Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE121918\
Data File : BE098529.D
Acq On : 19 Dec 2018 15:16
Operator : SJ/JU
Sample : J6358-12MSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Dec 19 16:18:38 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE121018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 10 14:59:55 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.85	152	791	0.40	ng		-0.01
7) Naphthalene-d8	10.65	136	3804	0.40	ng		-0.01
13) Acenaphthene-d10	14.51	164	2660	0.40	ng		-0.01
19) Phenanthrene-d10	17.26	188	6459	0.40	ng		-0.02
27) Chrysene-d12	21.45	240	7857	0.40	ng		-0.01
34) Perylene-d12	23.99	264	6852	0.40	ng		-0.03
System Monitoring Compounds							
4) 2-Fluorophenol	5.44	112	527	0.28	ng		0.00
5) Phenol-d6	7.03	99	423	0.16	ng		-0.01
8) Nitrobenzene-d5	9.02	82	1470	0.42	ng		0.00
11) 2-Methylnaphthalene-d10	12.25	152	2832	0.46	ng		-0.01
14) 2,4,6-Tribromophenol	16.01	330	785	0.80	ng		-0.01
15) 2-Fluorobiphenyl	13.13	172	5491	0.49	ng		-0.01
25) Fluoranthene-d10	19.29	212	37419	0.45	ng		-0.02
29) Terphenyl-d14	19.89	244	8838	0.46	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.36	88	858	0.627	ng	#	82
3) n-Nitrosodimethylamine	3.69	42	142	0.115	ng	#	100
6) bis(2-Chloroethyl)ether	7.28	93	896	0.360	ng		93
9) Naphthalene	10.69	128	17780	0.464	ng		99
10) Hexachlorobutadiene	10.98	225	976	0.400	ng		96
12) 2-Methylnaphthalene	12.32	142	3255	0.523	ng		97
16) Acenaphthylene	14.23	152	5356	0.430	ng		97
17) Acenaphthene	14.57	154	3299	0.441	ng		98
18) Fluorene	15.55	166	4789	0.478	ng		99
20) 4-Bromophenyl-phenylether	16.45	248	1651	0.475	ng	#	86
21) Hexachlorobenzene	16.57	284	1768	0.473	ng		96
22) Pentachlorophenol	16.92	266	904	1.191	ng		97
23) Phenanthrene	17.30	178	7974	0.508	ng		99
24) Anthracene	17.40	178	6793	0.485	ng		100
26) Fluoranthene	19.32	202	10213	0.492	ng		98
28) Pyrene	19.68	202	10568	0.429	ng		99
30) Benzo(a)anthracene	21.43	228	10749	0.480	ng		98
31) Chrysene	21.49	228	10576	0.451	ng		99
32) Bis(2-ethylhexyl)phthalate	21.35	149	23893	0.526	ng		99
33) Indeno(1,2,3-cd)pyrene	26.67	276	8112	0.348	ng		95
35) Benzo(b)fluoranthene	23.26	252	10978	0.586	ng		96
36) Benzo(k)fluoranthene	23.26	252	10978	0.503	ng		99
37) Benzo(a)pyrene	23.87	252	9840	0.509	ng		97
38) Dibenzo(a,h)anthracene	26.69	278	6665	0.366	ng	#	93
39) Benzo(g,h,i)perylene	27.48	276	6011	0.328	ng		97

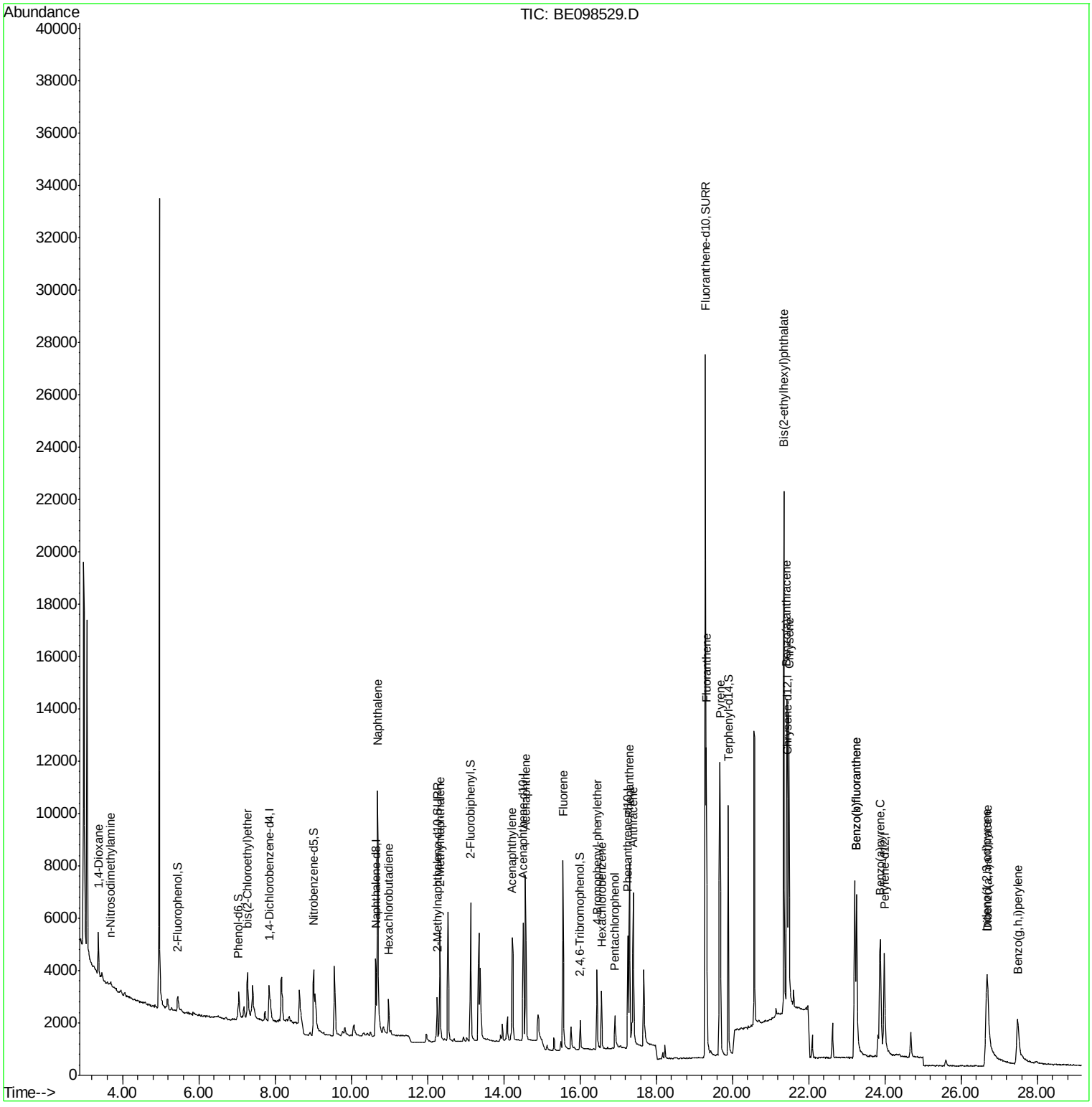
(#) = qualifier out of range (m) = manual integration (+) = signals summed

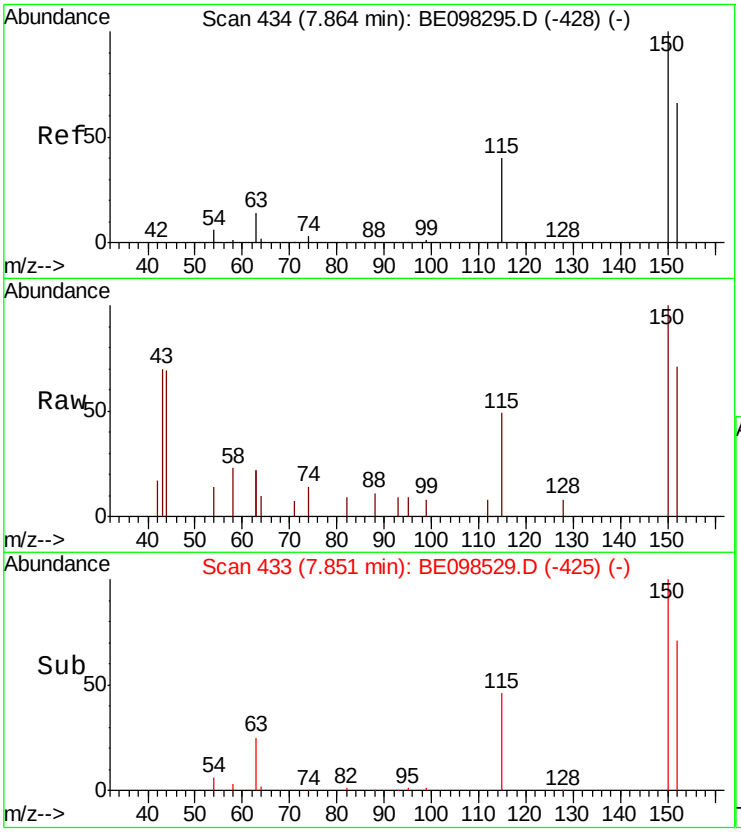
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE121918\
Data File : BE098529.D
Acq On : 19 Dec 2018 15:16
Operator : SJ/JU
Sample : J6358-12MSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Dec 19 16:18:38 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE121018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 10 14:59:55 2018
Response via : Initial Calibration



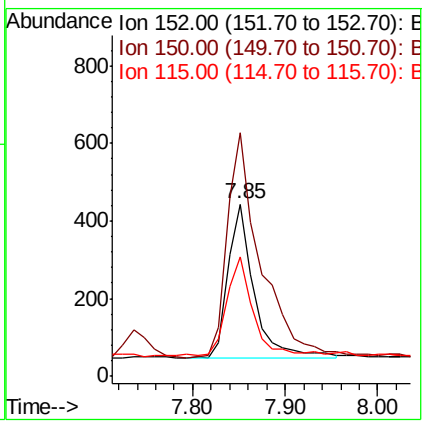


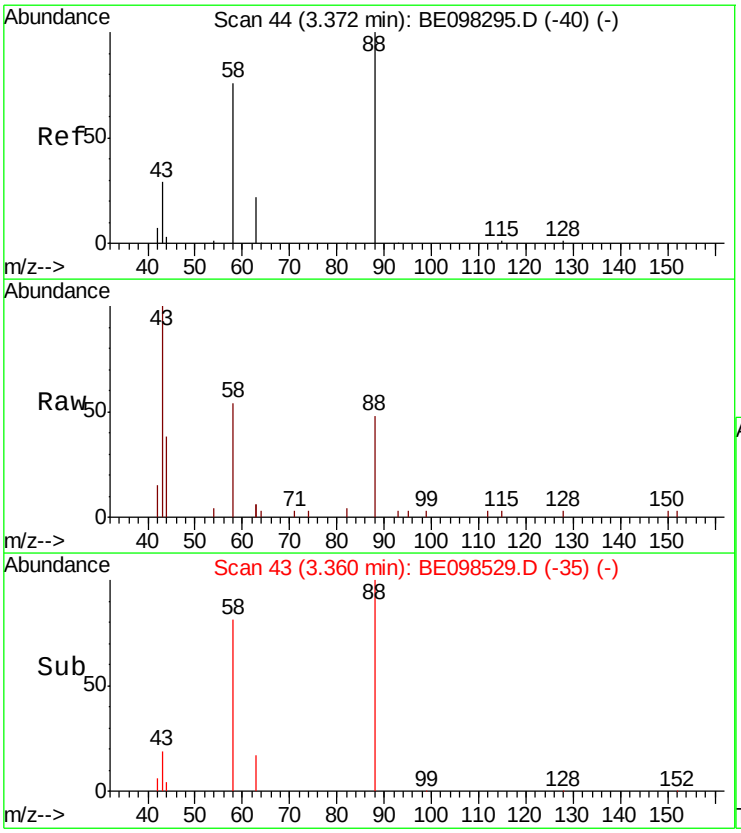
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.85 min Scan# 433
Delta R.T. -0.01 min
Lab File: BE098529.D
Acq: 19 Dec 2018 15:16

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 791

Ion	Ratio	Lower	Upper
152	100		
150	141.2	124.2	186.4
115	69.6	53.9	80.9

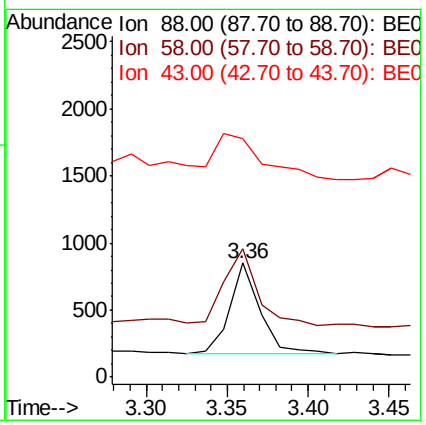


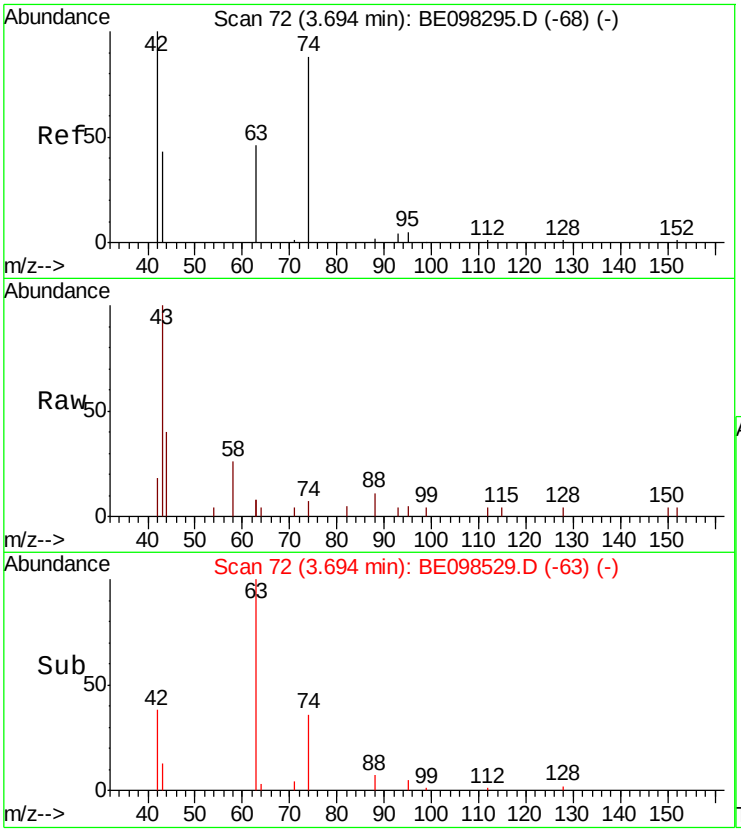


#2
1,4-Dioxane
Concen: 0.627 ng
RT: 3.36 min Scan# 43
Delta R.T. -0.01 min
Lab File: BE098529.D
Acq: 19 Dec 2018 15:16

Tgt Ion: 88 Resp: 858

Ion	Ratio	Lower	Upper
88	100		
58	95.3	75.0	112.6
43	82.3	38.3	57.5#



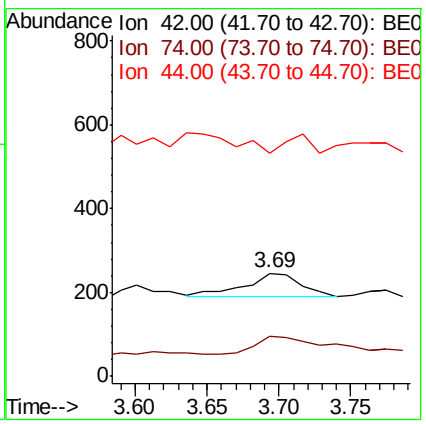


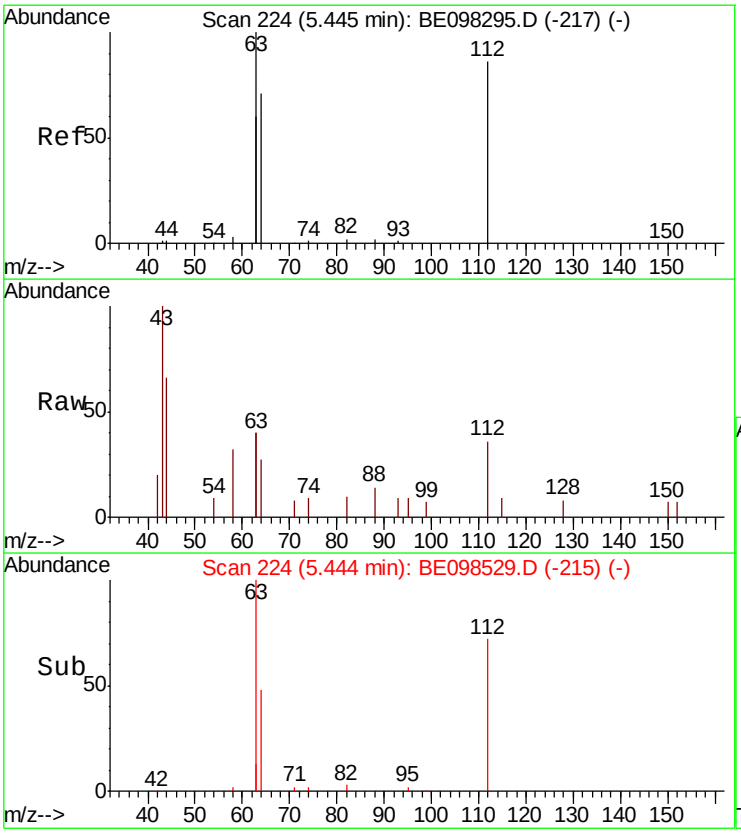
#3
n-Nitrosodimethylamine
Concen: 0.115 ng
RT: 3.69 min Scan# 72
Delta R.T. -0.00 min
Lab File: BE098529.D
Acq: 19 Dec 2018 15:16

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 42 Resp: 142

Ion	Ratio	Lower	Upper
42	100		
74	79.6	0.0	0.0#
44	0.0	0.0	0.0

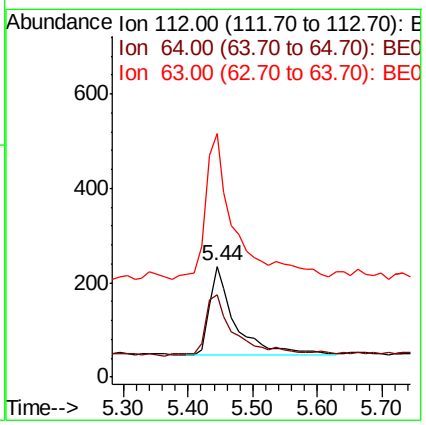


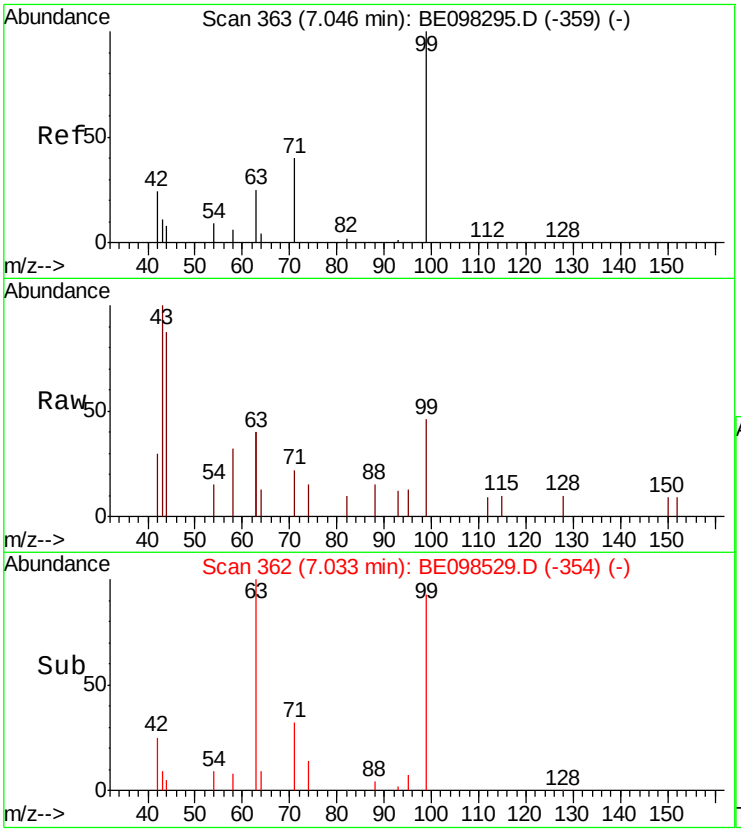


#4
2-Fluorophenol
Concen: 0.285 ng
RT: 5.44 min Scan# 224
Delta R.T. -0.00 min
Lab File: BE098529.D
Acq: 19 Dec 2018 15:16

Tgt Ion:112 Resp: 527

Ion	Ratio	Lower	Upper
112	100		
64	78.0	59.8	89.8
63	161.5	133.7	200.5



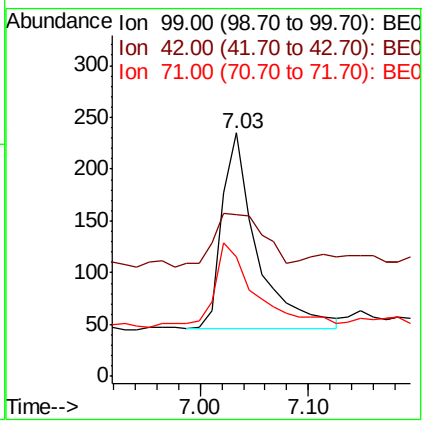


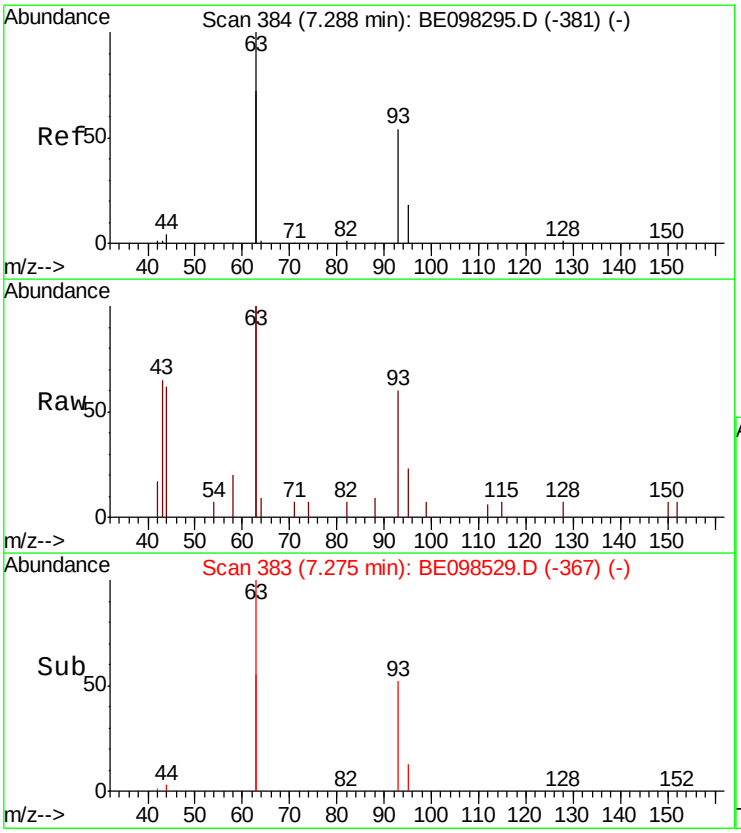
#5
Phenol-d6
Concen: 0.161 ng
RT: 7.03 min Scan# 362
Delta R.T. -0.01 min
Lab File: BE098529.D
Acq: 19 Dec 2018 15:16

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 99 Resp: 423

Ion	Ratio	Lower	Upper
99	100		
42	39.5	26.3	39.5
71	50.6	33.6	50.4#

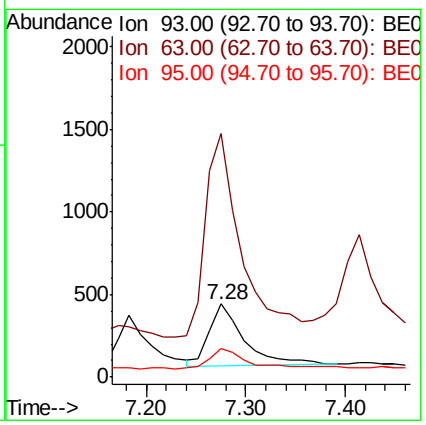


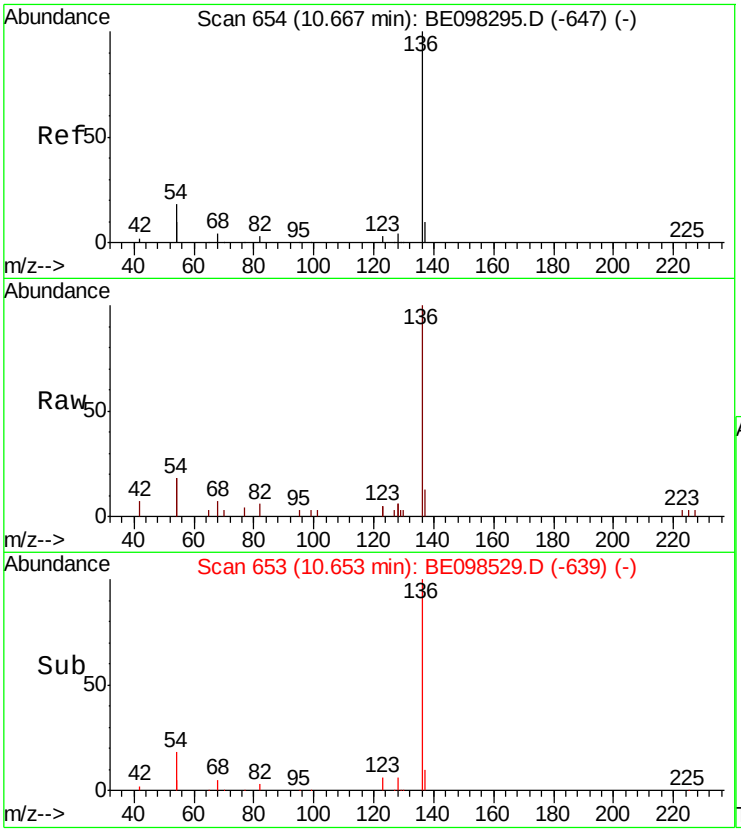


#6
bis(2-Chloroethyl)ether
Concen: 0.360 ng
RT: 7.28 min Scan# 383
Delta R.T. -0.01 min
Lab File: BE098529.D
Acq: 19 Dec 2018 15:16

Tgt Ion: 93 Resp: 896

Ion	Ratio	Lower	Upper
93	100		
63	345.5	264.4	396.6
95	37.7	26.6	40.0



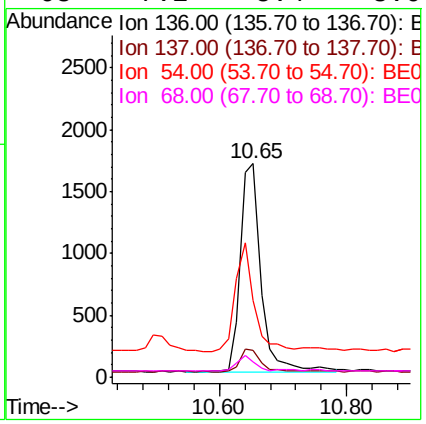


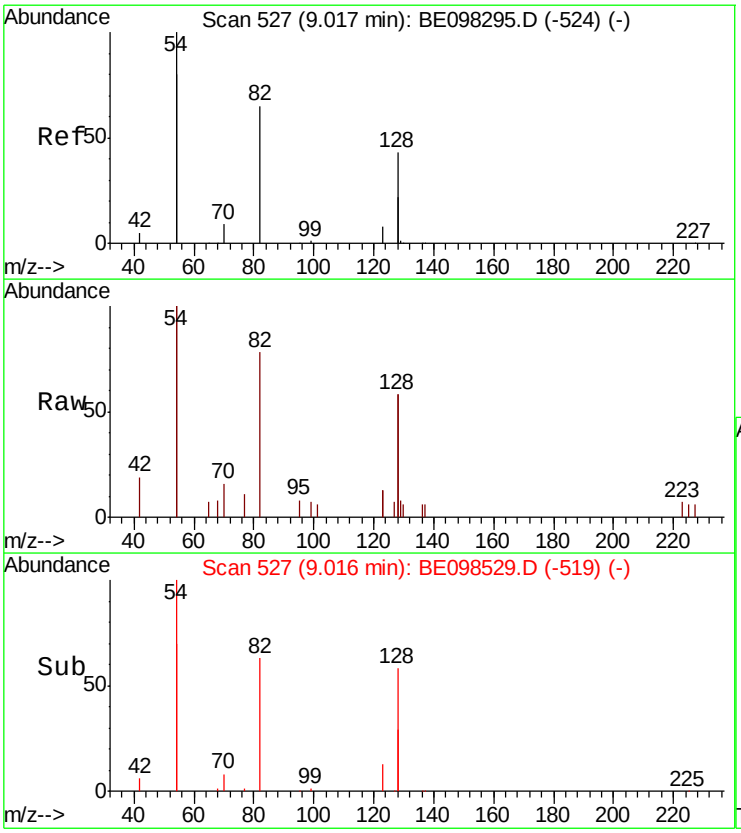
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.65 min Scan# 653
Delta R.T. -0.01 min
Lab File: BE098529.D
Acq: 19 Dec 2018 15:16

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:136 Resp: 3804

Ion	Ratio	Lower	Upper
136	100		
137	12.8	9.2	13.8
54	35.8	28.4	42.6
68	7.2	5.4	8.0

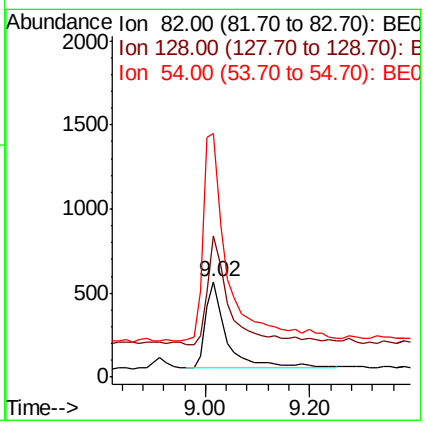


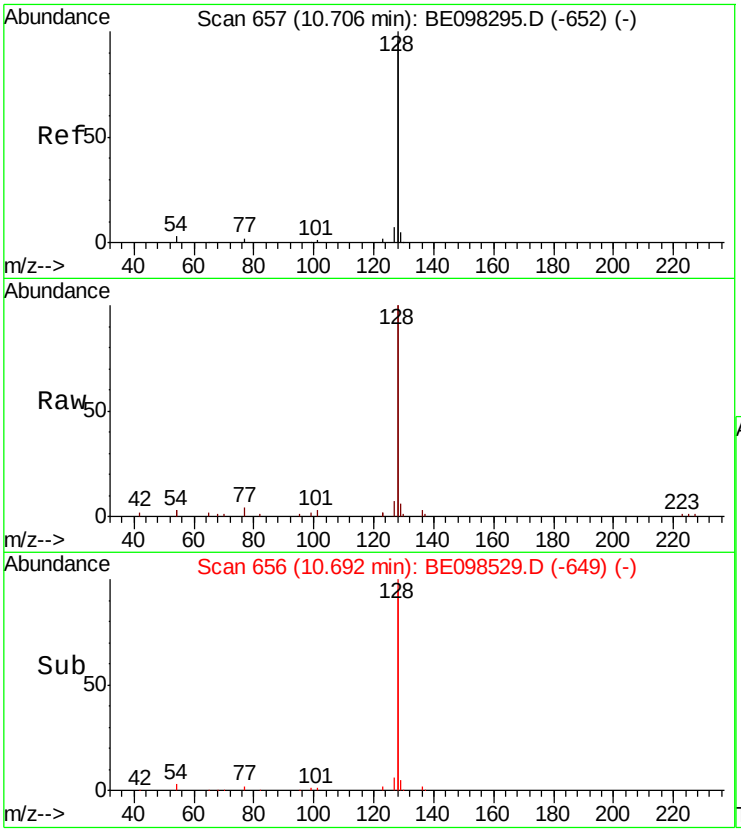


#8
Nitrobenzene-d5
Concen: 0.425 ng
RT: 9.02 min Scan# 527
Delta R.T. -0.00 min
Lab File: BE098529.D
Acq: 19 Dec 2018 15:16

Tgt Ion: 82 Resp: 1470

Ion	Ratio	Lower	Upper
82	100		
128	147.9	102.4	153.6
54	254.9	221.8	332.8



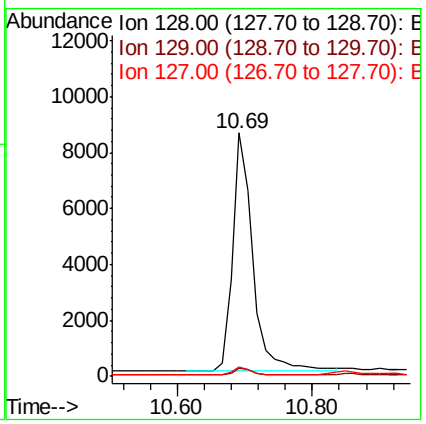


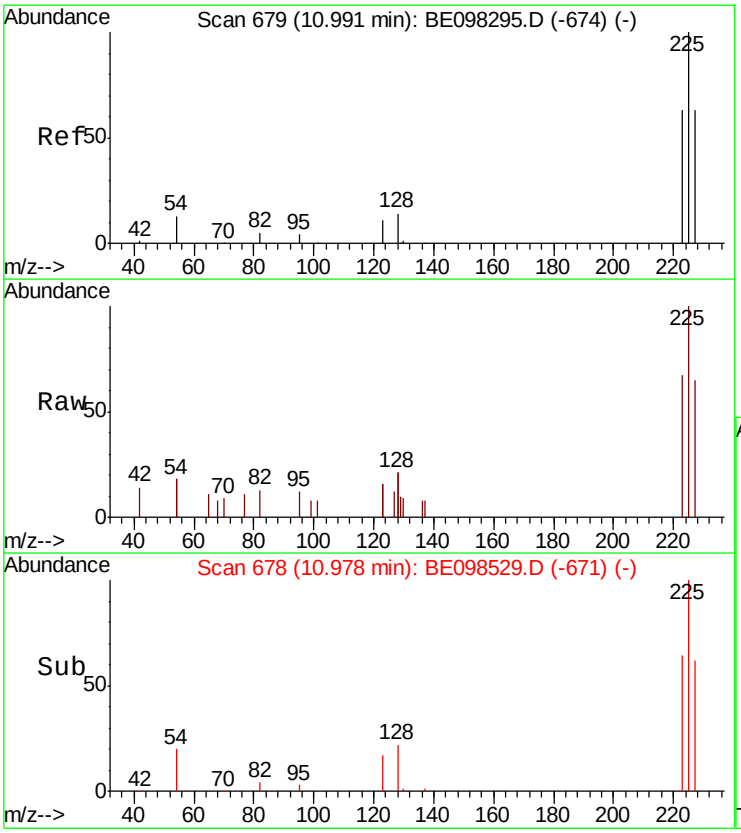
#9
Naphthalene
Concen: 0.464 ng
RT: 10.69 min Scan# 656
Delta R.T. -0.01 min
Lab File: BE098529.D
Acq: 19 Dec 2018 15:16

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:128 Resp: 17780

Ion	Ratio	Lower	Upper
128	100		
129	3.1	2.5	3.7
127	3.7	2.7	4.1

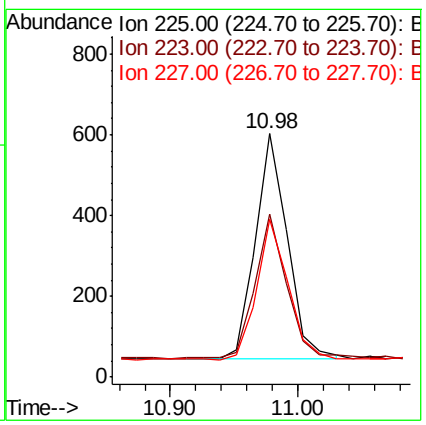


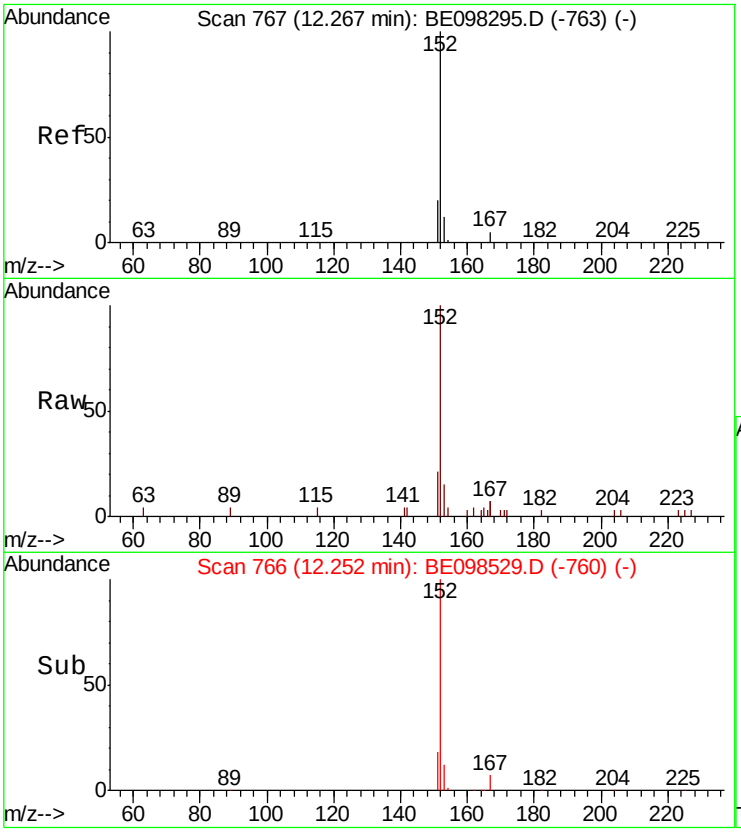


#10
Hexachlorobutadiene
Concen: 0.400 ng
RT: 10.98 min Scan# 678
Delta R.T. -0.01 min
Lab File: BE098529.D
Acq: 19 Dec 2018 15:16

Tgt Ion:225 Resp: 976

Ion	Ratio	Lower	Upper
225	100		
223	62.8	49.4	74.0
227	59.6	52.0	78.0



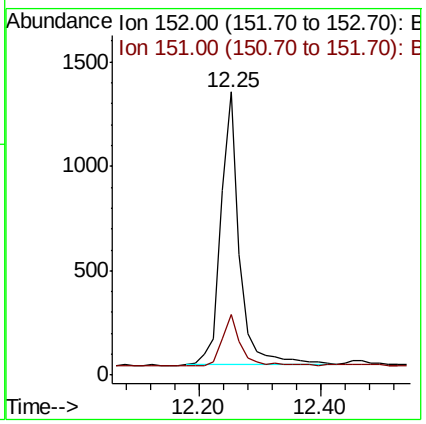


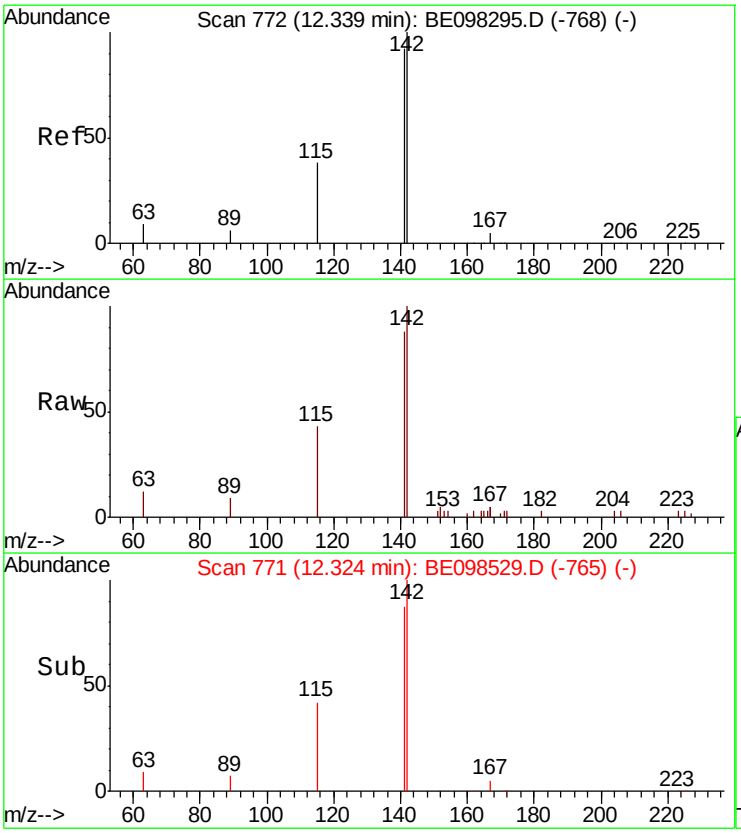
#11
2-Methylnaphthalene-d10
Concen: 0.458 ng
RT: 12.25 min Scan# 766
Delta R.T. -0.01 min
Lab File: BE098529.D
Acq: 19 Dec 2018 15:16

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 2832

Ion	Ratio	Lower	Upper
152	100		
151	18.6	16.2	24.4

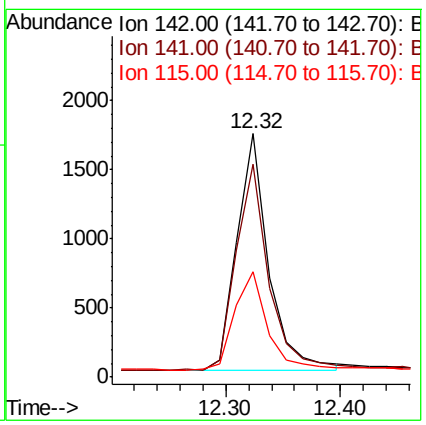


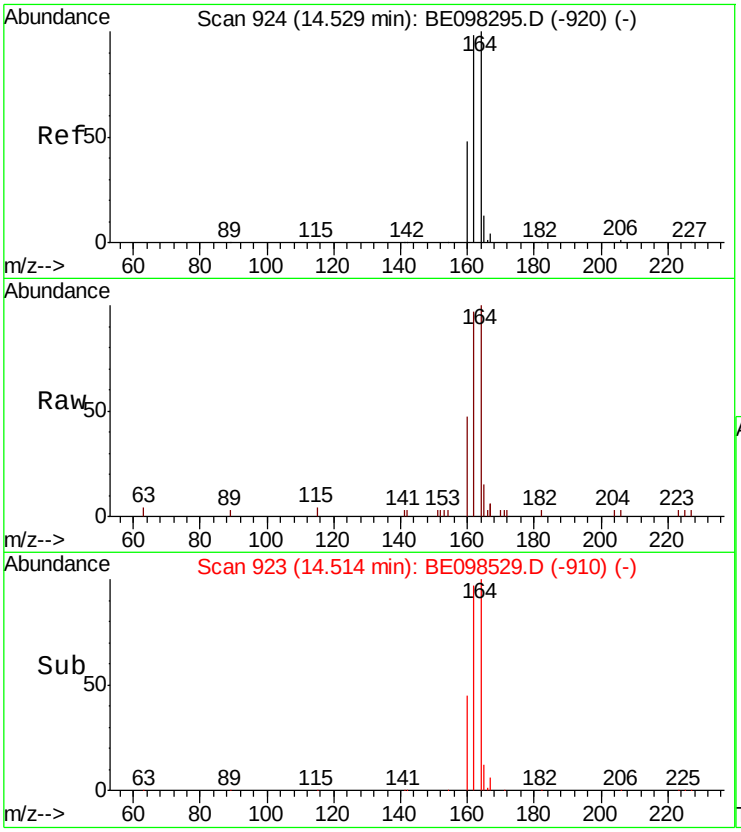


#12
2-Methylnaphthalene
Concen: 0.523 ng
RT: 12.32 min Scan# 771
Delta R.T. -0.01 min
Lab File: BE098529.D
Acq: 19 Dec 2018 15:16

Tgt Ion:142 Resp: 3255

Ion	Ratio	Lower	Upper
142	100		
141	87.6	71.0	106.6
115	43.5	32.2	48.2



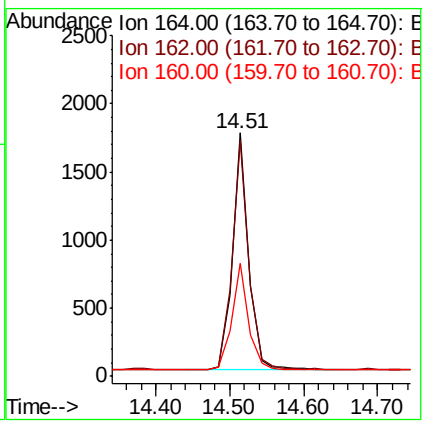


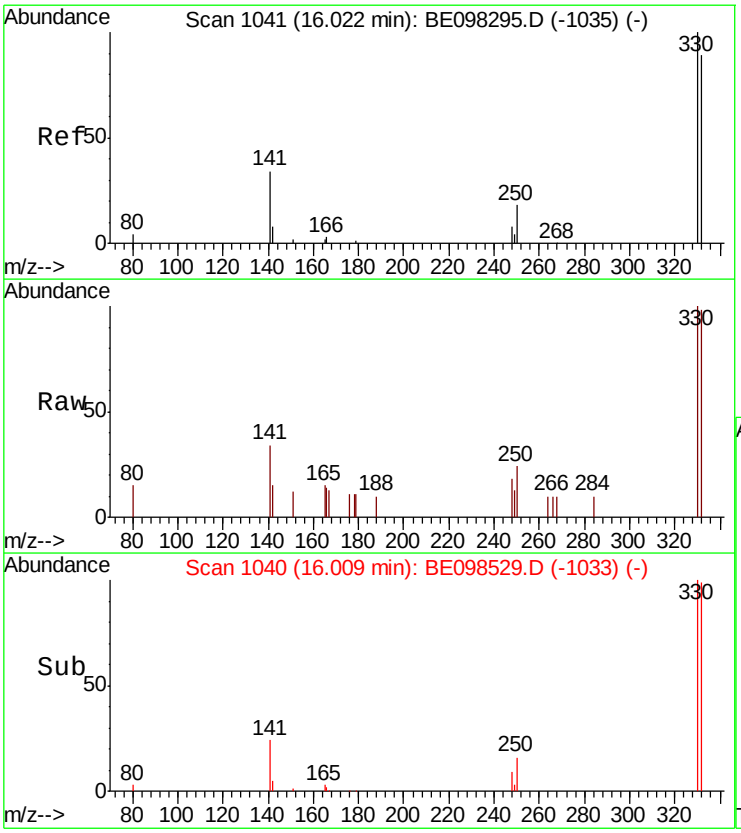
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.51 min Scan# 923
Delta R.T. -0.01 min
Lab File: BE098529.D
Acq: 19 Dec 2018 15:16

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:164 Resp: 2660

Ion	Ratio	Lower	Upper
164	100		
162	96.9	77.6	116.4
160	46.6	36.0	54.0

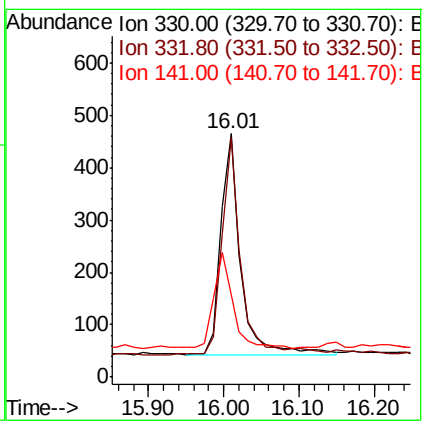


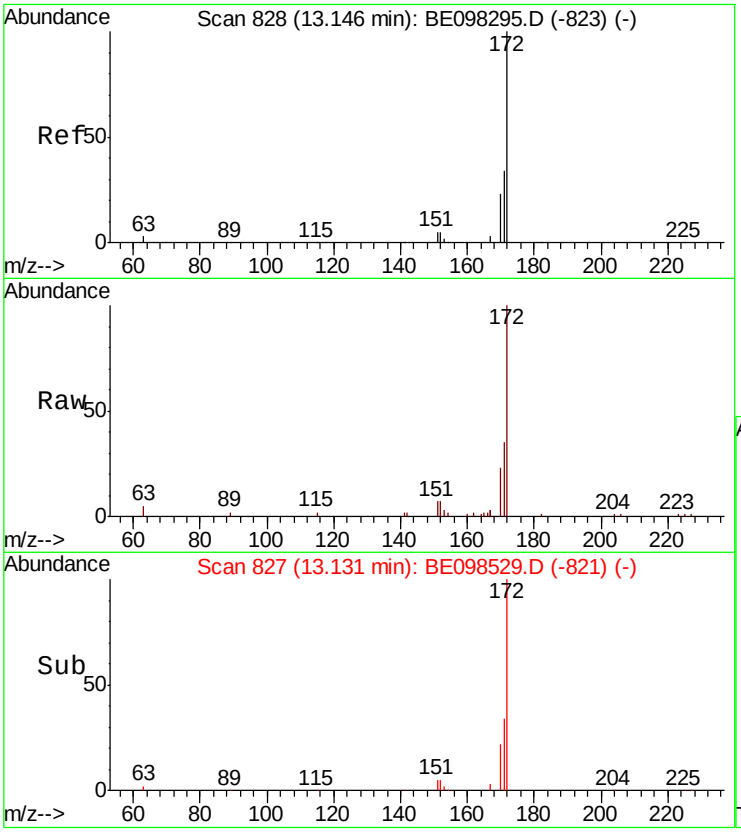


#14
2,4,6-Tribromophenol
Concen: 0.804 ng
RT: 16.01 min Scan# 1040
Delta R.T. -0.01 min
Lab File: BE098529.D
Acq: 19 Dec 2018 15:16

Tgt Ion:330 Resp: 785

Ion	Ratio	Lower	Upper
330	100		
332	94.6	76.2	114.4
141	40.6	39.0	58.4



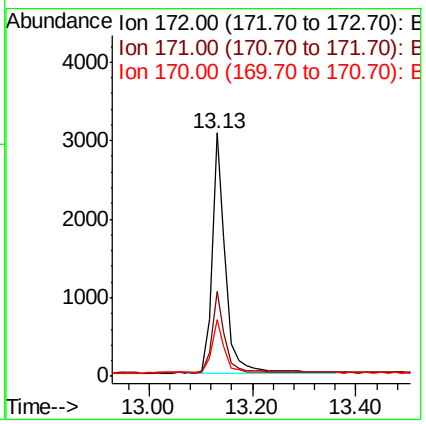


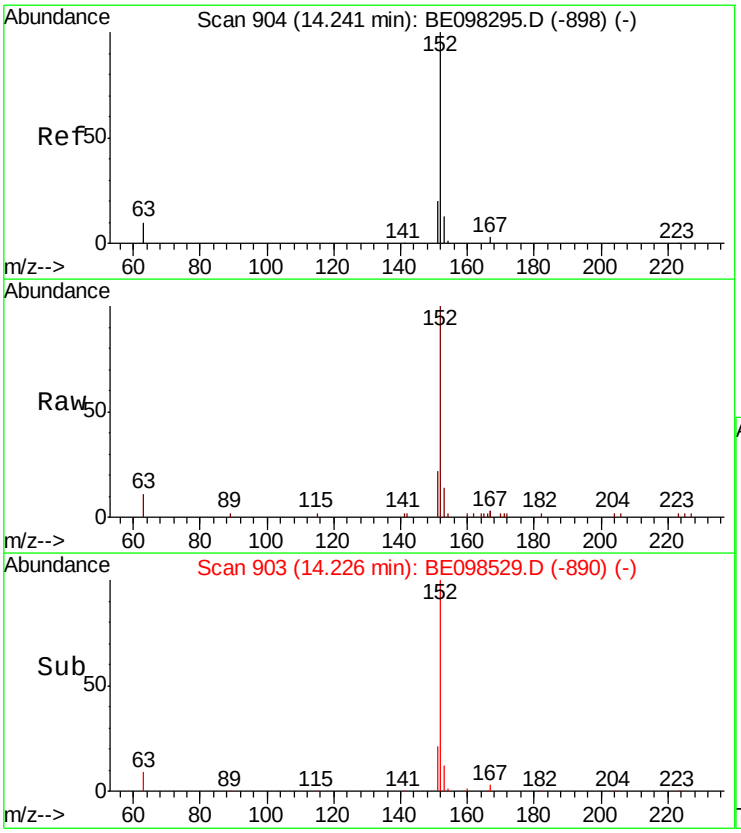
#15
2-Fluorobiphenyl
Concen: 0.489 ng
RT: 13.13 min Scan# 827
Delta R.T. -0.01 min
Lab File: BE098529.D
Acq: 19 Dec 2018 15:16

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:172 Resp: 5491

Ion	Ratio	Lower	Upper
172	100		
171	35.0	27.5	41.3
170	23.5	19.6	29.4

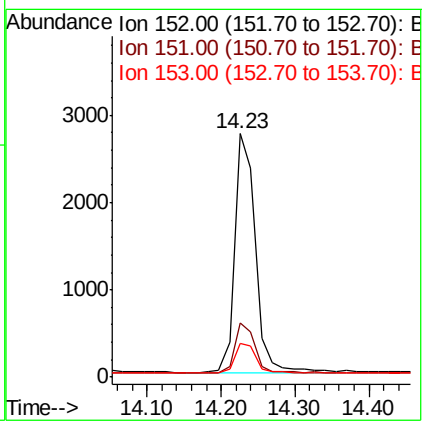


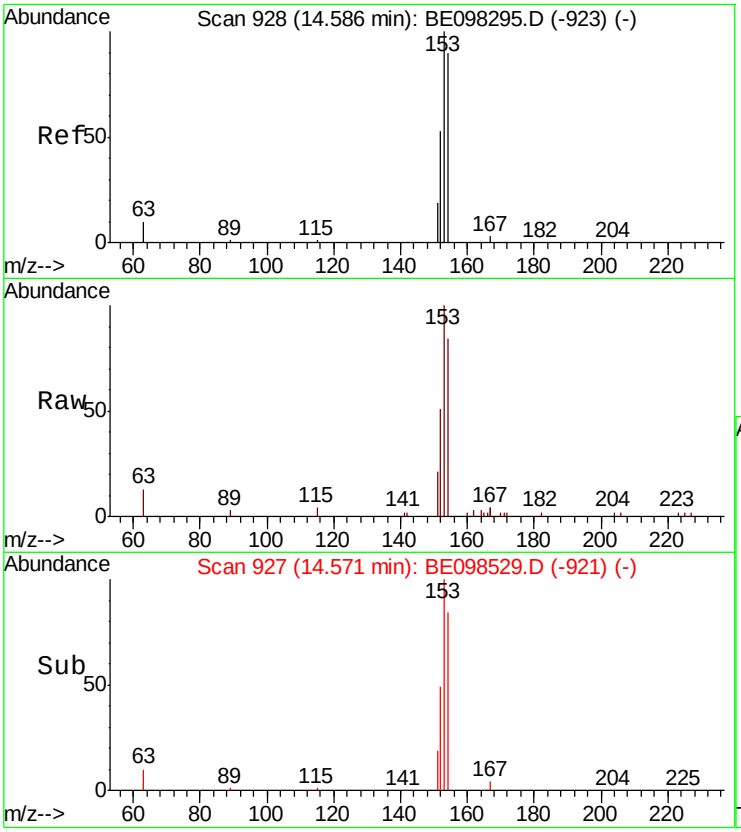


#16
Acenaphthylene
Concen: 0.430 ng
RT: 14.23 min Scan# 903
Delta R.T. -0.01 min
Lab File: BE098529.D
Acq: 19 Dec 2018 15:16

Tgt Ion:152 Resp: 5356

Ion	Ratio	Lower	Upper
152	100		
151	21.0	15.5	23.3
153	12.8	10.6	16.0



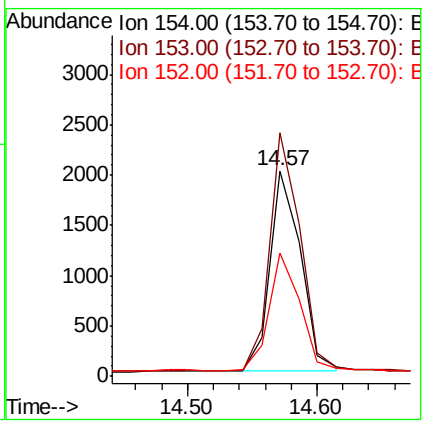


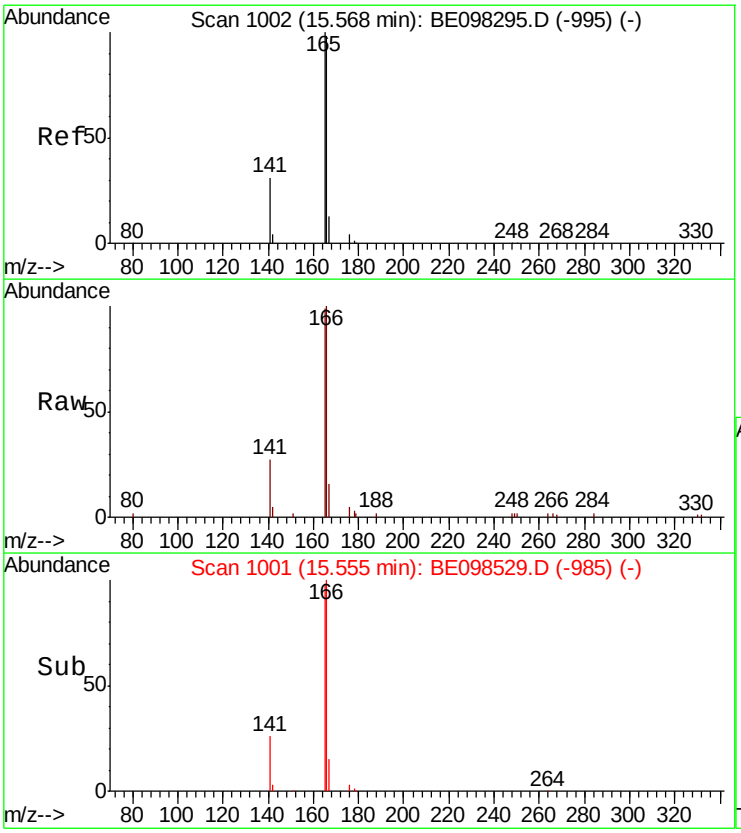
#17
Acenaphthene
Concen: 0.441 ng
RT: 14.57 min Scan# 927
Delta R.T. -0.01 min
Lab File: BE098529.D
Acq: 19 Dec 2018 15:16

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:154 Resp: 3299

Ion	Ratio	Lower	Upper
154	100		
153	117.2	91.8	137.6
152	59.0	45.5	68.3

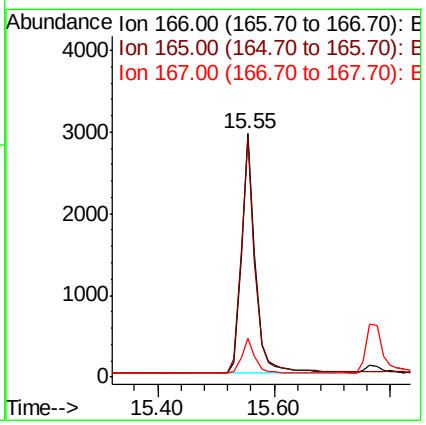


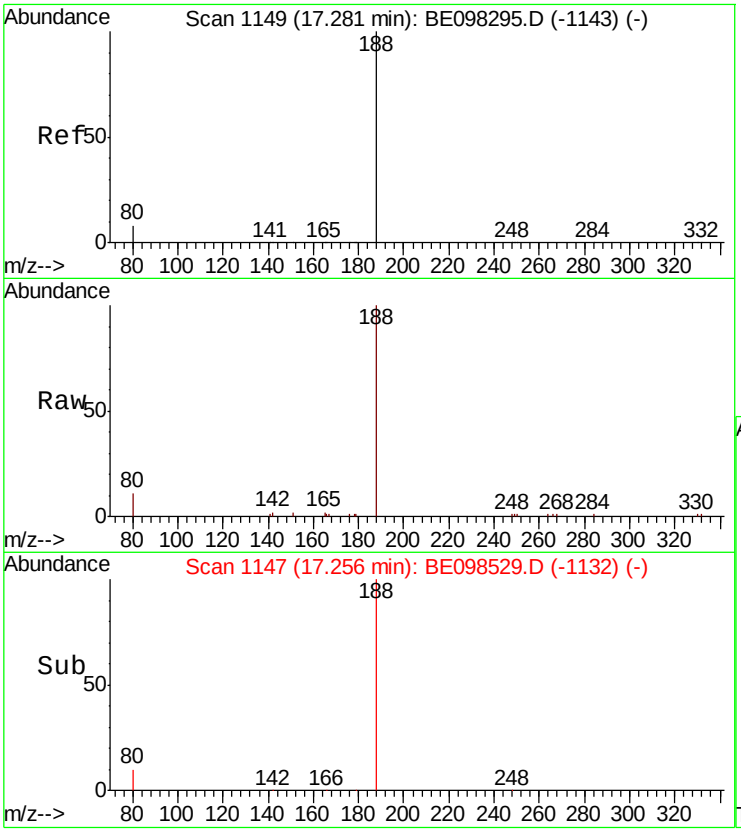


#18
Fluorene
Concen: 0.478 ng
RT: 15.55 min Scan# 1001
Delta R.T. -0.01 min
Lab File: BE098529.D
Acq: 19 Dec 2018 15:16

Tgt Ion:166 Resp: 4789

Ion	Ratio	Lower	Upper
166	100		
165	97.7	79.3	118.9
167	13.4	11.3	16.9



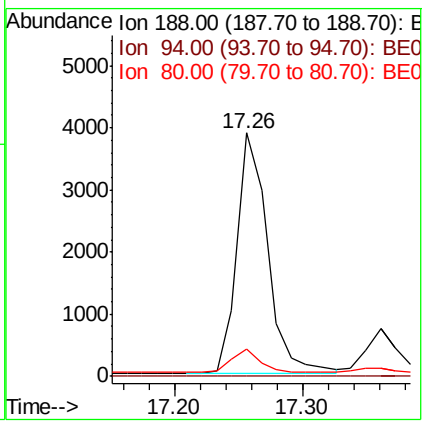


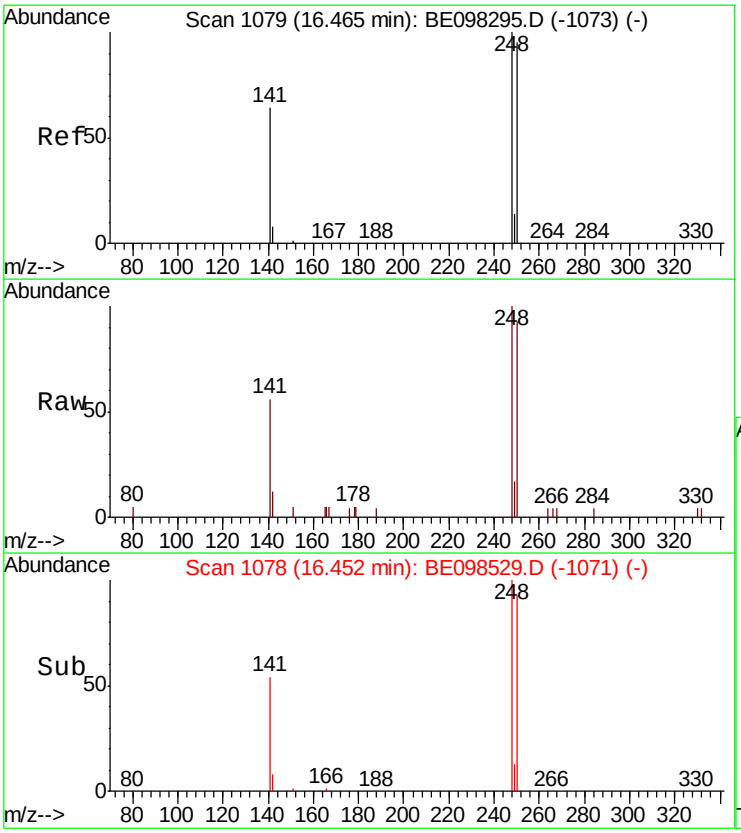
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.26 min Scan# 1147
Delta R.T. -0.02 min
Lab File: BE098529.D
Acq: 19 Dec 2018 15:16

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:188 Resp: 6459

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	11.3	7.2	10.8#

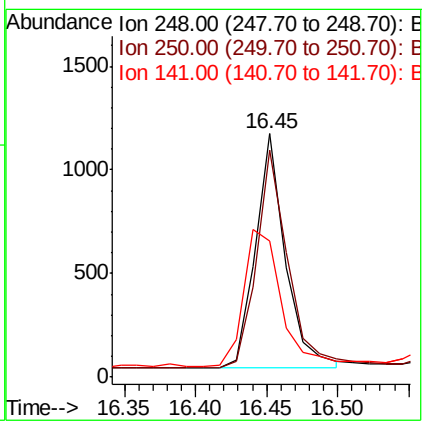


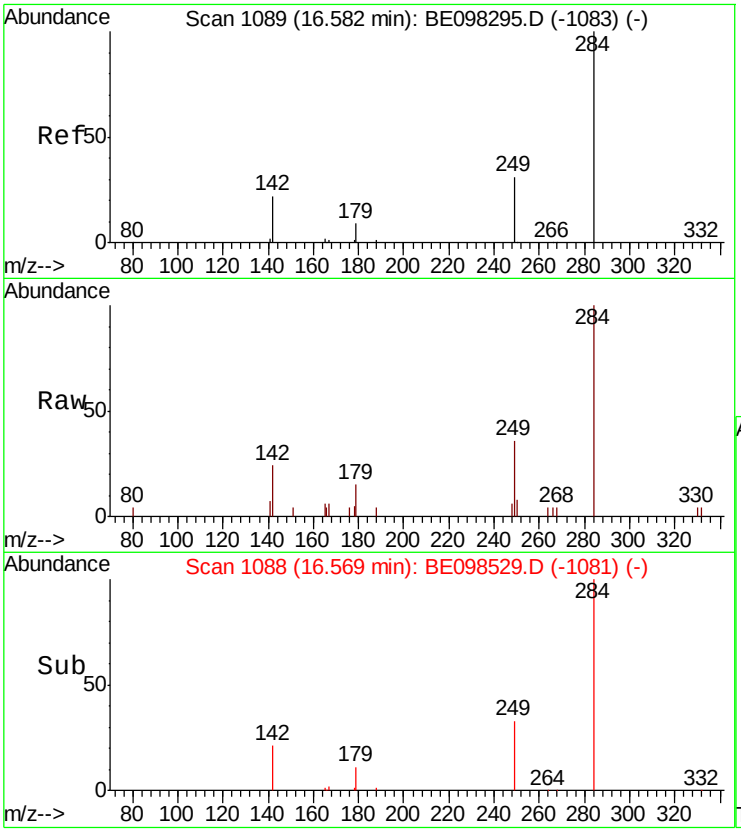


#20
4-Bromophenyl-phenylether
Concen: 0.475 ng
RT: 16.45 min Scan# 1078
Delta R.T. -0.01 min
Lab File: BE098529.D
Acq: 19 Dec 2018 15:16

Tgt Ion:248 Resp: 1651

Ion	Ratio	Lower	Upper
248	100		
250	93.4	71.0	106.6
141	56.2	62.1	93.1#



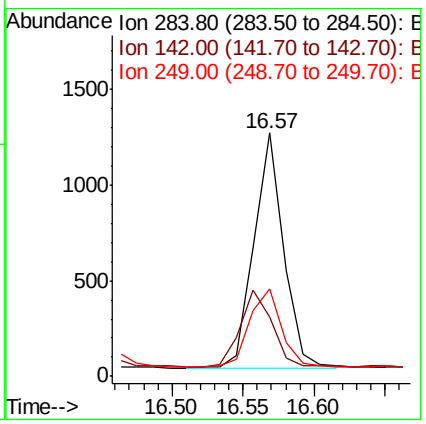


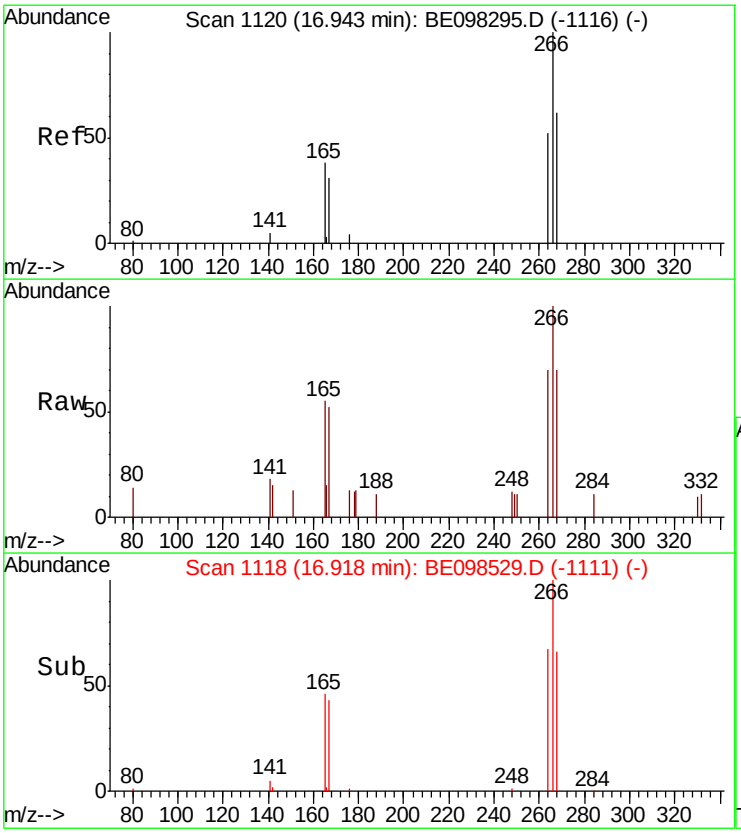
#21
Hexachlorobenzene
Concen: 0.473 ng
RT: 16.57 min Scan# 1088
Delta R.T. -0.01 min
Lab File: BE098529.D
Acq: 19 Dec 2018 15:16

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:284 Resp: 1768

Ion	Ratio	Lower	Upper
284	100		
142	34.8	26.3	39.5
249	35.2	26.0	39.0

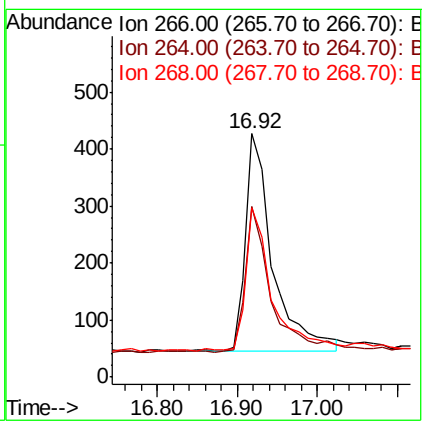


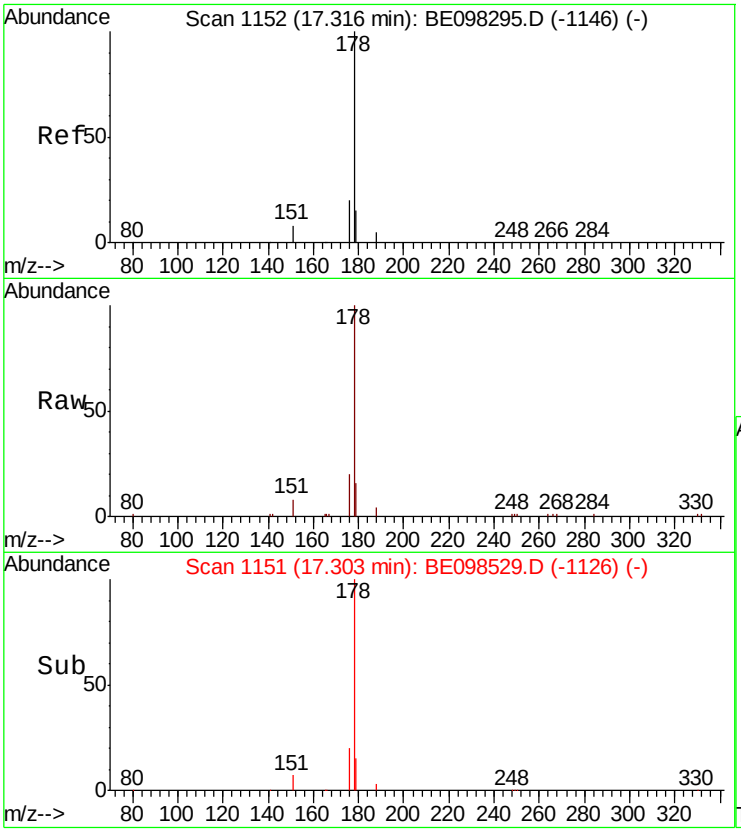


#22
Pentachlorophenol
Concen: 1.191 ng
RT: 16.92 min Scan# 1118
Delta R.T. -0.02 min
Lab File: BE098529.D
Acq: 19 Dec 2018 15:16

Tgt Ion:266 Resp: 904

Ion	Ratio	Lower	Upper
266	100		
264	70.3	59.0	88.4
268	69.8	55.1	82.7



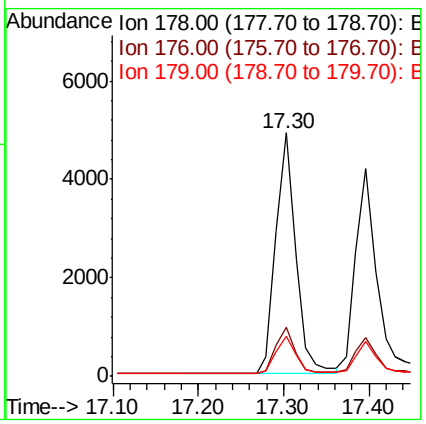


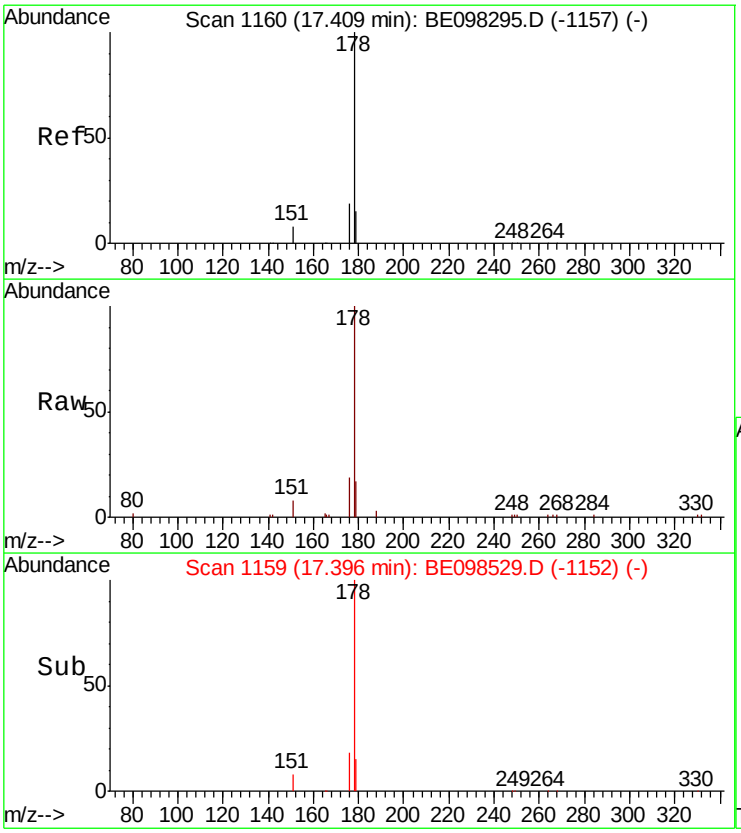
#23
Phenanthrene
Concen: 0.508 ng
RT: 17.30 min Scan# 1151
Delta R.T. -0.01 min
Lab File: BE098529.D
Acq: 19 Dec 2018 15:16

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 7974

Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.9	23.9
179	15.9	12.3	18.5

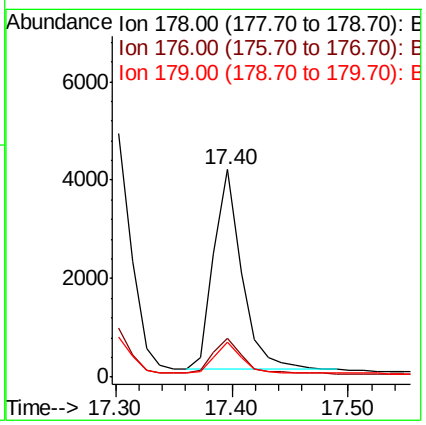


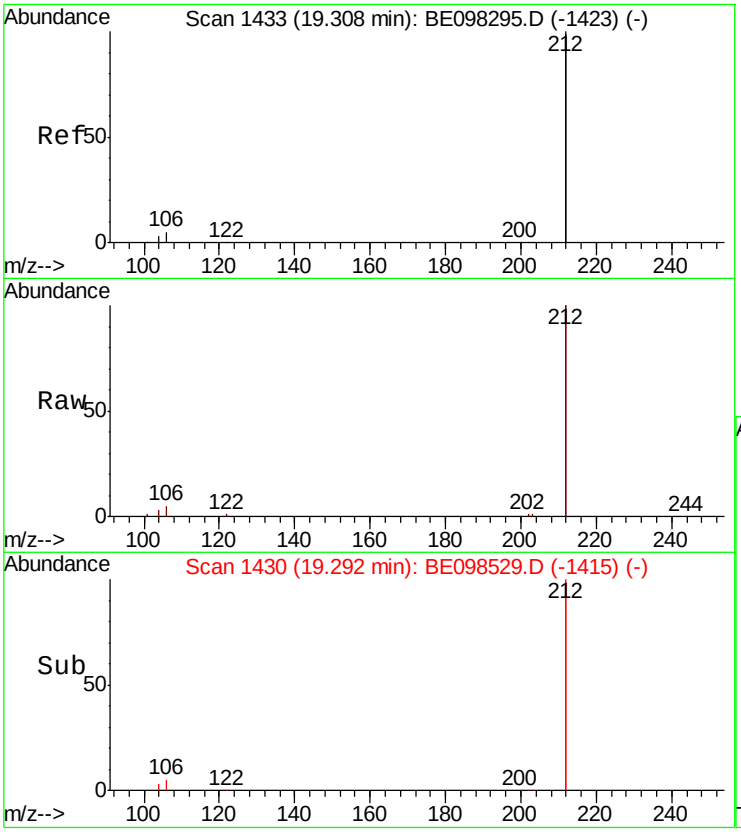


#24
Anthracene
Concen: 0.485 ng
RT: 17.40 min Scan# 1159
Delta R.T. -0.01 min
Lab File: BE098529.D
Acq: 19 Dec 2018 15:16

Tgt Ion:178 Resp: 6793

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.0	22.4
179	15.3	12.3	18.5



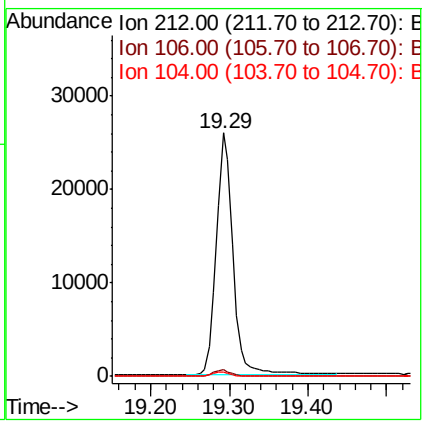


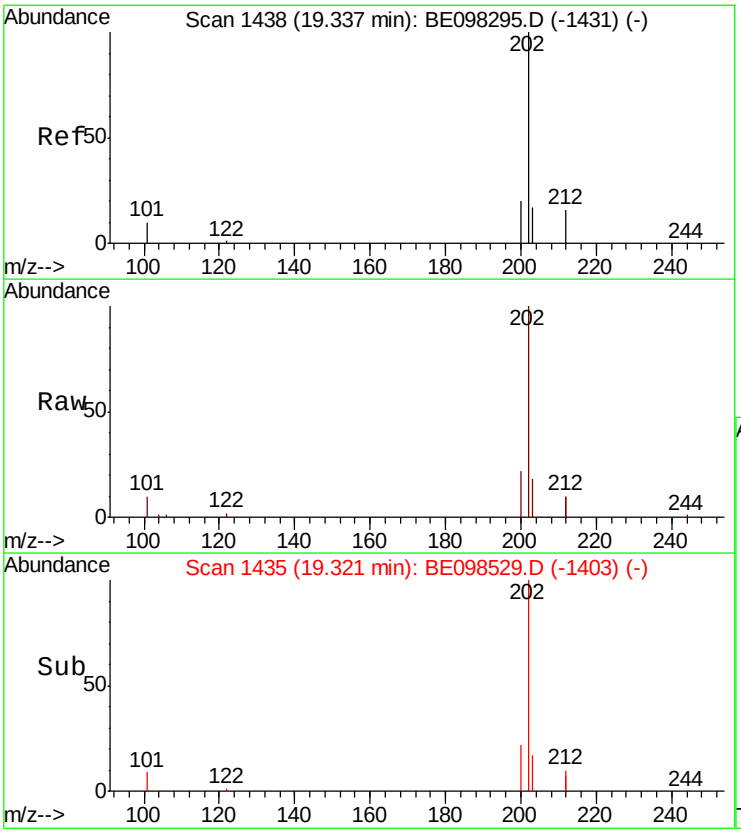
#25
Fluoranthene-d10
Concen: 0.452 ng
RT: 19.29 min Scan# 1430
Delta R.T. -0.02 min
Lab File: BE098529.D
Acq: 19 Dec 2018 15:16

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:212 Resp: 37419

Ion	Ratio	Lower	Upper
212	100		
106	2.5	2.2	3.2
104	1.4	1.3	1.9

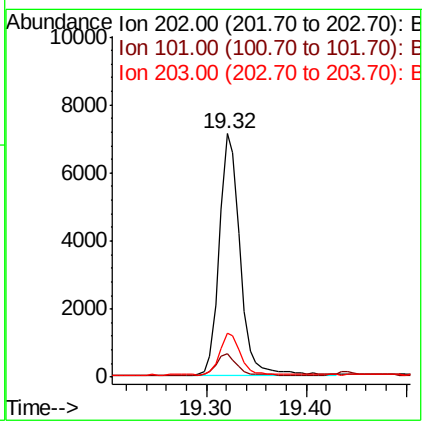


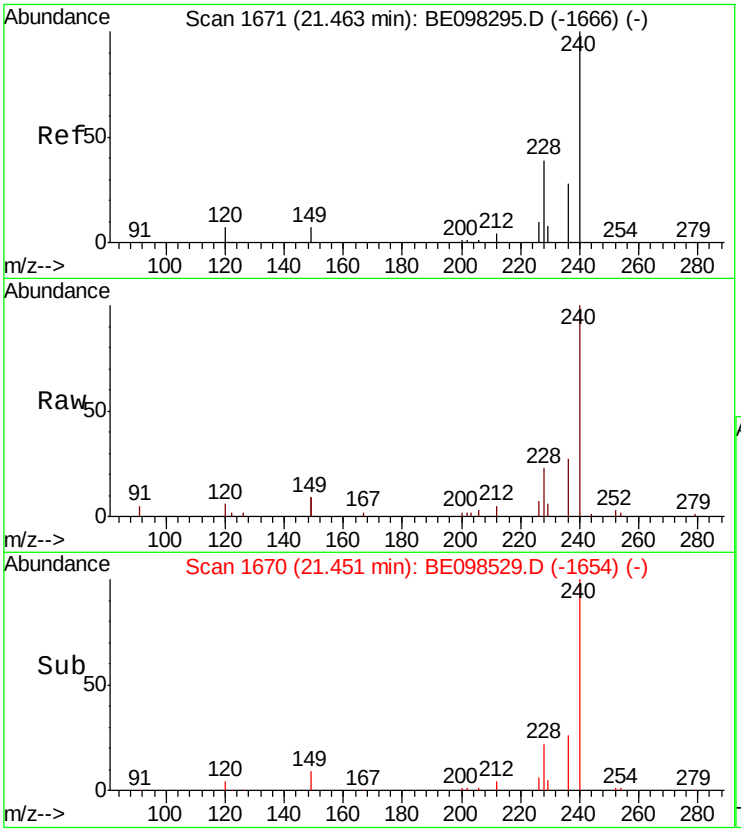


#26
Fluoranthene
Concen: 0.492 ng
RT: 19.32 min Scan# 1435
Delta R.T. -0.02 min
Lab File: BE098529.D
Acq: 19 Dec 2018 15:16

Tgt Ion:202 Resp: 10213

Ion	Ratio	Lower	Upper
202	100		
101	9.0	8.0	12.0
203	16.7	13.8	20.6



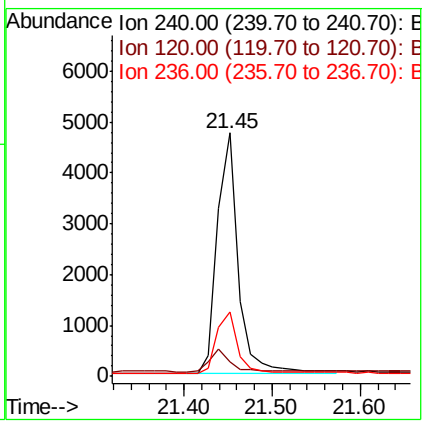


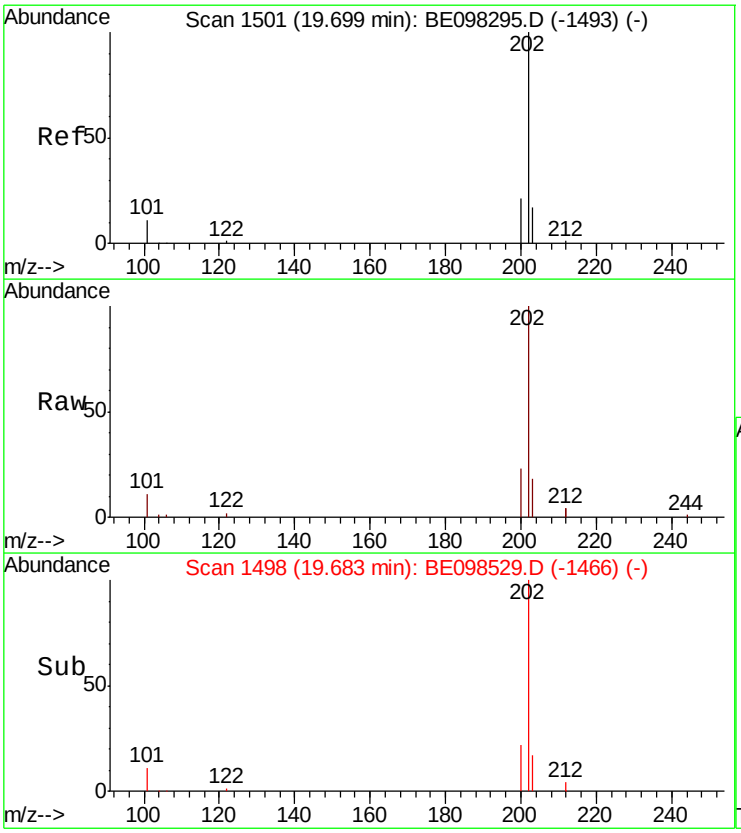
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.45 min Scan# 1670
Delta R.T. -0.01 min
Lab File: BE098529.D
Acq: 19 Dec 2018 15:16

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:240 Resp: 7857

Ion	Ratio	Lower	Upper
240	100		
120	5.7	9.5	14.3#
236	26.7	22.7	34.1

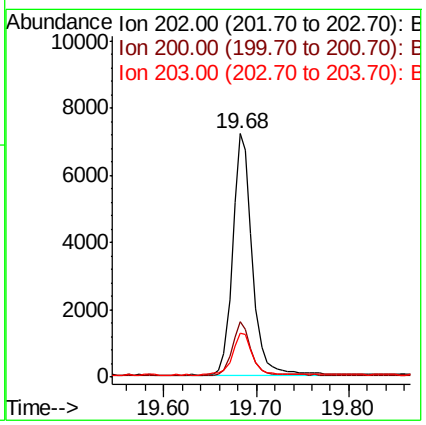


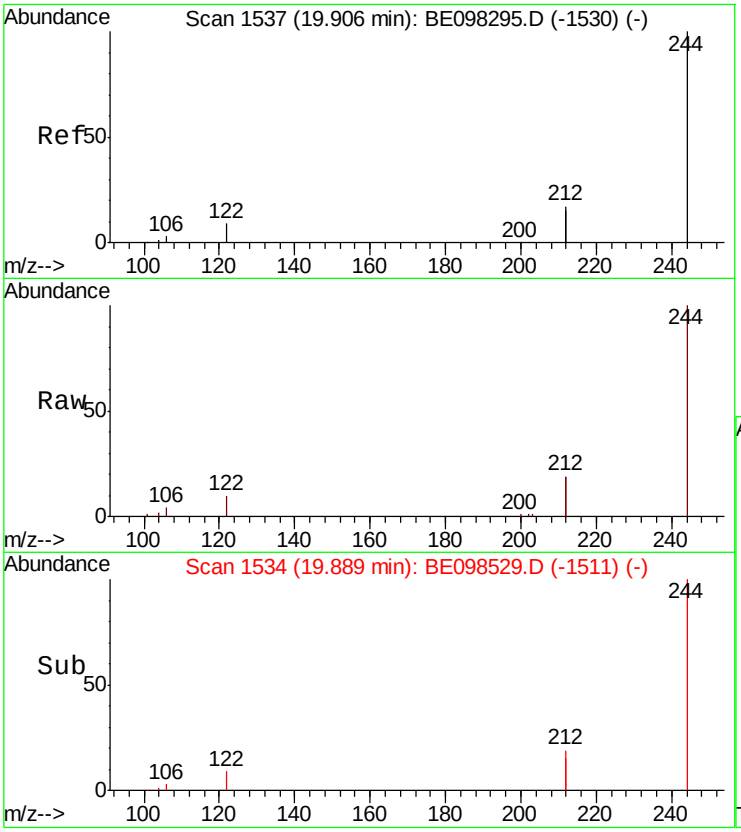


#28
Pyrene
Concen: 0.429 ng
RT: 19.68 min Scan# 1498
Delta R.T. -0.02 min
Lab File: BE098529.D
Acq: 19 Dec 2018 15:16

Tgt Ion:202 Resp: 10568

Ion	Ratio	Lower	Upper
202	100		
200	21.4	16.7	25.1
203	18.1	14.1	21.1



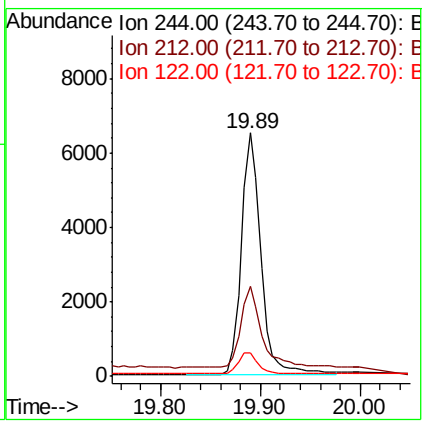


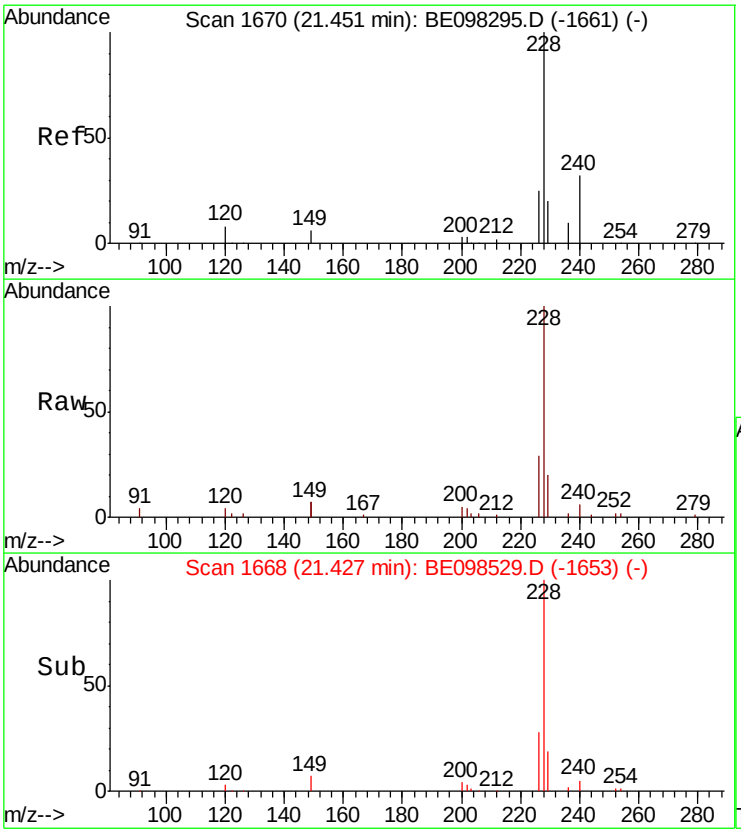
#29
Terphenyl-d14
Concen: 0.463 ng
RT: 19.89 min Scan# 1534
Delta R.T. -0.02 min
Lab File: BE098529.D
Acq: 19 Dec 2018 15:16

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:244 Resp: 8838

Ion	Ratio	Lower	Upper
244	100		
212	37.0	27.4	41.0
122	9.6	8.3	12.5

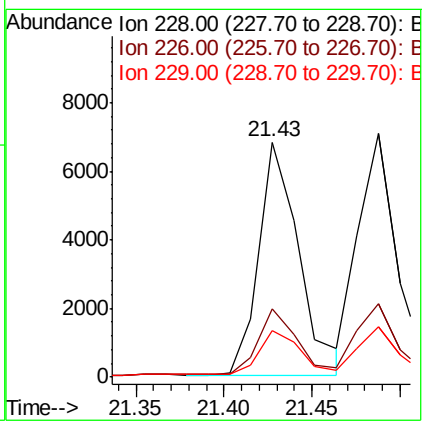


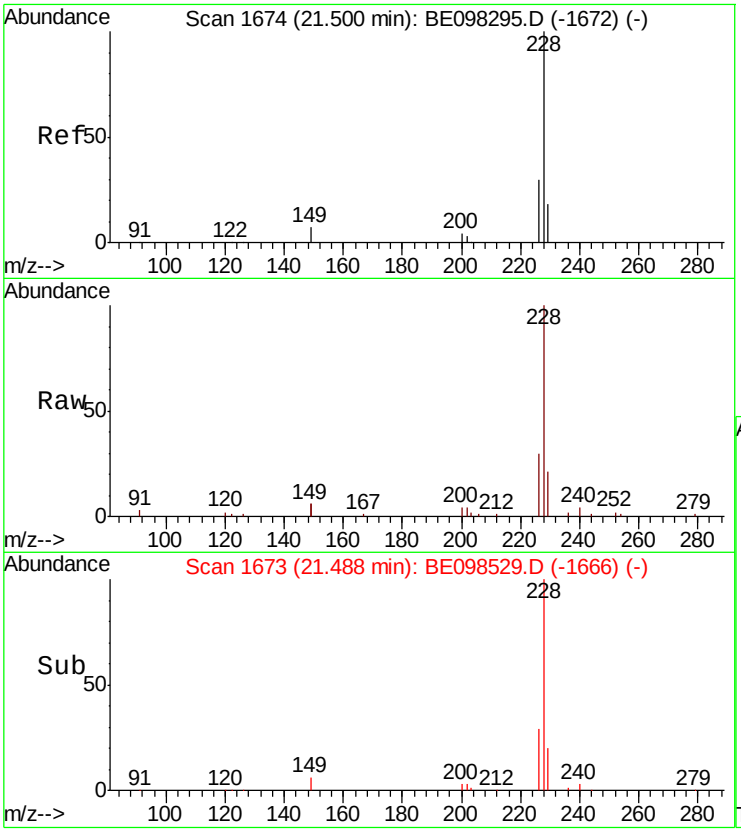


#30
Benzo(a)anthracene
Concen: 0.480 ng
RT: 21.43 min Scan# 1668
Delta R.T. -0.02 min
Lab File: BE098529.D
Acq: 19 Dec 2018 15:16

Tgt Ion:228 Resp: 10749

Ion	Ratio	Lower	Upper
228	100		
226	28.8	21.8	32.8
229	20.0	16.3	24.5



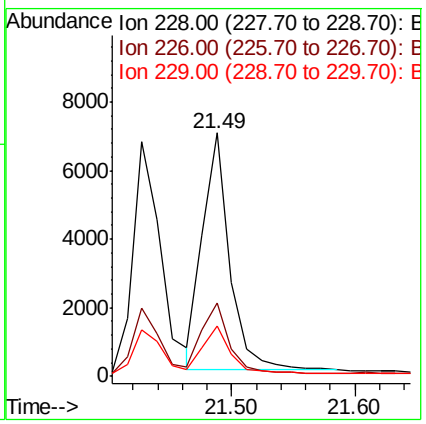


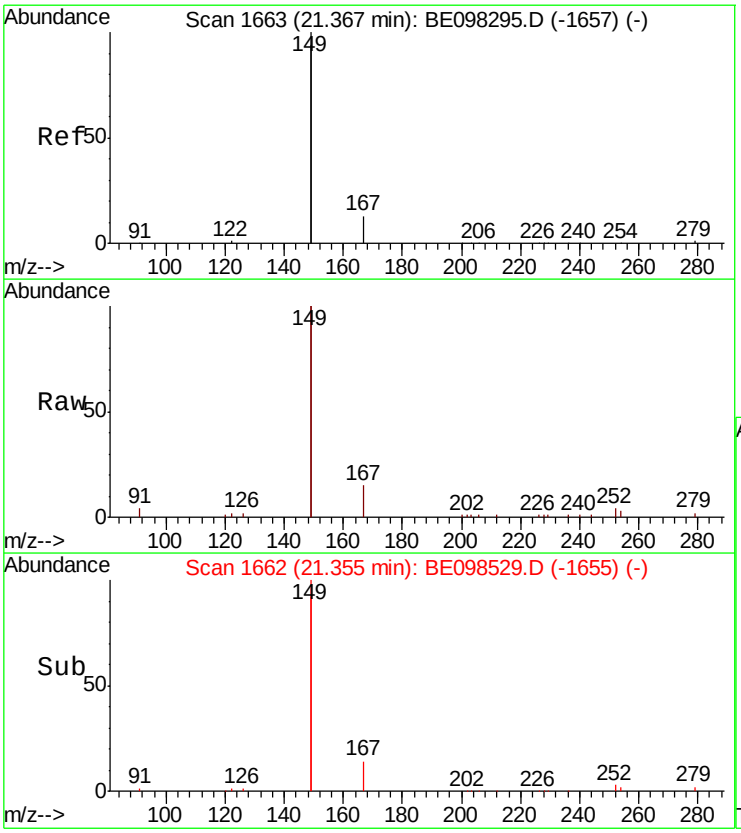
#31
Chrysene
Concen: 0.451 ng
RT: 21.49 min Scan# 1673
Delta R.T. -0.01 min
Lab File: BE098529.D
Acq: 19 Dec 2018 15:16

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 10576

Ion	Ratio	Lower	Upper
228	100		
226	30.0	23.4	35.0
229	20.7	16.2	24.4

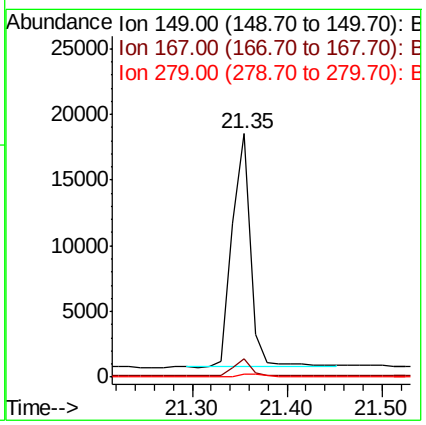


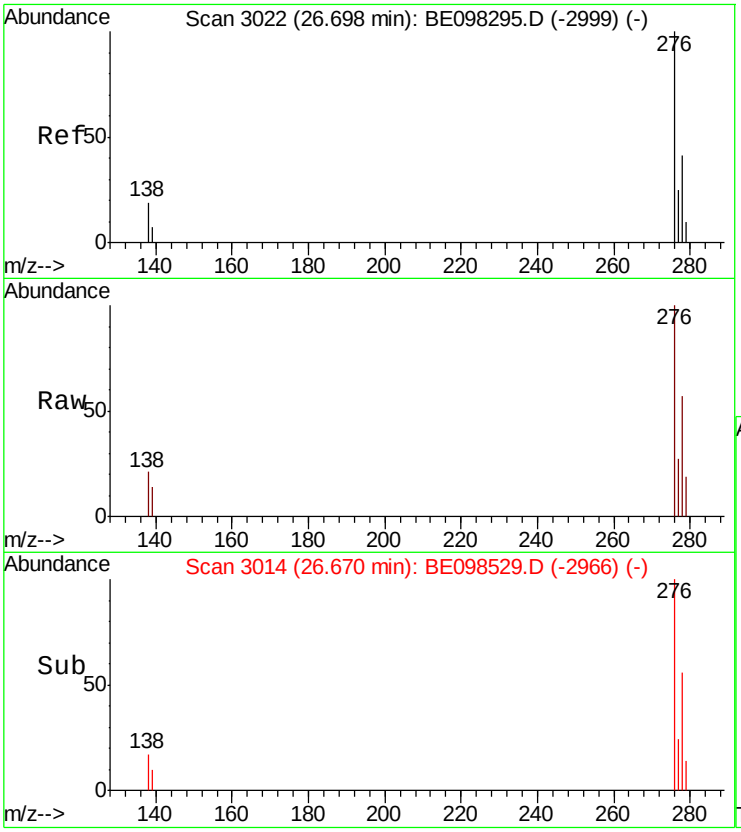


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.526 ng
RT: 21.35 min Scan# 1662
Delta R.T. -0.01 min
Lab File: BE098529.D
Acq: 19 Dec 2018 15:16

Tgt Ion:149 Resp: 23893

Ion	Ratio	Lower	Upper
149	100		
167	6.8	5.7	8.5
279	1.1	1.0	1.4



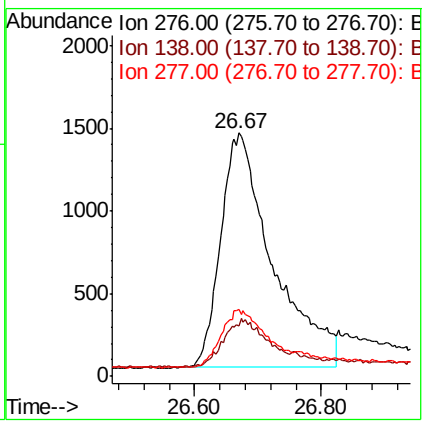


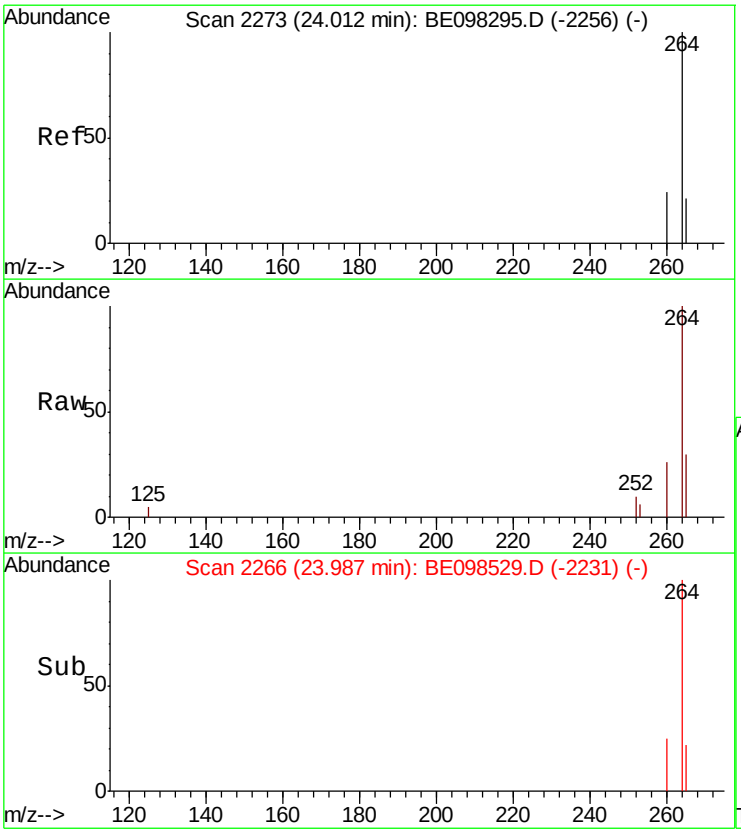
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.348 ng
RT: 26.67 min Scan# 3014
Delta R.T. -0.03 min
Lab File: BE098529.D
Acq: 19 Dec 2018 15:16

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 8112

Ion	Ratio	Lower	Upper
276	100		
138	16.8	16.3	24.5
277	23.6	20.2	30.4

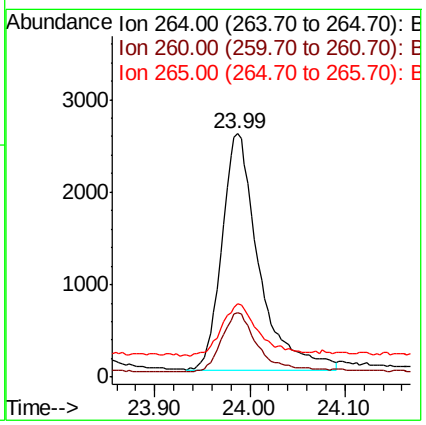


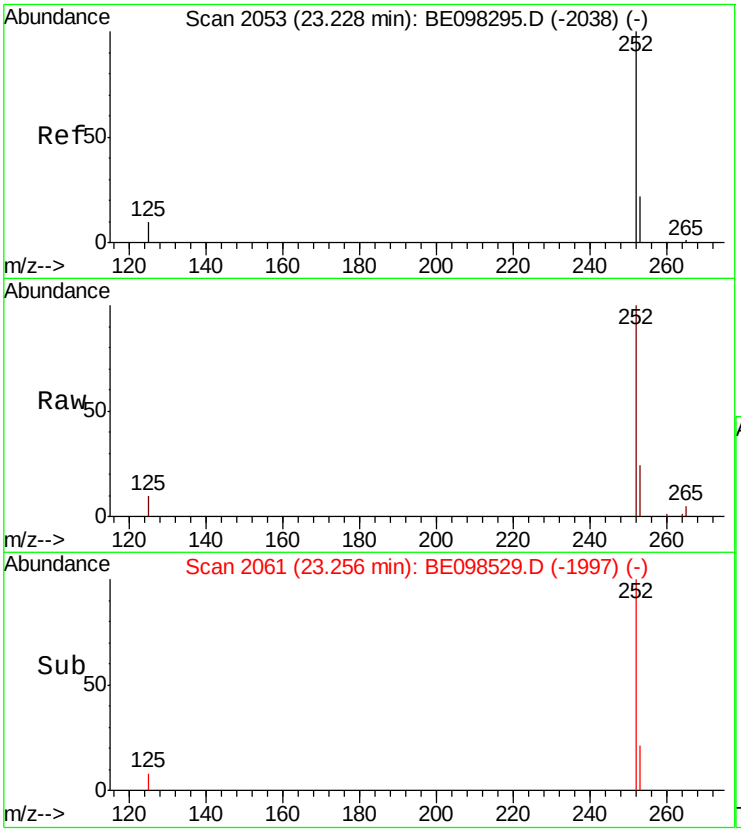


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.99 min Scan# 2266
Delta R.T. -0.03 min
Lab File: BE098529.D
Acq: 19 Dec 2018 15:16

Tgt Ion:264 Resp: 6852

Ion	Ratio	Lower	Upper
264	100		
260	26.3	20.2	30.2
265	30.0	25.2	37.8



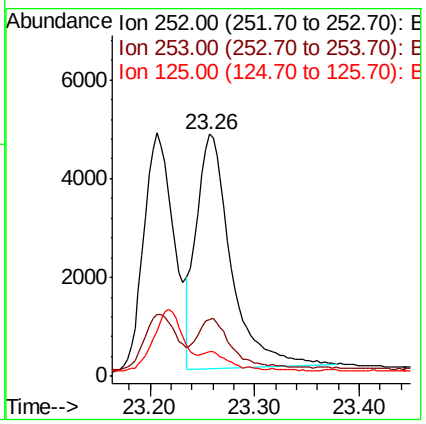


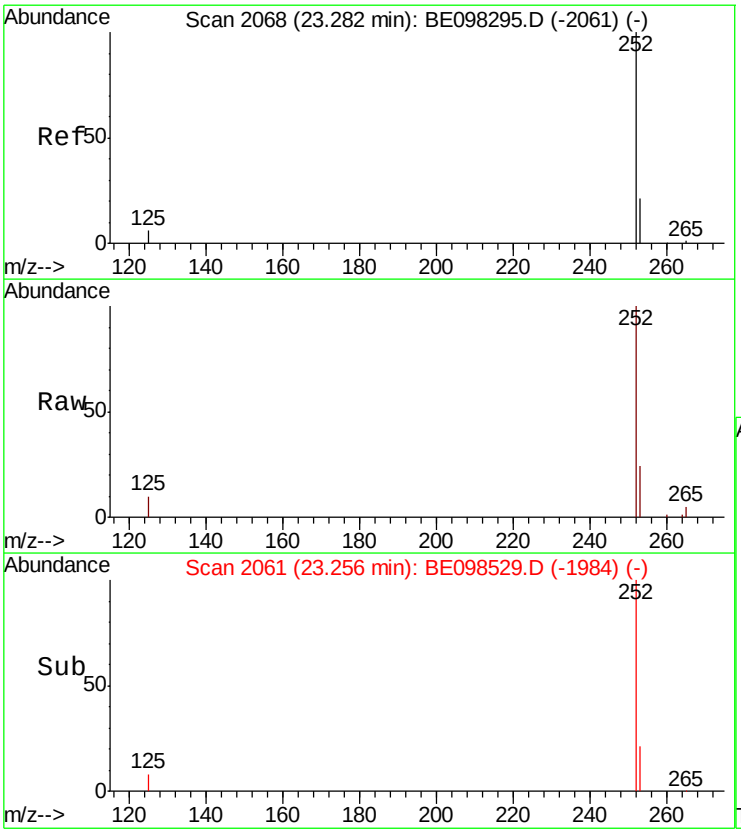
#35
Benzo(b)fluoranthene
Concen: 0.586 ng
RT: 23.26 min Scan# 2061
Delta R.T. 0.03 min
Lab File: BE098529.D
Acq: 19 Dec 2018 15:16

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 10978

Ion	Ratio	Lower	Upper
252	100		
253	23.6	20.0	30.0
125	10.0	9.6	14.4

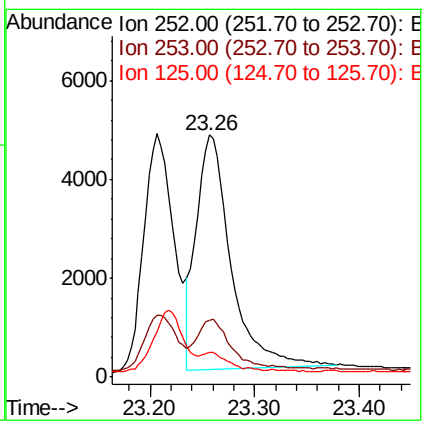


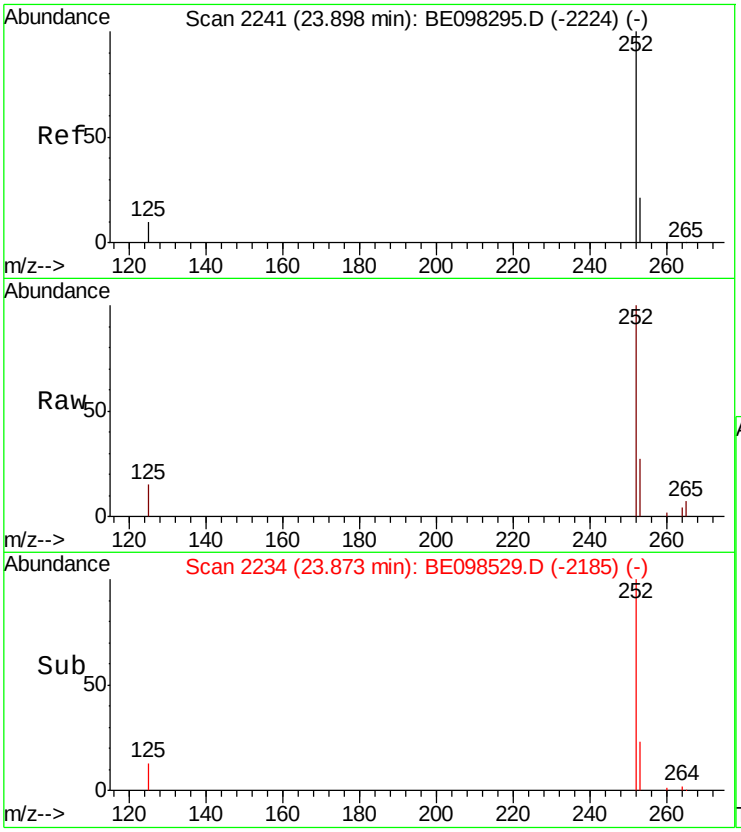


#36
Benzo(k)fluoranthene
Concen: 0.503 ng
RT: 23.26 min Scan# 2061
Delta R.T. -0.03 min
Lab File: BE098529.D
Acq: 19 Dec 2018 15:16

Tgt Ion:252 Resp: 10978

Ion	Ratio	Lower	Upper
252	100		
253	23.6	19.0	28.6
125	10.0	9.1	13.7



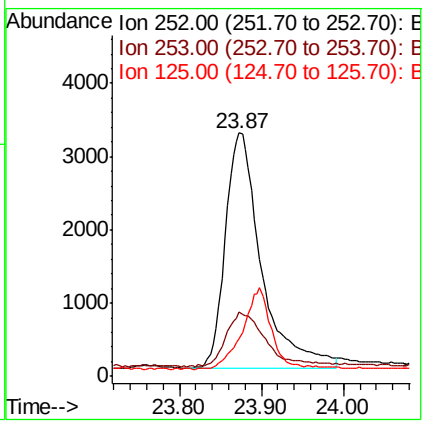


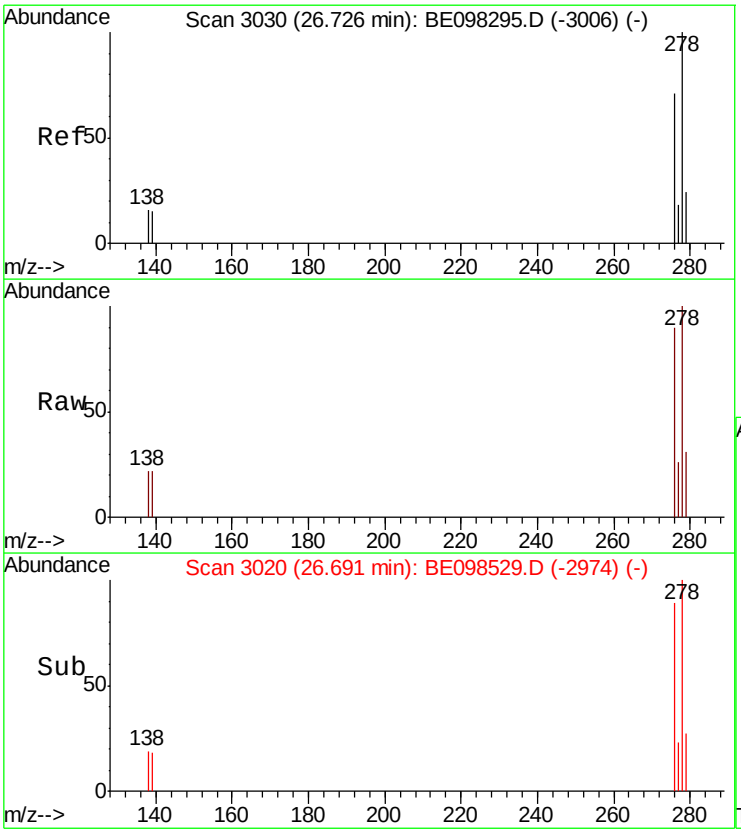
#37
Benzo(a)pyrene
Concen: 0.509 ng
RT: 23.87 min Scan# 2234
Delta R.T. -0.03 min
Lab File: BE098529.D
Acq: 19 Dec 2018 15:16

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 9840

Ion	Ratio	Lower	Upper
252	100		
253	26.6	20.6	30.8
125	15.3	10.5	15.7

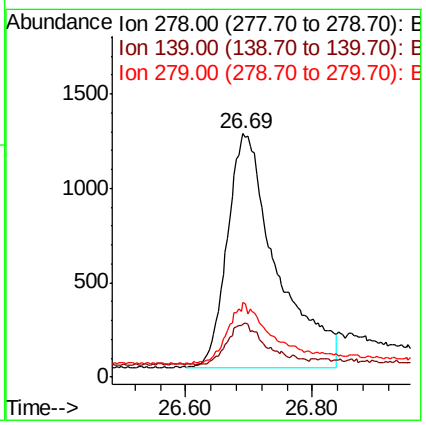


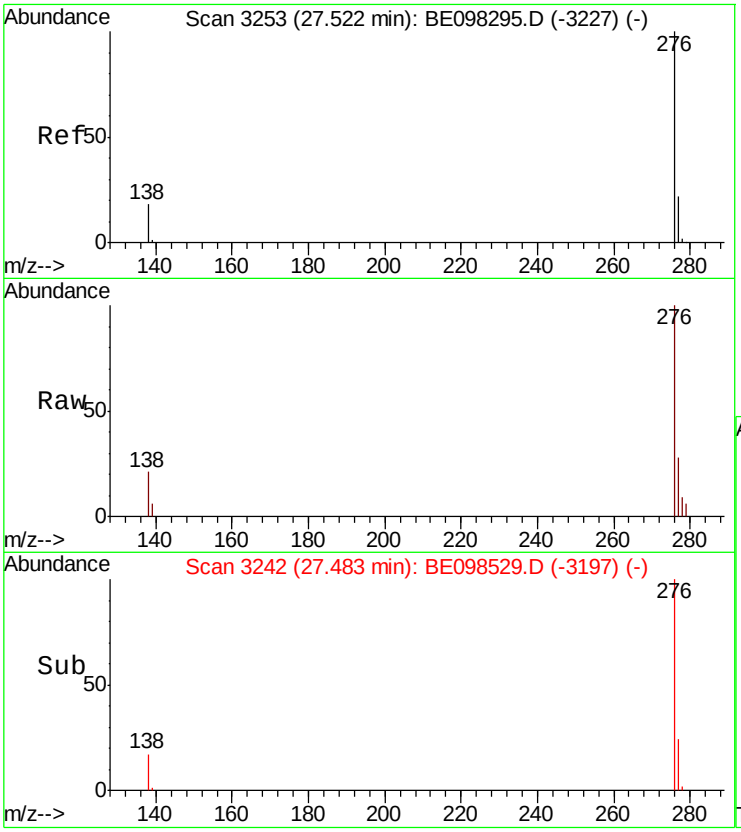


#38
Dibenzo(a,h)anthracene
Concen: 0.366 ng
RT: 26.69 min Scan# 3020
Delta R.T. -0.04 min
Lab File: BE098529.D
Acq: 19 Dec 2018 15:16

Tgt Ion:278 Resp: 6665

Ion	Ratio	Lower	Upper
278	100		
139	22.0	14.5	21.7#
279	30.7	21.8	32.8





#39
Benzo(g,h,i)perylene
Concen: 0.328 ng
RT: 27.48 min Scan# 3242
Delta R.T. -0.04 min
Lab File: BE098529.D
Acq: 19 Dec 2018 15:16

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 6011

Ion	Ratio	Lower	Upper
276	100		
277	27.5	20.8	31.2
138	20.7	15.8	23.6