Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE121318\
Data File : BE098397.D
Acq On : 13 Dec 2018 15:16
Operator : SJ/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDCCC0.4

Quant Time: Dec 13 20:47:01 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	7.86	152	1224	0.40	ng		0.00
7) Naphthalene-d8	10.65	136	5305	0.40	ng		-0.01
13) Acenaphthene-d10	14.53	164	3442	0.40	ng		0.00
19) Phenanthrene-d10	17.27	188	9329	0.40	ng		-0.01
27) Chrysene-d12	21.46	240	11362	0.40	ng		0.00
34) Perylene-d12	24.00	264	10901	0.40	ng		-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.46	112	1086	0.38	ng		0.01
5) Phenol-d6	7.04	99	1589	0.39	ng		0.00
8) Nitrobenzene-d5	9.03	82	1843	0.38	ng		0.01
11) 2-Methylnaphthalene-d10	12.27	152	3223	0.37	ng		0.00
14) 2,4,6-Tribromophenol	16.02	330	488	0.39	ng		0.00
15) 2-Fluorobiphenyl	13.15	172	5272	0.36	ng		0.00
25) Fluoranthene-d10	19.30	212	47337	0.40	ng		0.00
29) Terphenyl-d14	19.90	244	8726	0.32	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.37	88	777	0.367	ng		96
3) n-Nitrosodimethylamine	3.70	42	462	0.242	ng	#	100
6) bis(2-Chloroethyl)ether	7.29	93	1244	0.323	ng		86
9) Naphthalene	10.71	128	20785	0.389	ng		99
10) Hexachlorobutadiene	10.99	225	1381	0.406	ng		99
12) 2-Methylnaphthalene	12.34	142	3116	0.359	ng		97
16) Acenaphthylene	14.24	152	6183	0.383	ng		99
17) Acenaphthene	14.59	154	3670	0.379	ng		97
18) Fluorene	15.57	166	4962	0.383	ng		99
20) 4-Bromophenyl-phenylether	16.46	248	1712	0.341	ng		87
21) Hexachlorobenzene	16.58	284	2066	0.383	ng		95
22) Pentachlorophenol	16.94	266	267	0.318	ng		92
23) Phenanthrene	17.31	178	8578	0.378	ng		99
24) Anthracene	17.41	178	6875	0.340	ng		99
26) Fluoranthene	19.33	202	12072	0.402	ng		99
28) Pyrene	19.69	202	12298	0.345	ng		100
30) Benzo(a)anthracene	21.44	228	11694	0.361	ng		98
31) Chrysene	21.50	228	12608	0.372	ng		100
32) Bis(2-ethylhexyl)phthalate	21.35	149	19863	0.302	ng		99
33) Indeno(1,2,3-cd)pyrene	26.68	276	13006	0.386	ng		98
35) Benzo(b)fluoranthene	23.27	252	13830	0.464	ng		97
36) Benzo(k)fluoranthene	23.27	252	14055	0.405	ng		99
37) Benzo(a)pyrene	23.89	252	11546	0.375	ng		97
38) Dibenzo(a,h)anthracene	26.72	278	10697	0.369	ng	#	91
39) Benzo(g,h,i)perylene	27.52	276	10894	0.373	ng		99

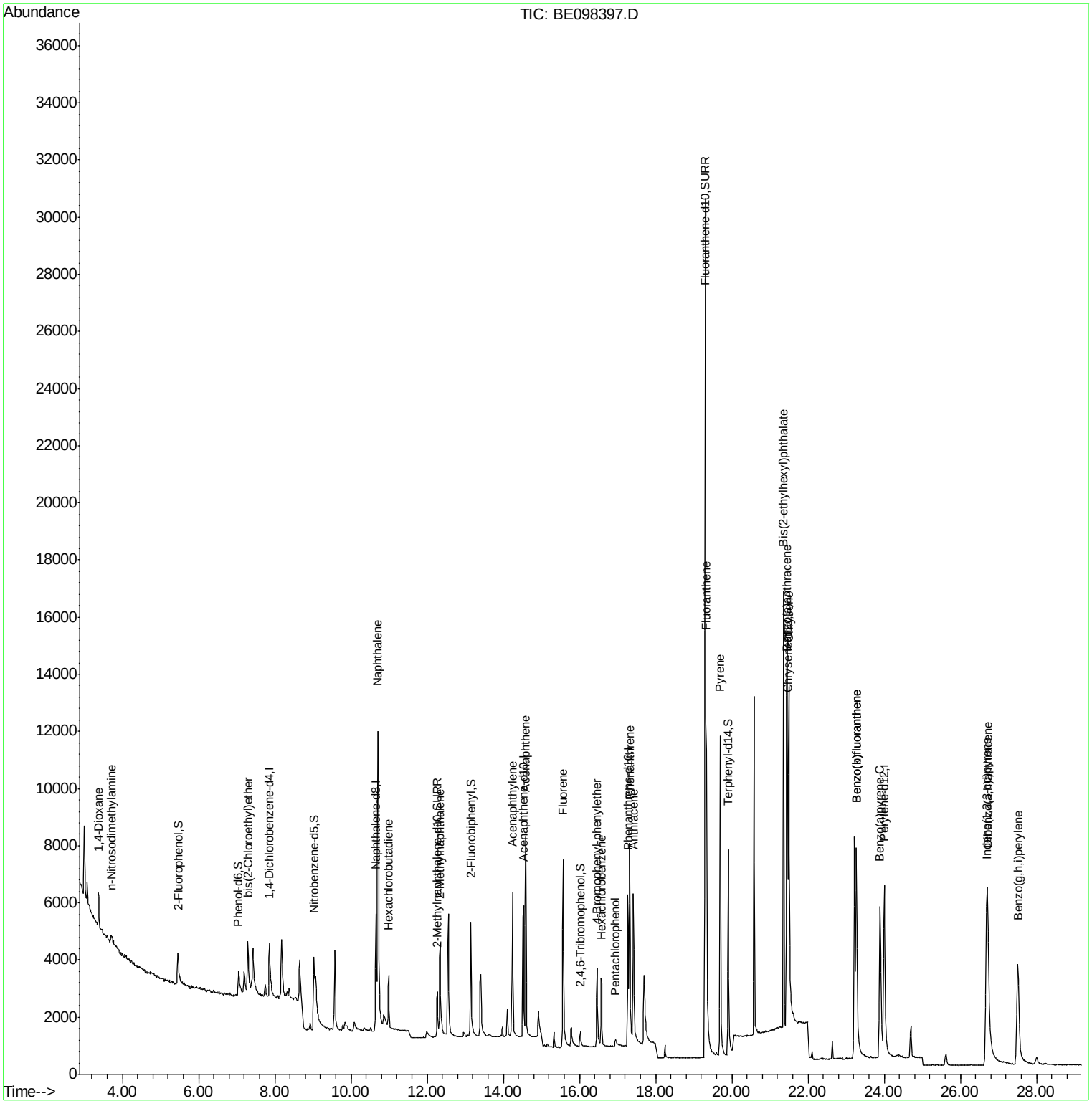
(#) = qualifier out of range (m) = manual integration (+) = signals summed

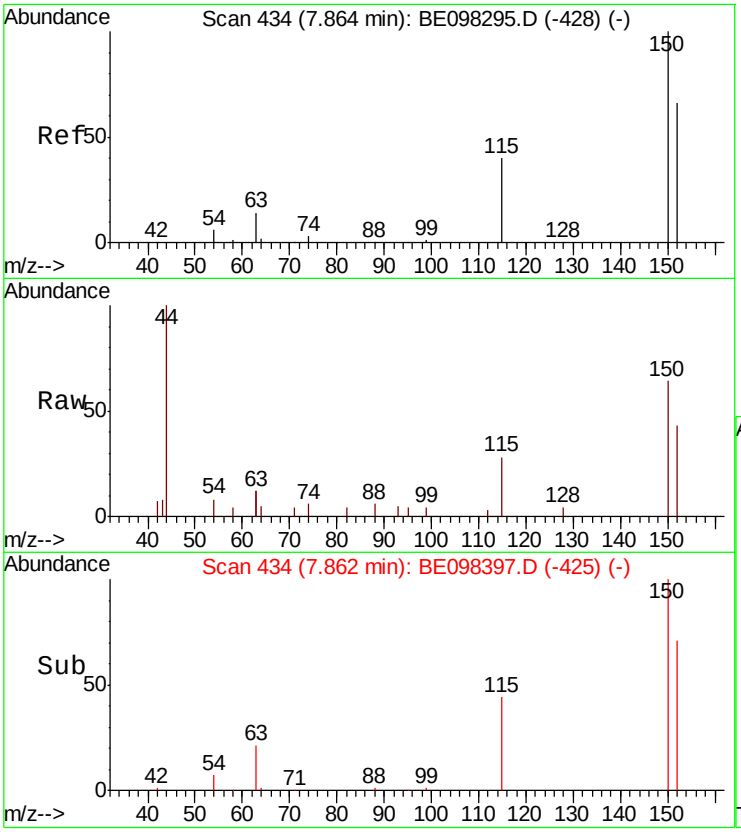
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE121318\
Data File : BE098397.D
Acq On : 13 Dec 2018 15:16
Operator : SJ/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Quant Time: Dec 13 20:47:01 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



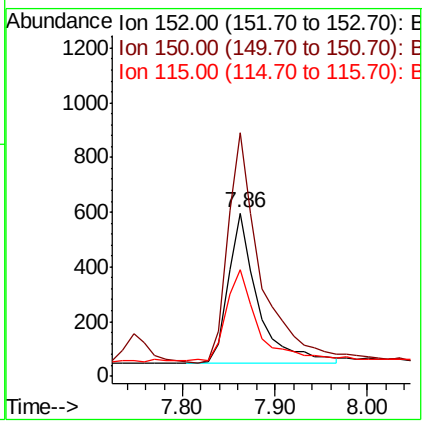


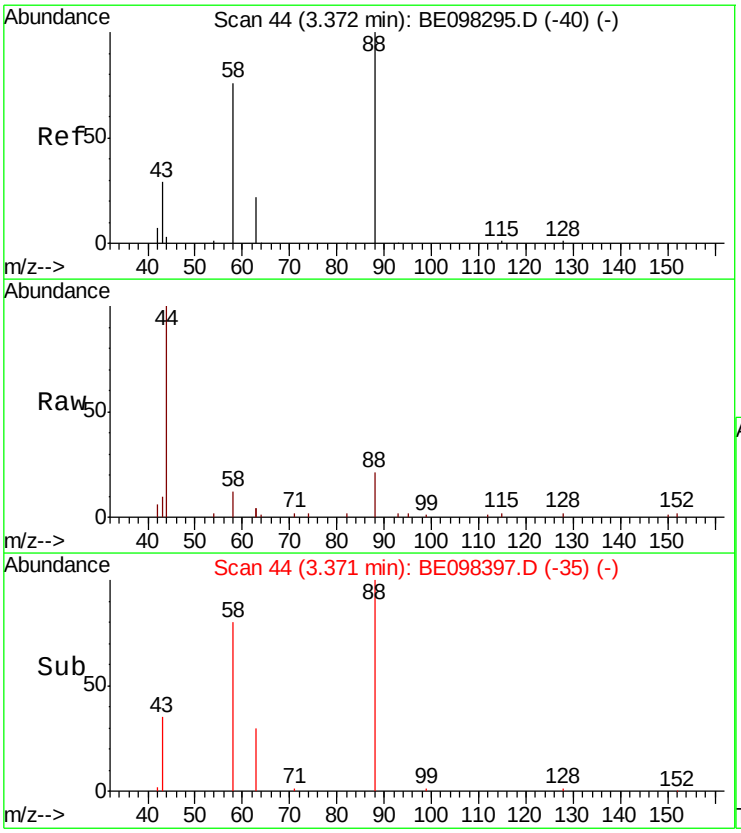
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.86 min Scan# 434
Delta R.T. -0.00 min
Lab File: BE098397.D
Acq: 13 Dec 2018 15:16

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:152 Resp: 1224

Ion	Ratio	Lower	Upper
152	100		
150	149.1	124.2	186.4
115	65.5	53.9	80.9

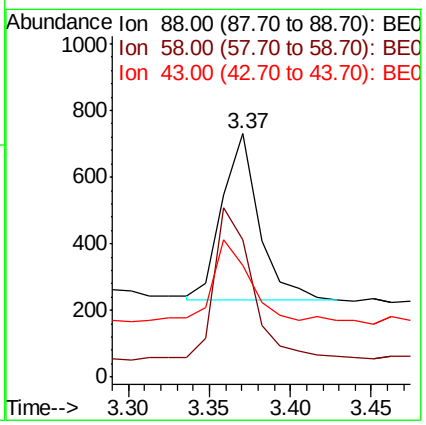


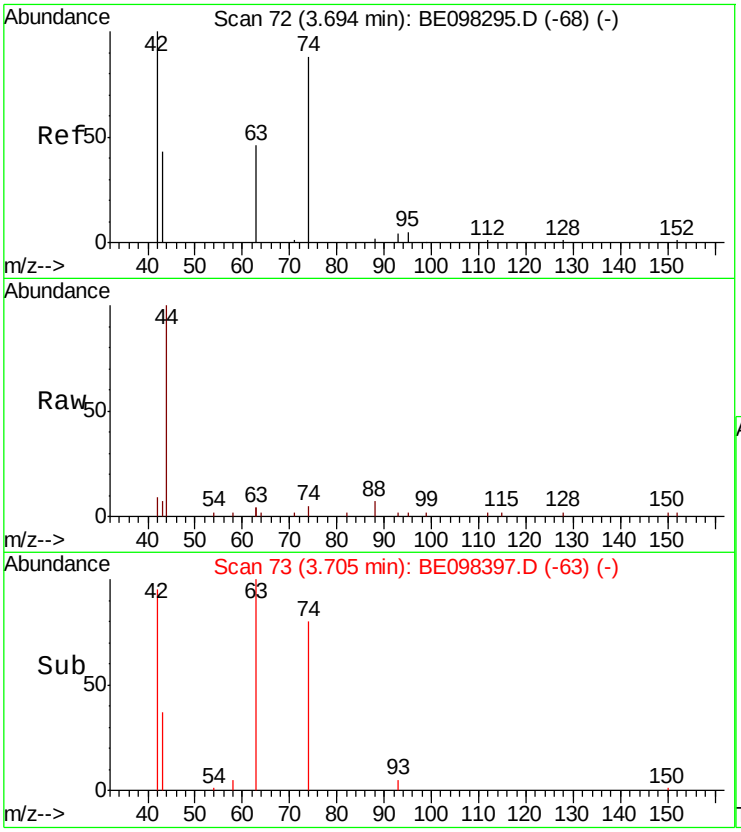


#2
1,4-Dioxane
Concen: 0.367 ng
RT: 3.37 min Scan# 44
Delta R.T. -0.00 min
Lab File: BE098397.D
Acq: 13 Dec 2018 15:16

Tgt Ion: 88 Resp: 777

Ion	Ratio	Lower	Upper
88	100		
58	96.7	75.0	112.6
43	52.5	38.3	57.5



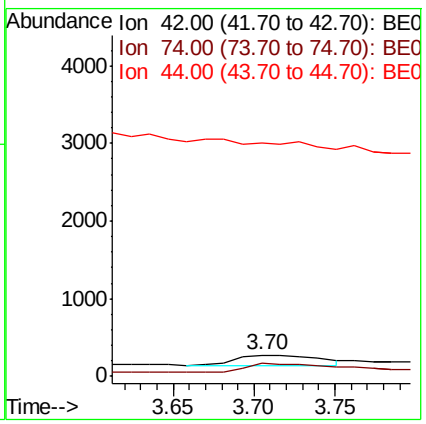


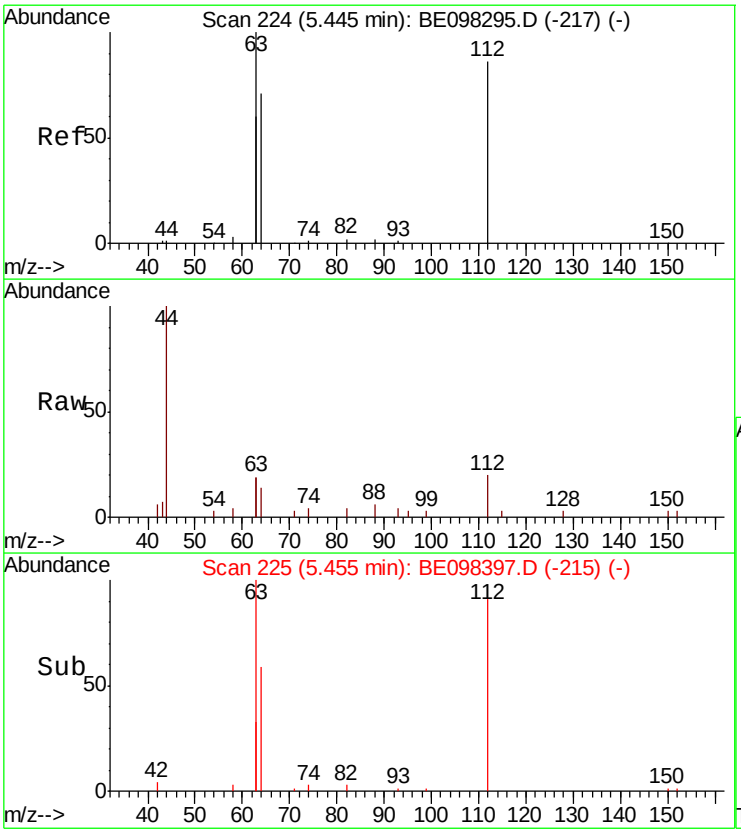
#3
n-Nitrosodimethylamine
Concen: 0.242 ng
RT: 3.70 min Scan# 73
Delta R.T. 0.01 min
Lab File: BE098397.D
Acq: 13 Dec 2018 15:16

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 42 Resp: 462

Ion	Ratio	Lower	Upper
42	100		
74	70.3	0.0	0.0#
44	0.0	0.0	0.0

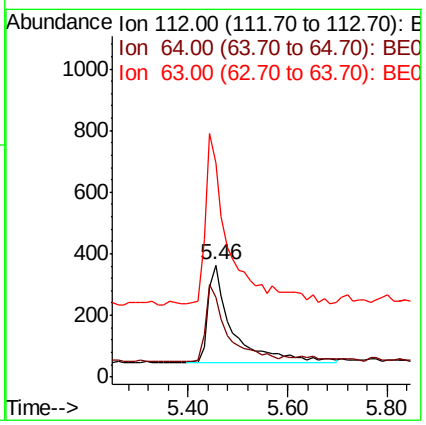


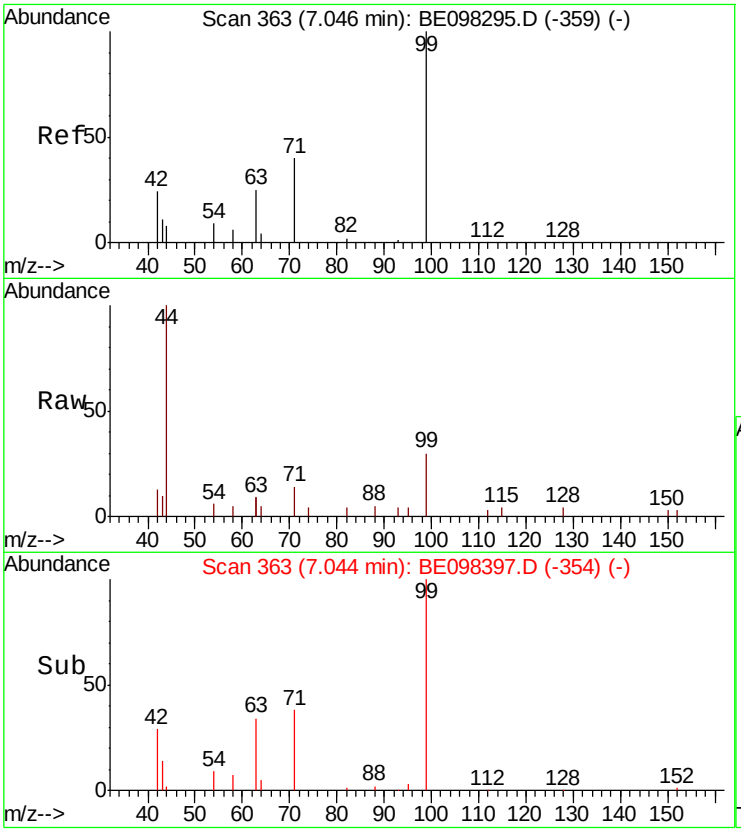


#4
2-Fluorophenol
Concen: 0.379 ng
RT: 5.46 min Scan# 225
Delta R.T. 0.01 min
Lab File: BE098397.D
Acq: 13 Dec 2018 15:16

Tgt Ion:112 Resp: 1086

Ion	Ratio	Lower	Upper
112	100		
64	69.9	59.8	89.8
63	155.5	133.7	200.5



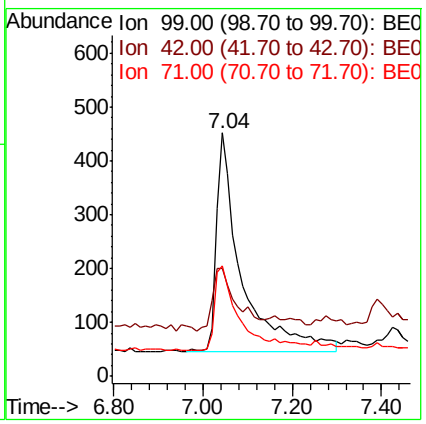


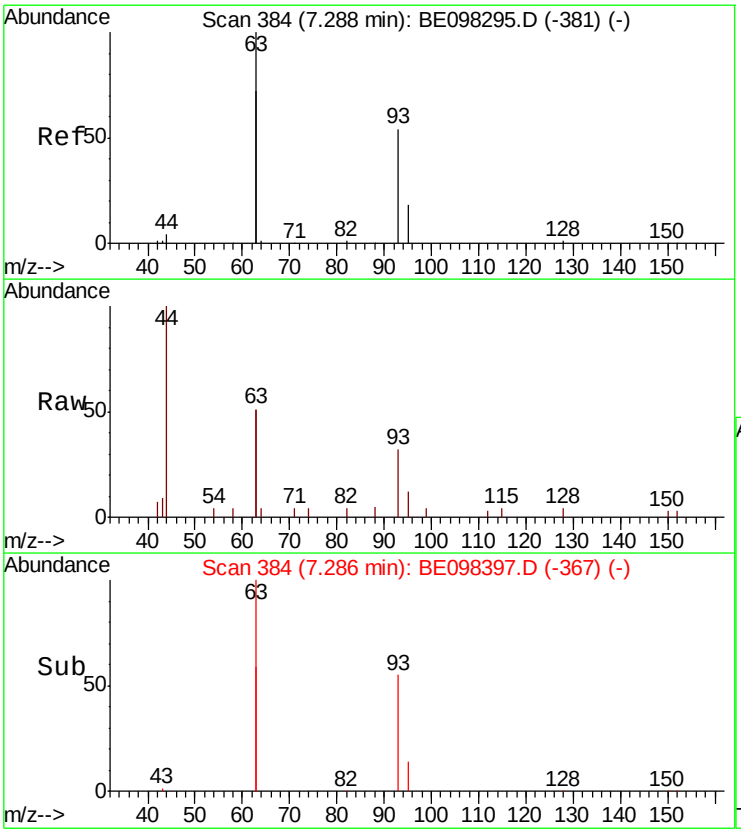
#5
Phenol-d6
Concen: 0.392 ng
RT: 7.04 min Scan# 363
Delta R.T. -0.00 min
Lab File: BE098397.D
Acq: 13 Dec 2018 15:16

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 99 Resp: 1589

Ion	Ratio	Lower	Upper
99	100		
42	27.3	26.3	39.5
71	40.0	33.6	50.4

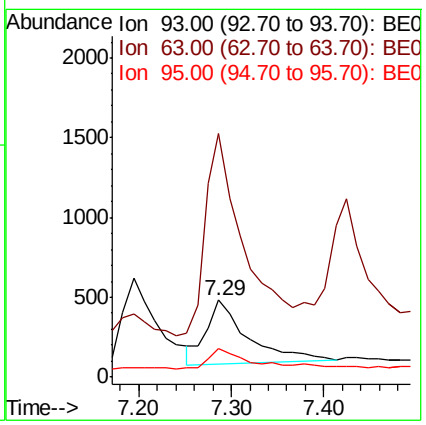


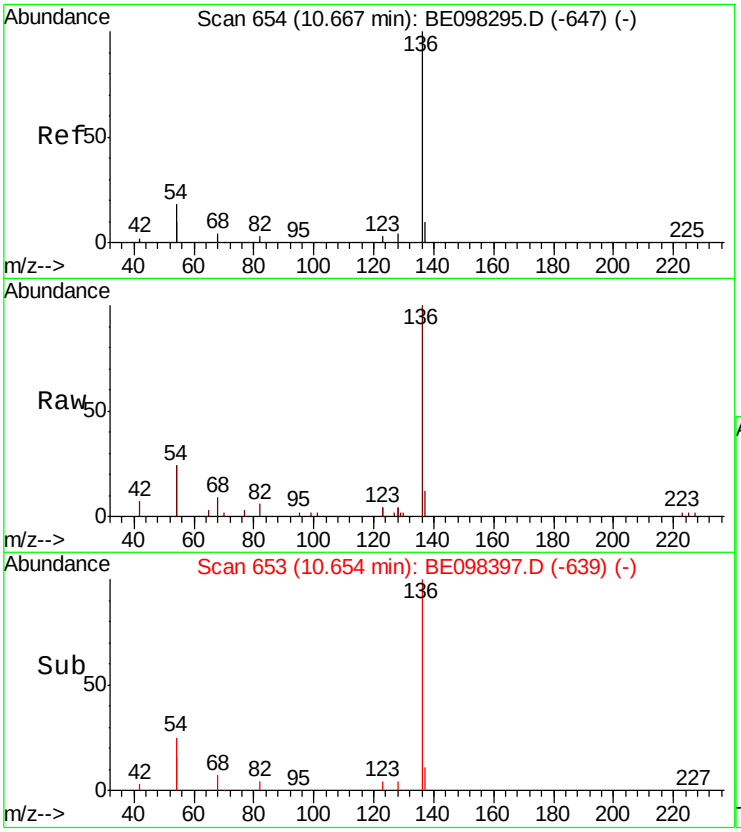


#6
bis(2-Chloroethyl)ether
Concen: 0.323 ng
RT: 7.29 min Scan# 384
Delta R.T. -0.00 min
Lab File: BE098397.D
Acq: 13 Dec 2018 15:16

Tgt Ion: 93 Resp: 1244

Ion	Ratio	Lower	Upper
93	100		
63	299.0	264.4	396.6
95	35.5	26.6	40.0



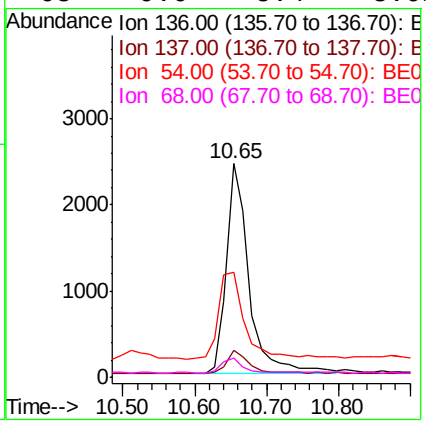


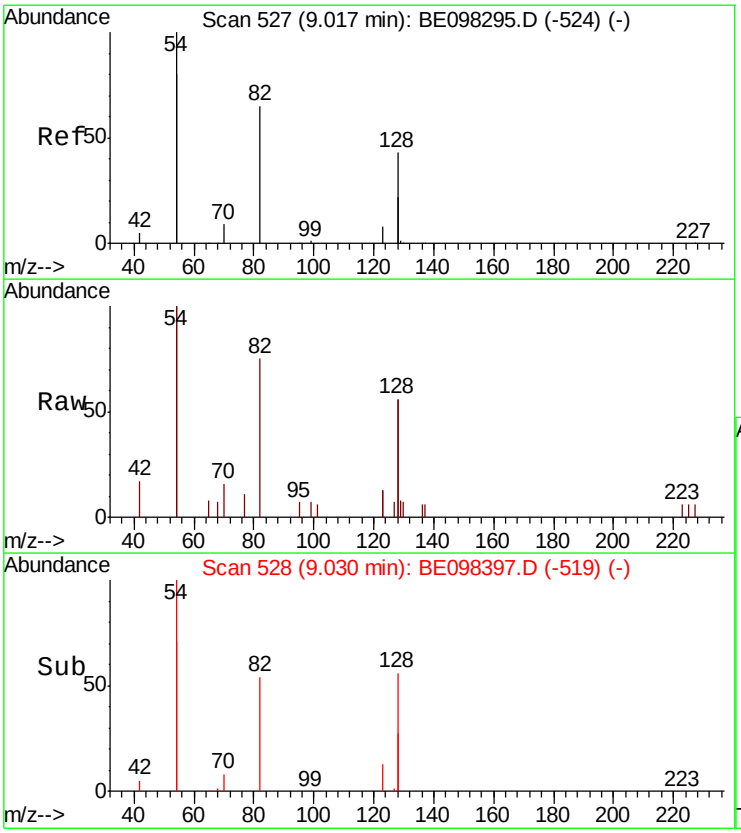
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.65 min Scan# 653
Delta R.T. -0.01 min
Lab File: BE098397.D
Acq: 13 Dec 2018 15:16

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:136 Resp: 5305

Ion	Ratio	Lower	Upper
136	100		
137	12.5	9.2	13.8
54	49.0	28.4	42.6#
68	9.0	5.4	8.0#

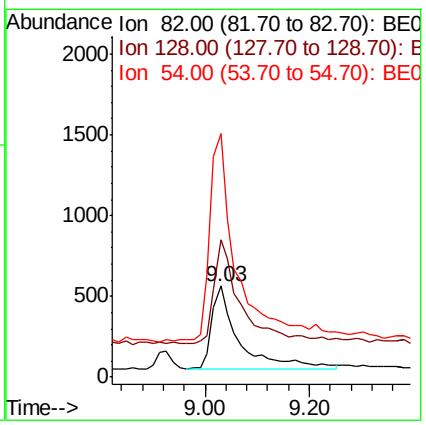


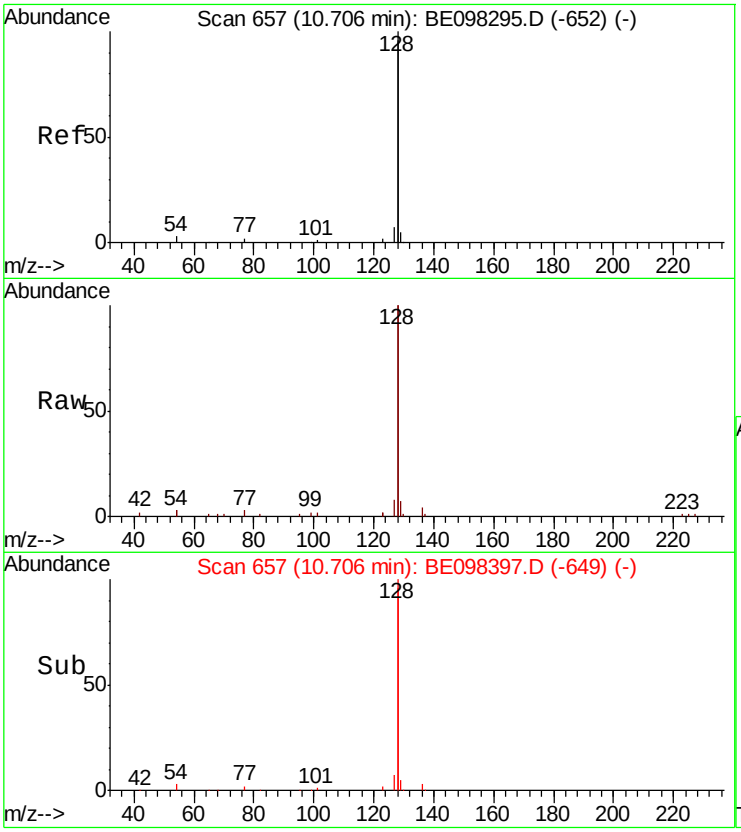


#8
Nitrobenzene-d5
Concen: 0.382 ng
RT: 9.03 min Scan# 528
Delta R.T. 0.01 min
Lab File: BE098397.D
Acq: 13 Dec 2018 15:16

Tgt Ion: 82 Resp: 1843

Ion	Ratio	Lower	Upper
82	100		
128	150.8	102.4	153.6
54	266.9	221.8	332.8



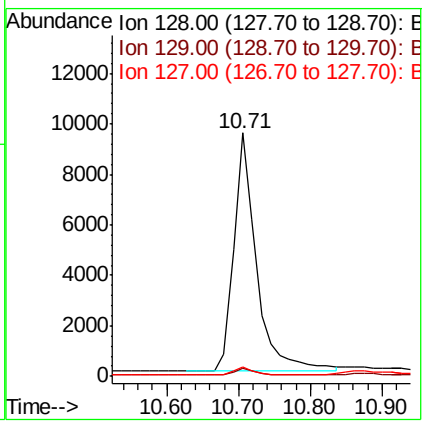


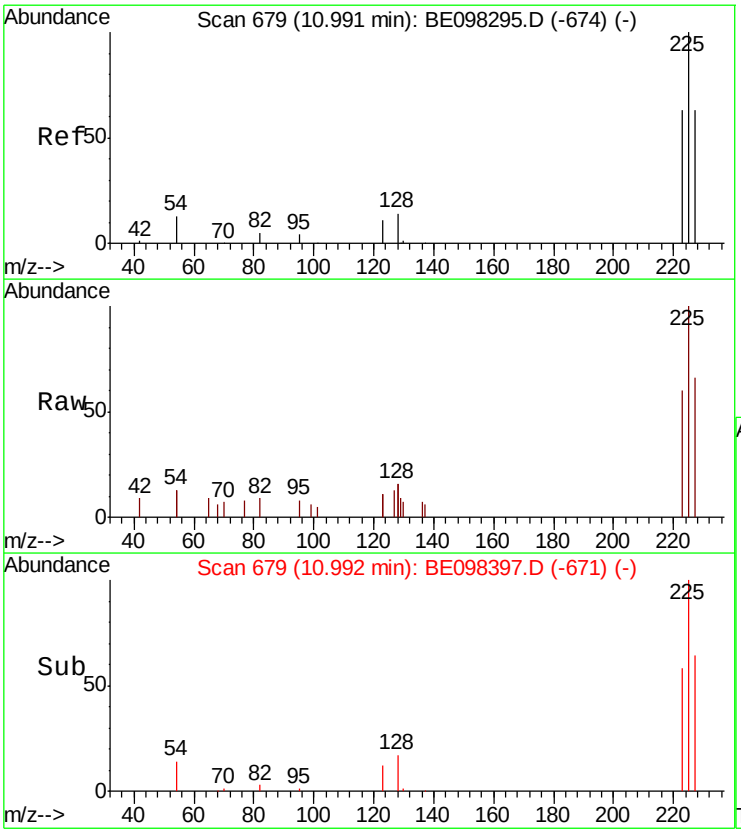
#9
Naphthalene
Concen: 0.389 ng
RT: 10.71 min Scan# 657
Delta R.T. 0.00 min
Lab File: BE098397.D
Acq: 13 Dec 2018 15:16

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:128 Resp: 20785

Ion	Ratio	Lower	Upper
128	100		
129	3.3	2.5	3.7
127	3.9	2.7	4.1

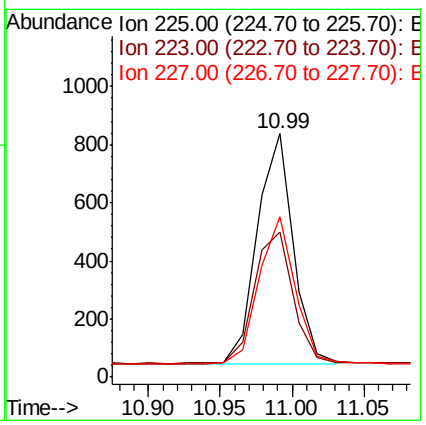


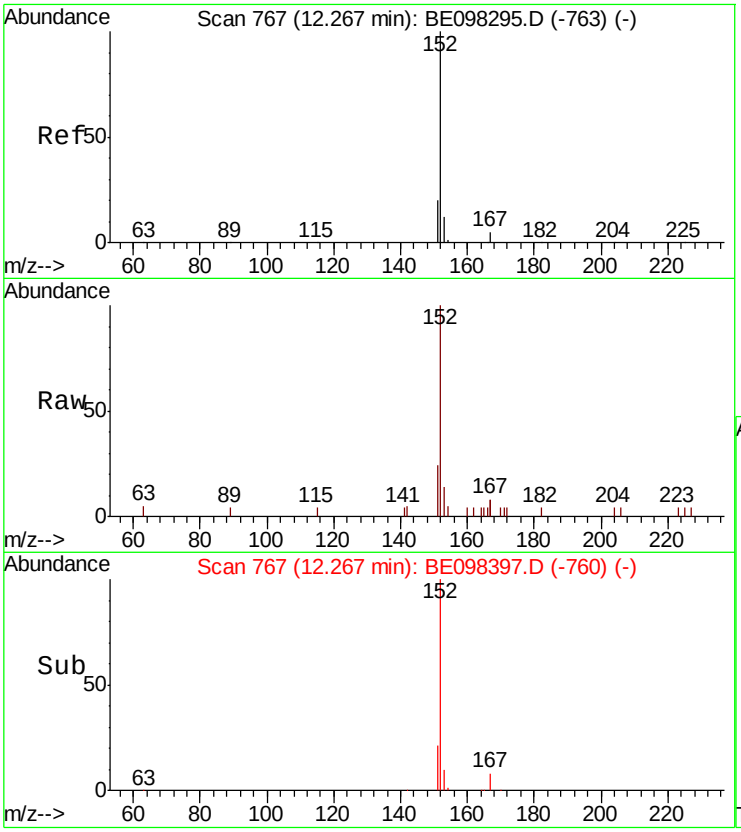


#10
Hexachlorobutadiene
Concen: 0.406 ng
RT: 10.99 min Scan# 679
Delta R.T. 0.00 min
Lab File: BE098397.D
Acq: 13 Dec 2018 15:16

Tgt Ion:225 Resp: 1381

Ion	Ratio	Lower	Upper
225	100		
223	61.2	49.4	74.0
227	64.7	52.0	78.0



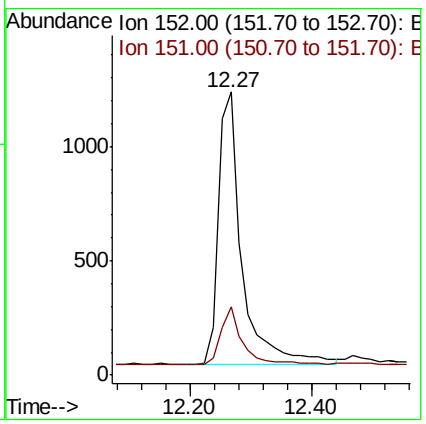


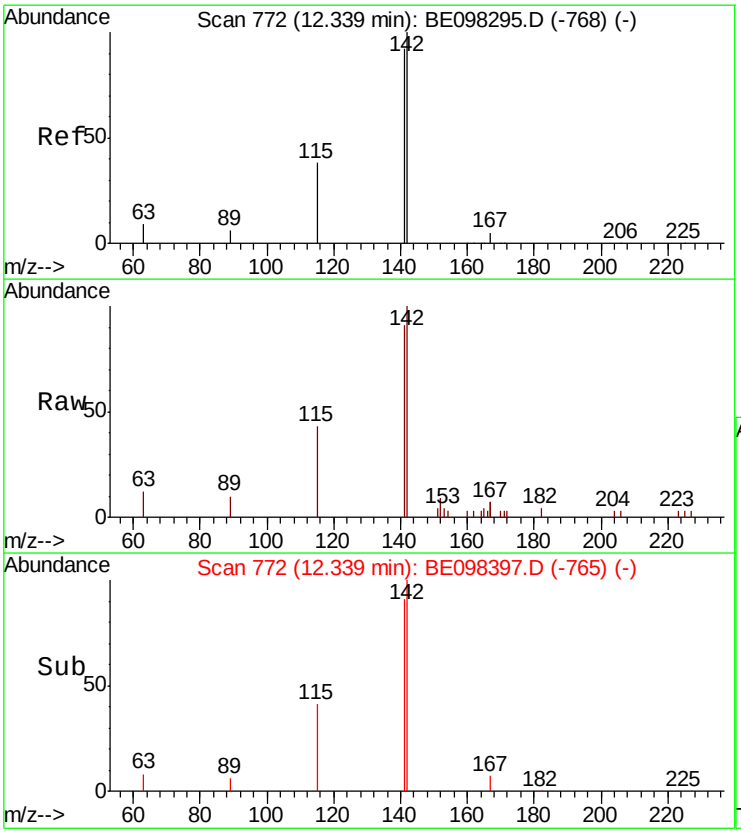
#11
2-Methylnaphthalene-d10
Concen: 0.374 ng
RT: 12.27 min Scan# 767
Delta R.T. 0.00 min
Lab File: BE098397.D
Acq: 13 Dec 2018 15:16

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:152 Resp: 3223

Ion	Ratio	Lower	Upper
152	100		
151	20.0	16.2	24.4

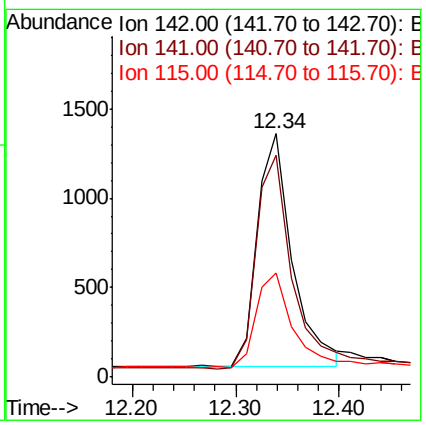


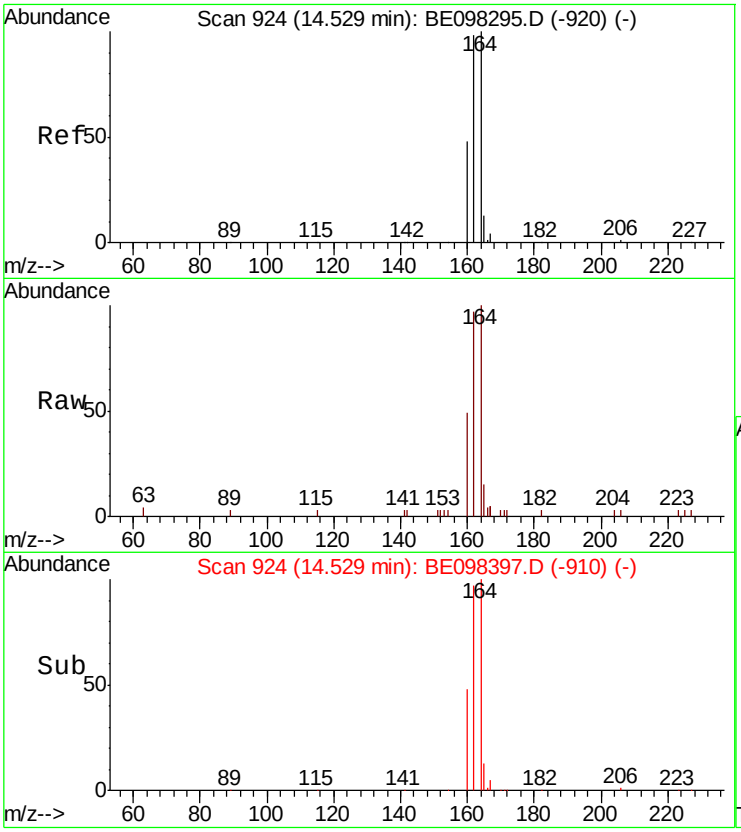


#12
2-Methylnaphthalene
Concen: 0.359 ng
RT: 12.34 min Scan# 772
Delta R.T. 0.00 min
Lab File: BE098397.D
Acq: 13 Dec 2018 15:16

Tgt Ion:142 Resp: 3116

Ion	Ratio	Lower	Upper
142	100		
141	91.0	71.0	106.6
115	43.0	32.2	48.2



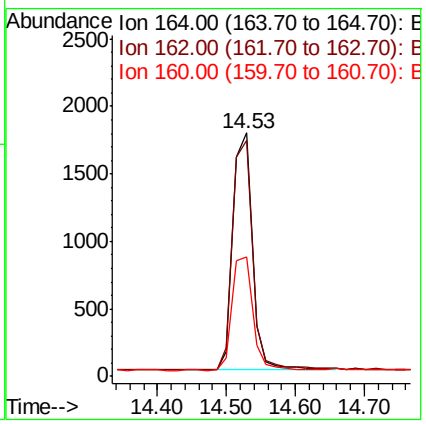


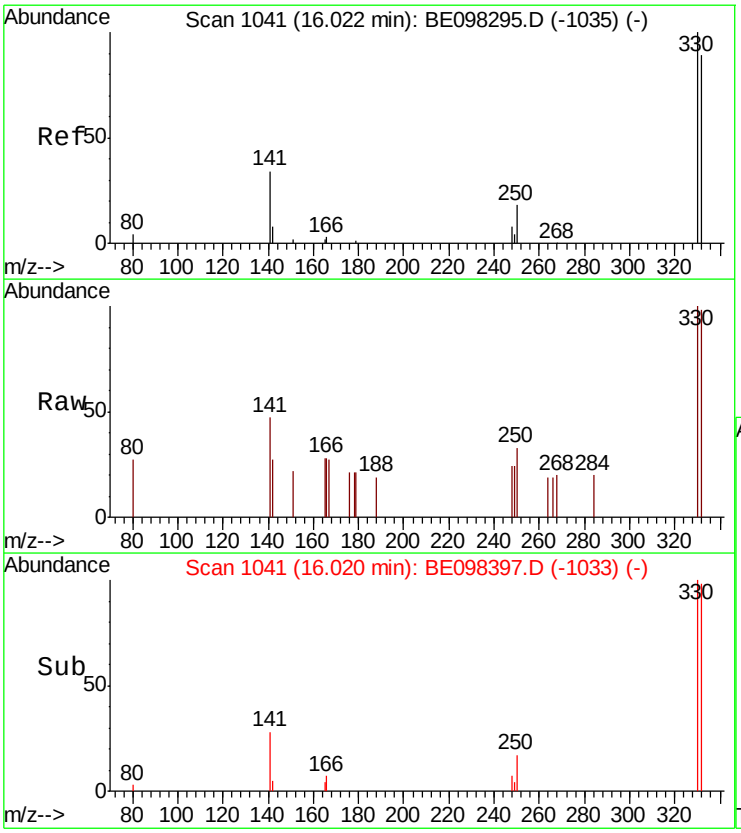
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.53 min Scan# 924
Delta R.T. 0.00 min
Lab File: BE098397.D
Acq: 13 Dec 2018 15:16

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:164 Resp: 3442

Ion	Ratio	Lower	Upper
164	100		
162	97.1	77.6	116.4
160	49.1	36.0	54.0

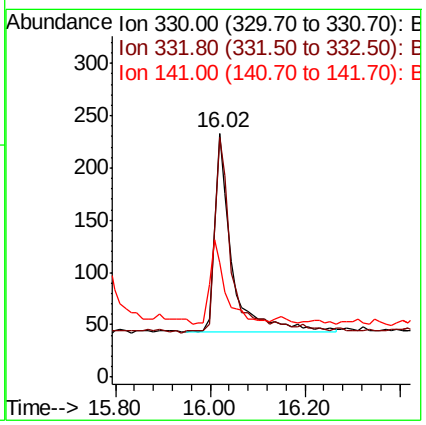


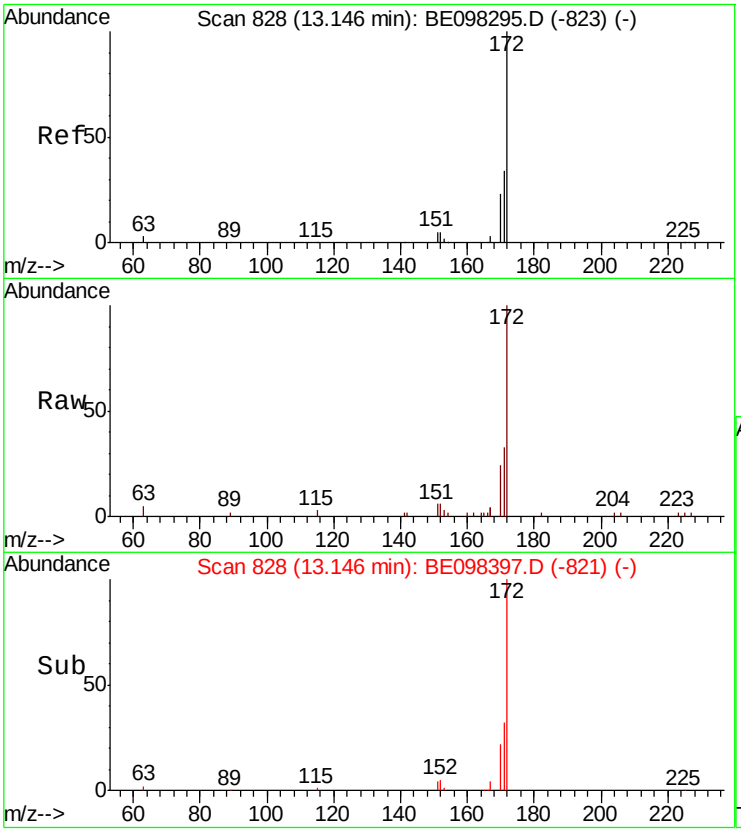


#14
2,4,6-Tribromophenol
Concen: 0.386 ng
RT: 16.02 min Scan# 1041
Delta R.T. -0.00 min
Lab File: BE098397.D
Acq: 13 Dec 2018 15:16

Tgt Ion:330 Resp: 488

Ion	Ratio	Lower	Upper
330	100		
332	92.0	76.2	114.4
141	38.1	39.0	58.4#



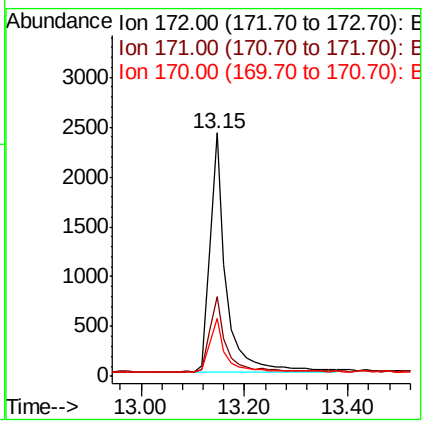


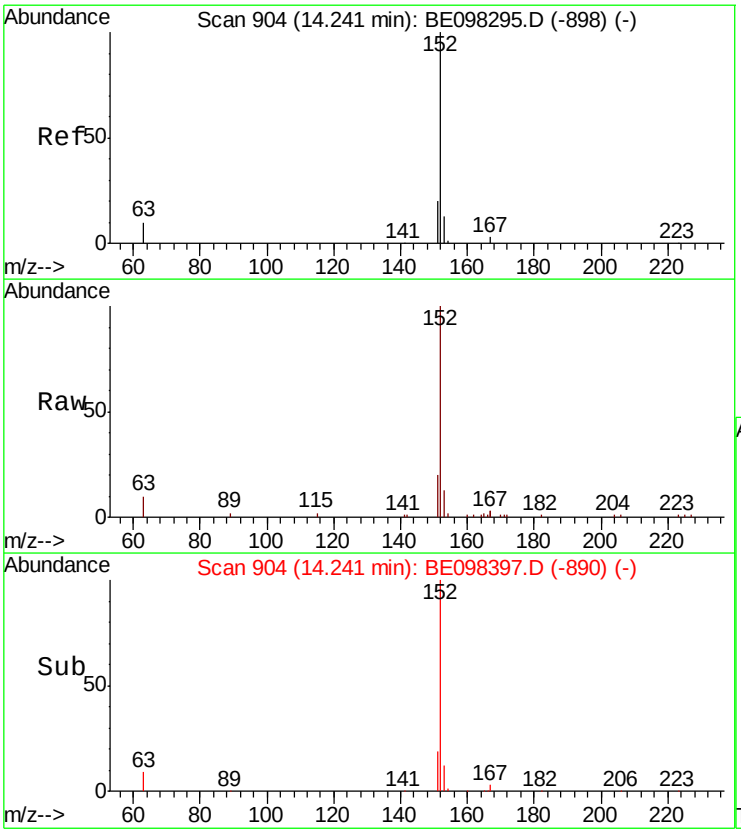
#15
2-Fluorobiphenyl
Concen: 0.363 ng
RT: 13.15 min Scan# 828
Delta R.T. 0.00 min
Lab File: BE098397.D
Acq: 13 Dec 2018 15:16

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:172 Resp: 5272

Ion	Ratio	Lower	Upper
172	100		
171	33.0	27.5	41.3
170	23.8	19.6	29.4

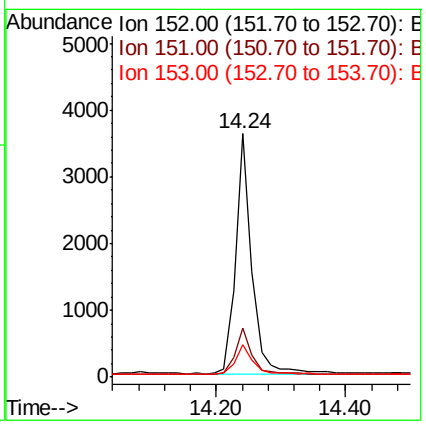


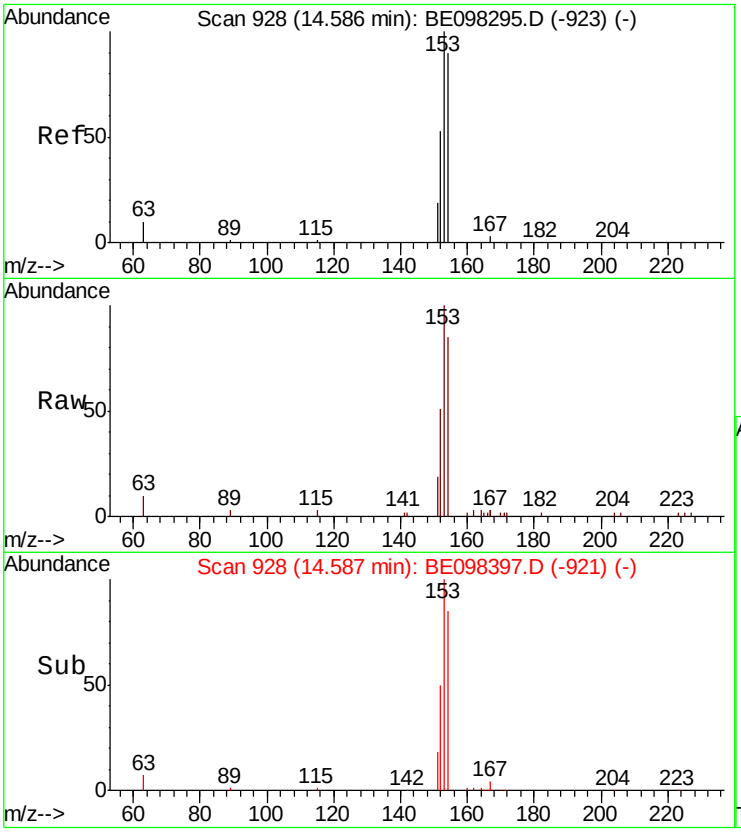


#16
Acenaphthylene
Concen: 0.383 ng
RT: 14.24 min Scan# 904
Delta R.T. 0.00 min
Lab File: BE098397.D
Acq: 13 Dec 2018 15:16

Tgt Ion:152 Resp: 6183

Ion	Ratio	Lower	Upper
152	100		
151	19.5	15.5	23.3
153	12.9	10.6	16.0



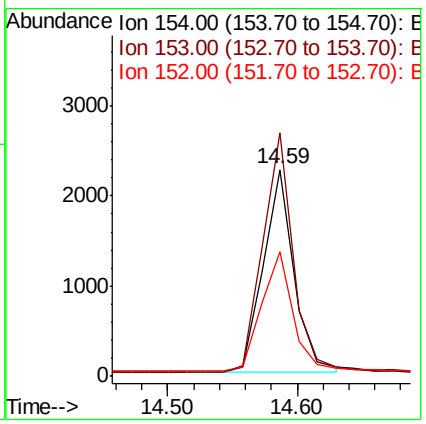


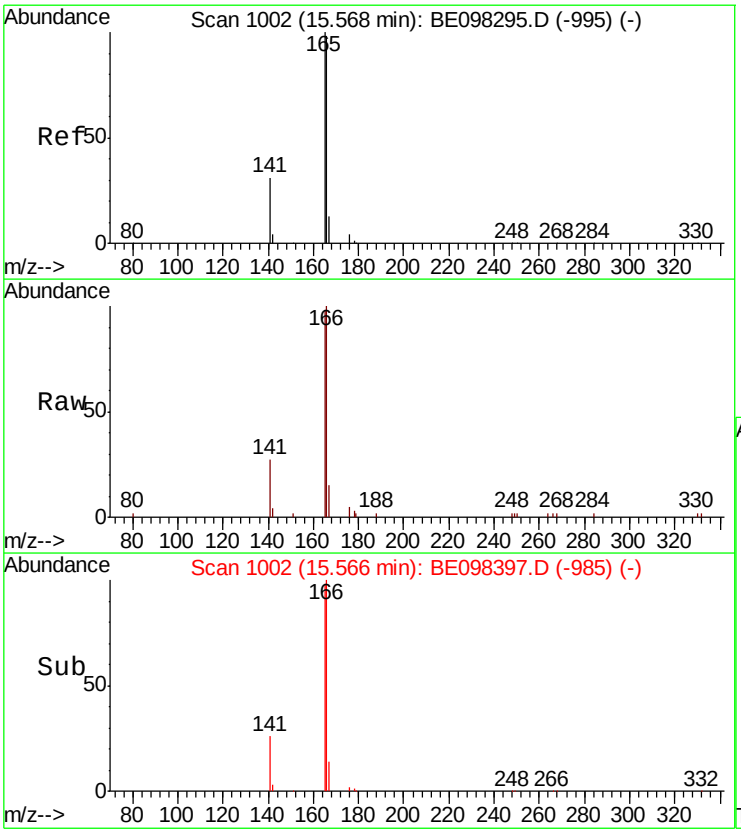
#17
Acenaphthene
Concen: 0.379 ng
RT: 14.59 min Scan# 928
Delta R.T. 0.00 min
Lab File: BE098397.D
Acq: 13 Dec 2018 15:16

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:154 Resp: 3670

Ion	Ratio	Lower	Upper
154	100		
153	116.9	91.8	137.6
152	60.8	45.5	68.3

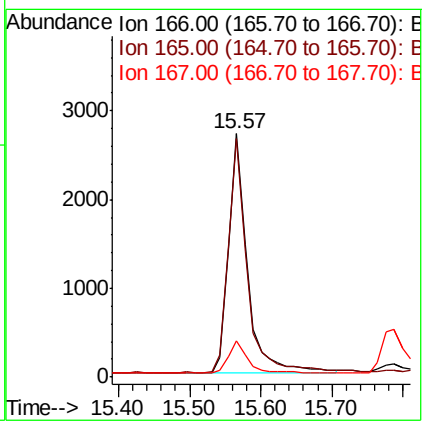


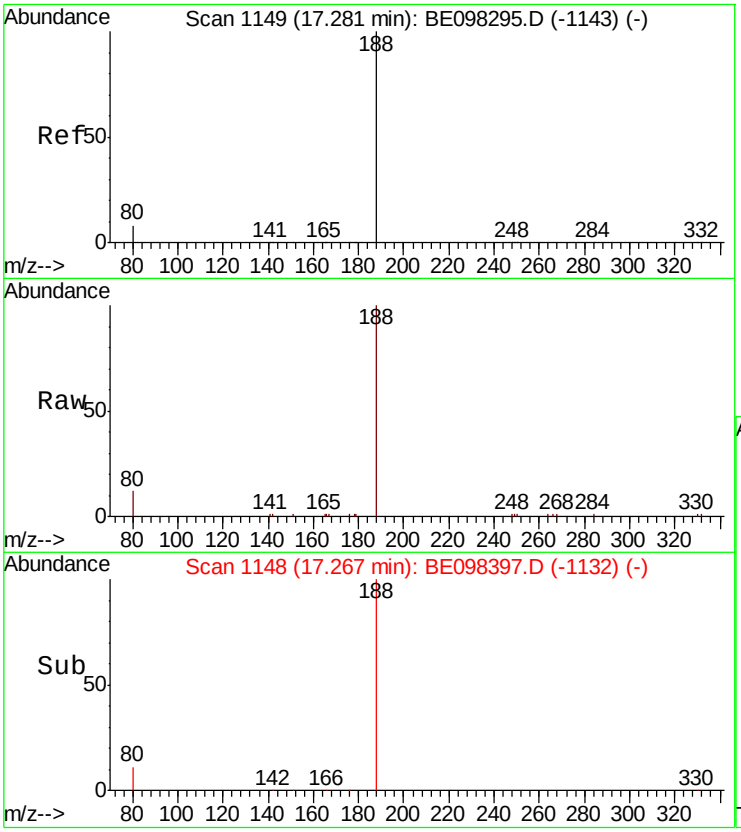


#18
Fluorene
Concen: 0.383 ng
RT: 15.57 min Scan# 1002
Delta R.T. -0.00 min
Lab File: BE098397.D
Acq: 13 Dec 2018 15:16

Tgt Ion:166 Resp: 4962

Ion	Ratio	Lower	Upper
166	100		
165	98.1	79.3	118.9
167	13.4	11.3	16.9



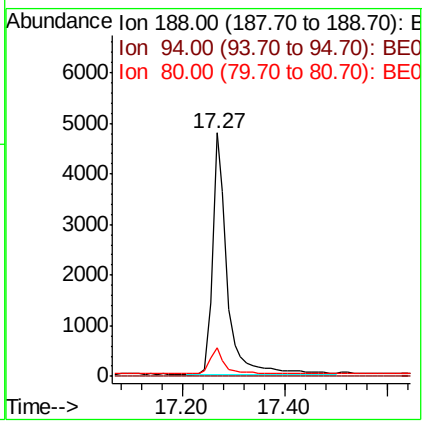


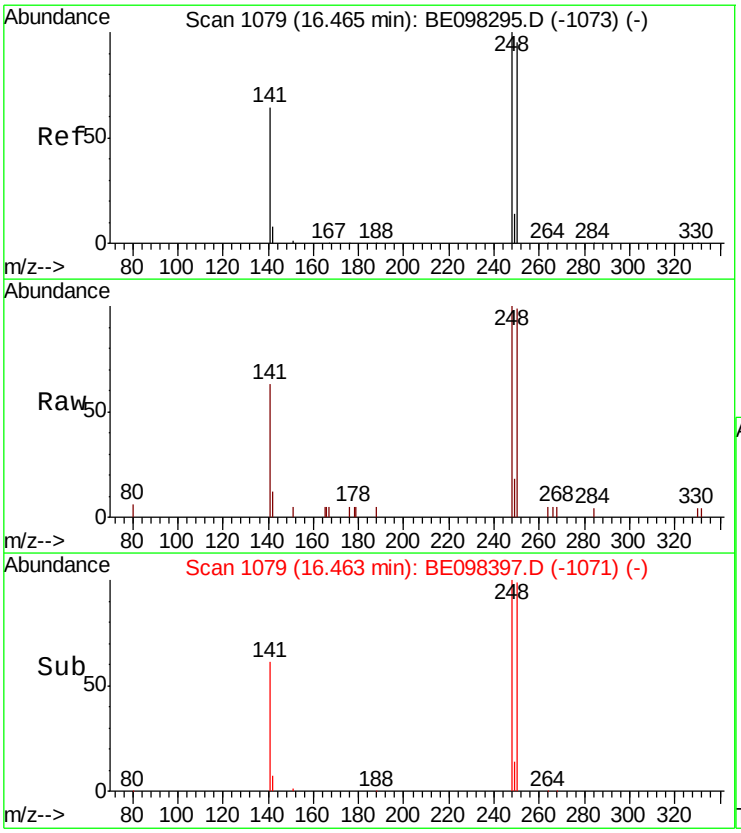
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.27 min Scan# 1148
Delta R.T. -0.01 min
Lab File: BE098397.D
Acq: 13 Dec 2018 15:16

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:188 Resp: 9329

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	11.7	7.2	10.8#

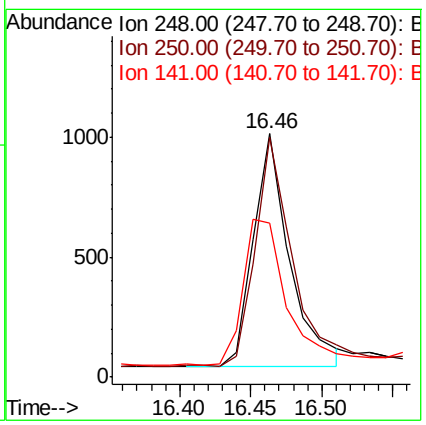


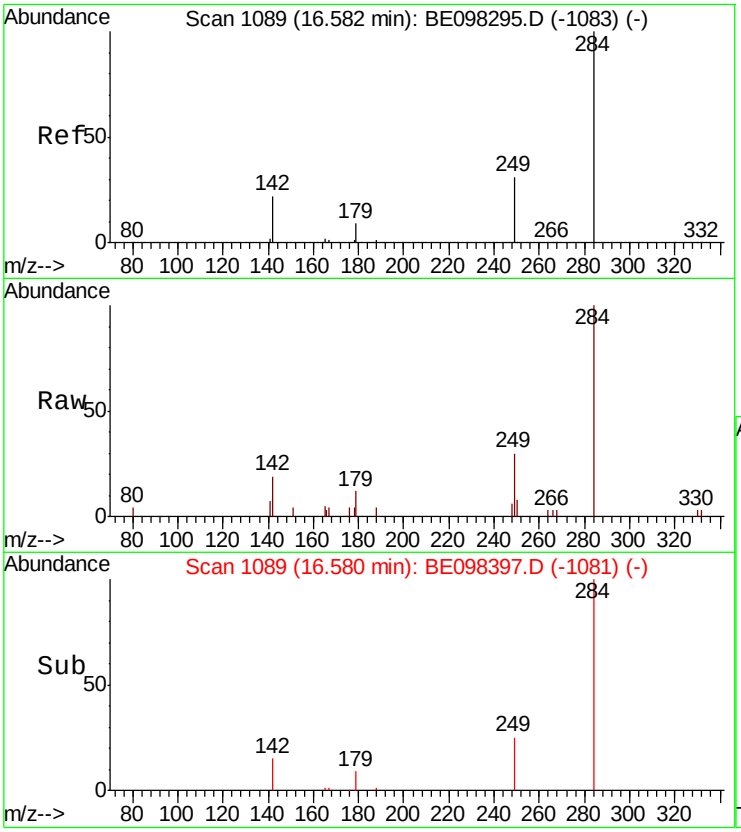


#20
4-Bromophenyl-phenylether
Concen: 0.341 ng
RT: 16.46 min Scan# 1079
Delta R.T. -0.00 min
Lab File: BE098397.D
Acq: 13 Dec 2018 15:16

Tgt Ion:248 Resp: 1712

Ion	Ratio	Lower	Upper
248	100		
250	98.7	71.0	106.6
141	63.1	62.1	93.1



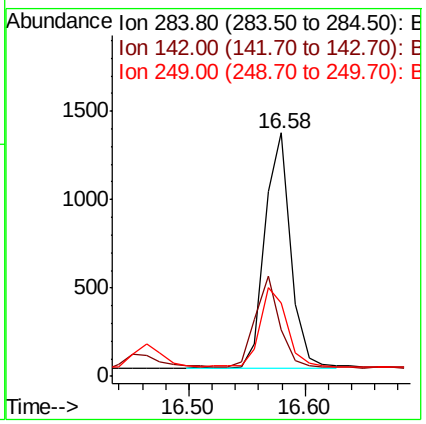


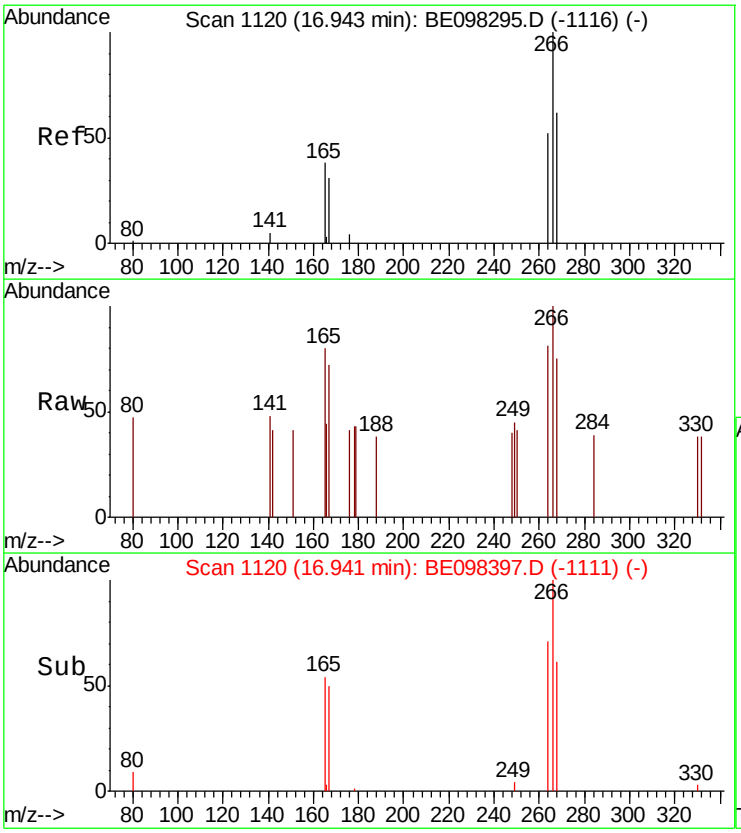
#21
Hexachlorobenzene
Concen: 0.383 ng
RT: 16.58 min Scan# 1089
Delta R.T. -0.00 min
Lab File: BE098397.D
Acq: 13 Dec 2018 15:16

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:284 Resp: 2066

Ion	Ratio	Lower	Upper
284	100		
142	36.2	26.3	39.5
249	35.0	26.0	39.0

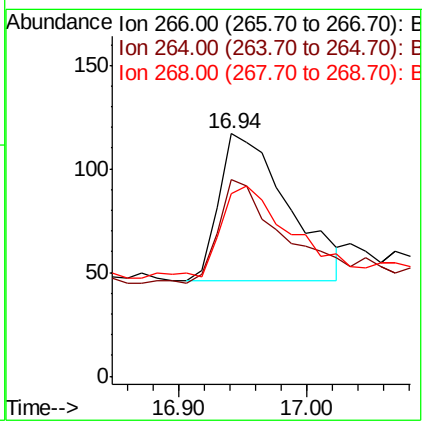


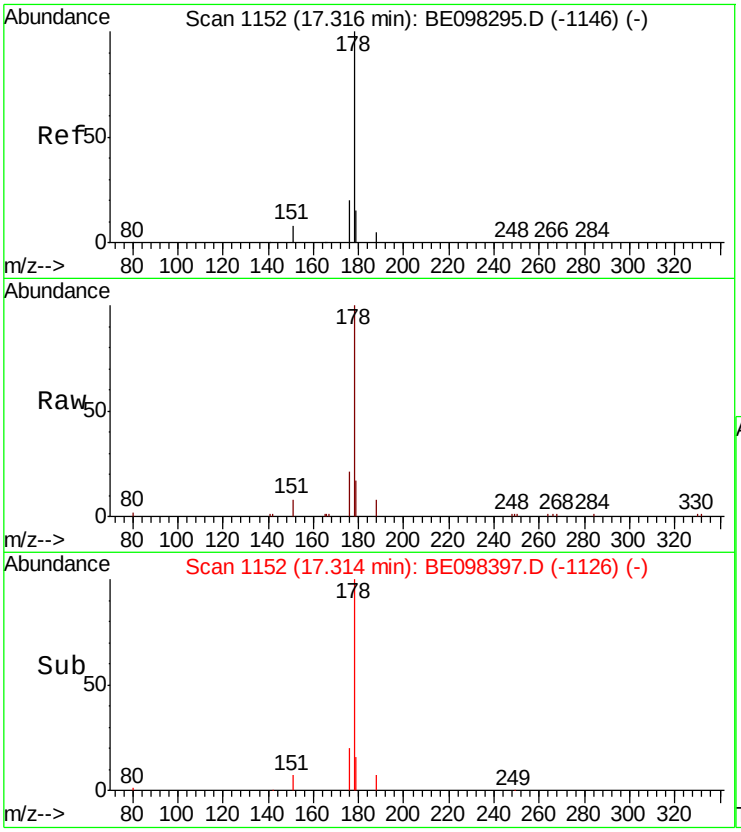


#22
Pentachlorophenol
Concen: 0.318 ng
RT: 16.94 min Scan# 1120
Delta R.T. -0.00 min
Lab File: BE098397.D
Acq: 13 Dec 2018 15:16

Tgt Ion:266 Resp: 267

Ion	Ratio	Lower	Upper
266	100		
264	81.2	59.0	88.4
268	75.2	55.1	82.7



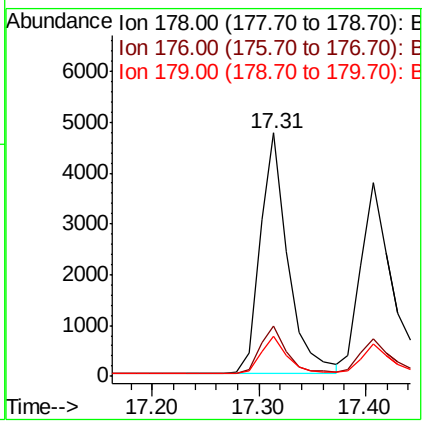


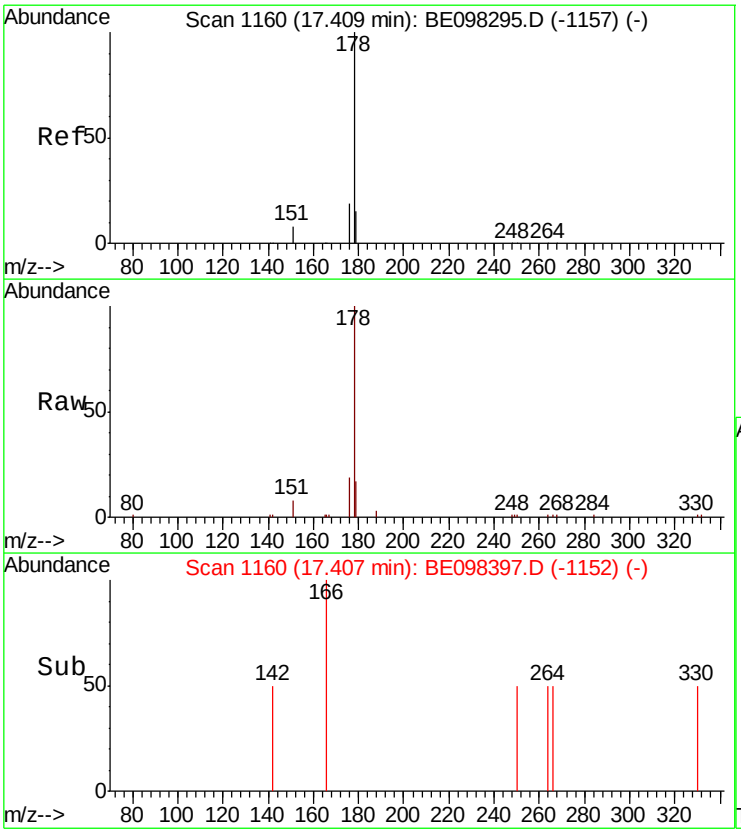
#23
Phenanthrene
Concen: 0.378 ng
RT: 17.31 min Scan# 1152
Delta R.T. -0.00 min
Lab File: BE098397.D
Acq: 13 Dec 2018 15:16

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:178 Resp: 8578

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.9	23.9
179	15.4	12.3	18.5

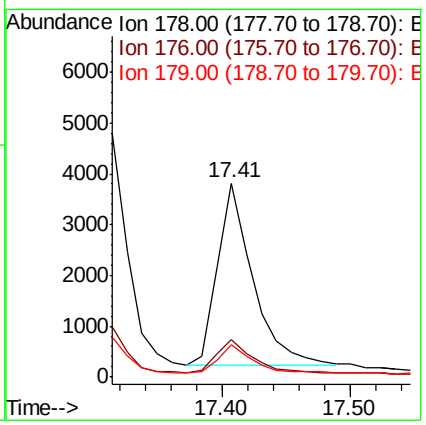


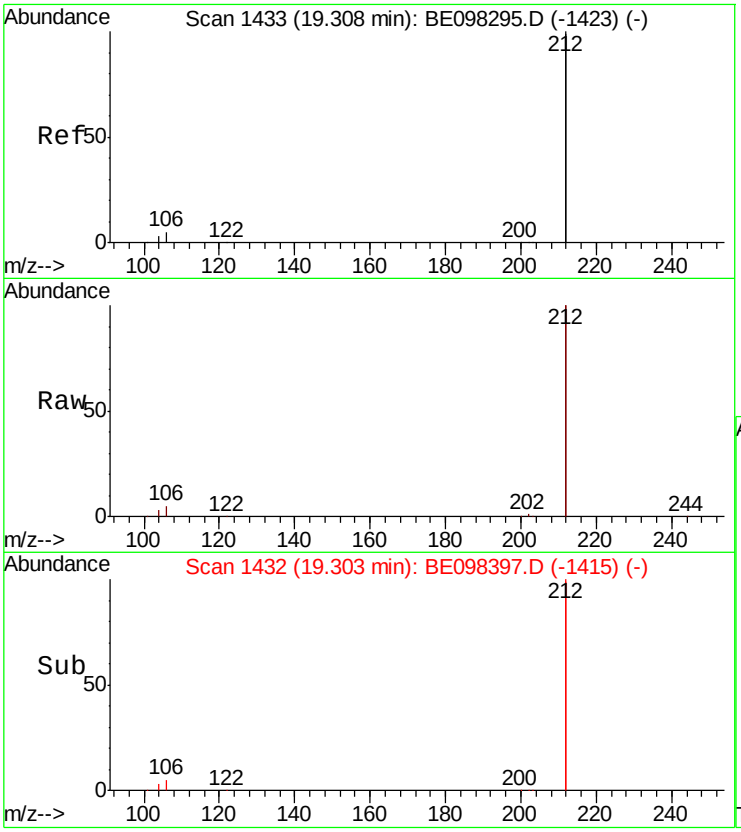


#24
Anthracene
Concen: 0.340 ng
RT: 17.41 min Scan# 1160
Delta R.T. -0.00 min
Lab File: BE098397.D
Acq: 13 Dec 2018 15:16

Tgt Ion:178 Resp: 6875

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.0	22.4
179	14.9	12.3	18.5



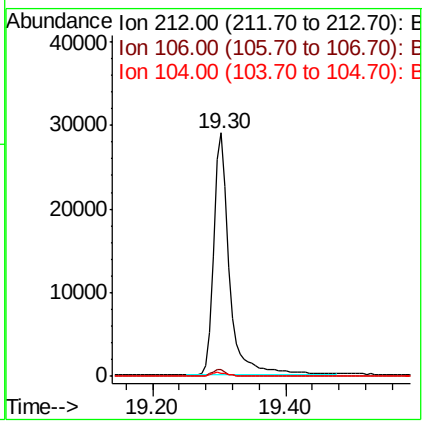


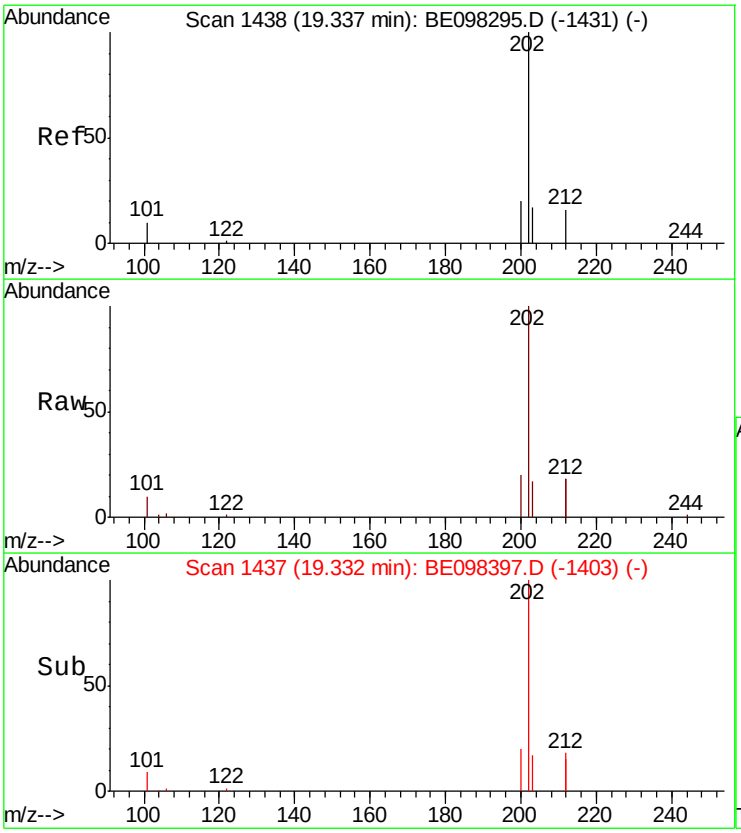
#25
Fluoranthene-d10
Concen: 0.396 ng
RT: 19.30 min Scan# 1432
Delta R.T. -0.01 min
Lab File: BE098397.D
Acq: 13 Dec 2018 15:16

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:212 Resp: 47337

Ion	Ratio	Lower	Upper
212	100		
106	2.5	2.2	3.2
104	1.5	1.3	1.9

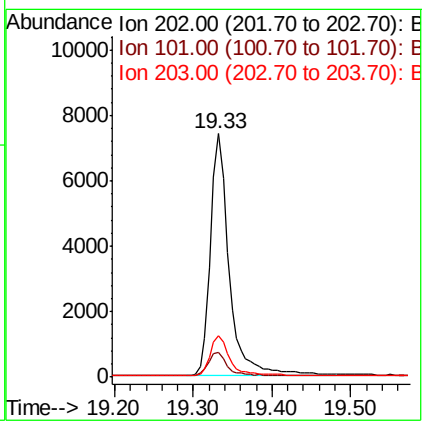


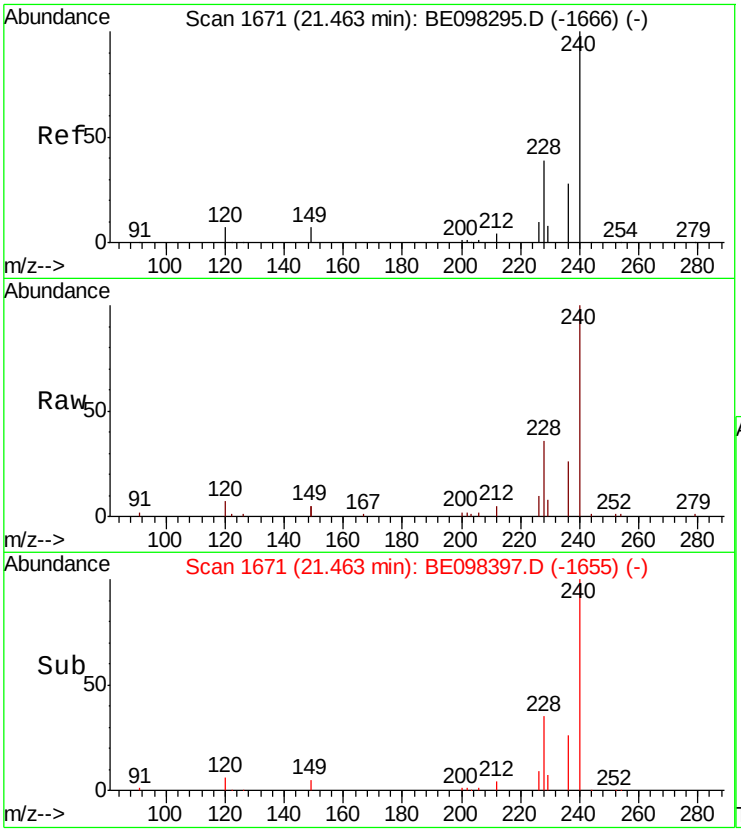


#26
Fluoranthene
Concen: 0.402 ng
RT: 19.33 min Scan# 1437
Delta R.T. -0.01 min
Lab File: BE098397.D
Acq: 13 Dec 2018 15:16

Tgt Ion:202 Resp: 12072

Ion	Ratio	Lower	Upper
202	100		
101	9.7	8.0	12.0
203	16.6	13.8	20.6



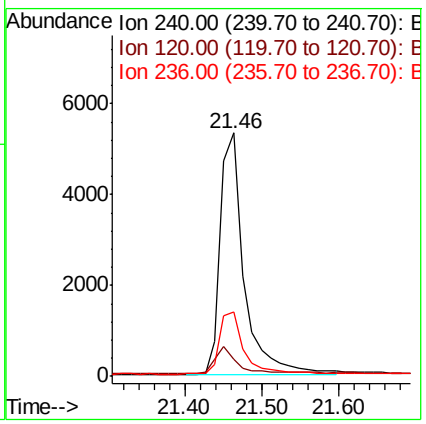


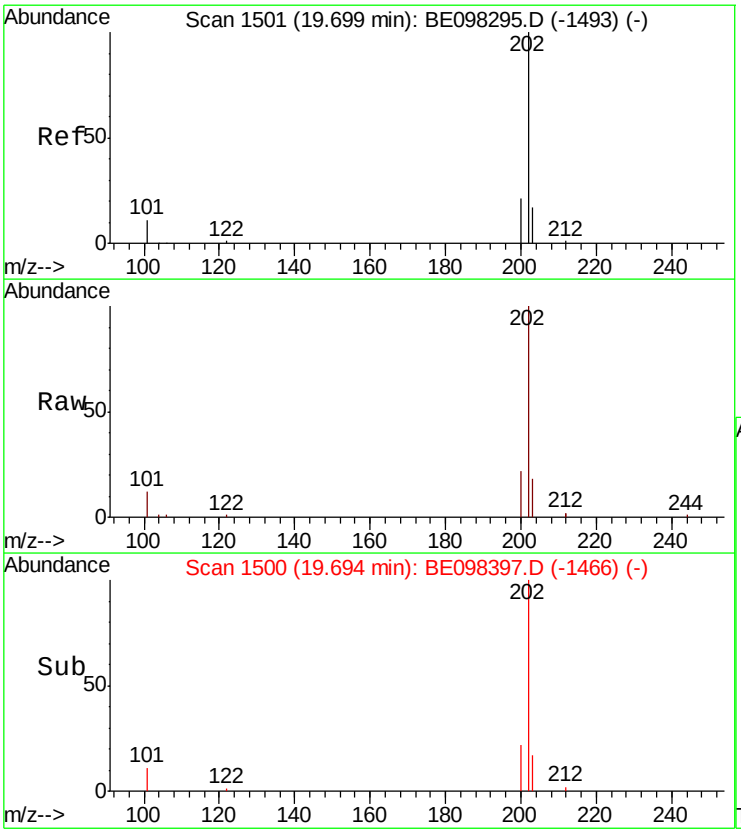
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.46 min Scan# 1671
Delta R.T. -0.00 min
Lab File: BE098397.D
Acq: 13 Dec 2018 15:16

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:240 Resp: 11362

Ion	Ratio	Lower	Upper
240	100		
120	7.3	9.5	14.3#
236	26.4	22.7	34.1

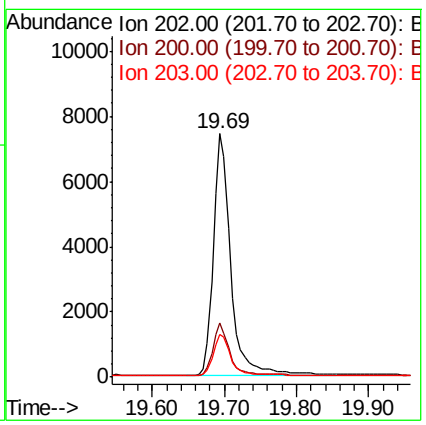


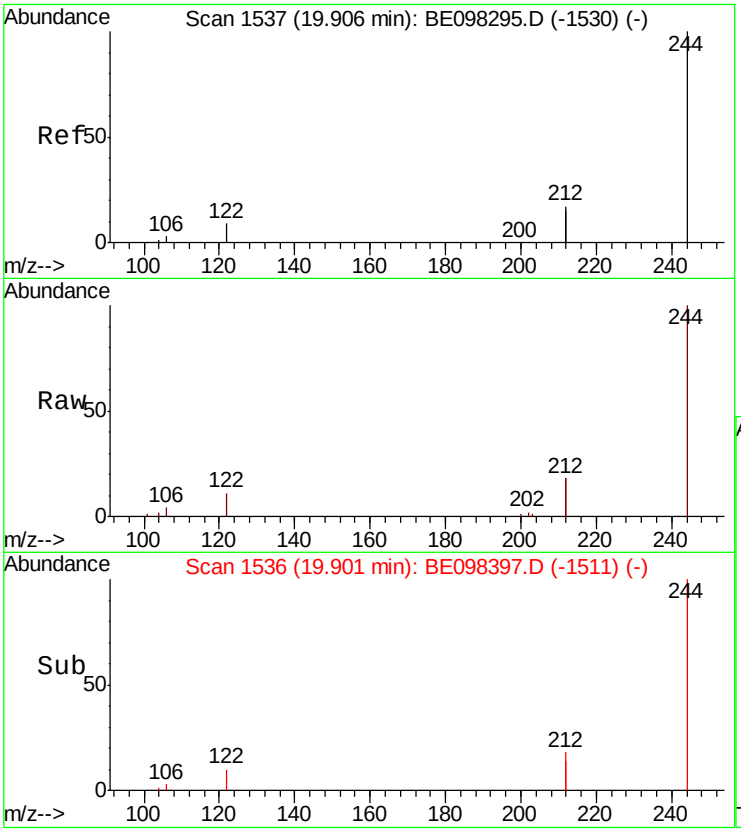


#28
Pyrene
Concen: 0.345 ng
RT: 19.69 min Scan# 1500
Delta R.T. -0.01 min
Lab File: BE098397.D
Acq: 13 Dec 2018 15:16

Tgt Ion:202 Resp: 12298

Ion	Ratio	Lower	Upper
202	100		
200	21.0	16.7	25.1
203	17.7	14.1	21.1



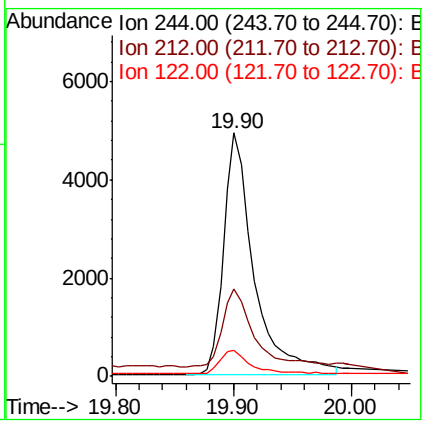


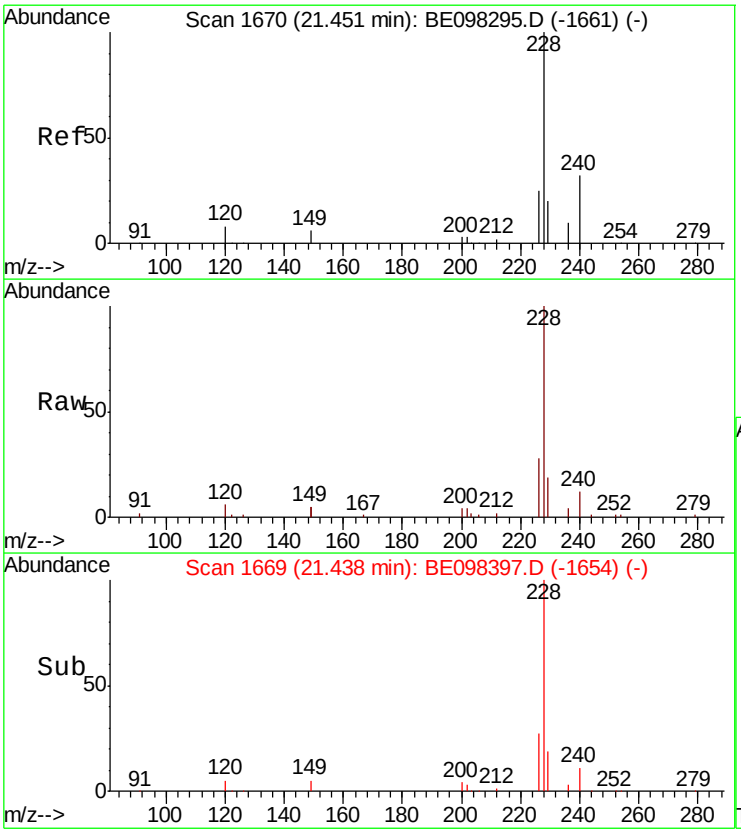
#29
Terphenyl-d14
Concen: 0.316 ng
RT: 19.90 min Scan# 1536
Delta R.T. -0.01 min
Lab File: BE098397.D
Acq: 13 Dec 2018 15:16

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:244 Resp: 8726

Ion	Ratio	Lower	Upper
244	100		
212	36.0	27.4	41.0
122	10.7	8.3	12.5

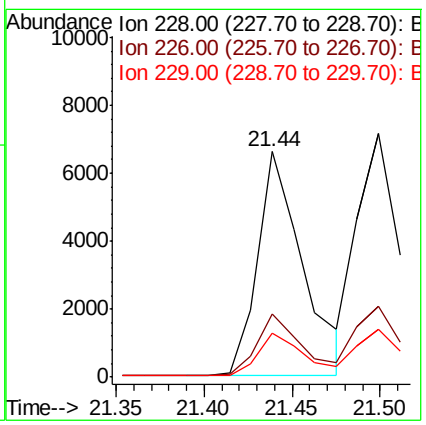


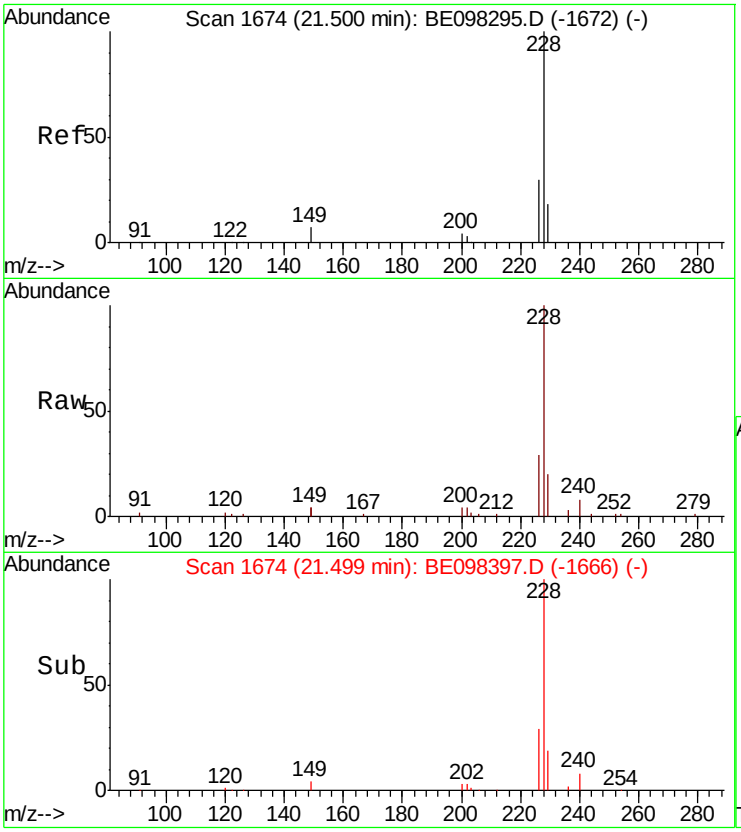


#30
Benzo(a)anthracene
Concen: 0.361 ng
RT: 21.44 min Scan# 1669
Delta R.T. -0.01 min
Lab File: BE098397.D
Acq: 13 Dec 2018 15:16

Tgt Ion:228 Resp: 11694

Ion	Ratio	Lower	Upper
228	100		
226	27.9	21.8	32.8
229	19.3	16.3	24.5



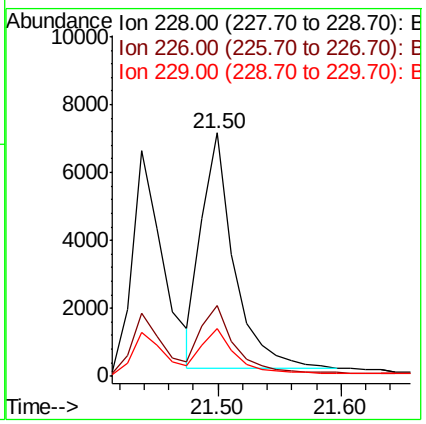


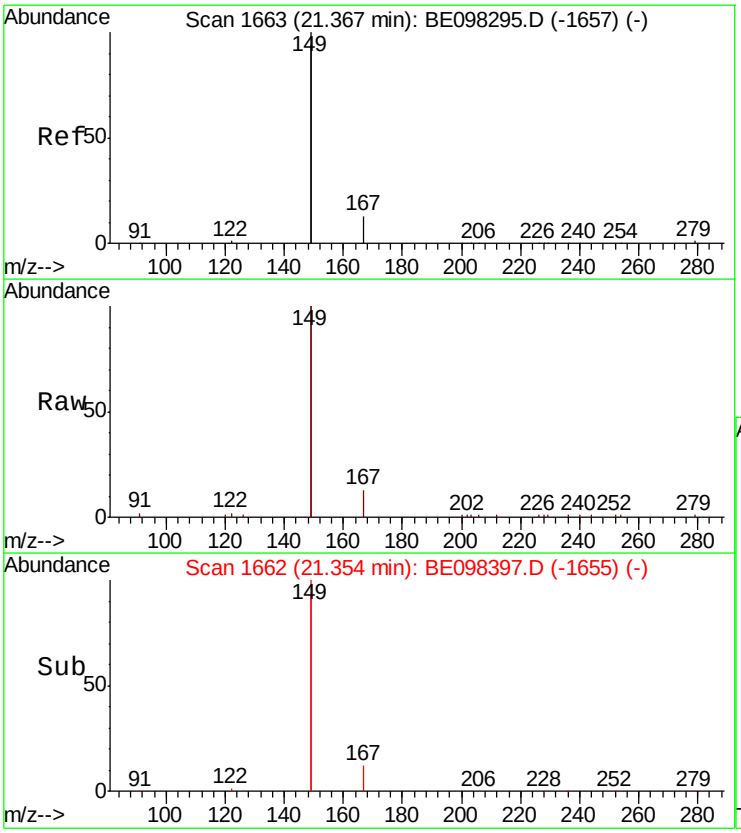
#31
Chrysene
Concen: 0.372 ng
RT: 21.50 min Scan# 1674
Delta R.T. -0.00 min
Lab File: BE098397.D
Acq: 13 Dec 2018 15:16

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:228 Resp: 12608

Ion	Ratio	Lower	Upper
228	100		
226	29.2	23.4	35.0
229	19.8	16.2	24.4

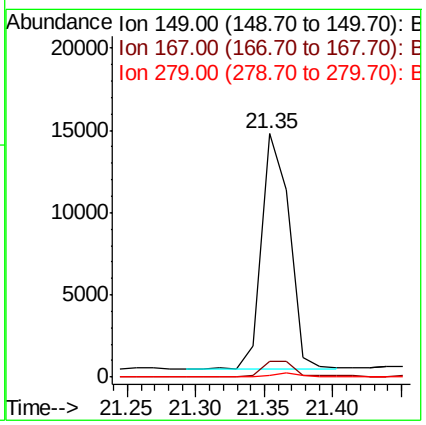


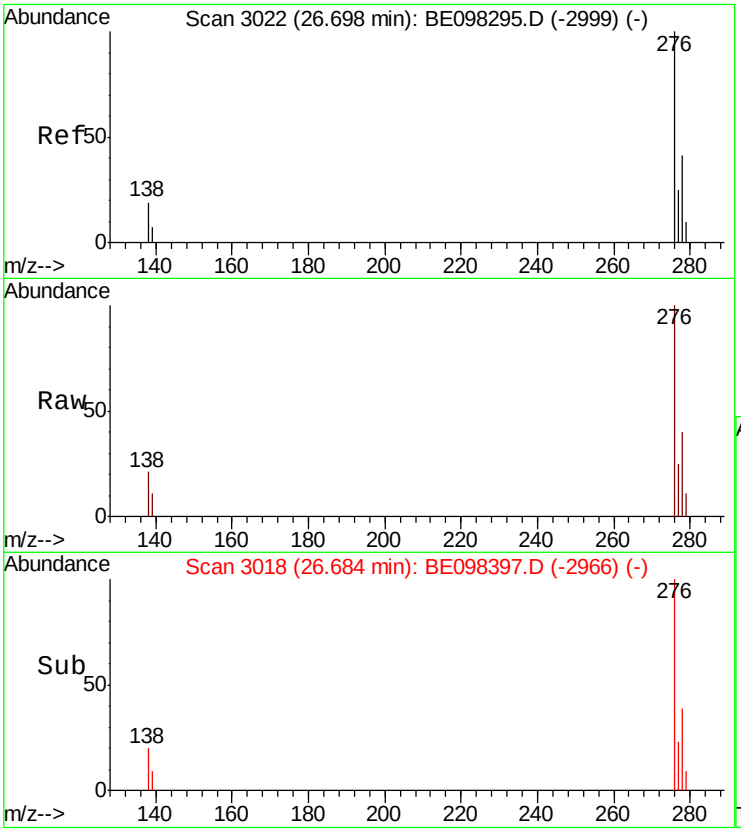


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.302 ng
RT: 21.35 min Scan# 1662
Delta R.T. -0.01 min
Lab File: BE098397.D
Acq: 13 Dec 2018 15:16

Tgt Ion:149 Resp: 19863

Ion	Ratio	Lower	Upper
149	100		
167	6.9	5.7	8.5
279	1.1	1.0	1.4



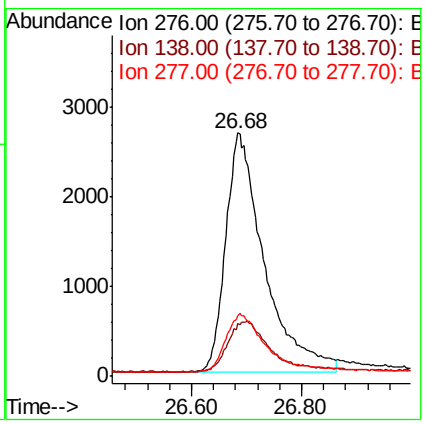


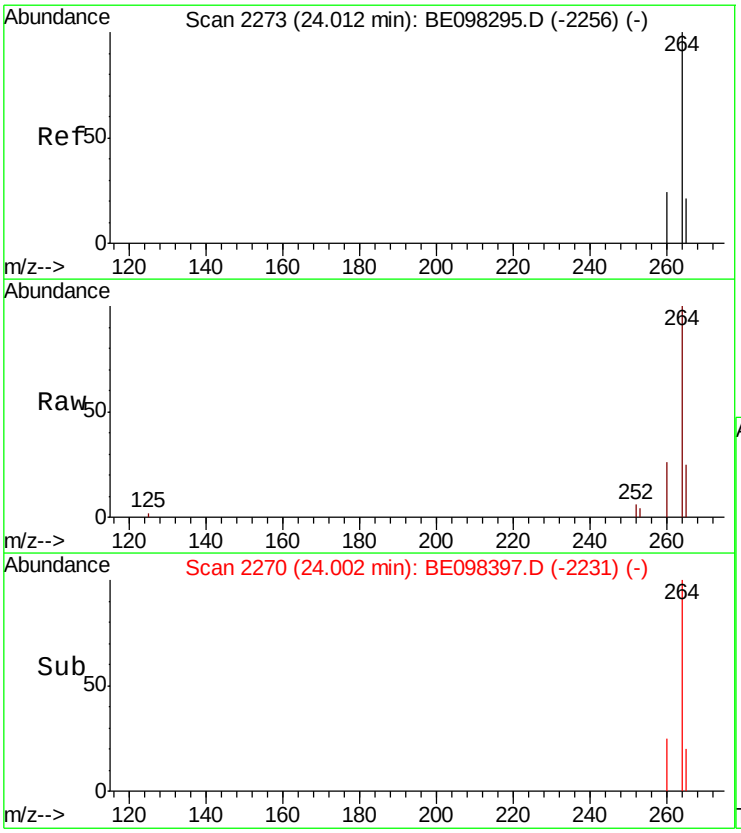
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.386 ng
RT: 26.68 min Scan# 3018
Delta R.T. -0.01 min
Lab File: BE098397.D
Acq: 13 Dec 2018 15:16

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:276 Resp: 13006

Ion	Ratio	Lower	Upper
276	100		
138	21.5	16.3	24.5
277	24.5	20.2	30.4

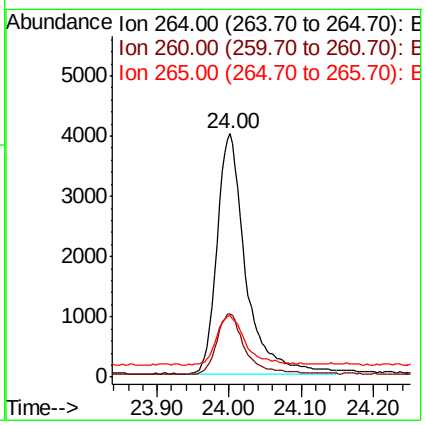


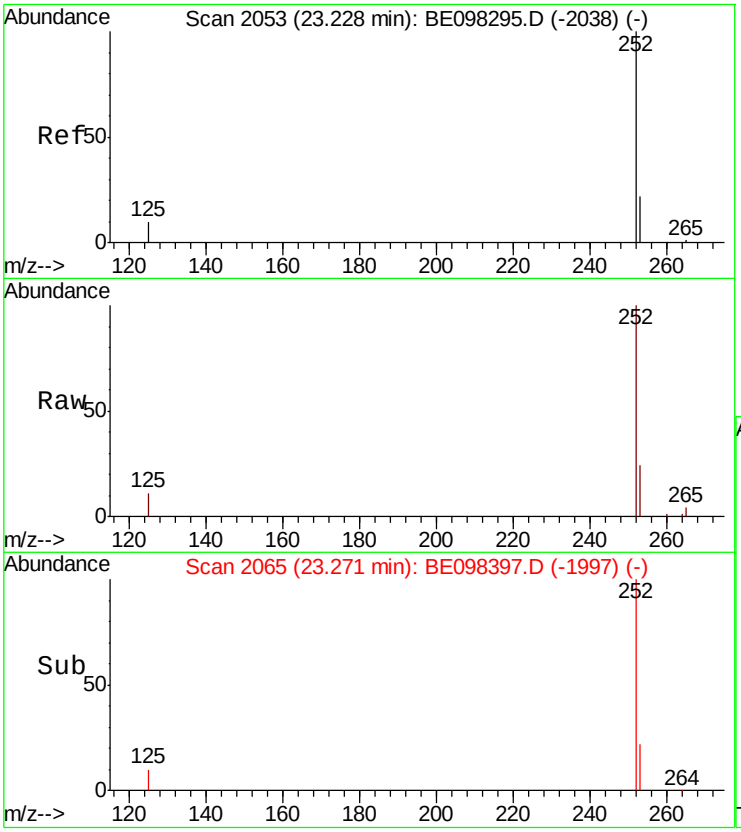


#34
Perylene-d12
Concen: 0.400 ng
RT: 24.00 min Scan# 2270
Delta R.T. -0.01 min
Lab File: BE098397.D
Acq: 13 Dec 2018 15:16

Tgt Ion:264 Resp: 10901

Ion	Ratio	Lower	Upper
264	100		
260	26.0	20.2	30.2
265	25.4	25.2	37.8



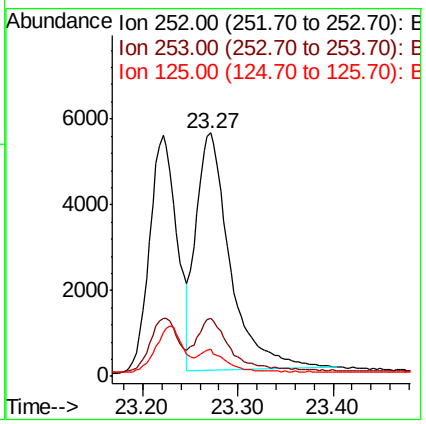


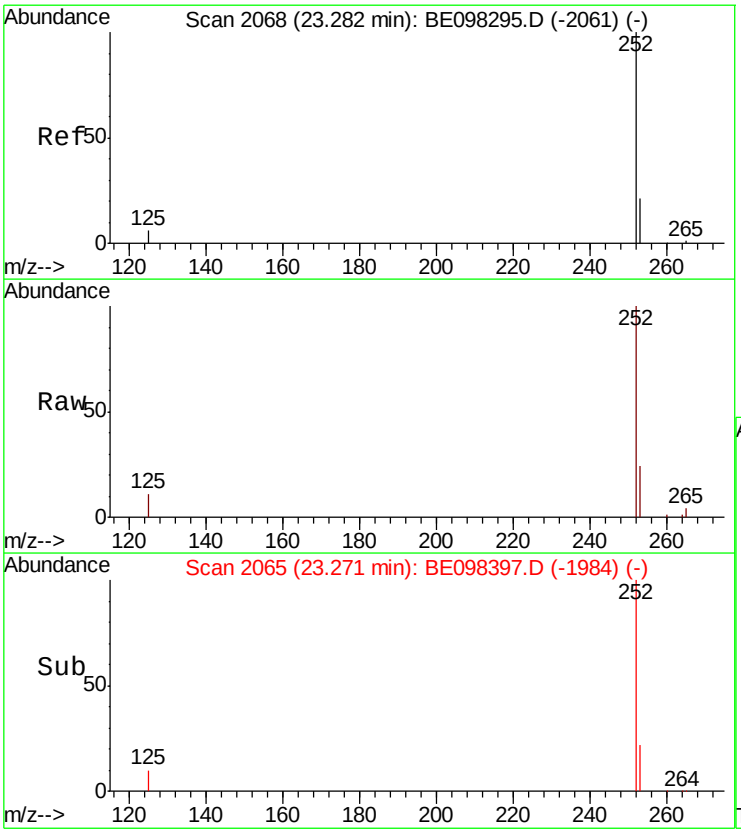
#35
Benzo(b)fluoranthene
Concen: 0.464 ng
RT: 23.27 min Scan# 2065
Delta R.T. 0.04 min
Lab File: BE098397.D
Acq: 13 Dec 2018 15:16

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:252 Resp: 13830

Ion	Ratio	Lower	Upper
252	100		
253	23.6	20.0	30.0
125	11.0	9.6	14.4

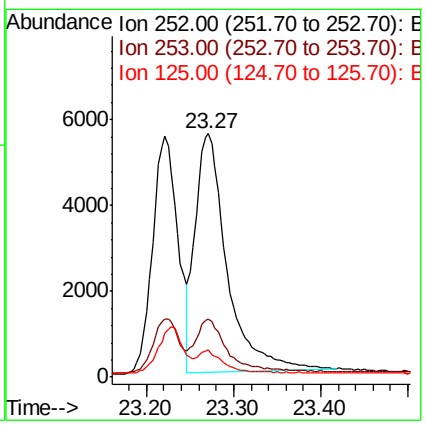


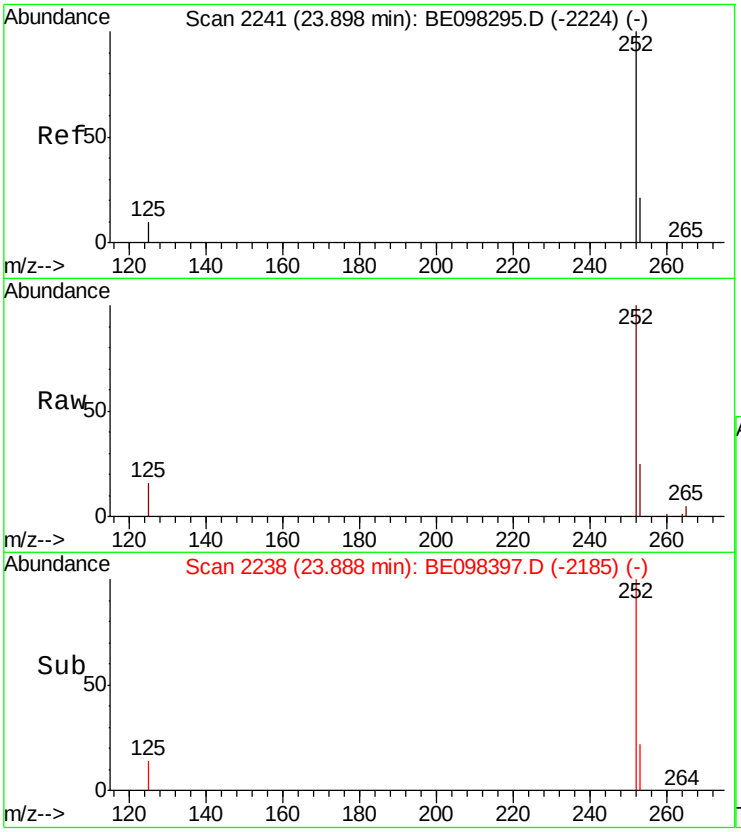


#36
Benzo(k)fluoranthene
Concen: 0.405 ng
RT: 23.27 min Scan# 2065
Delta R.T. -0.01 min
Lab File: BE098397.D
Acq: 13 Dec 2018 15:16

Tgt Ion:252 Resp: 14055

Ion	Ratio	Lower	Upper
252	100		
253	23.6	19.0	28.6
125	11.0	9.1	13.7



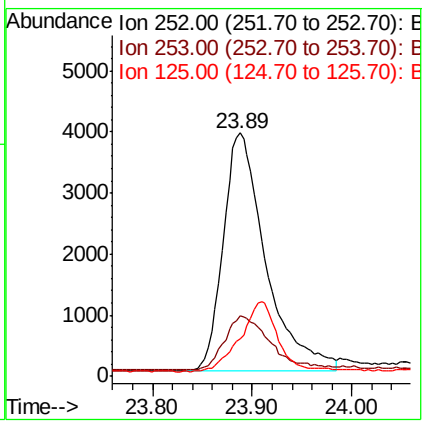


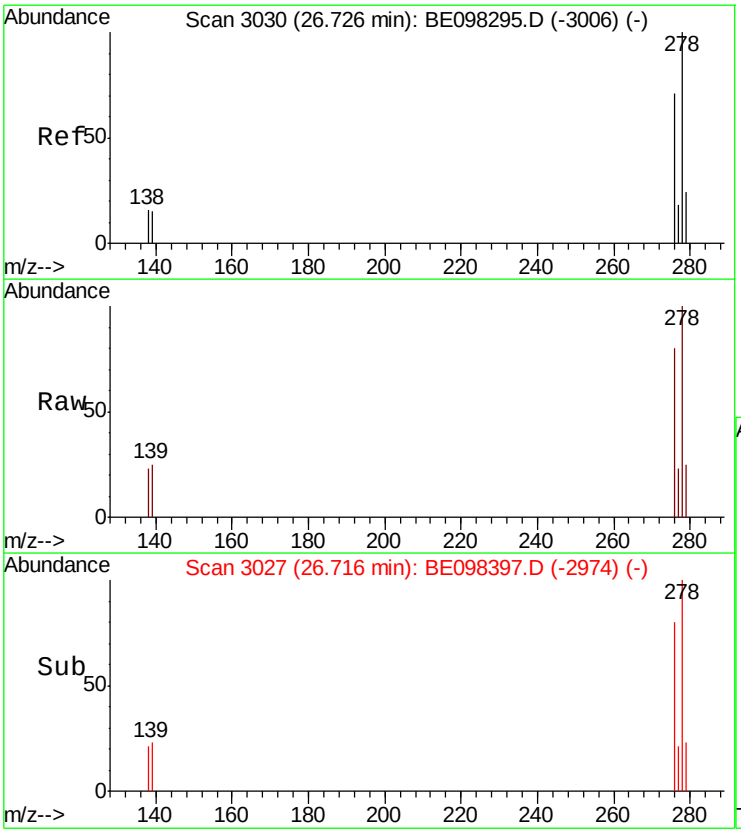
#37
Benzo(a)pyrene
Concen: 0.375 ng
RT: 23.89 min Scan# 2238
Delta R.T. -0.01 min
Lab File: BE098397.D
Acq: 13 Dec 2018 15:16

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:252 Resp: 11546

Ion	Ratio	Lower	Upper
252	100		
253	24.8	20.6	30.8
125	15.5	10.5	15.7

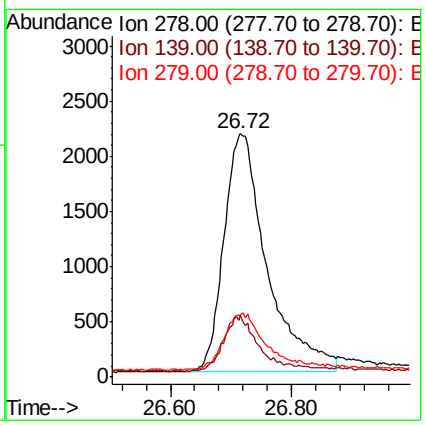


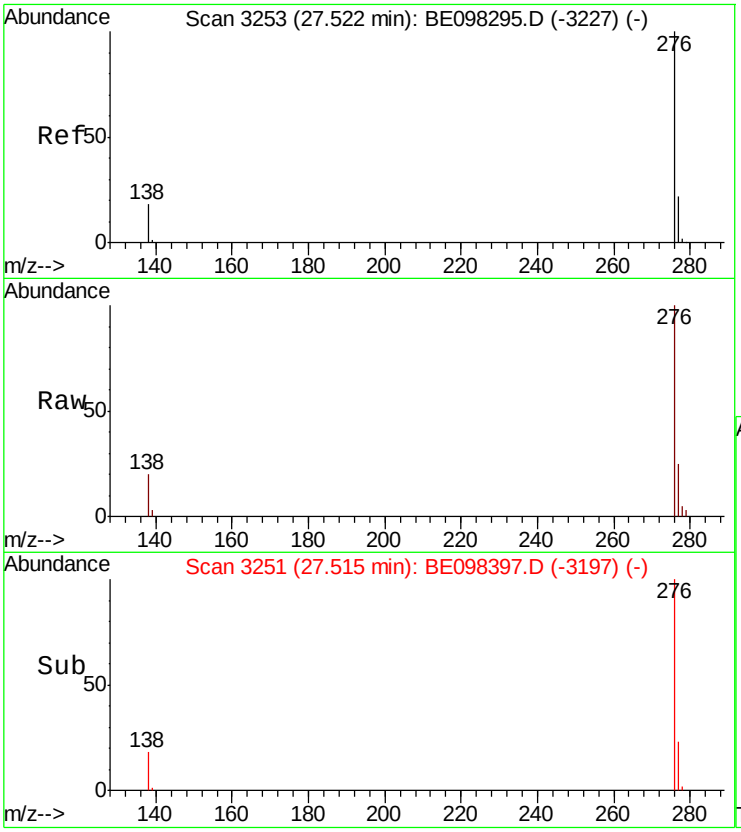


#38
Dibenzo(a,h)anthracene
Concen: 0.369 ng
RT: 26.72 min Scan# 3027
Delta R.T. -0.01 min
Lab File: BE098397.D
Acq: 13 Dec 2018 15:16

Tgt Ion:278 Resp: 10697

Ion	Ratio	Lower	Upper
278	100		
139	25.2	14.5	21.7#
279	25.3	21.8	32.8





#39
Benzo(g,h,i)perylene
Concen: 0.373 ng
RT: 27.52 min Scan# 3251
Delta R.T. -0.01 min
Lab File: BE098397.D
Acq: 13 Dec 2018 15:16

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:276 Resp: 10894

Ion	Ratio	Lower	Upper
276	100		
277	25.1	20.8	31.2
138	20.2	15.8	23.6