Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE122118\
Data File : BE098547.D
Acq On : 21 Dec 2018 9:33
Operator : SJ/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Dec 21 15:28:11 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	726	0.40	ng		-0.01
7) Naphthalene-d8	10.65	136	3674	0.40	ng		-0.01
13) Acenaphthene-d10	14.51	164	2878	0.40	ng		-0.01
19) Phenanthrene-d10	17.27	188	8065	0.40	ng		-0.01
27) Chrysene-d12	21.45	240	9409	0.40	ng		-0.01
34) Perylene-d12	23.99	264	7904	0.40	ng		-0.02
System Monitoring Compounds							
4) 2-Fluorophenol	5.44	112	729	0.43	ng		0.00
5) Phenol-d6	7.03	99	958	0.40	ng		-0.01
8) Nitrobenzene-d5	9.02	82	1135	0.34	ng		0.00
11) 2-Methylnaphthalene-d10	12.25	152	2434	0.41	ng		-0.01
14) 2,4,6-Tribromophenol	16.01	330	459	0.43	ng		-0.01
15) 2-Fluorobiphenyl	13.13	172	3981	0.33	ng		-0.01
25) Fluoranthene-d10	19.30	212	42128	0.41	ng		-0.01
29) Terphenyl-d14	19.89	244	8135	0.36	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.36	88	499	0.397	ng		97
3) n-Nitrosodimethylamine	3.70	42	299	0.265	ng	#	100
6) bis(2-Chloroethyl)ether	7.29	93	816	0.357	ng		85
9) Naphthalene	10.69	128	14005	0.379	ng		99
10) Hexachlorobutadiene	10.98	225	960	0.408	ng		99
12) 2-Methylnaphthalene	12.32	142	2355	0.392	ng		92
16) Acenaphthylene	14.23	152	4608	0.342	ng		98
17) Acenaphthene	14.57	154	2967	0.366	ng		99
18) Fluorene	15.55	166	4035	0.372	ng		100
20) 4-Bromophenyl-phenylether	16.45	248	1538	0.354	ng		94
21) Hexachlorobenzene	16.57	284	1776	0.381	ng		95
22) Pentachlorophenol	16.93	266	455	0.571	ng		93
23) Phenanthrene	17.30	178	7110	0.363	ng		100
24) Anthracene	17.40	178	5856	0.335	ng		100
26) Fluoranthene	19.33	202	10232	0.395	ng		97
28) Pyrene	19.69	202	10483	0.355	ng		99
30) Benzo(a)anthracene	21.43	228	9331	0.348	ng		98
31) Chrysene	21.49	228	10155	0.362	ng		99
32) Bis(2-ethylhexyl)phthalate	21.35	149	17814	0.327	ng		99
33) Indeno(1,2,3-cd)pyrene	26.67	276	9369	0.335	ng		97
35) Benzo(b)fluoranthene	23.21	252	7913	0.366	ng		97
36) Benzo(k)fluoranthene	23.26	252	9285	0.369	ng		98
37) Benzo(a)pyrene	23.87	252	8091	0.363	ng		95
38) Dibenzo(a,h)anthracene	26.69	278	7738	0.368	ng		98
39) Benzo(g,h,i)perylene	27.49	276	7860	0.371	ng		97

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE122118\
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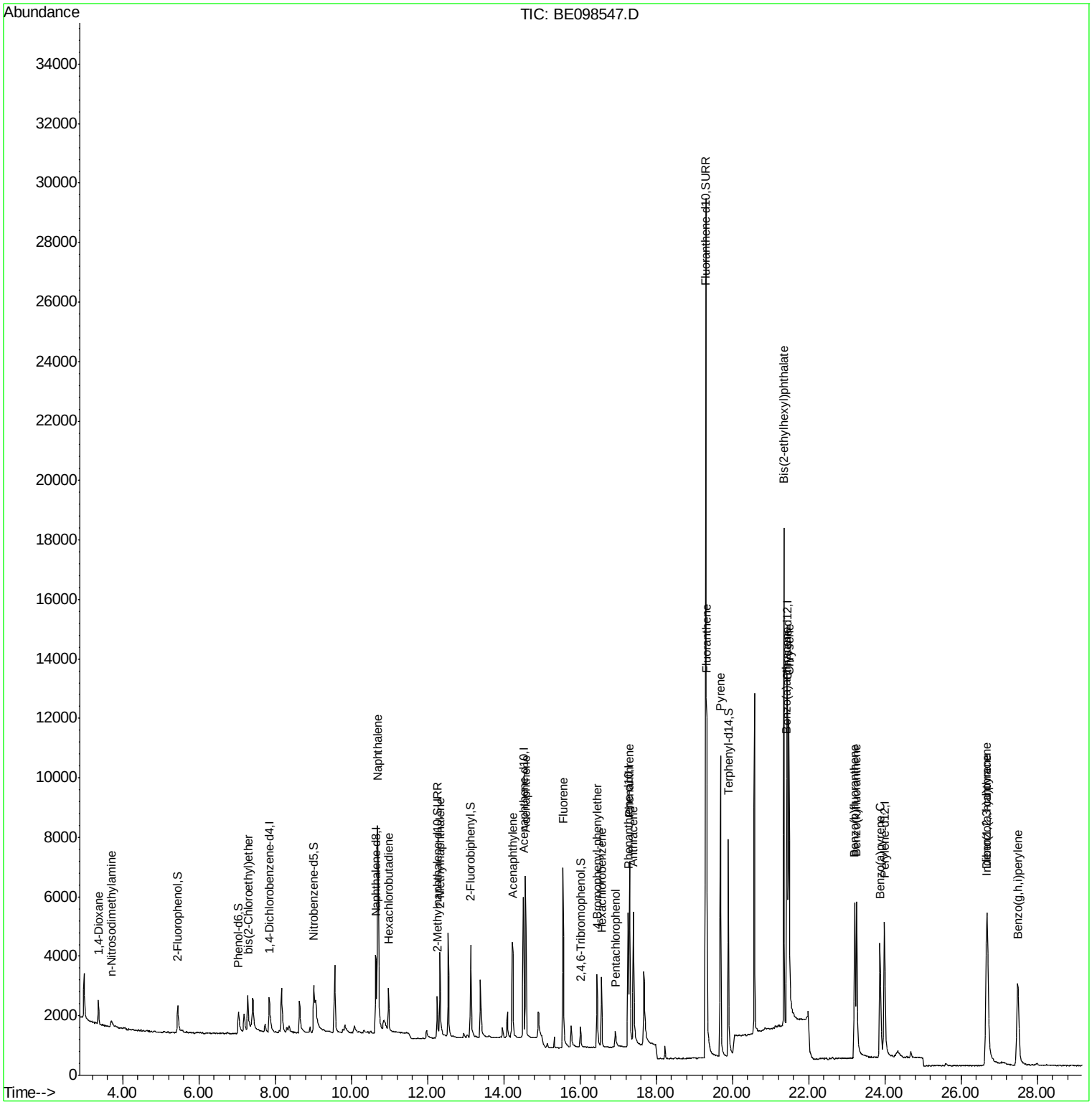
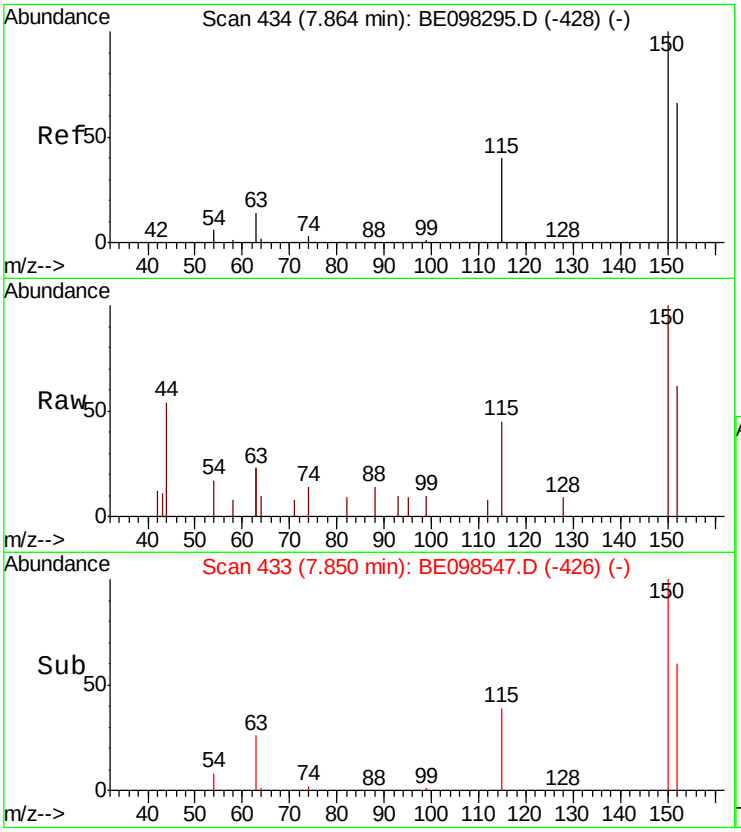
Acq On : 21 Dec 2018 9:33
Operator : SJ/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Dec 21 15:28:11 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



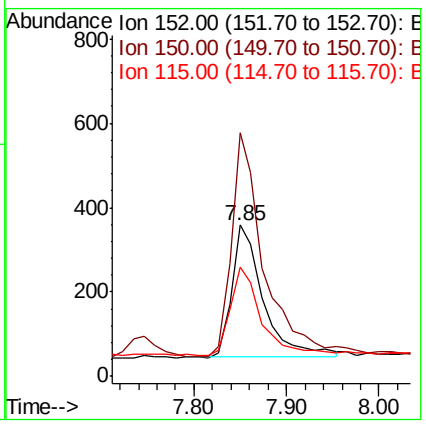


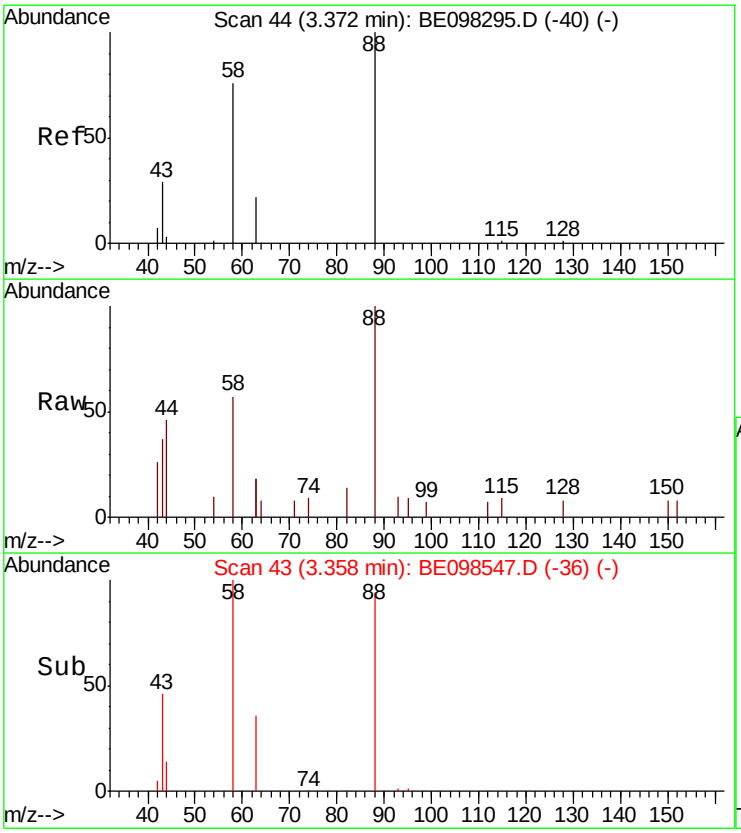
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.85 min Scan# 433
Delta R.T. -0.01 min
Lab File: BE098547.D
Acq: 21 Dec 2018 9:33

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 726

Ion	Ratio	Lower	Upper
152	100		
150	160.7	124.2	186.4
115	71.9	53.9	80.9

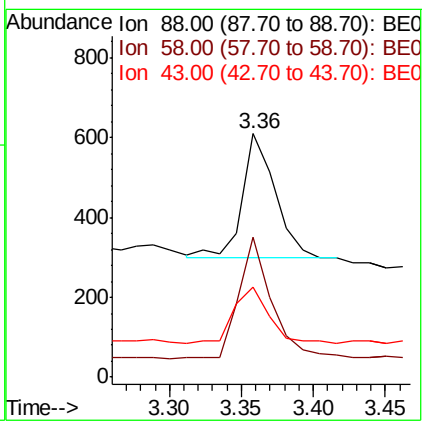


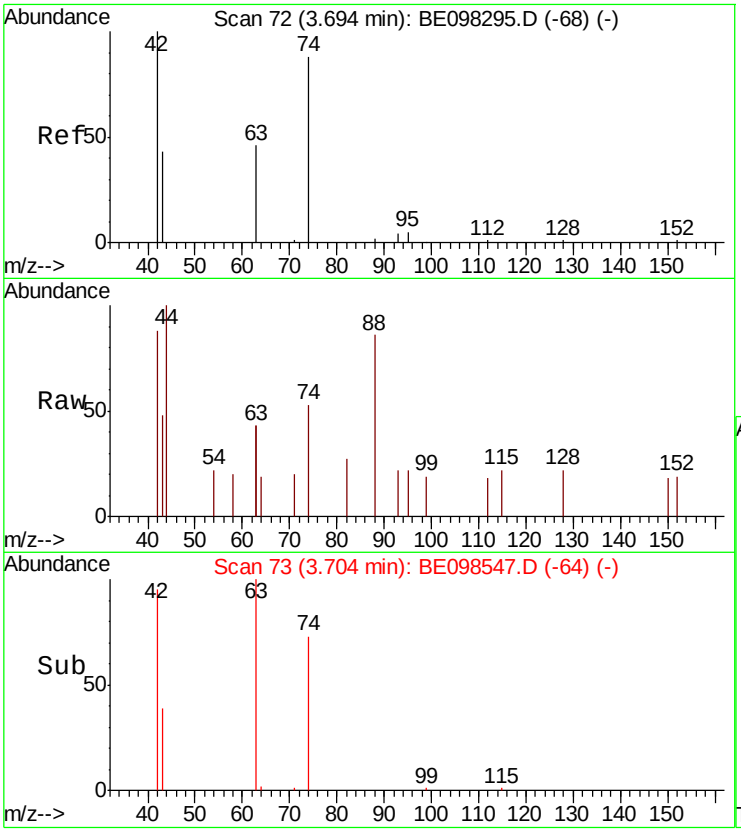


#2
1,4-Dioxane
Concen: 0.397 ng
RT: 3.36 min Scan# 43
Delta R.T. -0.01 min
Lab File: BE098547.D
Acq: 21 Dec 2018 9:33

Tgt Ion: 88 Resp: 499

Ion	Ratio	Lower	Upper
88	100		
58	97.0	75.0	112.6
43	46.9	38.3	57.5



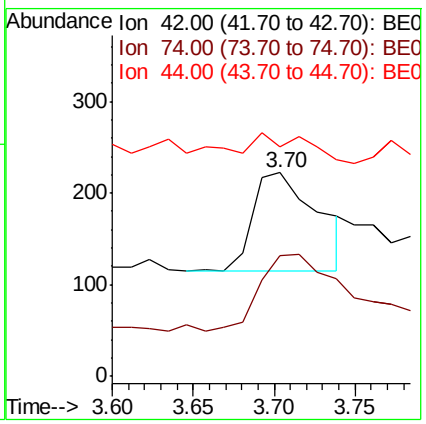


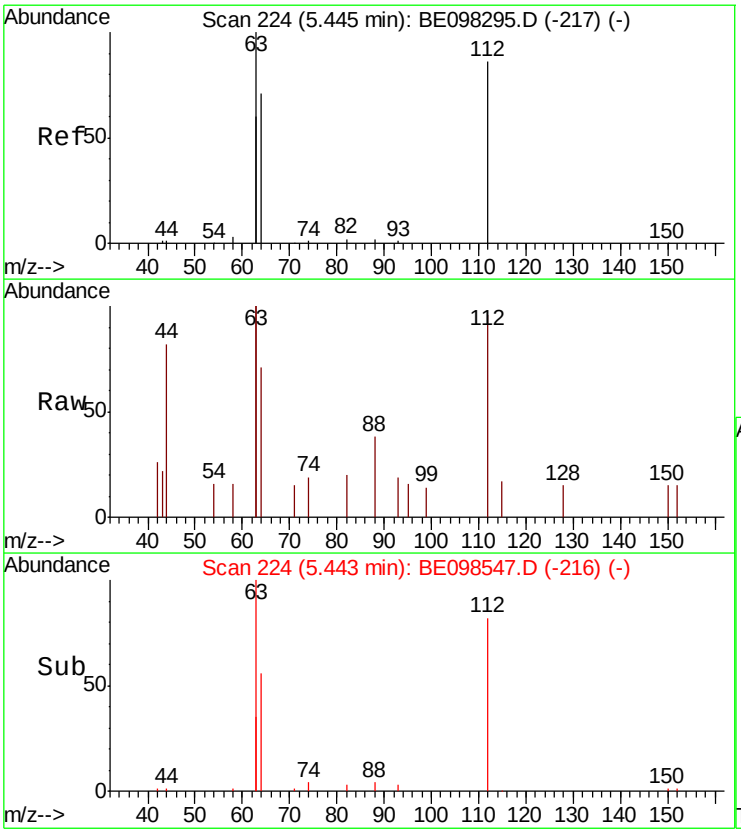
#3
n-Nitrosodimethylamine
Concen: 0.265 ng
RT: 3.70 min Scan# 73
Delta R.T. 0.01 min
Lab File: BE098547.D
Acq: 21 Dec 2018 9:33

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 42 Resp: 299

Ion	Ratio	Lower	Upper
42	100		
74	82.6	0.0	0.0#
44	0.0	0.0	0.0

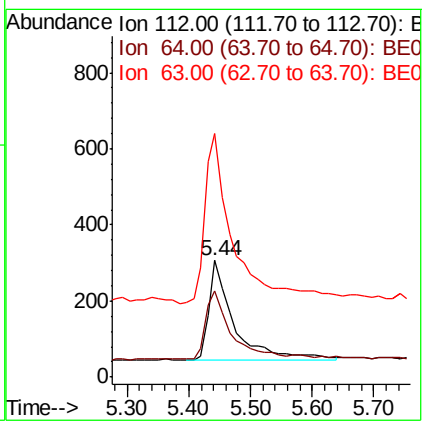


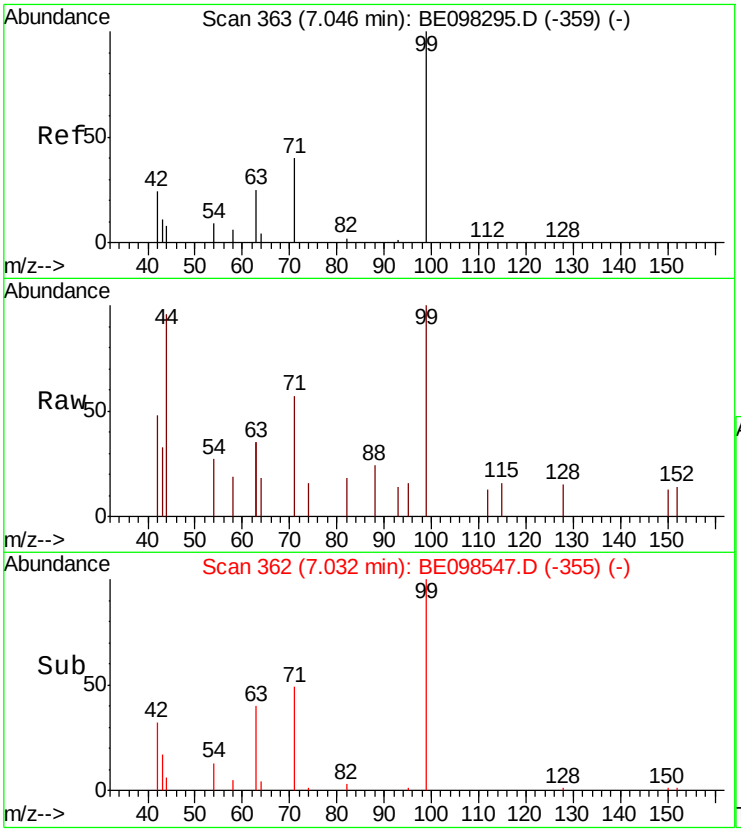


#4
2-Fluorophenol
Concen: 0.429 ng
RT: 5.44 min Scan# 224
Delta R.T. -0.00 min
Lab File: BE098547.D
Acq: 21 Dec 2018 9:33

Tgt Ion:112 Resp: 729

Ion	Ratio	Lower	Upper
112	100		
64	68.3	59.8	89.8
63	208.4	133.7	200.5#



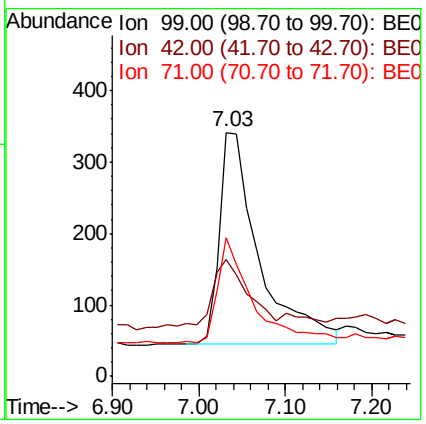


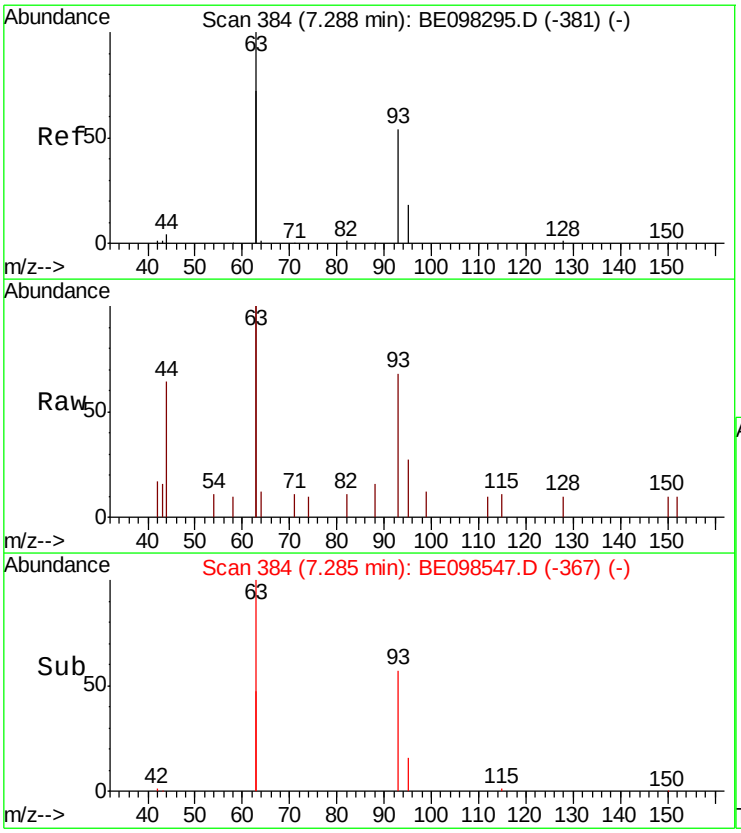
#5
Phenol-d6
Concen: 0.398 ng
RT: 7.03 min Scan# 362
Delta R.T. -0.01 min
Lab File: BE098547.D
Acq: 21 Dec 2018 9:33

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 99 Resp: 958

Ion	Ratio	Lower	Upper
99	100		
42	28.4	26.3	39.5
71	44.2	33.6	50.4

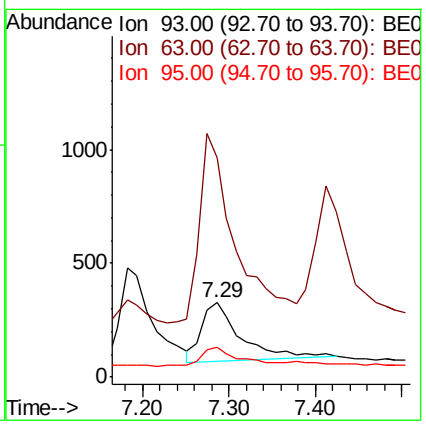


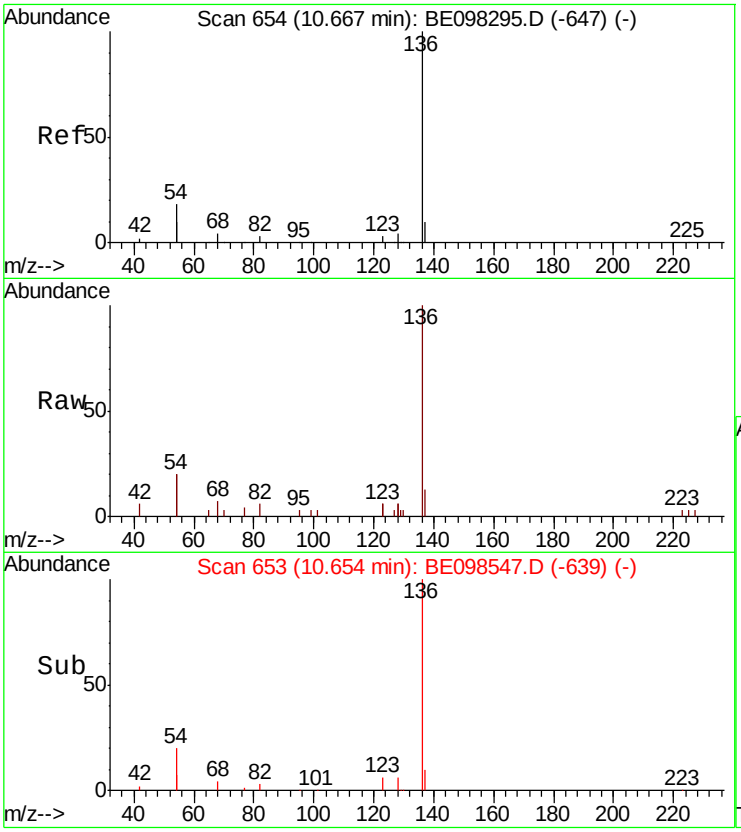


#6
bis(2-Chloroethyl)ether
Concen: 0.357 ng
RT: 7.29 min Scan# 384
Delta R.T. -0.00 min
Lab File: BE098547.D
Acq: 21 Dec 2018 9:33

Tgt Ion: 93 Resp: 816

Ion	Ratio	Lower	Upper
93	100		
63	295.8	264.4	396.6
95	32.7	26.6	40.0



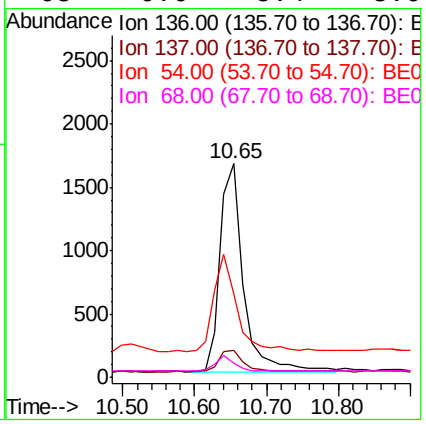


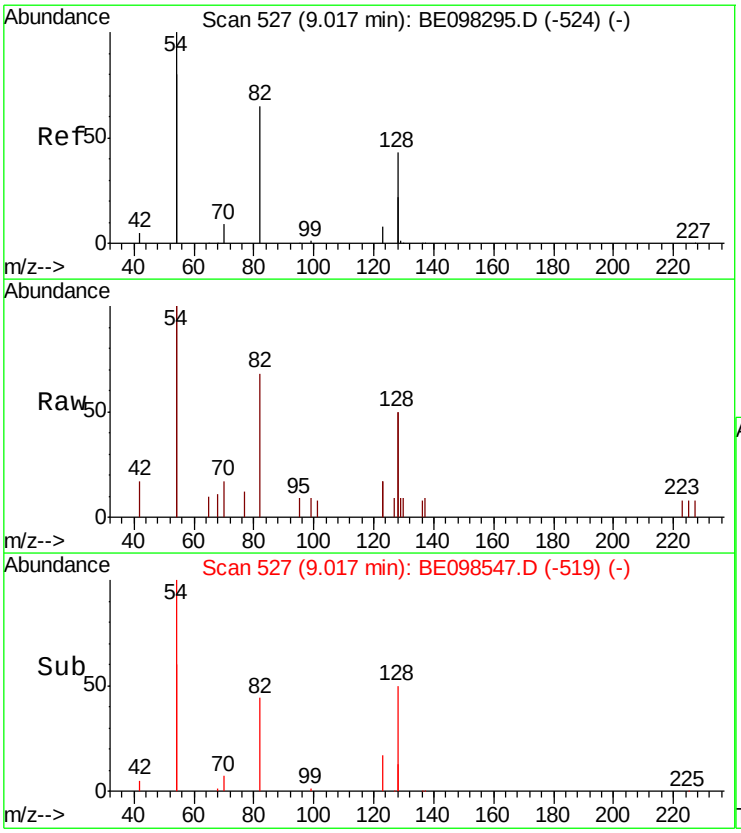
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.65 min Scan# 653
Delta R.T. -0.01 min
Lab File: BE098547.D
Acq: 21 Dec 2018 9:33

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:136 Resp: 3674

Ion	Ratio	Lower	Upper
136	100		
137	12.6	9.2	13.8
54	39.0	28.4	42.6
68	6.6	5.4	8.0

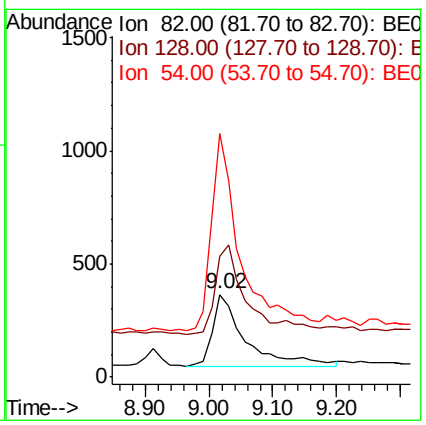


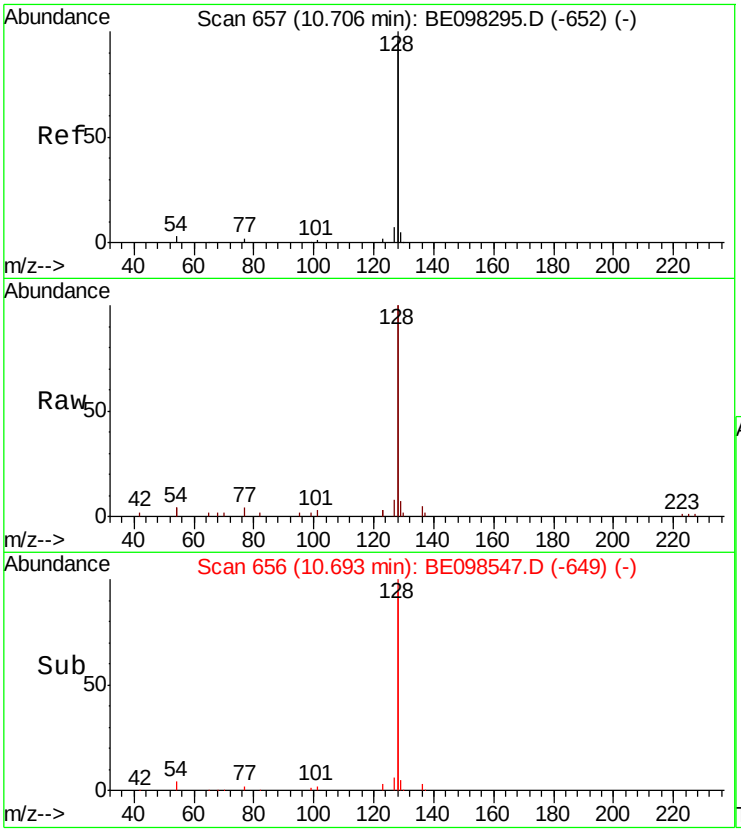


#8
Nitrobenzene-d5
Concen: 0.339 ng
RT: 9.02 min Scan# 527
Delta R.T. 0.00 min
Lab File: BE098547.D
Acq: 21 Dec 2018 9:33

Tgt Ion: 82 Resp: 1135

Ion	Ratio	Lower	Upper
82	100		
128	146.4	102.4	153.6
54	294.0	221.8	332.8



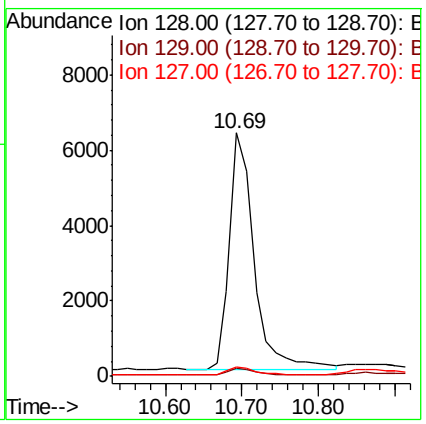


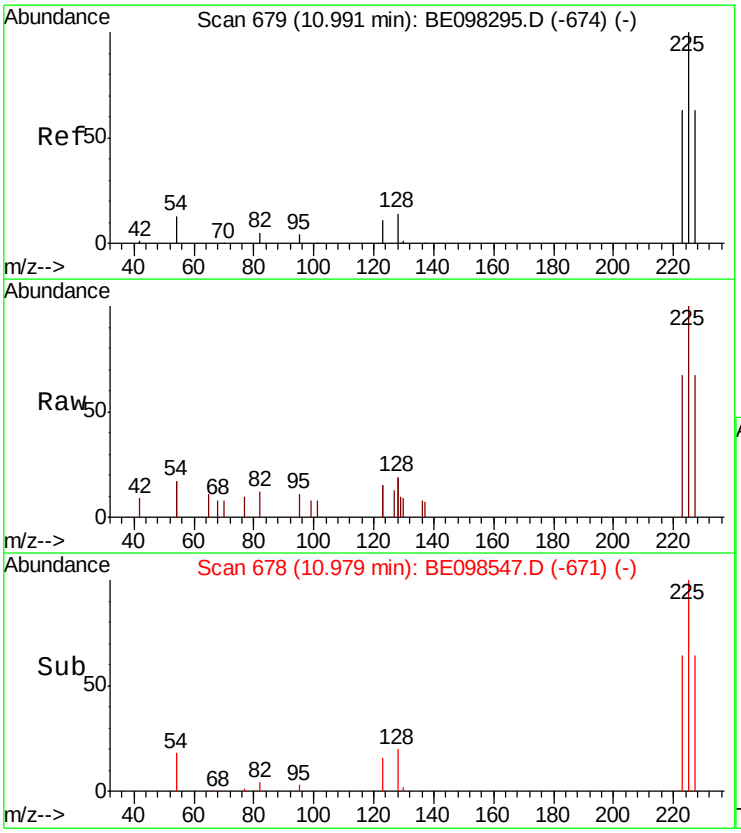
#9
Naphthalene
Concen: 0.379 ng
RT: 10.69 min Scan# 656
Delta R.T. -0.01 min
Lab File: BE098547.D
Acq: 21 Dec 2018 9:33

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:128 Resp: 14005

Ion	Ratio	Lower	Upper
128	100		
129	3.4	2.5	3.7
127	3.9	2.7	4.1

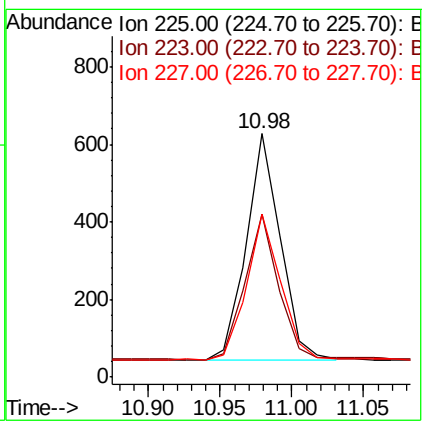


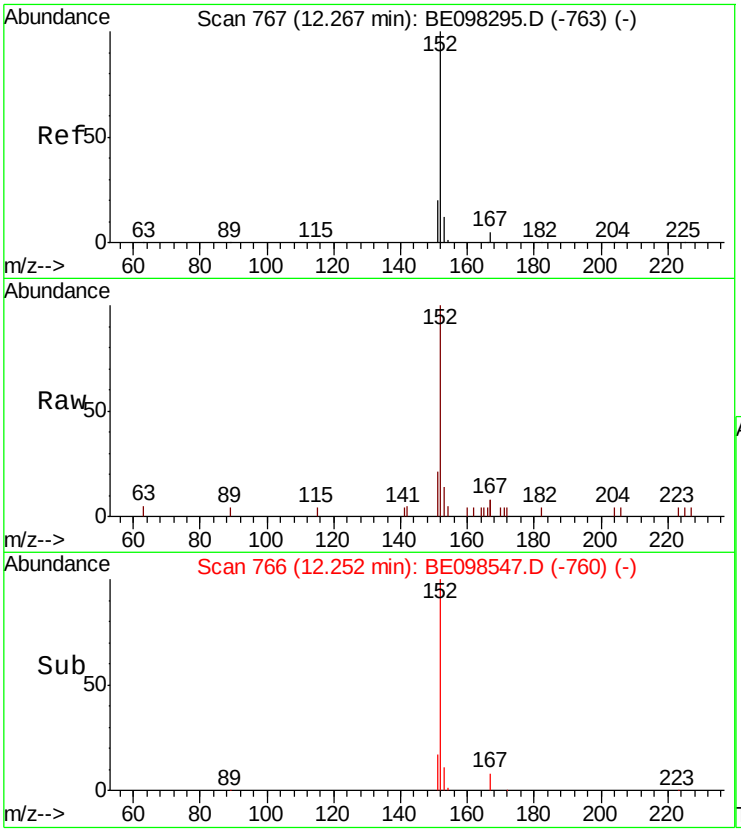


#10
Hexachlorobutadiene
Concen: 0.408 ng
RT: 10.98 min Scan# 678
Delta R.T. -0.01 min
Lab File: BE098547.D
Acq: 21 Dec 2018 9:33

Tgt Ion:225 Resp: 960

Ion	Ratio	Lower	Upper
225	100		
223	63.1	49.4	74.0
227	65.0	52.0	78.0



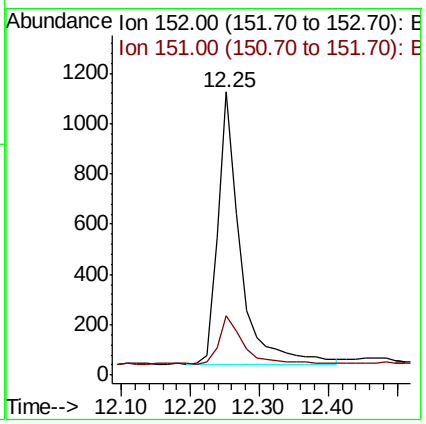


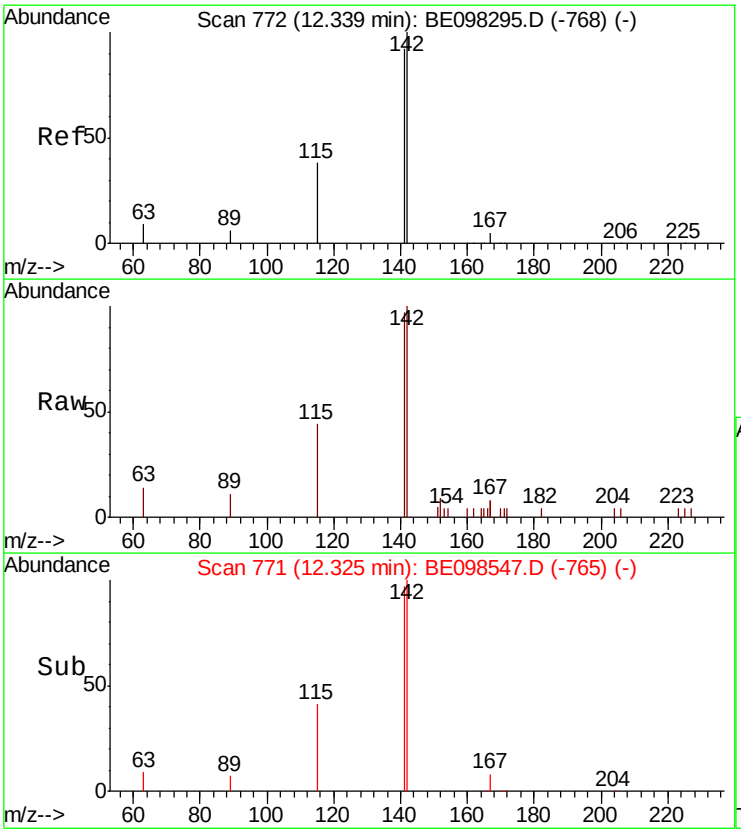
#11
2-Methylnaphthalene-d10
Concen: 0.407 ng
RT: 12.25 min Scan# 766
Delta R.T. -0.01 min
Lab File: BE098547.D
Acq: 21 Dec 2018 9:33

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 2434

Ion	Ratio	Lower	Upper
152	100		
151	18.1	16.2	24.4

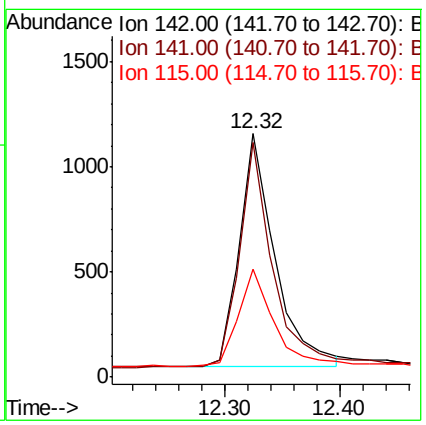


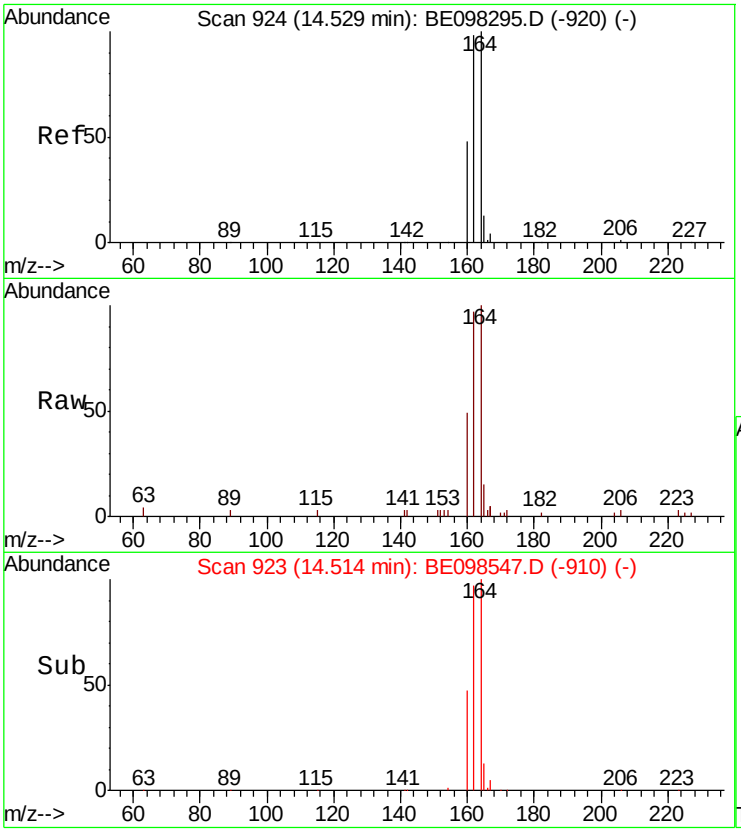


#12
2-Methylnaphthalene
Concen: 0.392 ng
RT: 12.32 min Scan# 771
Delta R.T. -0.01 min
Lab File: BE098547.D
Acq: 21 Dec 2018 9:33

Tgt Ion:142 Resp: 2355

Ion	Ratio	Lower	Upper
142	100		
141	96.5	71.0	106.6
115	44.2	32.2	48.2



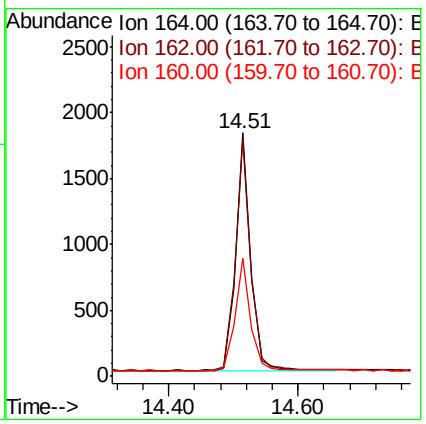


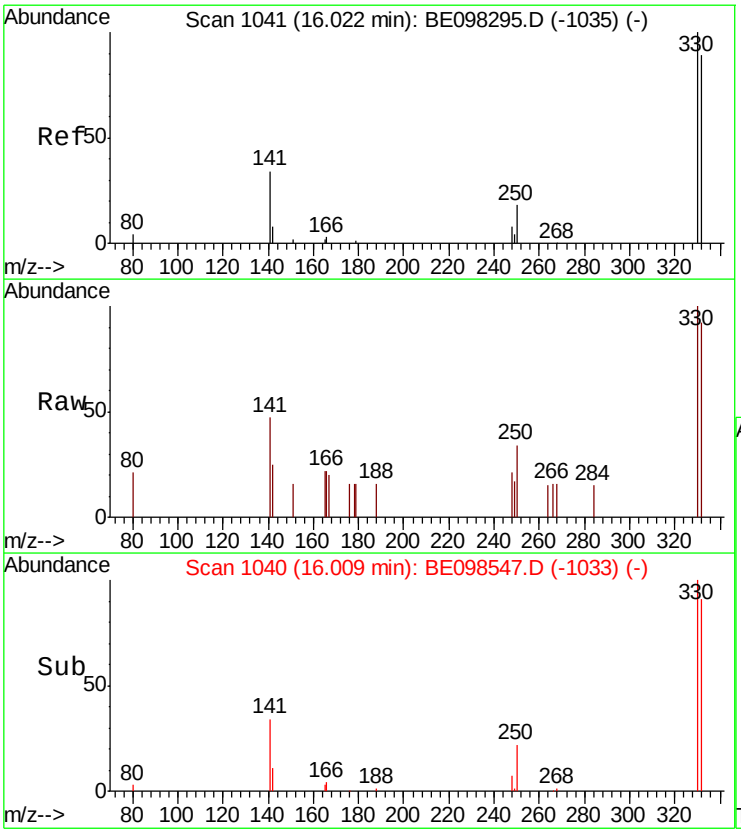
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.51 min Scan# 923
Delta R.T. -0.01 min
Lab File: BE098547.D
Acq: 21 Dec 2018 9:33

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:164 Resp: 2878

Ion	Ratio	Lower	Upper
164	100		
162	97.2	77.6	116.4
160	48.6	36.0	54.0

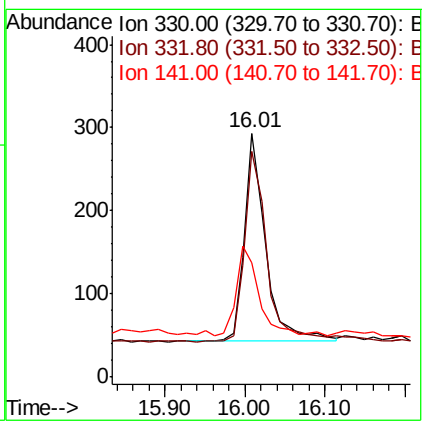


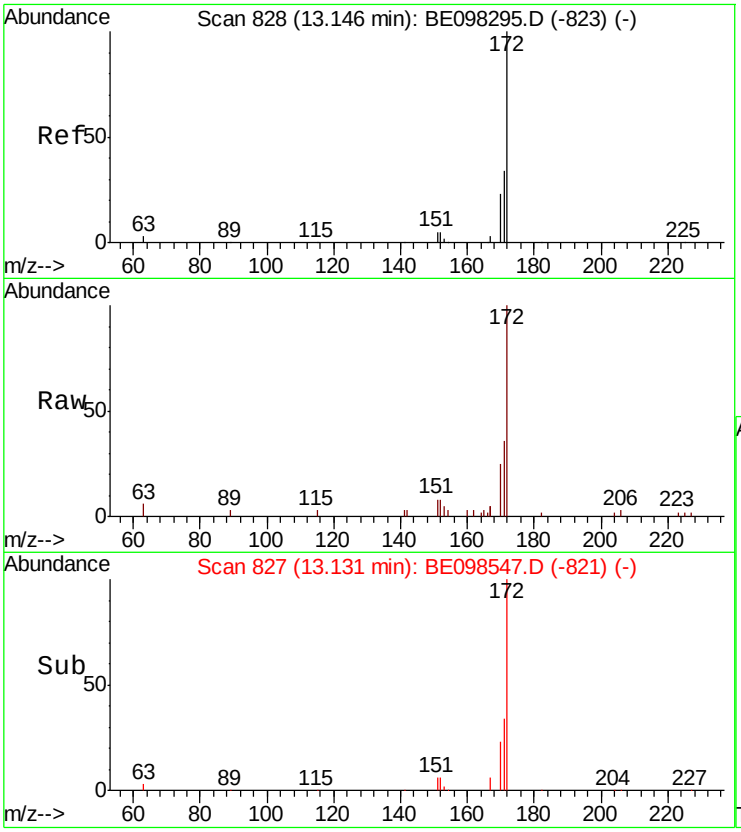


#14
2,4,6-Tribromophenol
Concen: 0.434 ng
RT: 16.01 min Scan# 1040
Delta R.T. -0.01 min
Lab File: BE098547.D
Acq: 21 Dec 2018 9:33

Tgt Ion:330 Resp: 459

Ion	Ratio	Lower	Upper
330	100		
332	96.9	76.2	114.4
141	44.0	39.0	58.4



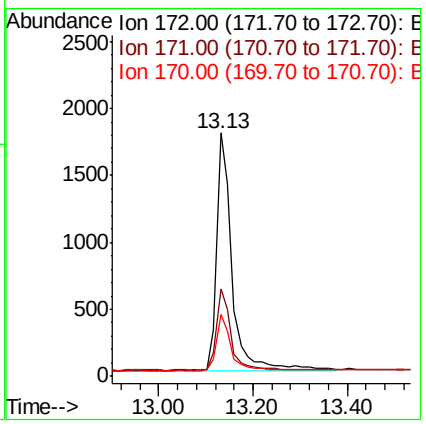


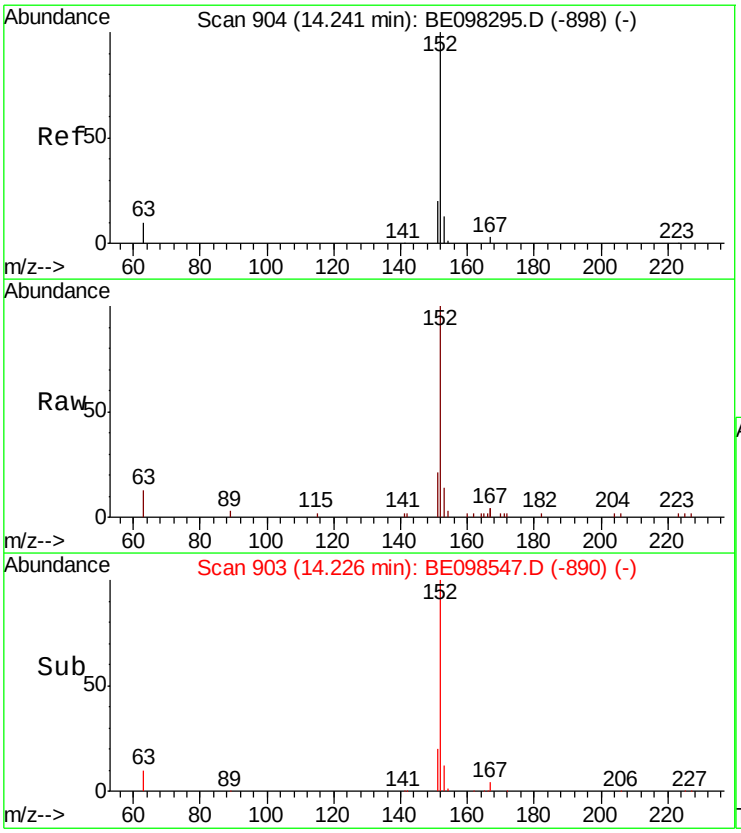
#15
2-Fluorobiphenyl
Concen: 0.328 ng
RT: 13.13 min Scan# 827
Delta R.T. -0.01 min
Lab File: BE098547.D
Acq: 21 Dec 2018 9:33

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:172 Resp: 3981

Ion	Ratio	Lower	Upper
172	100		
171	36.0	27.5	41.3
170	25.2	19.6	29.4

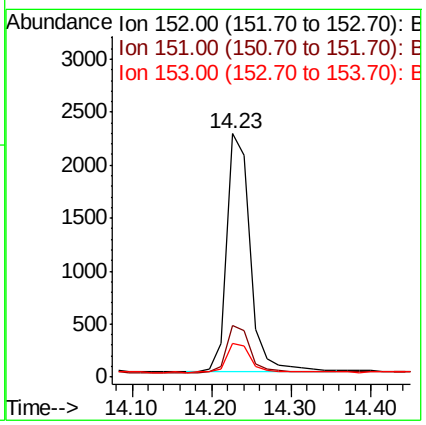


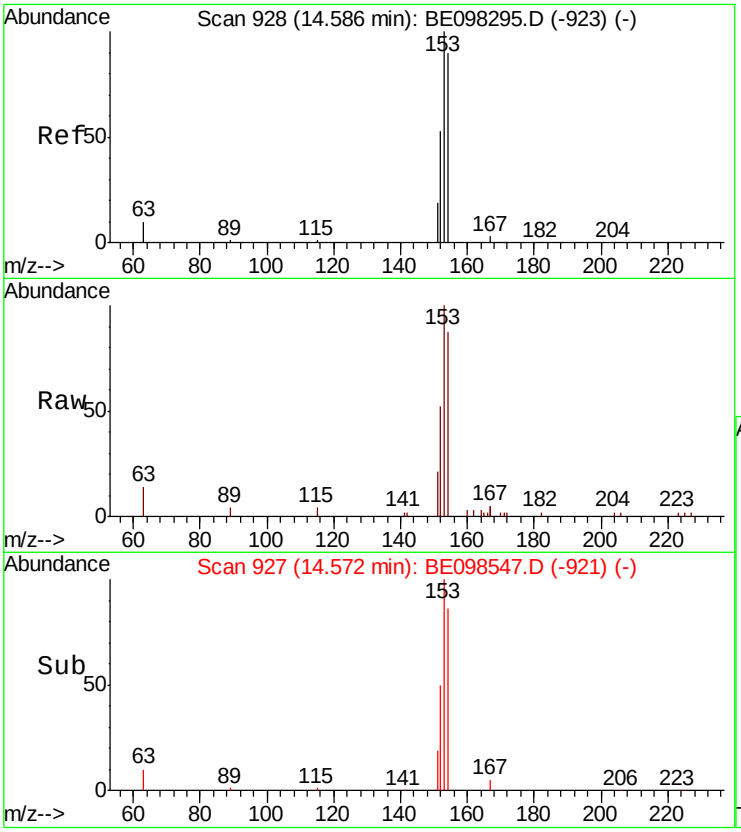


#16
Acenaphthylene
Concen: 0.342 ng
RT: 14.23 min Scan# 903
Delta R.T. -0.01 min
Lab File: BE098547.D
Acq: 21 Dec 2018 9:33

Tgt Ion:152 Resp: 4608

Ion	Ratio	Lower	Upper
152	100		
151	20.1	15.5	23.3
153	12.5	10.6	16.0



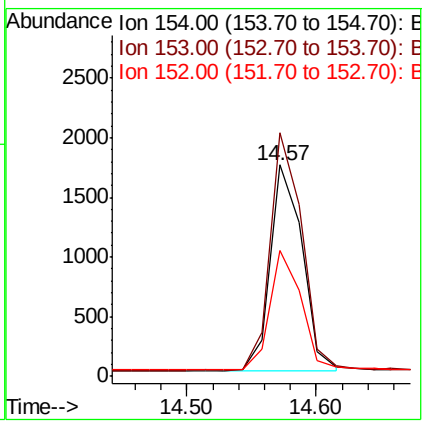


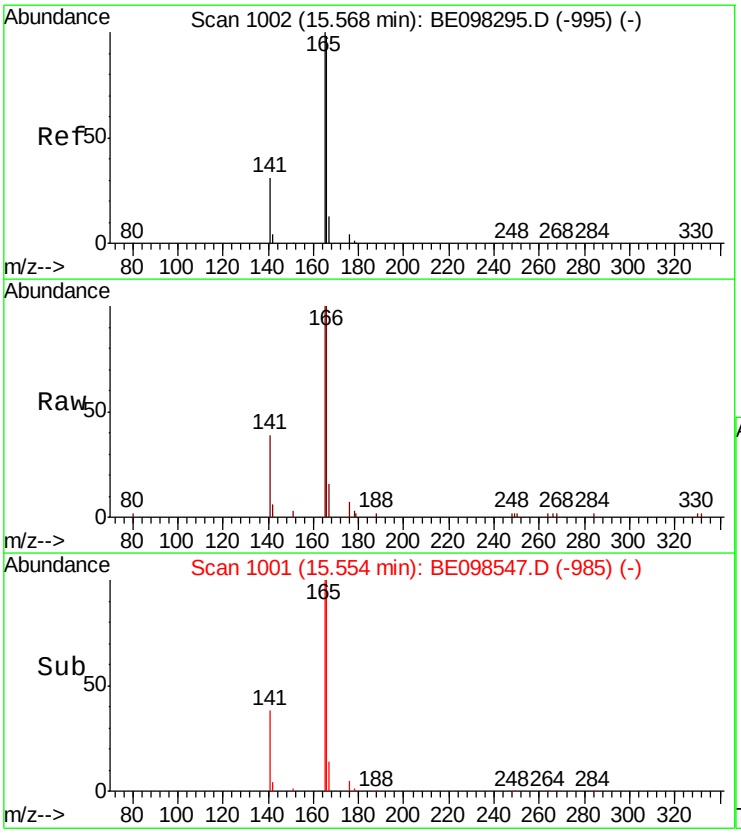
#17
Acenaphthene
Concen: 0.366 ng
RT: 14.57 min Scan# 927
Delta R.T. -0.01 min
Lab File: BE098547.D
Acq: 21 Dec 2018 9:33

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:154 Resp: 2967

Ion	Ratio	Lower	Upper
154	100		
153	115.2	91.8	137.6
152	57.3	45.5	68.3

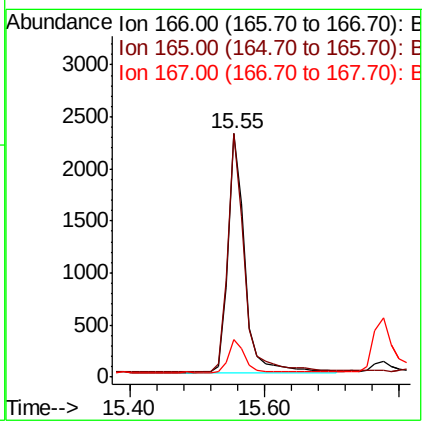


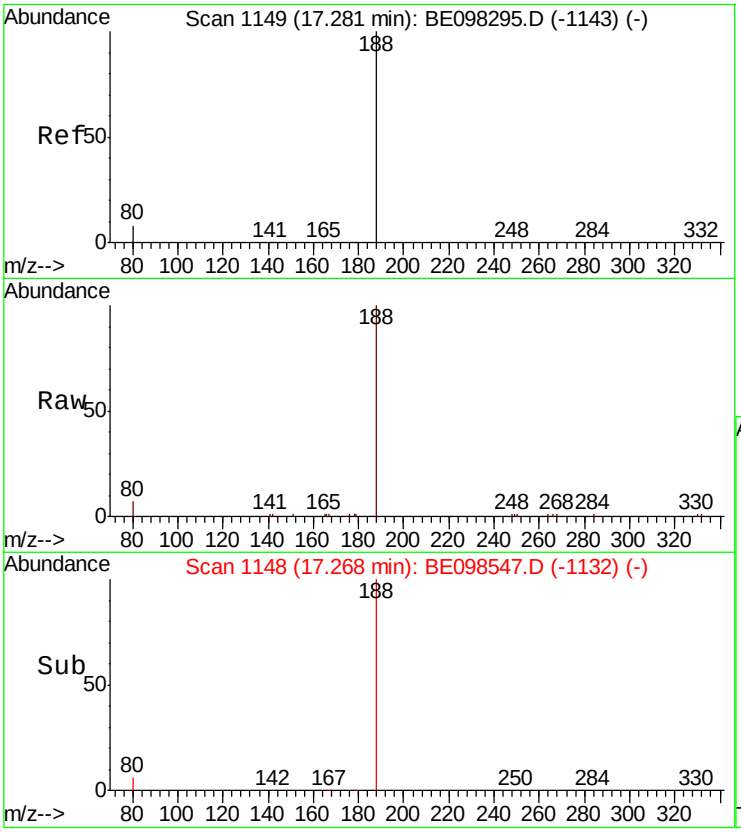


#18
Fluorene
Concen: 0.372 ng
RT: 15.55 min Scan# 1001
Delta R.T. -0.01 min
Lab File: BE098547.D
Acq: 21 Dec 2018 9:33

Tgt Ion:166 Resp: 4035

Ion	Ratio	Lower	Upper
166	100		
165	99.3	79.3	118.9
167	13.5	11.3	16.9



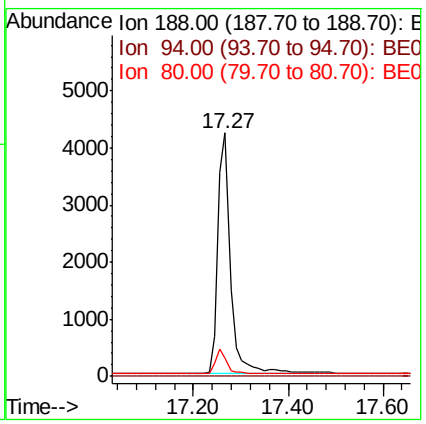


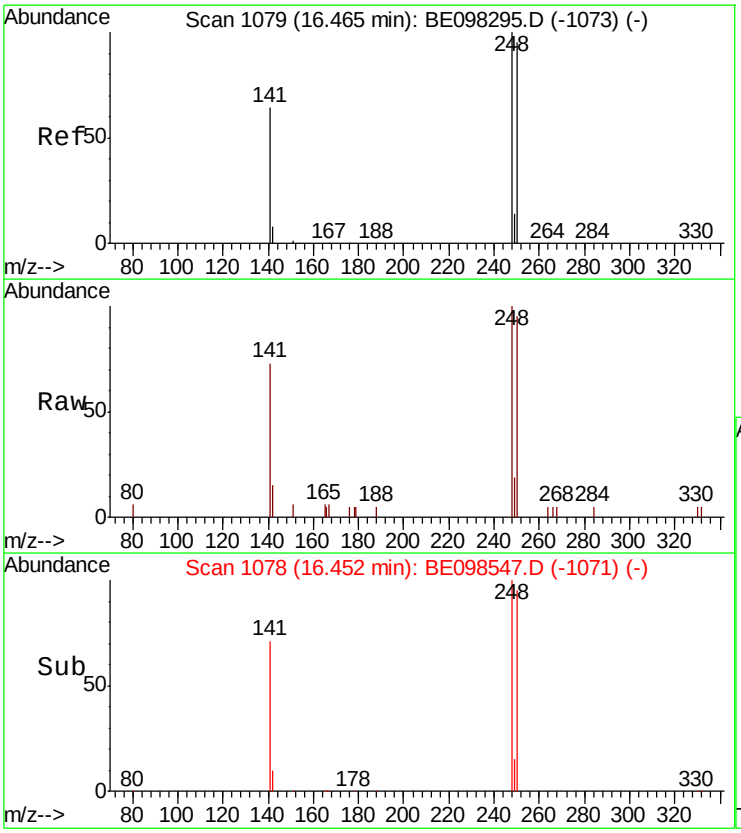
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.27 min Scan# 1148
Delta R.T. -0.01 min
Lab File: BE098547.D
Acq: 21 Dec 2018 9:33

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:188 Resp: 8065

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	7.4	7.2	10.8

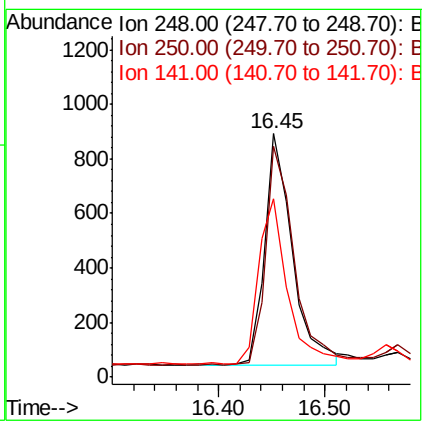


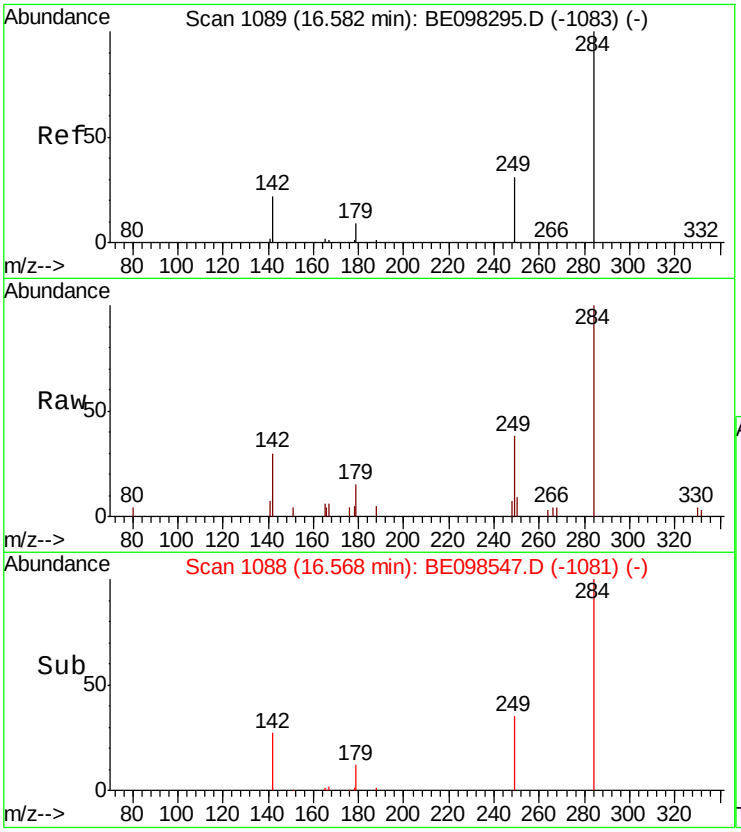


#20
4-Bromophenyl-phenylether
Concen: 0.354 ng
RT: 16.45 min Scan# 1078
Delta R.T. -0.01 min
Lab File: BE098547.D
Acq: 21 Dec 2018 9:33

Tgt Ion:248 Resp: 1538

Ion	Ratio	Lower	Upper
248	100		
250	95.0	71.0	106.6
141	73.1	62.1	93.1



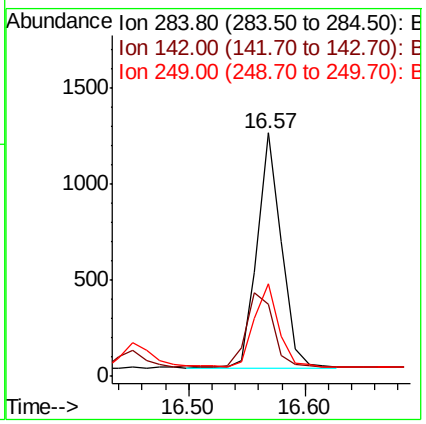


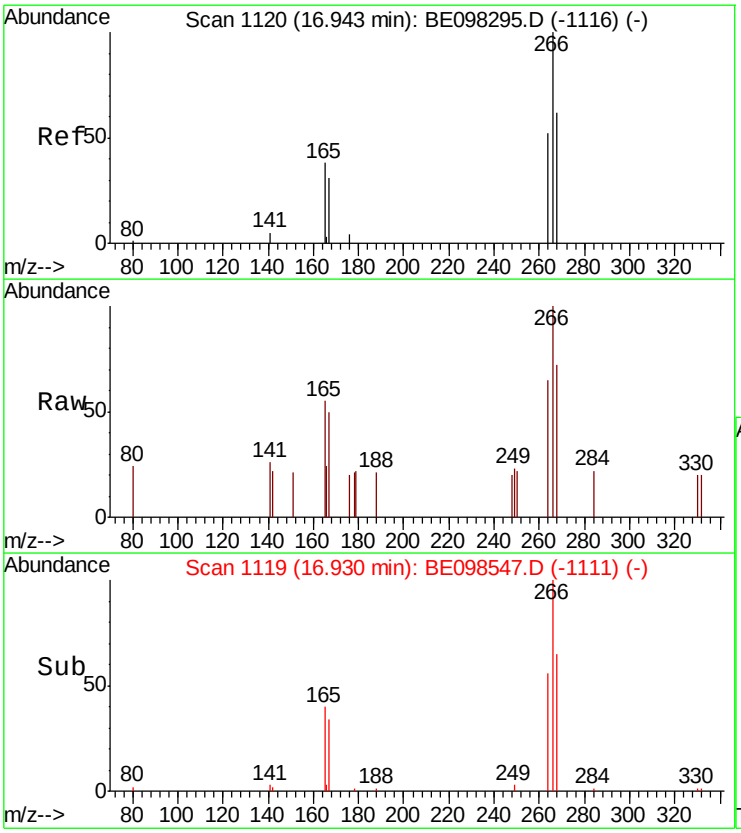
#21
Hexachlorobenzene
Concen: 0.381 ng
RT: 16.57 min Scan# 1088
Delta R.T. -0.01 min
Lab File: BE098547.D
Acq: 21 Dec 2018 9:33

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:284 Resp: 1776

Ion	Ratio	Lower	Upper
284	100		
142	34.9	26.3	39.5
249	35.6	26.0	39.0

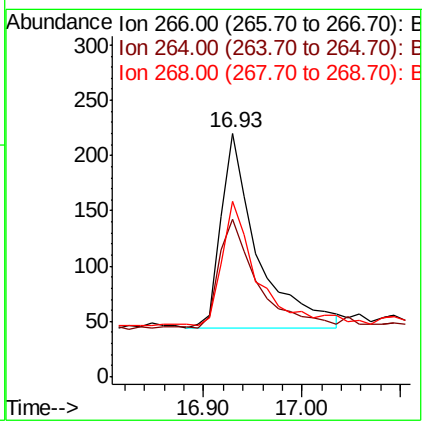


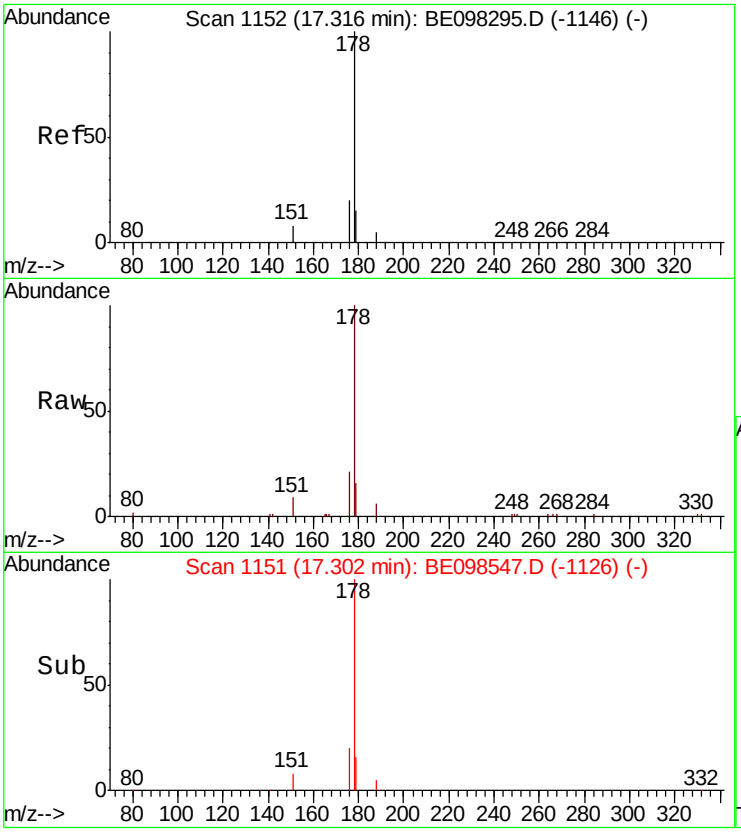


#22
Pentachlorophenol
Concen: 0.571 ng
RT: 16.93 min Scan# 1119
Delta R.T. -0.01 min
Lab File: BE098547.D
Acq: 21 Dec 2018 9:33

Tgt Ion:266 Resp: 455

Ion	Ratio	Lower	Upper
266	100		
264	65.0	59.0	88.4
268	72.3	55.1	82.7



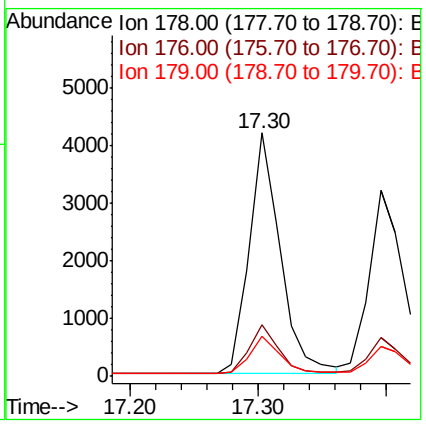


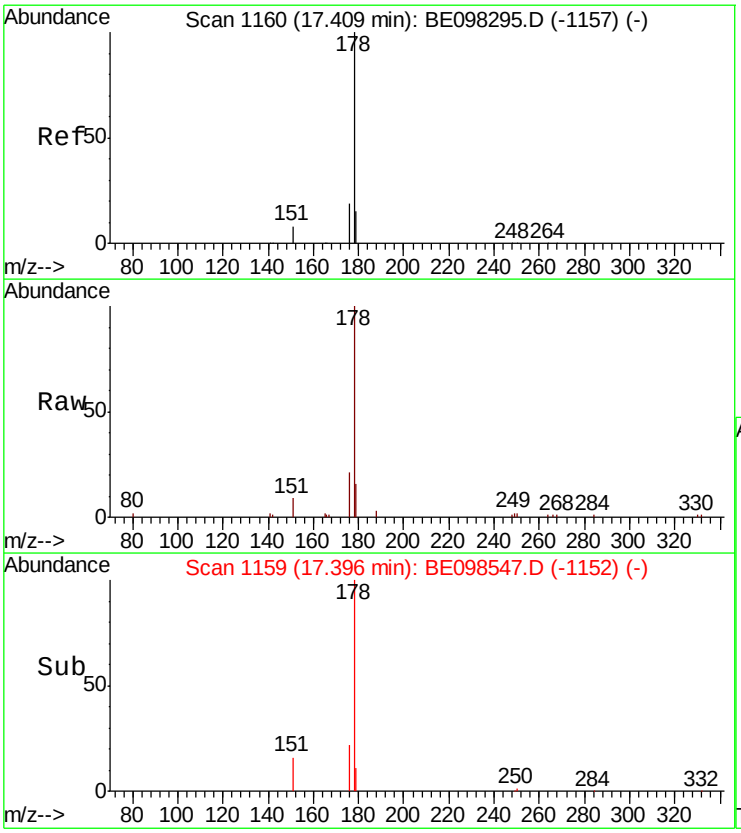
#23
Phenanthrene
Concen: 0.363 ng
RT: 17.30 min Scan# 1151
Delta R.T. -0.01 min
Lab File: BE098547.D
Acq: 21 Dec 2018 9:33

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 7110

Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.9	23.9
179	15.6	12.3	18.5

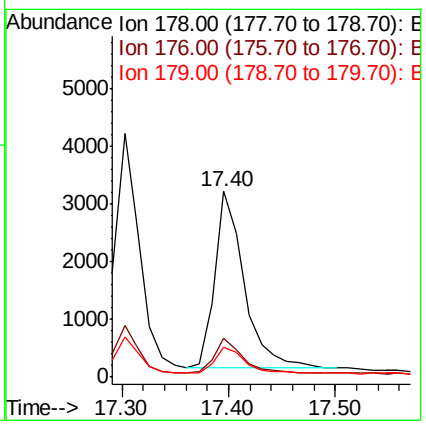


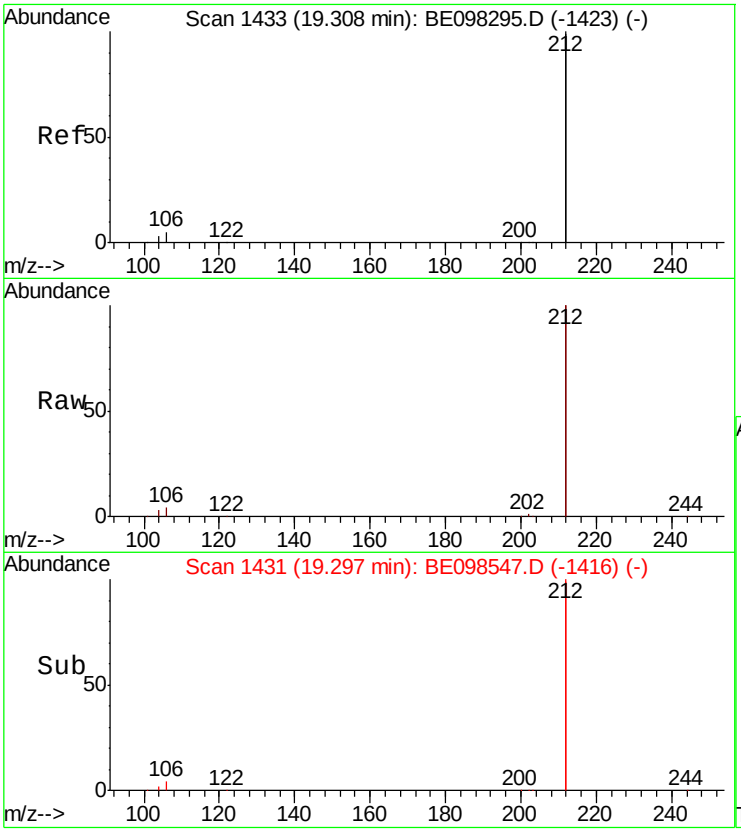


#24
Anthracene
Concen: 0.335 ng
RT: 17.40 min Scan# 1159
Delta R.T. -0.01 min
Lab File: BE098547.D
Acq: 21 Dec 2018 9:33

Tgt Ion:178 Resp: 5856

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.0	22.4
179	15.4	12.3	18.5



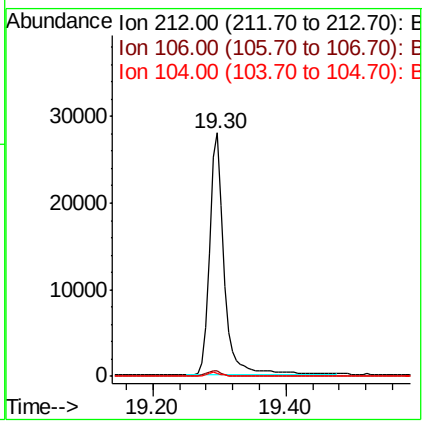


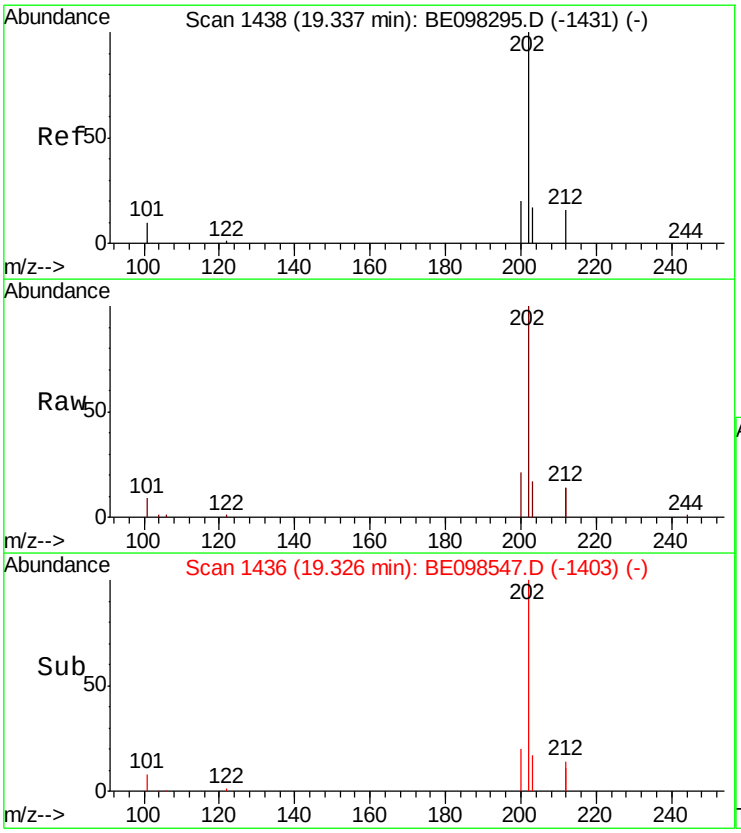
#25
Fluoranthene-d10
Concen: 0.407 ng
RT: 19.30 min Scan# 1431
Delta R.T. -0.01 min
Lab File: BE098547.D
Acq: 21 Dec 2018 9:33

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:212 Resp: 42128

Ion	Ratio	Lower	Upper
212	100		
106	2.3	2.2	3.2
104	1.3	1.3	1.9

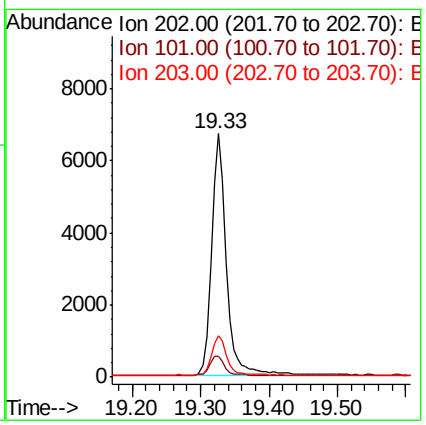


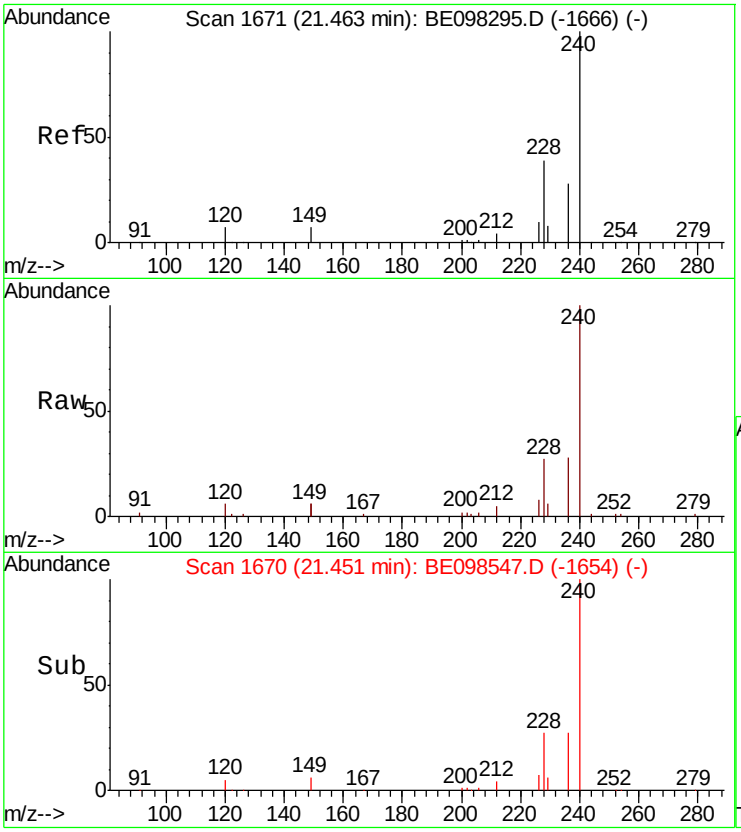


#26
Fluoranthene
Concen: 0.395 ng
RT: 19.33 min Scan# 1436
Delta R.T. -0.01 min
Lab File: BE098547.D
Acq: 21 Dec 2018 9:33

Tgt Ion:202 Resp: 10232

Ion	Ratio	Lower	Upper
202	100		
101	8.5	8.0	12.0
203	16.4	13.8	20.6



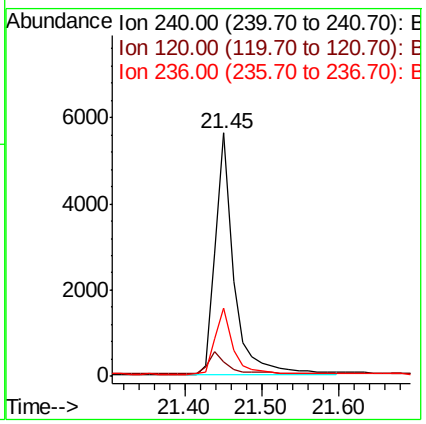


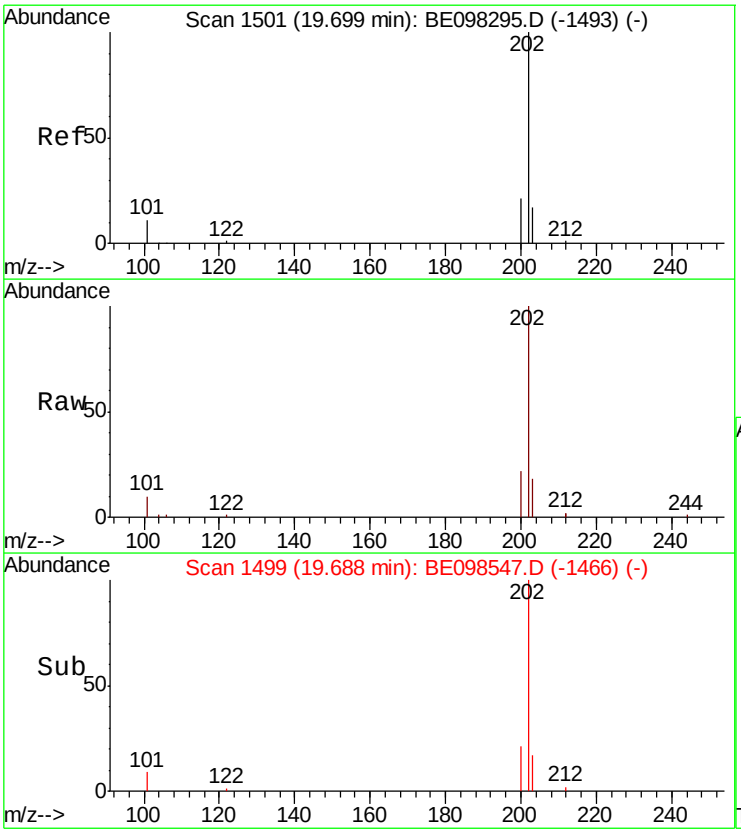
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.45 min Scan# 1670
Delta R.T. -0.01 min
Lab File: BE098547.D
Acq: 21 Dec 2018 9:33

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:240 Resp: 9409

Ion	Ratio	Lower	Upper
240	100		
120	6.0	9.5	14.3#
236	27.9	22.7	34.1

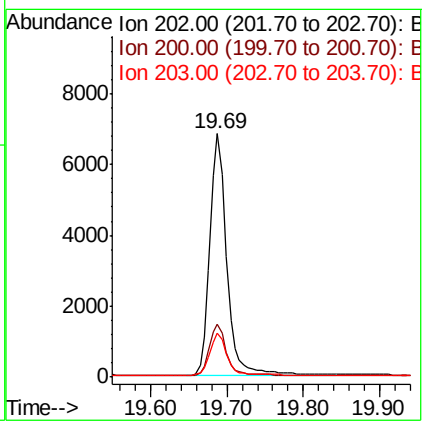


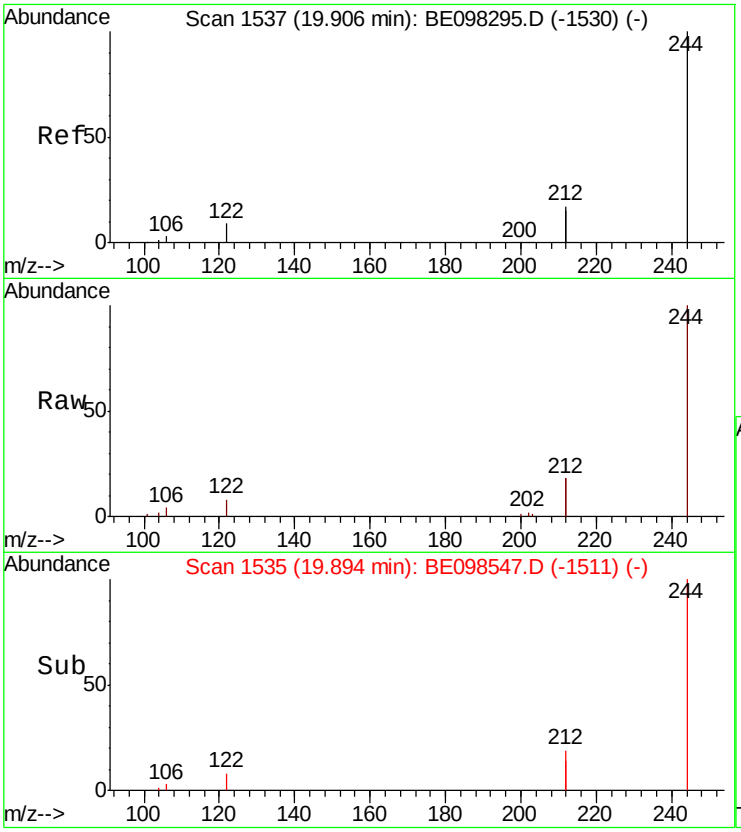


#28
Pyrene
Concen: 0.355 ng
RT: 19.69 min Scan# 1499
Delta R.T. -0.01 min
Lab File: BE098547.D
Acq: 21 Dec 2018 9:33

Tgt Ion:202 Resp: 10483

Ion	Ratio	Lower	Upper
202	100		
200	21.1	16.7	25.1
203	17.3	14.1	21.1



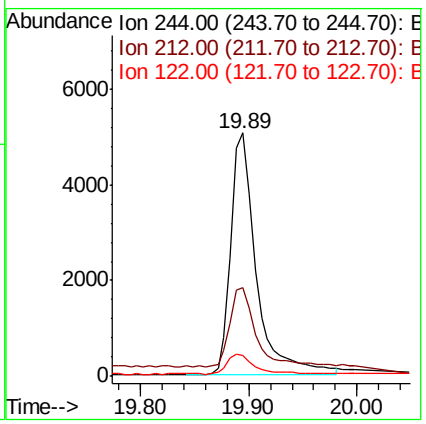


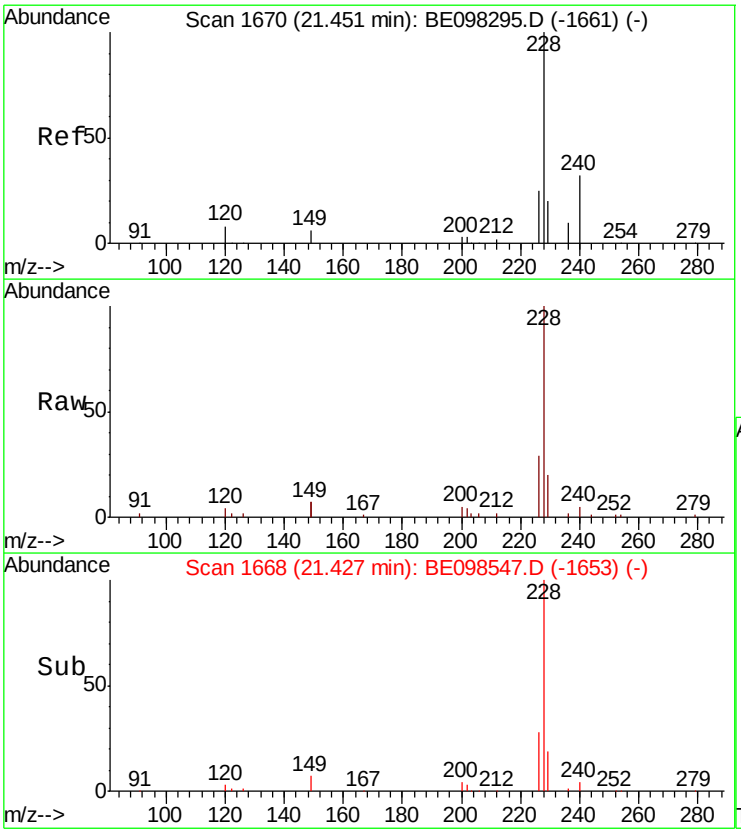
#29
Terphenyl-d14
Concen: 0.356 ng
RT: 19.89 min Scan# 1535
Delta R.T. -0.01 min
Lab File: BE098547.D
Acq: 21 Dec 2018 9:33

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:244 Resp: 8135

Ion	Ratio	Lower	Upper
244	100		
212	36.7	27.4	41.0
122	8.5	8.3	12.5

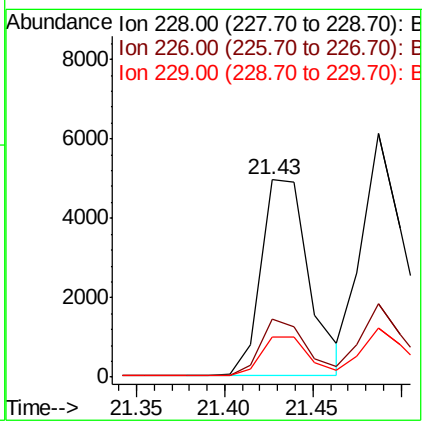


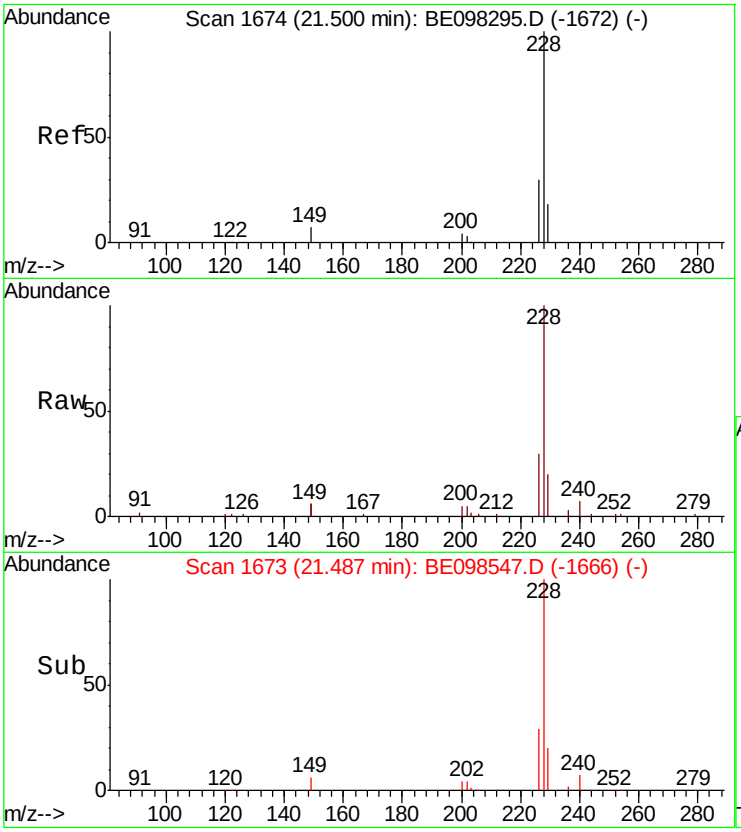


#30
Benzo(a)anthracene
Concen: 0.348 ng
RT: 21.43 min Scan# 1668
Delta R.T. -0.02 min
Lab File: BE098547.D
Acq: 21 Dec 2018 9:33

Tgt Ion:228 Resp: 9331

Ion	Ratio	Lower	Upper
228	100		
226	29.3	21.8	32.8
229	20.1	16.3	24.5



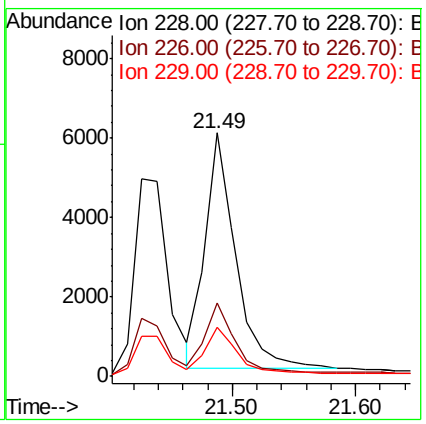


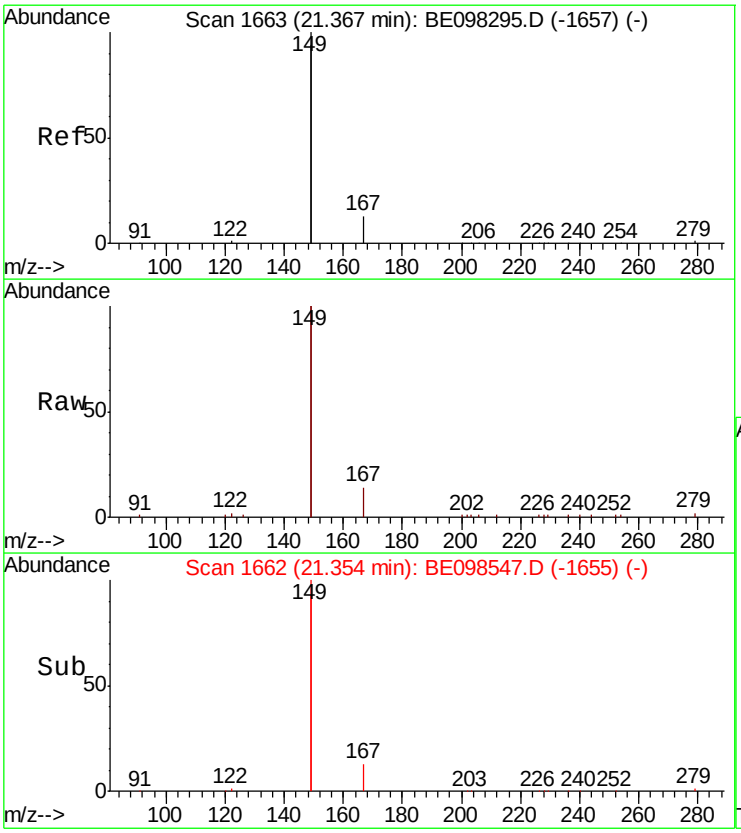
#31
Chrysene
Concen: 0.362 ng
RT: 21.49 min Scan# 1673
Delta R.T. -0.01 min
Lab File: BE098547.D
Acq: 21 Dec 2018 9:33

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 10155

Ion	Ratio	Lower	Upper
228	100		
226	30.0	23.4	35.0
229	20.3	16.2	24.4

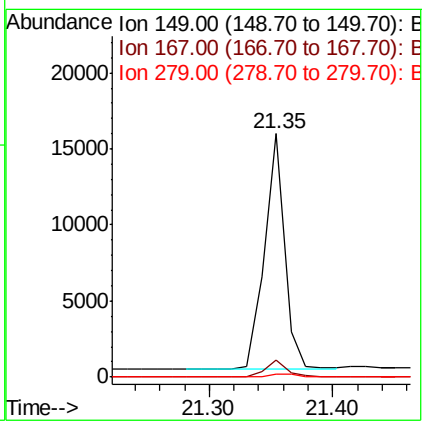


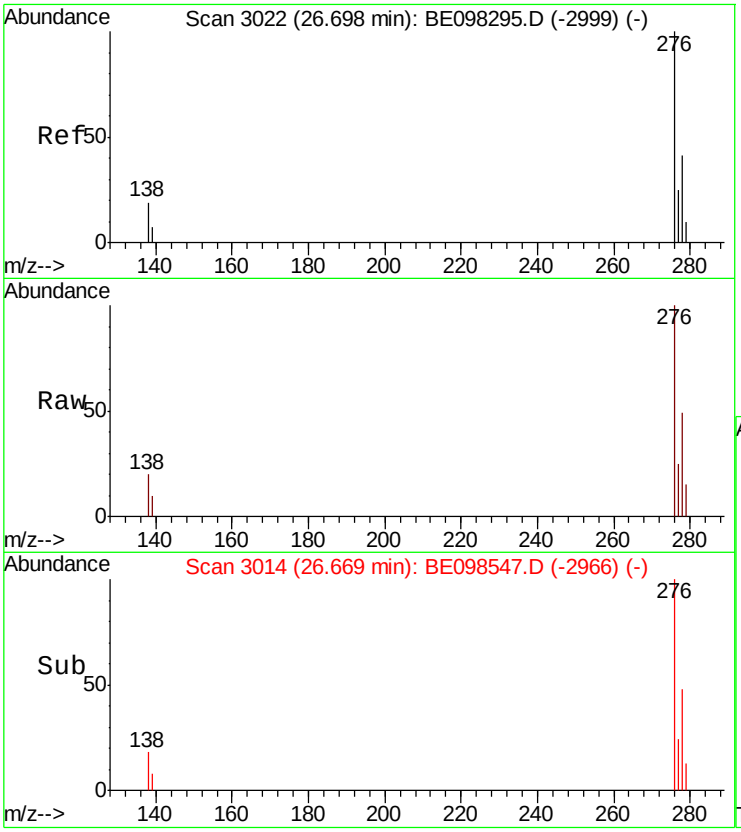


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.327 ng
RT: 21.35 min Scan# 1662
Delta R.T. -0.01 min
Lab File: BE098547.D
Acq: 21 Dec 2018 9:33

Tgt Ion:149 Resp: 17814

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



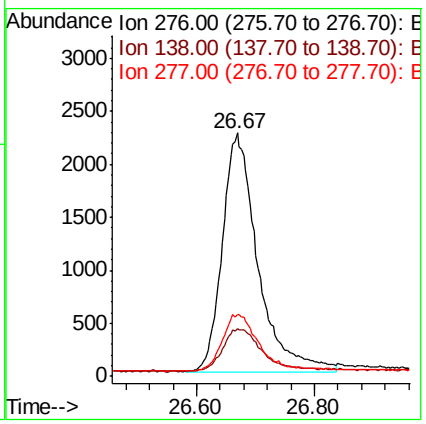


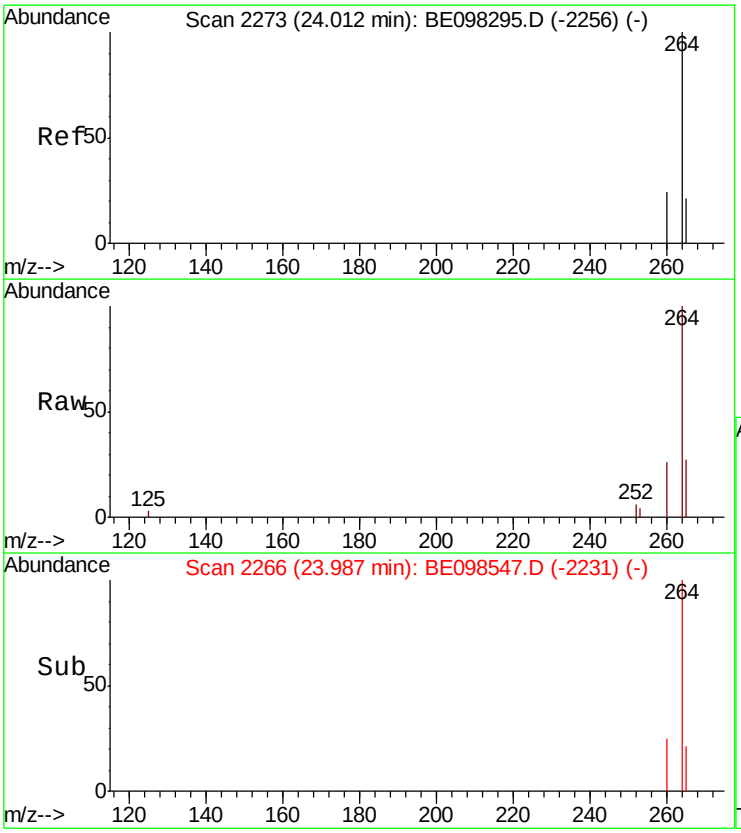
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.335 ng
RT: 26.67 min Scan# 3014
Delta R.T. -0.03 min
Lab File: BE098547.D
Acq: 21 Dec 2018 9:33

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 9369

Ion	Ratio	Lower	Upper
276	100		
138	18.7	16.3	24.5
277	23.9	20.2	30.4

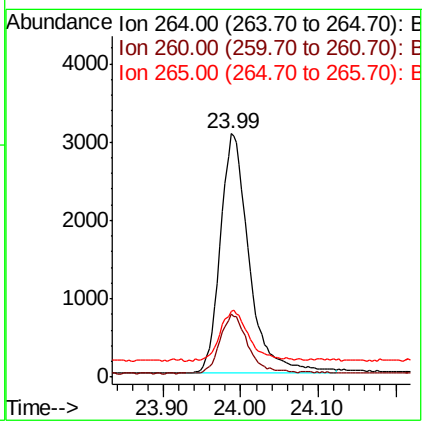


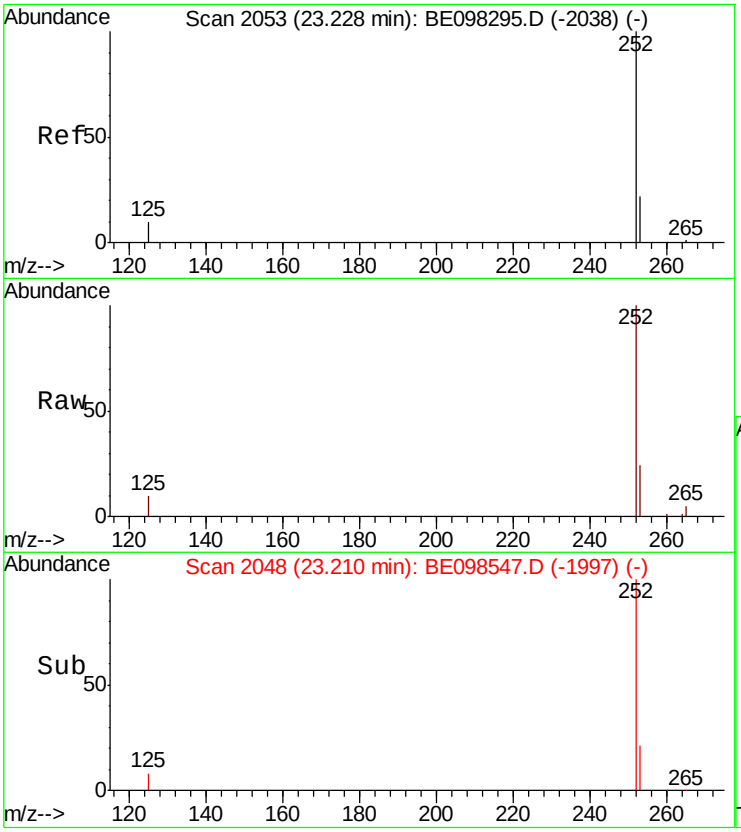


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.99 min Scan# 2266
Delta R.T. -0.02 min
Lab File: BE098547.D
Acq: 21 Dec 2018 9:33

Tgt Ion:264 Resp: 7904

Ion	Ratio	Lower	Upper
264	100		
260	25.8	20.2	30.2
265	27.1	25.2	37.8



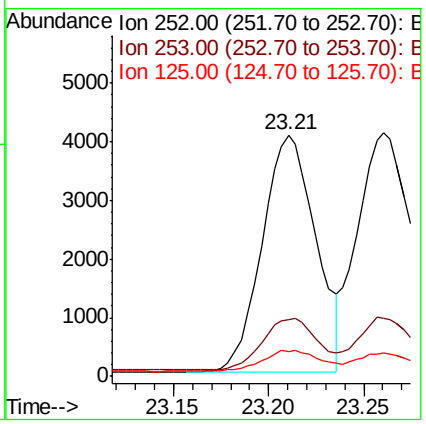


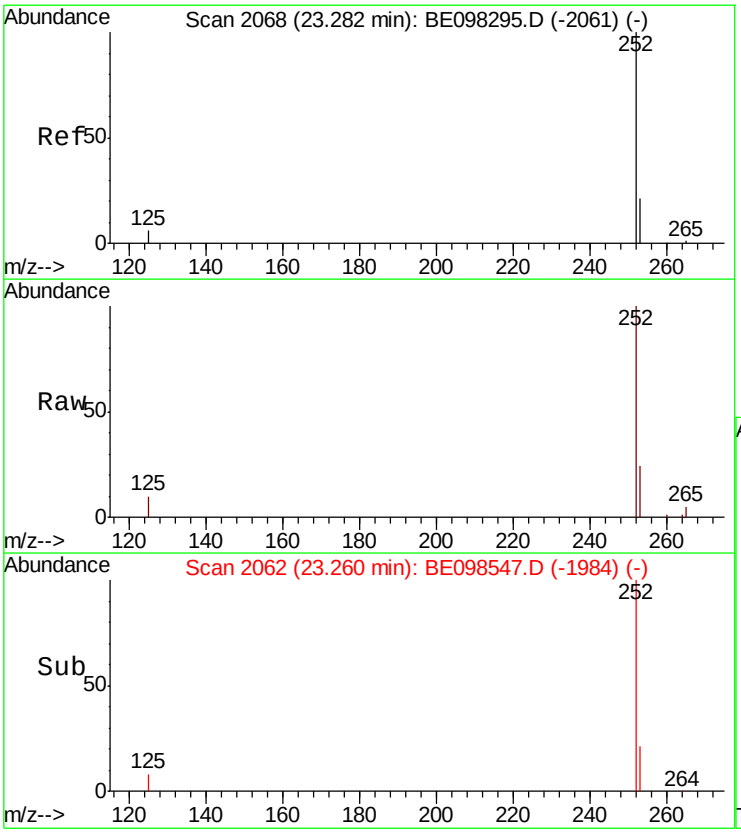
#35
Benzo(b)fluoranthene
Concen: 0.366 ng
RT: 23.21 min Scan# 2048
Delta R.T. -0.02 min
Lab File: BE098547.D
Acq: 21 Dec 2018 9:33

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 7913

Ion	Ratio	Lower	Upper
252	100		
253	23.6	20.0	30.0
125	10.3	9.6	14.4

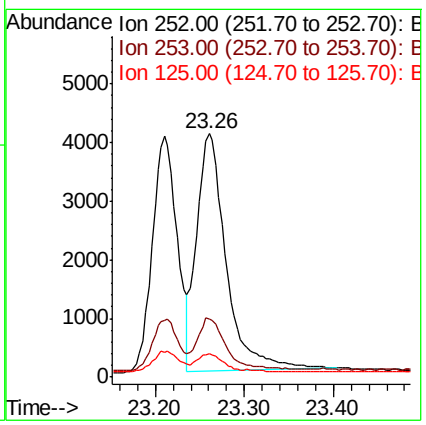


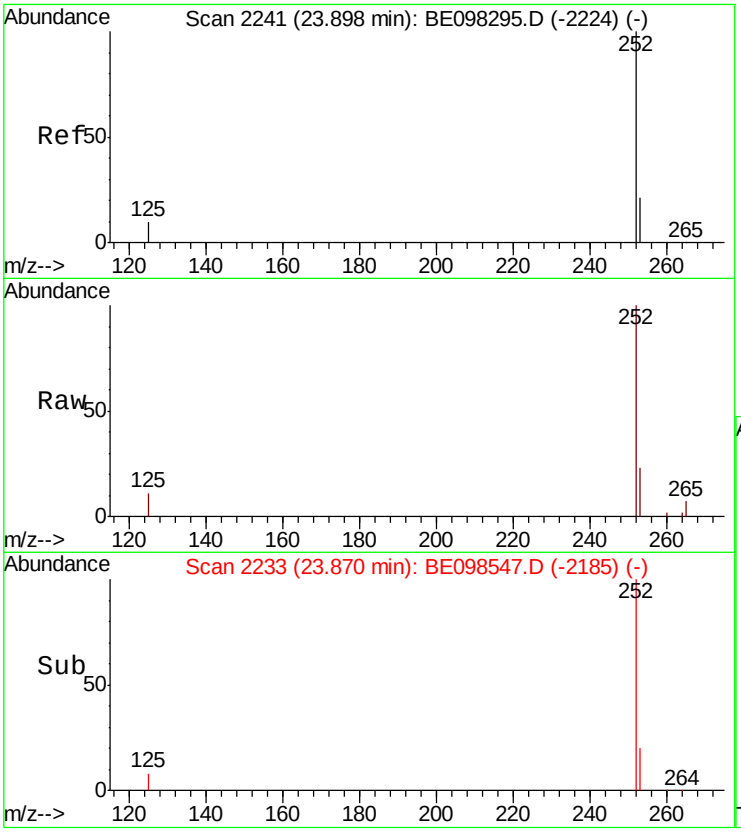


#36
Benzo(k)fluoranthene
Concen: 0.369 ng
RT: 23.26 min Scan# 2062
Delta R.T. -0.02 min
Lab File: BE098547.D
Acq: 21 Dec 2018 9:33

Tgt Ion:252 Resp: 9285

Ion	Ratio	Lower	Upper
252	100		
253	23.7	19.0	28.6
125	9.7	9.1	13.7



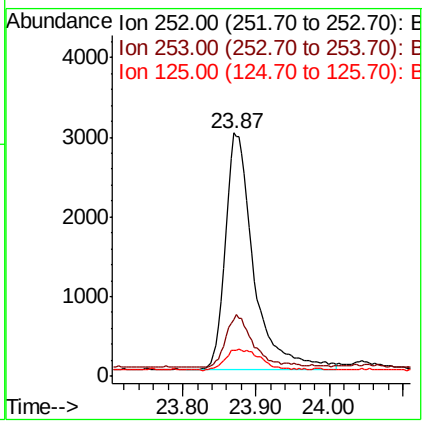


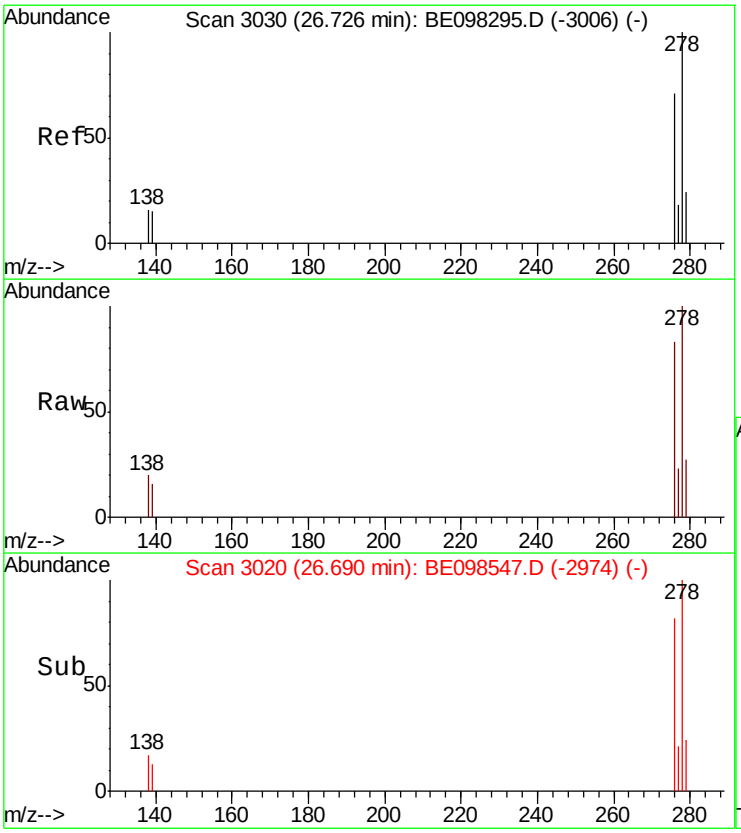
#37
Benzo(a)pyrene
Concen: 0.363 ng
RT: 23.87 min Scan# 2233
Delta R.T. -0.03 min
Lab File: BE098547.D
Acq: 21 Dec 2018 9:33

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 8091

Ion	Ratio	Lower	Upper
252	100		
253	23.4	20.6	30.8
125	10.9	10.5	15.7

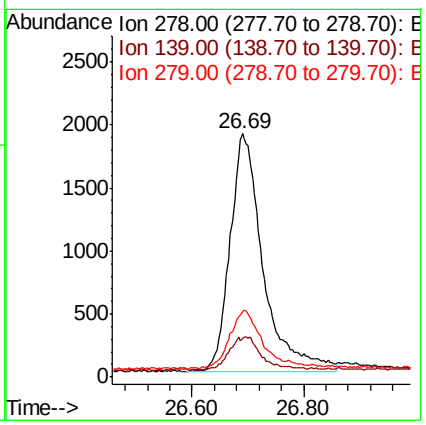


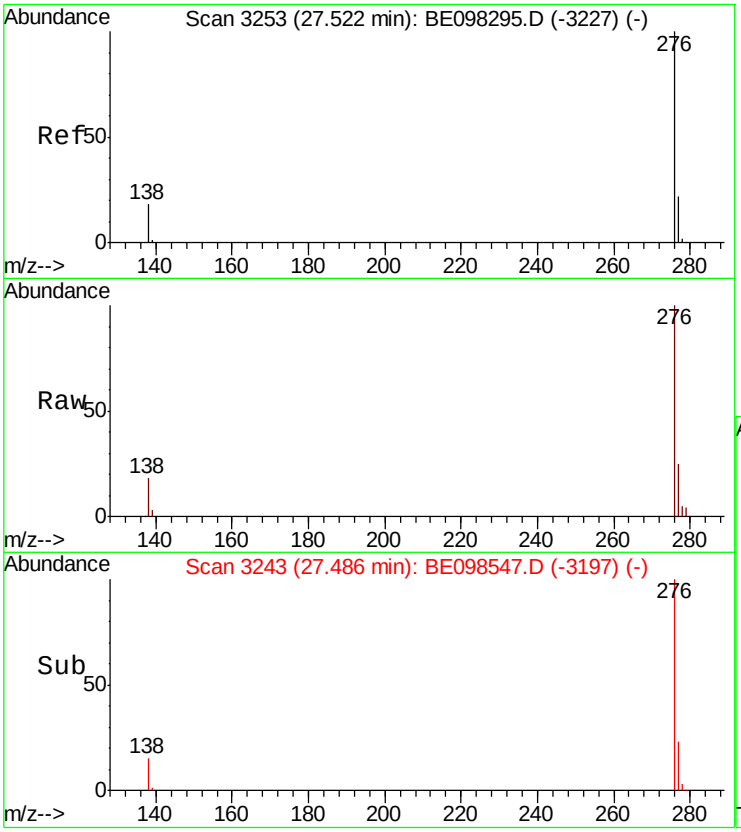


#38
Dibenzo(a,h)anthracene
Concen: 0.368 ng
RT: 26.69 min Scan# 3020
Delta R.T. -0.04 min
Lab File: BE098547.D
Acq: 21 Dec 2018 9:33

Tgt Ion:278 Resp: 7738

Ion	Ratio	Lower	Upper
278	100		
139	15.8	14.5	21.7
279	27.2	21.8	32.8





#39
Benzo(g,h,i)perylene
Concen: 0.371 ng
RT: 27.49 min Scan# 3243
Delta R.T. -0.04 min
Lab File: BE098547.D
Acq: 21 Dec 2018 9:33

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 7860

Ion	Ratio	Lower	Upper
276	100		
277	24.7	20.8	31.2
138	17.7	15.8	23.6