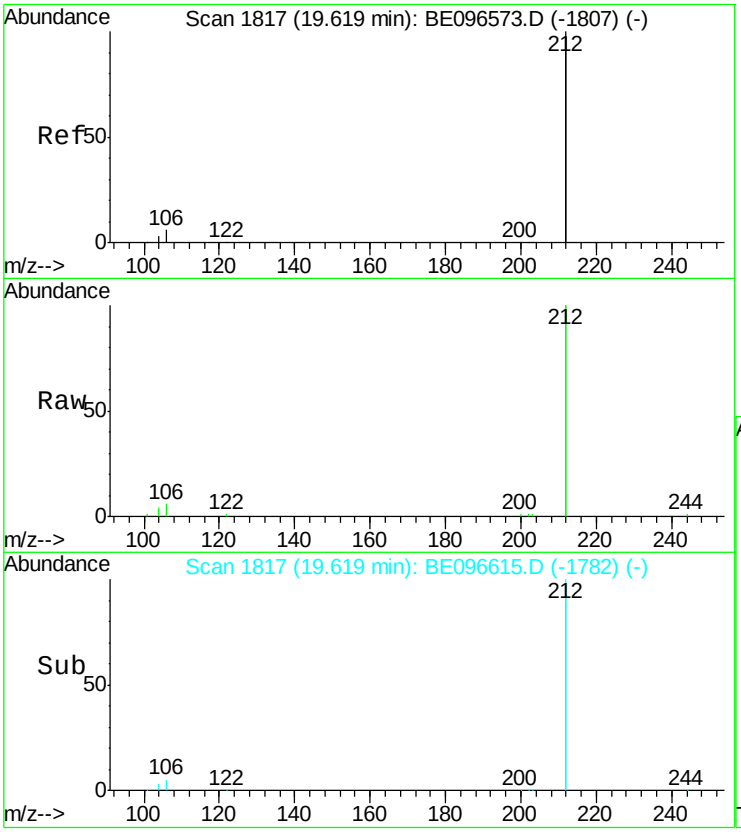


#24
Anthracene
Concen: 0.37 ng
RT: 17.77 min Scan# 1520
Delta R.T. -0.00 min
Lab File: BE096615.D
Acq: 17 May 2018 18:30

Tgt Ion:178 Resp: 3514

Ion	Ratio	Lower	Upper
178	100		
176	18.9	12.8	19.2
179	15.0	13.0	19.6



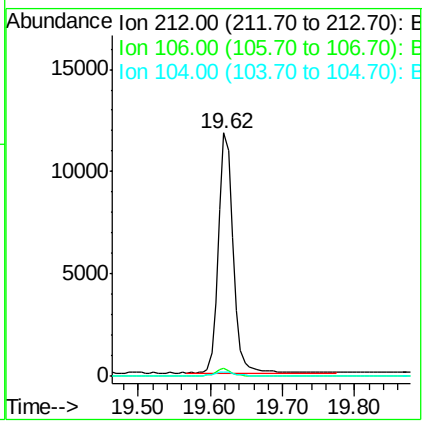


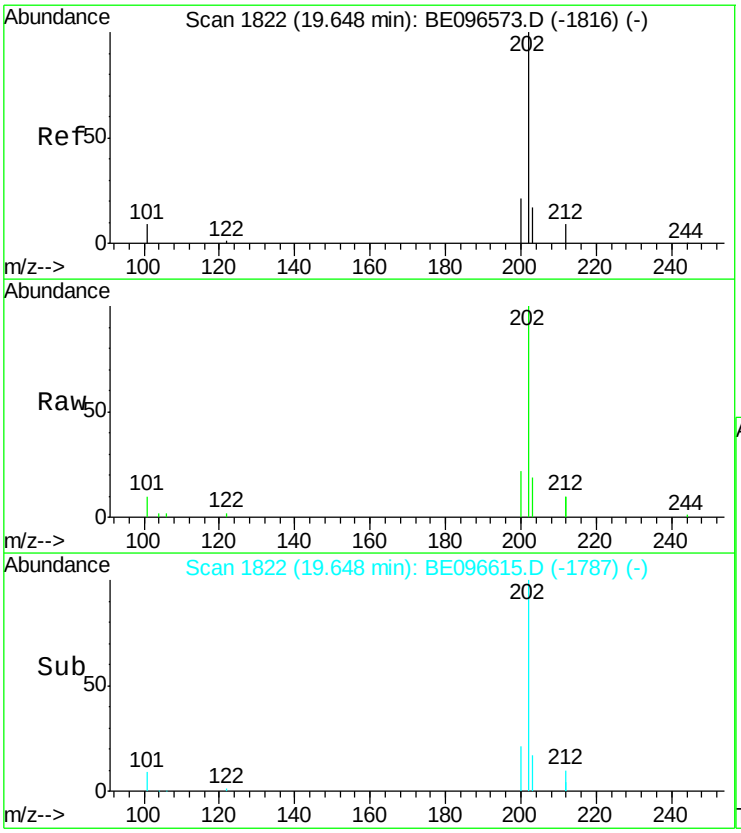
#25
Fluoranthene-d10
Concen: 0.37 ng
RT: 19.62 min Scan# 1817
Delta R.T. -0.00 min
Lab File: BE096615.D
Acq: 17 May 2018 18:30

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:212 Resp: 16453

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

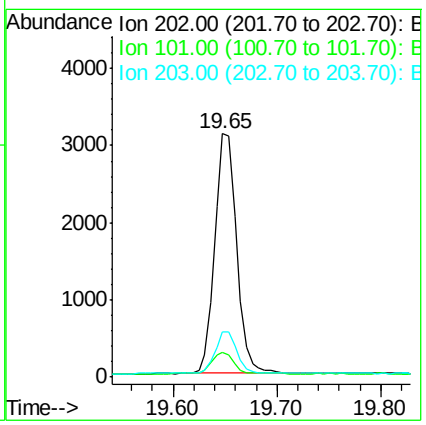


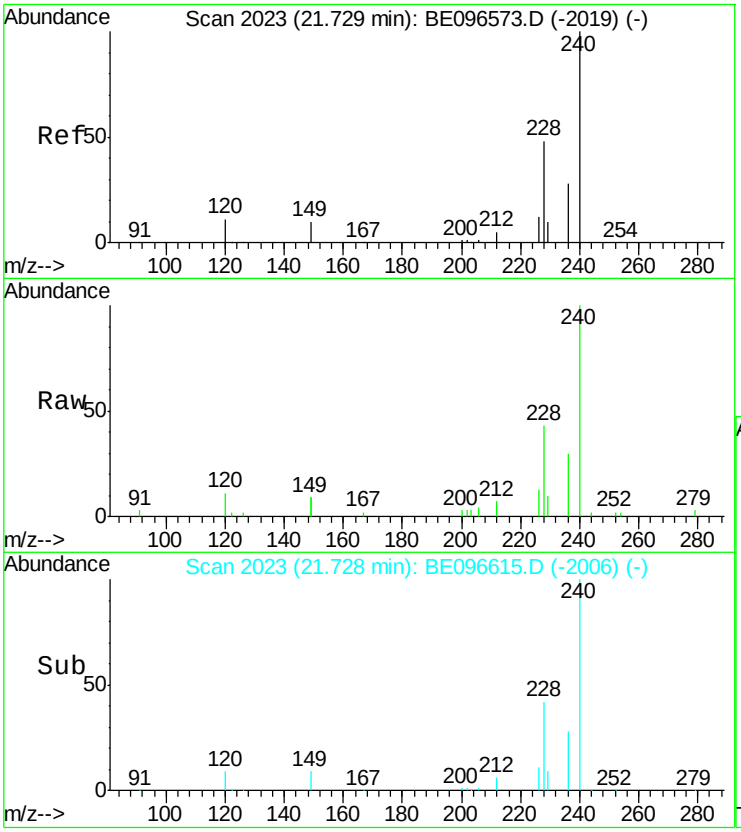


#26
Fluoranthene
Concen: 0.37 ng
RT: 19.65 min Scan# 1822
Delta R.T. -0.00 min
Lab File: BE096615.D
Acq: 17 May 2018 18:30

Tgt Ion:202 Resp: 4567

Ion	Ratio	Lower	Upper
202	100		
101	9.3	9.8	14.8#
203	17.1	13.7	20.5



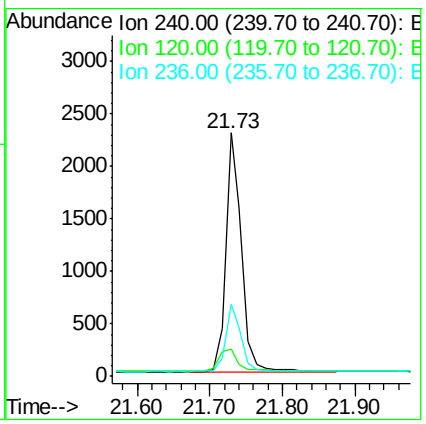


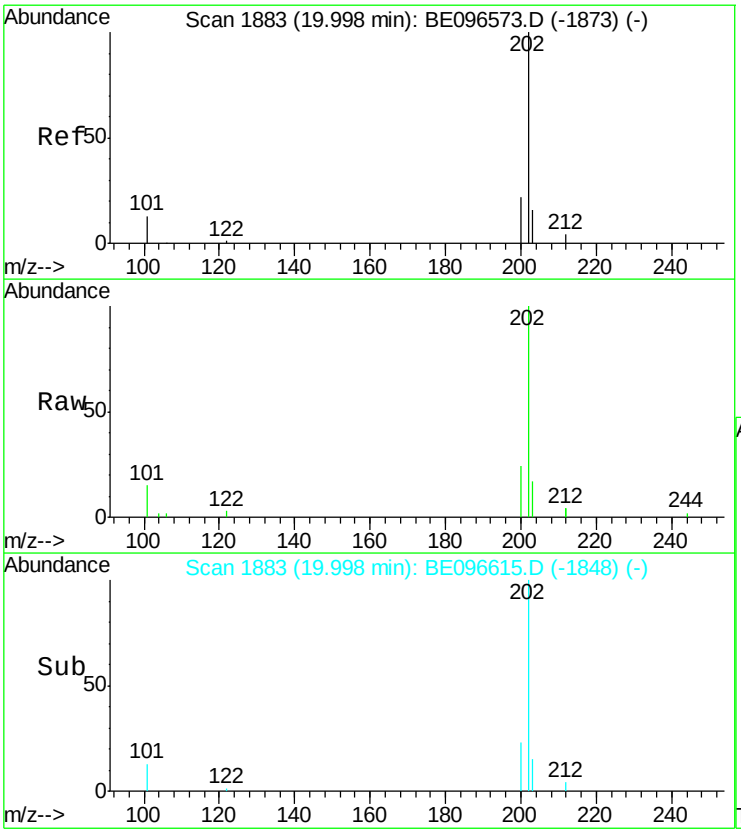
#27
Chrysene-d12
Concen: 0.40 ng
RT: 21.73 min Scan# 2023
Delta R.T. -0.00 min
Lab File: BE096615.D
Acq: 17 May 2018 18:30

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:240 Resp: 3458

Ion	Ratio	Lower	Upper
240	100		
120	11.4	5.5	8.3#
236	29.6	20.7	31.1

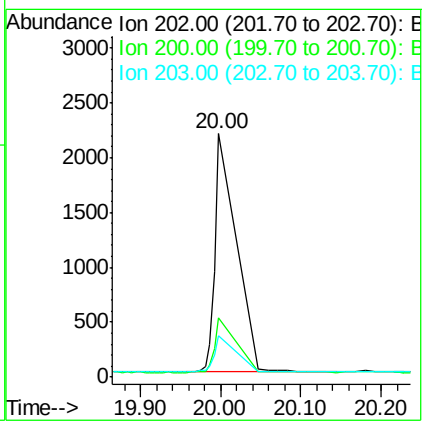


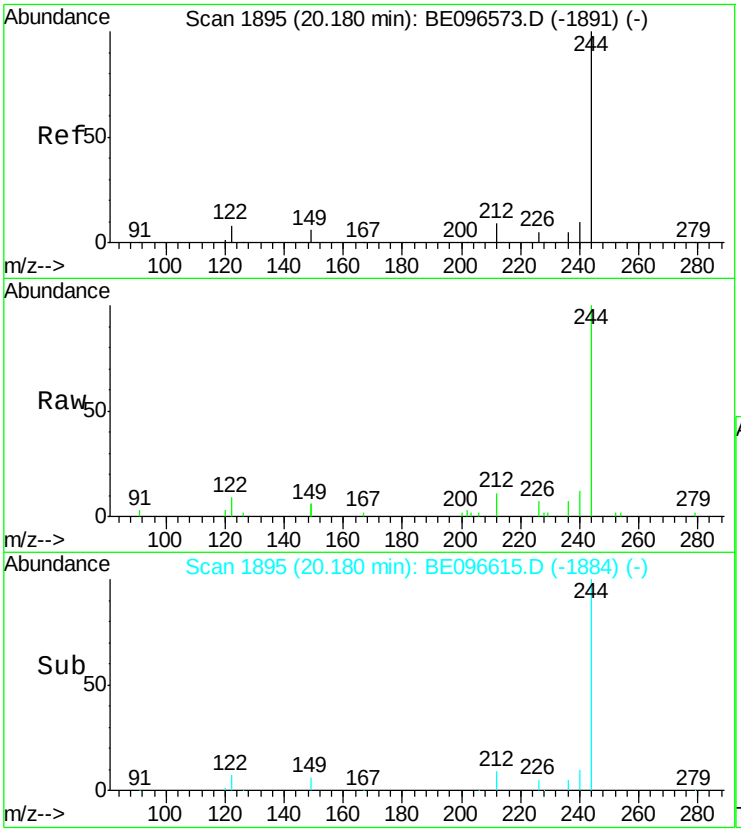


#28
Pyrene
Concen: 0.39 ng
RT: 20.00 min Scan# 1883
Delta R.T. -0.00 min
Lab File: BE096615.D
Acq: 17 May 2018 18:30

Tgt Ion:202 Resp: 2444

Ion	Ratio	Lower	Upper
202	100		
200	21.8	16.6	25.0
203	13.8	13.8	20.8#



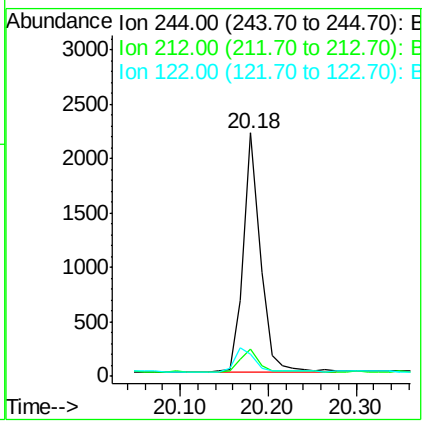


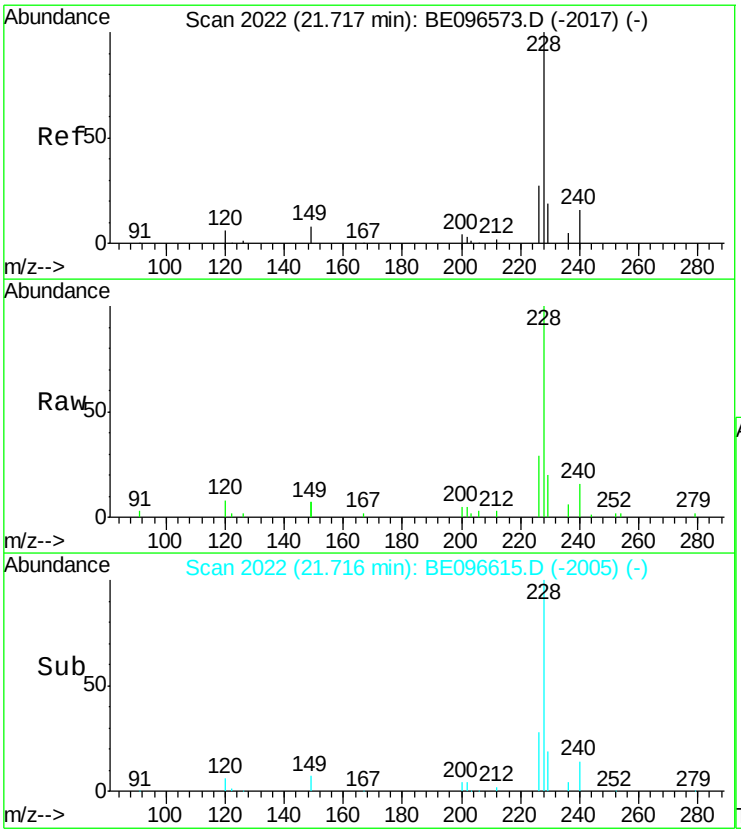
#29
Terphenyl-d14
Concen: 0.38 ng
RT: 20.18 min Scan# 1895
Delta R.T. -0.00 min
Lab File: BE096615.D
Acq: 17 May 2018 18:30

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:244 Resp: 2955

Ion	Ratio	Lower	Upper
244	100		
212	11.3	25.4	38.0#
122	8.9	8.1	12.1

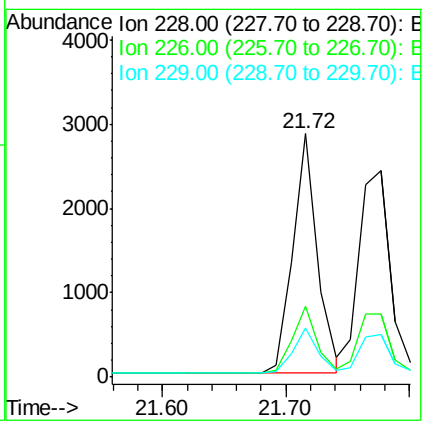


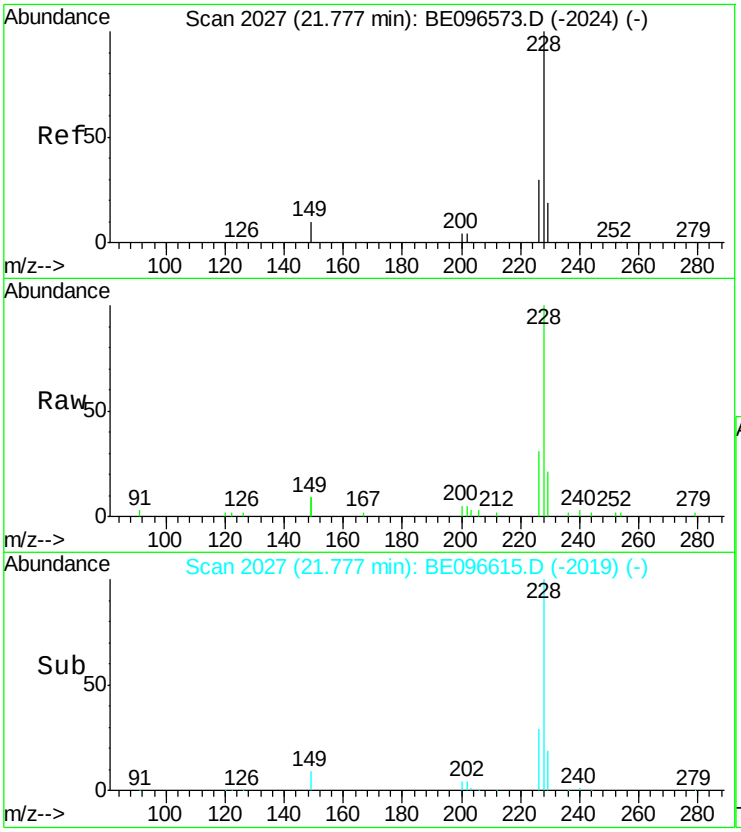


#30
Benzo(a)anthracene
Concen: 0.37 ng
RT: 21.72 min Scan# 2022
Delta R.T. -0.00 min
Lab File: BE096615.D
Acq: 17 May 2018 18:30

Tgt Ion:228 Resp: 3927

Ion	Ratio	Lower	Upper
228	100		
226	28.9	24.0	36.0
229	20.4	16.0	24.0



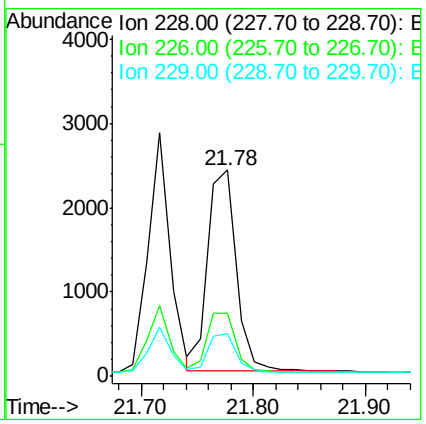


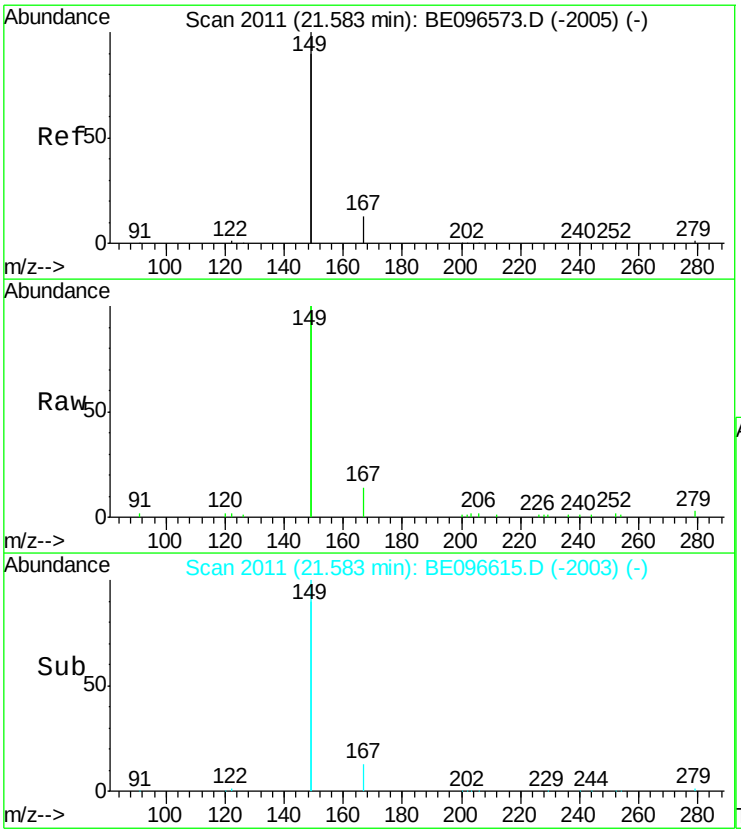
#31
Chrysene
Concen: 0.38 ng
RT: 21.78 min Scan# 2027
Delta R.T. -0.00 min
Lab File: BE096615.D
Acq: 17 May 2018 18:30

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:228 Resp: 4210

Ion	Ratio	Lower	Upper
228	100		
226	30.8	24.0	36.0
229	20.7	16.0	24.0

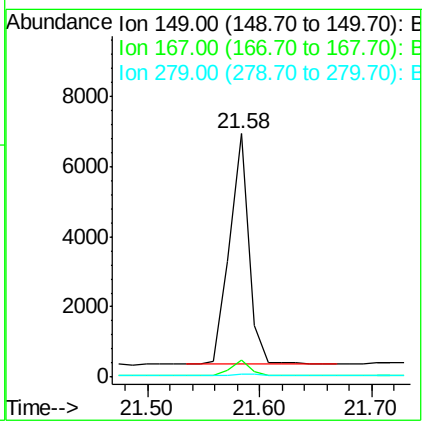


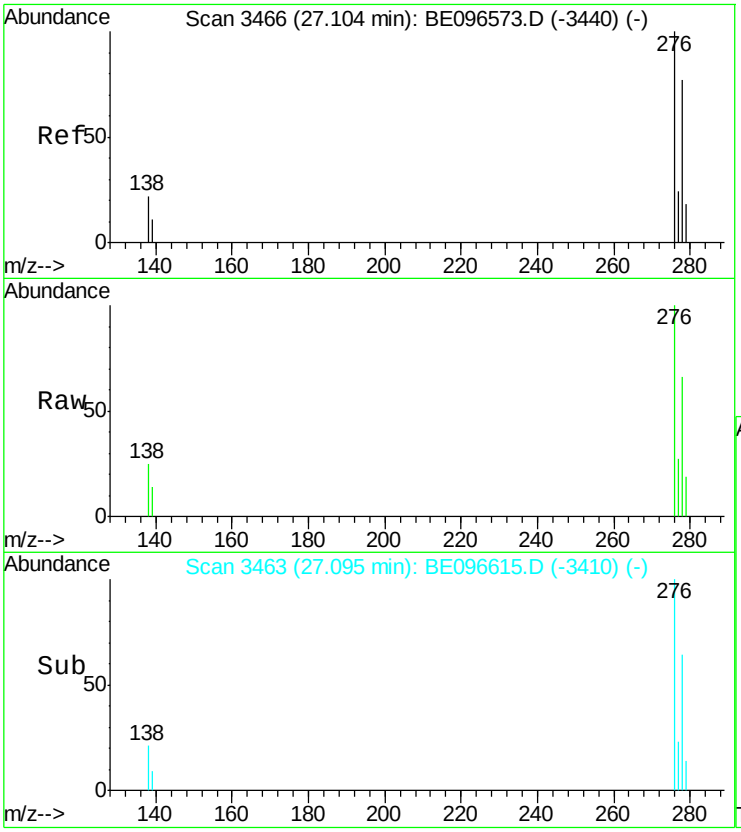


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.35 ng
RT: 21.58 min Scan# 2011
Delta R.T. -0.00 min
Lab File: BE096615.D
Acq: 17 May 2018 18:30

Tgt Ion:149 Resp: 7902

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



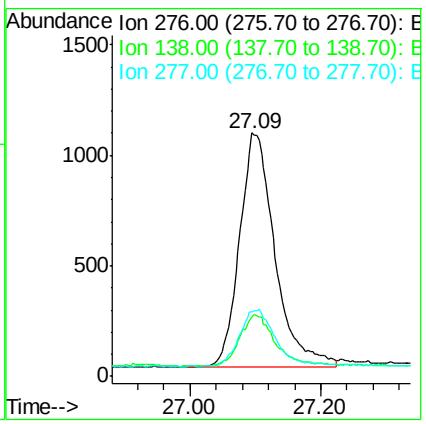


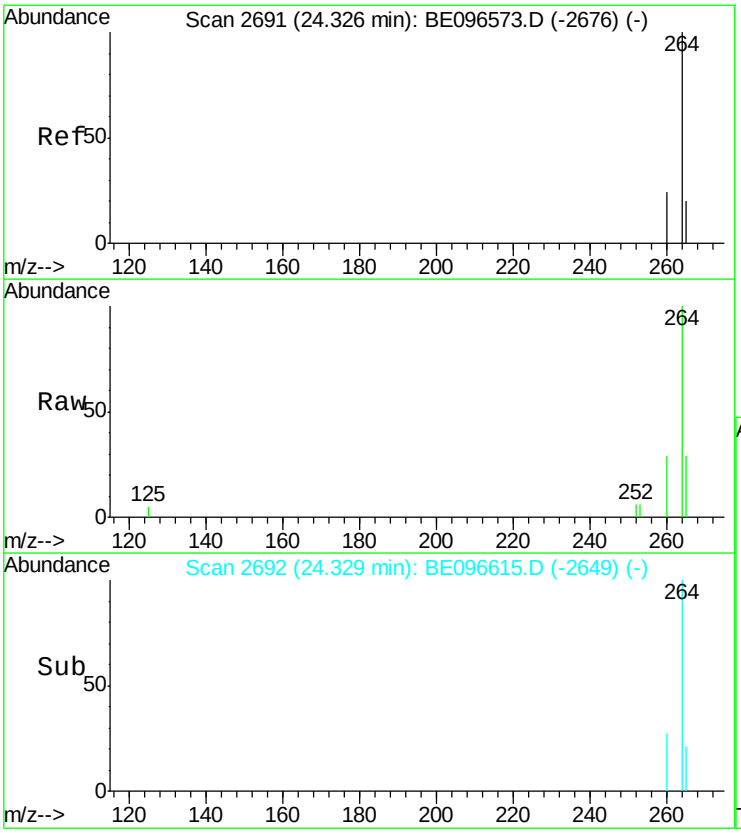
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.38 ng
RT: 27.09 min Scan# 3463
Delta R.T. -0.01 min
Lab File: BE096615.D
Acq: 17 May 2018 18:30

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:276 Resp: 3992

Ion	Ratio	Lower	Upper
276	100		
138	21.1	22.5	33.7#
277	23.8	19.9	29.9

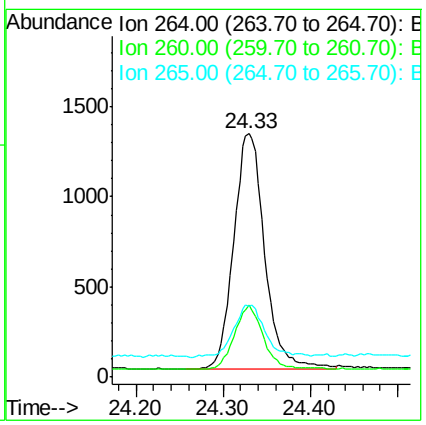


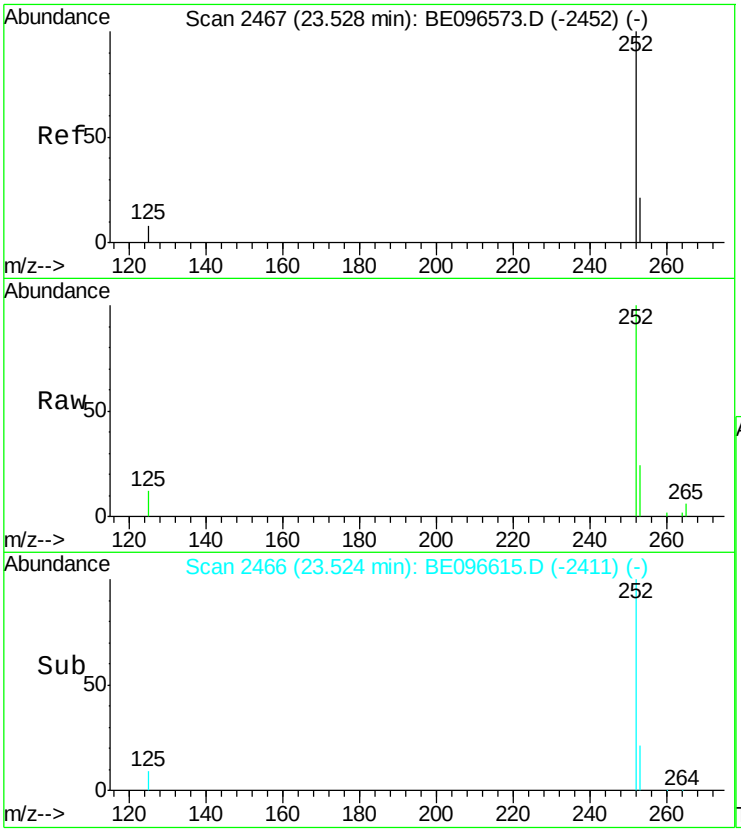


#34
Perylene-d12
Concen: 0.40 ng
RT: 24.33 min Scan# 2692
Delta R.T. 0.00 min
Lab File: BE096615.D
Acq: 17 May 2018 18:30

Tgt Ion:264 Resp: 3207

Ion	Ratio	Lower	Upper
264	100		
260	29.4	20.5	30.7
265	28.9	22.8	34.2



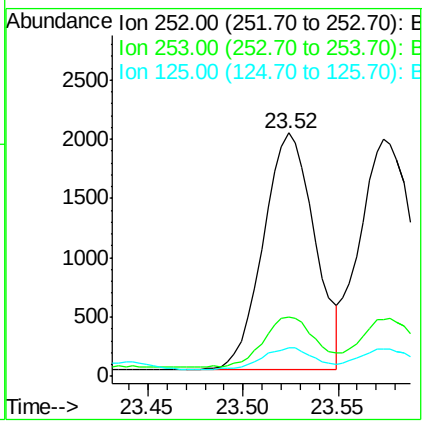


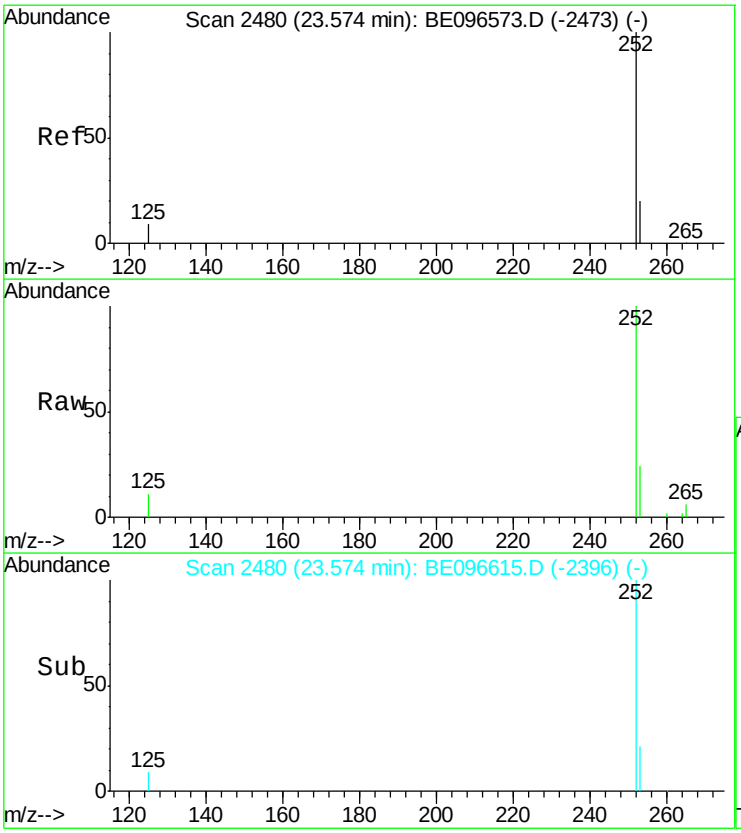
#35
Benzo(b)fluoranthene
Concen: 0.38 ng
RT: 23.52 min Scan# 2466
Delta R.T. -0.00 min
Lab File: BE096615.D
Acq: 17 May 2018 18:30

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:252 Resp: 3761

Ion	Ratio	Lower	Upper
252	100		
253	24.1	20.0	30.0
125	11.5	16.0	24.0#

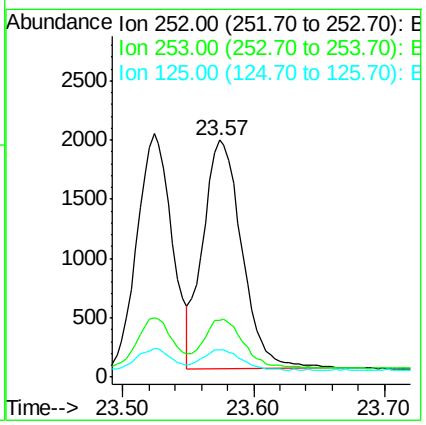


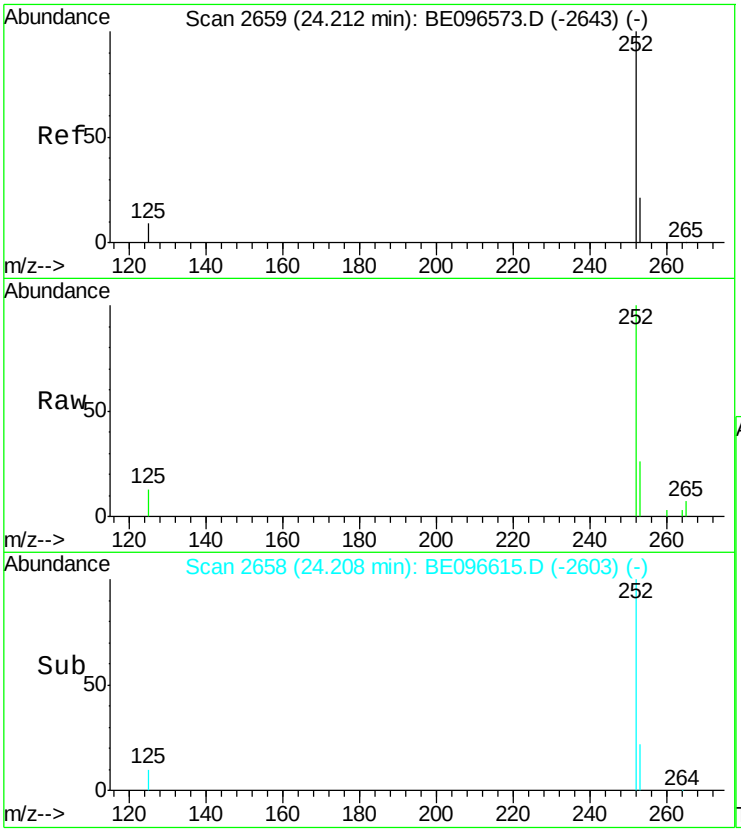


#36
Benzo(k)fluoranthene
Concen: 0.38 ng
RT: 23.57 min Scan# 2480
Delta R.T. -0.00 min
Lab File: BE096615.D
Acq: 17 May 2018 18:30

Tgt Ion:252 Resp: 3988

Ion	Ratio	Lower	Upper
252	100		
253	24.1	16.0	24.0#
125	11.3	8.0	12.0



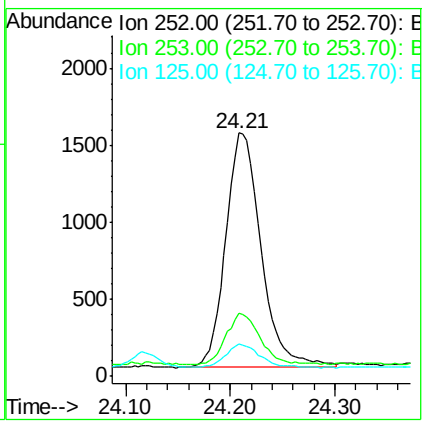


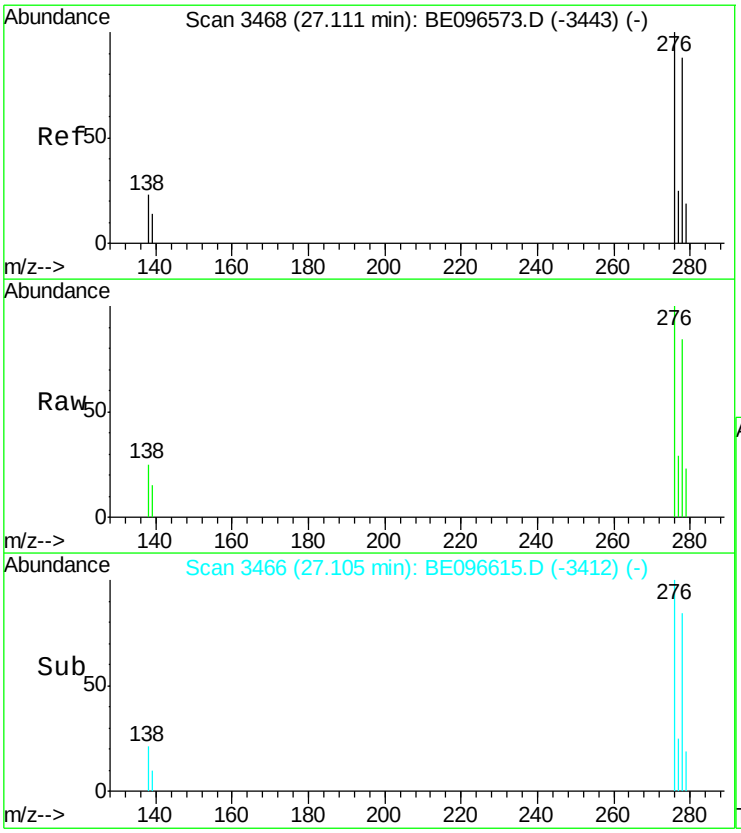
#37
Benzo(a)pyrene
Concen: 0.38 ng
RT: 24.21 min Scan# 2658
Delta R.T. -0.00 min
Lab File: BE096615.D
Acq: 17 May 2018 18:30

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:252 Resp: 3573

Ion	Ratio	Lower	Upper
252	100		
253	25.9	16.0	24.0#
125	13.3	12.0	18.0

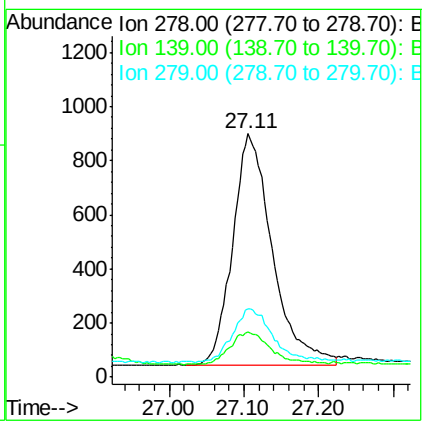


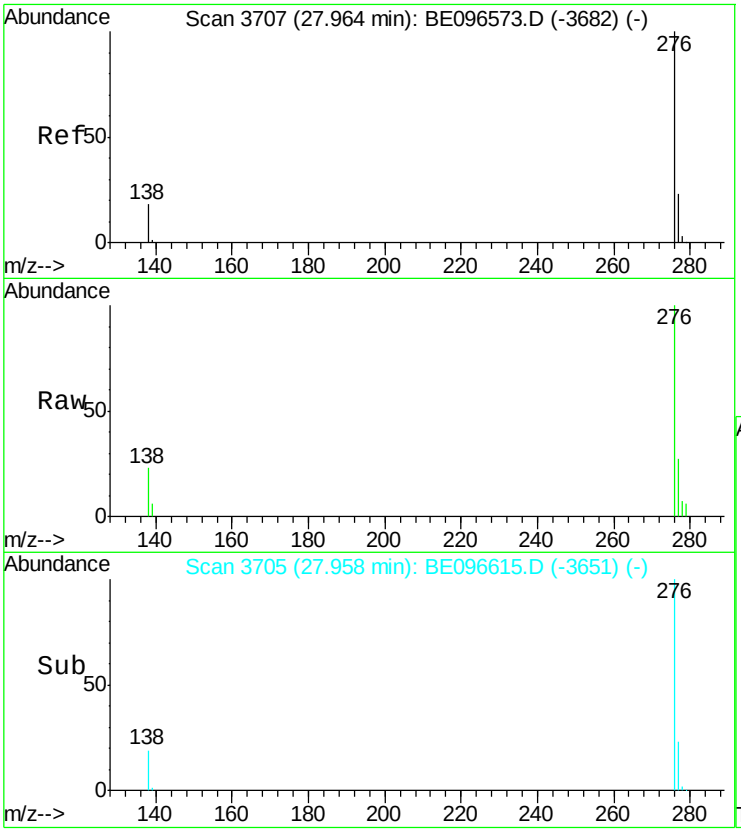


#38
Dibenzo(a,h)anthracene
Concen: 0.37 ng
RT: 27.11 min Scan# 3466
Delta R.T. -0.01 min
Lab File: BE096615.D
Acq: 17 May 2018 18:30

Tgt Ion:278 Resp: 3169

Ion	Ratio	Lower	Upper
278	100		
139	18.3	16.0	24.0
279	27.8	20.0	30.0





#39
Benzo(g,h,i)perylene
Concen: 0.38 ng
RT: 27.96 min Scan# 3705
Delta R.T. -0.01 min
Lab File: BE096615.D
Acq: 17 May 2018 18:30

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:276 Resp: 3421

Ion	Ratio	Lower	Upper
276	100		
277	27.2	16.0	24.0#
138	23.1	20.0	30.0