Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE112918\
Data File : BE098274.D
Acq On : 29 Nov 2018 15:12
Operator : SJ/JU
Sample : PB115083BL
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Nov 29 16:15:40 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE112918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 29 13:50:43 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	1420	0.40	ng	0.00
7) Naphthalene-d8	10.67	136	5363	0.40	ng	0.00
13) Acenaphthene-d10	14.53	164	3006	0.40	ng	0.00
19) Phenanthrene-d10	17.28	188	7028	0.40	ng	0.00
27) Chrysene-d12	21.47	240	9913	0.40	ng	0.01
34) Perylene-d12	24.02	264	10221	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.46	112	1052	0.28	ng	0.01
5) Phenol-d6	7.06	99	1240	0.23	ng	0.01
8) Nitrobenzene-d5	9.03	82	1440	0.27	ng	0.01
11) 2-Methylnaphthalene-d10	12.27	152	2567	0.29	ng	0.00
14) 2,4,6-Tribromophenol	16.03	330	257	0.18	ng	0.01
15) 2-Fluorobiphenyl	13.15	172	3637	0.29	ng	0.00
25) Fluoranthene-d10	19.31	212	29236	0.31	ng	0.00
29) Terphenyl-d14	19.91	244	5127	0.23	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.39	88	11	Below Cal	#	12
3) n-Nitrosodimethylamine	3.67	42	138	0.051	ng	# 100
6) bis(2-Chloroethyl)ether	7.26	93	8	0.002	ng	# 1
9) Naphthalene	10.74	128	103	0.002	ng	# 47
10) Hexachlorobutadiene	11.02	225	6	0.002	ng	# 60
12) 2-Methylnaphthalene	12.31	142	8	0.001	ng	# 45
16) Acenaphthylene	14.28	152	5	0.000	ng	# 1
17) Acenaphthene	14.53	154	16	0.002	ng	# 4
18) Fluorene	15.59	166	15	0.001	ng	# 1
20) 4-Bromophenyl-phenylether	16.45	248	2	0.001	ng	# 68
21) Hexachlorobenzene	16.58	284	5	0.001	ng	# 1
22) Pentachlorophenol	16.91	266	6	0.096	ng	# 71
23) Phenanthrene	17.34	178	34	0.002	ng	# 65
24) Anthracene	17.42	178	23	0.001	ng	# 53
26) Fluoranthene	19.35	202	64	0.003	ng	# 84
28) Pyrene	19.71	202	84	0.003	ng	# 67
30) Benzo(a)anthracene	21.46	228	182	0.006	ng	# 2
31) Chrysene	21.51	228	173	0.006	ng	# 27
32) Bis(2-ethylhexyl)phthalate	21.37	149	858	0.012	ng	# 92
33) Indeno(1,2,3-cd)pyrene	26.71	276	54	0.002	ng	# 66
35) Benzo(b)fluoranthene	23.24	252	285	0.010	ng	# 1
36) Benzo(k)fluoranthene	23.30	252	205	0.007	ng	# 1
37) Benzo(a)pyrene	23.91	252	112	0.004	ng	# 1
38) Dibenzo(a,h)anthracene	26.75	278	58	0.002	ng	# 1
39) Benzo(g,h,i)perylene	27.52	276	28	0.001	ng	# 1

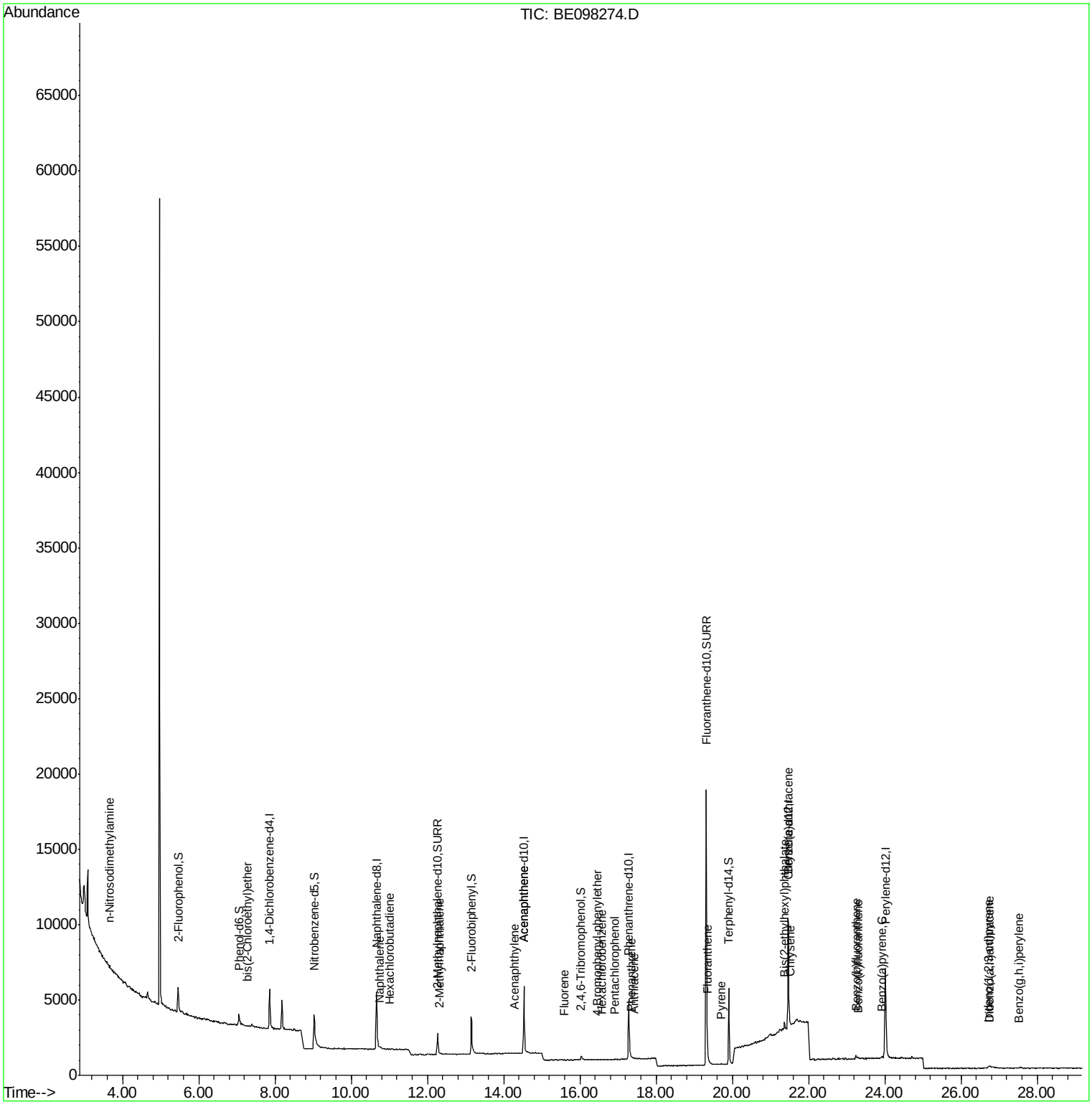
(#) = qualifier out of range (m) = manual integration (+) = signals summed

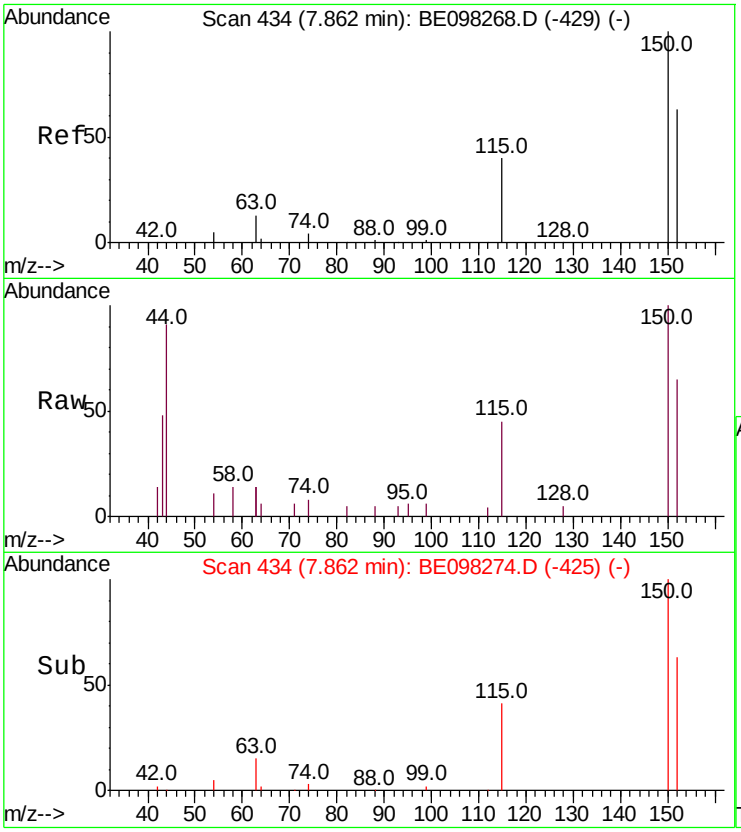
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE112918\
Data File : BE098274.D
Acq On : 29 Nov 2018 15:12
Operator : SJ/JU
Sample : PB115083BL
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Nov 29 16:15:40 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE112918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 29 13:50:43 2018
Response via : Initial Calibration



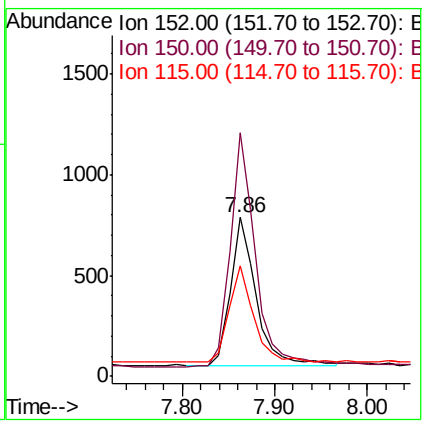


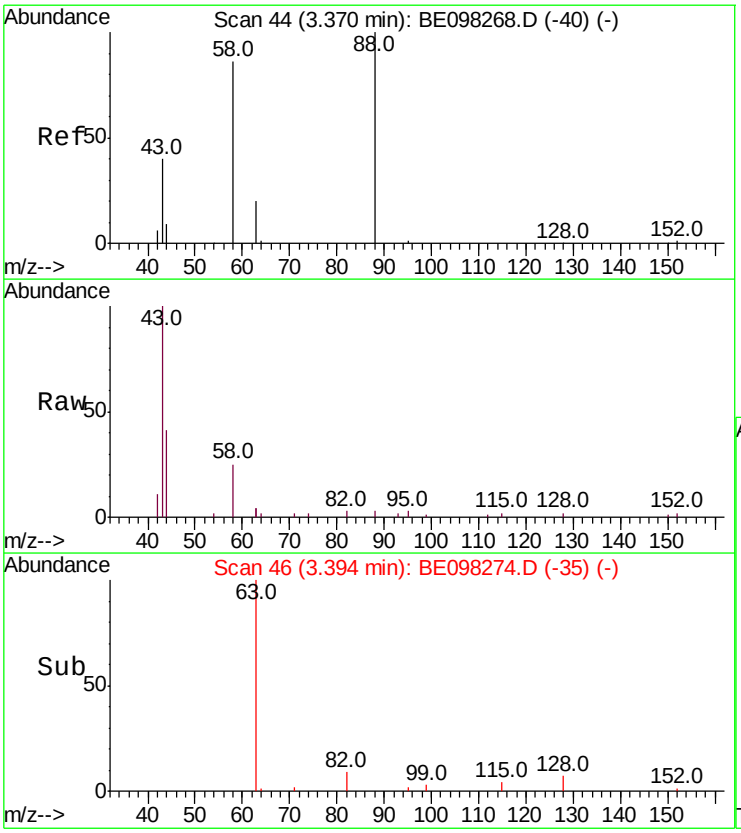
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.86 min Scan# 434
Delta R.T. 0.00 min
Lab File: BE098274.D
Acq: 29 Nov 2018 15:12

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 1420

Ion	Ratio	Lower	Upper
152	100		
150	153.3	124.2	186.4
115	69.7	53.9	80.9

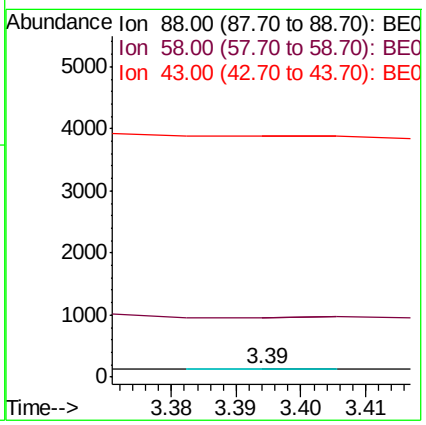


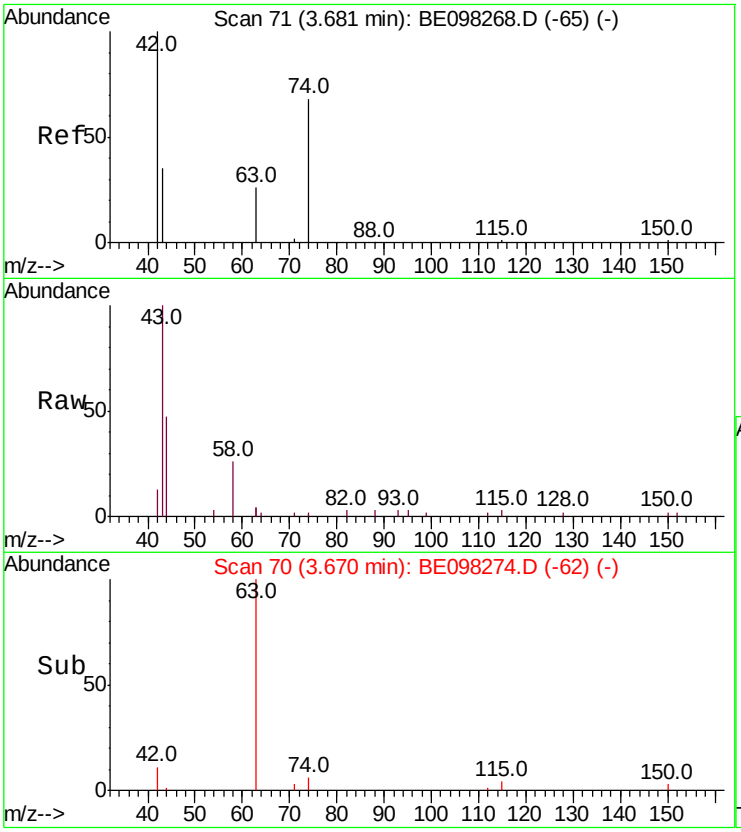


#2
1,4-Dioxane
Concen: Below Cal
RT: 3.39 min Scan# 46
Delta R.T. 0.02 min
Lab File: BE098274.D
Acq: 29 Nov 2018 15:12

Tgt Ion: 88 Resp: 11

Ion	Ratio	Lower	Upper
88	100		
58	0.0	75.0	112.6#
43	0.0	38.3	57.5#



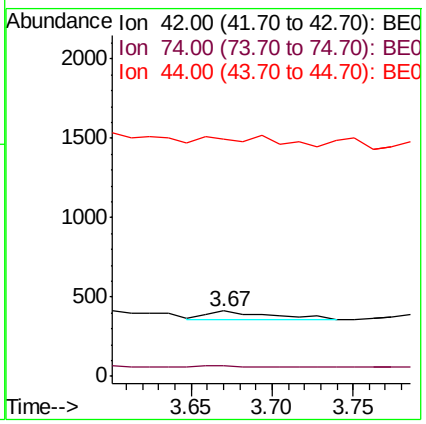


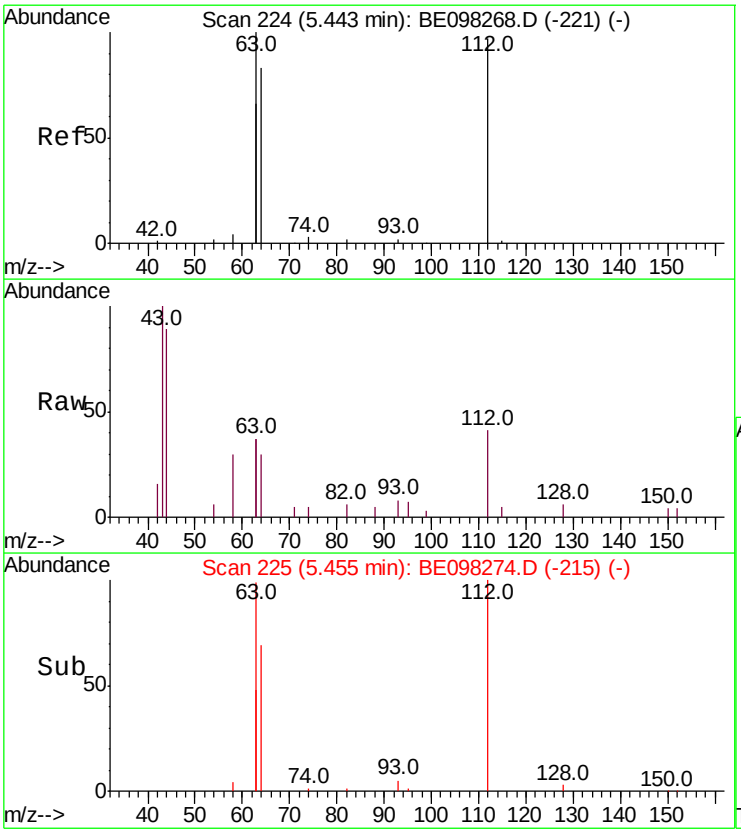
#3
n-Nitrosodimethylamine
Concen: 0.051 ng
RT: 3.67 min Scan# 70
Delta R.T. -0.01 min
Lab File: BE098274.D
Acq: 29 Nov 2018 15:12

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 42 Resp: 138

Ion	Ratio	Lower	Upper
42	100		
74	10.9	0.0	0.0#
44	0.0	0.0	0.0

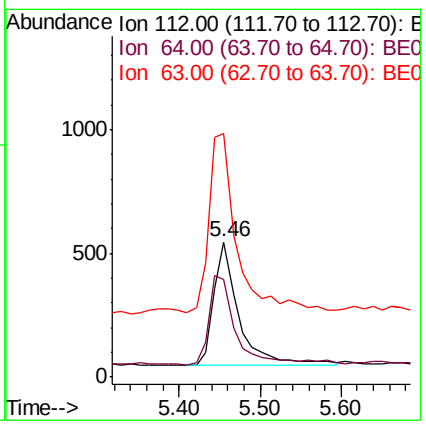


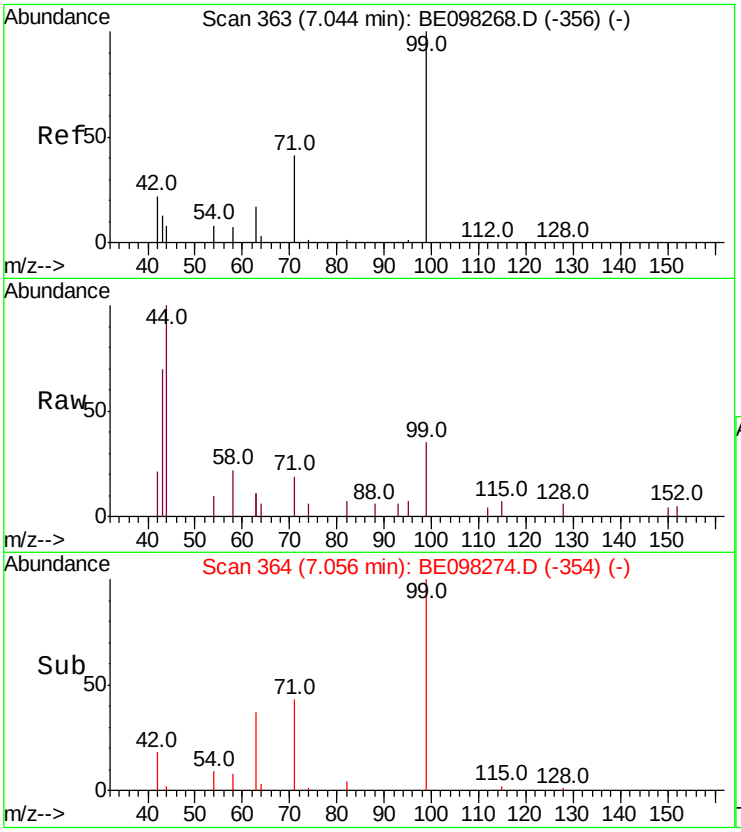


#4
2-Fluorophenol
Concen: 0.277 ng
RT: 5.46 min Scan# 225
Delta R.T. 0.01 min
Lab File: BE098274.D
Acq: 29 Nov 2018 15:12

Tgt Ion:112 Resp: 1052

Ion	Ratio	Lower	Upper
112	100		
64	75.2	59.8	89.8
63	164.9	133.7	200.5



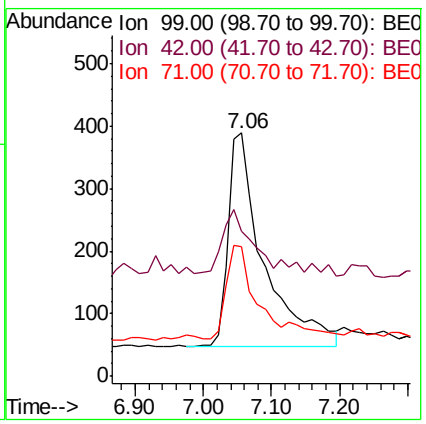


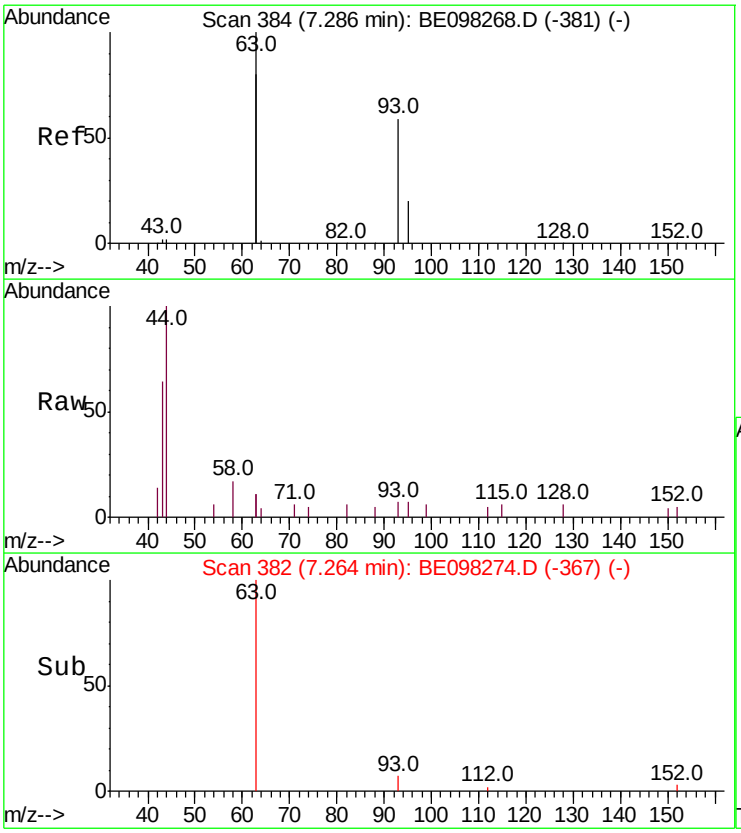
#5
Phenol-d6
Concen: 0.232 ng
RT: 7.06 min Scan# 364
Delta R.T. 0.01 min
Lab File: BE098274.D
Acq: 29 Nov 2018 15:12

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 99 Resp: 1240

Ion	Ratio	Lower	Upper
99	100		
42	23.1	26.3	39.5#
71	41.7	33.6	50.4

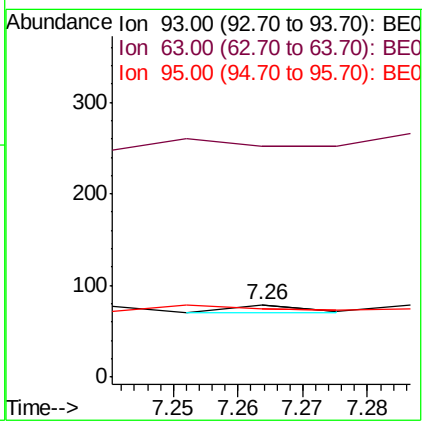


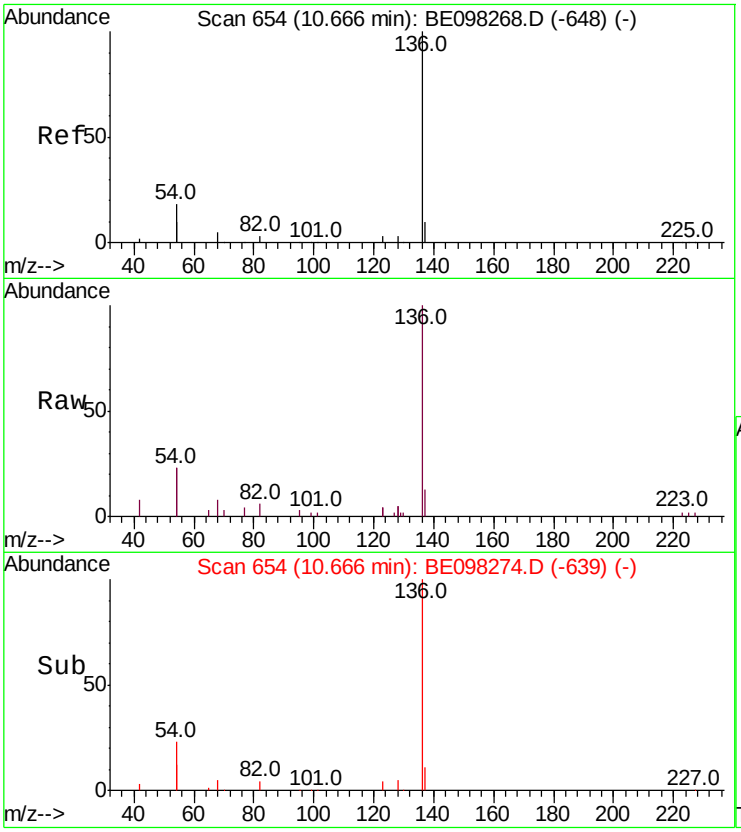


#6
bis(2-Chloroethyl)ether
Concen: 0.002 ng
RT: 7.26 min Scan# 382
Delta R.T. -0.02 min
Lab File: BE098274.D
Acq: 29 Nov 2018 15:12

Tgt Ion: 93 Resp: 8

Ion	Ratio	Lower	Upper
93	100		
63	0.0	264.4	396.6#
95	125.0	26.6	40.0#



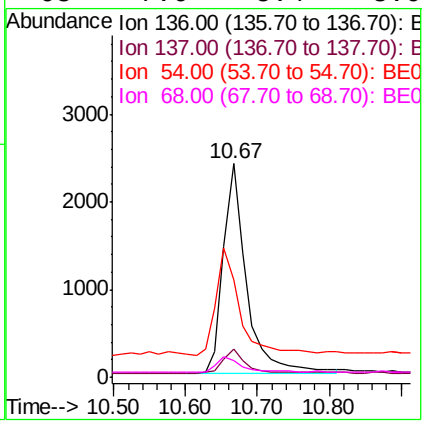


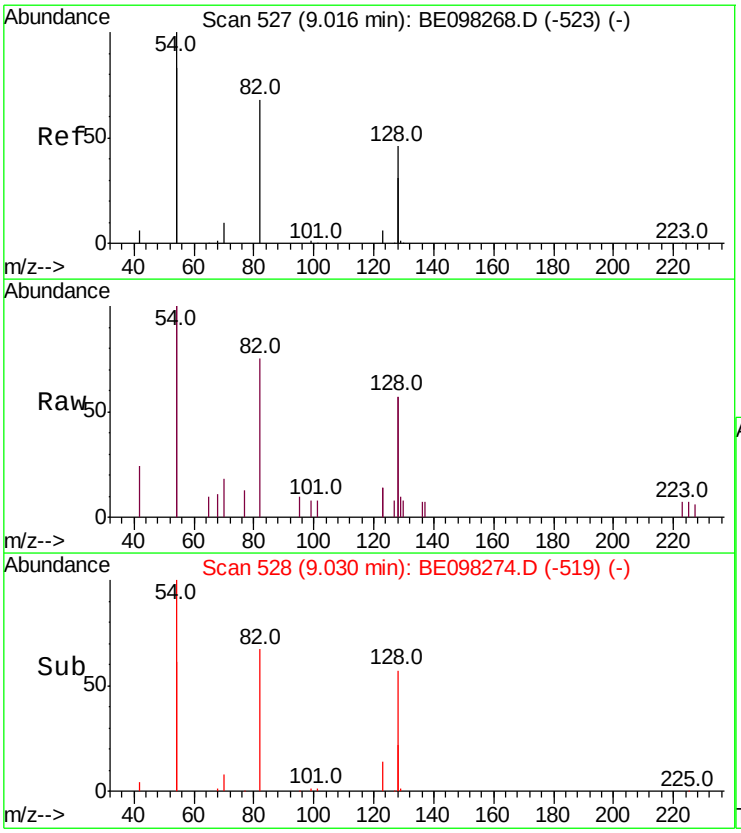
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.67 min Scan# 654
Delta R.T. 0.00 min
Lab File: BE098274.D
Acq: 29 Nov 2018 15:12

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:136 Resp: 5363

Ion	Ratio	Lower	Upper
136	100		
137	13.0	9.2	13.8
54	45.6	28.4	42.6#
68	7.6	5.4	8.0

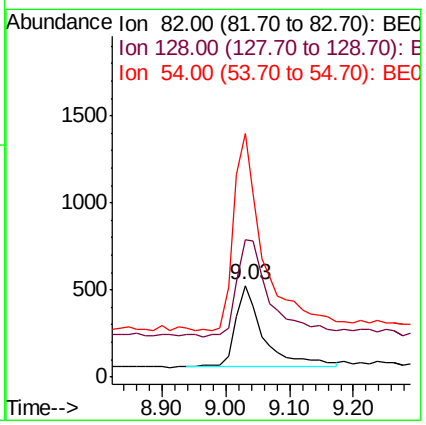


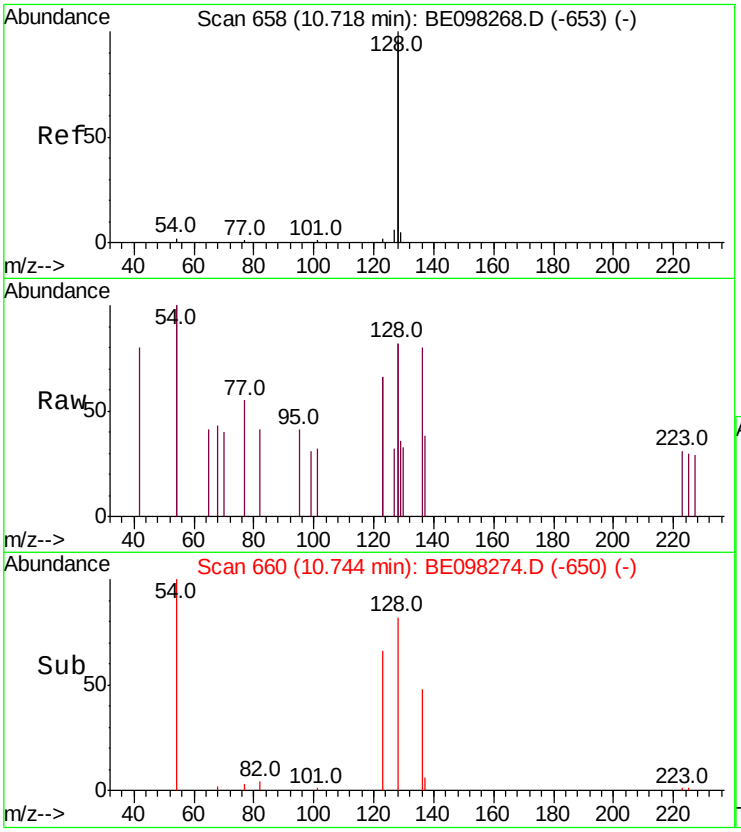


#8
Nitrobenzene-d5
Concen: 0.265 ng
RT: 9.03 min Scan# 528
Delta R.T. 0.01 min
Lab File: BE098274.D
Acq: 29 Nov 2018 15:12

Tgt Ion: 82 Resp: 1440

Ion	Ratio	Lower	Upper
82	100		
128	150.5	102.4	153.6
54	266.3	221.8	332.8



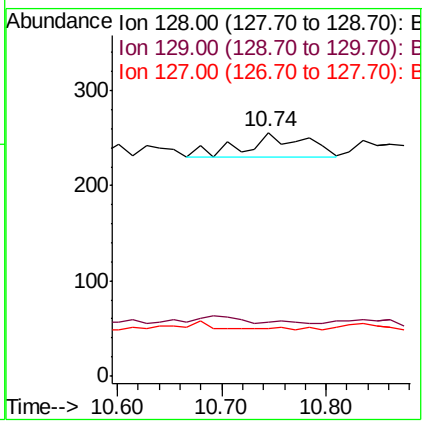


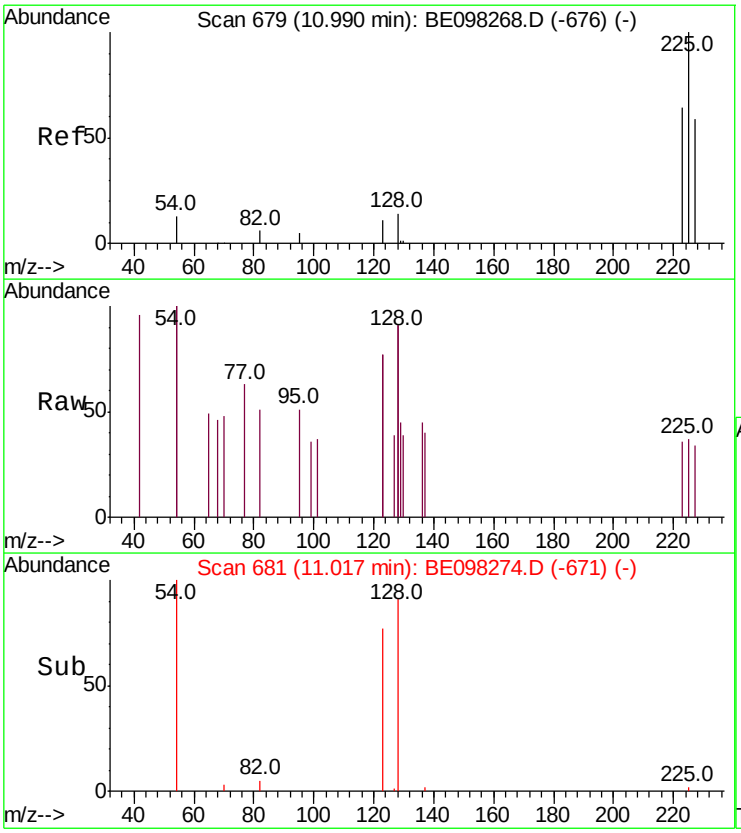
#9
Naphthalene
Concen: 0.002 ng
RT: 10.74 min Scan# 660
Delta R.T. 0.03 min
Lab File: BE098274.D
Acq: 29 Nov 2018 15:12

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:128 Resp: 103

Ion	Ratio	Lower	Upper
128	100		
129	22.3	2.5	3.7#
127	19.5	2.7	4.1#

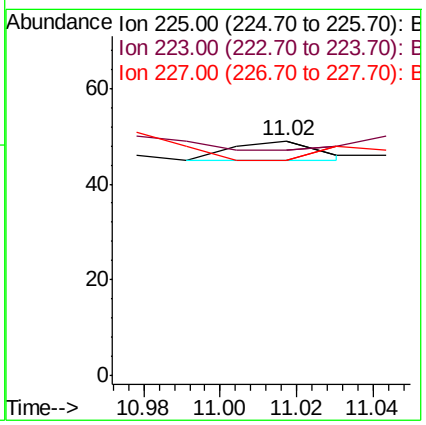


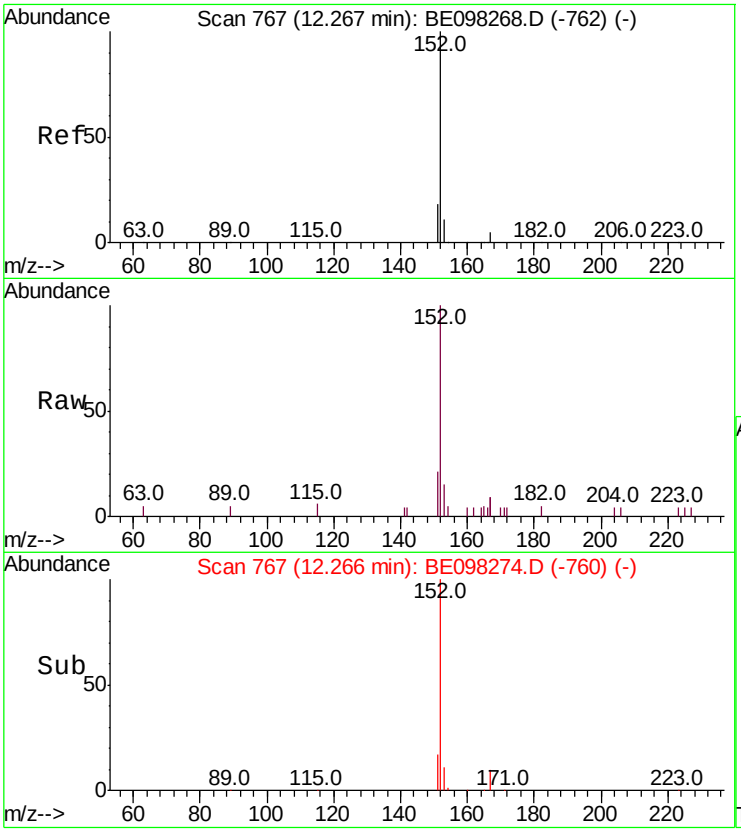


#10
Hexachlorobutadiene
Concen: 0.002 ng
RT: 11.02 min Scan# 681
Delta R.T. 0.03 min
Lab File: BE098274.D
Acq: 29 Nov 2018 15:12

Tgt Ion:225 Resp: 6

Ion	Ratio	Lower	Upper
225	100		
223	0.0	49.4	74.0#
227	66.7	52.0	78.0



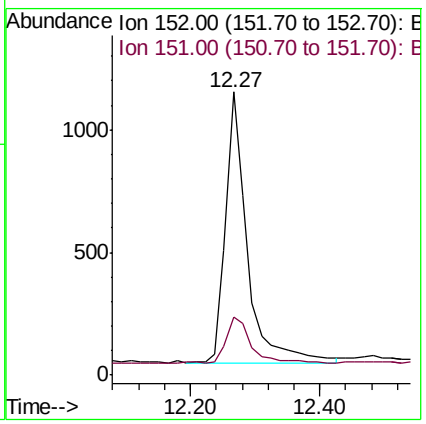


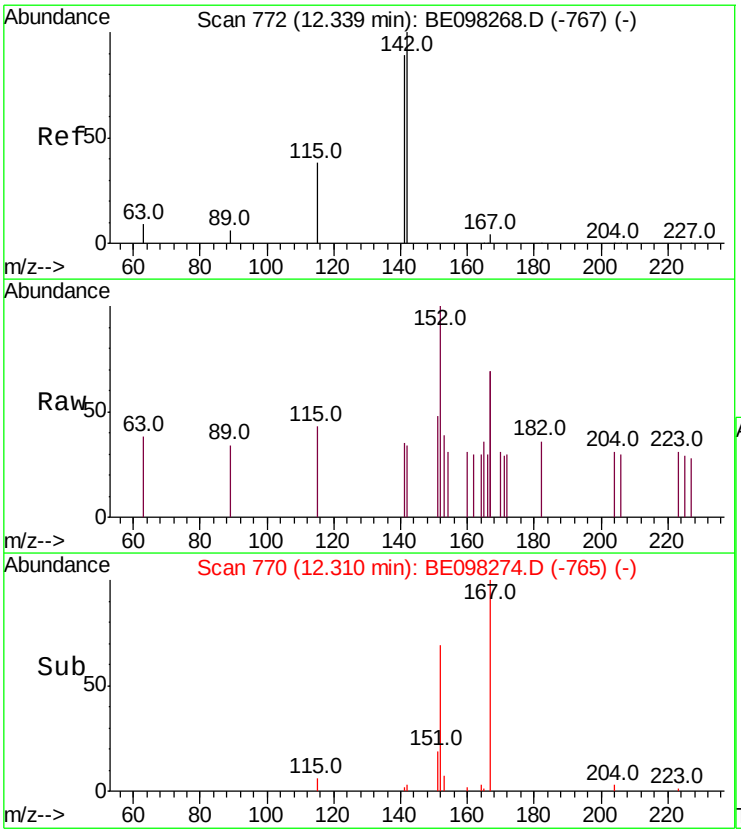
#11
2-Methylnaphthalene-d10
Concen: 0.295 ng
RT: 12.27 min Scan# 767
Delta R.T. -0.00 min
Lab File: BE098274.D
Acq: 29 Nov 2018 15:12

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 2567

Ion	Ratio	Lower	Upper
152	100		
151	19.0	16.2	24.4

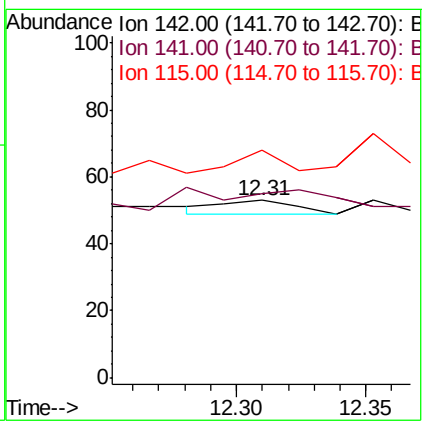


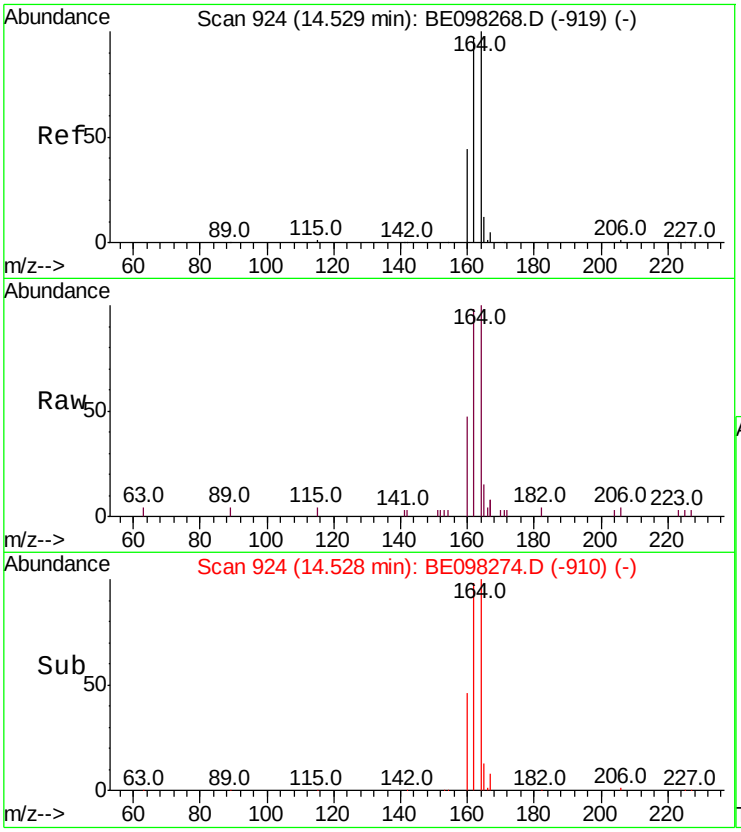


#12
2-Methylnaphthalene
Concen: 0.001 ng
RT: 12.31 min Scan# 770
Delta R.T. -0.03 min
Lab File: BE098274.D
Acq: 29 Nov 2018 15:12

Tgt Ion:142 Resp: 8

Ion	Ratio	Lower	Upper
142	100		
141	103.8	71.0	106.6
115	128.3	32.2	48.2#



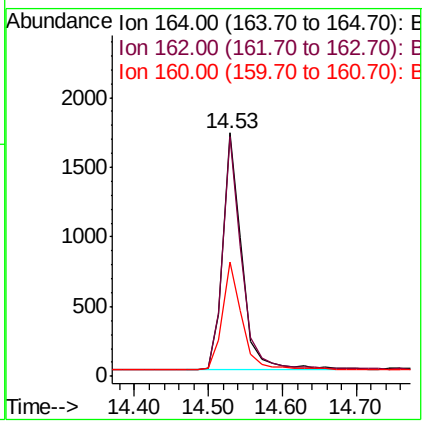


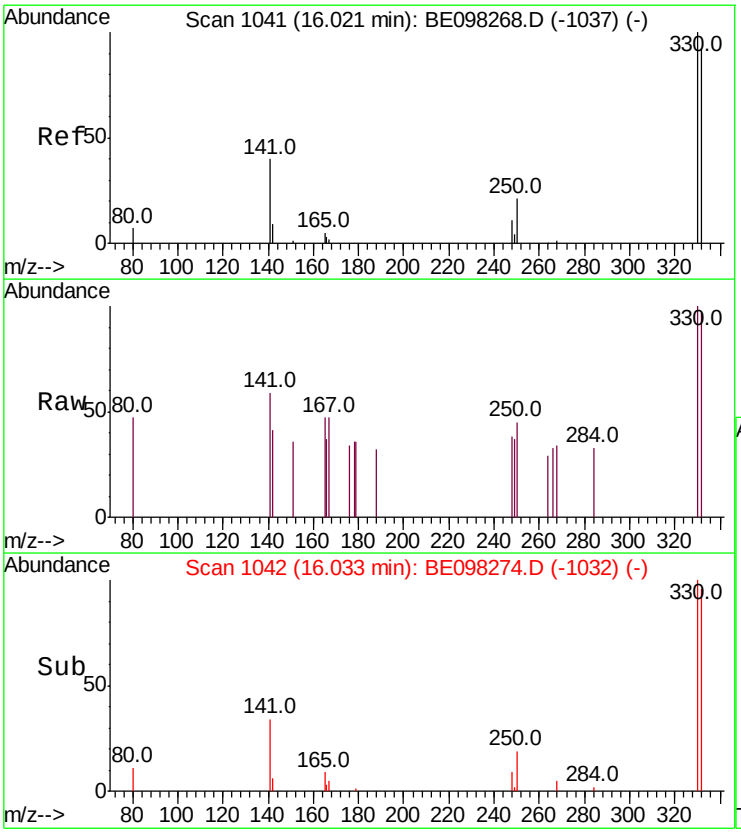
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.53 min Scan# 924
Delta R.T. -0.00 min
Lab File: BE098274.D
Acq: 29 Nov 2018 15:12

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:164 Resp: 3006

Ion	Ratio	Lower	Upper
164	100		
162	98.5	77.6	116.4
160	47.2	36.0	54.0

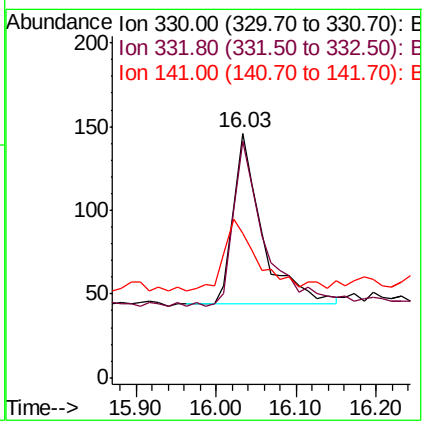


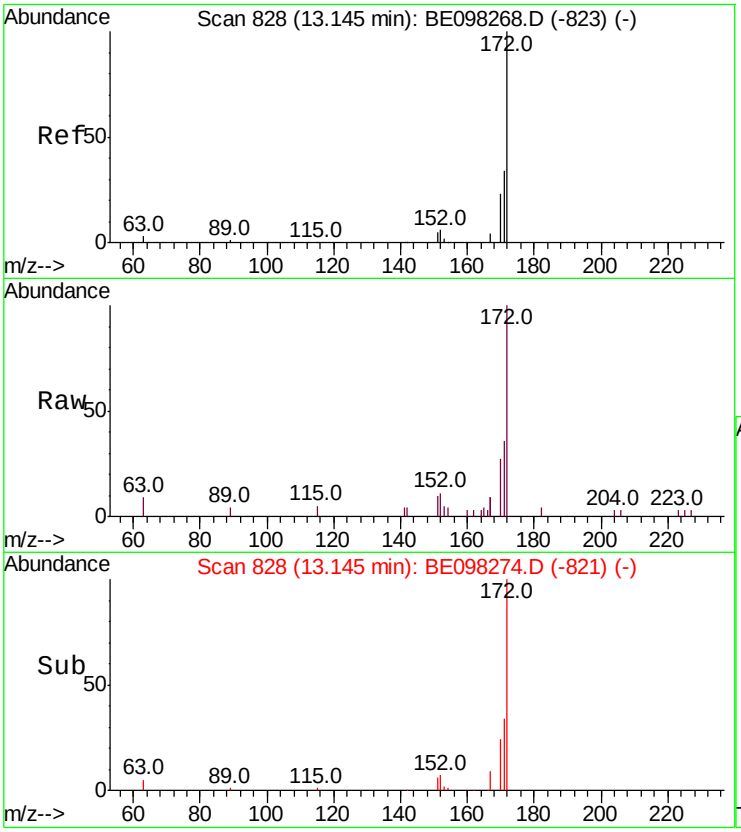


#14
2,4,6-Tribromophenol
Concen: 0.180 ng
RT: 16.03 min Scan# 1042
Delta R.T. 0.01 min
Lab File: BE098274.D
Acq: 29 Nov 2018 15:12

Tgt Ion:330 Resp: 257

Ion	Ratio	Lower	Upper
330	100		
332	105.8	76.2	114.4
141	50.2	39.0	58.4



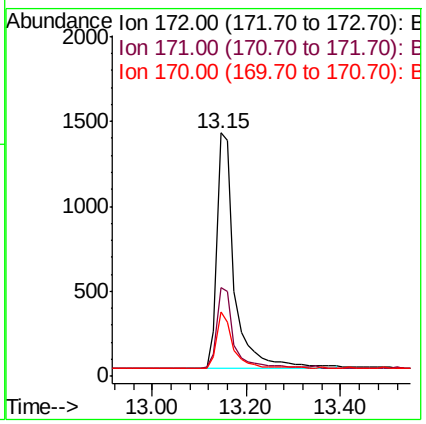


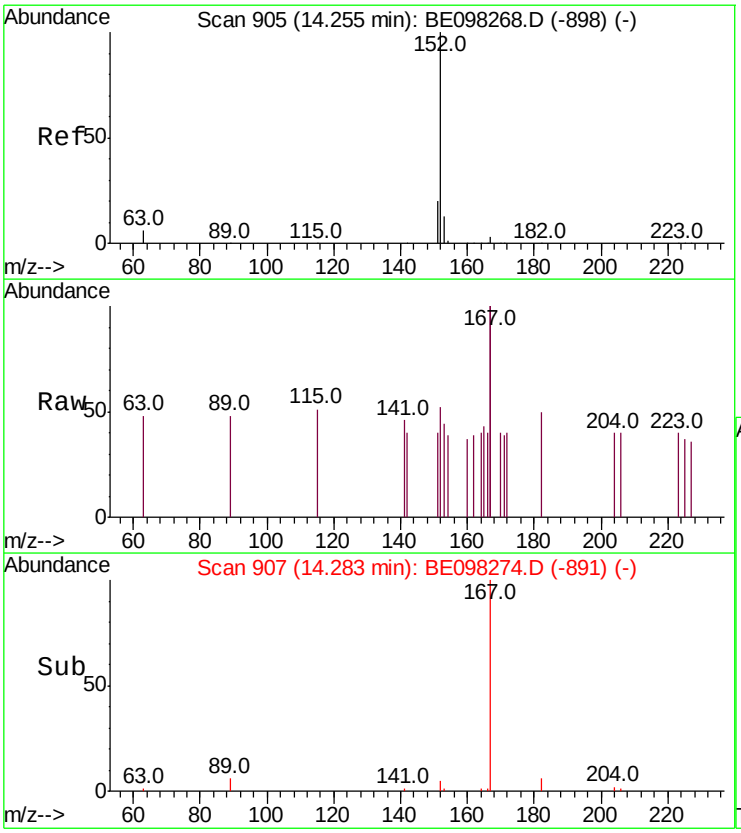
#15
2-Fluorobiphenyl
Concen: 0.292 ng
RT: 13.15 min Scan# 828
Delta R.T. -0.00 min
Lab File: BE098274.D
Acq: 29 Nov 2018 15:12

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:172 Resp: 3637

Ion	Ratio	Lower	Upper
172	100		
171	36.5	27.5	41.3
170	26.6	19.6	29.4

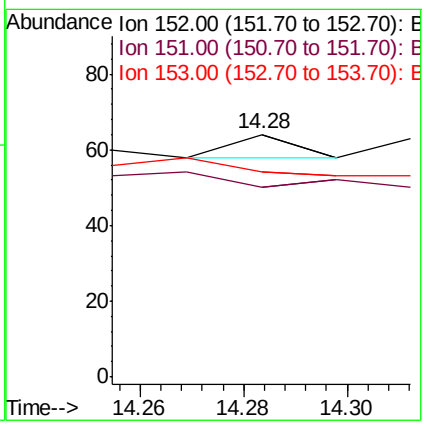


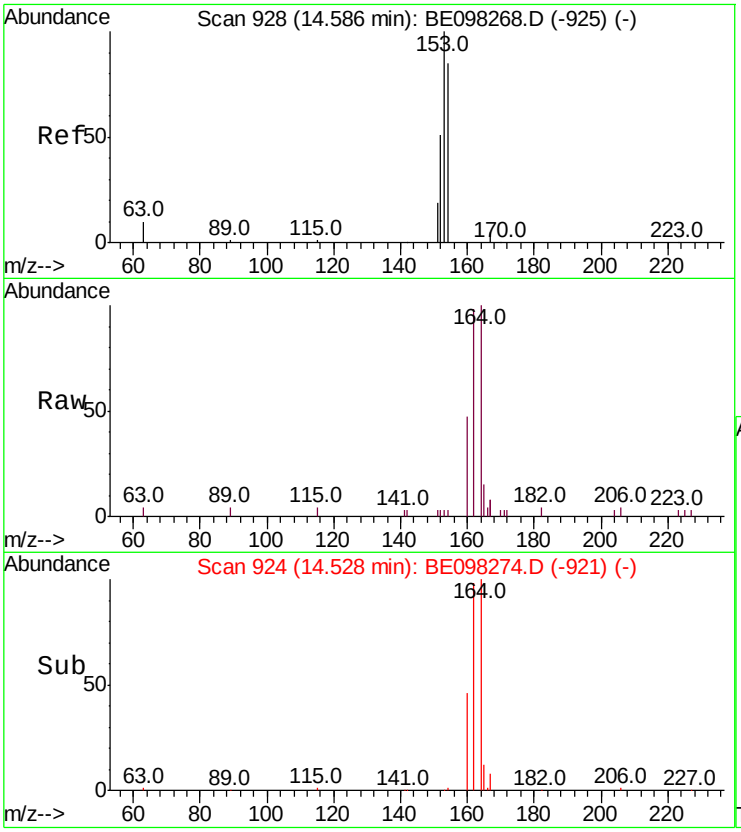


#16
Acenaphthylene
Concen: 0.000 ng
RT: 14.28 min Scan# 907
Delta R.T. 0.03 min
Lab File: BE098274.D
Acq: 29 Nov 2018 15:12

Tgt Ion:152 Resp: 5

Ion	Ratio	Lower	Upper
152	100		
151	180.0	15.5	23.3#
153	780.0	10.6	16.0#



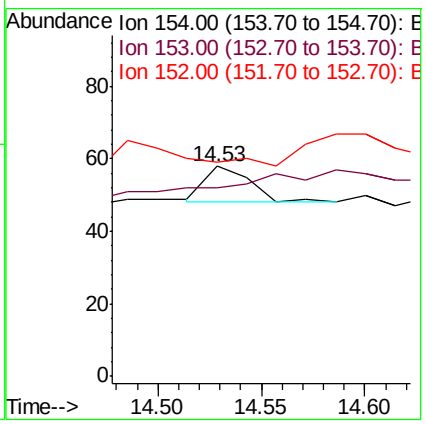


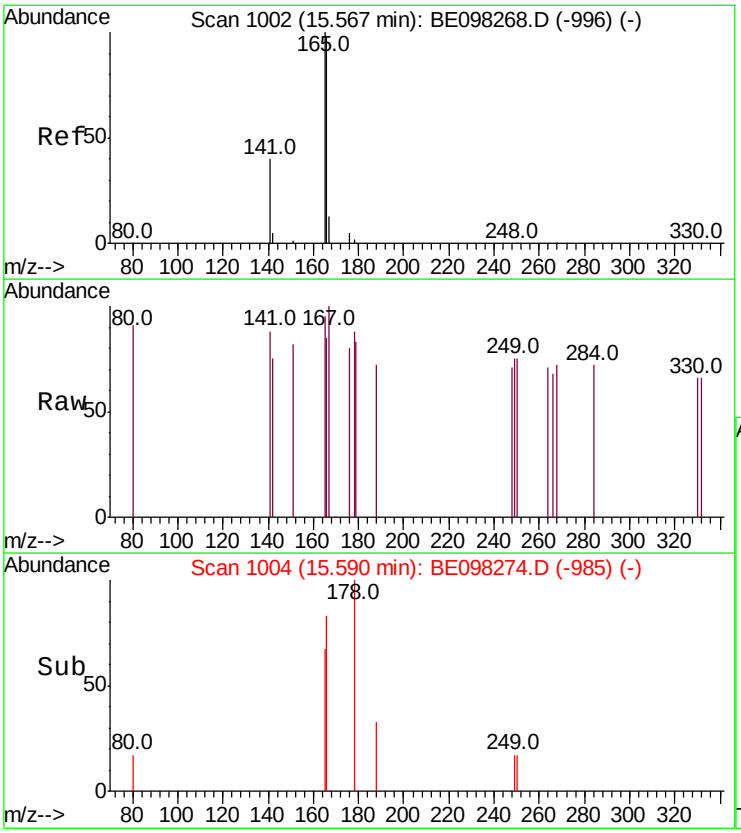
#17
Acenaphthene
Concen: 0.002 ng
RT: 14.53 min Scan# 924
Delta R.T. -0.06 min
Lab File: BE098274.D
Acq: 29 Nov 2018 15:12

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:154 Resp: 16

Ion	Ratio	Lower	Upper
154	100		
153	0.0	91.8	137.6#
152	0.0	45.5	68.3#

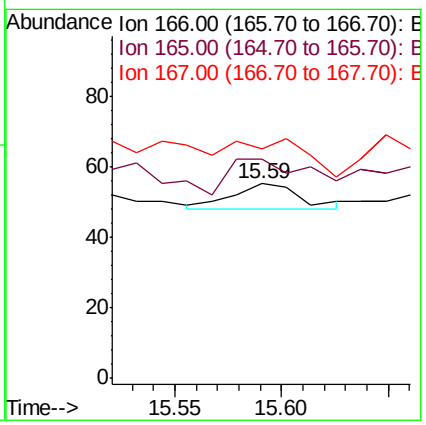


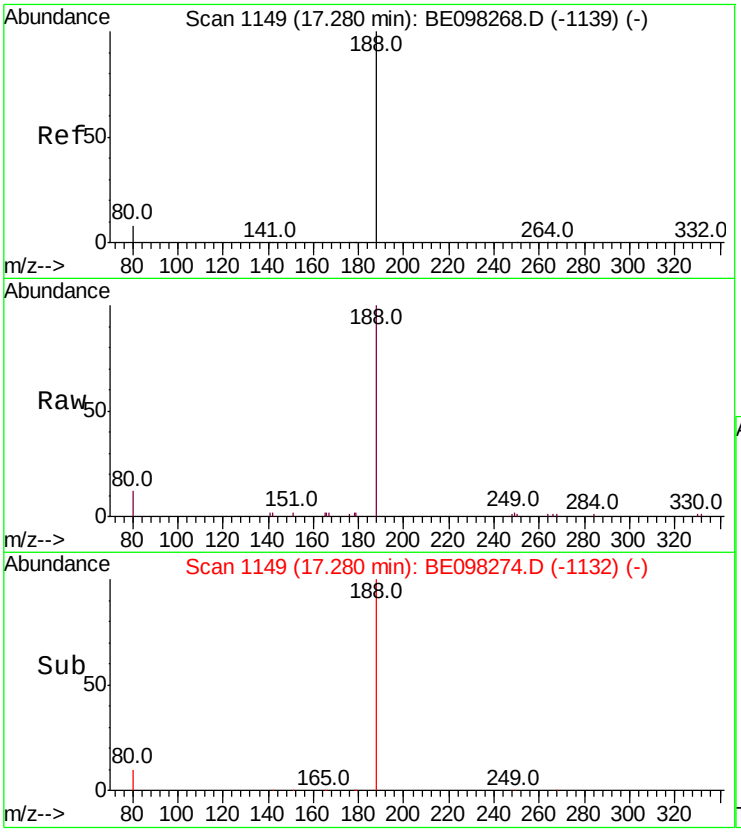


#18
Fluorene
Concen: 0.001 ng
RT: 15.59 min Scan# 1004
Delta R.T. 0.02 min
Lab File: BE098274.D
Acq: 29 Nov 2018 15:12

Tgt Ion:166 Resp: 15

Ion	Ratio	Lower	Upper
166	100		
165	0.0	79.3	118.9#
167	160.0	11.3	16.9#



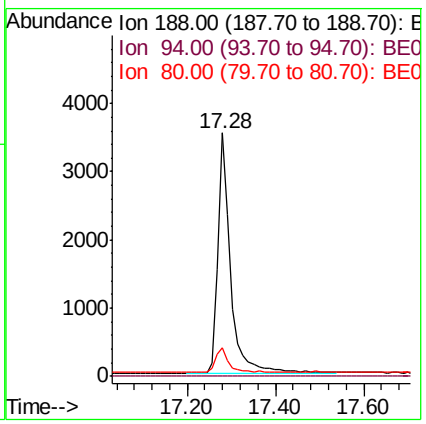


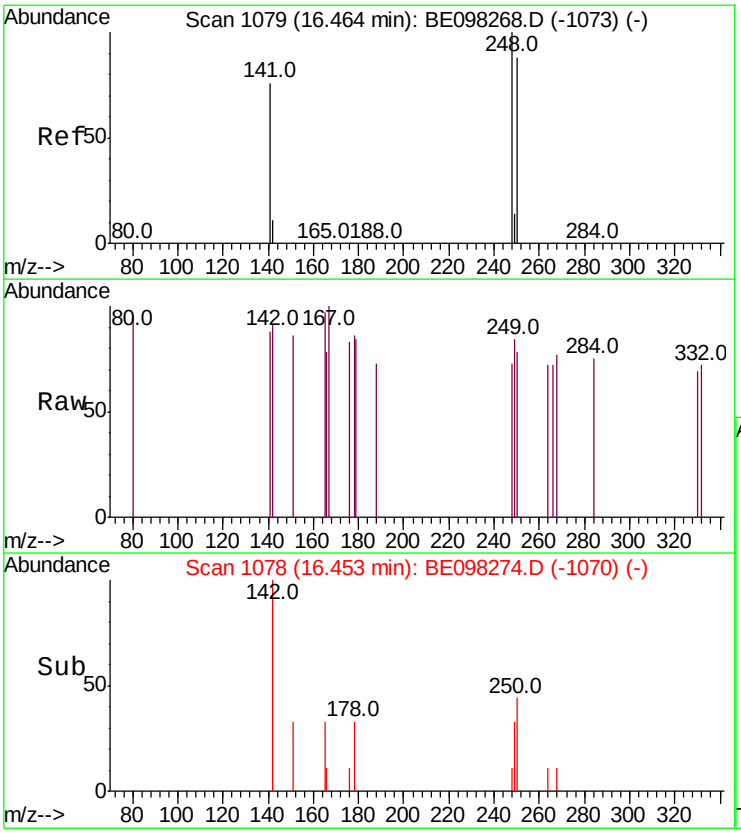
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.28 min Scan# 1149
Delta R.T. 0.00 min
Lab File: BE098274.D
Acq: 29 Nov 2018 15:12

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:188 Resp: 7028

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	11.9	7.2	10.8#

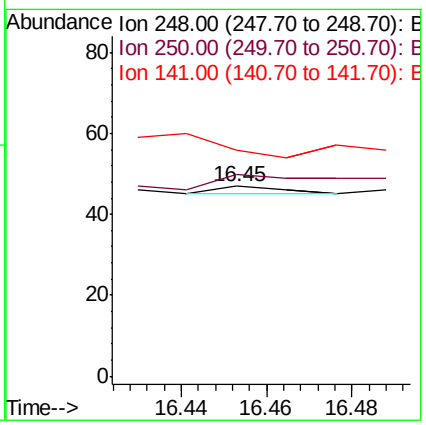


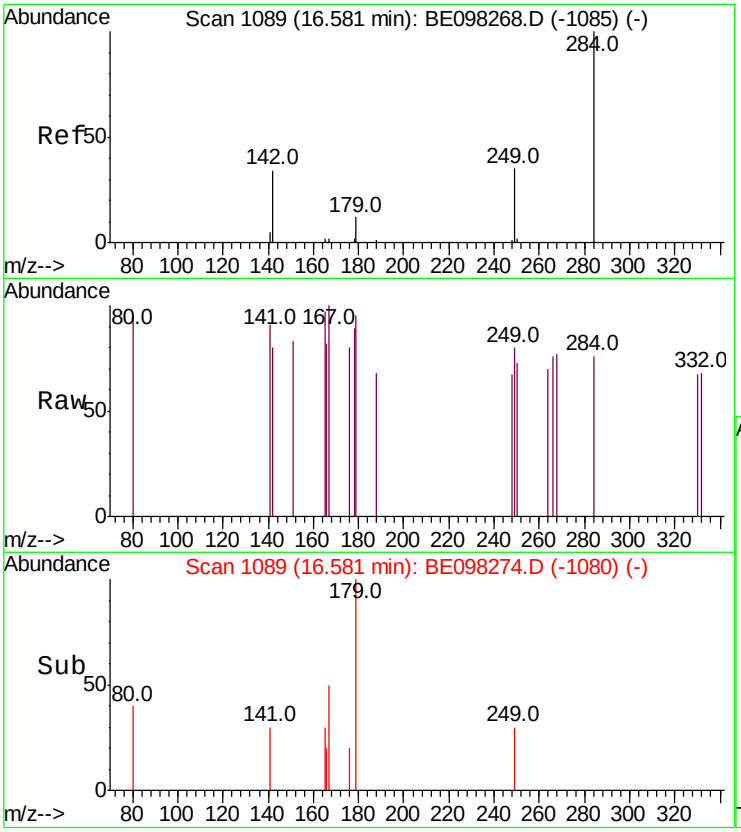


#20
4-Bromophenyl-phenylether
Concen: 0.001 ng
RT: 16.45 min Scan# 1078
Delta R.T. -0.01 min
Lab File: BE098274.D
Acq: 29 Nov 2018 15:12

Tgt Ion:248 Resp: 2

Ion	Ratio	Lower	Upper
248	100		
250	106.4	71.0	106.6
141	119.1	62.1	93.1#



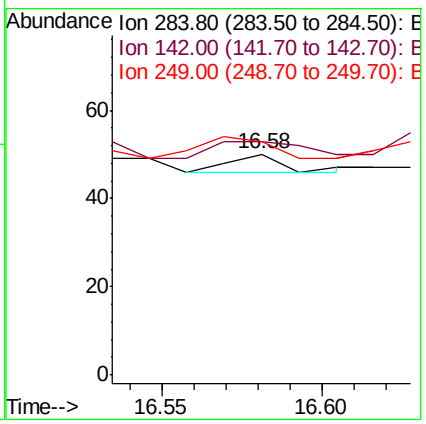


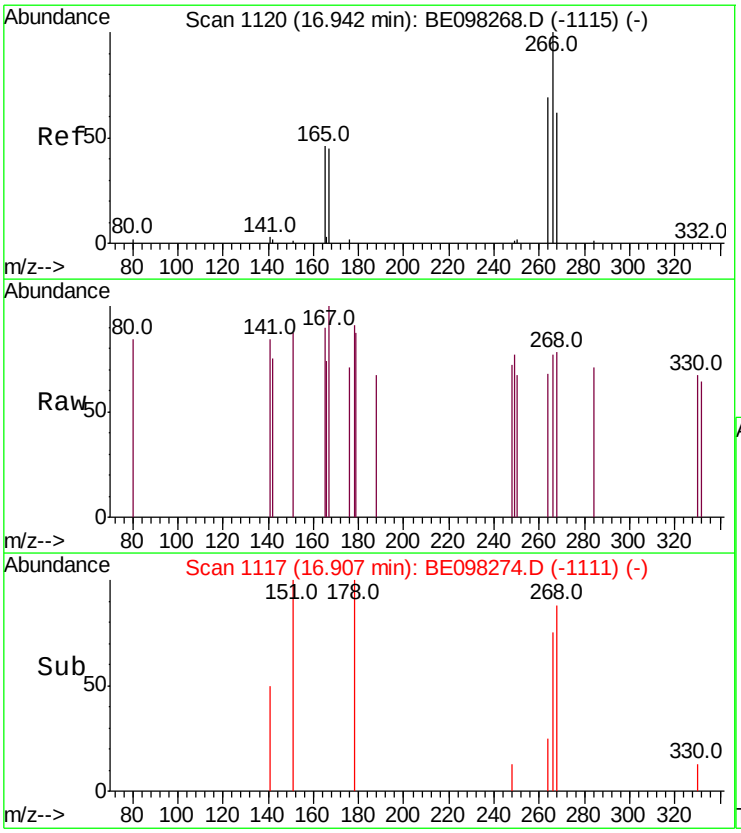
#21
Hexachlorobenzene
Concen: 0.001 ng
RT: 16.58 min Scan# 1089
Delta R.T. 0.00 min
Lab File: BE098274.D
Acq: 29 Nov 2018 15:12

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:284 Resp: 5

Ion	Ratio	Lower	Upper
284	100		
142	160.0	26.3	39.5#
249	160.0	26.0	39.0#

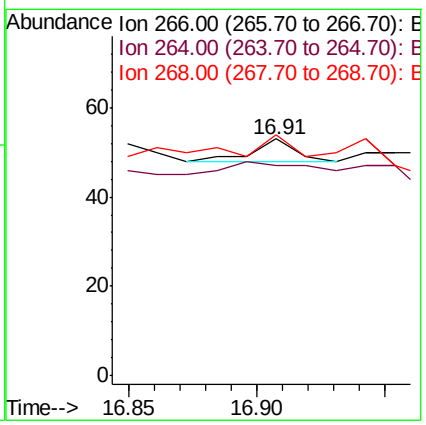


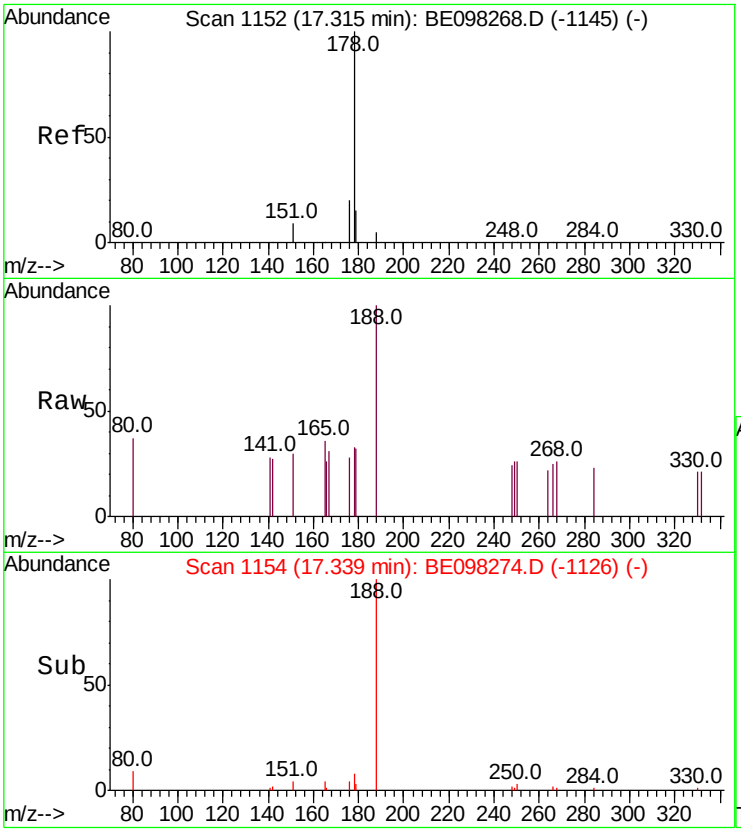


#22
Pentachlorophenol
Concen: 0.096 ng
RT: 16.91 min Scan# 1117
Delta R.T. -0.03 min
Lab File: BE098274.D
Acq: 29 Nov 2018 15:12

Tgt Ion:266 Resp: 6

Ion	Ratio	Lower	Upper
266	100		
264	88.7	59.0	88.4#
268	101.9	55.1	82.7#



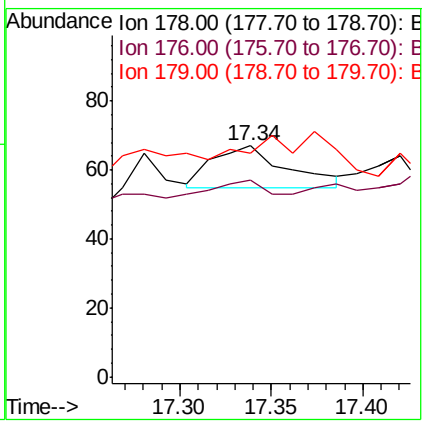


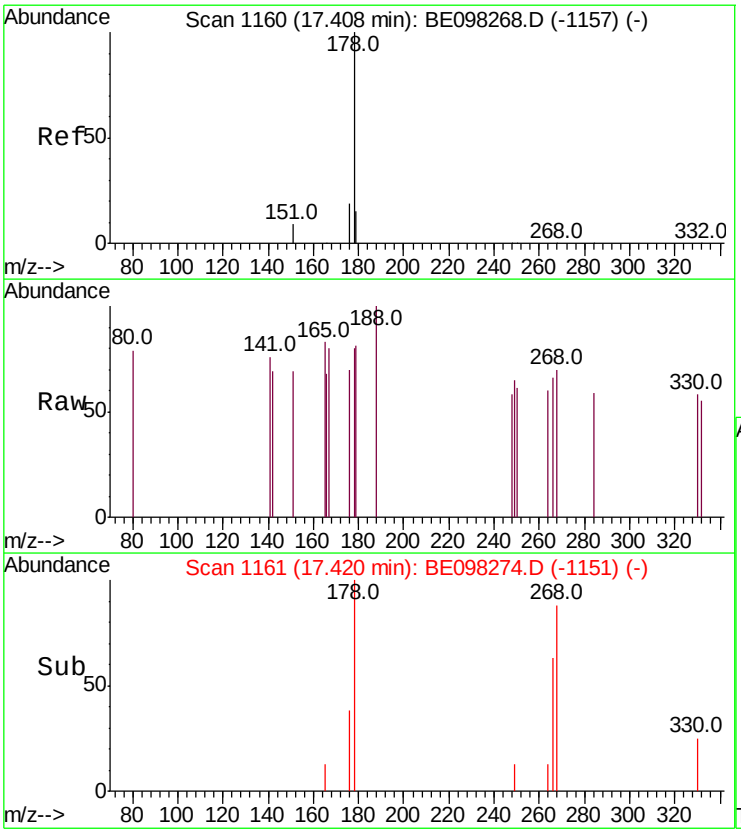
#23
Phenanthrene
Concen: 0.002 ng
RT: 17.34 min Scan# 1154
Delta R.T. 0.02 min
Lab File: BE098274.D
Acq: 29 Nov 2018 15:12

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 34

Ion	Ratio	Lower	Upper
178	100		
176	35.3	15.9	23.9#
179	0.0	12.3	18.5#

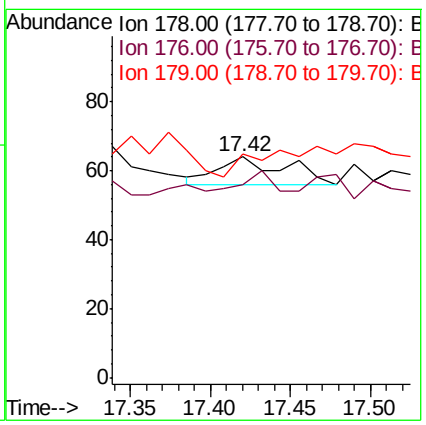


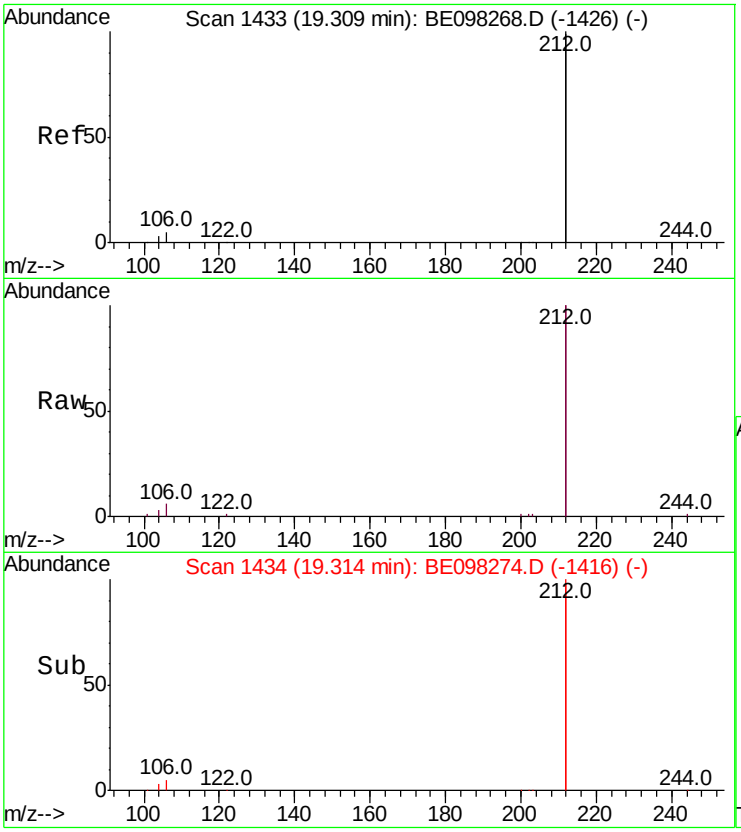


#24
Anthracene
Concen: 0.001 ng
RT: 17.42 min Scan# 1161
Delta R.T. 0.01 min
Lab File: BE098274.D
Acq: 29 Nov 2018 15:12

Tgt Ion:178 Resp: 23

Ion	Ratio	Lower	Upper
178	100		
176	43.5	15.0	22.4#
179	0.0	12.3	18.5#



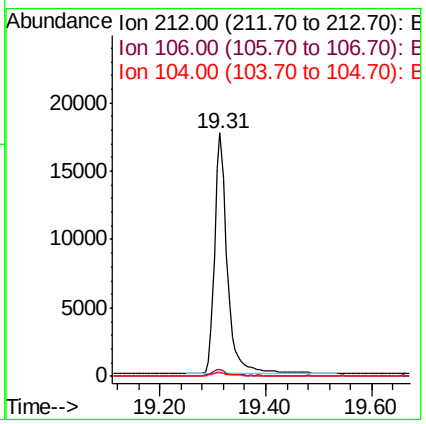


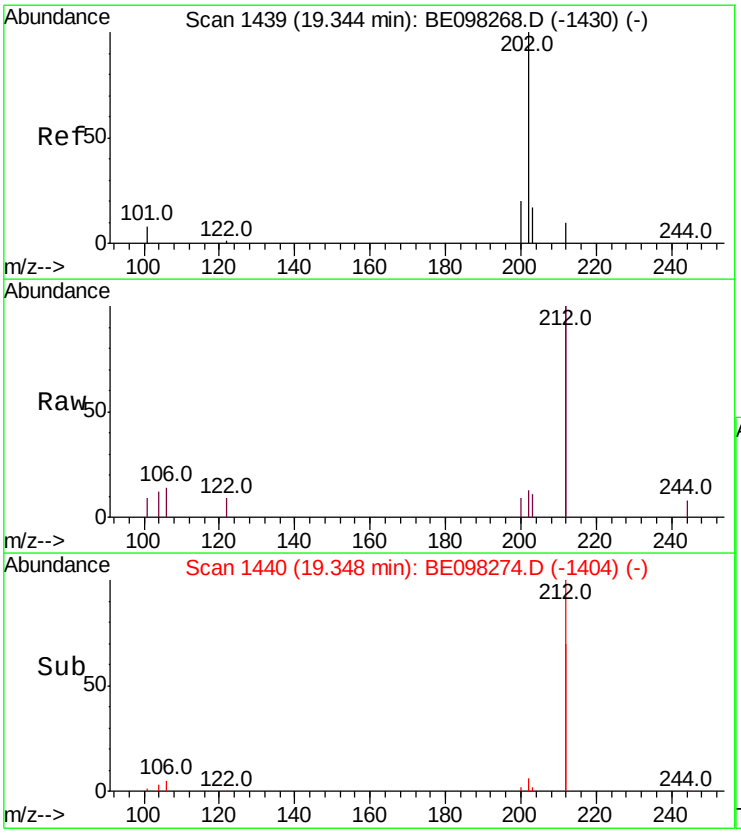
#25
Fluoranthene-d10
Concen: 0.308 ng
RT: 19.31 min Scan# 1434
Delta R.T. 0.00 min
Lab File: BE098274.D
Acq: 29 Nov 2018 15:12

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:212 Resp: 29236

Ion	Ratio	Lower	Upper
212	100		
106	2.9	2.2	3.2
104	1.5	1.3	1.9

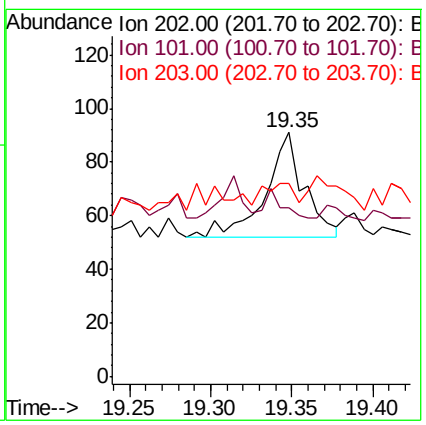


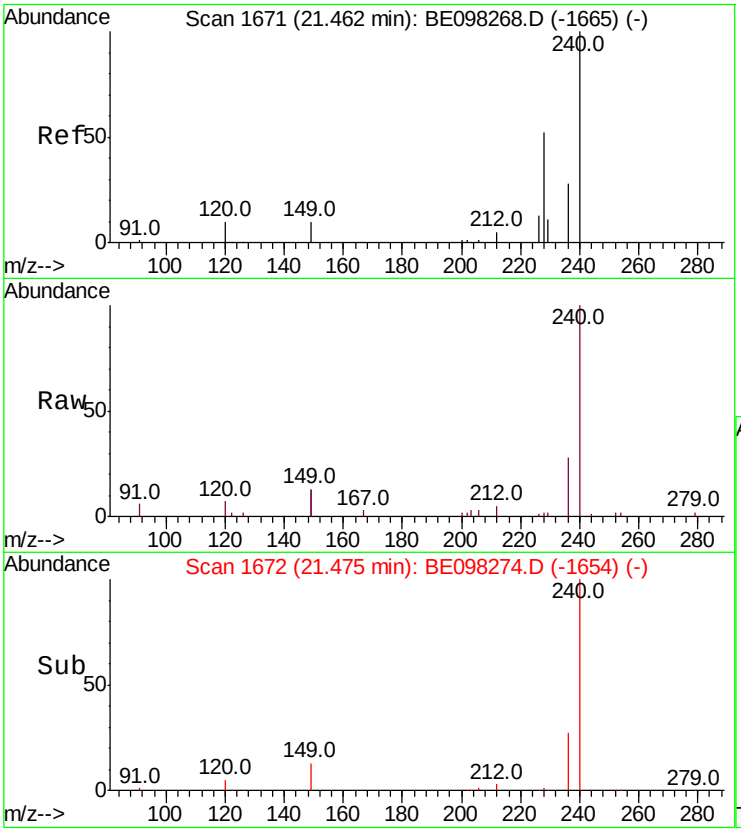


#26
Fluoranthene
Concen: 0.003 ng
RT: 19.35 min Scan# 1440
Delta R.T. 0.00 min
Lab File: BE098274.D
Acq: 29 Nov 2018 15:12

Tgt Ion:202 Resp: 64

Ion	Ratio	Lower	Upper
202	100		
101	21.9	8.0	12.0#
203	20.3	13.8	20.6



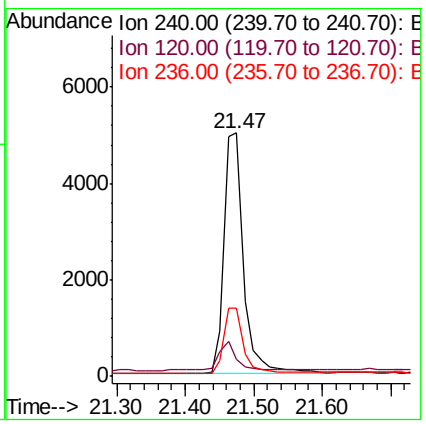


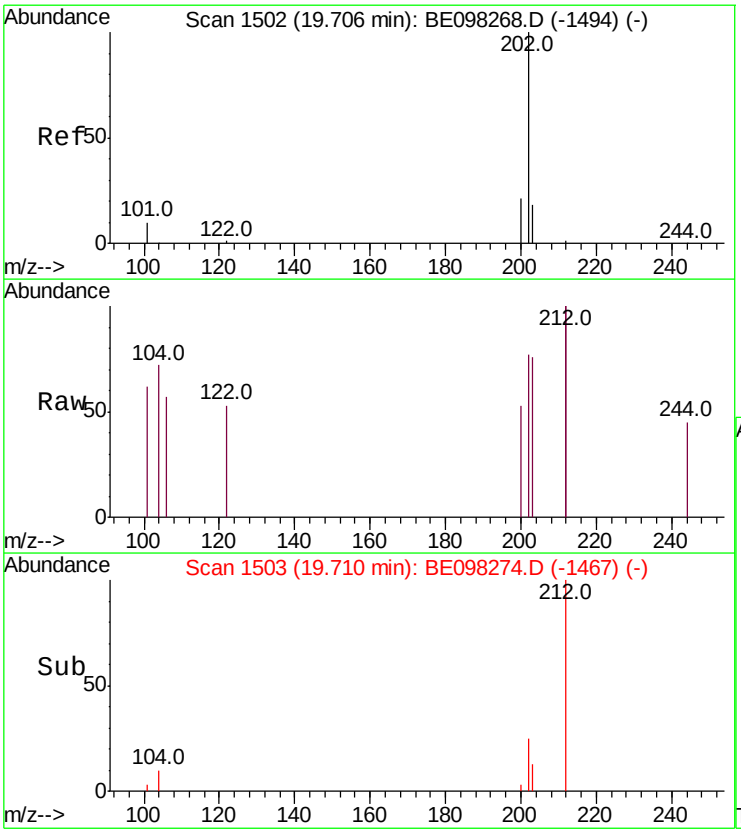
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.47 min Scan# 1672
Delta R.T. 0.01 min
Lab File: BE098274.D
Acq: 29 Nov 2018 15:12

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:240 Resp: 9913

Ion	Ratio	Lower	Upper
240	100		
120	7.2	9.5	14.3#
236	27.8	22.7	34.1

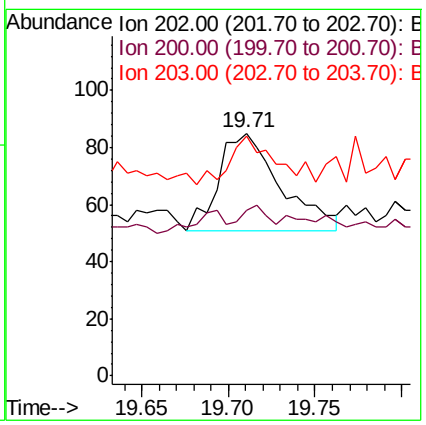


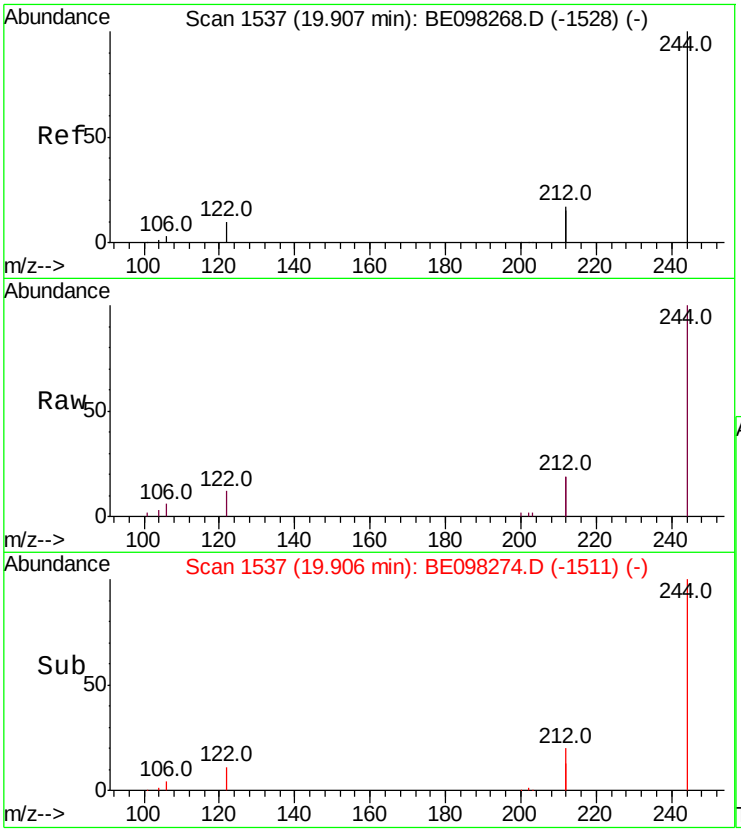


#28
Pyrene
Concen: 0.003 ng
RT: 19.71 min Scan# 1503
Delta R.T. 0.00 min
Lab File: BE098274.D
Acq: 29 Nov 2018 15:12

Tgt Ion:202 Resp: 84

Ion	Ratio	Lower	Upper
202	100		
200	8.3	16.7	25.1#
203	35.7	14.1	21.1#



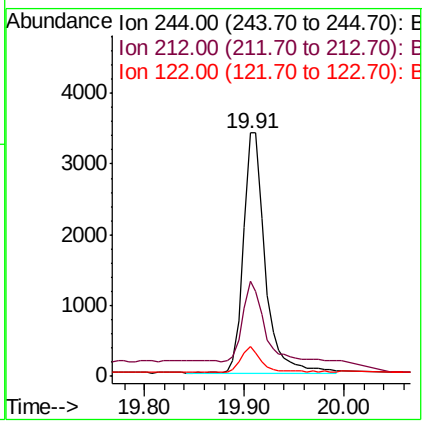


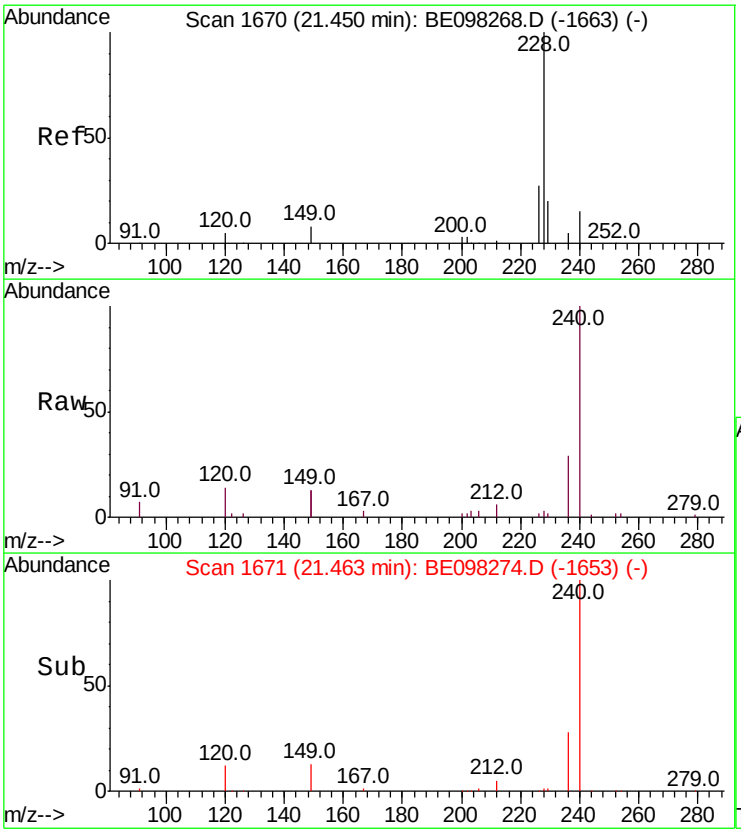
#29
Terphenyl-d14
Concen: 0.230 ng
RT: 19.91 min Scan# 1537
Delta R.T. -0.00 min
Lab File: BE098274.D
Acq: 29 Nov 2018 15:12

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:244 Resp: 5127

Ion	Ratio	Lower	Upper
244	100		
212	39.0	27.4	41.0
122	12.5	8.3	12.5

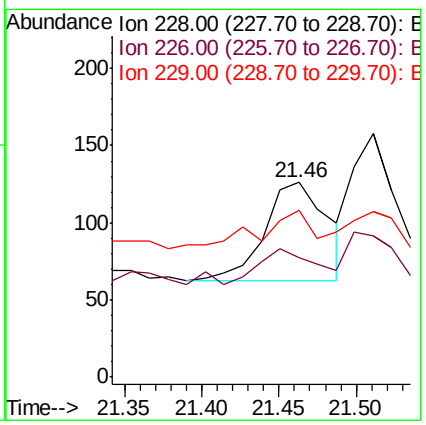


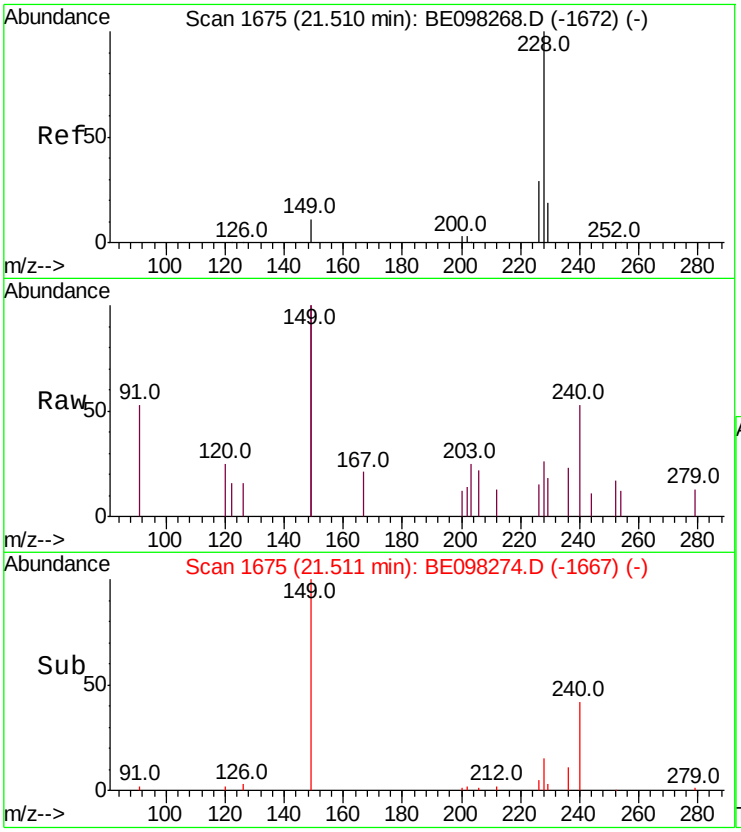


#30
Benzo(a)anthracene
Concen: 0.006 ng
RT: 21.46 min Scan# 1671
Delta R.T. 0.01 min
Lab File: BE098274.D
Acq: 29 Nov 2018 15:12

Tgt Ion:228 Resp: 182

Ion	Ratio	Lower	Upper
228	100		
226	61.1	21.8	32.8#
229	85.7	16.3	24.5#



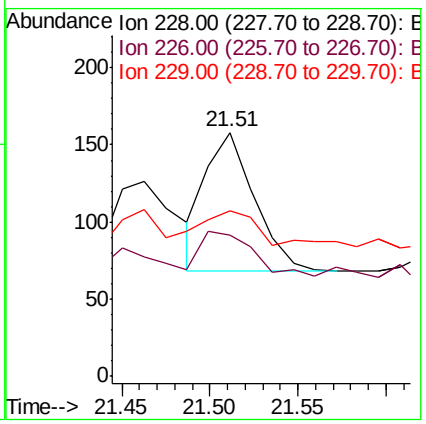


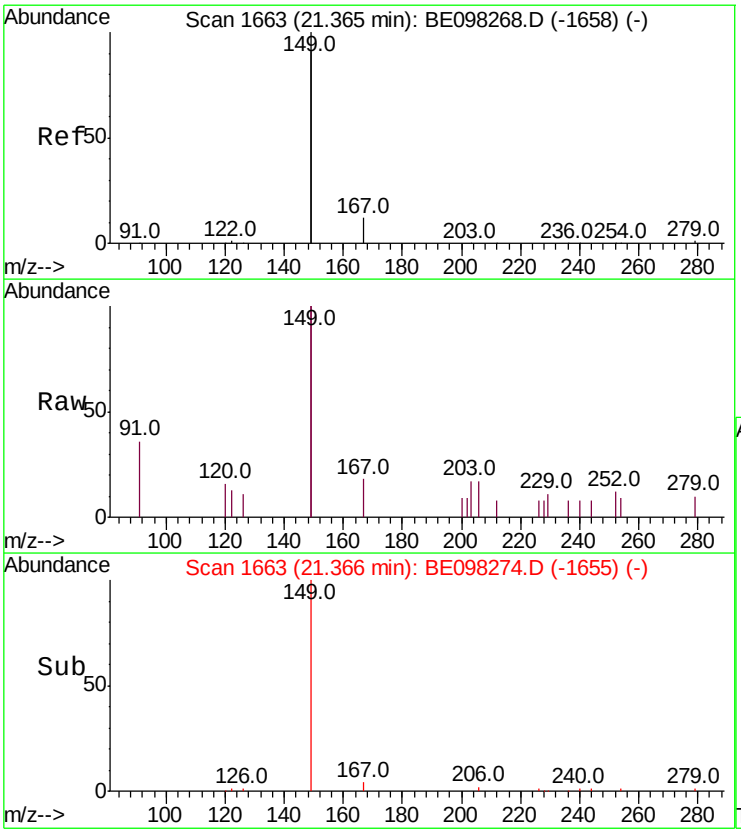
#31
Chrysene
Concen: 0.006 ng
RT: 21.51 min Scan# 1675
Delta R.T. 0.00 min
Lab File: BE098274.D
Acq: 29 Nov 2018 15:12

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 173

Ion	Ratio	Lower	Upper
228	100		
226	57.6	23.4	35.0#
229	67.7	16.2	24.4#

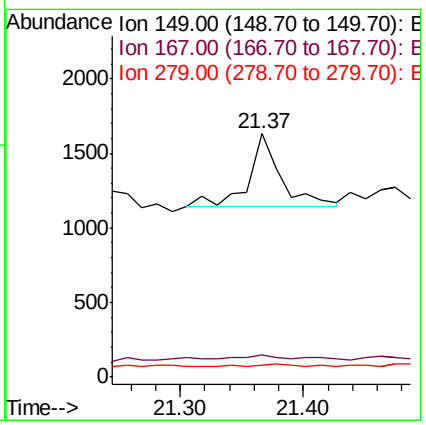


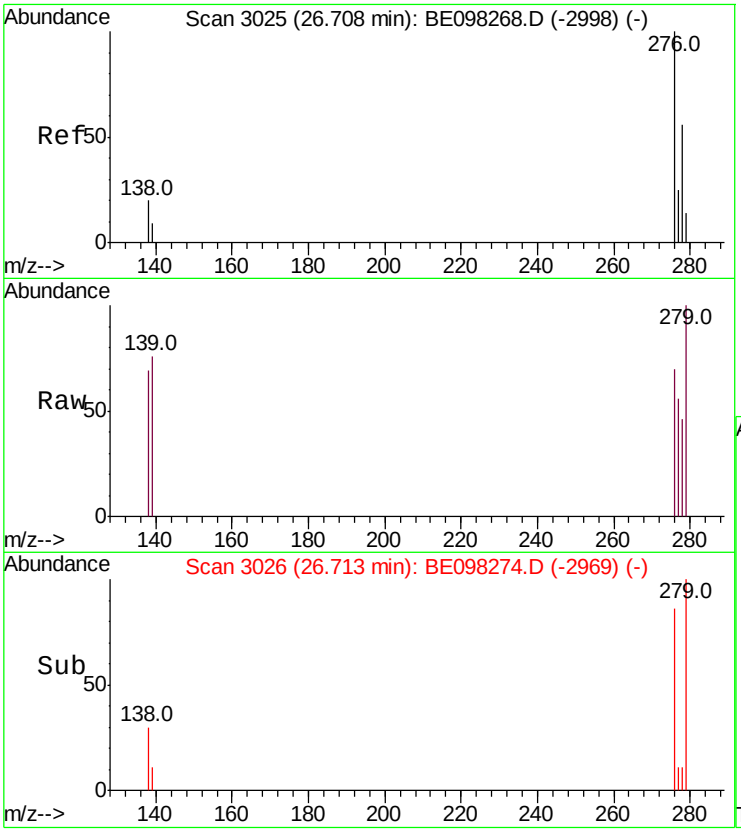


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.012 ng
RT: 21.37 min Scan# 1663
Delta R.T. 0.00 min
Lab File: BE098274.D
Acq: 29 Nov 2018 15:12

Tgt Ion:149 Resp: 858

Ion	Ratio	Lower	Upper
149	100		
167	9.8	5.7	8.5#
279	3.7	1.0	1.4#



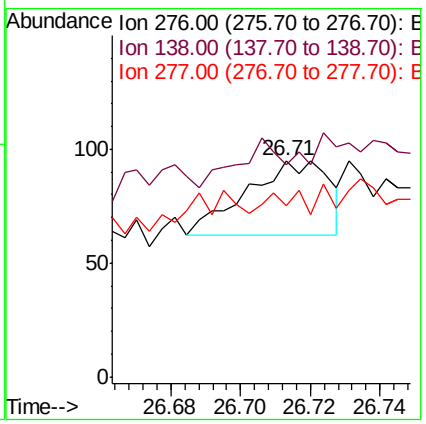


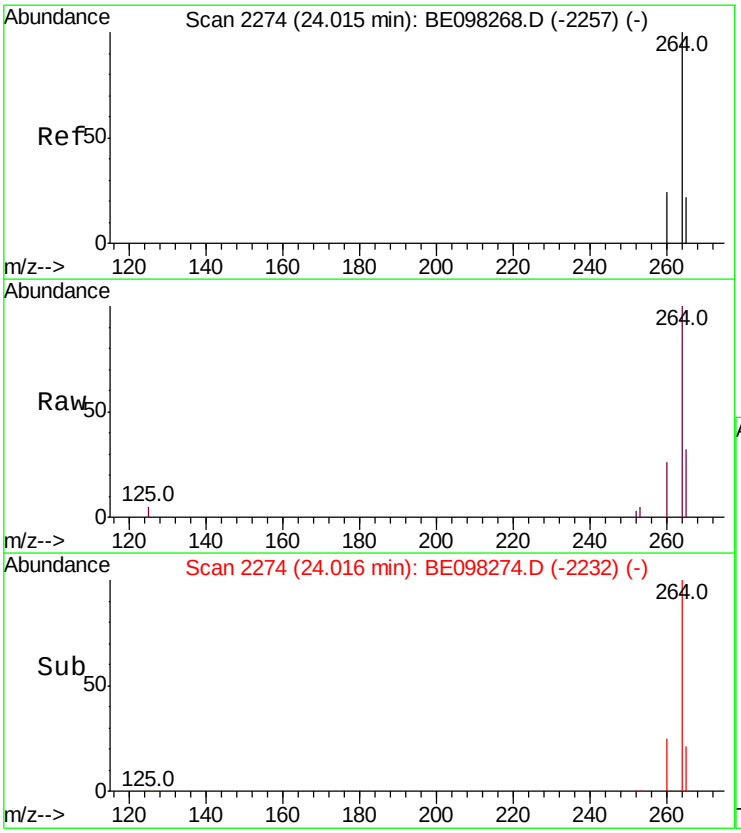
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.002 ng
RT: 26.71 min Scan# 3026
Delta R.T. 0.00 min
Lab File: BE098274.D
Acq: 29 Nov 2018 15:12

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 54

Ion	Ratio	Lower	Upper
276	100		
138	33.3	16.3	24.5#
277	5.6	20.2	30.4#

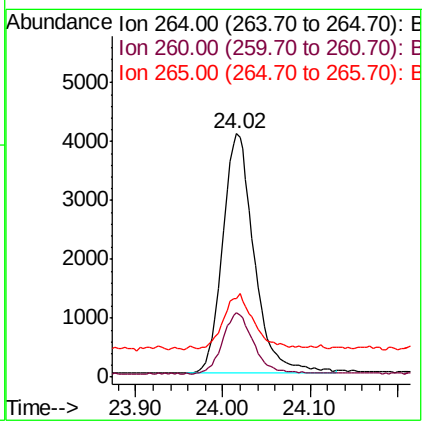


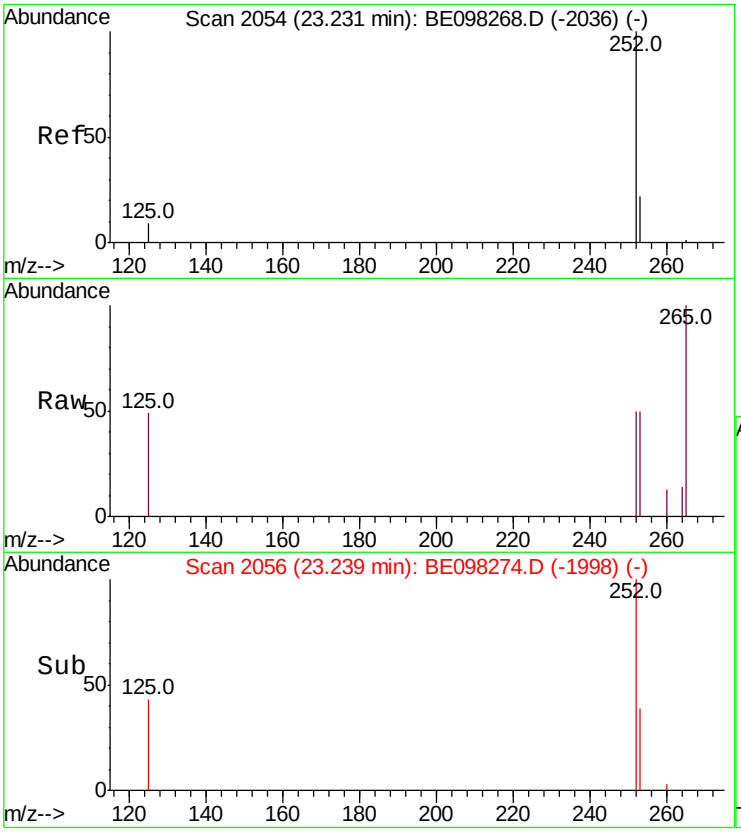


#34
Perylene-d12
Concen: 0.400 ng
RT: 24.02 min Scan# 2274
Delta R.T. 0.00 min
Lab File: BE098274.D
Acq: 29 Nov 2018 15:12

Tgt Ion:264 Resp: 10221

Ion	Ratio	Lower	Upper
264	100		
260	26.3	20.2	30.2
265	32.1	25.2	37.8



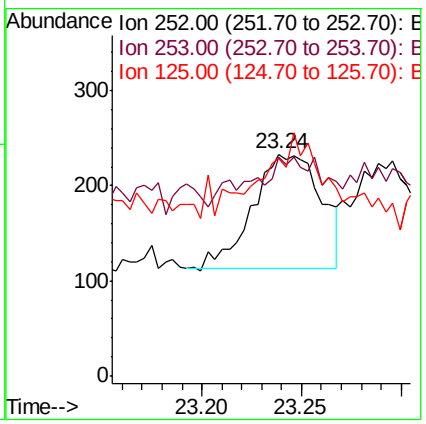


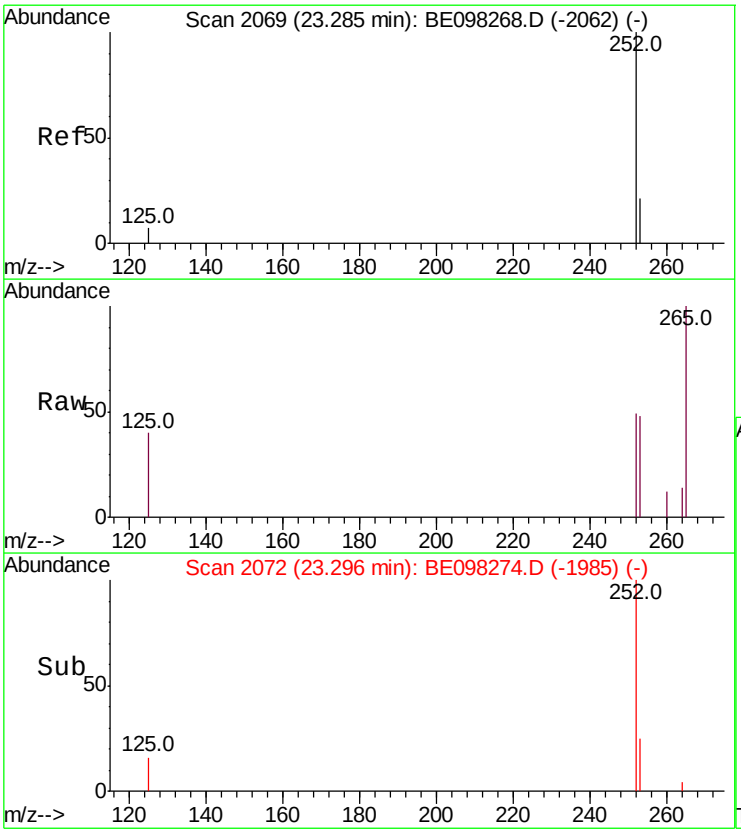
#35
Benzo(b)fluoranthene
Concen: 0.010 ng
RT: 23.24 min Scan# 2056
Delta R.T. 0.01 min
Lab File: BE098274.D
Acq: 29 Nov 2018 15:12

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 285

Ion	Ratio	Lower	Upper
252	100		
253	98.7	20.0	30.0#
125	98.3	9.6	14.4#

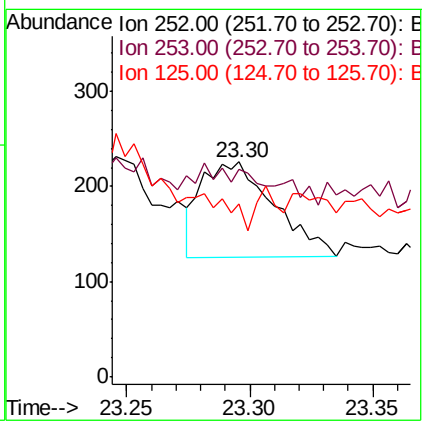


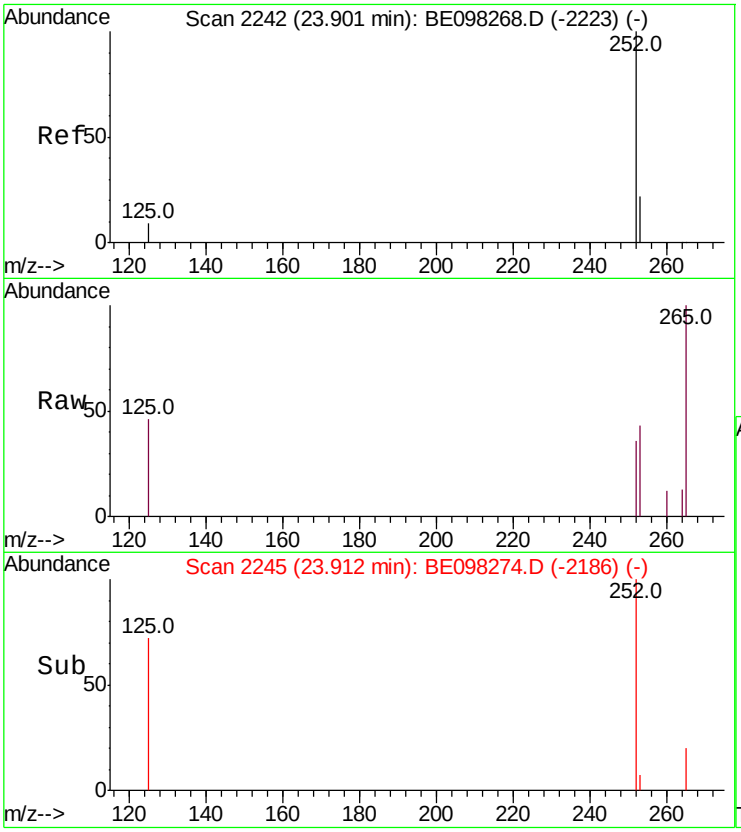


#36
Benzo(k)fluoranthene
Concen: 0.007 ng
RT: 23.30 min Scan# 2072
Delta R.T. 0.01 min
Lab File: BE098274.D
Acq: 29 Nov 2018 15:12

Tgt Ion:252 Resp: 205

Ion	Ratio	Lower	Upper
252	100		
253	96.5	19.0	28.6#
125	80.5	9.1	13.7#



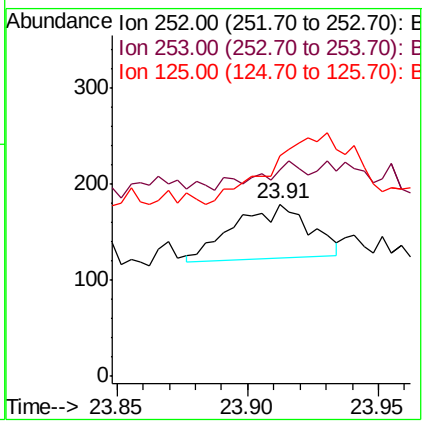


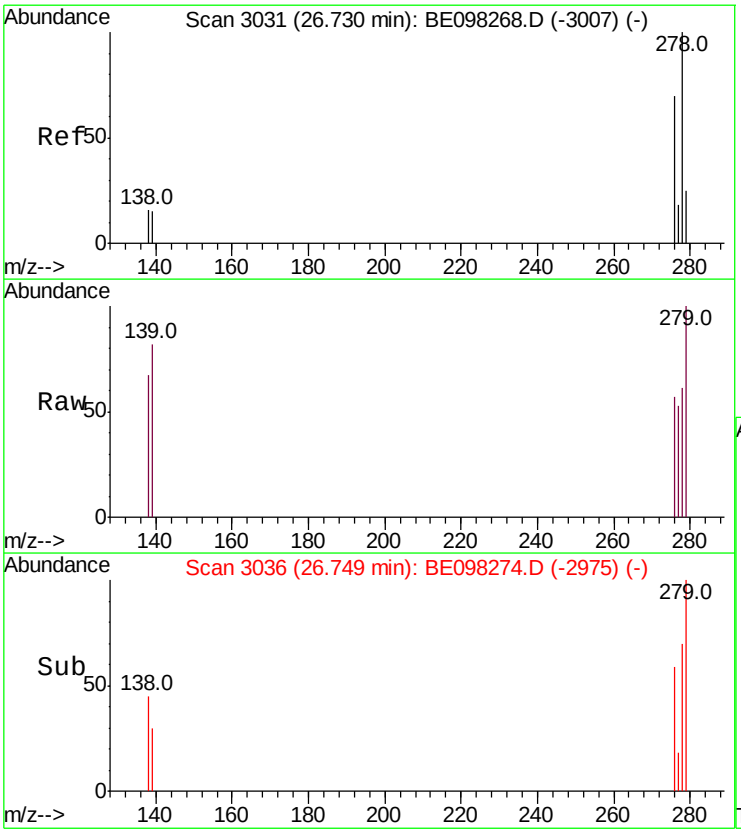
#37
Benzo(a)pyrene
Concen: 0.004 ng
RT: 23.91 min Scan# 2245
Delta R.T. 0.01 min
Lab File: BE098274.D
Acq: 29 Nov 2018 15:12

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 112

Ion	Ratio	Lower	Upper
252	100		
253	119.6	20.6	30.8#
125	127.9	10.5	15.7#

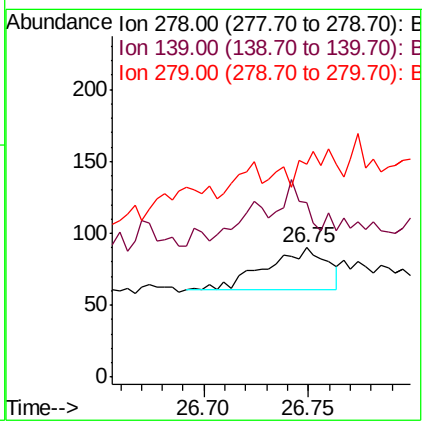


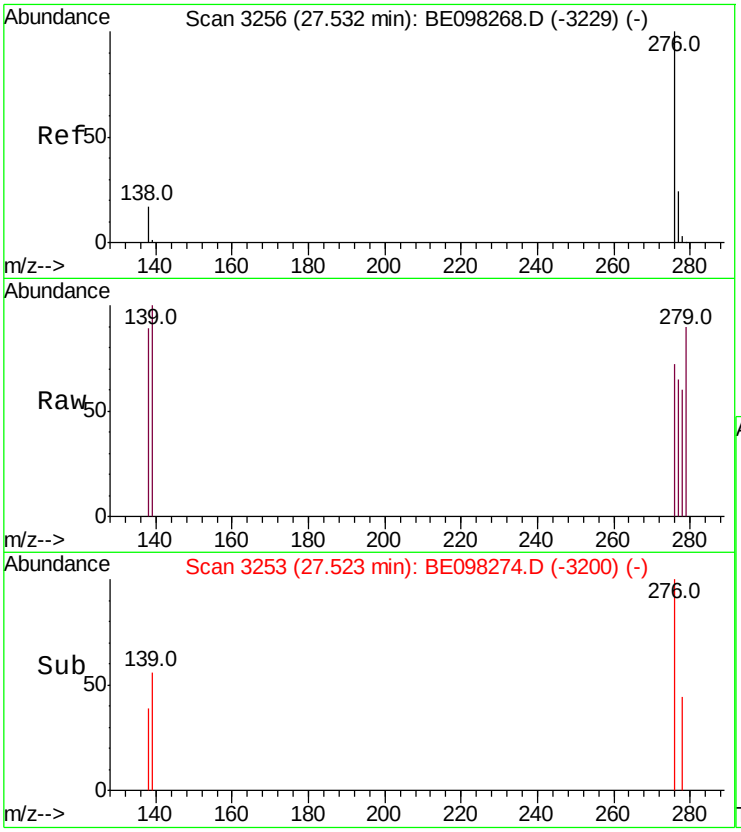


#38
Dibenzo(a,h)anthracene
Concen: 0.002 ng
RT: 26.75 min Scan# 3036
Delta R.T. 0.02 min
Lab File: BE098274.D
Acq: 29 Nov 2018 15:12

Tgt Ion:278 Resp: 58

Ion	Ratio	Lower	Upper
278	100		
139	134.4	14.5	21.7#
279	164.4	21.8	32.8#





#39
Benzo(g,h,i)perylene
Concen: 0.001 ng
RT: 27.52 min Scan# 3253
Delta R.T. -0.01 min
Lab File: BE098274.D
Acq: 29 Nov 2018 15:12

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 28

Ion	Ratio	Lower	Upper
276	100		
277	89.7	20.8	31.2#
138	123.1	15.8	23.6#