Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE113018\
Data File : BE098289.D
Acq On : 30 Nov 2018 16:37
Operator : SJ/JU
Sample : J6117-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : W-1

Quant Time: Nov 30 17:15:18 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	1603	0.40	ng		0.00
7) Naphthalene-d8	10.67	136	6721	0.40	ng		0.00
13) Acenaphthene-d10	14.53	164	4241	0.40	ng		0.00
19) Phenanthrene-d10	17.28	188	9846	0.40	ng		0.00
27) Chrysene-d12	21.46	240	10482	0.40	ng		0.00
34) Perylene-d12	24.01	264	10174	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.46	112	813	0.19	ng		0.01
5) Phenol-d6	7.05	99	834	0.14	ng		0.00
8) Nitrobenzene-d5	9.03	82	2394	0.35	ng		0.01
11) 2-Methylnaphthalene-d10	12.27	152	4416	0.40	ng		0.00
14) 2,4,6-Tribromophenol	16.02	330	649	0.32	ng		0.00
15) 2-Fluorobiphenyl	13.15	172	8012	0.46	ng		0.00
25) Fluoranthene-d10	19.31	212	51873	0.39	ng		0.00
29) Terphenyl-d14	19.91	244	9162	0.39	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.34	88	70	Below Cal		#	12
9) Naphthalene	10.72	128	2058	0.030	ng	#	88
12) 2-Methylnaphthalene	12.34	142	377	0.034	ng	#	88
16) Acenaphthylene	14.25	152	597	0.030	ng	#	71
17) Acenaphthene	14.59	154	356	0.030	ng		96
18) Fluorene	15.57	166	458	0.029	ng	#	85
22) Pentachlorophenol	16.94	266	44	0.112	ng	#	74
23) Phenanthrene	17.32	178	974	0.040	ng		93
24) Anthracene	17.41	178	622	0.027	ng		98
26) Fluoranthene	19.34	202	950	0.028	ng		96
28) Pyrene	19.70	202	1529	0.053	ng		99
30) Benzo(a)anthracene	21.45	228	939	0.030	ng	#	80
31) Chrysene	21.50	228	991	0.032	ng	#	83
32) Bis(2-ethylhexyl)phthalate	21.37	149	6299	0.085	ng		100
35) Benzo(b)fluoranthene	23.24	252	1289	0.043	ng	#	1
36) Benzo(k)fluoranthene	23.28	252	1048	0.033	ng	#	34
37) Benzo(a)pyrene	23.90	252	1071	0.037	ng	#	1
38) Dibenzo(a,h)anthracene	26.73	278	845	0.031	ng	#	19
39) Benzo(g,h,i)perylene	27.53	276	852	0.031	ng	#	59

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

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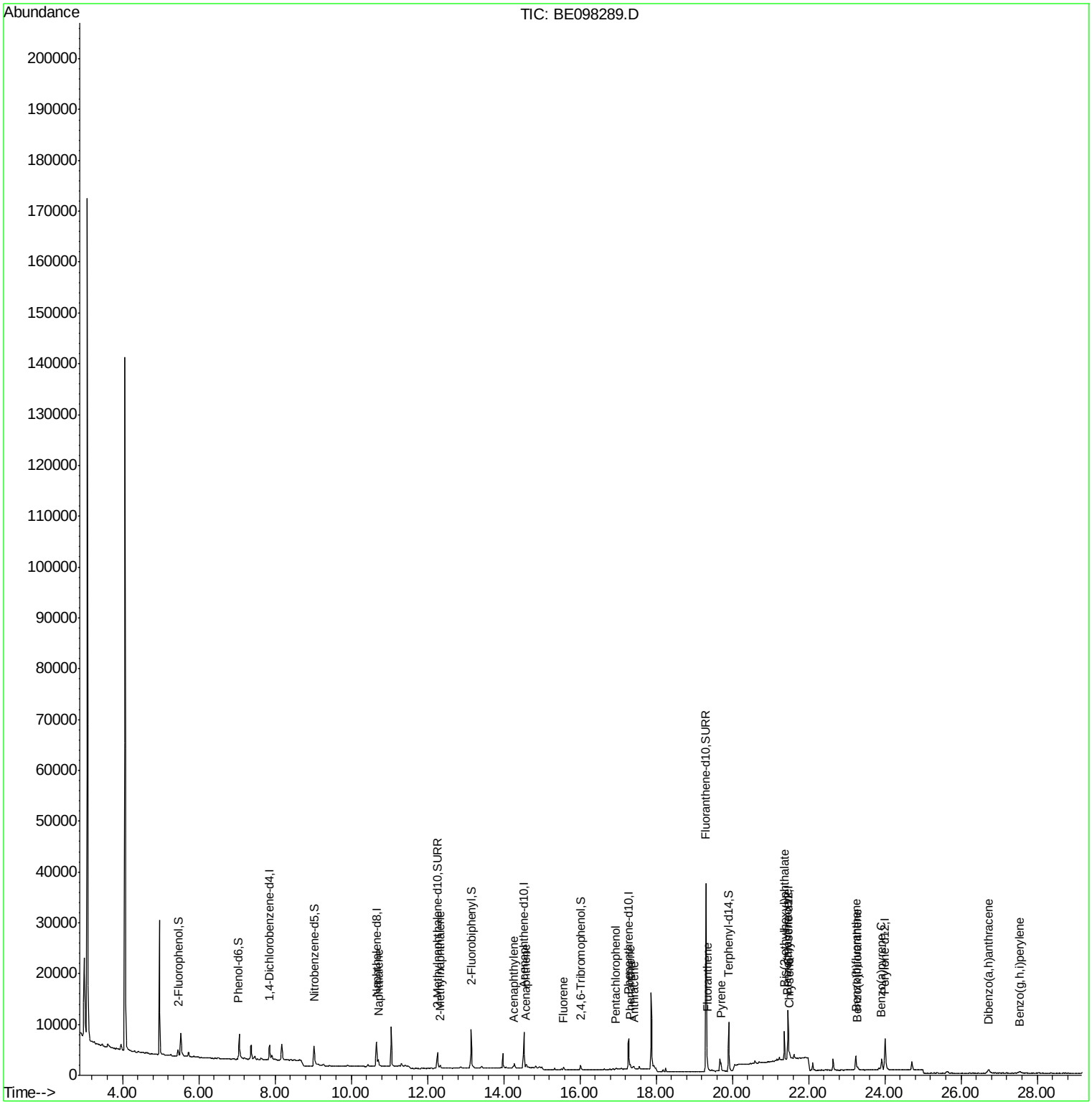
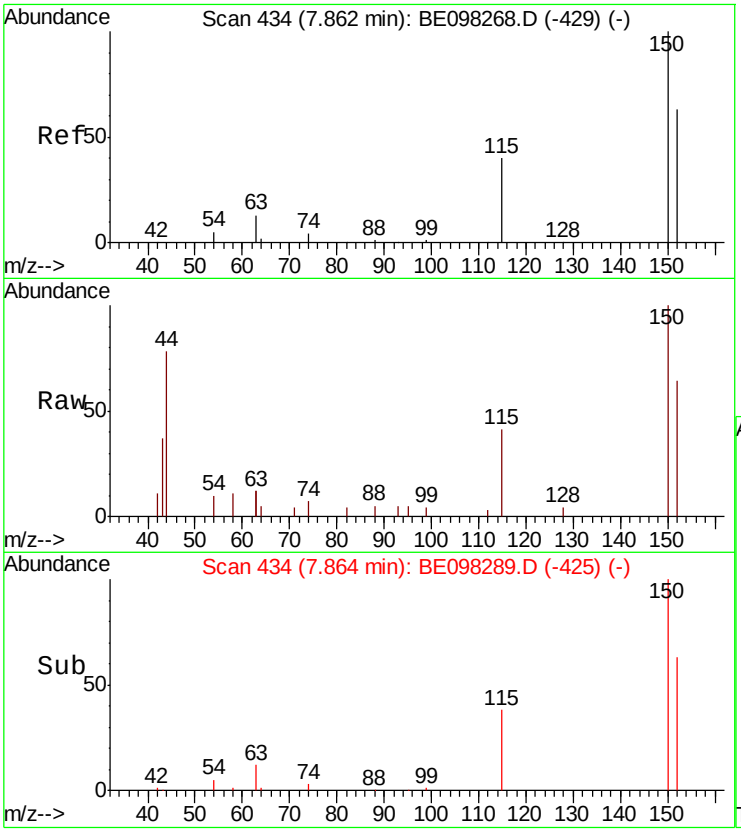


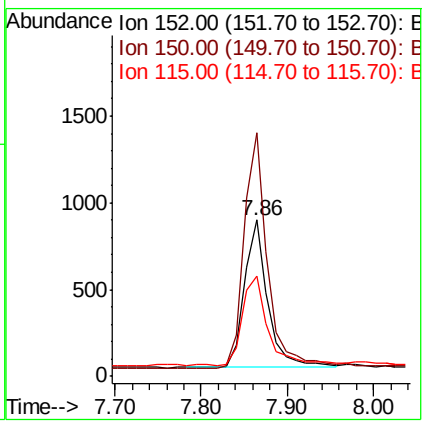


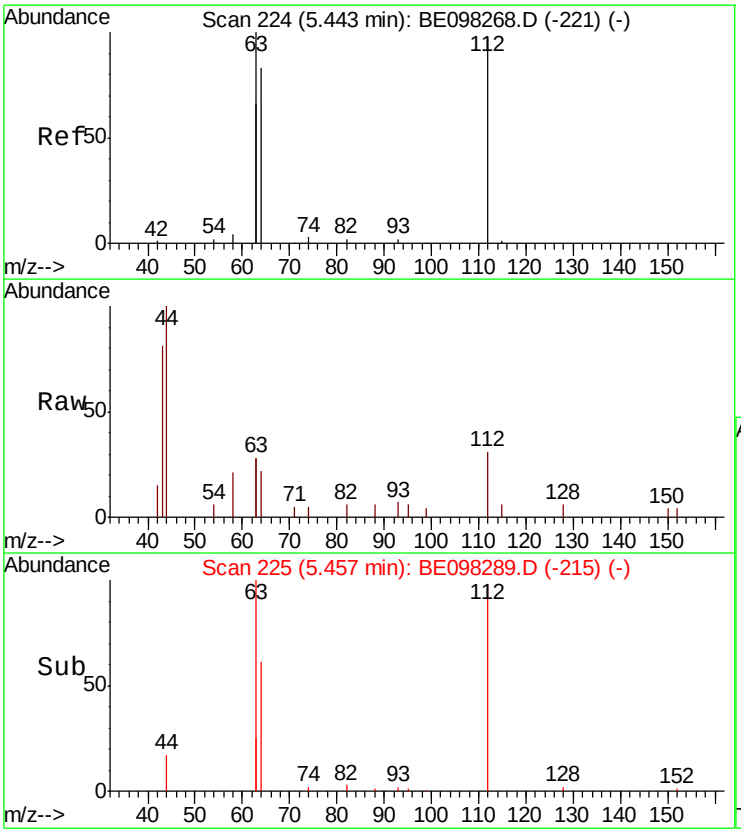
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.86 min Scan# 434
Delta R.T. 0.00 min
Lab File: BE098289.D
Acq: 30 Nov 2018 16:37

Instrument :
BNA_G
ClientSampleId :
W-1

Tgt Ion:152 Resp: 1603

Ion	Ratio	Lower	Upper
152	100		
150	155.7	124.2	186.4
115	64.2	53.9	80.9

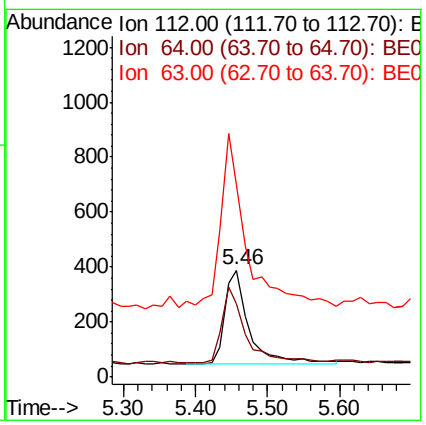


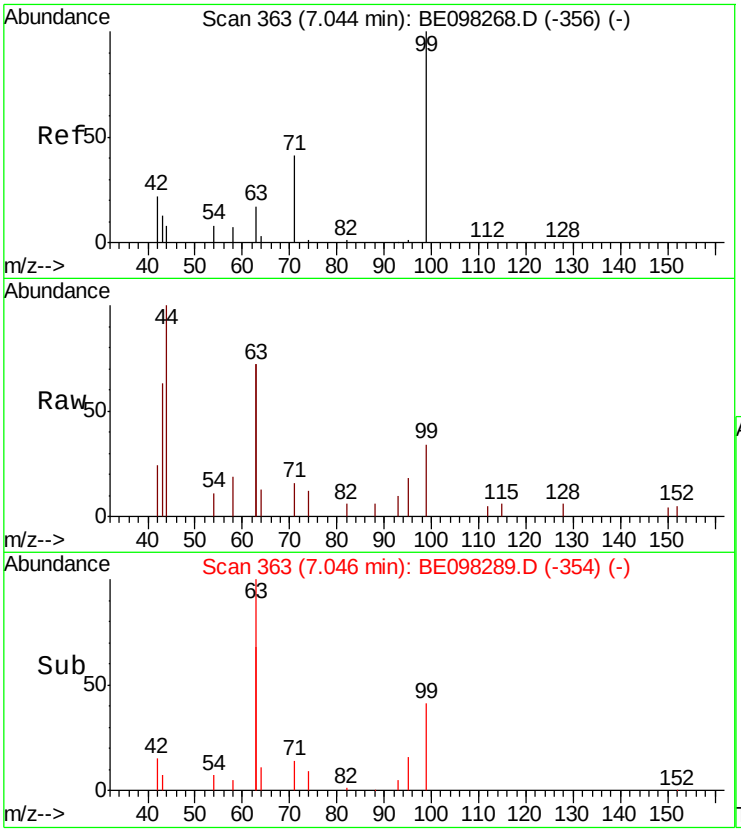


#4
2-Fluorophenol
Concen: 0.190 ng
RT: 5.46 min Scan# 225
Delta R.T. 0.01 min
Lab File: BE098289.D
Acq: 30 Nov 2018 16:37

Tgt Ion:112 Resp: 813

Ion	Ratio	Lower	Upper
112	100		
64	77.7	59.8	89.8
63	186.6	133.7	200.5



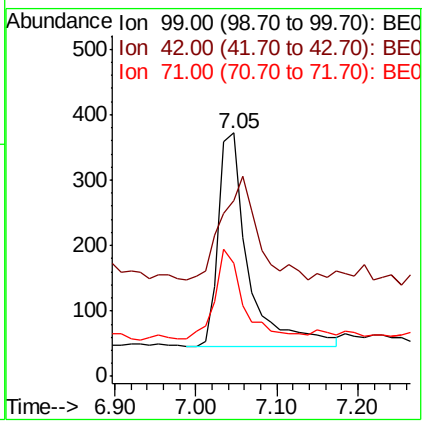


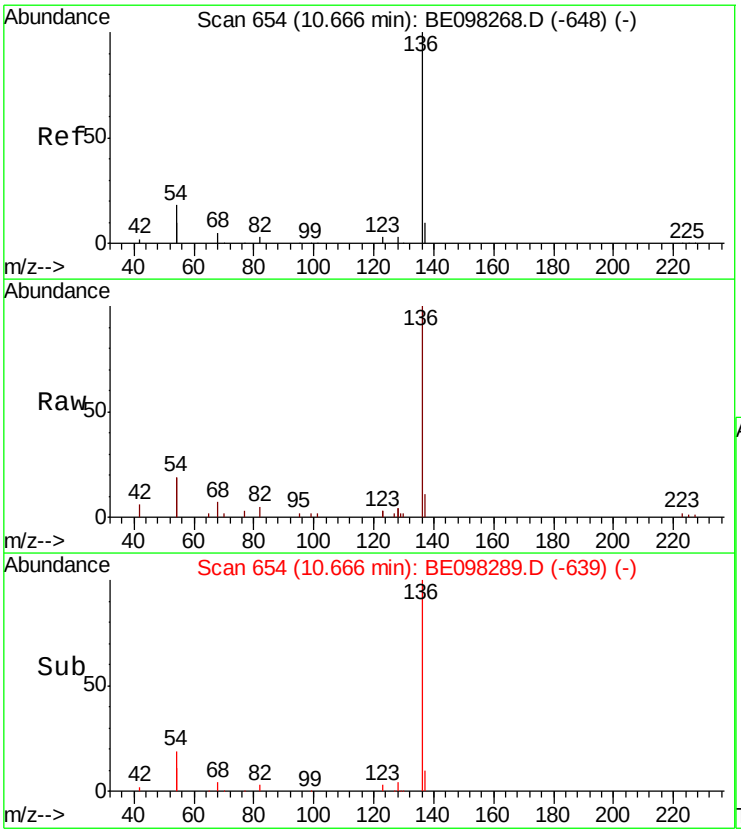
#5
Phenol-d6
Concen: 0.138 ng
RT: 7.05 min Scan# 363
Delta R.T. 0.00 min
Lab File: BE098289.D
Acq: 30 Nov 2018 16:37

Instrument :
BNA_G
ClientSampleId :
W-1

Tgt Ion: 99 Resp: 834

Ion	Ratio	Lower	Upper
99	100		
42	58.4	26.3	39.5#
71	0.0	33.6	50.4#

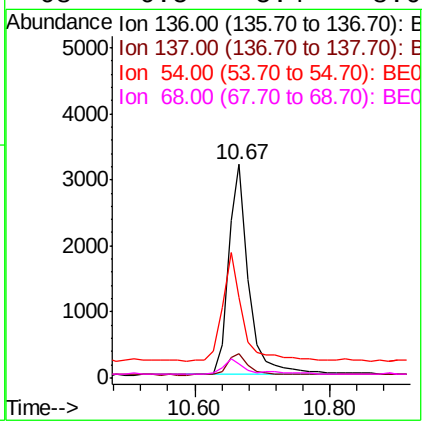


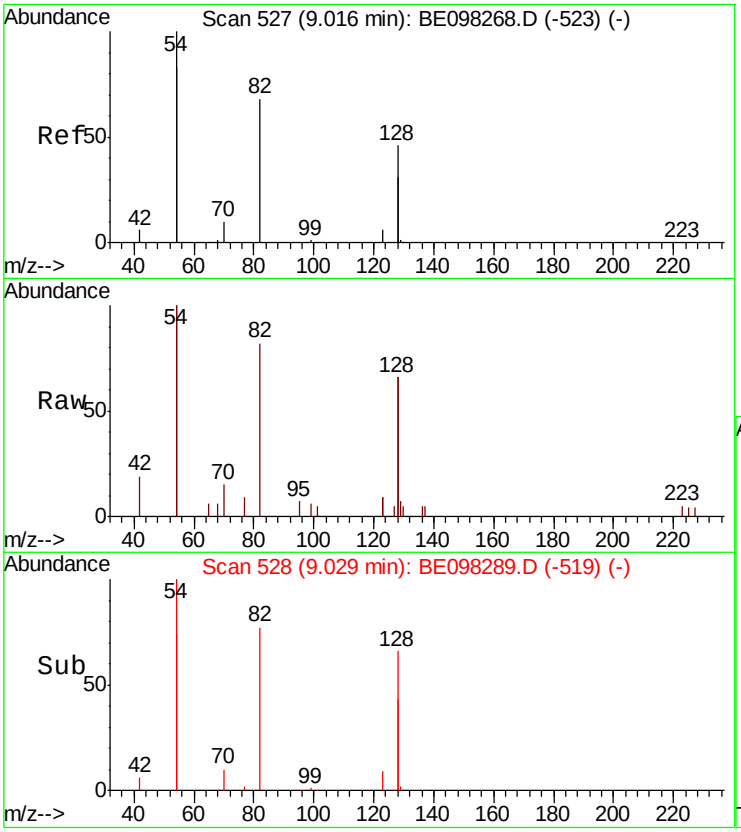


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.67 min Scan# 654
Delta R.T. 0.00 min
Lab File: BE098289.D
Acq: 30 Nov 2018 16:37

Tgt Ion:136 Resp: 6721

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.2	13.8
54	37.9	28.4	42.6
68	6.5	5.4	8.0



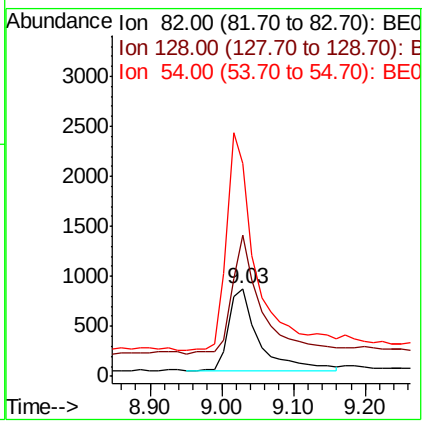


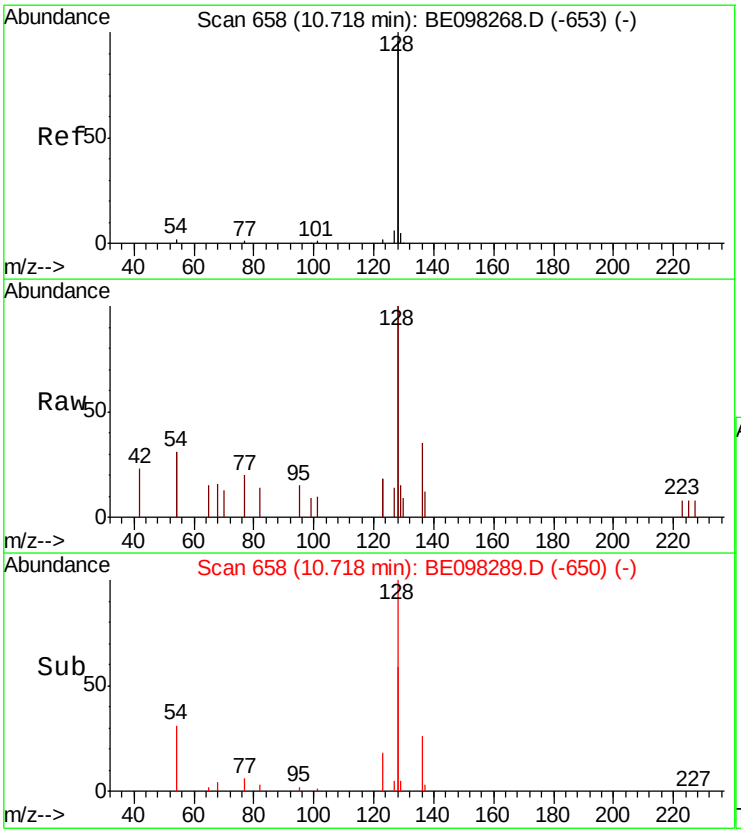
#8
Nitrobenzene-d5
Concen: 0.352 ng
RT: 9.03 min Scan# 528
Delta R.T. 0.01 min
Lab File: BE098289.D
Acq: 30 Nov 2018 16:37

Instrument :
BNA_G
ClientSampleId :
W-1

Tgt Ion: 82 Resp: 2394

Ion	Ratio	Lower	Upper
82	100		
128	160.8	102.4	153.6#
54	243.1	221.8	332.8

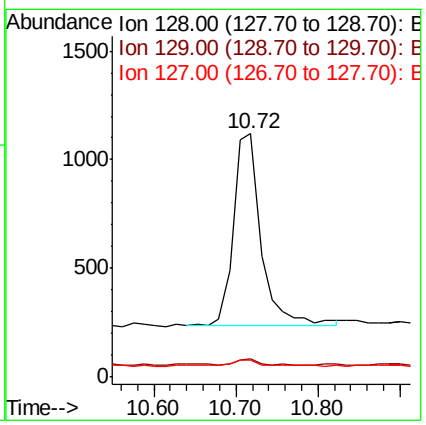


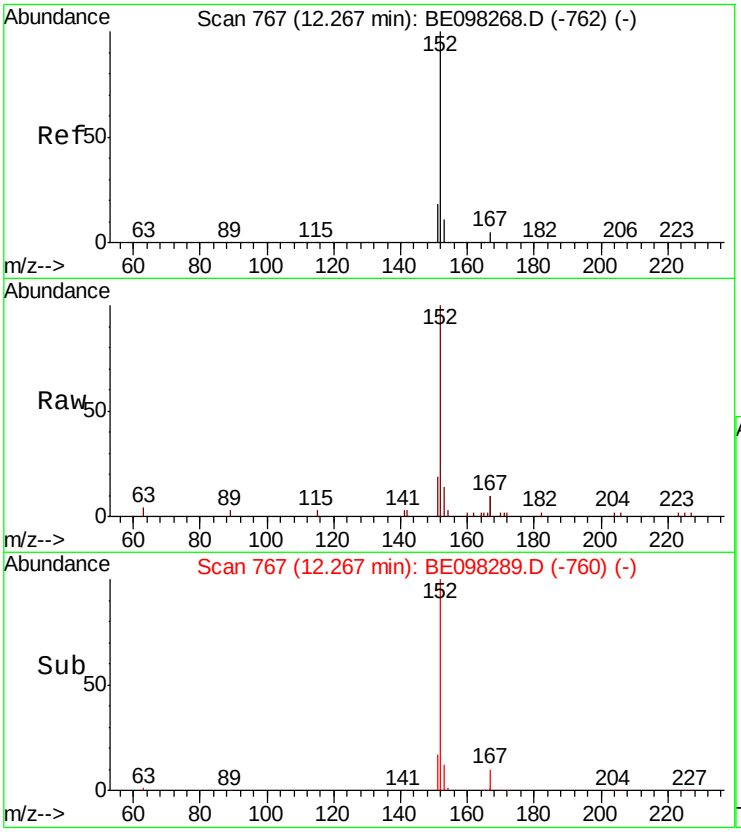


#9
Naphthalene
Concen: 0.030 ng
RT: 10.72 min Scan# 658
Delta R.T. 0.00 min
Lab File: BE098289.D
Acq: 30 Nov 2018 16:37

Tgt Ion:128 Resp: 2058

Ion	Ratio	Lower	Upper
128	100		
129	7.4	2.5	3.7#
127	6.9	2.7	4.1#



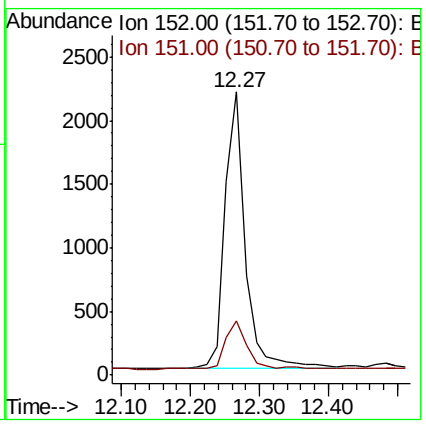


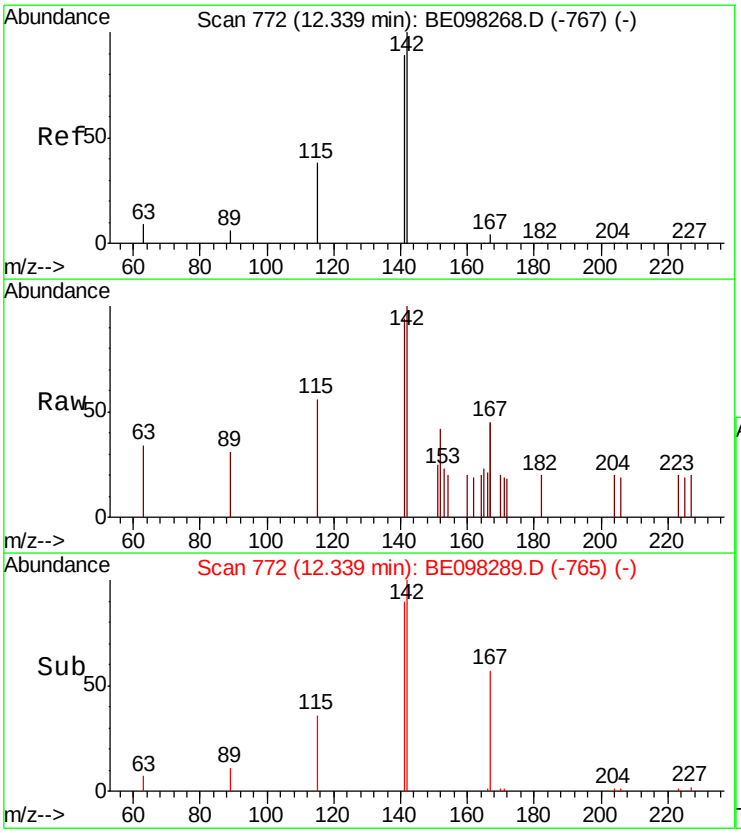
#11
2-Methylnaphthalene-d10
Concen: 0.405 ng
RT: 12.27 min Scan# 767
Delta R.T. -0.00 min
Lab File: BE098289.D
Acq: 30 Nov 2018 16:37

Instrument :
BNA_G
ClientSampleId :
W-1

Tgt Ion:152 Resp: 4416

Ion	Ratio	Lower	Upper
152	100		
151	19.6	16.2	24.4

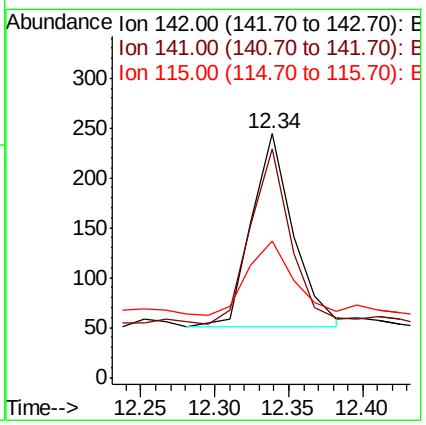


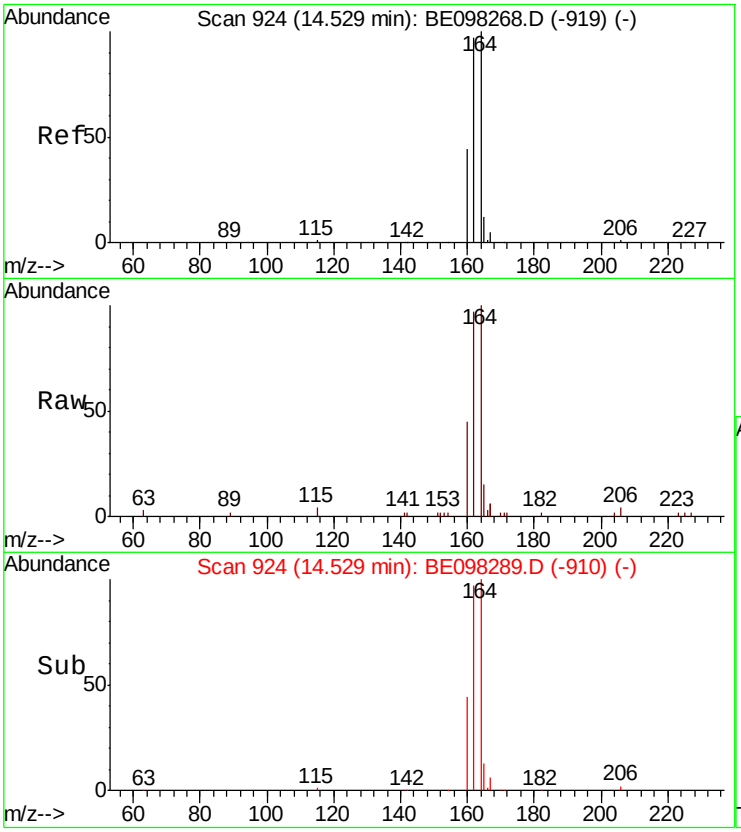


#12
2-Methylnaphthalene
Concen: 0.034 ng
RT: 12.34 min Scan# 772
Delta R.T. -0.00 min
Lab File: BE098289.D
Acq: 30 Nov 2018 16:37

Tgt Ion:142 Resp: 377

Ion	Ratio	Lower	Upper
142	100		
141	93.9	71.0	106.6
115	56.1	32.2	48.2#



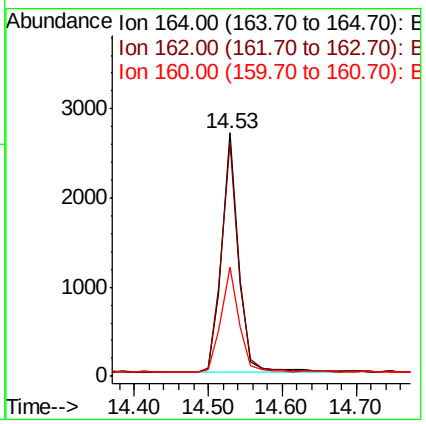


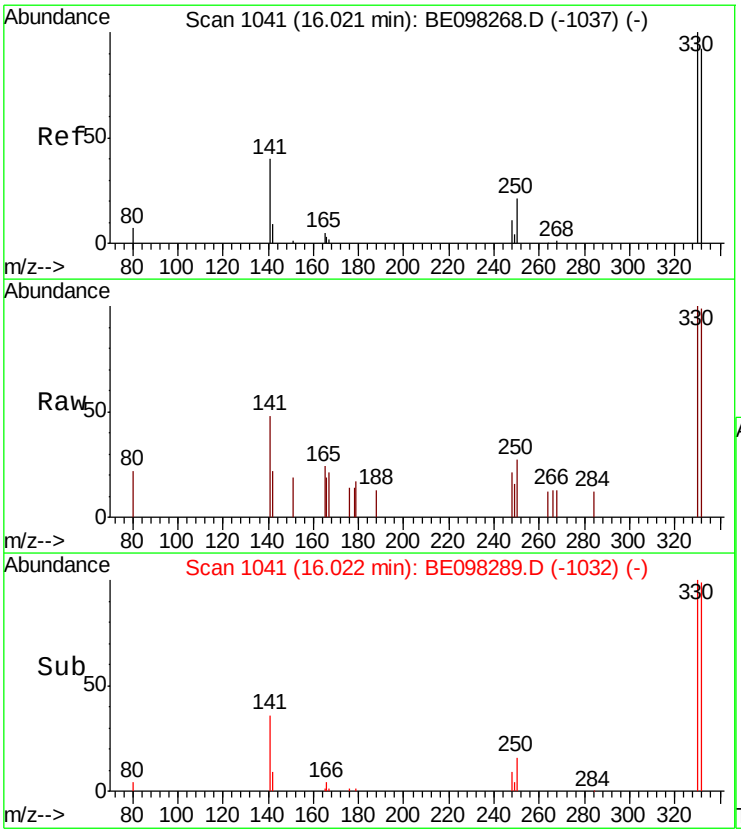
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.53 min Scan# 924
Delta R.T. -0.00 min
Lab File: BE098289.D
Acq: 30 Nov 2018 16:37

Instrument :
BNA_G
ClientSampleId :
W-1

Tgt Ion:164 Resp: 4241

Ion	Ratio	Lower	Upper
164	100		
162	96.5	77.6	116.4
160	45.1	36.0	54.0

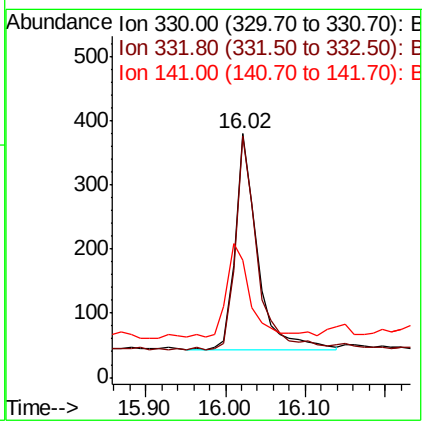


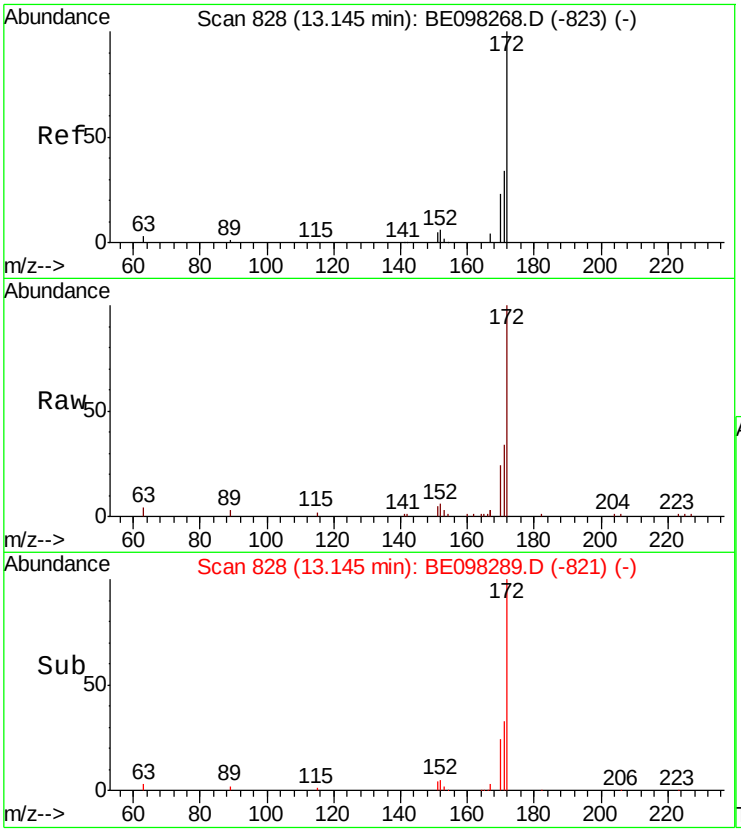


#14
2,4,6-Tribromophenol
Concen: 0.323 ng
RT: 16.02 min Scan# 1041
Delta R.T. 0.00 min
Lab File: BE098289.D
Acq: 30 Nov 2018 16:37

Tgt Ion:330 Resp: 649

Ion	Ratio	Lower	Upper
330	100		
332	96.8	76.2	114.4
141	45.8	39.0	58.4



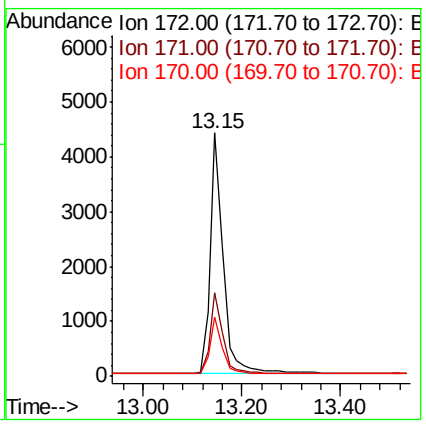


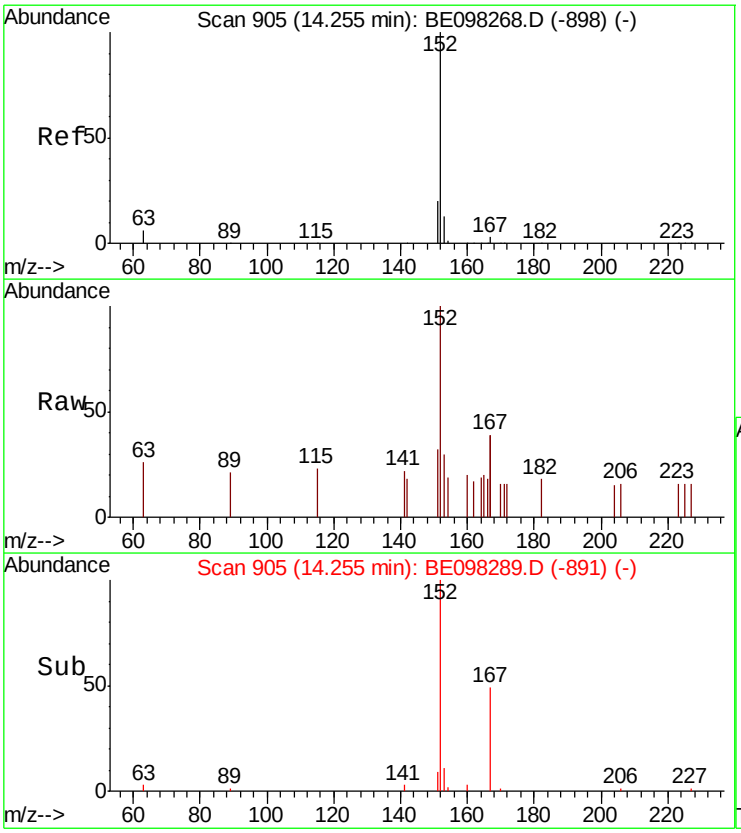
#15
2-Fluorobiphenyl
Concen: 0.456 ng
RT: 13.15 min Scan# 828
Delta R.T. -0.00 min
Lab File: BE098289.D
Acq: 30 Nov 2018 16:37

Instrument :
BNA_G
ClientSampleId :
W-1

Tgt Ion:172 Resp: 8012

Ion	Ratio	Lower	Upper
172	100		
171	34.2	27.5	41.3
170	24.5	19.6	29.4

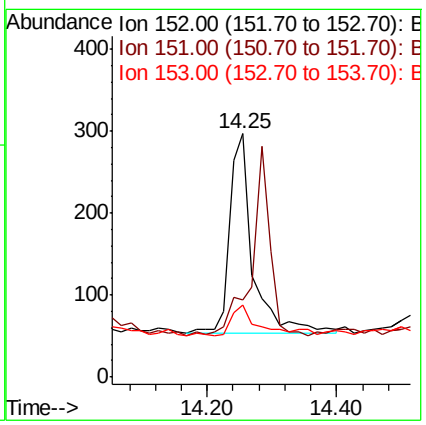


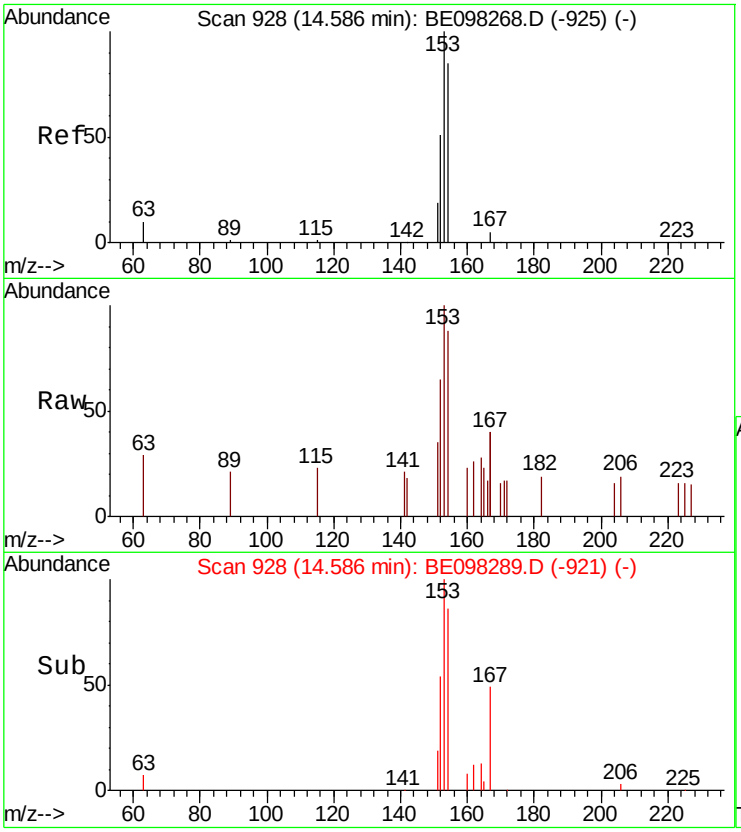


#16
Acenaphthylene
Concen: 0.030 ng
RT: 14.25 min Scan# 905
Delta R.T. -0.00 min
Lab File: BE098289.D
Acq: 30 Nov 2018 16:37

Tgt Ion:152 Resp: 597

Ion	Ratio	Lower	Upper
152	100		
151	0.0	15.5	23.3#
153	16.9	10.6	16.0#



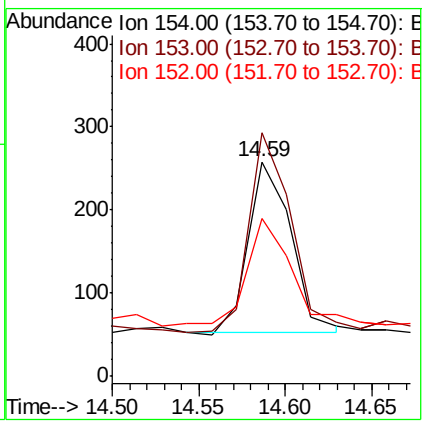


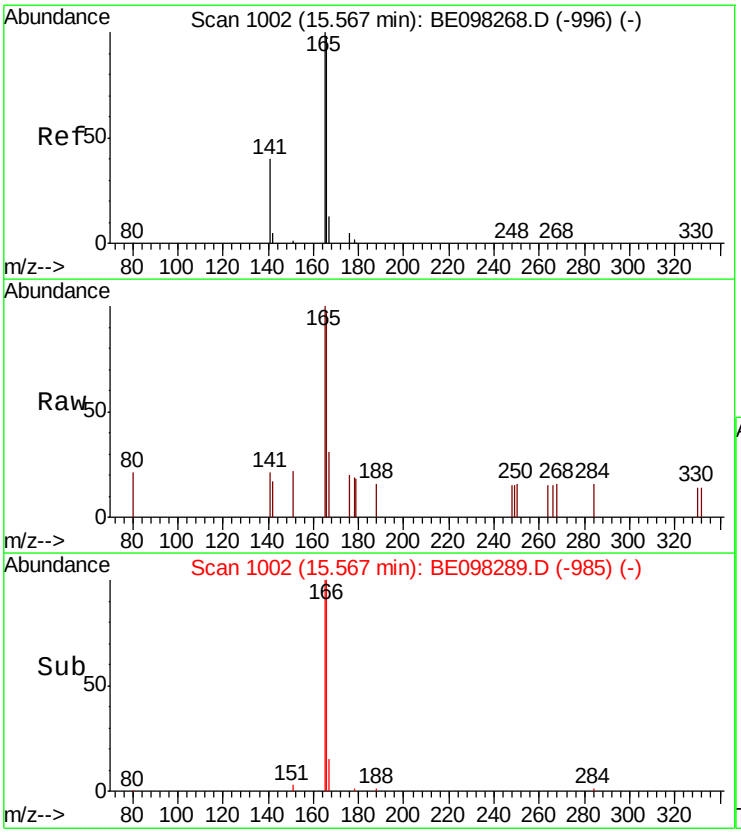
#17
Acenaphthene
Concen: 0.030 ng
RT: 14.59 min Scan# 928
Delta R.T. -0.00 min
Lab File: BE098289.D
Acq: 30 Nov 2018 16:37

Instrument :
BNA_G
ClientSampleId :
W-1

Tgt Ion:154 Resp: 356

Ion	Ratio	Lower	Upper
154	100		
153	115.2	91.8	137.6
152	64.6	45.5	68.3

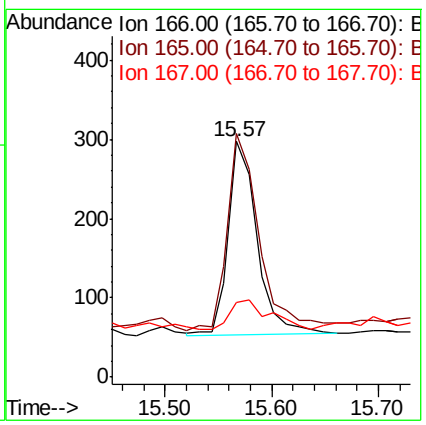


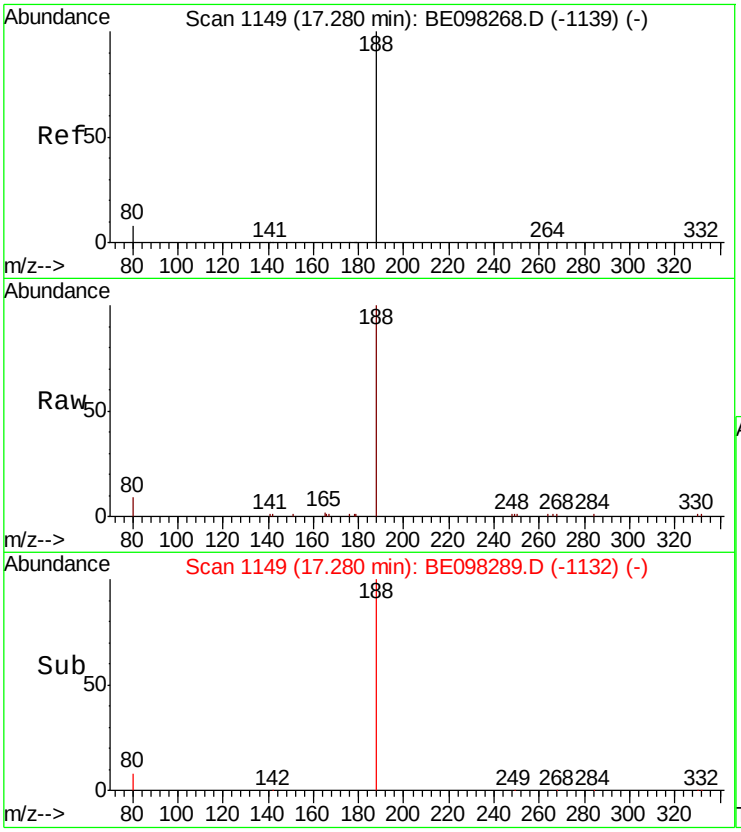


#18
Fluorene
Concen: 0.029 ng
RT: 15.57 min Scan# 1002
Delta R.T. 0.00 min
Lab File: BE098289.D
Acq: 30 Nov 2018 16:37

Tgt Ion:166 Resp: 458

Ion	Ratio	Lower	Upper
166	100		
165	113.3	79.3	118.9
167	21.2	11.3	16.9#



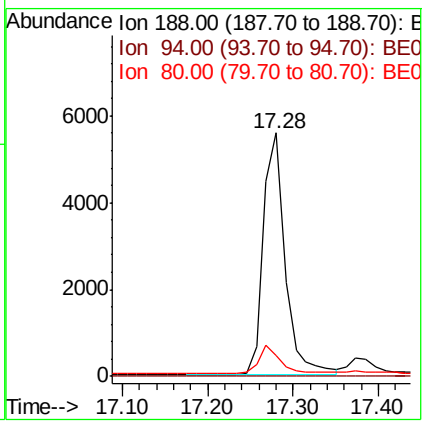


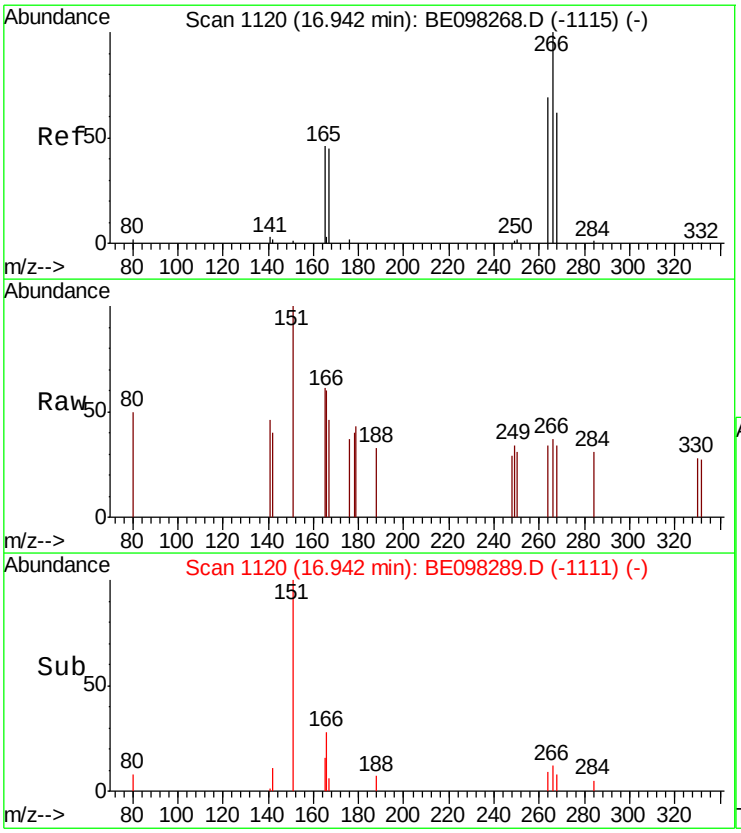
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.28 min Scan# 1149
Delta R.T. 0.00 min
Lab File: BE098289.D
Acq: 30 Nov 2018 16:37

Instrument :
BNA_G
ClientSampleId :
W-1

Tgt Ion:188 Resp: 9846

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	8.8	7.2	10.8

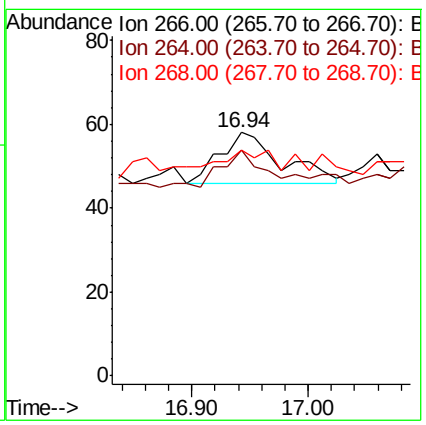


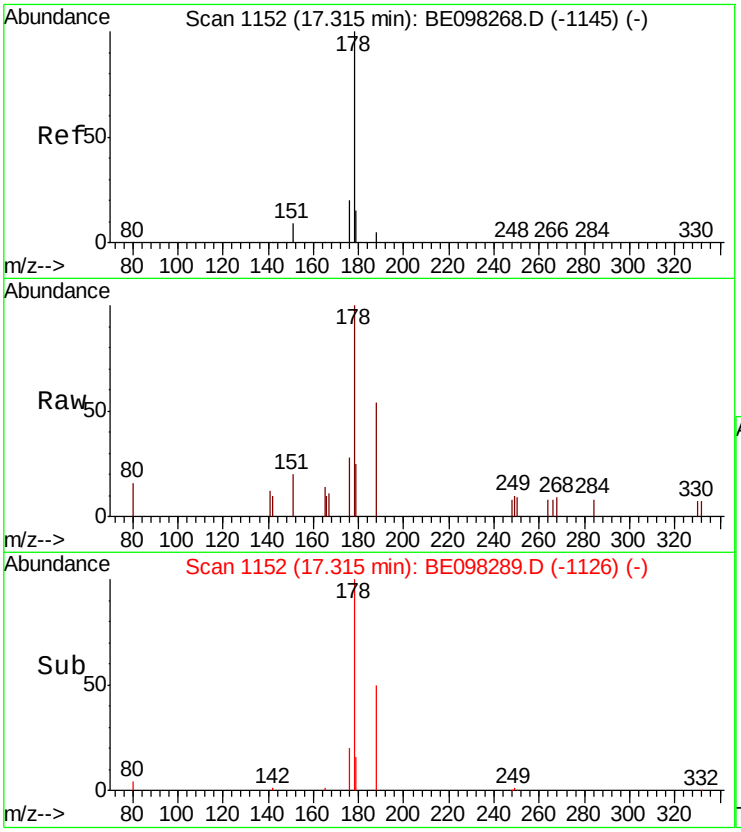


#22
Pentachlorophenol
Concen: 0.112 ng
RT: 16.94 min Scan# 1120
Delta R.T. 0.00 min
Lab File: BE098289.D
Acq: 30 Nov 2018 16:37

Tgt Ion:266 Resp: 44

Ion	Ratio	Lower	Upper
266	100		
264	93.1	59.0	88.4#
268	93.1	55.1	82.7#



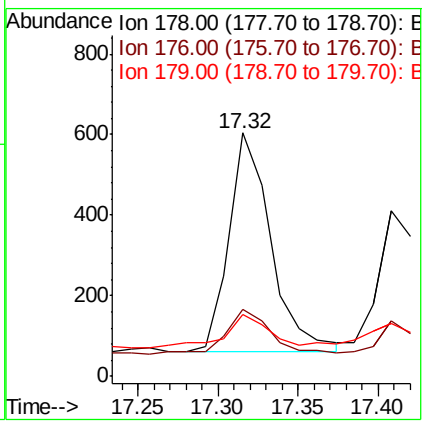


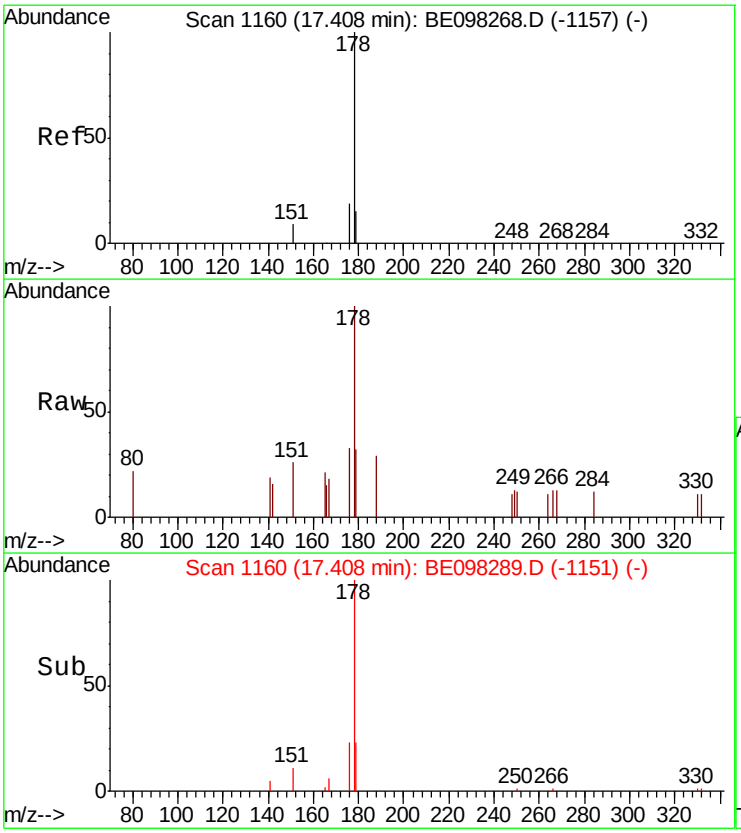
#23
Phenanthrene
Concen: 0.040 ng
RT: 17.32 min Scan# 1152
Delta R.T. 0.00 min
Lab File: BE098289.D
Acq: 30 Nov 2018 16:37

Instrument :
BNA_G
ClientSampleId :
W-1

Tgt Ion:178 Resp: 974

Ion	Ratio	Lower	Upper
178	100		
176	22.7	15.9	23.9
179	18.4	12.3	18.5

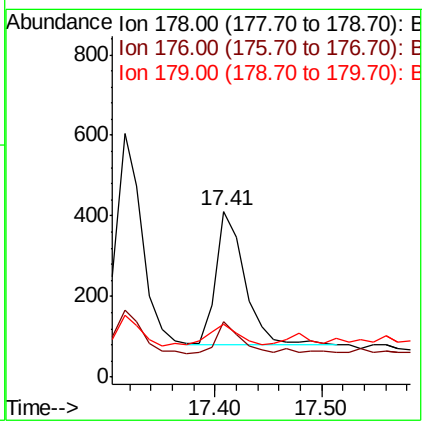


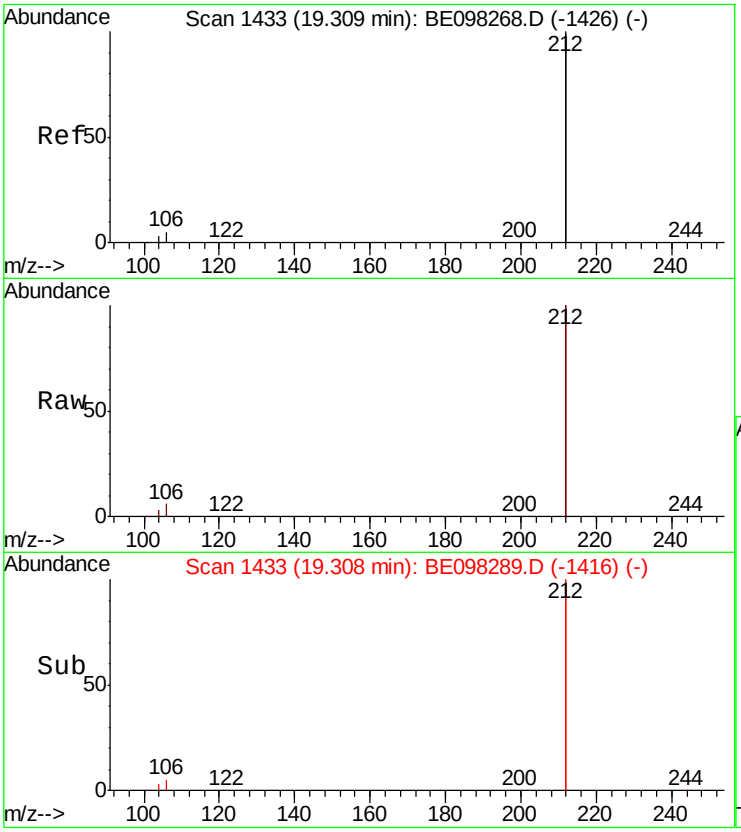


#24
Anthracene
Concen: 0.027 ng
RT: 17.41 min Scan# 1160
Delta R.T. 0.00 min
Lab File: BE098289.D
Acq: 30 Nov 2018 16:37

Tgt Ion:178 Resp: 622

Ion	Ratio	Lower	Upper
178	100		
176	19.9	15.0	22.4
179	15.4	12.3	18.5



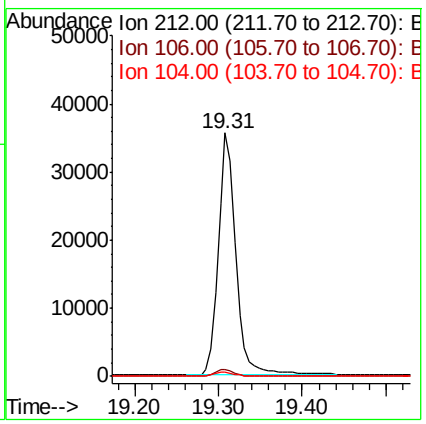


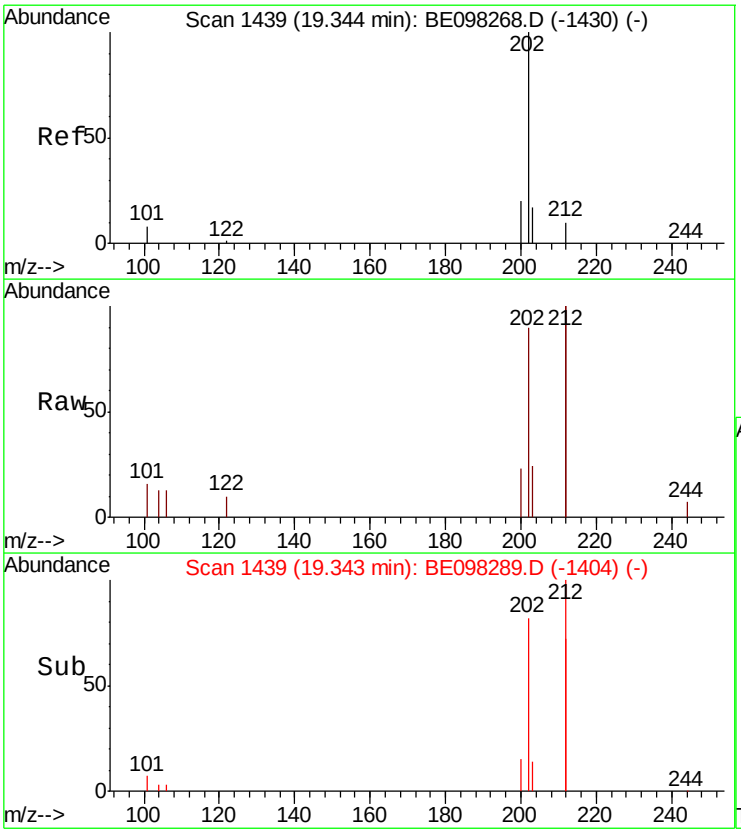
#25
Fluoranthene-d10
Concen: 0.390 ng
RT: 19.31 min Scan# 1433
Delta R.T. -0.00 min
Lab File: BE098289.D
Acq: 30 Nov 2018 16:37

Instrument :
BNA_G
ClientSampleId :
W-1

Tgt Ion:212 Resp: 51873

Ion	Ratio	Lower	Upper
212	100		
106	2.8	2.2	3.2
104	1.6	1.3	1.9

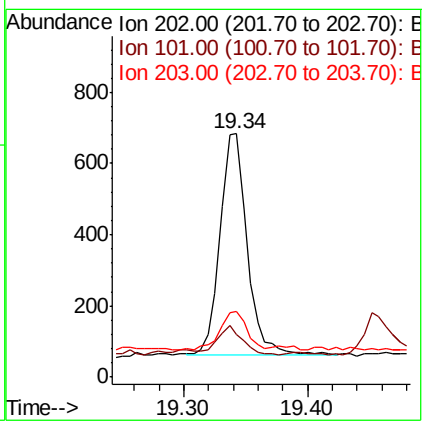


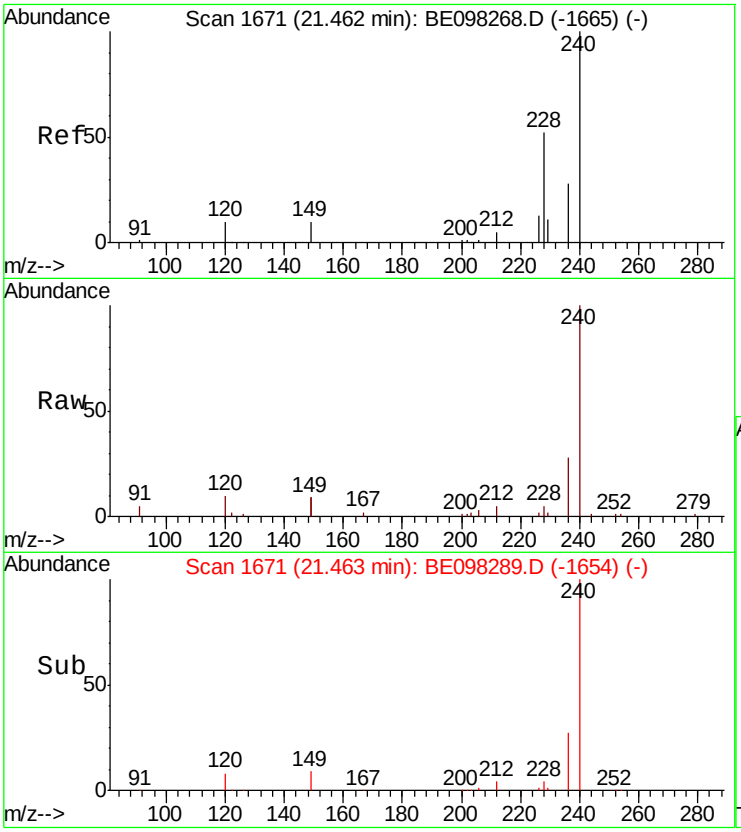


#26
Fluoranthene
Concen: 0.028 ng
RT: 19.34 min Scan# 1439
Delta R.T. -0.00 min
Lab File: BE098289.D
Acq: 30 Nov 2018 16:37

Tgt Ion:202 Resp: 950

Ion	Ratio	Lower	Upper
202	100		
101	12.0	8.0	12.0
203	18.5	13.8	20.6



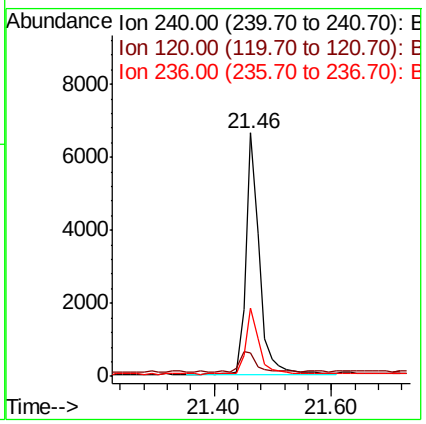


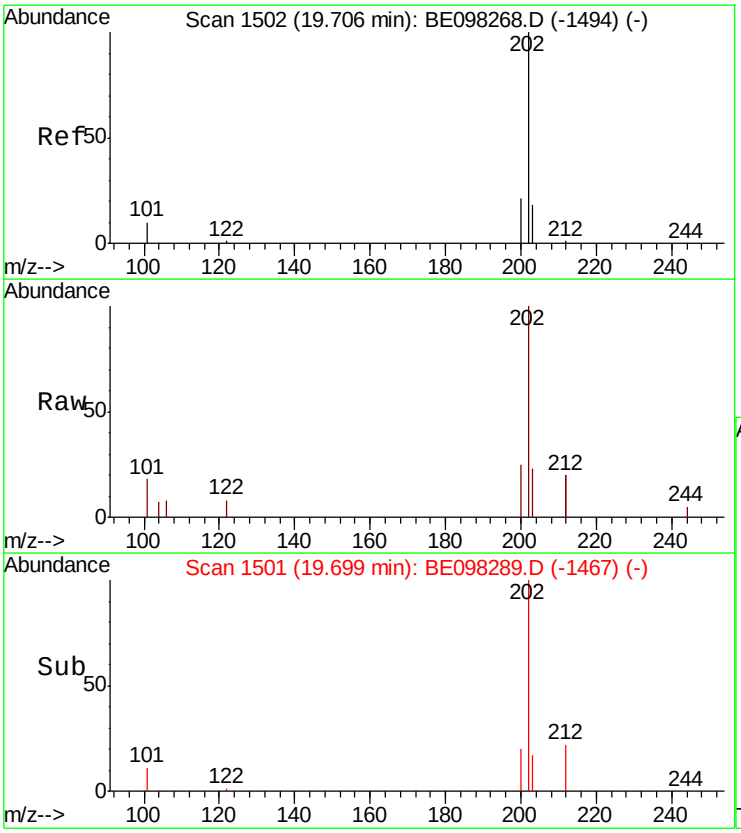
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.46 min Scan# 1671
Delta R.T. 0.00 min
Lab File: BE098289.D
Acq: 30 Nov 2018 16:37

Instrument :
BNA_G
ClientSampleId :
W-1

Tgt Ion:240 Resp: 10482

Ion	Ratio	Lower	Upper
240	100		
120	9.8	9.5	14.3
236	27.9	22.7	34.1

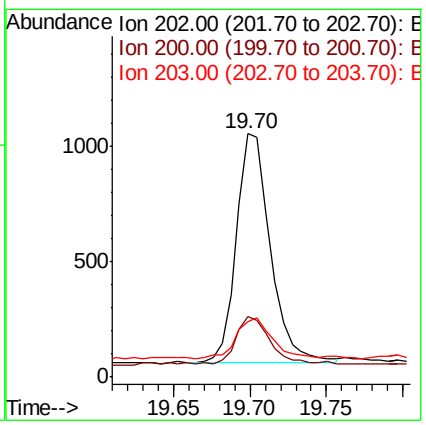


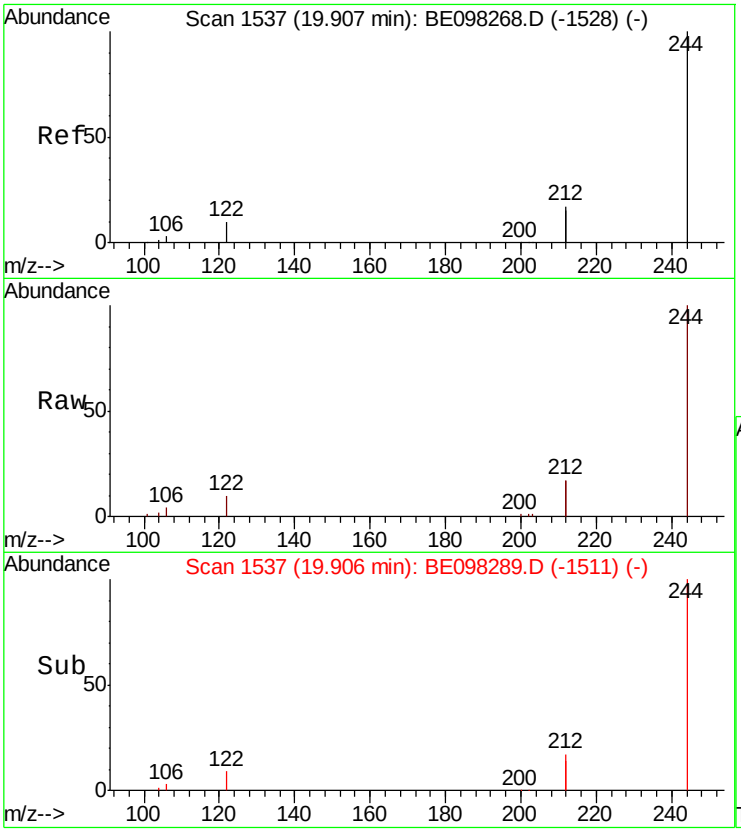


#28
Pyrene
Concen: 0.053 ng
RT: 19.70 min Scan# 1501
Delta R.T. -0.01 min
Lab File: BE098289.D
Acq: 30 Nov 2018 16:37

Tgt Ion:202 Resp: 1529

Ion	Ratio	Lower	Upper
202	100		
200	20.7	16.7	25.1
203	18.4	14.1	21.1



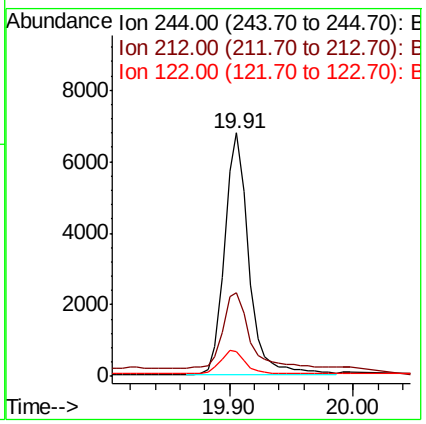


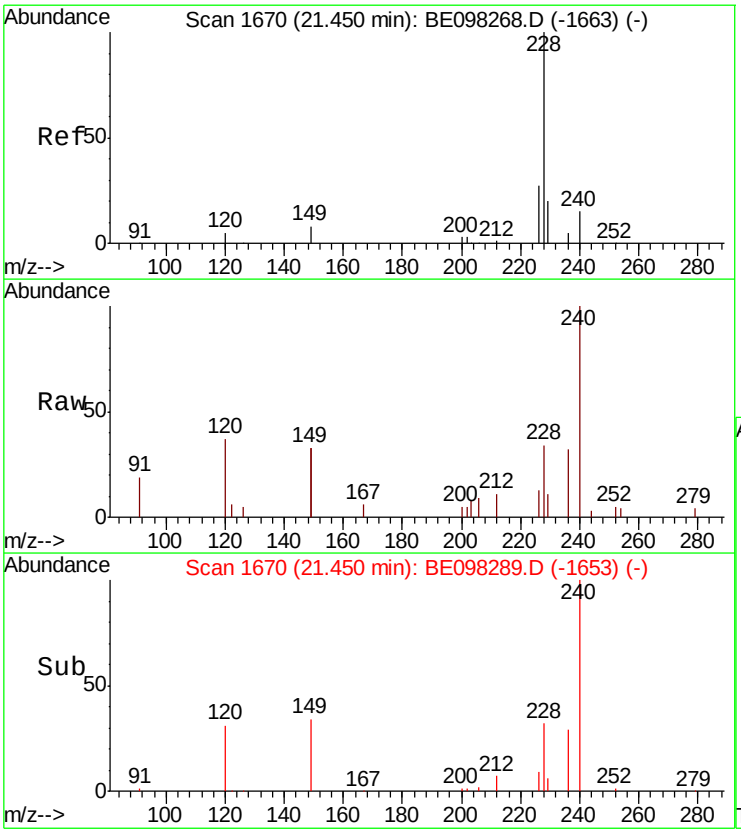
#29
Terphenyl-d14
Concen: 0.389 ng
RT: 19.91 min Scan# 1537
Delta R.T. -0.00 min
Lab File: BE098289.D
Acq: 30 Nov 2018 16:37

Instrument :
BNA_G
ClientSampleId :
W-1

Tgt Ion:244 Resp: 9162

Ion	Ratio	Lower	Upper
244	100		
212	34.2	27.4	41.0
122	10.2	8.3	12.5

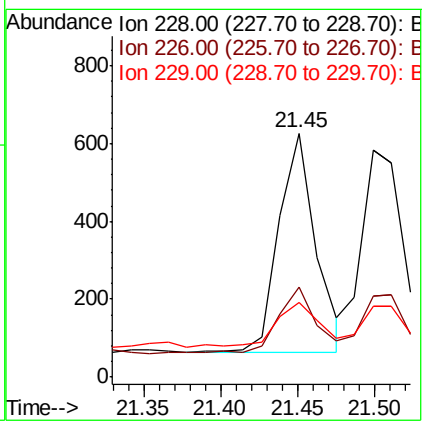


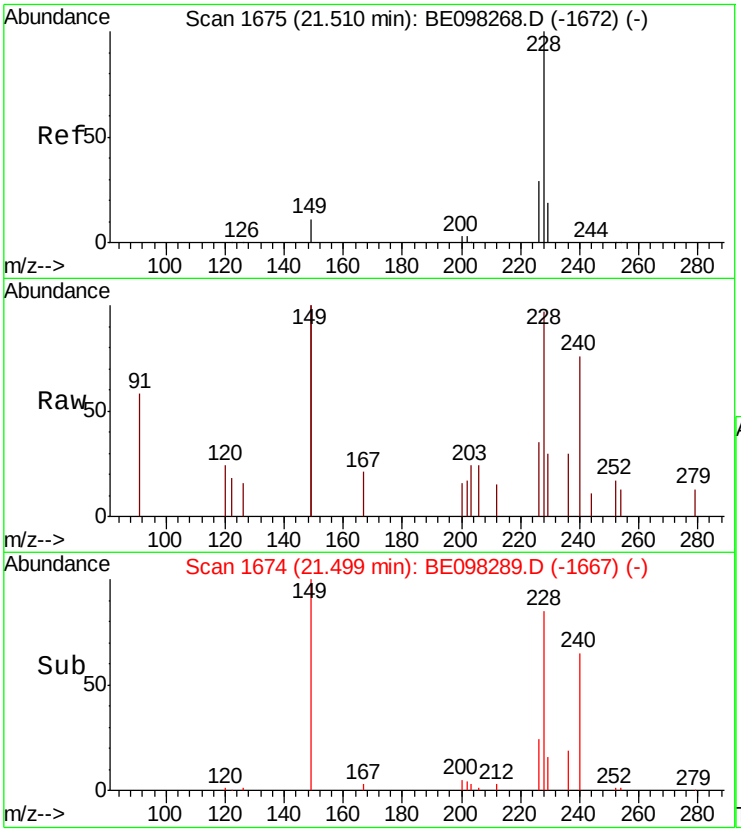


#30
Benzo(a)anthracene
Concen: 0.030 ng
RT: 21.45 min Scan# 1670
Delta R.T. 0.00 min
Lab File: BE098289.D
Acq: 30 Nov 2018 16:37

Tgt Ion:228 Resp: 939

Ion	Ratio	Lower	Upper
228	100		
226	37.1	21.8	32.8#
229	30.8	16.3	24.5#



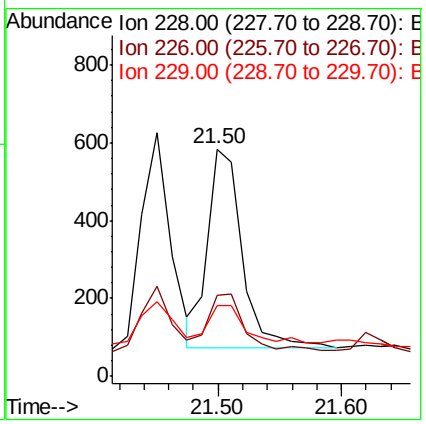


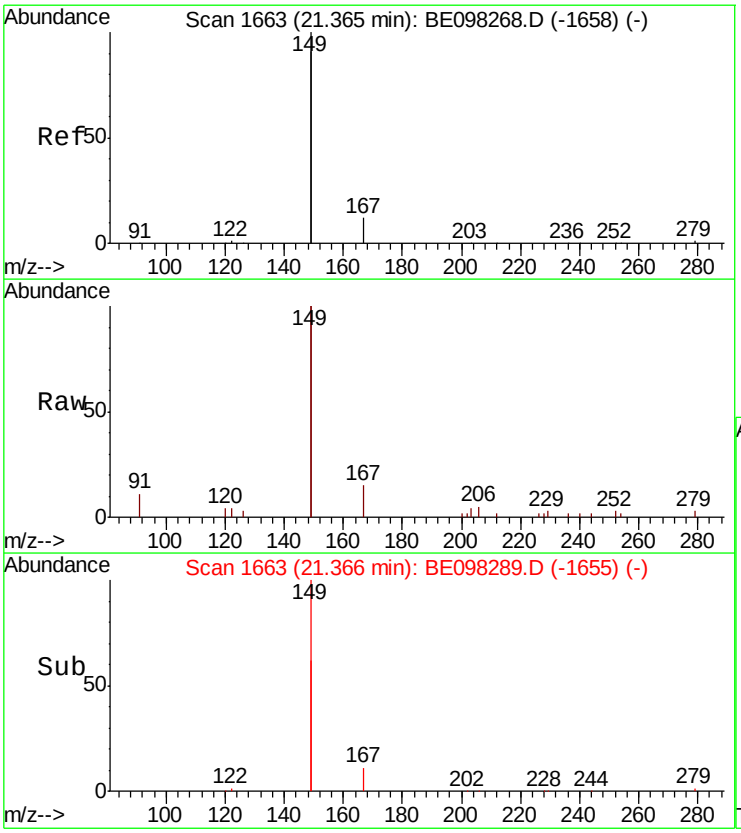
#31
Chrysene
Concen: 0.032 ng
RT: 21.50 min Scan# 1674
Delta R.T. -0.01 min
Lab File: BE098289.D
Acq: 30 Nov 2018 16:37

Instrument :
BNA_G
ClientSampleId :
W-1

Tgt Ion:228 Resp: 991

Ion	Ratio	Lower	Upper
228	100		
226	35.8	23.4	35.0#
229	31.2	16.2	24.4#

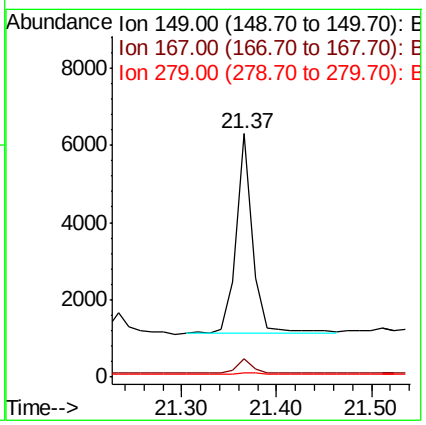


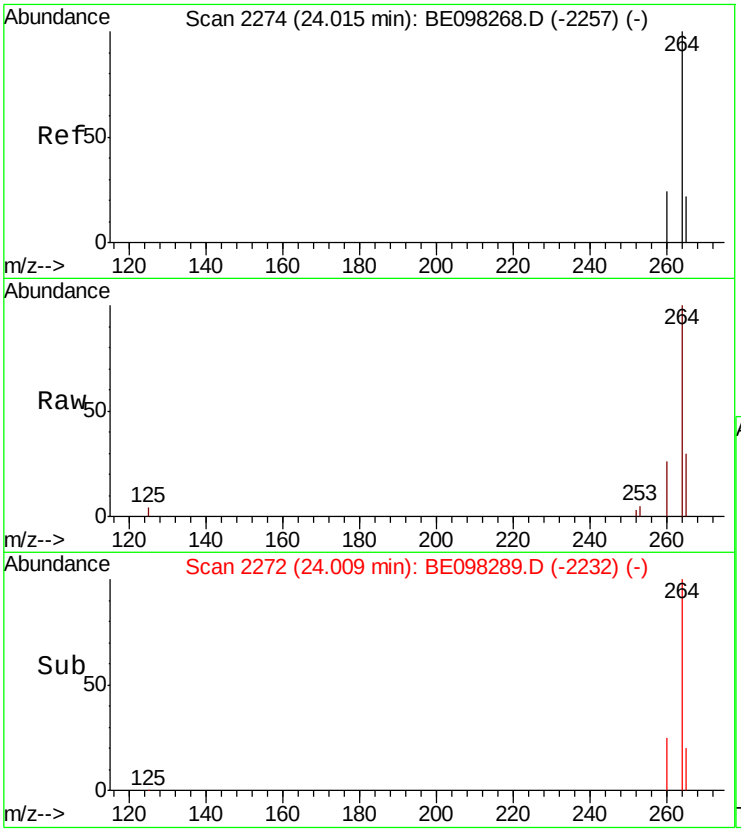


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.085 ng
RT: 21.37 min Scan# 1663
Delta R.T. 0.00 min
Lab File: BE098289.D
Acq: 30 Nov 2018 16:37

Tgt Ion:149 Resp: 6299

Ion	Ratio	Lower	Upper
149	100		
167	7.3	5.7	8.5
279	1.2	1.0	1.4



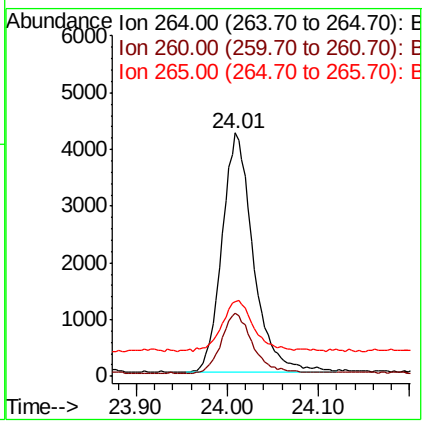


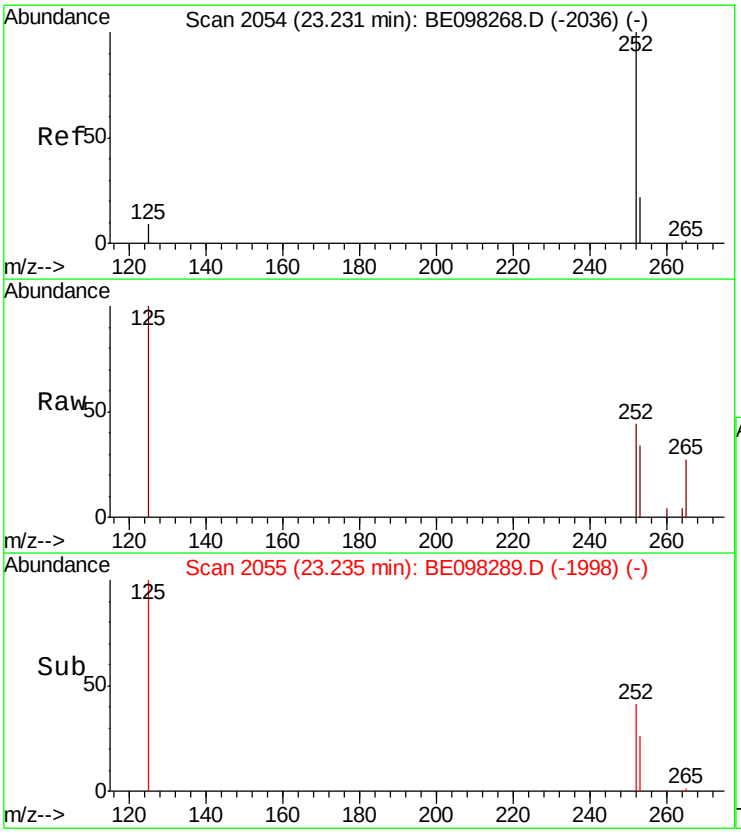
#34
Perylene-d12
Concen: 0.400 ng
RT: 24.01 min Scan# 2272
Delta R.T. -0.01 min
Lab File: BE098289.D
Acq: 30 Nov 2018 16:37

Instrument :
BNA_G
ClientSampleId :
W-1

Tgt Ion:264 Resp: 10174

Ion	Ratio	Lower	Upper
264	100		
260	25.9	20.2	30.2
265	30.5	25.2	37.8

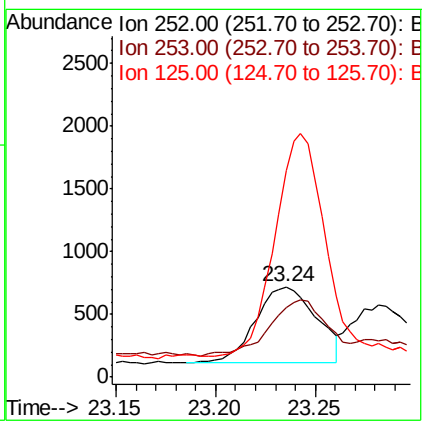


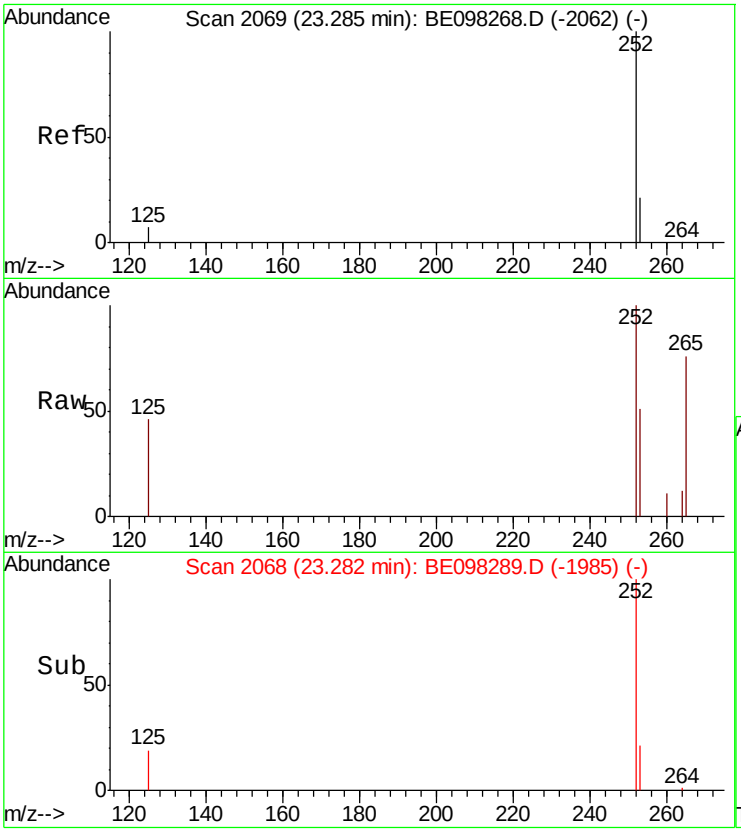


#35
Benzo(b)fluoranthene
Concen: 0.043 ng
RT: 23.24 min Scan# 2055
Delta R.T. 0.00 min
Lab File: BE098289.D
Acq: 30 Nov 2018 16:37

Tgt Ion:252 Resp: 1289

Ion	Ratio	Lower	Upper
252	100		
253	77.2	20.0	30.0#
125	229.5	9.6	14.4#



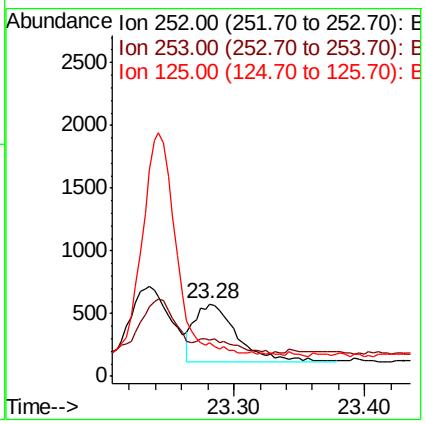


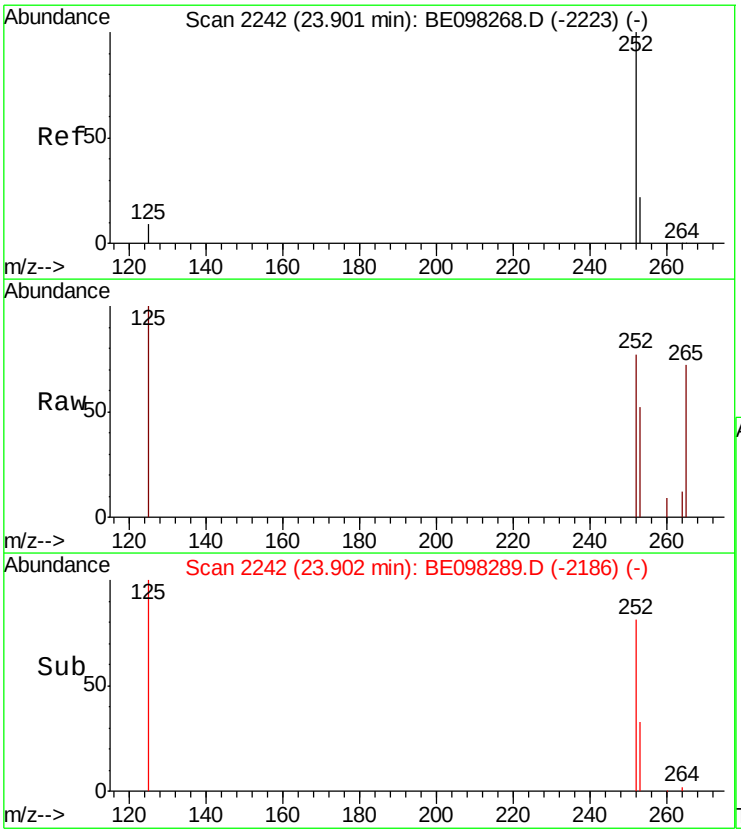
#36
Benzo(k)fluoranthene
Concen: 0.033 ng
RT: 23.28 min Scan# 2068
Delta R.T. -0.00 min
Lab File: BE098289.D
Acq: 30 Nov 2018 16:37

Instrument :
BNA_G
ClientSampleId :
W-1

Tgt Ion:252 Resp: 1048

Ion	Ratio	Lower	Upper
252	100		
253	50.8	19.0	28.6#
125	46.1	9.1	13.7#

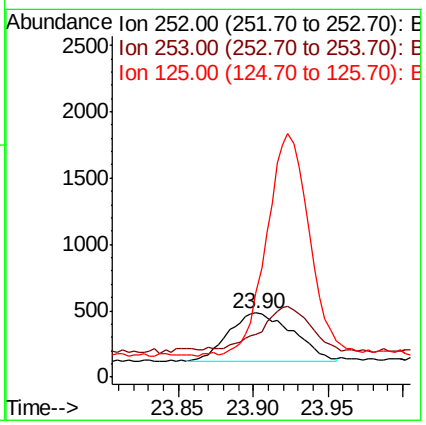


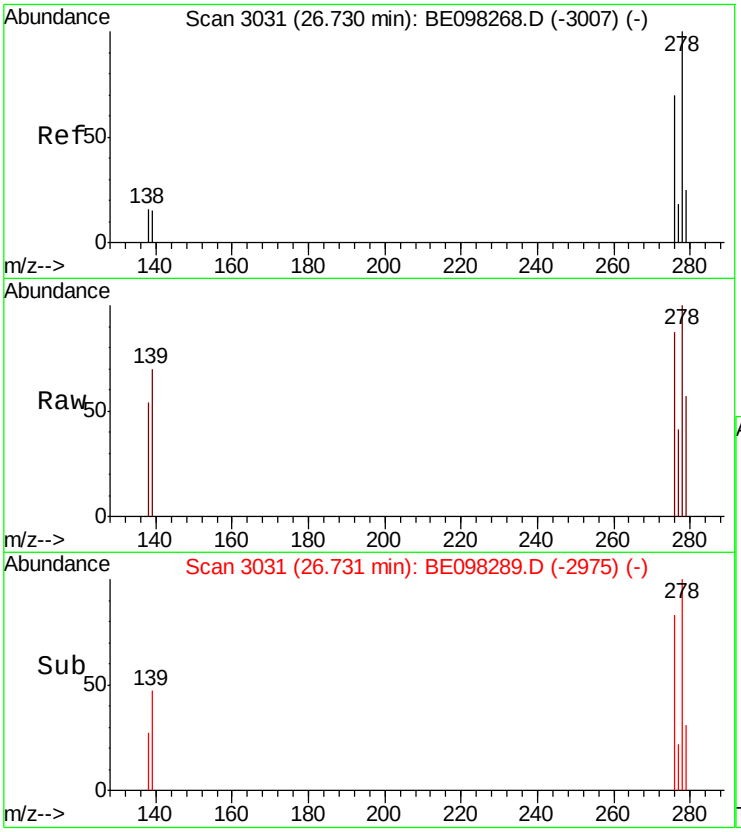


#37
Benzo(a)pyrene
Concen: 0.037 ng
RT: 23.90 min Scan# 2242
Delta R.T. 0.00 min
Lab File: BE098289.D
Acq: 30 Nov 2018 16:37

Tgt Ion:252 Resp: 1071

Ion	Ratio	Lower	Upper
252	100		
253	66.9	20.6	30.8#
125	129.8	10.5	15.7#



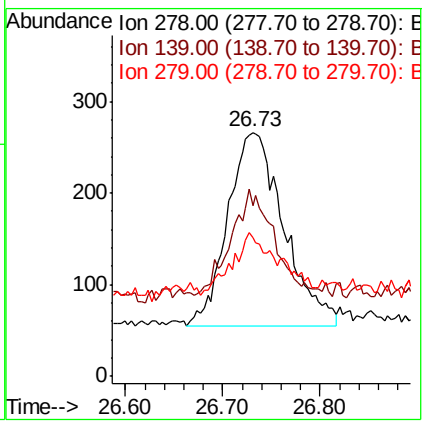


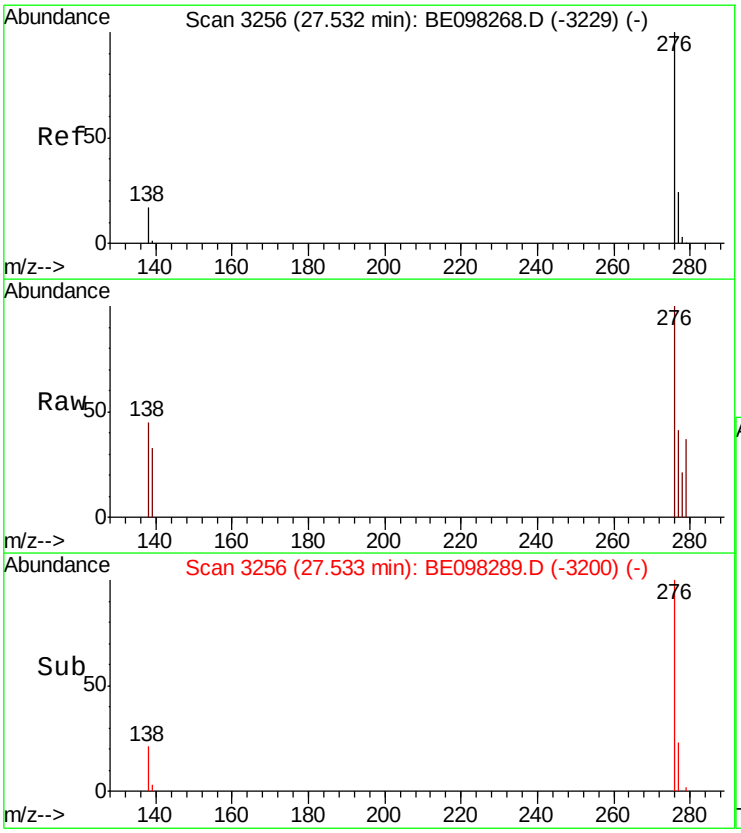
#38
Dibenzo(a,h)anthracene
Concen: 0.031 ng
RT: 26.73 min Scan# 3031
Delta R.T. 0.00 min
Lab File: BE098289.D
Acq: 30 Nov 2018 16:37

Instrument :
BNA_G
ClientSampleId :
W-1

Tgt Ion:278 Resp: 845

Ion	Ratio	Lower	Upper
278	100		
139	69.9	14.5	21.7#
279	57.1	21.8	32.8#





#39
Benzo(g,h,i)perylene
Concen: 0.031 ng
RT: 27.53 min Scan# 3256
Delta R.T. 0.00 min
Lab File: BE098289.D
Acq: 30 Nov 2018 16:37

Tgt Ion:276 Resp: 852

Ion	Ratio	Lower	Upper
276	100		
277	41.1	20.8	31.2#
138	45.0	15.8	23.6#