Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE121918\
Data File : BE098522.D
Acq On : 19 Dec 2018 9:41
Operator : SJ/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Dec 19 11:01:10 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	1345	0.40	ng		-0.01
7) Naphthalene-d8	10.65	136	6648	0.40	ng		-0.01
13) Acenaphthene-d10	14.51	164	4186	0.40	ng		-0.01
19) Phenanthrene-d10	17.26	188	9758	0.40	ng		-0.02
27) Chrysene-d12	21.45	240	11176	0.40	ng		-0.01
34) Perylene-d12	23.99	264	10496	0.40	ng		-0.03
System Monitoring Compounds							
4) 2-Fluorophenol	5.45	112	1258	0.40	ng		0.00
5) Phenol-d6	7.04	99	2155	0.48	ng		-0.01
8) Nitrobenzene-d5	9.02	82	2103	0.35	ng		0.00
11) 2-Methylnaphthalene-d10	12.25	152	4350	0.40	ng		-0.01
14) 2,4,6-Tribromophenol	16.01	330	573	0.37	ng		-0.01
15) 2-Fluorobiphenyl	13.13	172	6898	0.39	ng		-0.01
25) Fluoranthene-d10	19.30	212	48404	0.39	ng		-0.01
29) Terphenyl-d14	19.89	244	9577	0.35	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.36	88	809	0.348	ng		88
3) n-Nitrosodimethylamine	3.70	42	522	0.249	ng	#	100
6) bis(2-Chloroethyl)ether	7.28	93	1515	0.358	ng		88
9) Naphthalene	10.69	128	27088	0.405	ng		100
10) Hexachlorobutadiene	10.98	225	1697	0.398	ng		98
12) 2-Methylnaphthalene	12.32	142	4397	0.405	ng		99
16) Acenaphthylene	14.23	152	7122	0.363	ng		99
17) Acenaphthene	14.57	154	4667	0.396	ng		99
18) Fluorene	15.56	166	5997	0.380	ng		99
20) 4-Bromophenyl-phenylether	16.45	248	2105	0.401	ng	#	89
21) Hexachlorobenzene	16.57	284	2447	0.433	ng		97
22) Pentachlorophenol	16.93	266	365	0.402	ng		99
23) Phenanthrene	17.30	178	9290	0.392	ng		100
24) Anthracene	17.40	178	7616	0.360	ng		99
26) Fluoranthene	19.32	202	11949	0.381	ng		98
28) Pyrene	19.69	202	12749	0.364	ng		99
30) Benzo(a)anthracene	21.43	228	11988	0.377	ng		98
31) Chrysene	21.49	228	12681	0.380	ng		99
32) Bis(2-ethylhexyl)phthalate	21.35	149	20629	0.319	ng		99
33) Indeno(1,2,3-cd)pyrene	26.67	276	9322	0.281	ng		99
35) Benzo(b)fluoranthene	23.21	252	11093	0.386	ng		98
36) Benzo(k)fluoranthene	23.26	252	13813	0.413	ng		98
37) Benzo(a)pyrene	23.88	252	11558	0.390	ng		97
38) Dibenzo(a,h)anthracene	26.69	278	8037	0.288	ng	#	90
39) Benzo(g,h,i)perylene	27.49	276	7396	0.263	ng		99

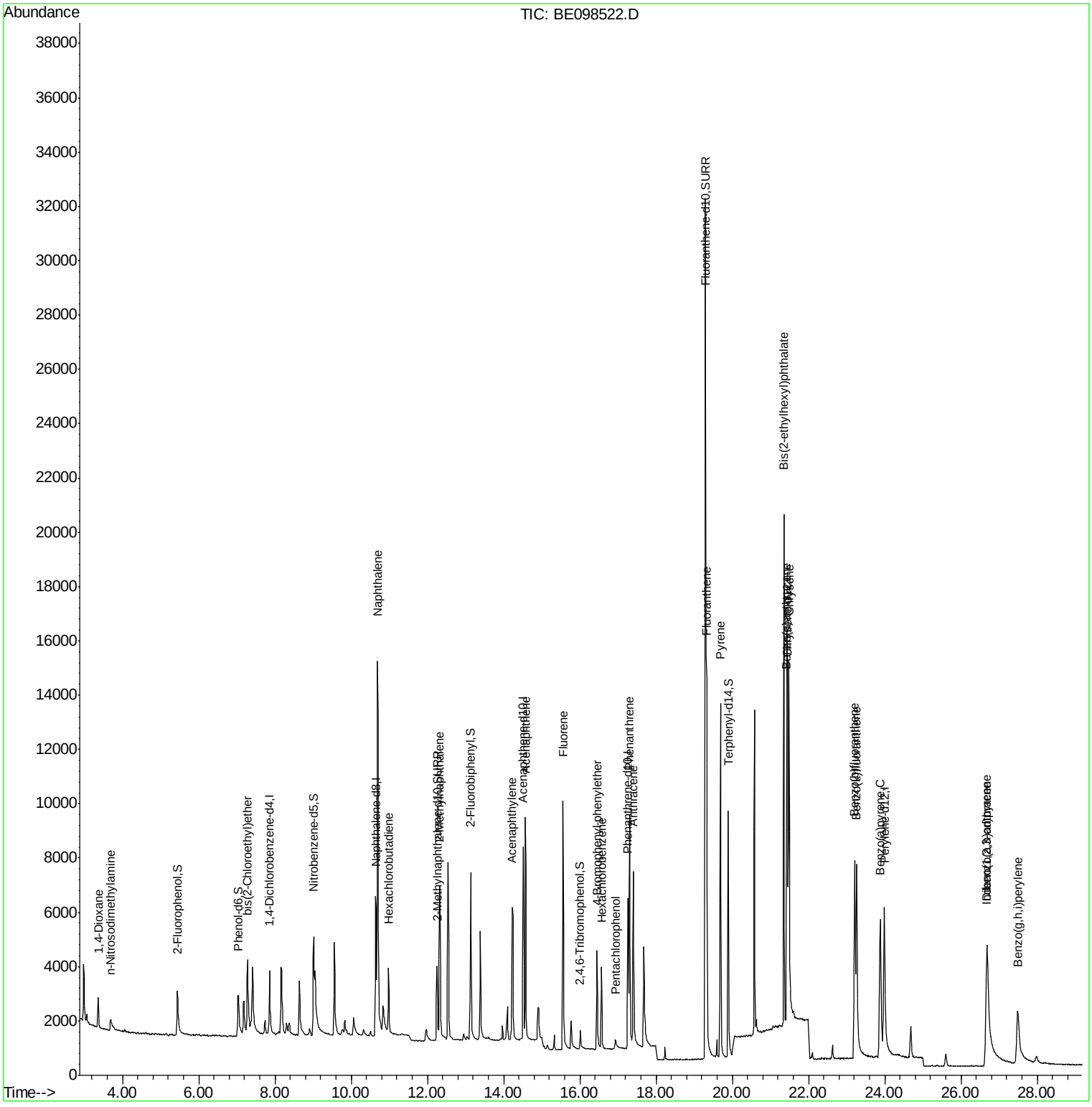
(#) = qualifier out of range (m) = manual integration (+) = signals summed

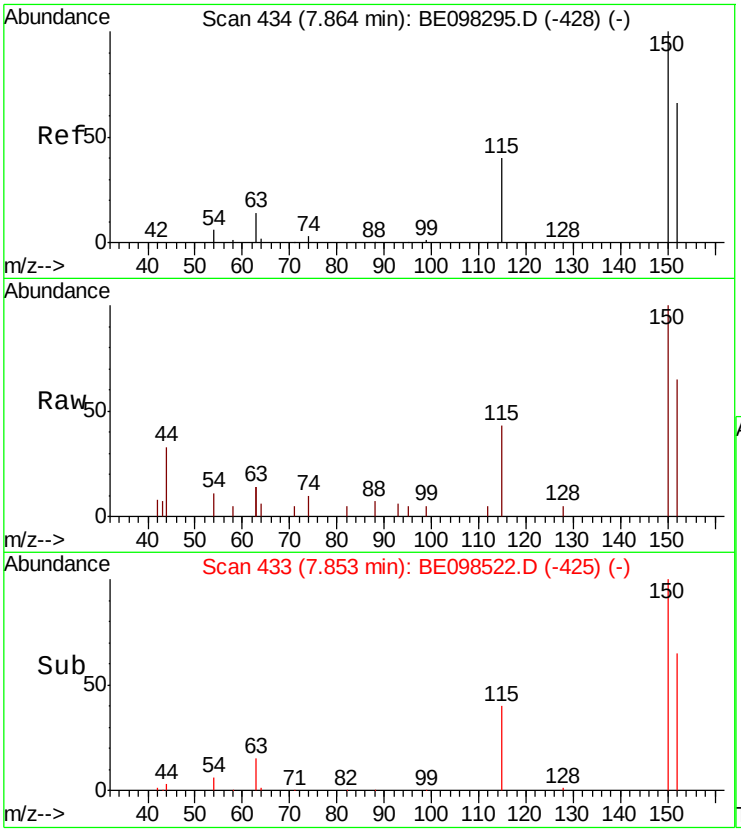
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE121918\
Data File : BE098522.D
Acq On : 19 Dec 2018 9:41
Operator : SJ/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Dec 19 11:01:10 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



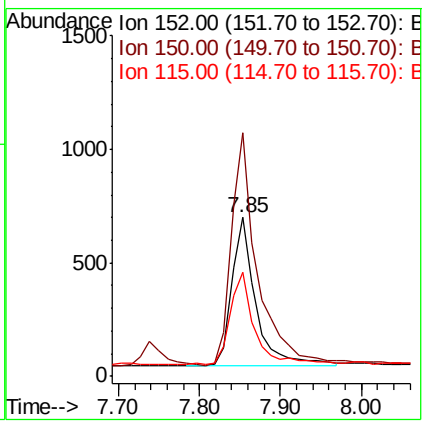


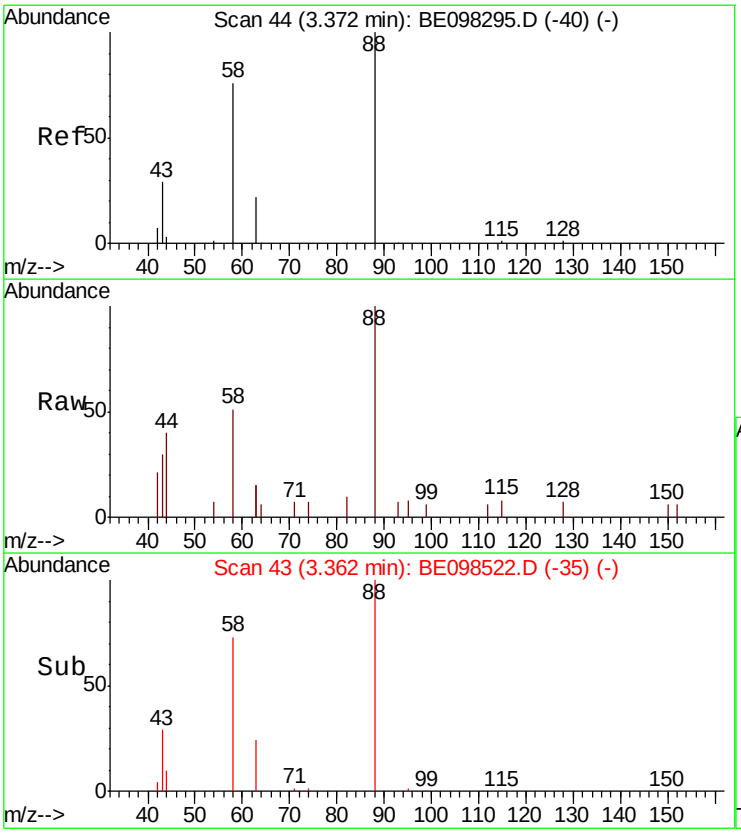
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.85 min Scan# 433
Delta R.T. -0.01 min
Lab File: BE098522.D
Acq: 19 Dec 2018 9:41

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 1345

Ion	Ratio	Lower	Upper
152	100		
150	153.3	124.2	186.4
115	65.3	53.9	80.9

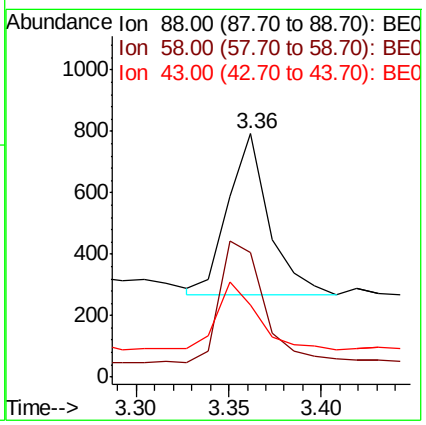


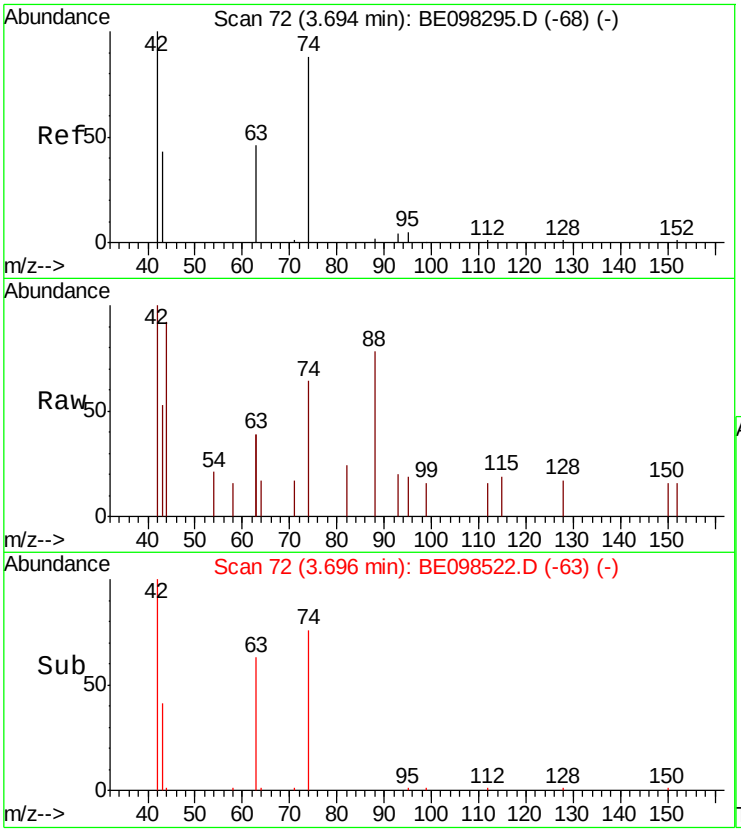


#2
1,4-Dioxane
Concen: 0.348 ng
RT: 3.36 min Scan# 43
Delta R.T. -0.01 min
Lab File: BE098522.D
Acq: 19 Dec 2018 9:41

Tgt Ion: 88 Resp: 809

Ion	Ratio	Lower	Upper
88	100		
58	81.1	75.0	112.6
43	41.7	38.3	57.5



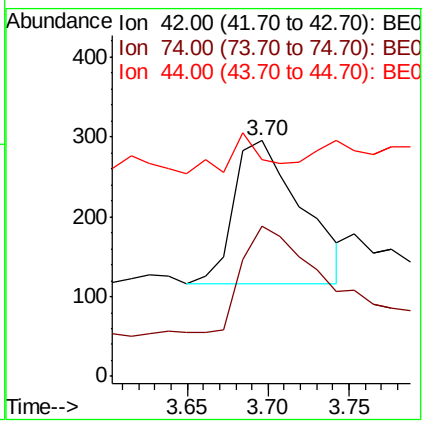


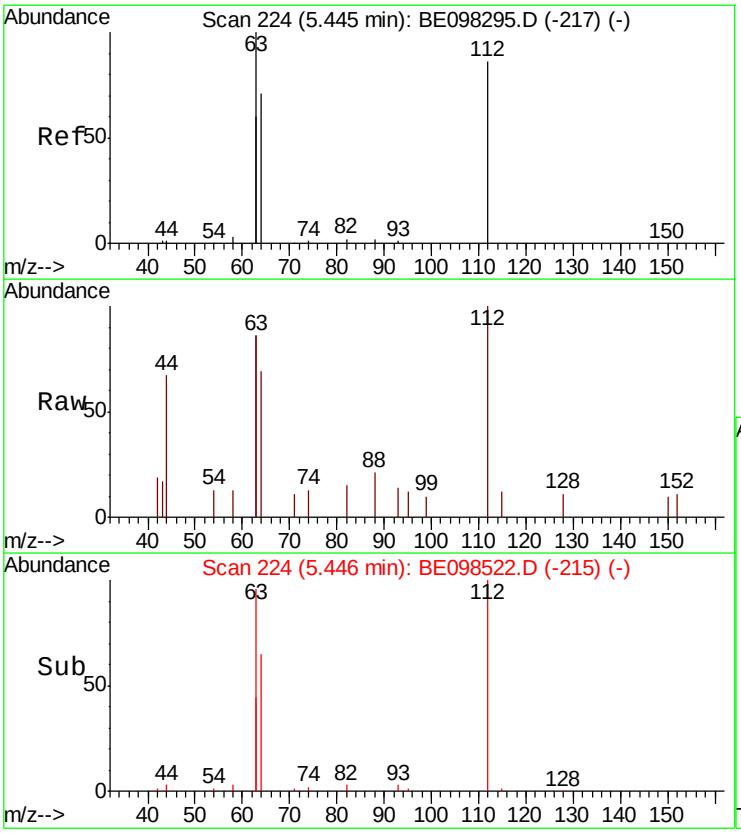
#3
n-Nitrosodimethylamine
Concen: 0.249 ng
RT: 3.70 min Scan# 72
Delta R.T. 0.00 min
Lab File: BE098522.D
Acq: 19 Dec 2018 9:41

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 42 Resp: 522

Ion	Ratio	Lower	Upper
42	100		
74	81.6	0.0	0.0#
44	13.2	0.0	0.0#

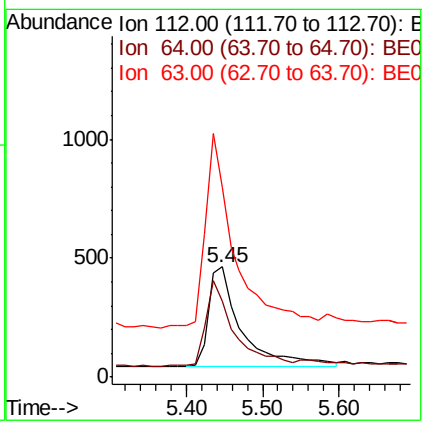


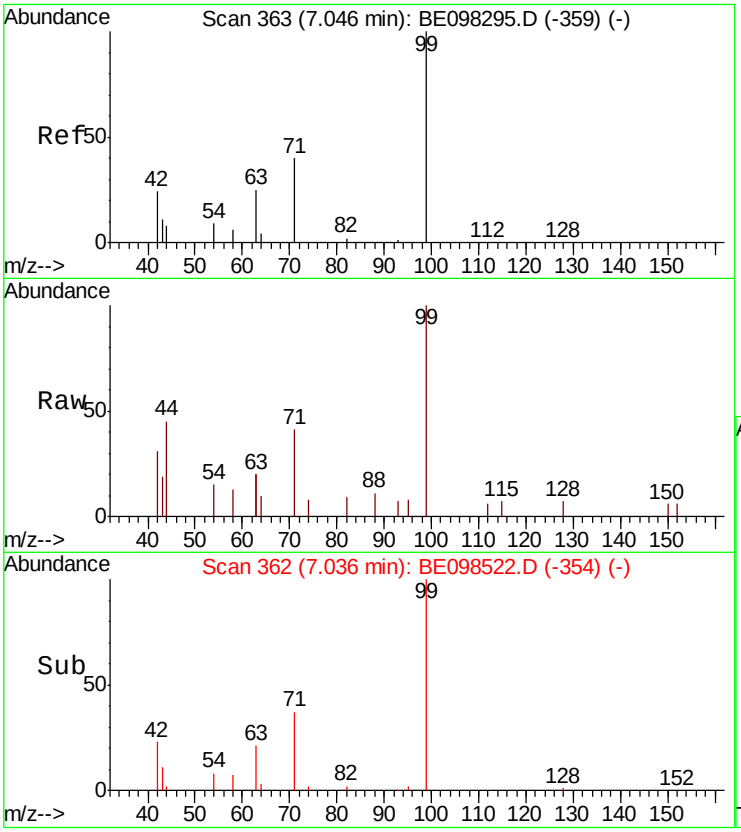


#4
2-Fluorophenol
Concen: 0.400 ng
RT: 5.45 min Scan# 224
Delta R.T. 0.00 min
Lab File: BE098522.D
Acq: 19 Dec 2018 9:41

Tgt Ion:112 Resp: 1258

Ion	Ratio	Lower	Upper
112	100		
64	73.2	59.8	89.8
63	174.0	133.7	200.5



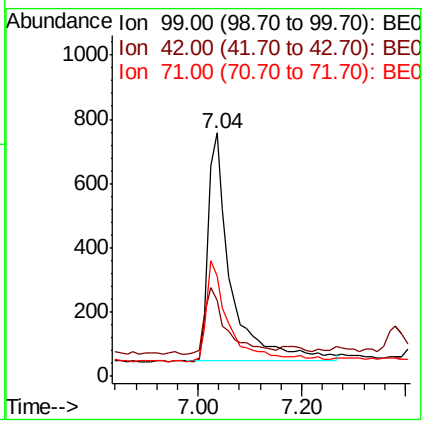


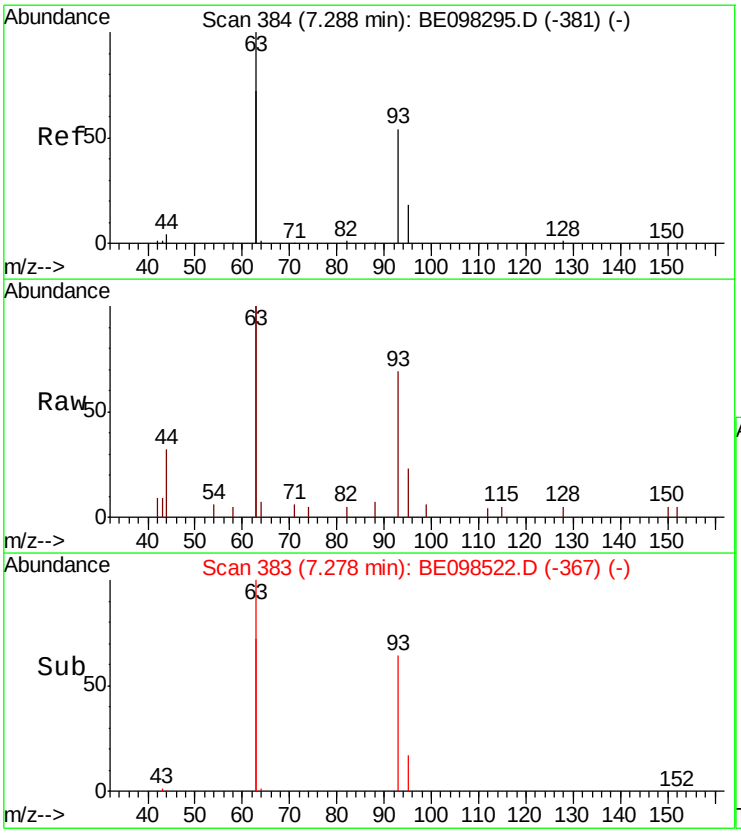
#5
Phenol-d6
Concen: 0.483 ng
RT: 7.04 min Scan# 362
Delta R.T. -0.01 min
Lab File: BE098522.D
Acq: 19 Dec 2018 9:41

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 99 Resp: 2155

Ion	Ratio	Lower	Upper
99	100		
42	29.4	26.3	39.5
71	41.3	33.6	50.4

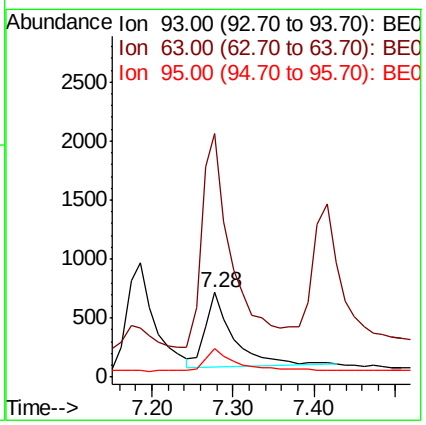


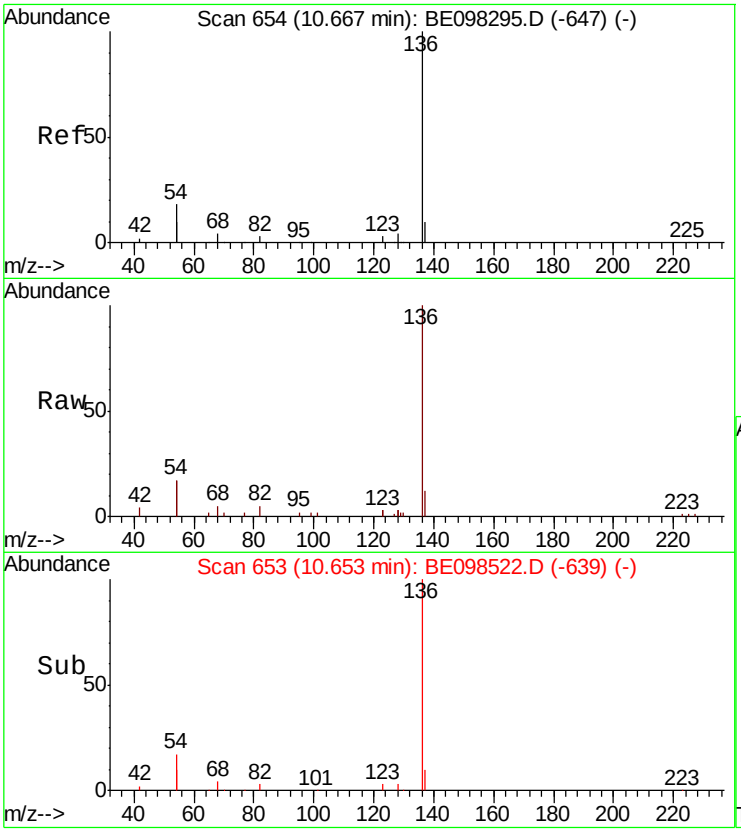


#6
bis(2-Chloroethyl)ether
Concen: 0.358 ng
RT: 7.28 min Scan# 383
Delta R.T. -0.01 min
Lab File: BE098522.D
Acq: 19 Dec 2018 9:41

Tgt Ion: 93 Resp: 1515

Ion	Ratio	Lower	Upper
93	100		
63	303.0	264.4	396.6
95	33.6	26.6	40.0



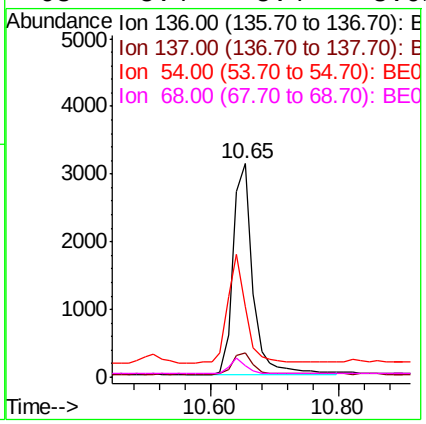


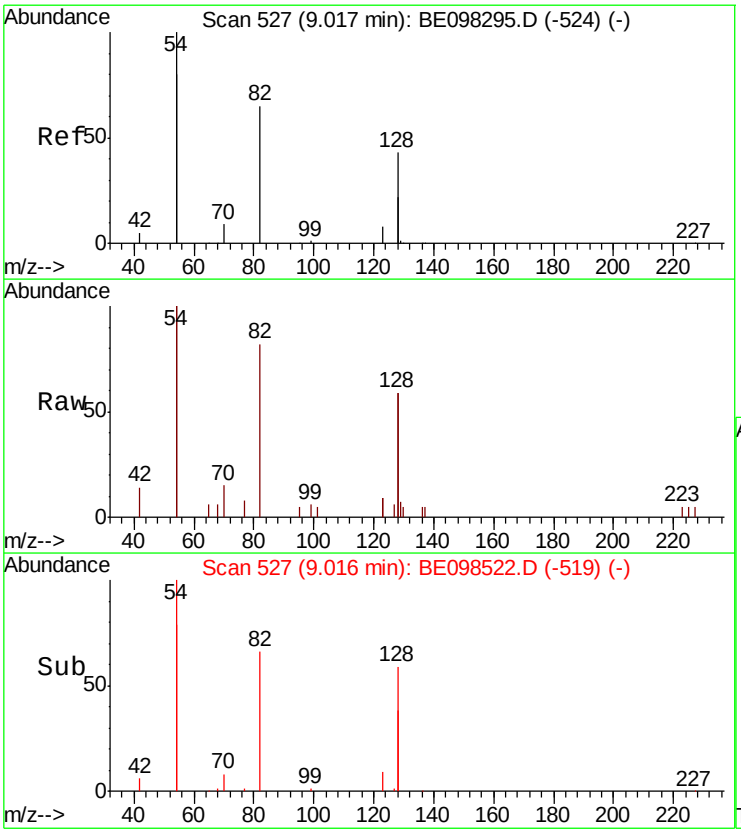
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.65 min Scan# 653
Delta R.T. -0.01 min
Lab File: BE098522.D
Acq: 19 Dec 2018 9:41

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:136 Resp: 6648

Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.2	13.8
54	33.1	28.4	42.6
68	5.4	5.4	8.0#

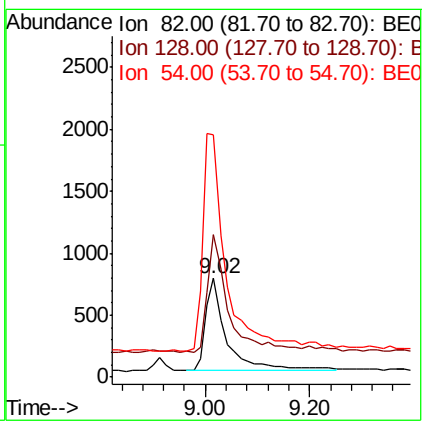


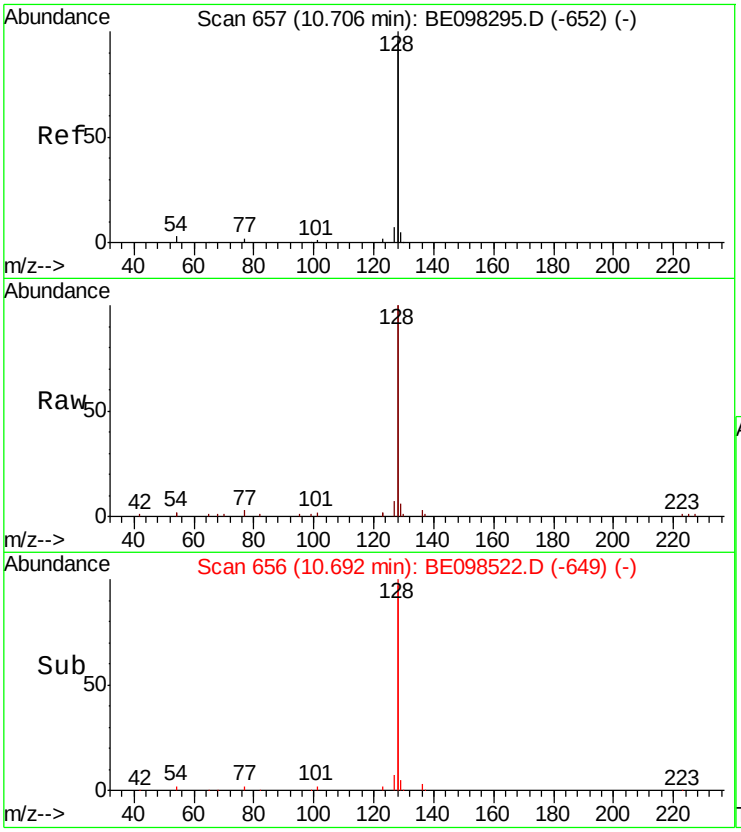


#8
Nitrobenzene-d5
Concen: 0.348 ng
RT: 9.02 min Scan# 527
Delta R.T. -0.00 min
Lab File: BE098522.D
Acq: 19 Dec 2018 9:41

Tgt Ion: 82 Resp: 2103

Ion	Ratio	Lower	Upper
82	100		
128	144.6	102.4	153.6
54	244.9	221.8	332.8

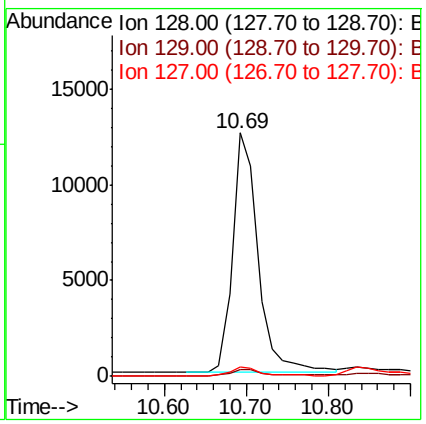




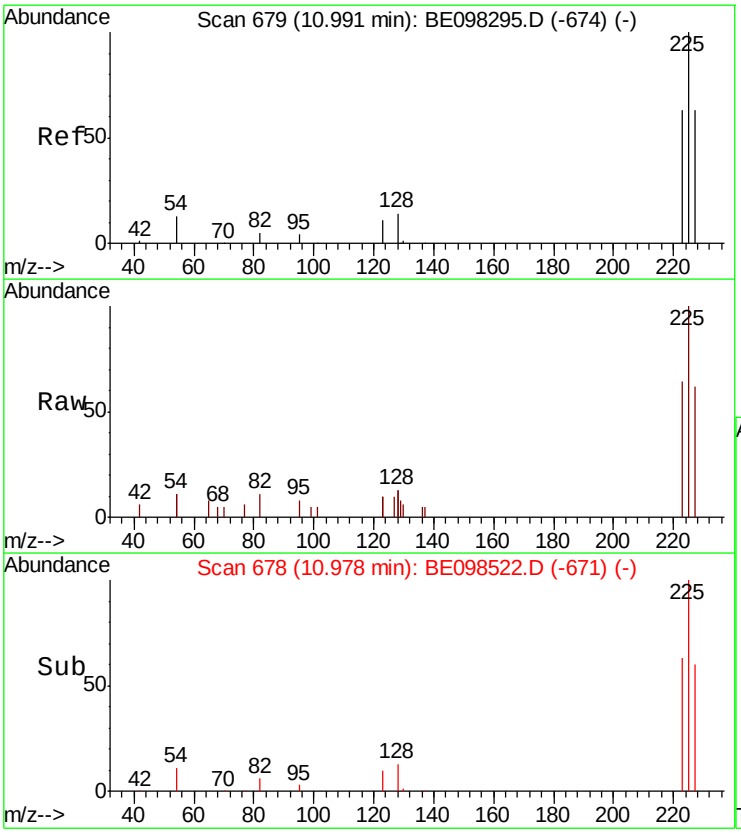
#9
Naphthalene
Concen: 0.405 ng
RT: 10.69 min Scan# 656
Delta R.T. -0.01 min
Lab File: BE098522.D
Acq: 19 Dec 2018 9:41

Tgt Ion:128 Resp: 27088

Ion	Ratio	Lower	Upper
128	100		
129	3.0	2.5	3.7
127	3.6	2.7	4.1



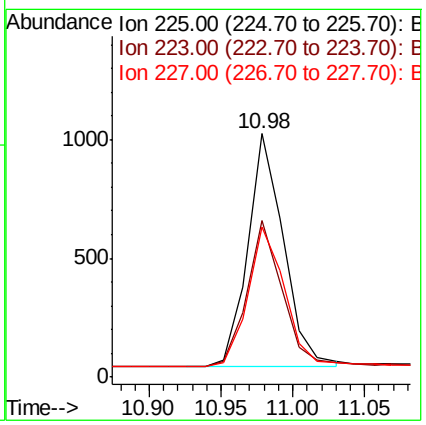
Instrument :
BNA_E
ClientSampleId :

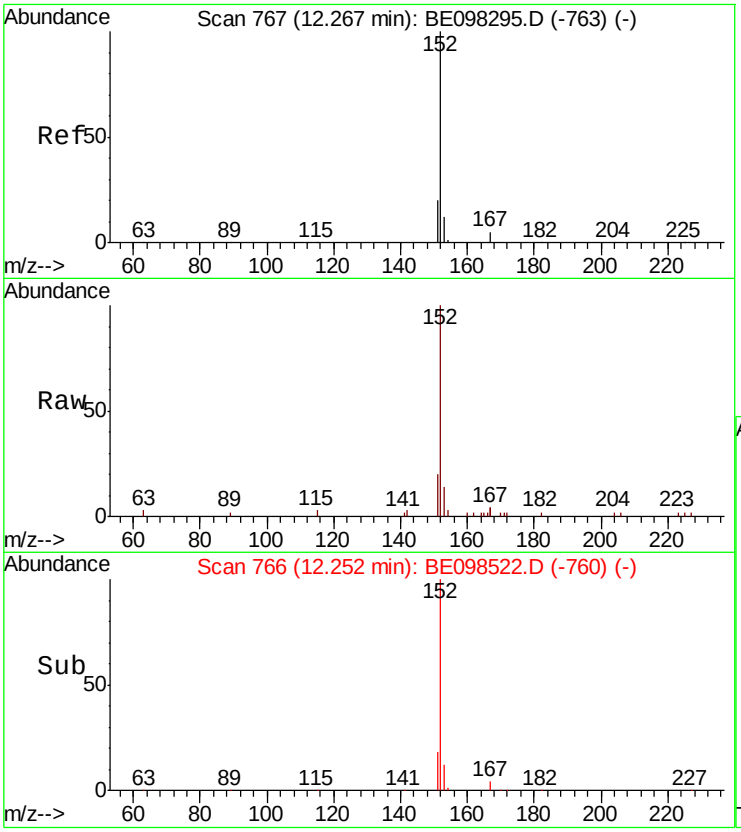


#10
Hexachlorobutadiene
Concen: 0.398 ng
RT: 10.98 min Scan# 678
Delta R.T. -0.01 min
Lab File: BE098522.D
Acq: 19 Dec 2018 9:41

Tgt Ion:225 Resp: 1697

Ion	Ratio	Lower	Upper
225	100		
223	61.1	49.4	74.0
227	62.1	52.0	78.0



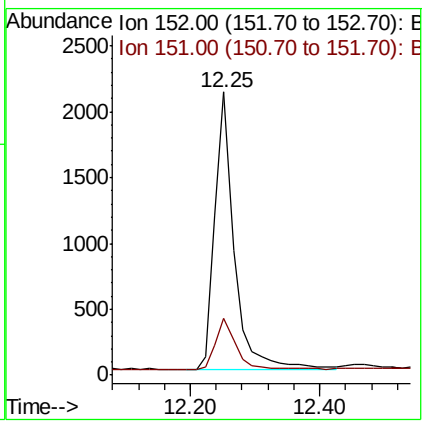


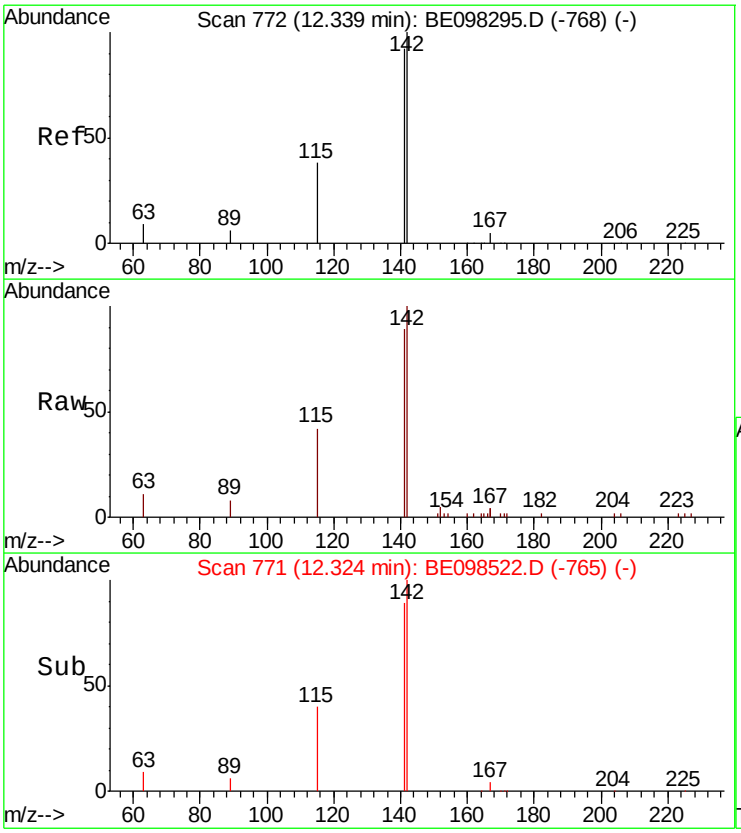
#11
2-Methylnaphthalene-d10
Concen: 0.402 ng
RT: 12.25 min Scan# 766
Delta R.T. -0.01 min
Lab File: BE098522.D
Acq: 19 Dec 2018 9:41

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 4350

Ion	Ratio	Lower	Upper
152	100		
151	19.9	16.2	24.4

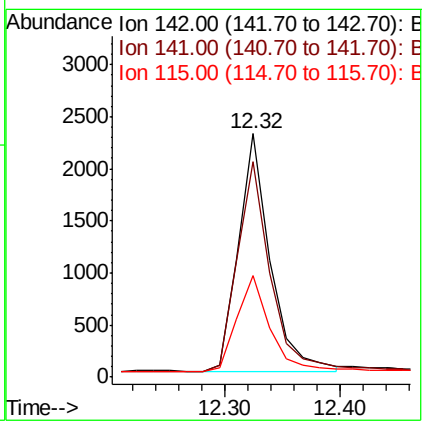


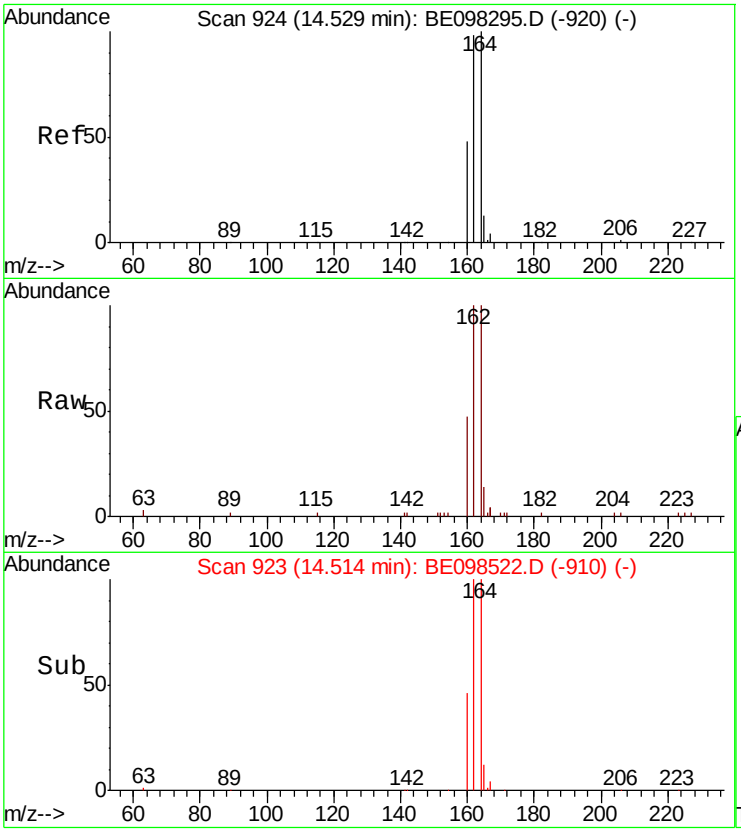


#12
2-Methylnaphthalene
Concen: 0.405 ng
RT: 12.32 min Scan# 771
Delta R.T. -0.01 min
Lab File: BE098522.D
Acq: 19 Dec 2018 9:41

Tgt Ion:142 Resp: 4397

Ion	Ratio	Lower	Upper
142	100		
141	88.7	71.0	106.6
115	41.8	32.2	48.2



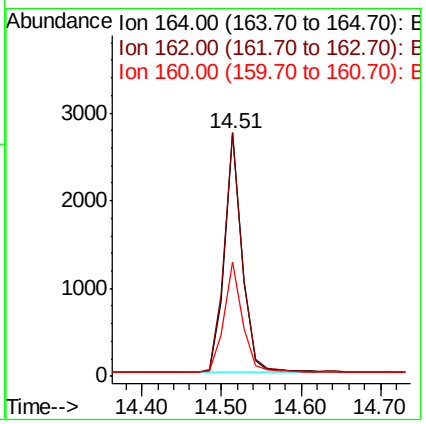


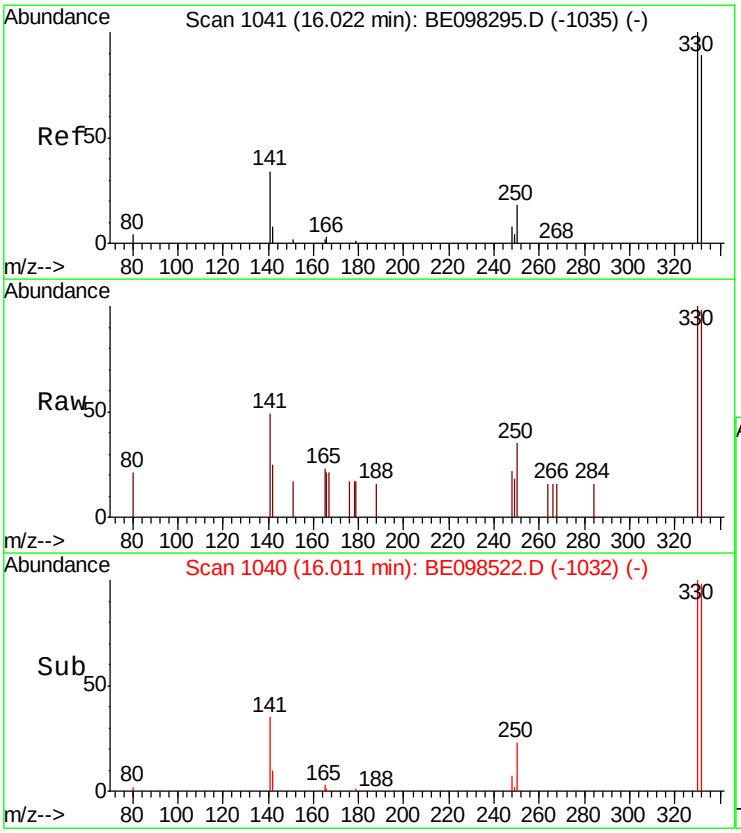
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.51 min Scan# 923
Delta R.T. -0.01 min
Lab File: BE098522.D
Acq: 19 Dec 2018 9:41

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:164 Resp: 4186

Ion	Ratio	Lower	Upper
164	100		
162	99.8	77.6	116.4
160	47.0	36.0	54.0

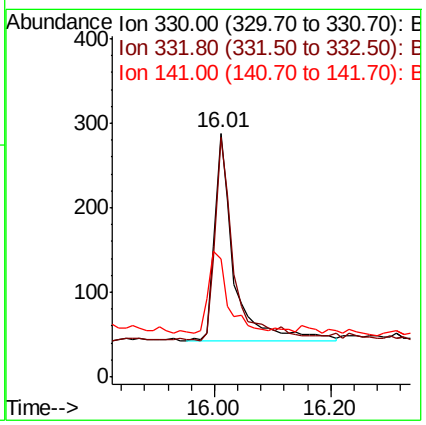


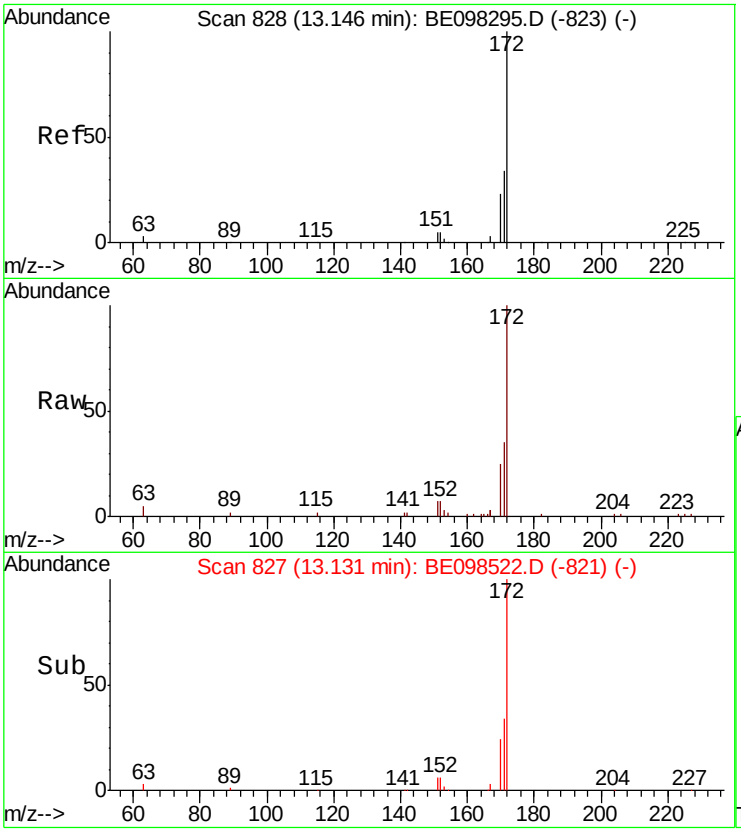


#14
2,4,6-Tribromophenol
Concen: 0.373 ng
RT: 16.01 min Scan# 1040
Delta R.T. -0.01 min
Lab File: BE098522.D
Acq: 19 Dec 2018 9:41

Tgt Ion:330 Resp: 573

Ion	Ratio	Lower	Upper
330	100		
332	92.5	76.2	114.4
141	39.1	39.0	58.4



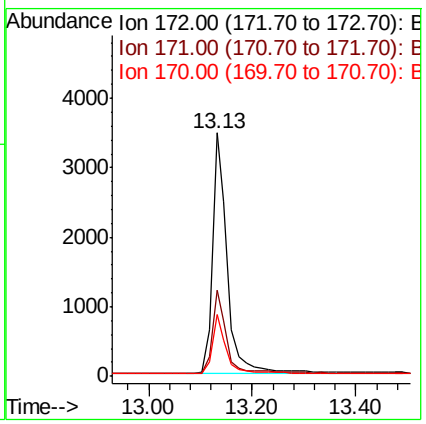


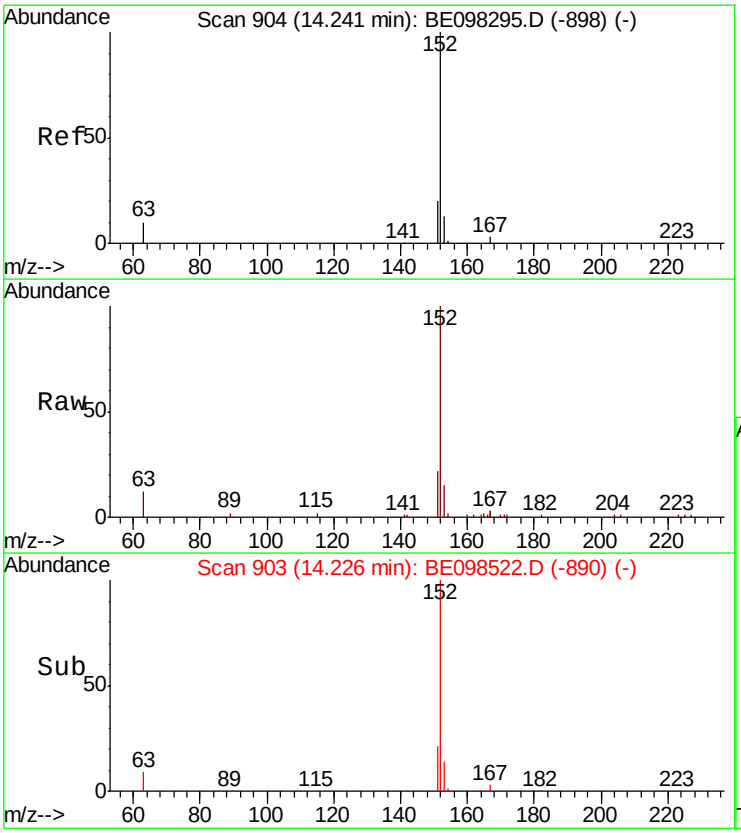
#15
2-Fluorobiphenyl
Concen: 0.391 ng
RT: 13.13 min Scan# 827
Delta R.T. -0.01 min
Lab File: BE098522.D
Acq: 19 Dec 2018 9:41

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:172 Resp: 6898

Ion	Ratio	Lower	Upper
172	100		
171	35.4	27.5	41.3
170	25.4	19.6	29.4

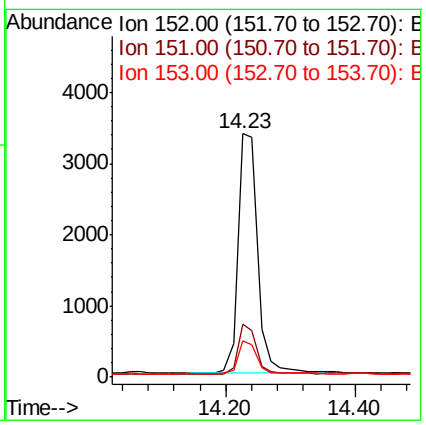


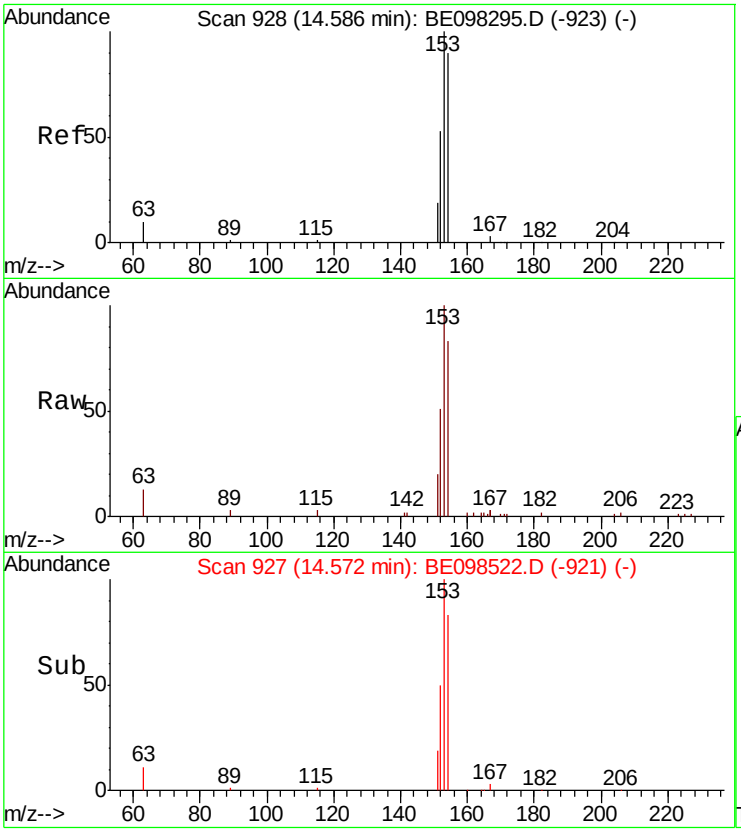


#16
Acenaphthylene
Concen: 0.363 ng
RT: 14.23 min Scan# 903
Delta R.T. -0.01 min
Lab File: BE098522.D
Acq: 19 Dec 2018 9:41

Tgt Ion:152 Resp: 7122

Ion	Ratio	Lower	Upper
152	100		
151	19.7	15.5	23.3
153	13.1	10.6	16.0



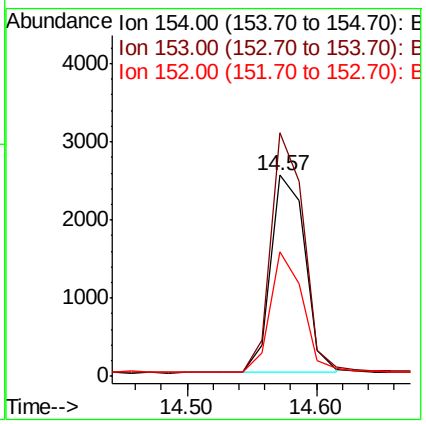


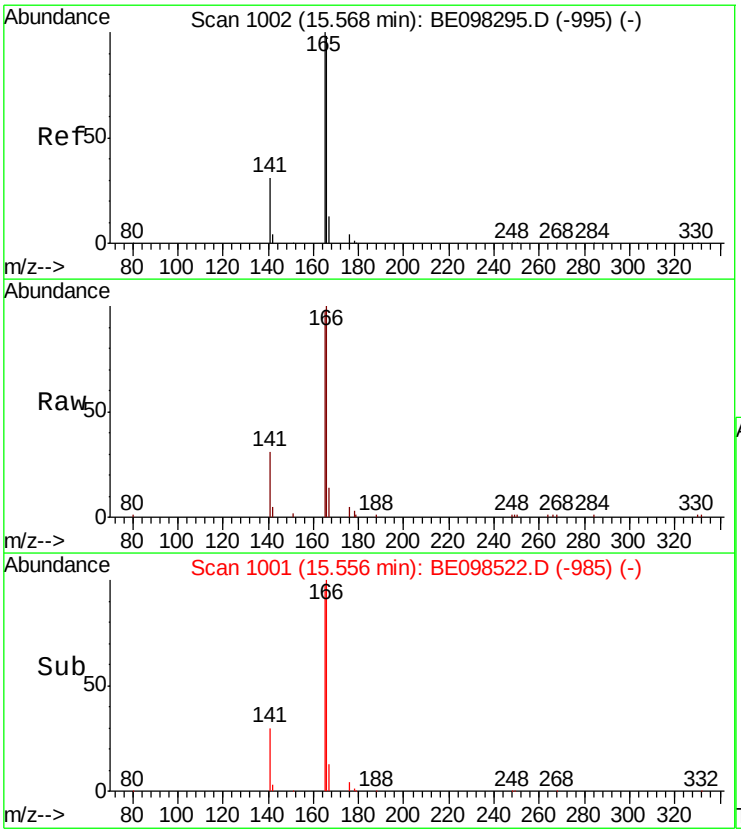
#17
Acenaphthene
Concen: 0.396 ng
RT: 14.57 min Scan# 927
Delta R.T. -0.01 min
Lab File: BE098522.D
Acq: 19 Dec 2018 9:41

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:154 Resp: 4667

Ion	Ratio	Lower	Upper
154	100		
153	116.1	91.8	137.6
152	57.8	45.5	68.3

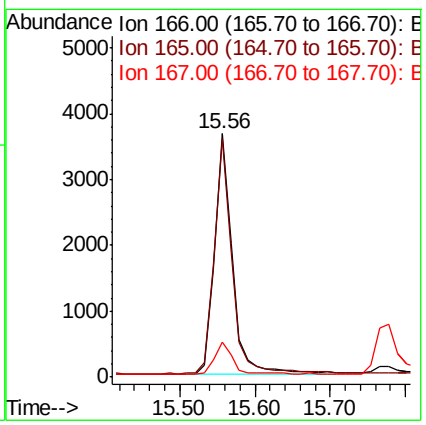


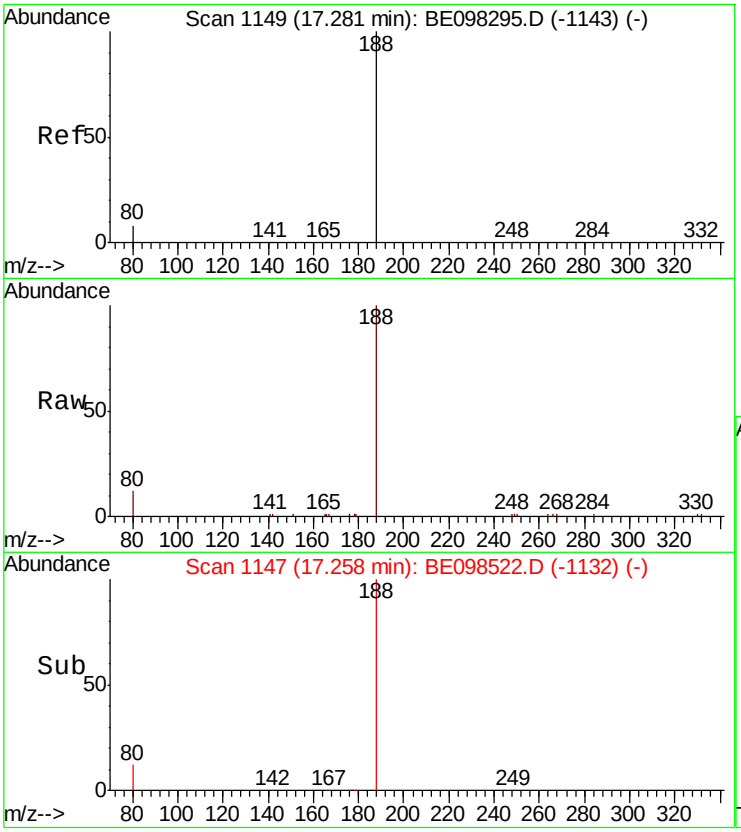


#18
Fluorene
Concen: 0.380 ng
RT: 15.56 min Scan# 1001
Delta R.T. -0.01 min
Lab File: BE098522.D
Acq: 19 Dec 2018 9:41

Tgt Ion:166 Resp: 5997

Ion	Ratio	Lower	Upper
166	100		
165	98.0	79.3	118.9
167	13.0	11.3	16.9



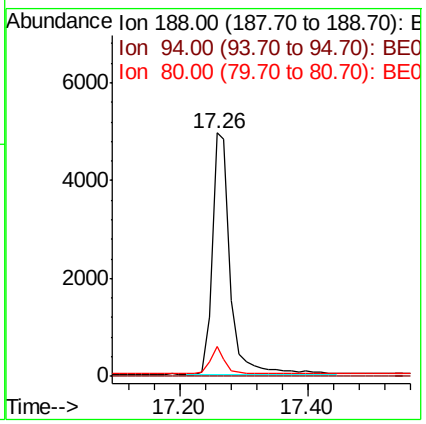


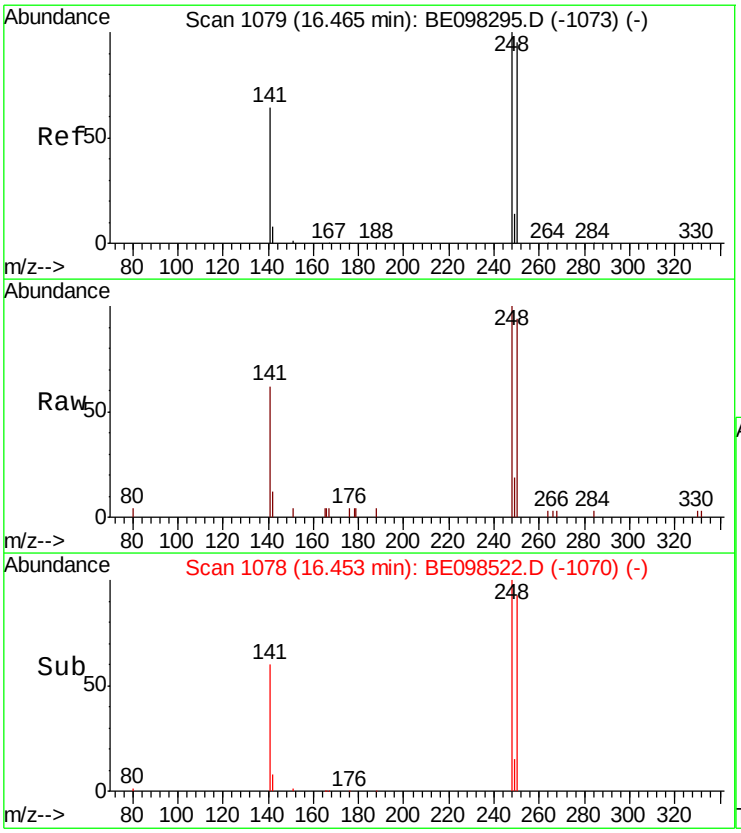
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.26 min Scan# 1147
Delta R.T. -0.02 min
Lab File: BE098522.D
Acq: 19 Dec 2018 9:41

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:188 Resp: 9758

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	12.5	7.2	10.8#

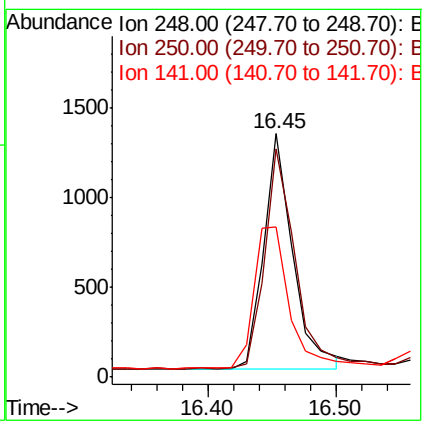


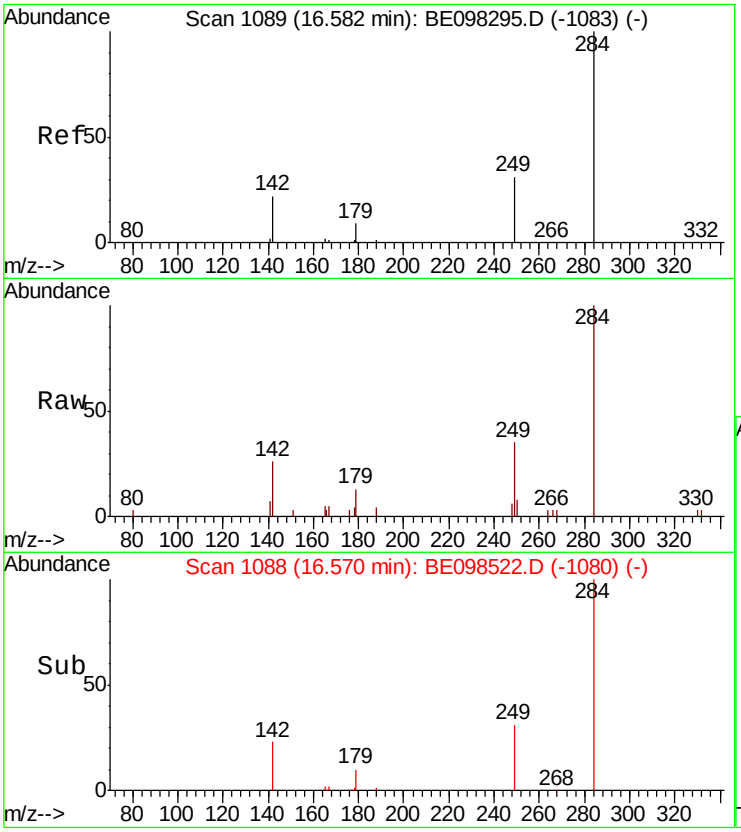


#20
4-Bromophenyl-phenylether
Concen: 0.401 ng
RT: 16.45 min Scan# 1078
Delta R.T. -0.01 min
Lab File: BE098522.D
Acq: 19 Dec 2018 9:41

Tgt Ion:248 Resp: 2105

Ion	Ratio	Lower	Upper
248	100		
250	93.8	71.0	106.6
141	61.8	62.1	93.1#



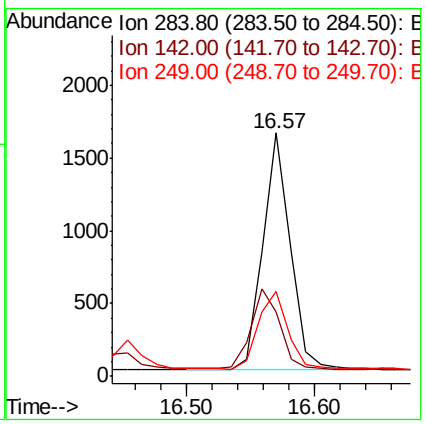


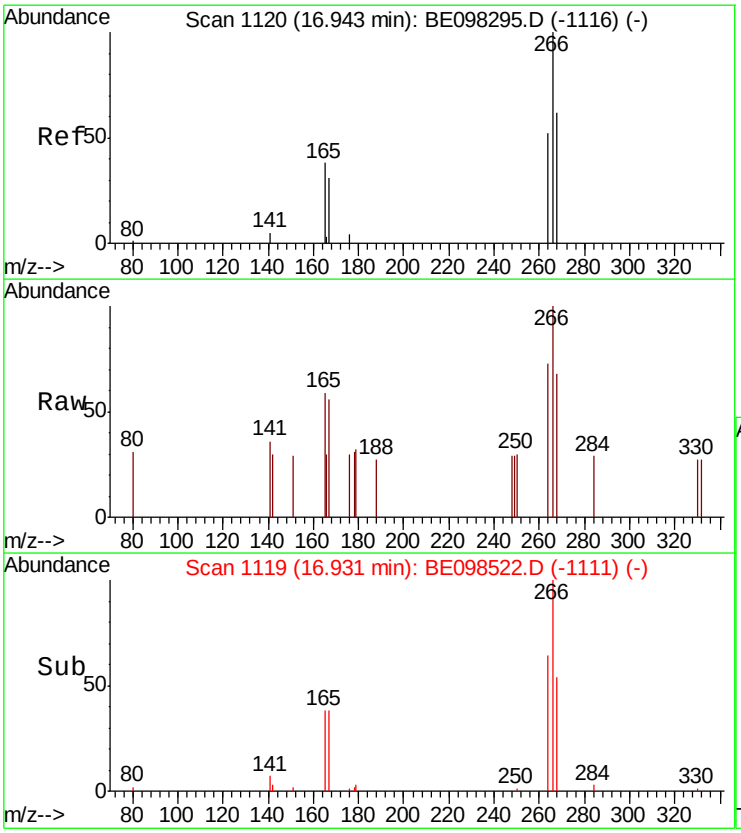
#21
Hexachlorobenzene
Concen: 0.433 ng
RT: 16.57 min Scan# 1088
Delta R.T. -0.01 min
Lab File: BE098522.D
Acq: 19 Dec 2018 9:41

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:284 Resp: 2447

Ion	Ratio	Lower	Upper
284	100		
142	34.5	26.3	39.5
249	34.1	26.0	39.0

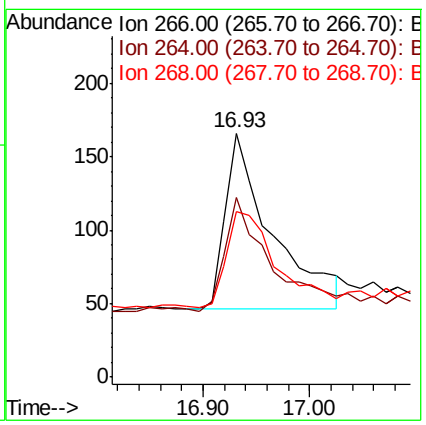


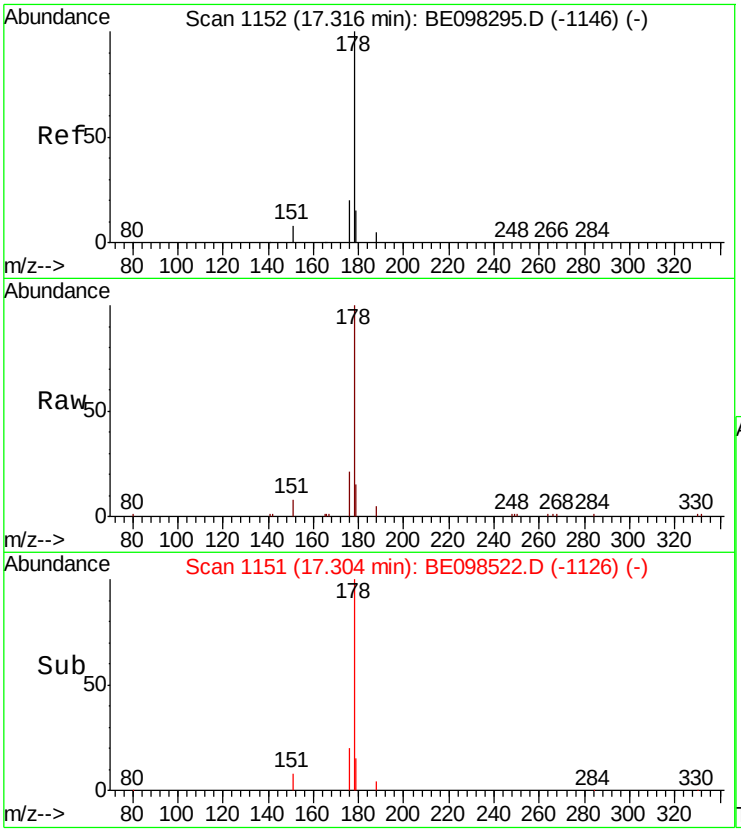


#22
Pentachlorophenol
Concen: 0.402 ng
RT: 16.93 min Scan# 1119
Delta R.T. -0.01 min
Lab File: BE098522.D
Acq: 19 Dec 2018 9:41

Tgt Ion:266 Resp: 365

Ion	Ratio	Lower	Upper
266	100		
264	73.5	59.0	88.4
268	68.1	55.1	82.7



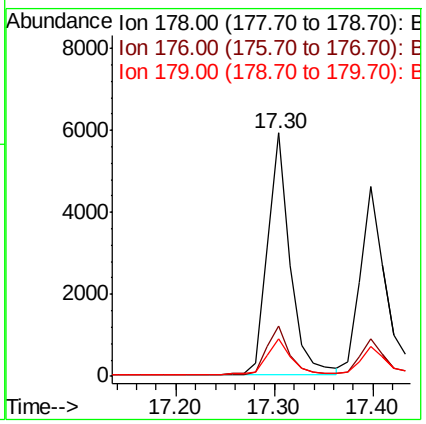


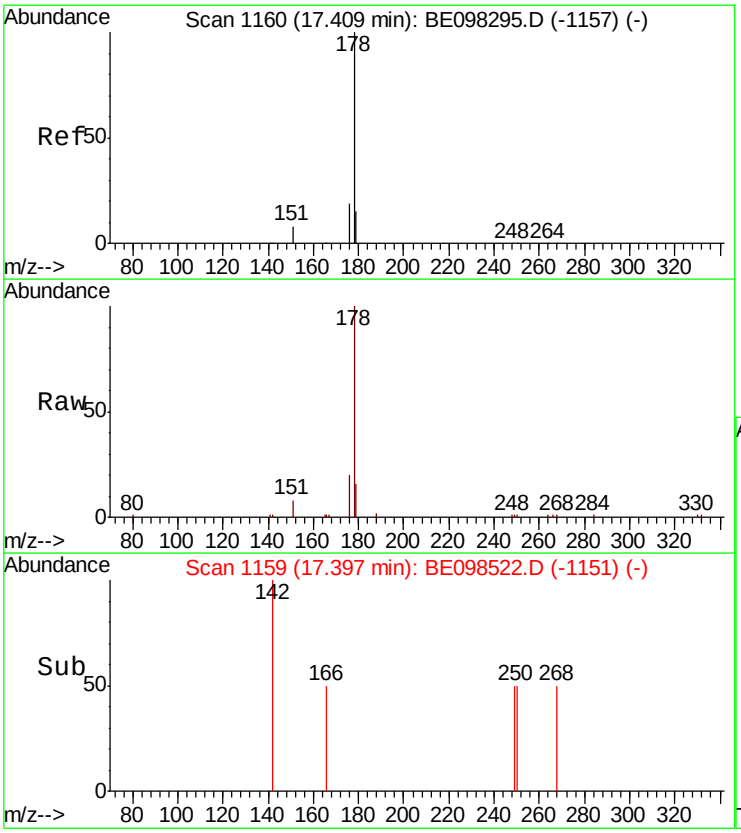
#23
Phenanthrene
Concen: 0.392 ng
RT: 17.30 min Scan# 1151
Delta R.T. -0.01 min
Lab File: BE098522.D
Acq: 19 Dec 2018 9:41

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 9290

Ion	Ratio	Lower	Upper
178	100		
176	19.9	15.9	23.9
179	15.7	12.3	18.5

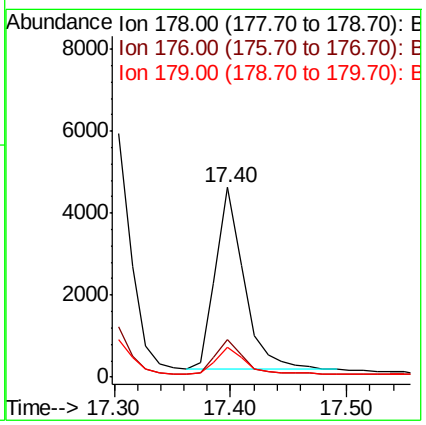


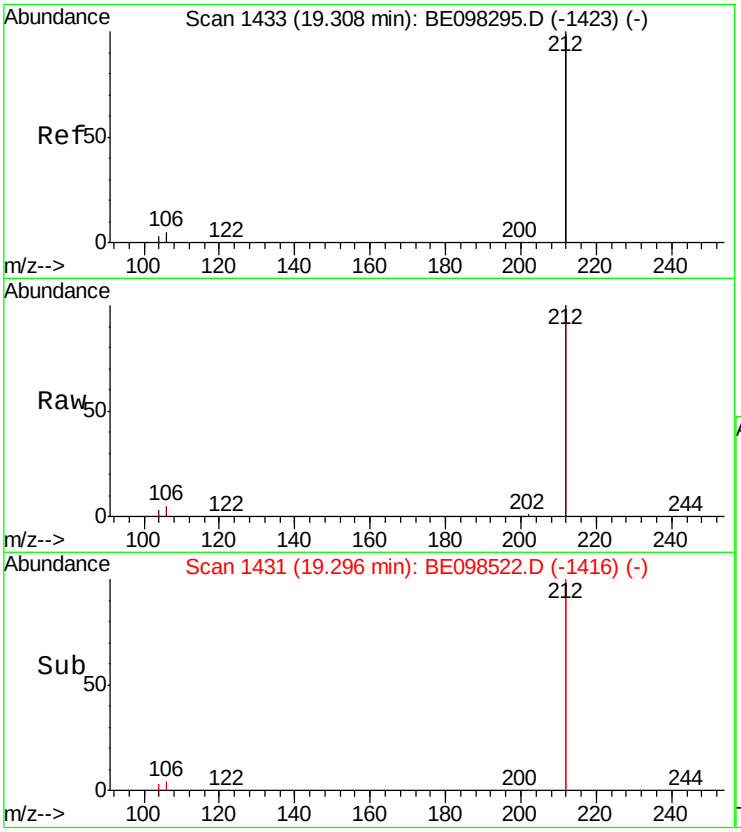


#24
Anthracene
Concen: 0.360 ng
RT: 17.40 min Scan# 1159
Delta R.T. -0.01 min
Lab File: BE098522.D
Acq: 19 Dec 2018 9:41

Tgt Ion:178 Resp: 7616

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



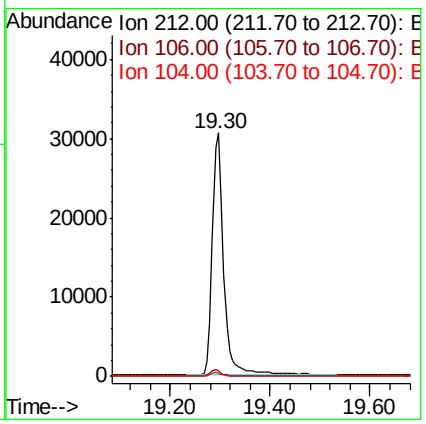


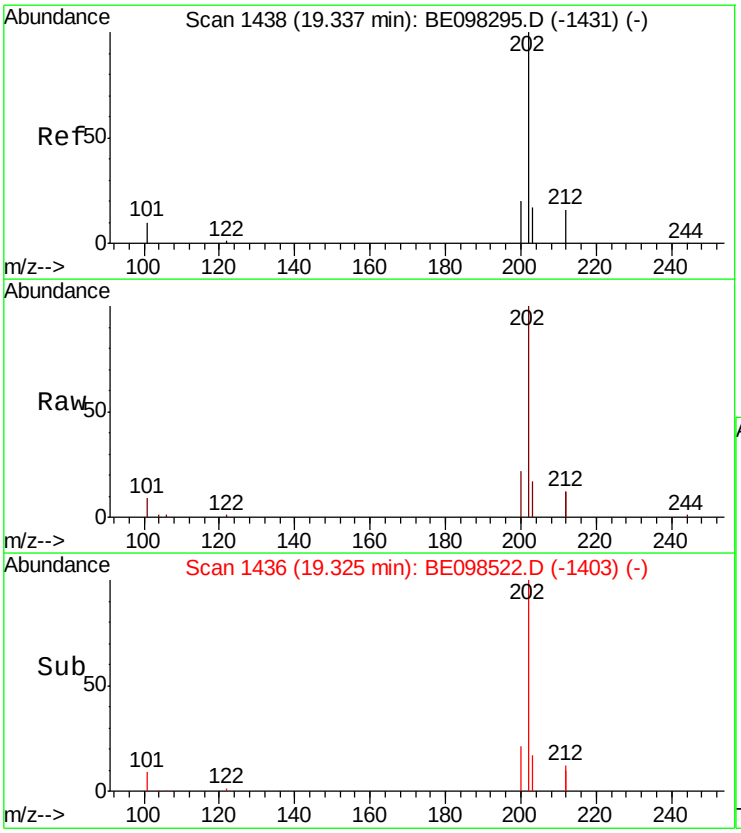
#25
Fluoranthene-d10
Concen: 0.387 ng
RT: 19.30 min Scan# 1431
Delta R.T. -0.01 min
Lab File: BE098522.D
Acq: 19 Dec 2018 9:41

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:212 Resp: 48404

Ion	Ratio	Lower	Upper
212	100		
106	2.4	2.2	3.2
104	1.4	1.3	1.9

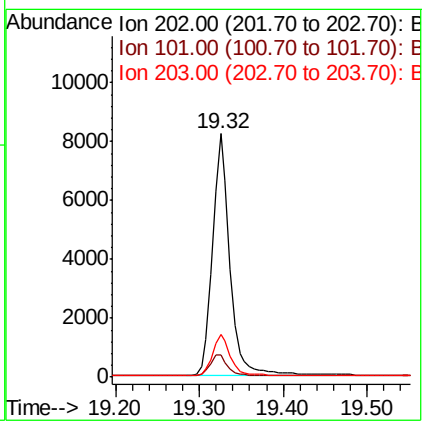


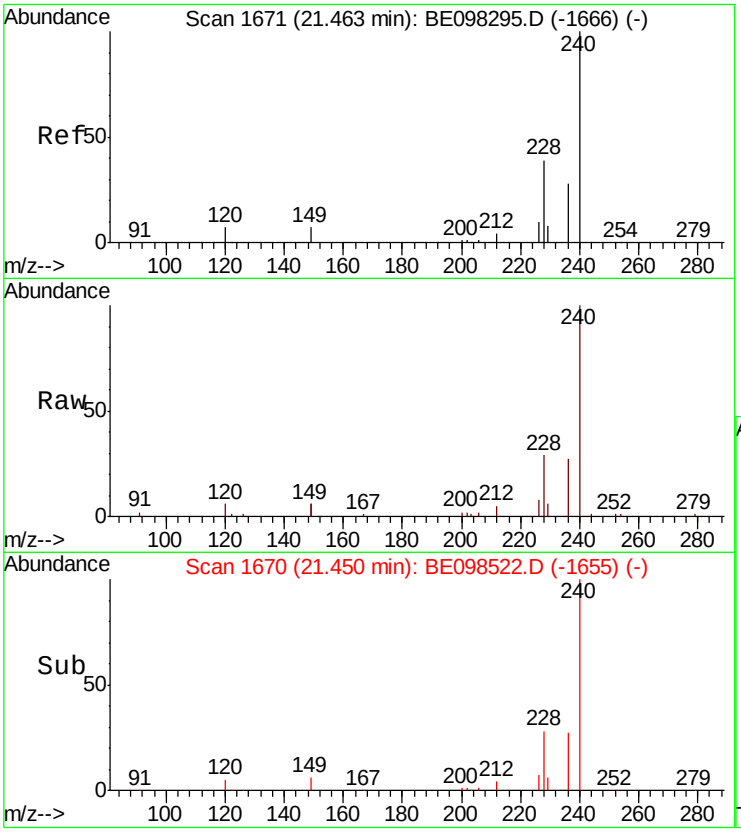


#26
Fluoranthene
Concen: 0.381 ng
RT: 19.32 min Scan# 1436
Delta R.T. -0.01 min
Lab File: BE098522.D
Acq: 19 Dec 2018 9:41

Tgt Ion:202 Resp: 11949

Ion	Ratio	Lower	Upper
202	100		
101	9.0	8.0	12.0
203	16.8	13.8	20.6



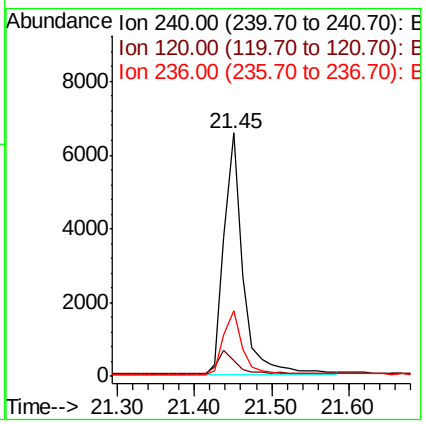


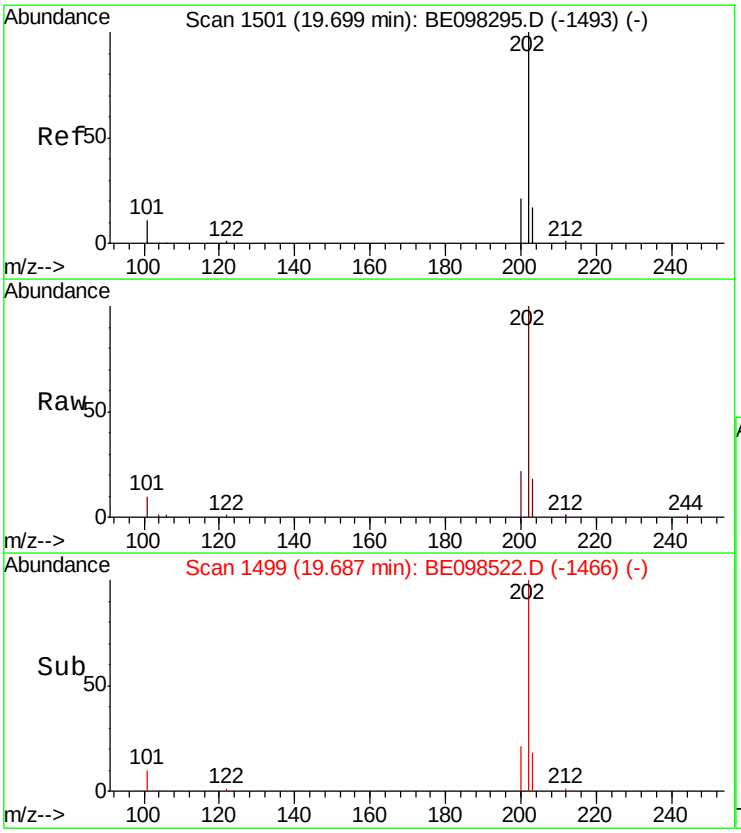
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.45 min Scan# 1670
Delta R.T. -0.01 min
Lab File: BE098522.D
Acq: 19 Dec 2018 9:41

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:240 Resp: 11176

Ion	Ratio	Lower	Upper
240	100		
120	6.3	9.5	14.3#
236	27.2	22.7	34.1

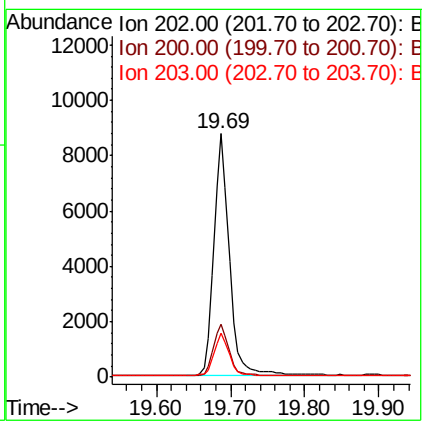


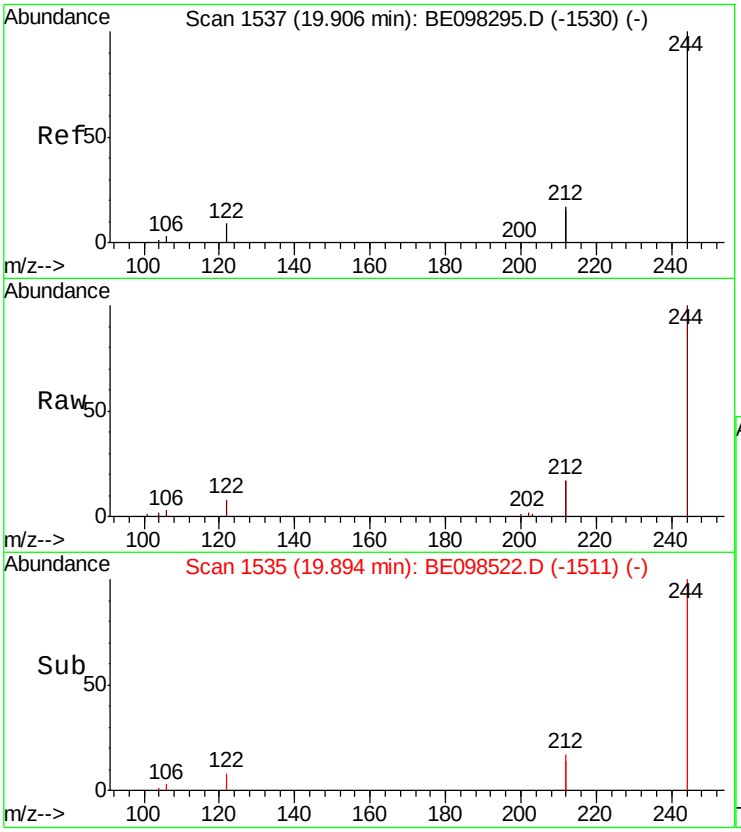


#28
Pyrene
Concen: 0.364 ng
RT: 19.69 min Scan# 1499
Delta R.T. -0.01 min
Lab File: BE098522.D
Acq: 19 Dec 2018 9:41

Tgt Ion:202 Resp: 12749

Ion	Ratio	Lower	Upper
202	100		
200	21.4	16.7	25.1
203	17.1	14.1	21.1



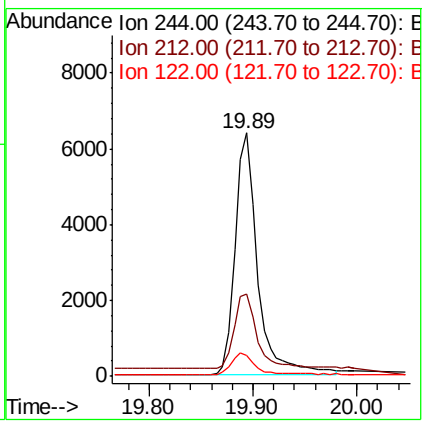


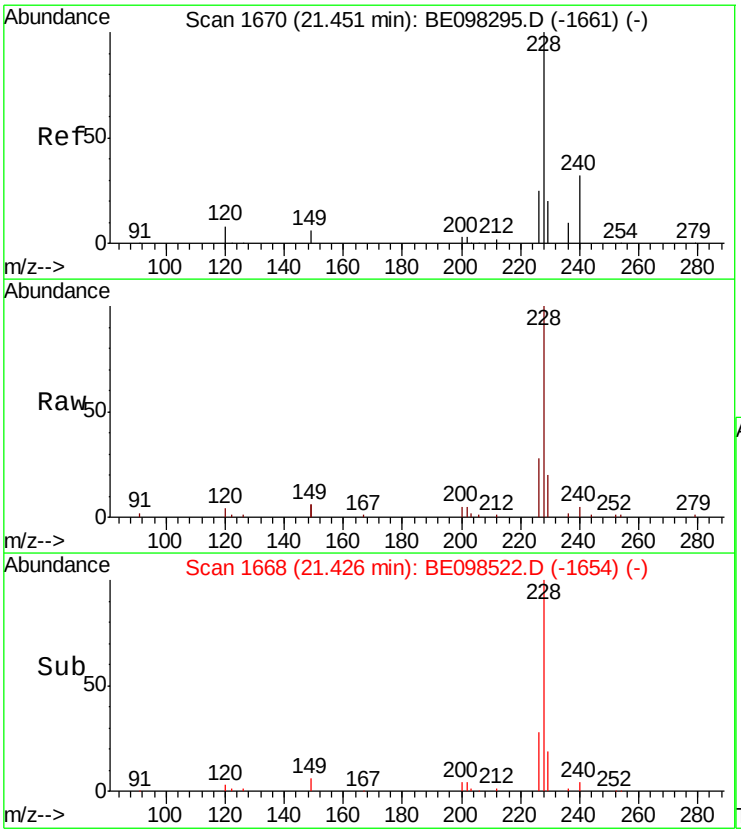
#29
Terphenyl-d14
Concen: 0.353 ng
RT: 19.89 min Scan# 1535
Delta R.T. -0.01 min
Lab File: BE098522.D
Acq: 19 Dec 2018 9:41

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:244 Resp: 9577

Ion	Ratio	Lower	Upper
244	100		
212	34.0	27.4	41.0
122	8.3	8.3	12.5

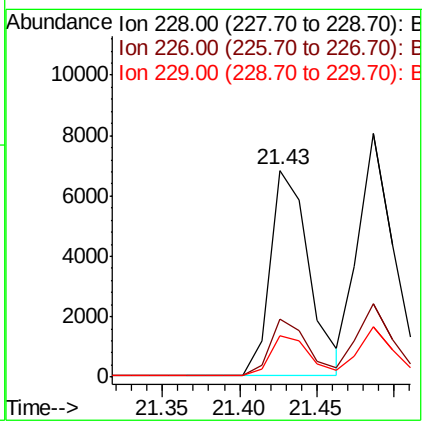


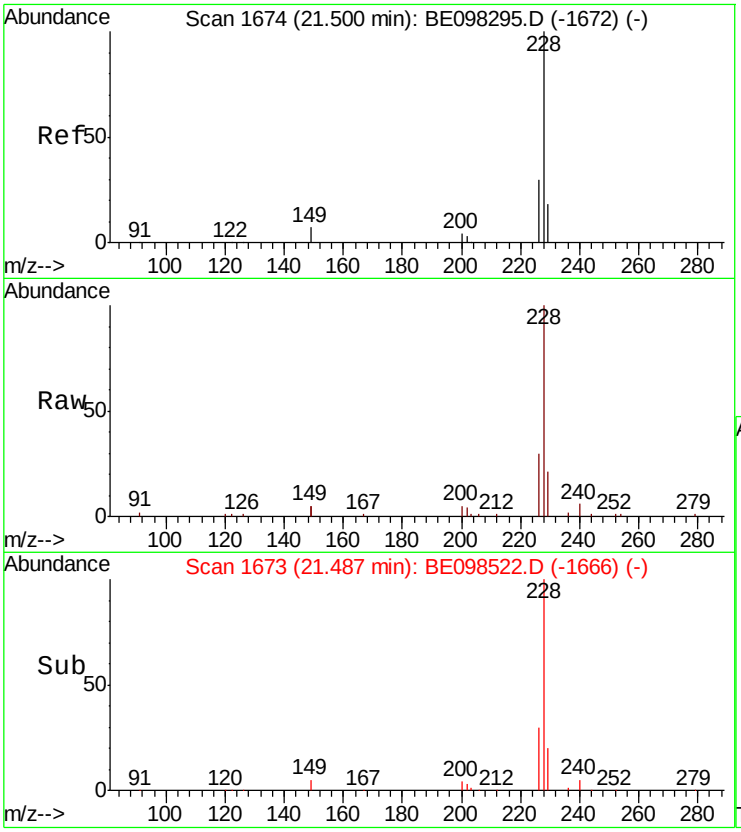


#30
Benzo(a)anthracene
Concen: 0.377 ng
RT: 21.43 min Scan# 1668
Delta R.T. -0.03 min
Lab File: BE098522.D
Acq: 19 Dec 2018 9:41

Tgt Ion:228 Resp: 11988

Ion	Ratio	Lower	Upper
228	100		
226	28.4	21.8	32.8
229	20.0	16.3	24.5



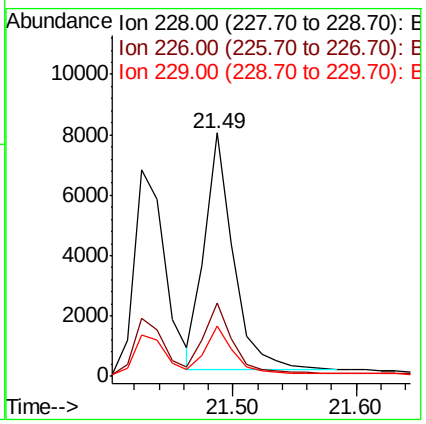


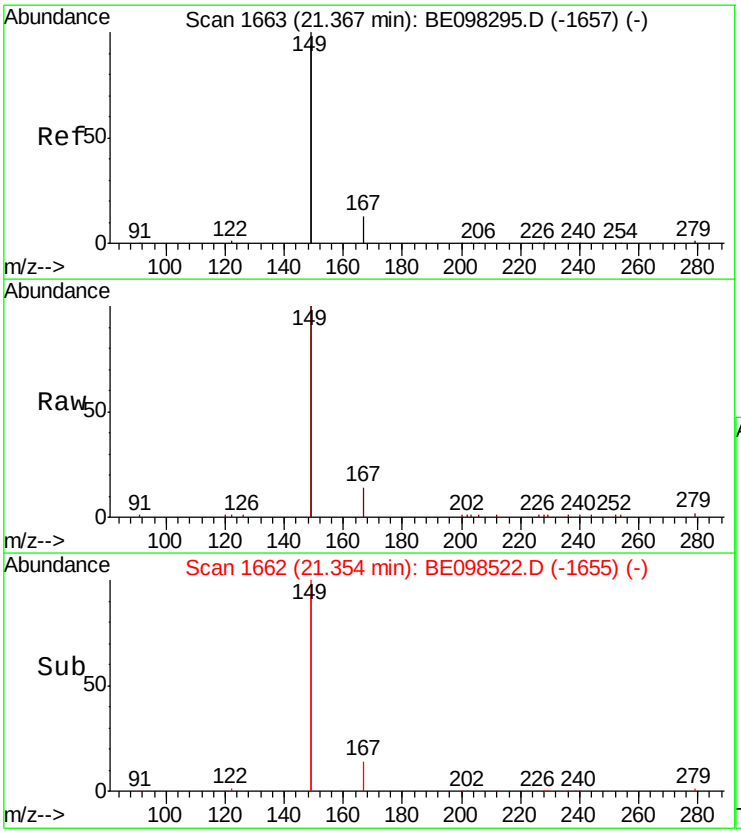
#31
Chrysene
Concen: 0.380 ng
RT: 21.49 min Scan# 1673
Delta R.T. -0.01 min
Lab File: BE098522.D
Acq: 19 Dec 2018 9:41

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 12681

Ion	Ratio	Lower	Upper
228	100		
226	30.3	23.4	35.0
229	20.7	16.2	24.4

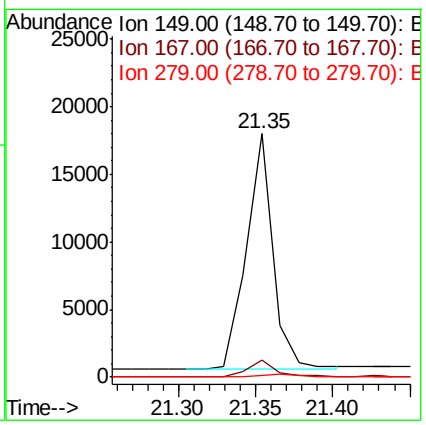


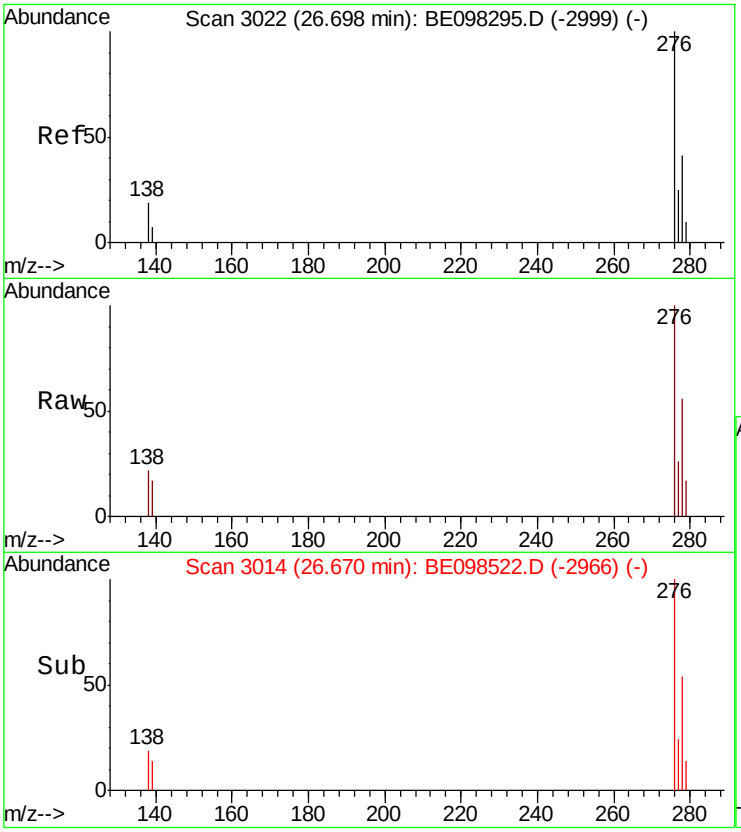


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.319 ng
RT: 21.35 min Scan# 1662
Delta R.T. -0.01 min
Lab File: BE098522.D
Acq: 19 Dec 2018 9:41

Tgt Ion:149 Resp: 20629

Ion	Ratio	Lower	Upper
149	100		
167	6.7	5.7	8.5
279	1.2	1.0	1.4



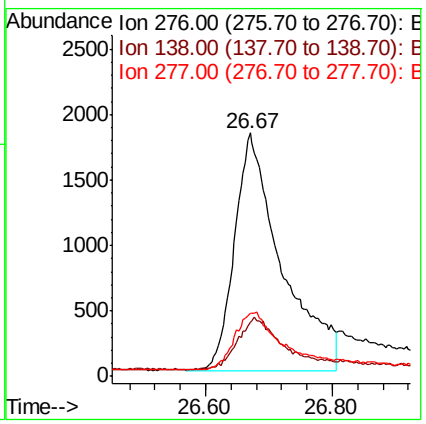


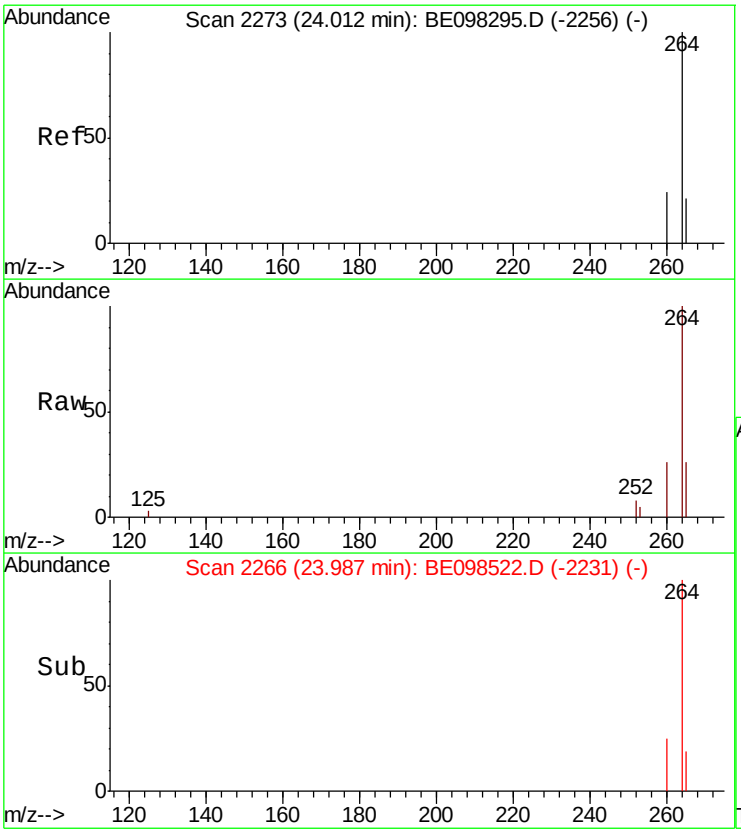
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.281 ng
RT: 26.67 min Scan# 3014
Delta R.T. -0.03 min
Lab File: BE098522.D
Acq: 19 Dec 2018 9:41

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 9322

Ion	Ratio	Lower	Upper
276	100		
138	20.6	16.3	24.5
277	24.7	20.2	30.4

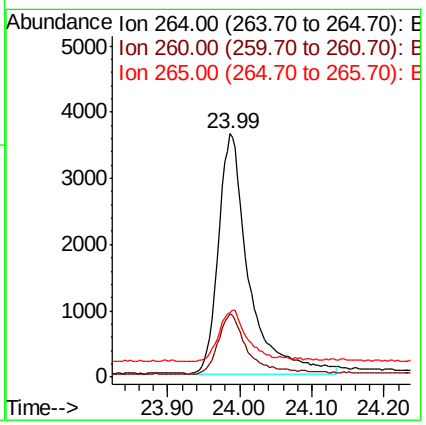


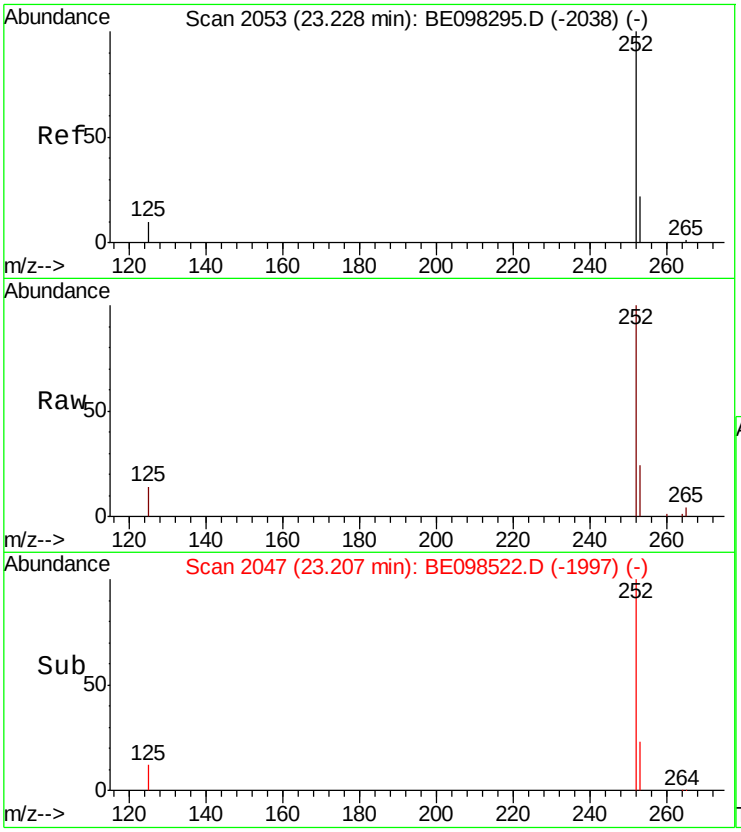


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.99 min Scan# 2266
Delta R.T. -0.03 min
Lab File: BE098522.D
Acq: 19 Dec 2018 9:41

Tgt Ion:264 Resp: 10496

Ion	Ratio	Lower	Upper
264	100		
260	26.1	20.2	30.2
265	26.3	25.2	37.8



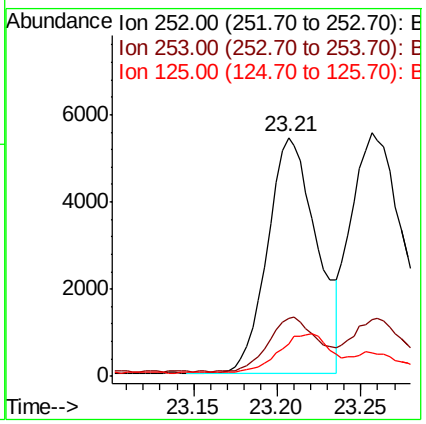


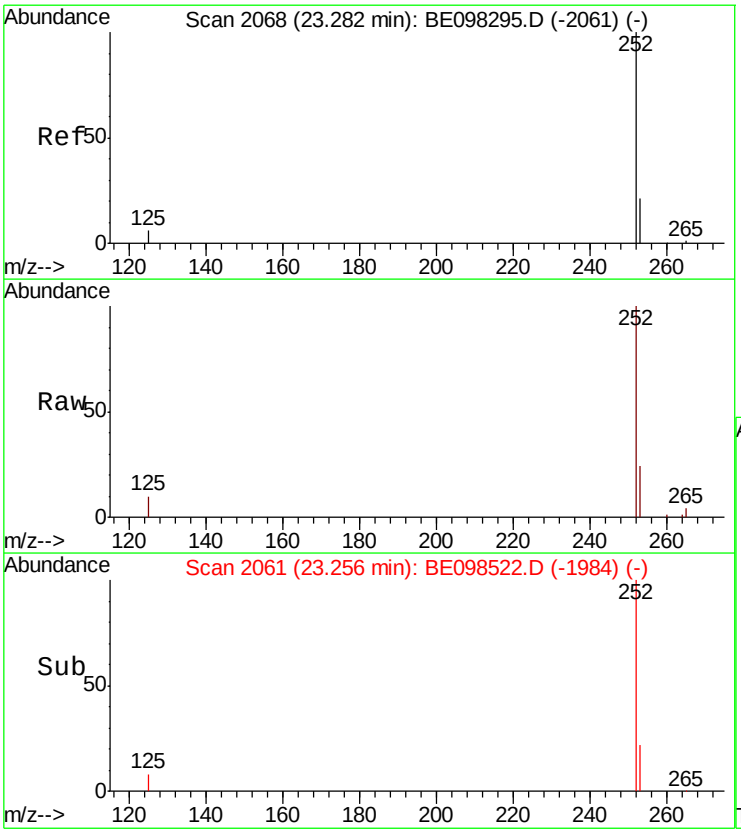
#35
Benzo(b)fluoranthene
Concen: 0.386 ng
RT: 23.21 min Scan# 2047
Delta R.T. -0.02 min
Lab File: BE098522.D
Acq: 19 Dec 2018 9:41

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 11093

Ion	Ratio	Lower	Upper
252	100		
253	24.4	20.0	30.0
125	13.8	9.6	14.4

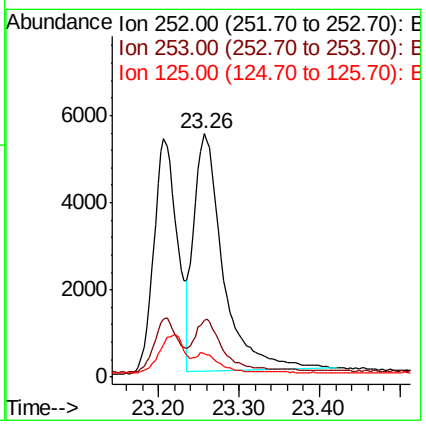


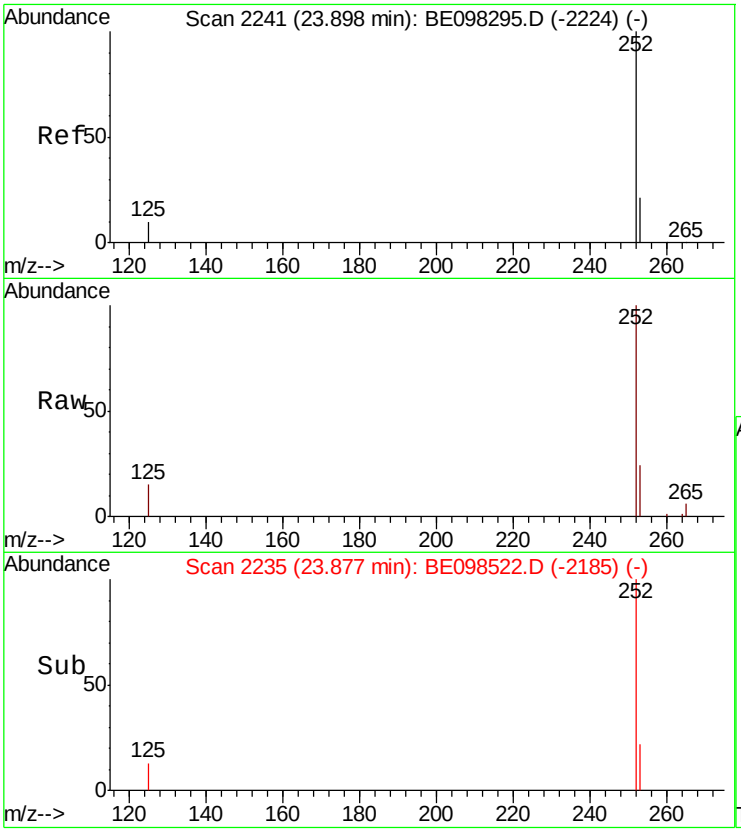


#36
Benzo(k)fluoranthene
Concen: 0.413 ng
RT: 23.26 min Scan# 2061
Delta R.T. -0.03 min
Lab File: BE098522.D
Acq: 19 Dec 2018 9:41

Tgt Ion:252 Resp: 13813

Ion	Ratio	Lower	Upper
252	100		
253	23.5	19.0	28.6
125	9.7	9.1	13.7



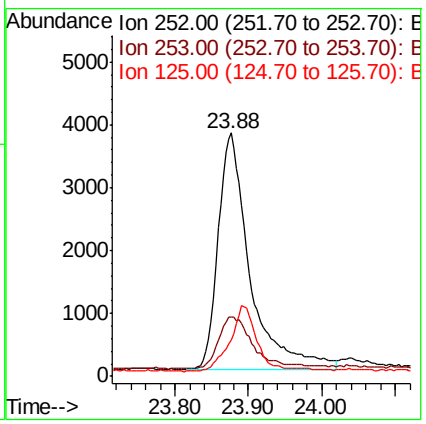


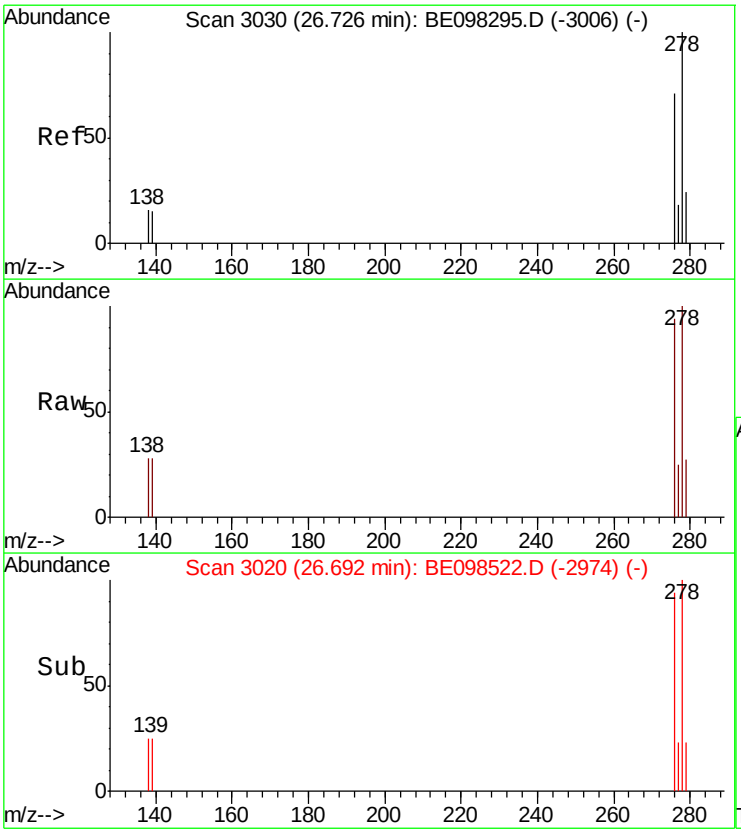
#37
Benzo(a)pyrene
Concen: 0.390 ng
RT: 23.88 min Scan# 2235
Delta R.T. -0.02 min
Lab File: BE098522.D
Acq: 19 Dec 2018 9:41

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 11558

Ion	Ratio	Lower	Upper
252	100		
253	24.5	20.6	30.8
125	15.1	10.5	15.7

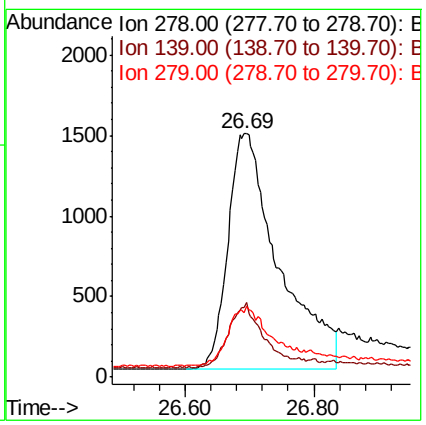


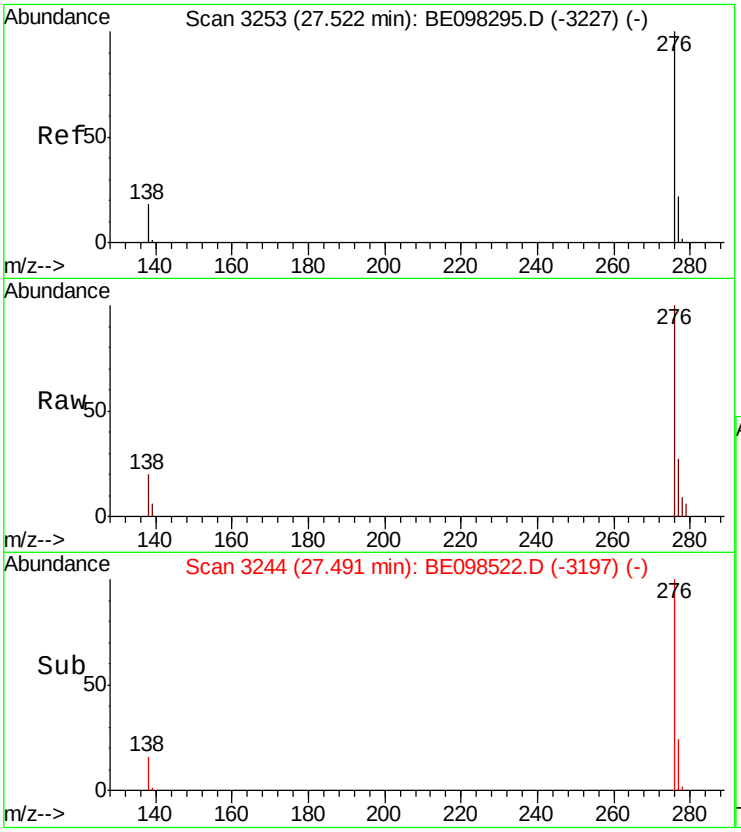


#38
Dibenzo(a,h)anthracene
Concen: 0.288 ng
RT: 26.69 min Scan# 3020
Delta R.T. -0.03 min
Lab File: BE098522.D
Acq: 19 Dec 2018 9:41

Tgt Ion:278 Resp: 8037

Ion	Ratio	Lower	Upper
278	100		
139	28.4	14.5	21.7#
279	26.7	21.8	32.8





#39
Benzo(g,h,i)perylene
Concen: 0.263 ng
RT: 27.49 min Scan# 3244
Delta R.T. -0.03 min
Lab File: BE098522.D
Acq: 19 Dec 2018 9:41

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 7396

Ion	Ratio	Lower	Upper
276	100		
277	26.7	20.8	31.2
138	20.0	15.8	23.6