Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE121418\
Data File : BE098435.D
Acq On : 14 Dec 2018 14:41
Operator : SJ/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDCCC0.4

Quant Time: Dec 25 00:38:51 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	1403	0.40	ng		0.00
7) Naphthalene-d8	10.65	136	5901	0.40	ng		-0.01
13) Acenaphthene-d10	14.53	164	3806	0.40	ng		0.00
19) Phenanthrene-d10	17.27	188	10480	0.40	ng		-0.01
27) Chrysene-d12	21.45	240	12877	0.40	ng		-0.01
34) Perylene-d12	24.00	264	12253	0.40	ng		-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.45	112	1324	0.40	ng		0.00
5) Phenol-d6	7.04	99	1980	0.43	ng		-0.01
8) Nitrobenzene-d5	9.02	82	2112	0.39	ng		0.00
11) 2-Methylnaphthalene-d10	12.25	152	3671	0.38	ng		-0.02
14) 2,4,6-Tribromophenol	16.02	330	626	0.45	ng		0.00
15) 2-Fluorobiphenyl	13.15	172	5752	0.36	ng		0.00
25) Fluoranthene-d10	19.30	212	53745	0.40	ng		0.00
29) Terphenyl-d14	19.90	244	9853	0.31	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.36	88	795	0.328	ng		98
3) n-Nitrosodimethylamine	3.70	42	679	0.311	ng	#	100
6) bis(2-Chloroethyl)ether	7.29	93	1548	0.350	ng		88
9) Naphthalene	10.70	128	23022	0.388	ng		99
10) Hexachlorobutadiene	10.99	225	1578	0.417	ng		99
12) 2-Methylnaphthalene	12.32	142	3587	0.372	ng		98
16) Acenaphthylene	14.24	152	6886	0.386	ng		99
17) Acenaphthene	14.59	154	4129	0.386	ng		98
18) Fluorene	15.57	166	5484	0.383	ng		98
20) 4-Bromophenyl-phenylether	16.46	248	2058	0.365	ng	#	83
21) Hexachlorobenzene	16.57	284	2270	0.374	ng		94
22) Pentachlorophenol	16.94	266	433	0.438	ng		94
23) Phenanthrene	17.32	178	9510	0.373	ng		99
24) Anthracene	17.41	178	7874	0.347	ng		99
26) Fluoranthene	19.33	202	13515	0.401	ng		99
28) Pyrene	19.69	202	13842	0.343	ng		99
30) Benzo(a)anthracene	21.44	228	12812	0.349	ng		99
31) Chrysene	21.50	228	14756	0.384	ng		100
32) Bis(2-ethylhexyl)phthalate	21.35	149	26115	0.351	ng		99
33) Indeno(1,2,3-cd)pyrene	26.68	276	15010	0.393	ng		96
35) Benzo(b)fluoranthene	23.21	252	12503	0.373	ng	#	94
36) Benzo(k)fluoranthene	23.27	252	15851	0.406	ng		97
37) Benzo(a)pyrene	23.88	252	13508	0.391	ng		96
38) Dibenzo(a,h)anthracene	26.71	278	12446	0.382	ng	#	89
39) Benzo(g,h,i)perylene	27.50	276	12528	0.382	ng		97

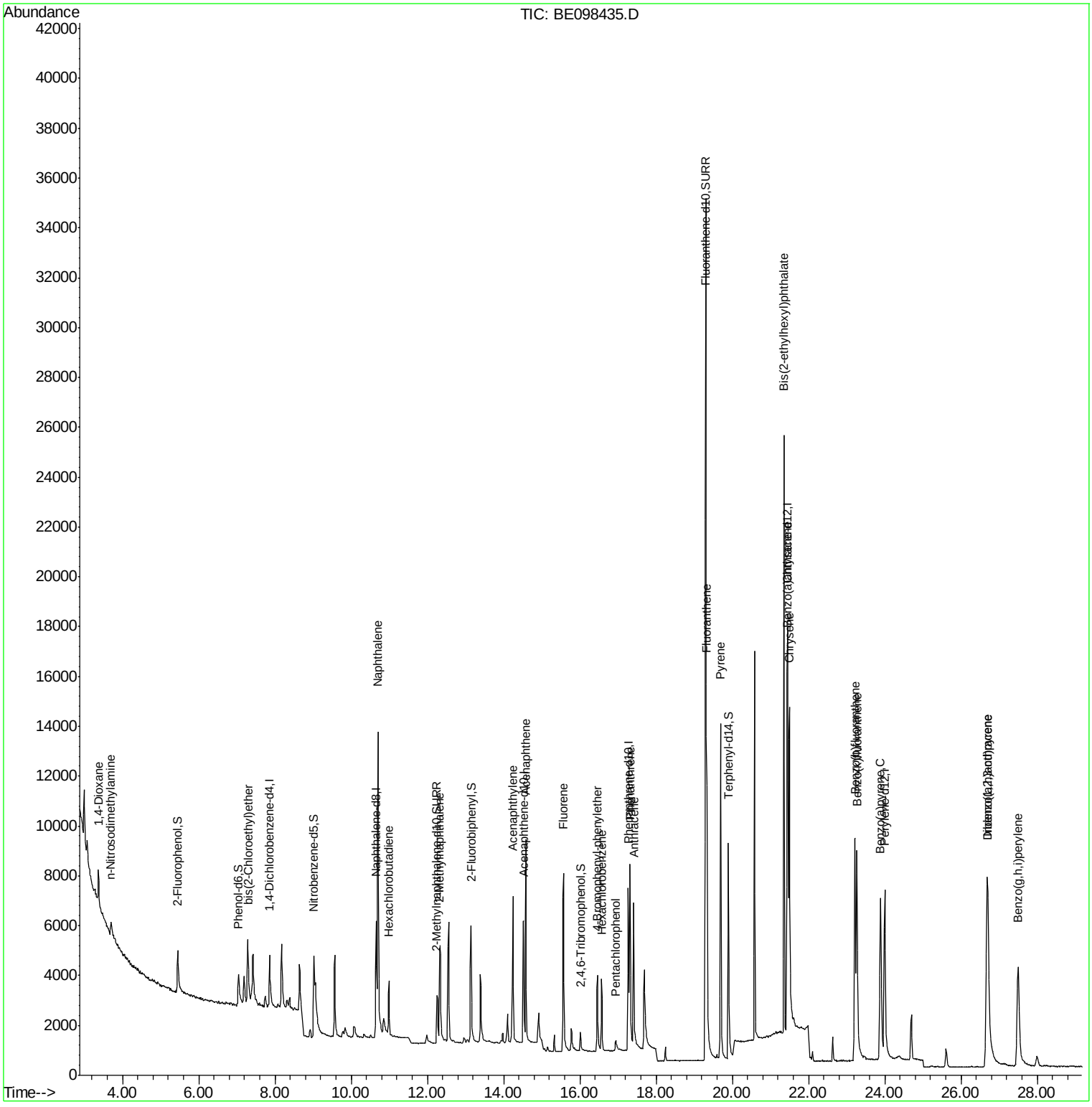
(#) = qualifier out of range (m) = manual integration (+) = signals summed

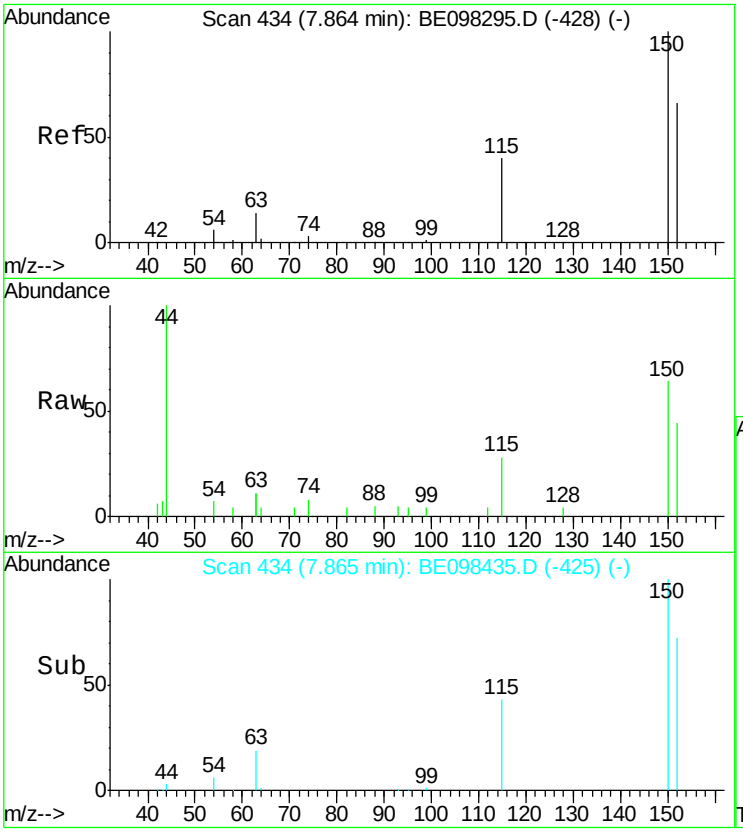
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE121418\
Data File : BE098435.D
Acq On : 14 Dec 2018 14:41
Operator : SJ/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Quant Time: Dec 25 00:38:51 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



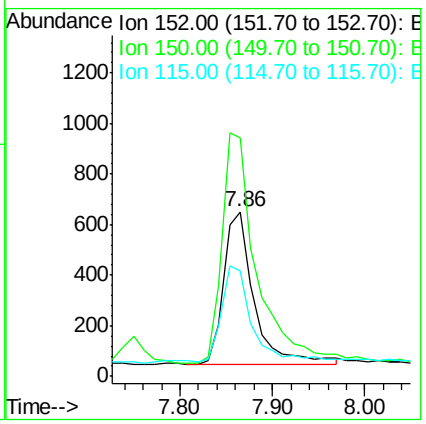


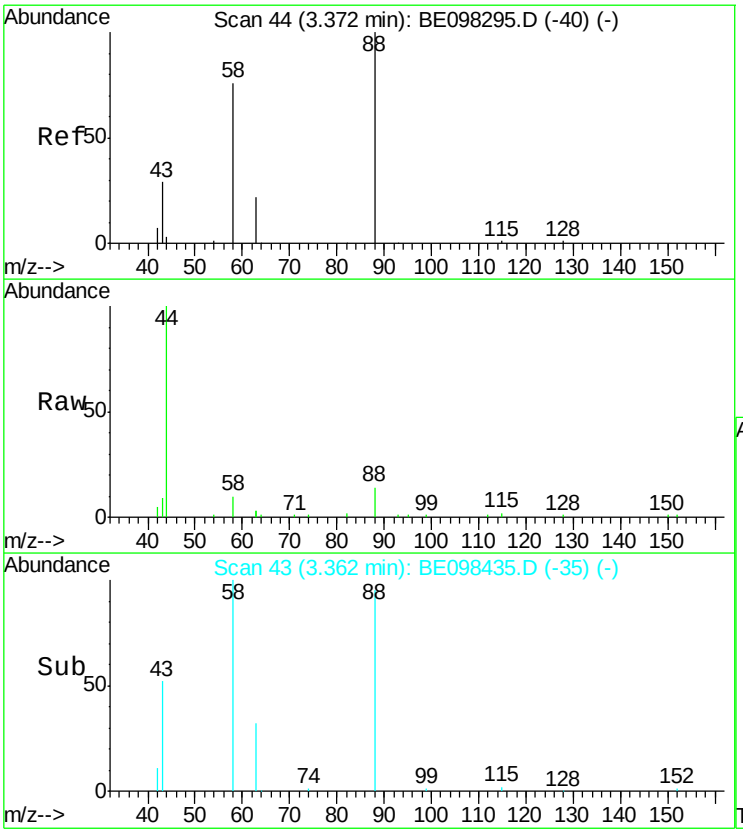
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.86 min Scan# 434
Delta R.T. 0.00 min
Lab File: BE098435.D
Acq: 14 Dec 2018 14:41

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:152 Resp: 1403

Ion	Ratio	Lower	Upper
152	100		
150	144.9	124.2	186.4
115	64.4	53.9	80.9

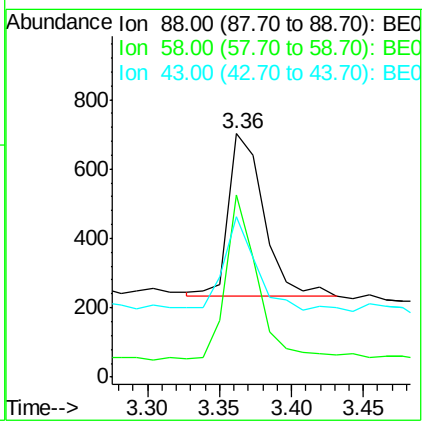


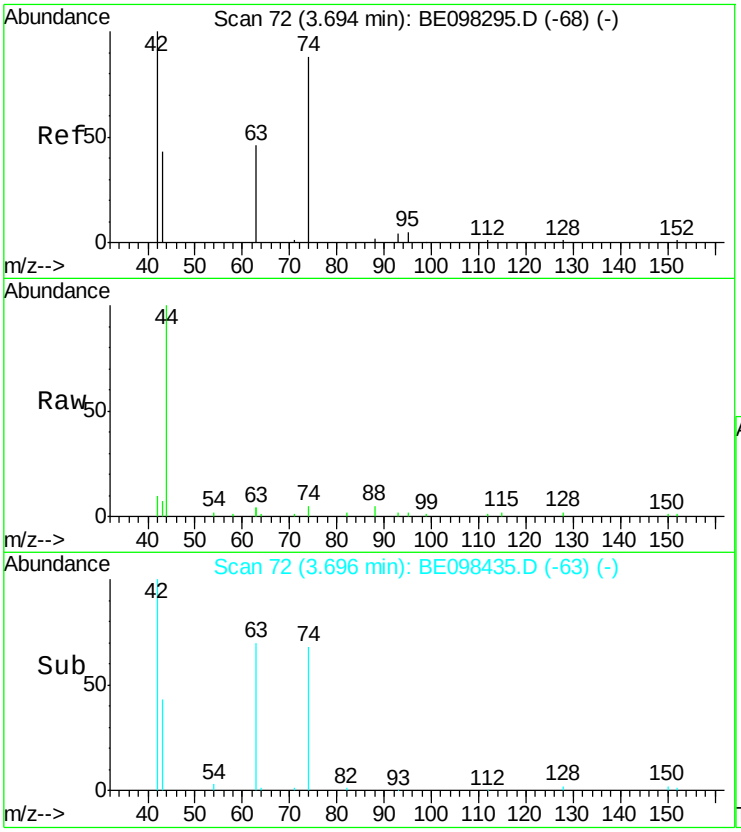


#2
1,4-Dioxane
Concen: 0.328 ng
RT: 3.36 min Scan# 43
Delta R.T. -0.01 min
Lab File: BE098435.D
Acq: 14 Dec 2018 14:41

Tgt Ion: 88 Resp: 795

Ion	Ratio	Lower	Upper
88	100		
58	91.4	75.0	112.6
43	48.6	38.3	57.5



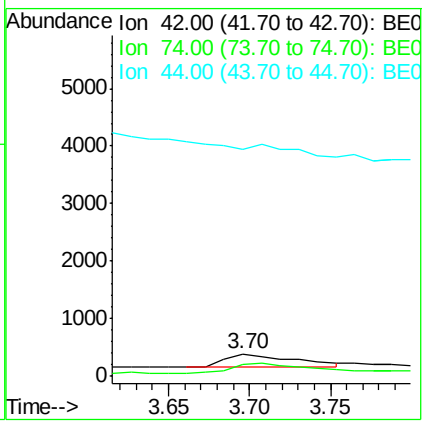


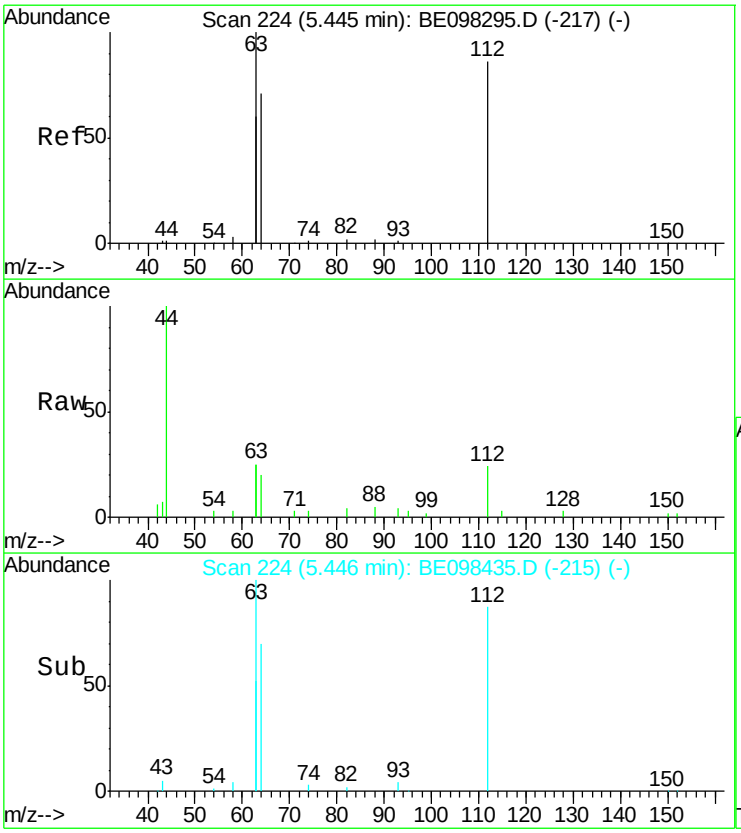
#3
n-Nitrosodimethylamine
Concen: 0.311 ng
RT: 3.70 min Scan# 72
Delta R.T. 0.00 min
Lab File: BE098435.D
Acq: 14 Dec 2018 14:41

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 42 Resp: 679

Ion	Ratio	Lower	Upper
42	100		
74	71.0	0.0	0.0#
44	0.0	0.0	0.0

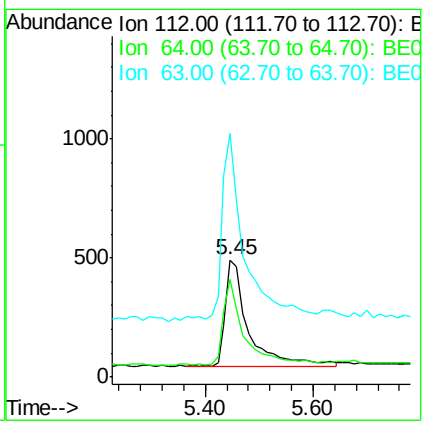


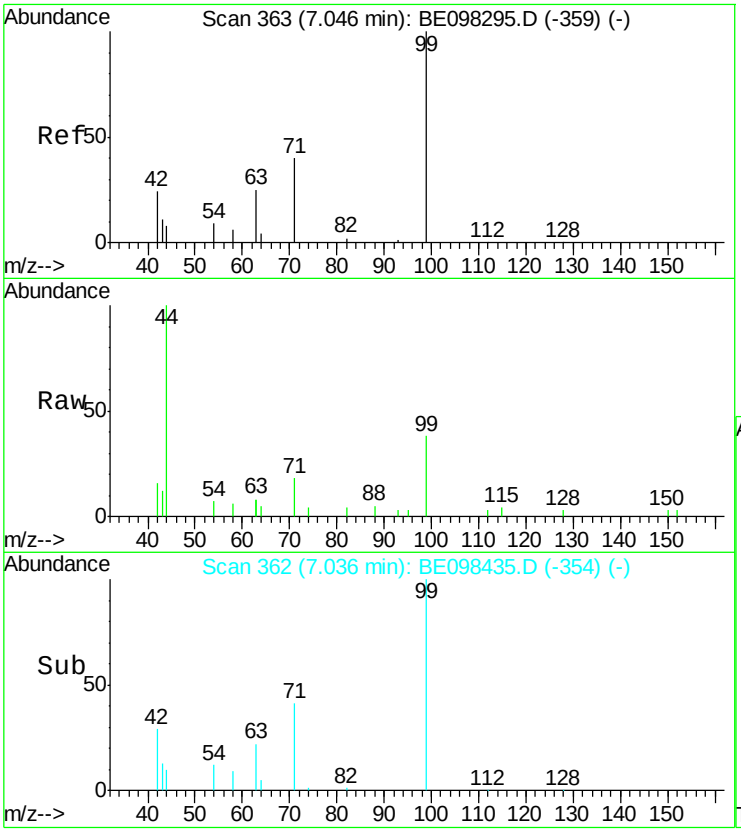


#4
2-Fluorophenol
Concen: 0.403 ng
RT: 5.45 min Scan# 224
Delta R.T. 0.00 min
Lab File: BE098435.D
Acq: 14 Dec 2018 14:41

Tgt Ion:112 Resp: 1324

Ion	Ratio	Lower	Upper
112	100		
64	72.5	59.8	89.8
63	167.6	133.7	200.5



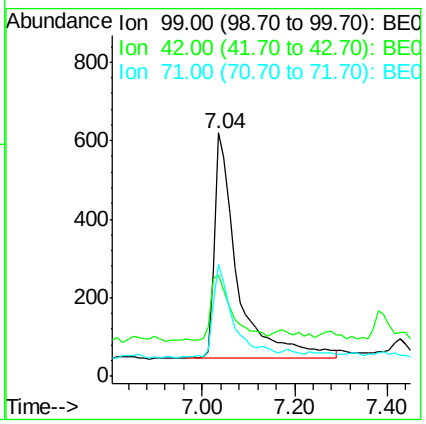


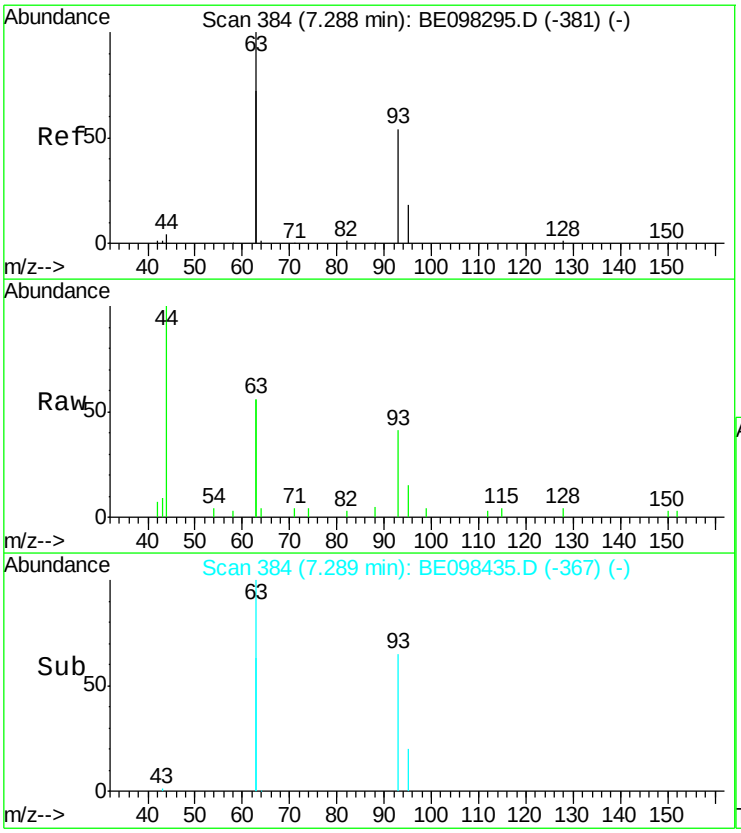
#5
Phenol-d6
Concen: 0.426 ng
RT: 7.04 min Scan# 362
Delta R.T. -0.01 min
Lab File: BE098435.D
Acq: 14 Dec 2018 14:41

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 99 Resp: 1980

Ion	Ratio	Lower	Upper
99	100		
42	26.9	26.3	39.5
71	35.3	33.6	50.4

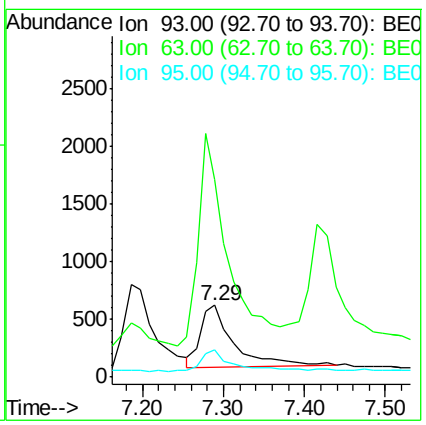


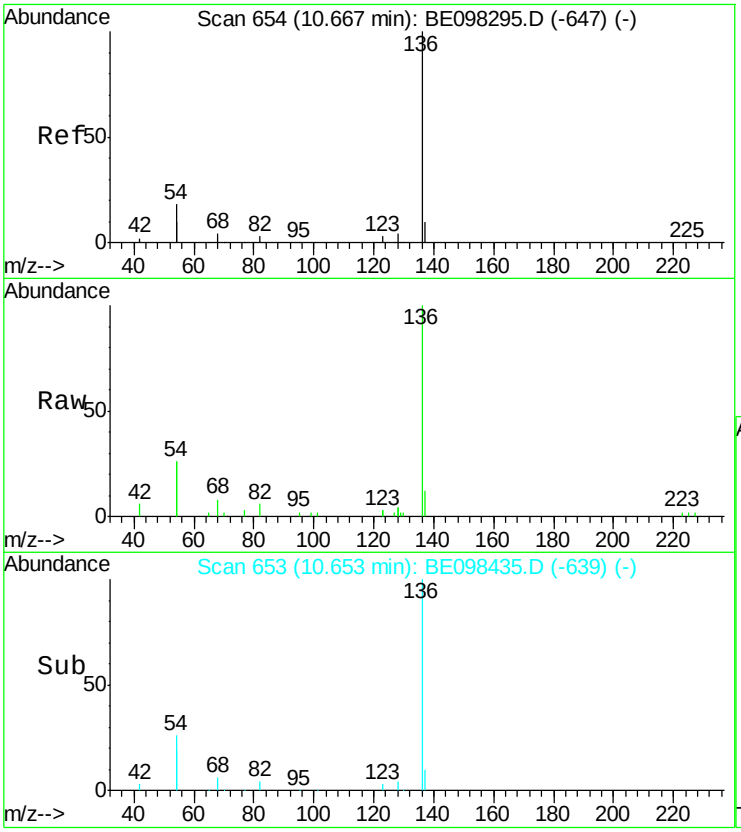


#6
bis(2-Chloroethyl)ether
Concen: 0.350 ng
RT: 7.29 min Scan# 384
Delta R.T. 0.00 min
Lab File: BE098435.D
Acq: 14 Dec 2018 14:41

Tgt Ion: 93 Resp: 1548

Ion	Ratio	Lower	Upper
93	100		
63	304.1	264.4	396.6
95	31.5	26.6	40.0



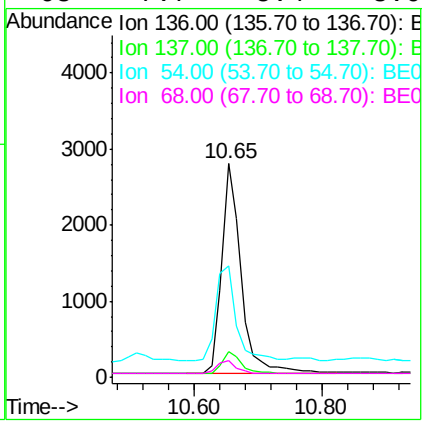


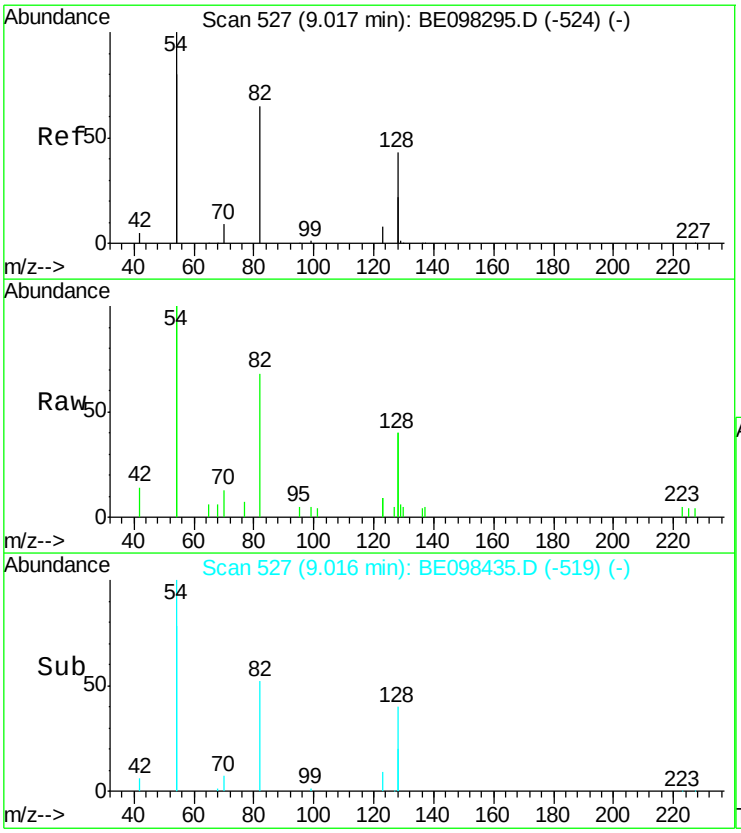
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.65 min Scan# 653
Delta R.T. -0.01 min
Lab File: BE098435.D
Acq: 14 Dec 2018 14:41

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:136 Resp: 5901

Ion	Ratio	Lower	Upper
136	100		
137	11.7	9.2	13.8
54	52.0	28.4	42.6#
68	7.7	5.4	8.0

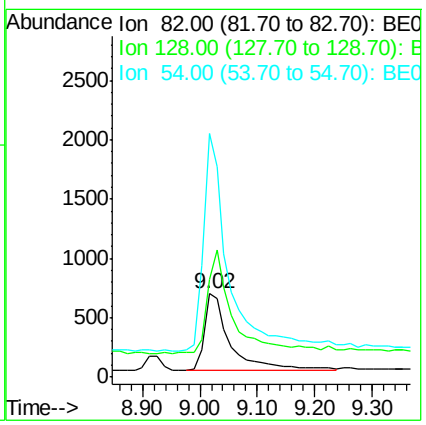


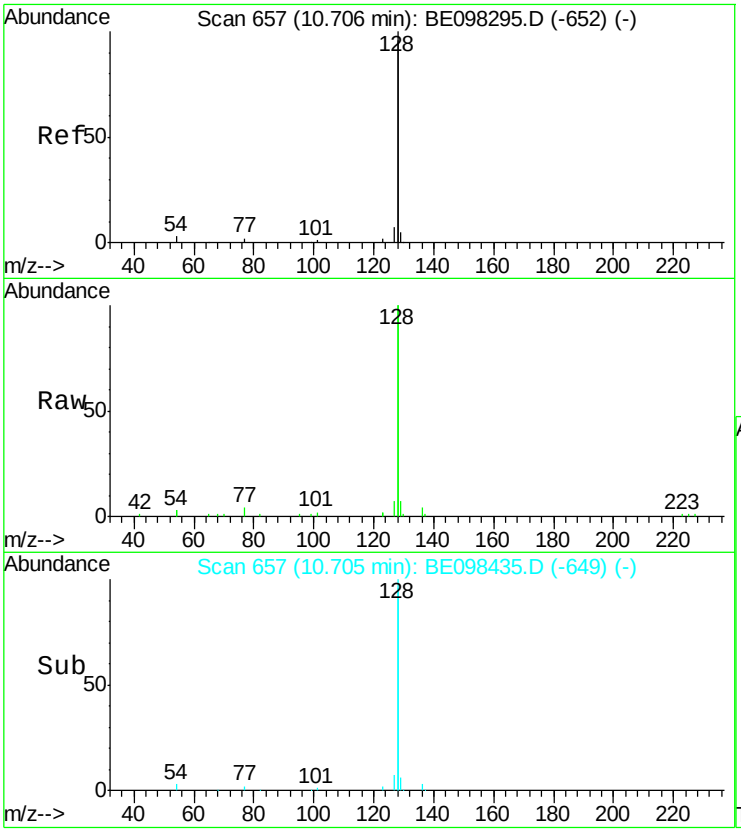


#8
Nitrobenzene-d5
Concen: 0.393 ng
RT: 9.02 min Scan# 527
Delta R.T. -0.00 min
Lab File: BE098435.D
Acq: 14 Dec 2018 14:41

Tgt Ion: 82 Resp: 2112

Ion	Ratio	Lower	Upper
82	100		
128	117.4	102.4	153.6
54	292.3	221.8	332.8



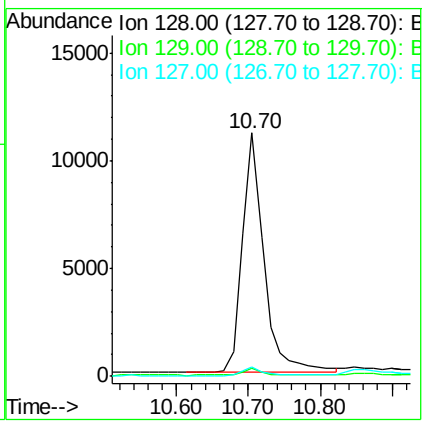


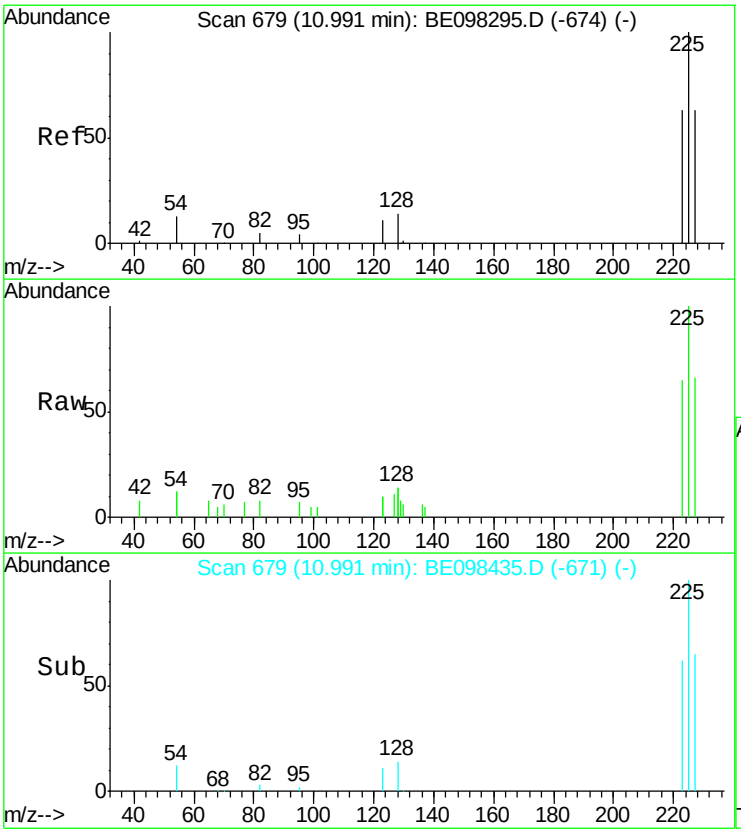
#9
Naphthalene
Concen: 0.388 ng
RT: 10.70 min Scan# 657
Delta R.T. -0.00 min
Lab File: BE098435.D
Acq: 14 Dec 2018 14:41

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:128 Resp: 23022

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

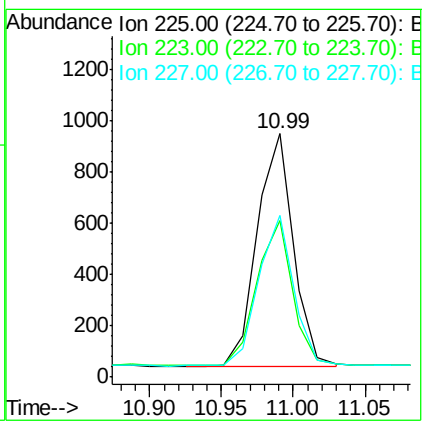


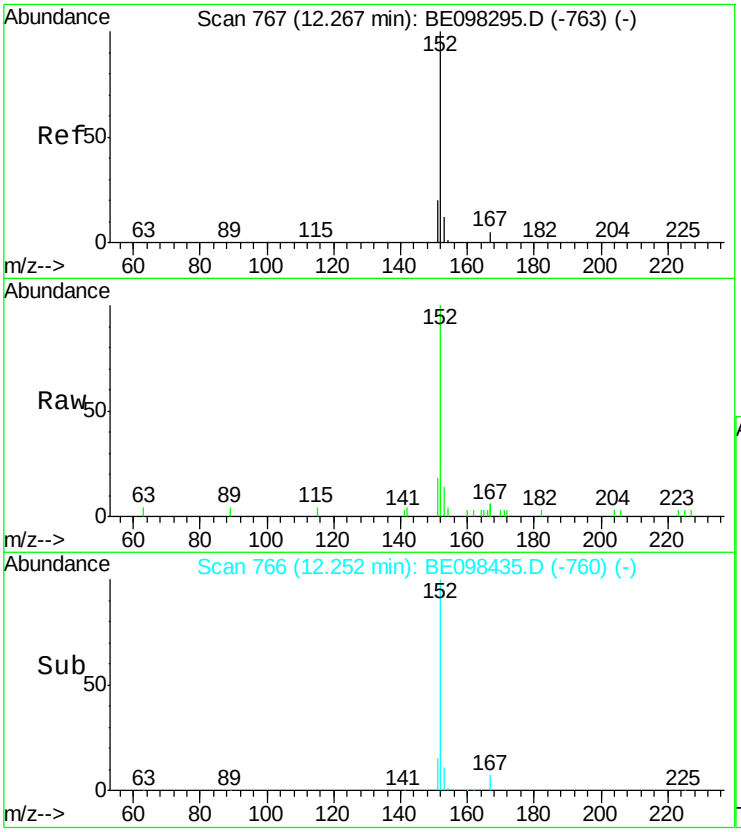


#10
Hexachlorobutadiene
Concen: 0.417 ng
RT: 10.99 min Scan# 679
Delta R.T. -0.00 min
Lab File: BE098435.D
Acq: 14 Dec 2018 14:41

Tgt Ion:225 Resp: 1578

Ion	Ratio	Lower	Upper
225	100		
223	62.4	49.4	74.0
227	63.6	52.0	78.0



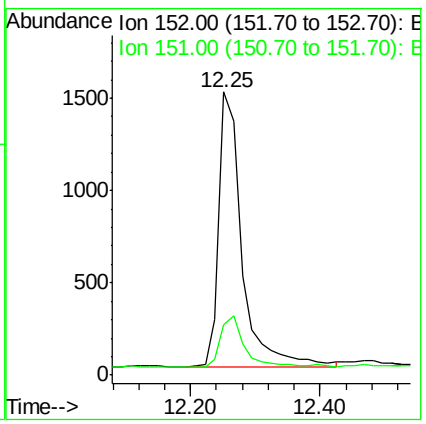


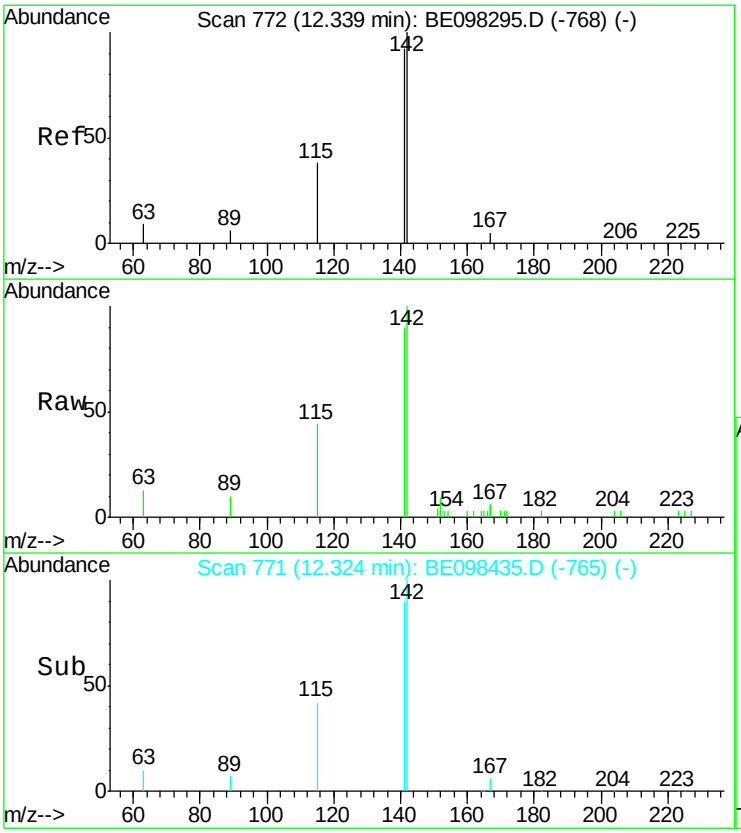
#11
2-Methylnaphthalene-d10
Concen: 0.383 ng
RT: 12.25 min Scan# 766
Delta R.T. -0.02 min
Lab File: BE098435.D
Acq: 14 Dec 2018 14:41

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:152 Resp: 3671

Ion	Ratio	Lower	Upper
152	100		
151	19.6	16.2	24.4

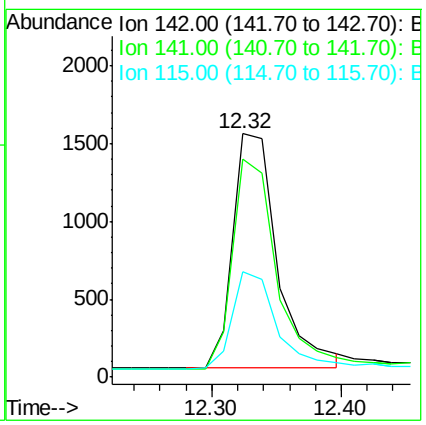


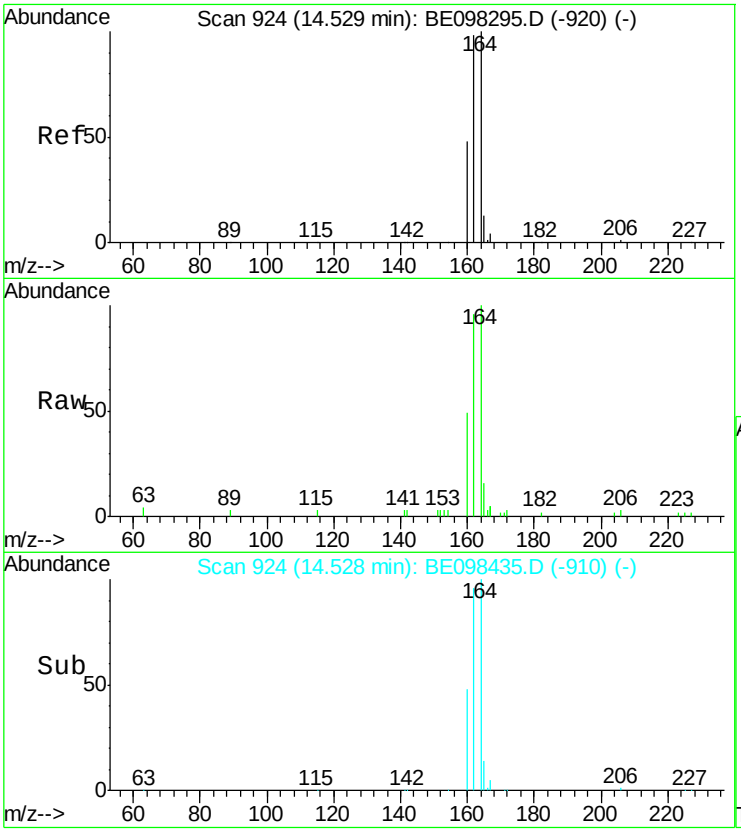


#12
2-Methylnaphthalene
Concen: 0.372 ng
RT: 12.32 min Scan# 771
Delta R.T. -0.02 min
Lab File: BE098435.D
Acq: 14 Dec 2018 14:41

Tgt Ion:142 Resp: 3587

Ion	Ratio	Lower	Upper
142	100		
141	89.7	71.0	106.6
115	43.5	32.2	48.2



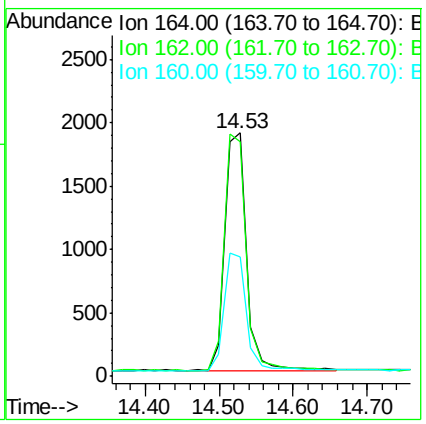


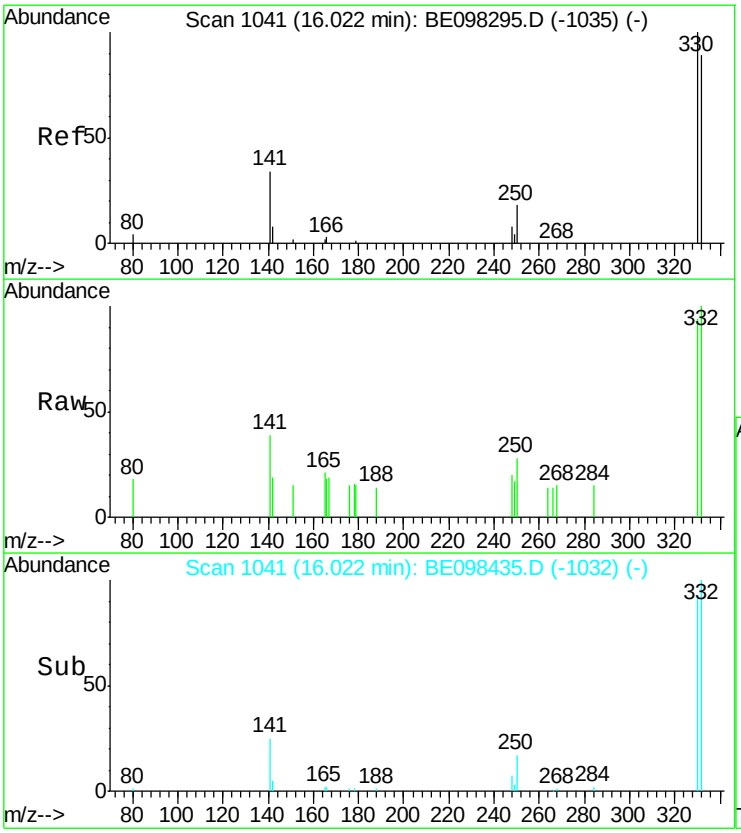
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.53 min Scan# 924
Delta R.T. -0.00 min
Lab File: BE098435.D
Acq: 14 Dec 2018 14:41

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:164 Resp: 3806

Ion	Ratio	Lower	Upper
164	100		
162	96.3	77.6	116.4
160	49.2	36.0	54.0

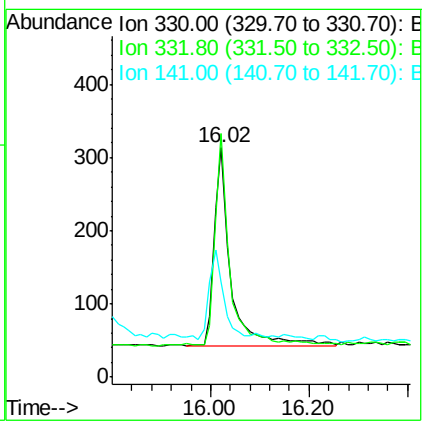


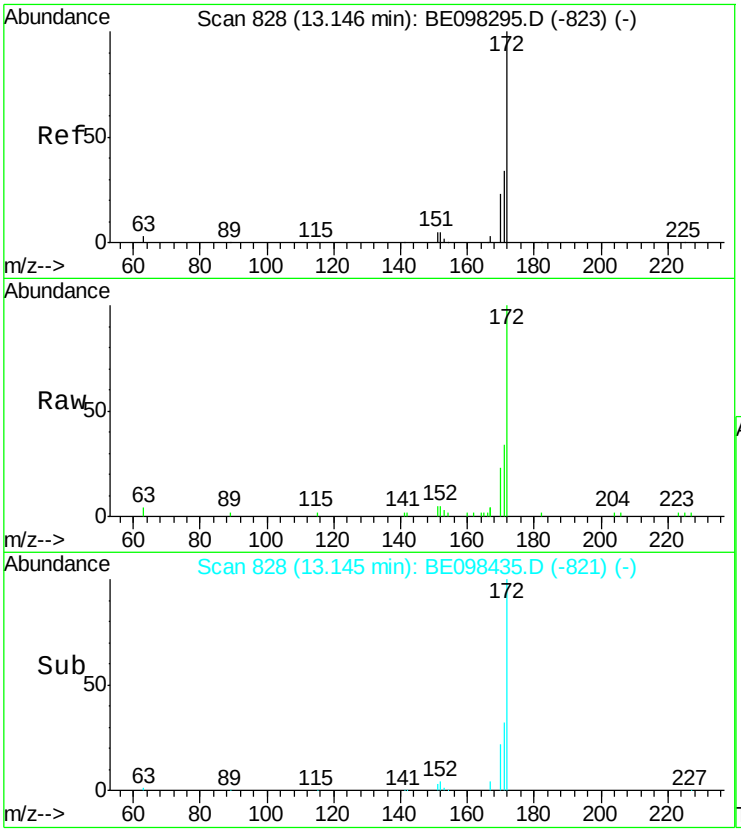


#14
2,4,6-Tribromophenol
Concen: 0.448 ng
RT: 16.02 min Scan# 1041
Delta R.T. -0.00 min
Lab File: BE098435.D
Acq: 14 Dec 2018 14:41

Tgt Ion:330 Resp: 626

Ion	Ratio	Lower	Upper
330	100		
332	92.2	76.2	114.4
141	38.8	39.0	58.4#



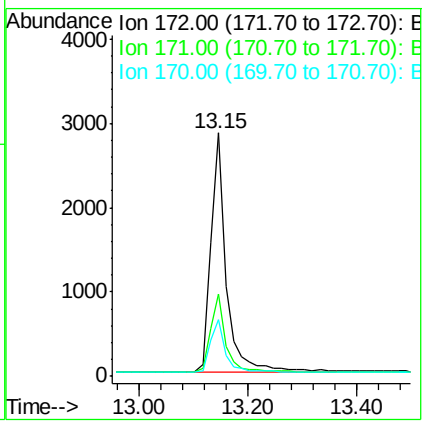


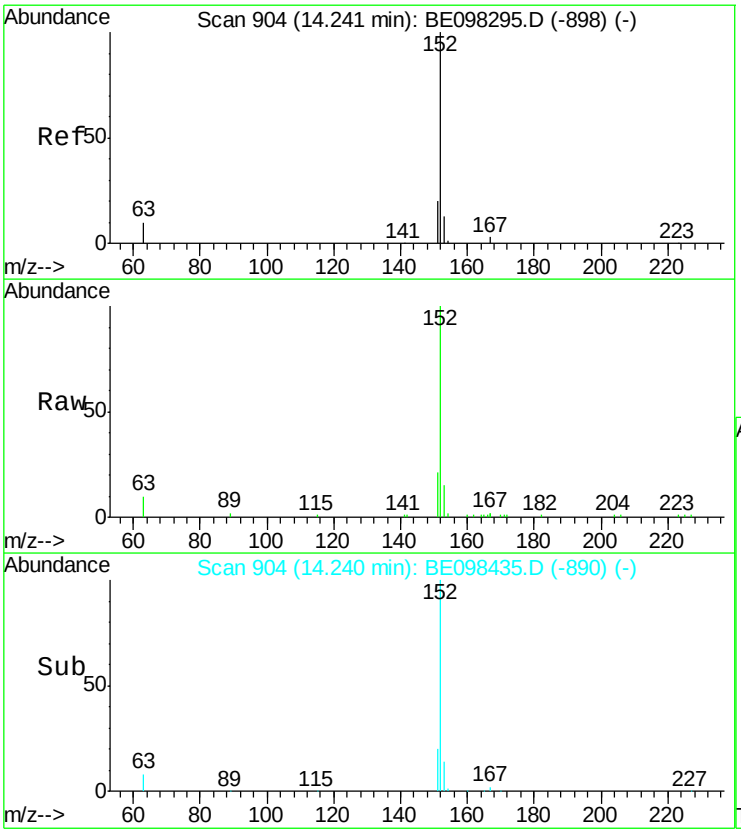
#15
2-Fluorobiphenyl
Concen: 0.358 ng
RT: 13.15 min Scan# 828
Delta R.T. -0.00 min
Lab File: BE098435.D
Acq: 14 Dec 2018 14:41

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:172 Resp: 5752

Ion	Ratio	Lower	Upper
172	100		
171	33.6	27.5	41.3
170	23.2	19.6	29.4

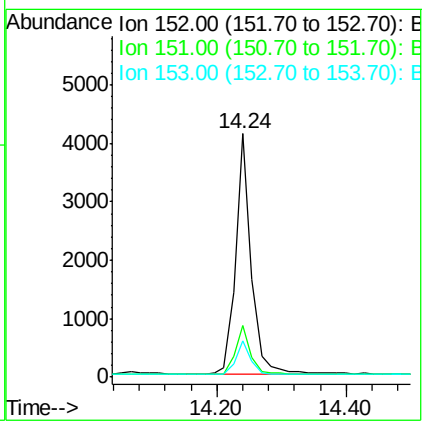


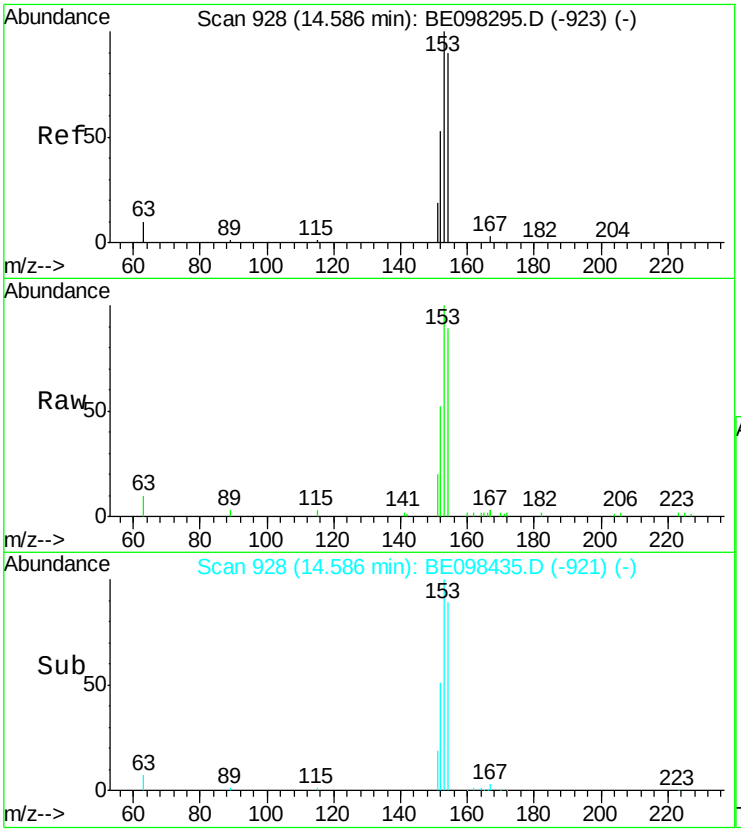


#16
Acenaphthylene
Concen: 0.386 ng
RT: 14.24 min Scan# 904
Delta R.T. -0.00 min
Lab File: BE098435.D
Acq: 14 Dec 2018 14:41

Tgt Ion:152 Resp: 6886

Ion	Ratio	Lower	Upper
152	100		
151	19.9	15.5	23.3
153	13.2	10.6	16.0



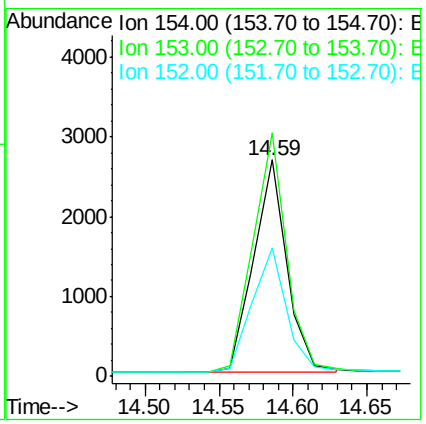


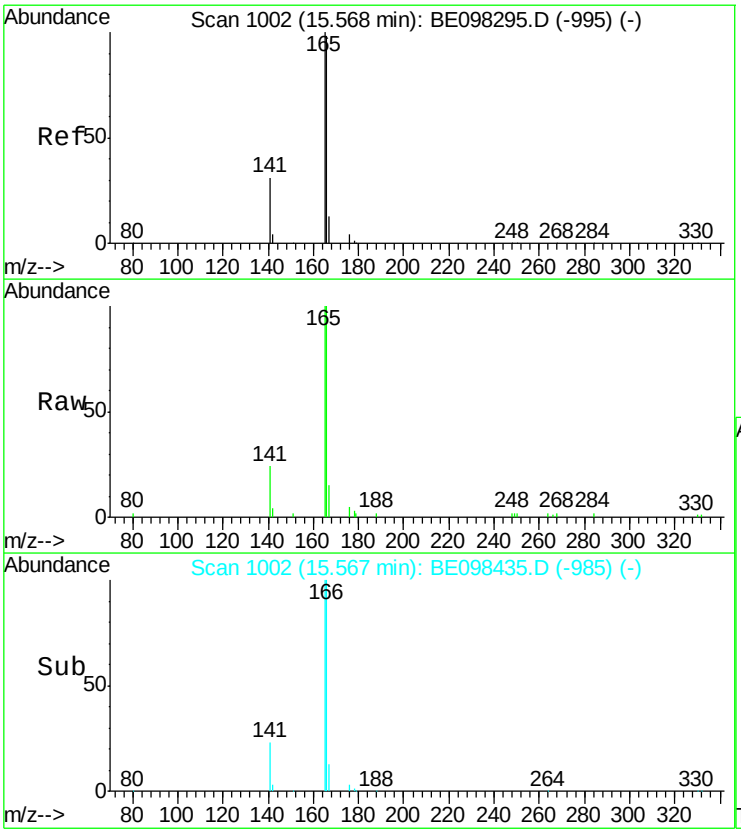
#17
Acenaphthene
Concen: 0.386 ng
RT: 14.59 min Scan# 928
Delta R.T. -0.00 min
Lab File: BE098435.D
Acq: 14 Dec 2018 14:41

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:154 Resp: 4129

Ion	Ratio	Lower	Upper
154	100		
153	114.8	91.8	137.6
152	60.2	45.5	68.3

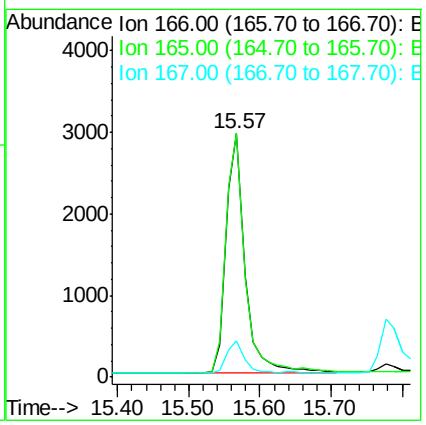


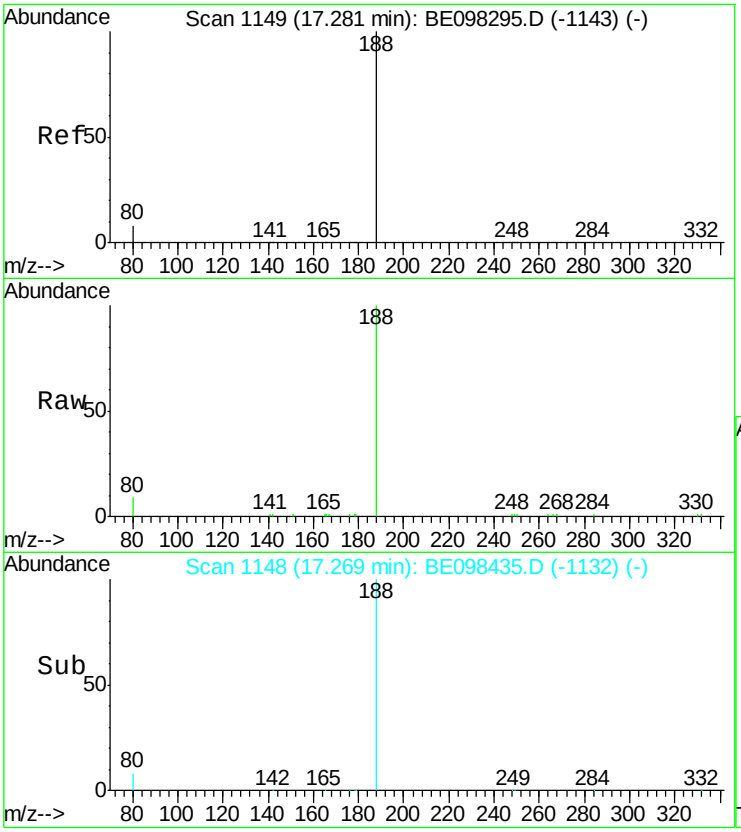


#18
Fluorene
Concen: 0.383 ng
RT: 15.57 min Scan# 1002
Delta R.T. -0.00 min
Lab File: BE098435.D
Acq: 14 Dec 2018 14:41

Tgt Ion:166 Resp: 5484

Ion	Ratio	Lower	Upper
166	100		
165	101.0	79.3	118.9
167	13.7	11.3	16.9



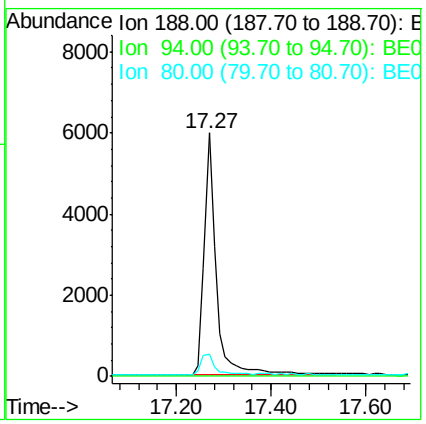


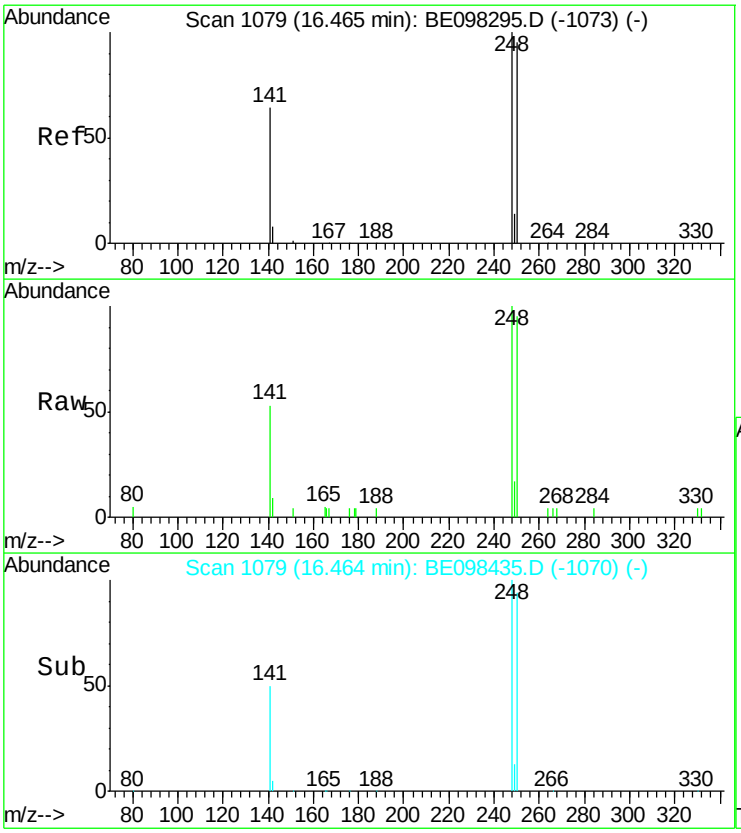
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.27 min Scan# 1148
Delta R.T. -0.01 min
Lab File: BE098435.D
Acq: 14 Dec 2018 14:41

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:188 Resp: 10480

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	9.4	7.2	10.8

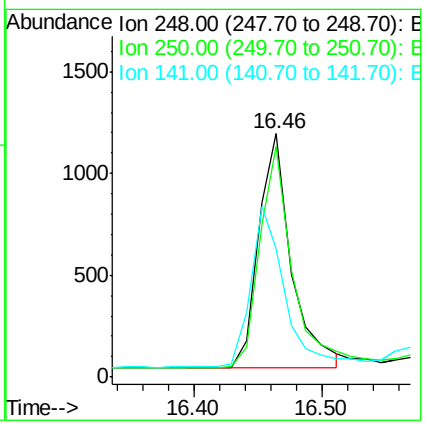


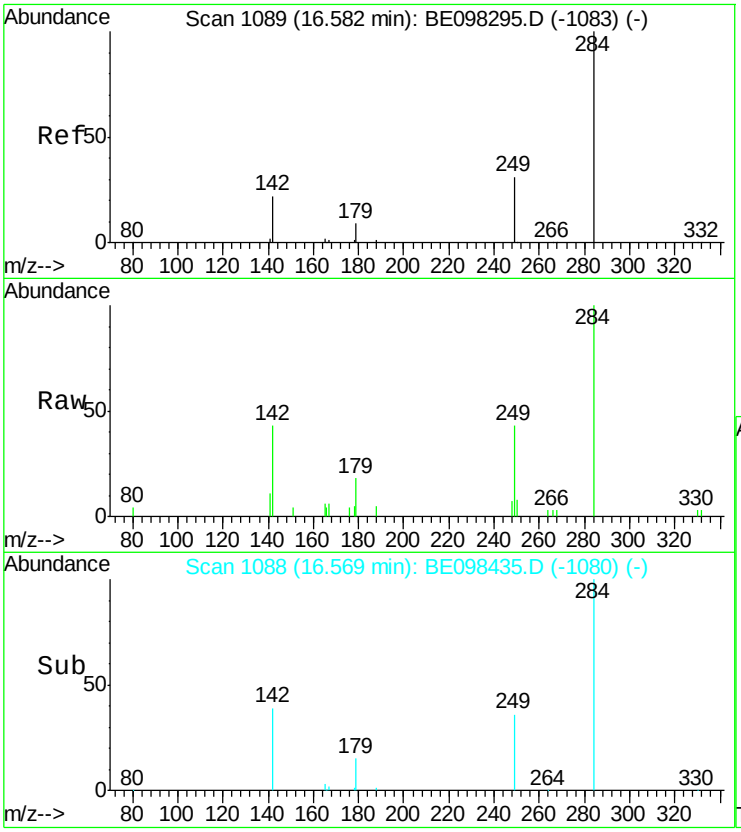


#20
4-Bromophenyl-phenylether
Concen: 0.365 ng
RT: 16.46 min Scan# 1079
Delta R.T. -0.00 min
Lab File: BE098435.D
Acq: 14 Dec 2018 14:41

Tgt Ion:248 Resp: 2058

Ion	Ratio	Lower	Upper
248	100		
250	94.8	71.0	106.6
141	52.5	62.1	93.1#



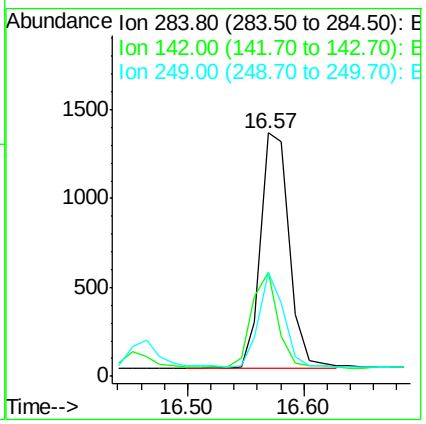


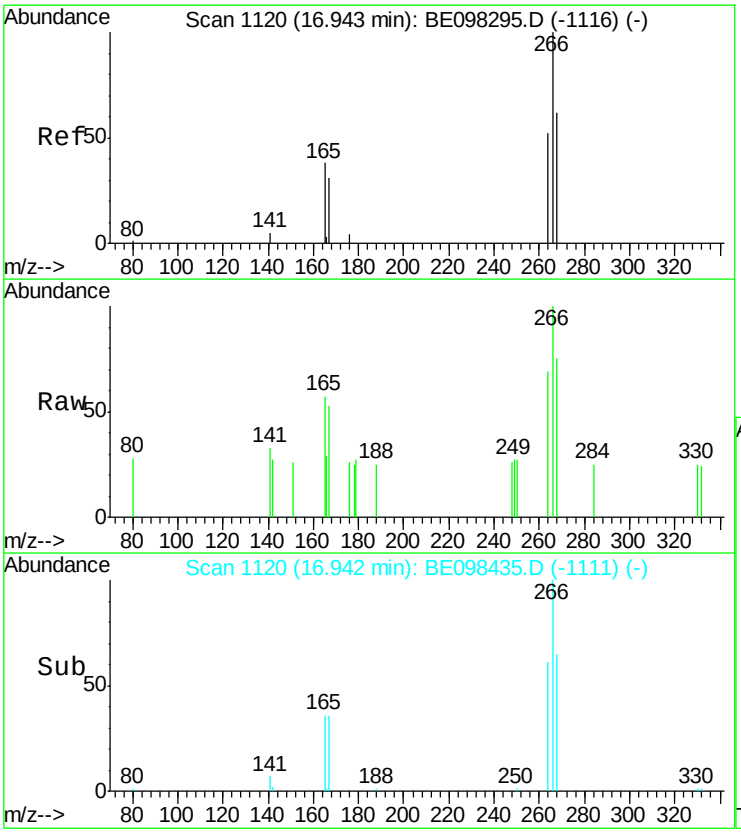
#21
Hexachlorobenzene
Concen: 0.374 ng
RT: 16.57 min Scan# 1088
Delta R.T. -0.01 min
Lab File: BE098435.D
Acq: 14 Dec 2018 14:41

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:284 Resp: 2270

Ion	Ratio	Lower	Upper
284	100		
142	37.2	26.3	39.5
249	35.0	26.0	39.0

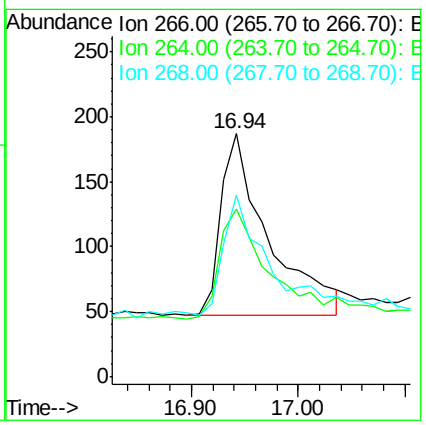


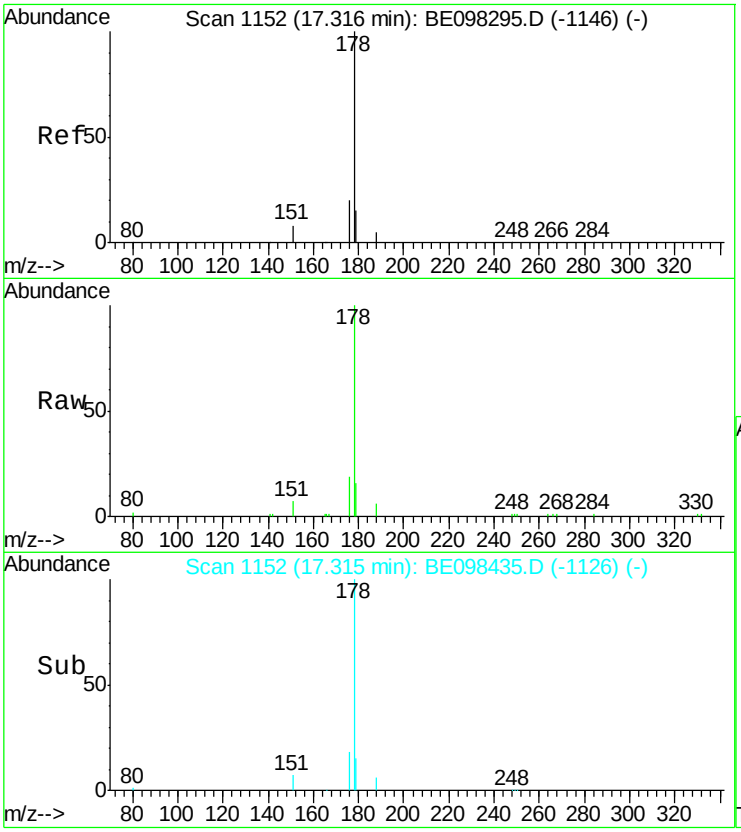


#22
Pentachlorophenol
Concen: 0.438 ng
RT: 16.94 min Scan# 1120
Delta R.T. 0.00 min
Lab File: BE098435.D
Acq: 14 Dec 2018 14:41

Tgt Ion:266 Resp: 433

Ion	Ratio	Lower	Upper
266	100		
264	69.0	59.0	88.4
268	74.9	55.1	82.7



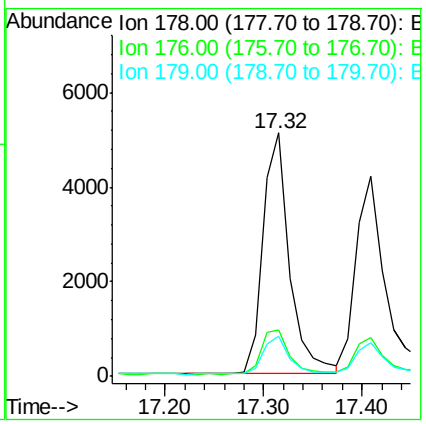


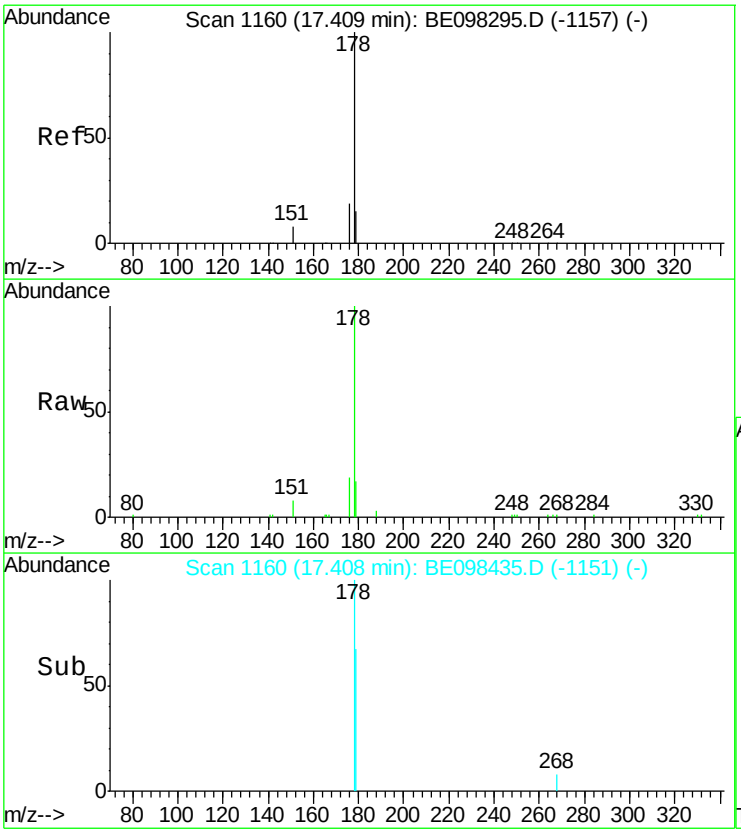
#23
Phenanthrene
Concen: 0.373 ng
RT: 17.32 min Scan# 1152
Delta R.T. -0.00 min
Lab File: BE098435.D
Acq: 14 Dec 2018 14:41

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:178 Resp: 9510

Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.9	23.9
179	15.5	12.3	18.5

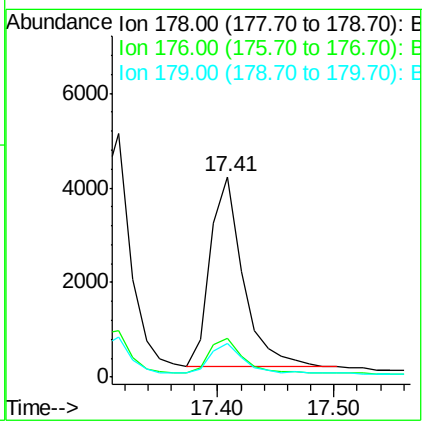


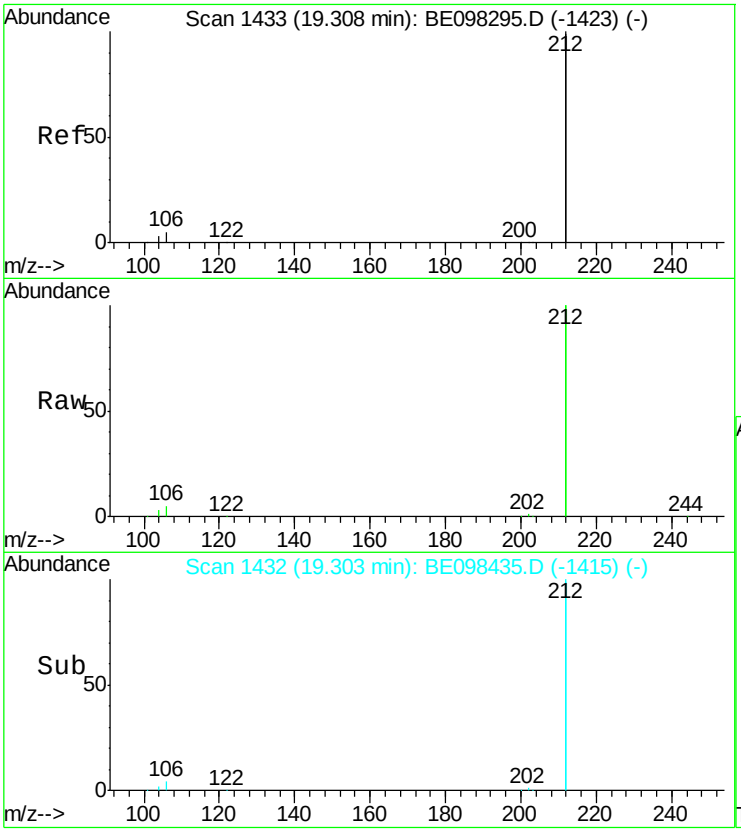


#24
Anthracene
Concen: 0.347 ng
RT: 17.41 min Scan# 1160
Delta R.T. -0.00 min
Lab File: BE098435.D
Acq: 14 Dec 2018 14:41

Tgt Ion:178 Resp: 7874

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.0	22.4
179	15.1	12.3	18.5



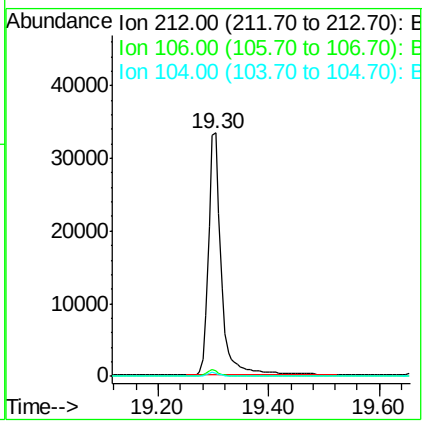


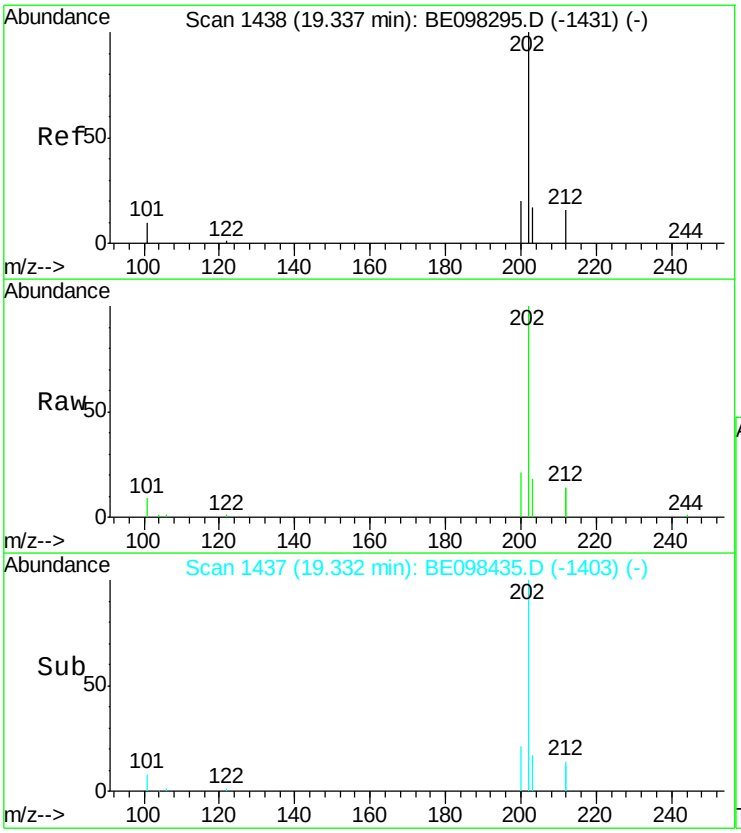
#25
Fluoranthene-d10
Concen: 0.400 ng
RT: 19.30 min Scan# 1432
Delta R.T. -0.01 min
Lab File: BE098435.D
Acq: 14 Dec 2018 14:41

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:212 Resp: 53745

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

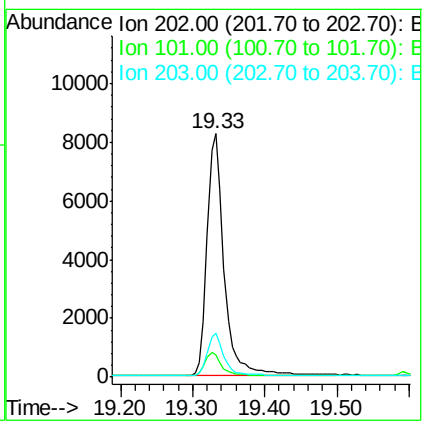


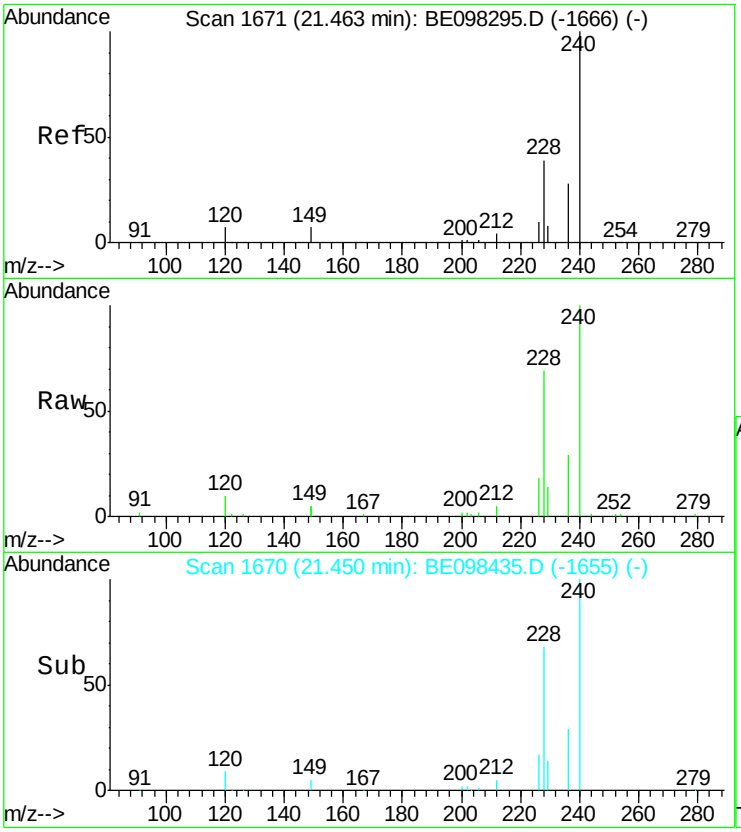


#26
Fluoranthene
Concen: 0.401 ng
RT: 19.33 min Scan# 1437
Delta R.T. -0.01 min
Lab File: BE098435.D
Acq: 14 Dec 2018 14:41

Tgt Ion:202 Resp: 13515

Ion	Ratio	Lower	Upper
202	100		
101	9.4	8.0	12.0
203	16.8	13.8	20.6



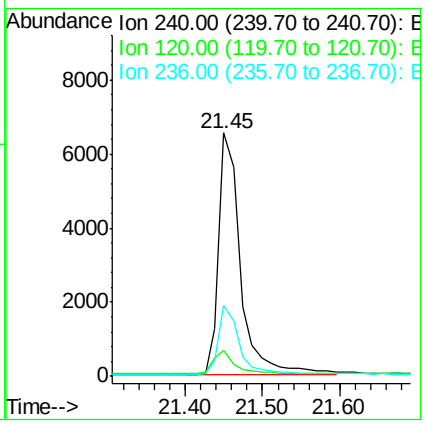


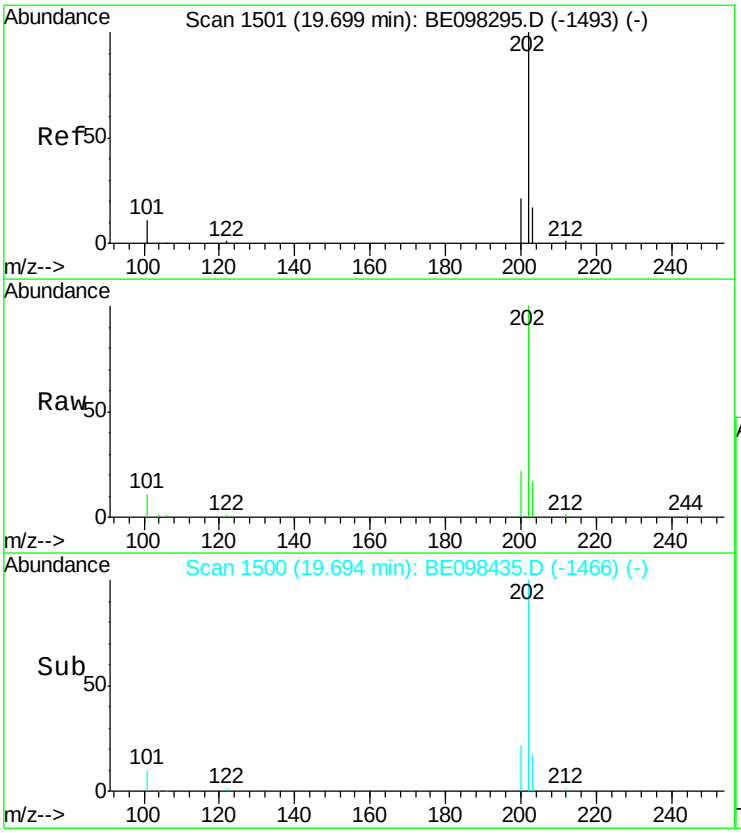
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.45 min Scan# 1670
Delta R.T. -0.01 min
Lab File: BE098435.D
Acq: 14 Dec 2018 14:41

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:240 Resp: 12877

Ion	Ratio	Lower	Upper
240	100		
120	10.5	9.5	14.3
236	29.2	22.7	34.1





#28
Pyrene
Concen: 0.343 ng
RT: 19.69 min Scan# 1500
Delta R.T. -0.01 min
Lab File: BE098435.D
Acq: 14 Dec 2018 14:41

Tgt Ion:202 Resp: 13842

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