Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE121918\
Data File : BE098523.D
Acq On : 19 Dec 2018 10:20
Operator : SJ/JU
Sample : J6405-05
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : RE105D1-20181210

Quant Time: Dec 19 11:01:22 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	775	0.40	ng		-0.01
7) Naphthalene-d8	10.65	136	3813	0.40	ng		-0.01
13) Acenaphthene-d10	14.51	164	2712	0.40	ng		-0.01
19) Phenanthrene-d10	17.27	188	6692	0.40	ng		-0.01
27) Chrysene-d12	21.45	240	7495	0.40	ng		-0.01
34) Perylene-d12	23.99	264	6897	0.40	ng		-0.02
System Monitoring Compounds							
4) 2-Fluorophenol	5.45	112	361	0.20	ng		0.00
5) Phenol-d6	7.05	99	348	0.14	ng		0.00
8) Nitrobenzene-d5	9.03	82	1159	0.33	ng		0.01
11) 2-Methylnaphthalene-d10	12.25	152	2953	0.48	ng		-0.01
14) 2,4,6-Tribromophenol	16.02	330	376	0.38	ng		0.00
15) 2-Fluorobiphenyl	13.13	172	5134	0.45	ng		-0.01
25) Fluoranthene-d10	19.30	212	39806	0.46	ng		-0.01
29) Terphenyl-d14	19.89	244	8305	0.46	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.36	88	5560	4.148	ng		97
3) n-Nitrosodimethylamine	3.73	42	48	0.040	ng	#	100
6) bis(2-Chloroethyl)ether	7.30	93	64	0.026	ng	#	74
22) Pentachlorophenol	16.95	266	8	0.030	ng	#	73
32) Bis(2-ethylhexyl)phthalate	21.35	149	1587	0.037	ng		98

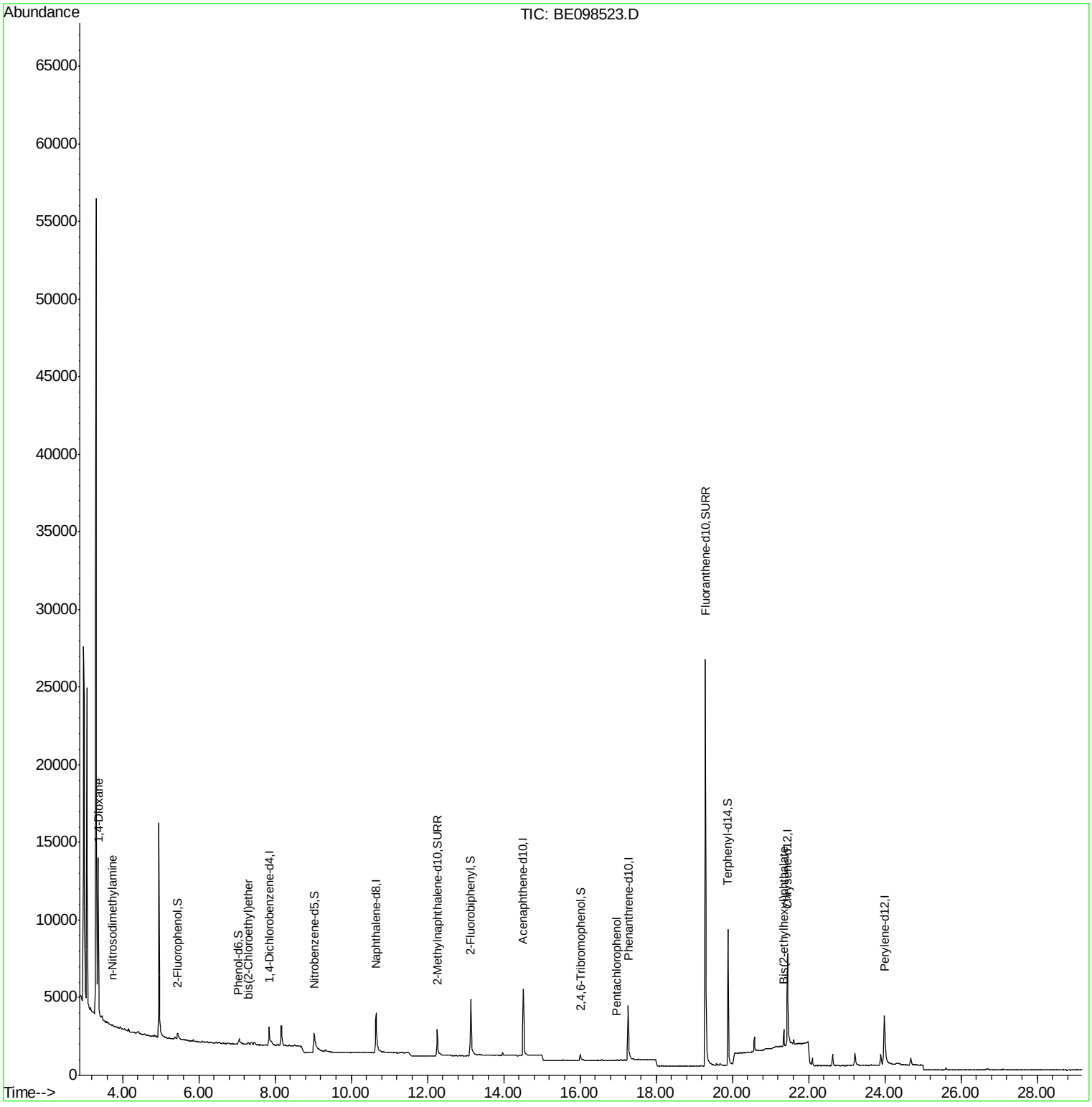
(#) = qualifier out of range (m) = manual integration (+) = signals summed

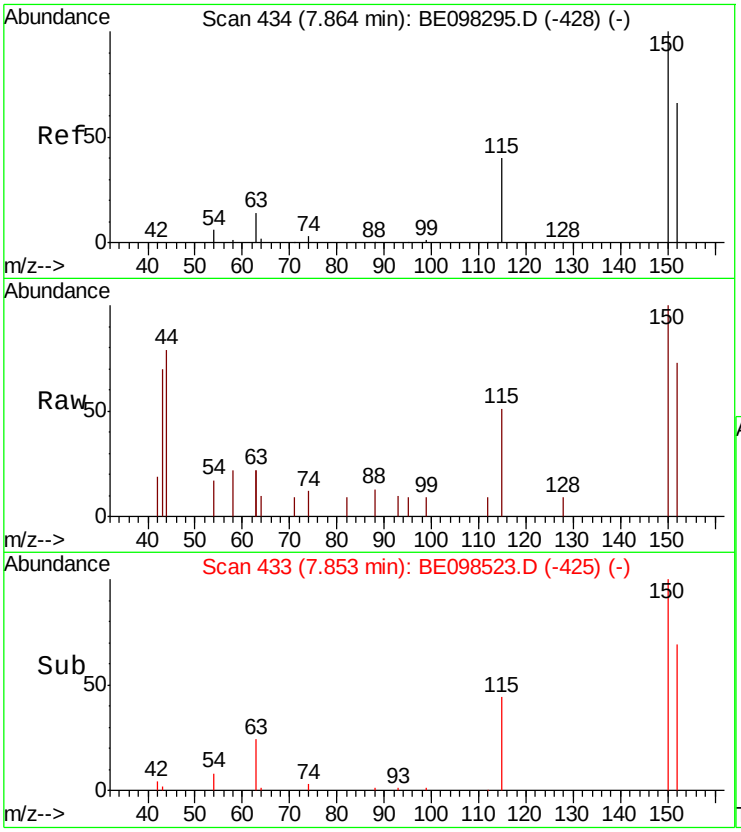
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE121918\
Data File : BE098523.D
Acq On : 19 Dec 2018 10:20
Operator : SJ/JU
Sample : J6405-05
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
RE105D1-20181210

Quant Time: Dec 19 11:01:22 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



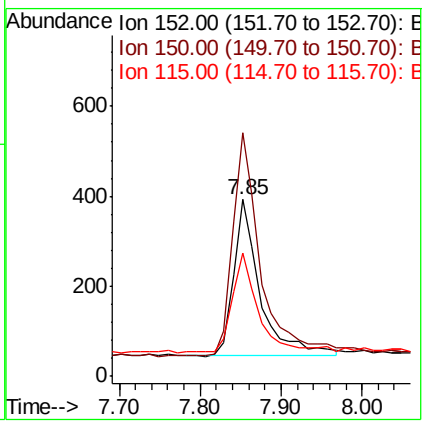


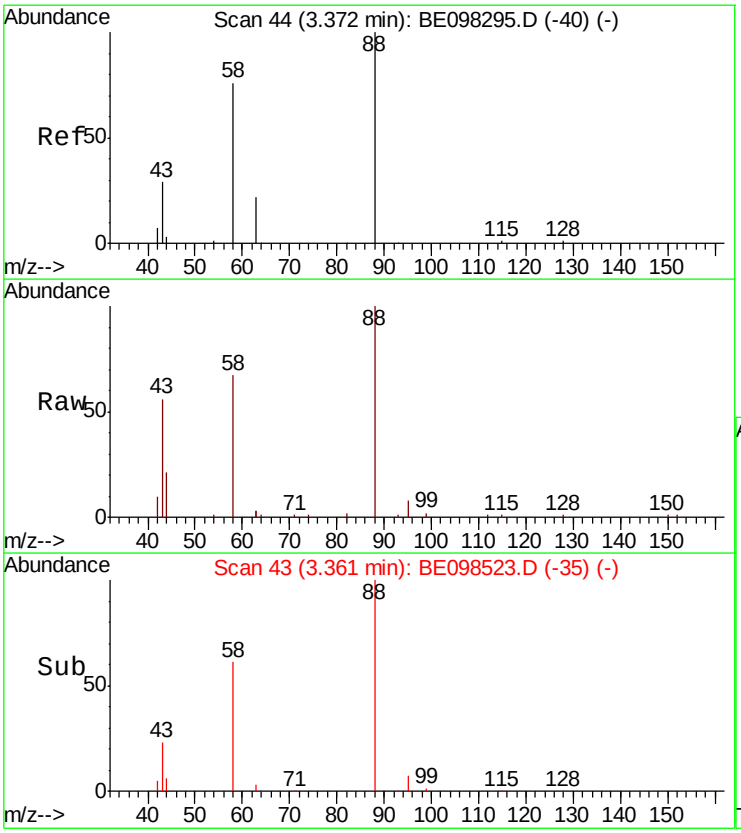
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.85 min Scan# 433
Delta R.T. -0.01 min
Lab File: BE098523.D
Acq: 19 Dec 2018 10:20

Instrument :
BNA_E
ClientSampleId :
RE105D1-20181210

Tgt Ion:152 Resp: 775

Ion	Ratio	Lower	Upper
152	100		
150	137.7	124.2	186.4
115	70.0	53.9	80.9

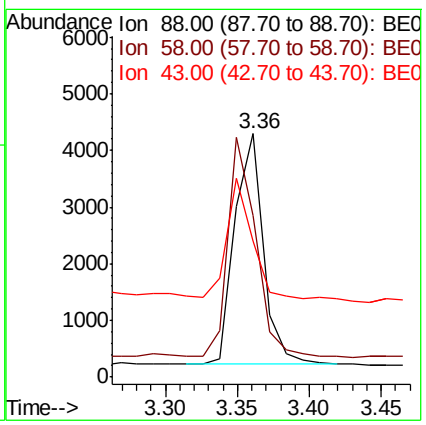


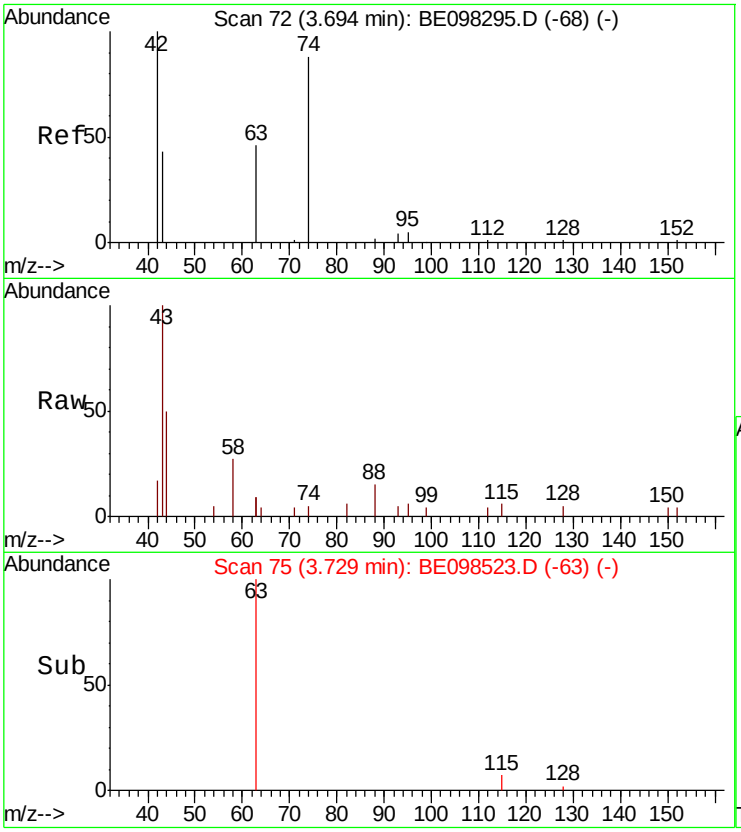


#2
1,4-Dioxane
Concen: 4.148 ng
RT: 3.36 min Scan# 43
Delta R.T. -0.01 min
Lab File: BE098523.D
Acq: 19 Dec 2018 10:20

Tgt Ion: 88 Resp: 5560

Ion	Ratio	Lower	Upper
88	100		
58	91.8	75.0	112.6
43	45.6	38.3	57.5



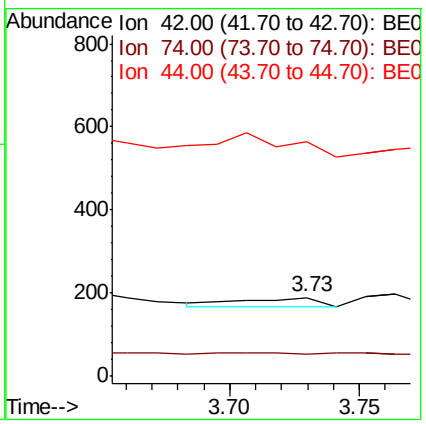


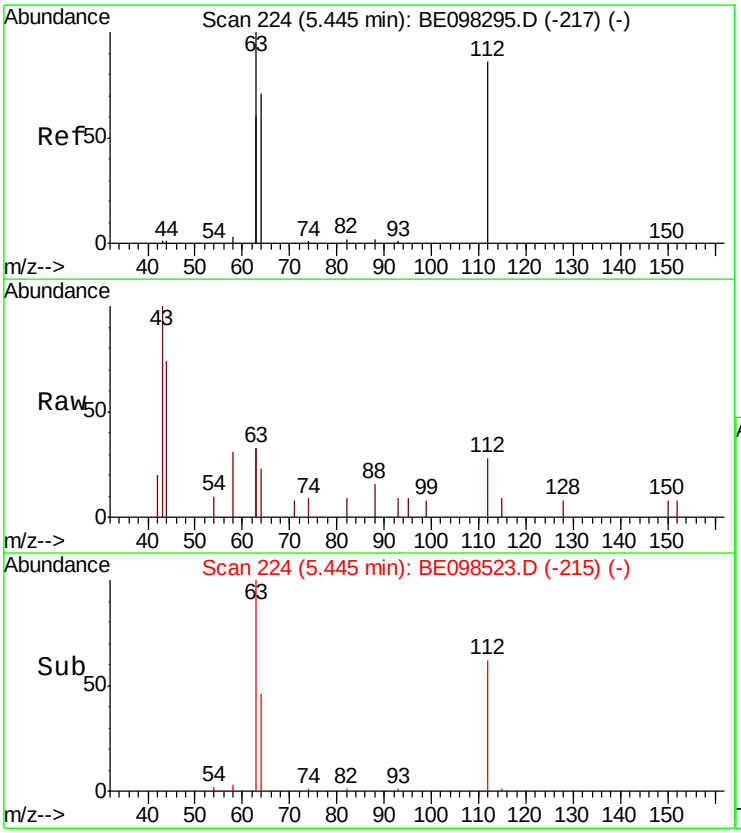
#3
n-Nitrosodimethylamine
Concen: 0.040 ng
RT: 3.73 min Scan# 75
Delta R.T. 0.04 min
Lab File: BE098523.D
Acq: 19 Dec 2018 10:20

Instrument :
BNA_E
ClientSampleId :
RE105D1-20181210

Tgt Ion: 42 Resp: 48

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

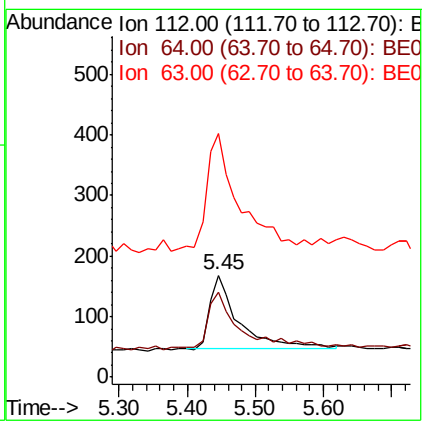


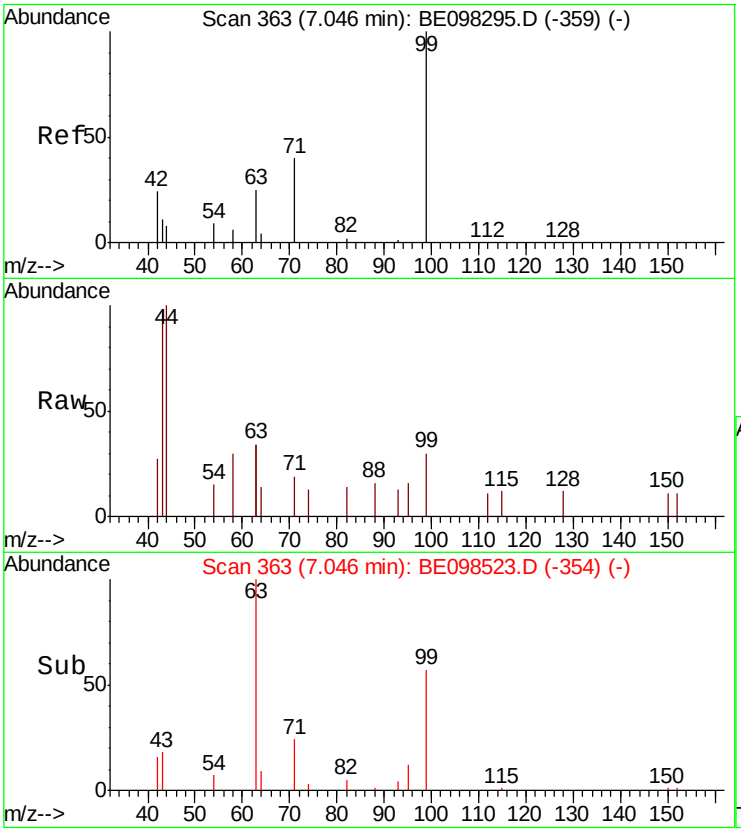


#4
2-Fluorophenol
Concen: 0.199 ng
RT: 5.45 min Scan# 224
Delta R.T. 0.00 min
Lab File: BE098523.D
Acq: 19 Dec 2018 10:20

Tgt Ion:112 Resp: 361

Ion	Ratio	Lower	Upper
112	100		
64	91.1	59.8	89.8#
63	169.3	133.7	200.5



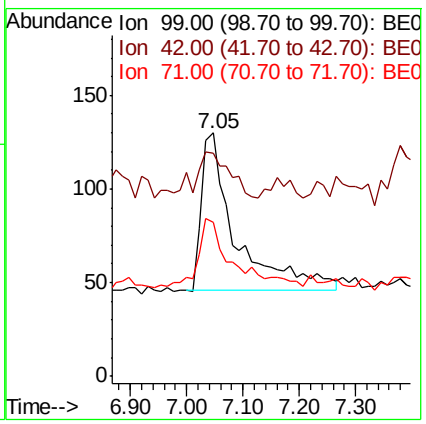


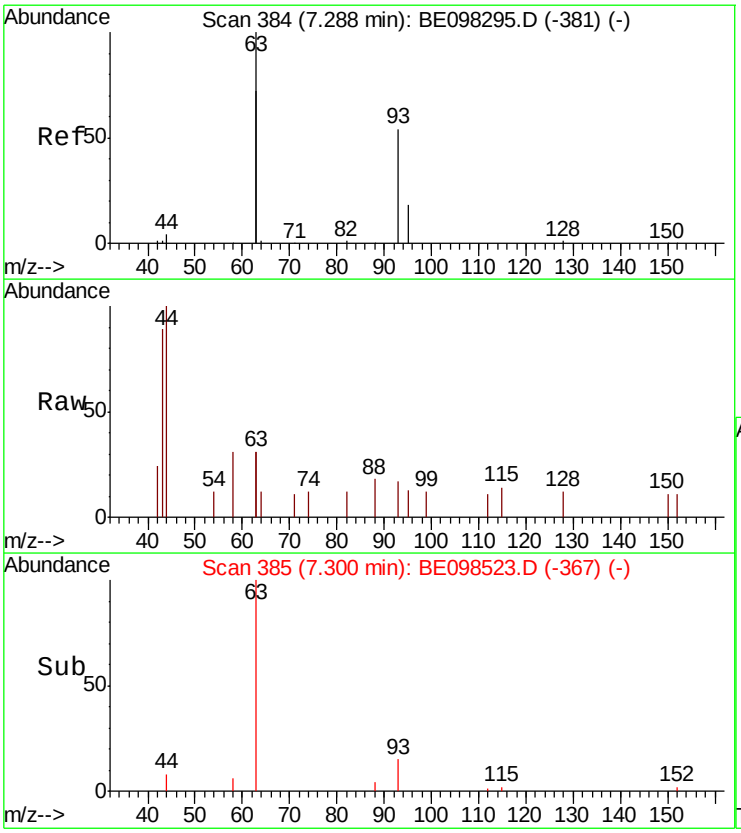
#5
Phenol-d6
Concen: 0.135 ng
RT: 7.05 min Scan# 363
Delta R.T. 0.00 min
Lab File: BE098523.D
Acq: 19 Dec 2018 10:20

Instrument :
BNA_E
ClientSampleId :
RE105D1-20181210

Tgt Ion: 99 Resp: 348

Ion	Ratio	Lower	Upper
99	100		
42	29.0	26.3	39.5
71	40.2	33.6	50.4

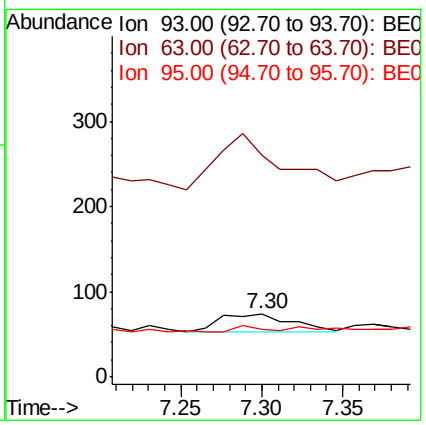


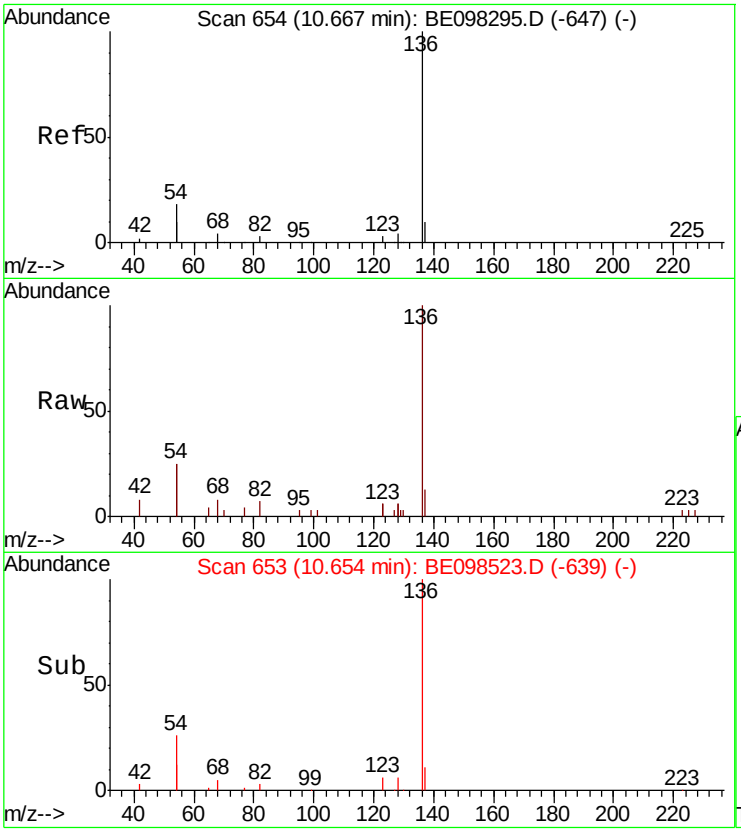


#6
bis(2-Chloroethyl)ether
Concen: 0.026 ng
RT: 7.30 min Scan# 385
Delta R.T. 0.01 min
Lab File: BE098523.D
Acq: 19 Dec 2018 10:20

Tgt Ion: 93 Resp: 64

Ion	Ratio	Lower	Upper
93	100		
63	278.1	264.4	396.6
95	10.9	26.6	40.0#



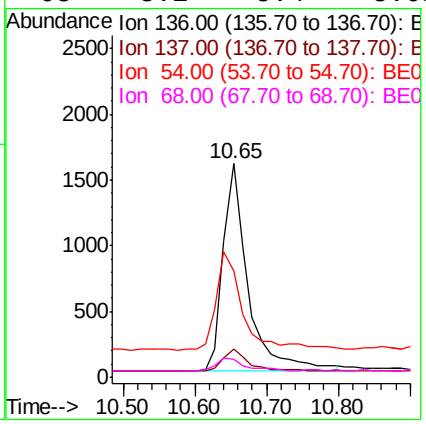


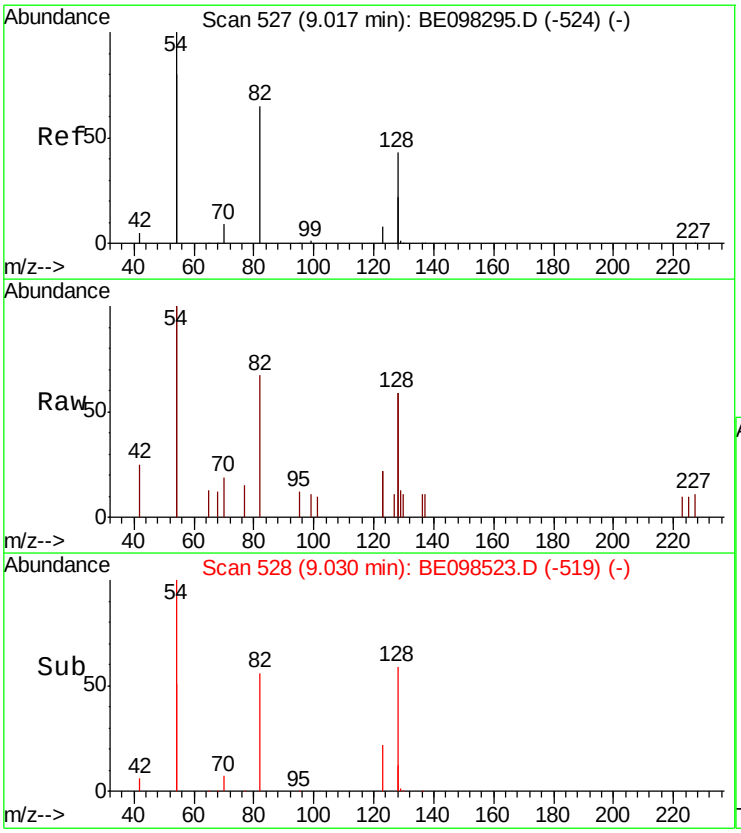
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.65 min Scan# 653
Delta R.T. -0.01 min
Lab File: BE098523.D
Acq: 19 Dec 2018 10:20

Instrument :
BNA_E
ClientSampleId :
RE105D1-20181210

Tgt Ion:136 Resp: 3813

Ion	Ratio	Lower	Upper
136	100		
137	13.2	9.2	13.8
54	49.8	28.4	42.6#
68	8.2	5.4	8.0#

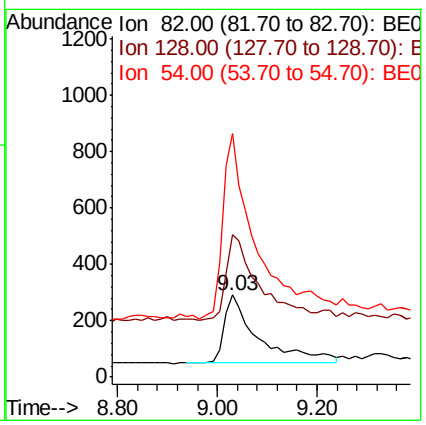


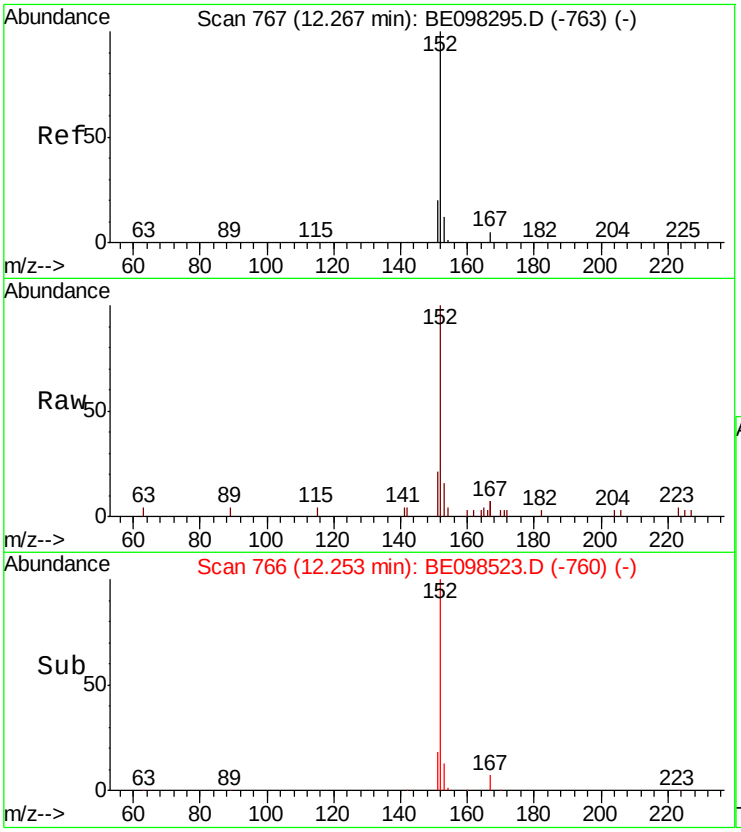


#8
Nitrobenzene-d5
Concen: 0.334 ng
RT: 9.03 min Scan# 528
Delta R.T. 0.01 min
Lab File: BE098523.D
Acq: 19 Dec 2018 10:20

Tgt Ion: 82 Resp: 1159

Ion	Ratio	Lower	Upper
82	100		
128	175.2	102.4	153.6#
54	297.9	221.8	332.8



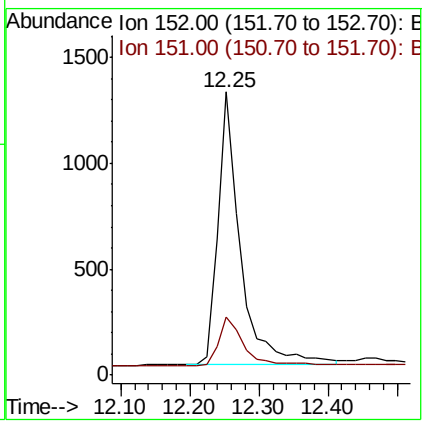


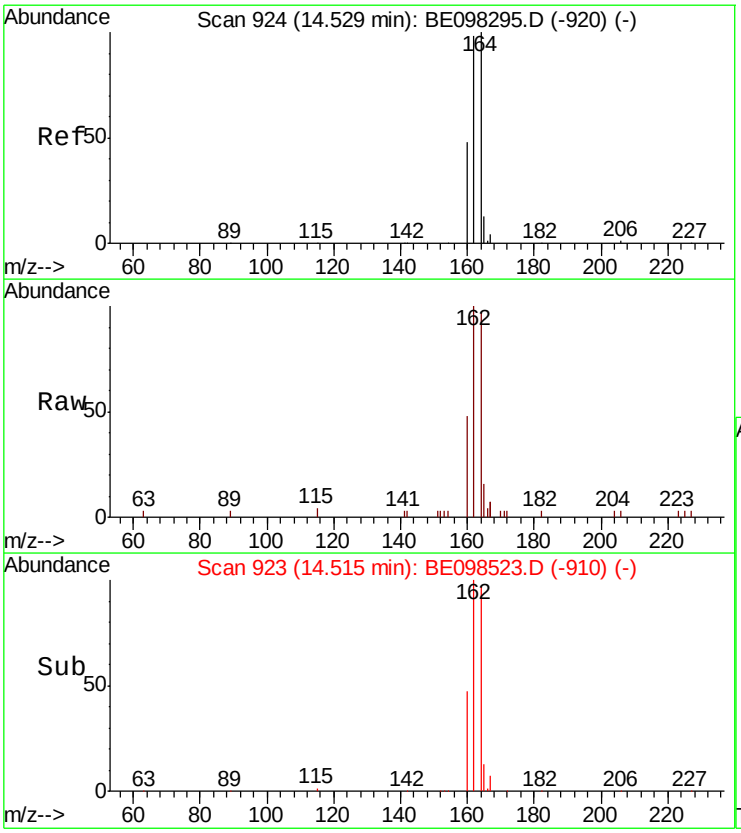
#11
2-Methylnaphthalene-d10
Concen: 0.476 ng
RT: 12.25 min Scan# 766
Delta R.T. -0.01 min
Lab File: BE098523.D
Acq: 19 Dec 2018 10:20

Instrument :
BNA_E
ClientSampleId :
RE105D1-20181210

Tgt Ion:152 Resp: 2953

Ion	Ratio	Lower	Upper
152	100		
151	19.5	16.2	24.4

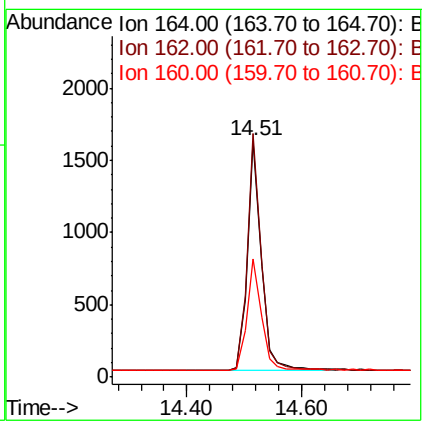


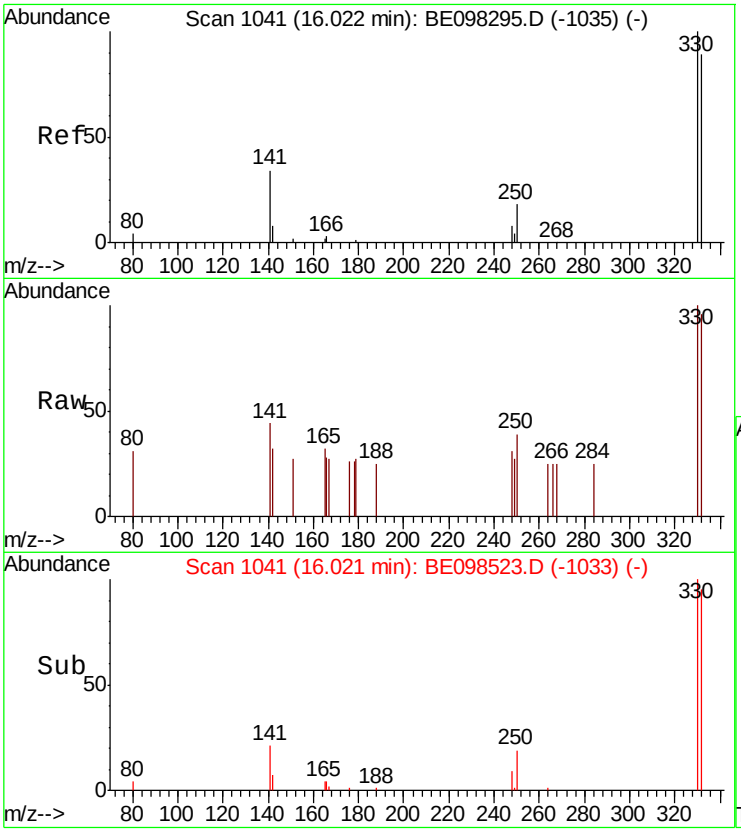


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.51 min Scan# 923
Delta R.T. -0.01 min
Lab File: BE098523.D
Acq: 19 Dec 2018 10:20

Tgt Ion:164 Resp: 2712

Ion	Ratio	Lower	Upper
164	100		
162	103.1	77.6	116.4
160	50.0	36.0	54.0



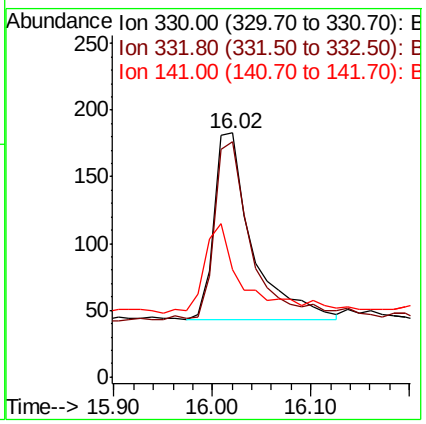


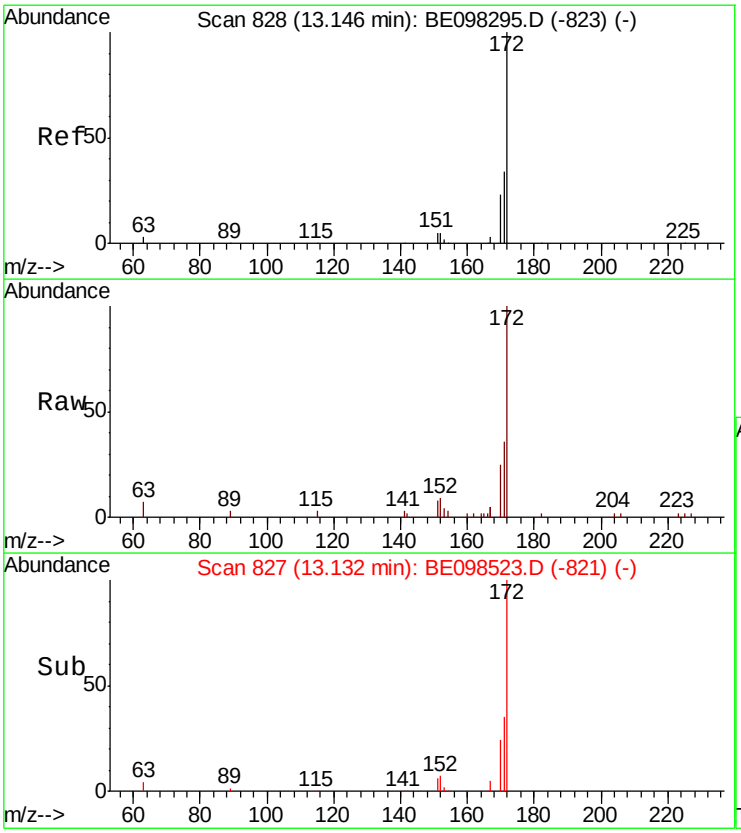
#14
2,4,6-Tribromophenol
Concen: 0.378 ng
RT: 16.02 min Scan# 1041
Delta R.T. -0.00 min
Lab File: BE098523.D
Acq: 19 Dec 2018 10:20

Instrument :
BNA_E
ClientSampleId :
RE105D1-20181210

Tgt Ion:330 Resp: 376

Ion	Ratio	Lower	Upper
330	100		
332	97.6	76.2	114.4
141	50.5	39.0	58.4

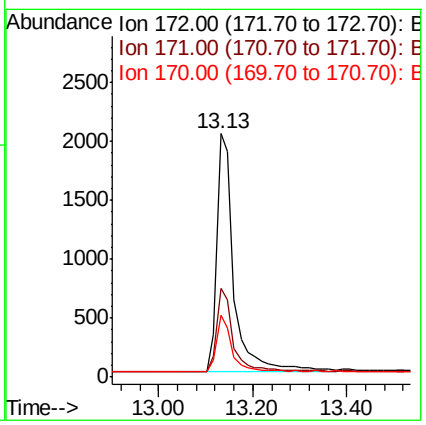


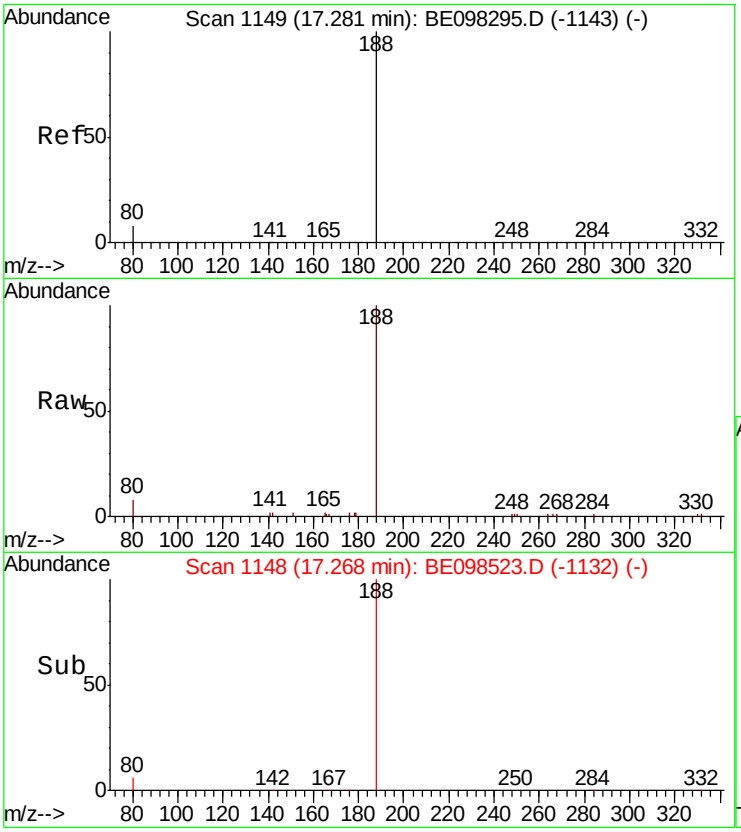


#15
2-Fluorobiphenyl
Concen: 0.449 ng
RT: 13.13 min Scan# 827
Delta R.T. -0.01 min
Lab File: BE098523.D
Acq: 19 Dec 2018 10:20

Tgt Ion:172 Resp: 5134

Ion	Ratio	Lower	Upper
172	100		
171	36.4	27.5	41.3
170	25.4	19.6	29.4



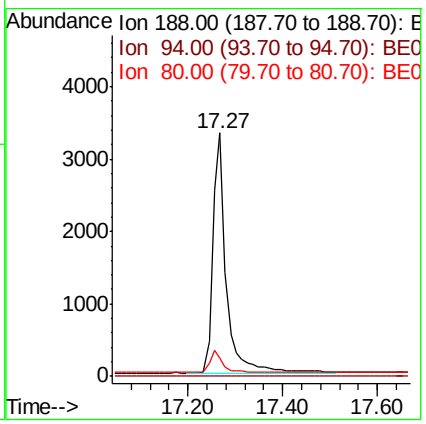


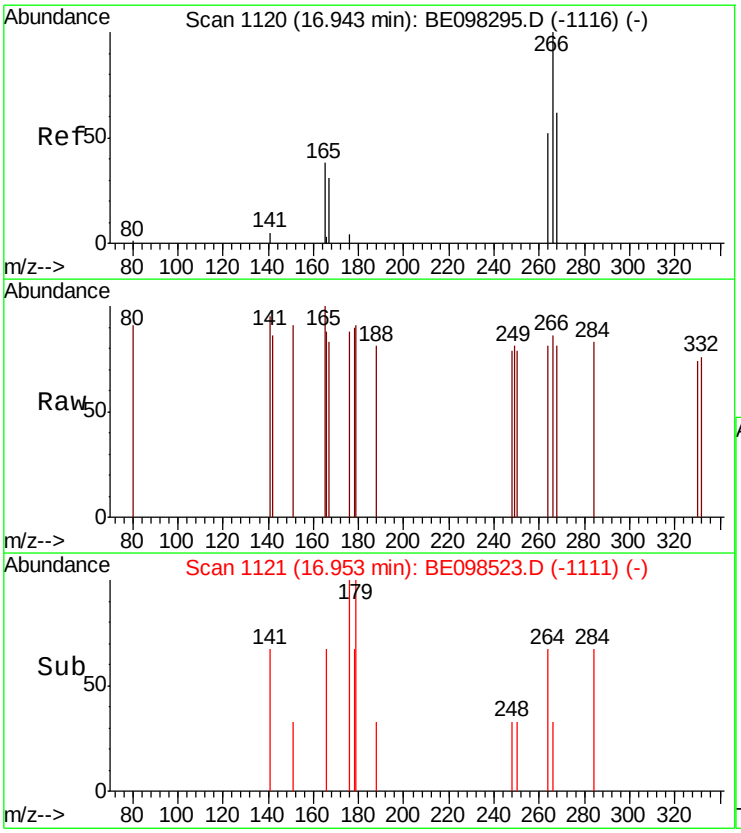
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.27 min Scan# 1148
Delta R.T. -0.01 min
Lab File: BE098523.D
Acq: 19 Dec 2018 10:20

Instrument :
BNA_E
ClientSampleId :
RE105D1-20181210

Tgt Ion:188 Resp: 6692

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	7.7	7.2	10.8

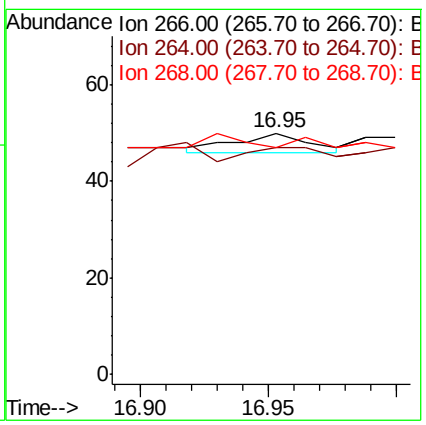


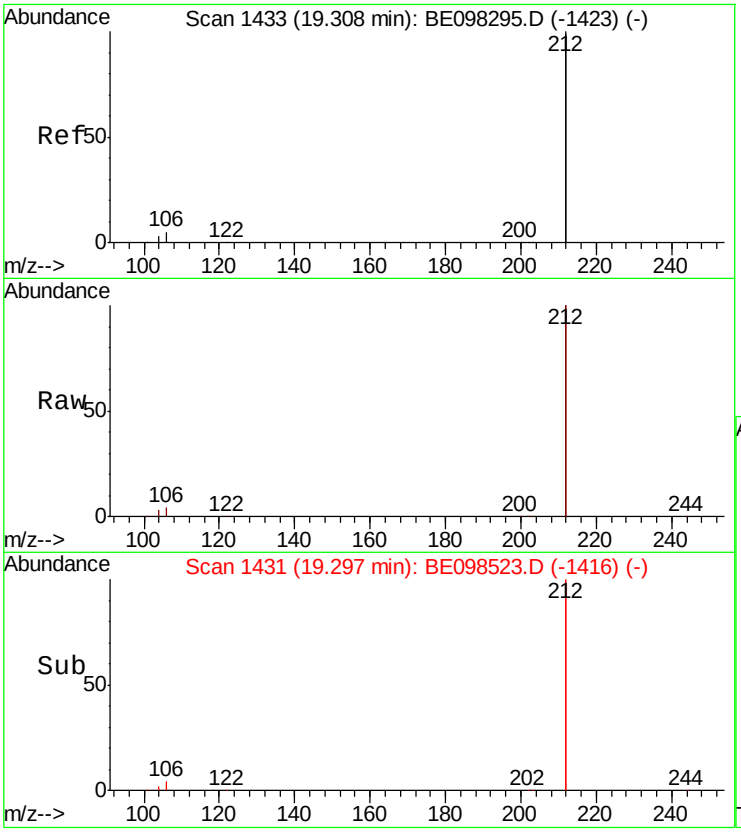


#22
Pentachlorophenol
Concen: 0.030 ng
RT: 16.95 min Scan# 1121
Delta R.T. 0.01 min
Lab File: BE098523.D
Acq: 19 Dec 2018 10:20

Tgt Ion:266 Resp: 8

Ion	Ratio	Lower	Upper
266	100		
264	94.0	59.0	88.4#
268	94.0	55.1	82.7#



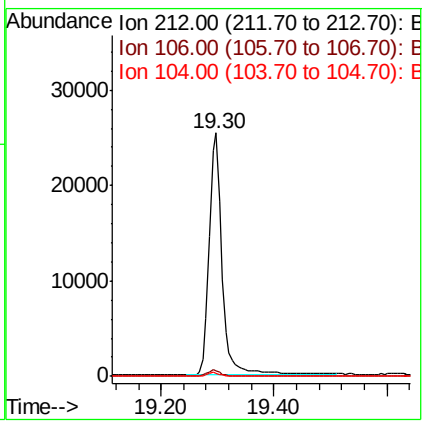


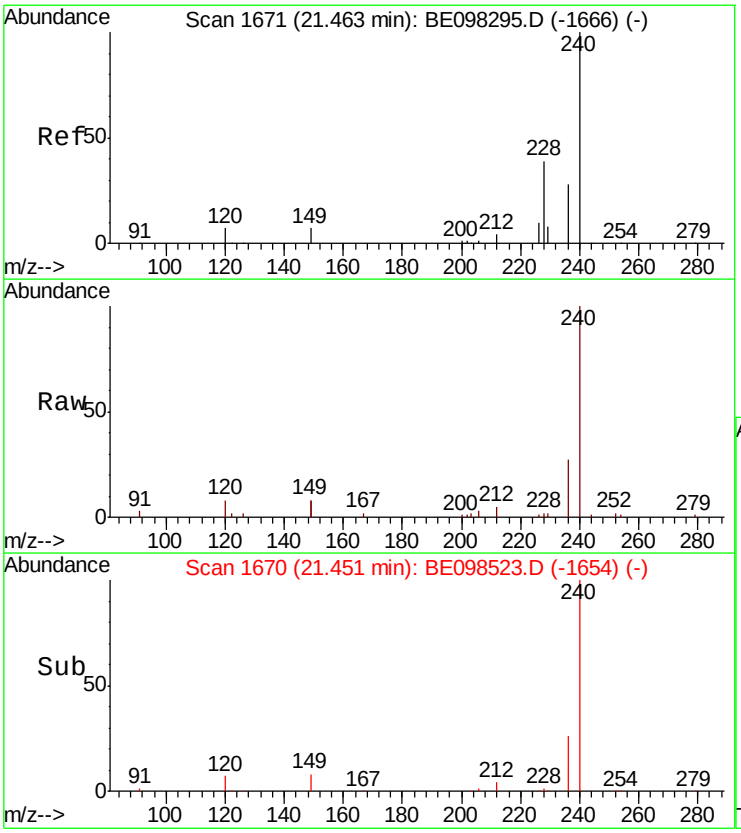
#25
Fluoranthene-d10
Concen: 0.464 ng
RT: 19.30 min Scan# 1431
Delta R.T. -0.01 min
Lab File: BE098523.D
Acq: 19 Dec 2018 10:20

Instrument :
BNA_E
ClientSampleId :
RE105D1-20181210

Tgt Ion:212 Resp: 39806

Ion	Ratio	Lower	Upper
212	100		
106	2.3	2.2	3.2
104	1.5	1.3	1.9

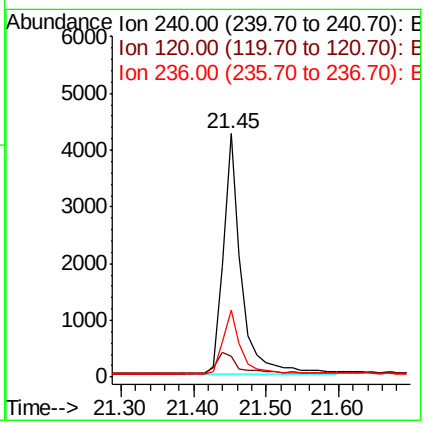


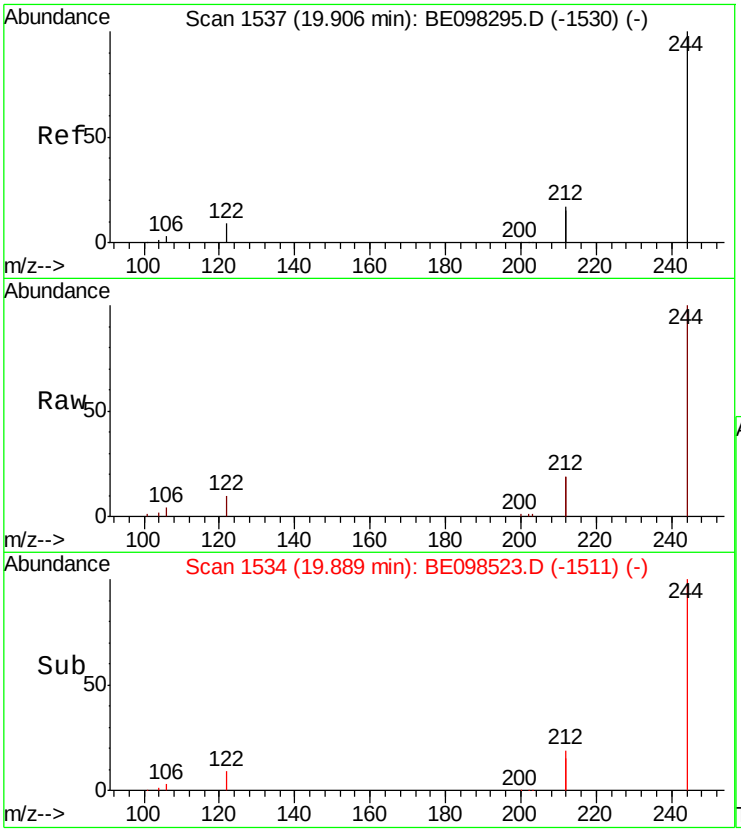


#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.45 min Scan# 1670
Delta R.T. -0.01 min
Lab File: BE098523.D
Acq: 19 Dec 2018 10:20

Tgt Ion:240 Resp: 7495

Ion	Ratio	Lower	Upper
240	100		
120	8.4	9.5	14.3#
236	27.4	22.7	34.1



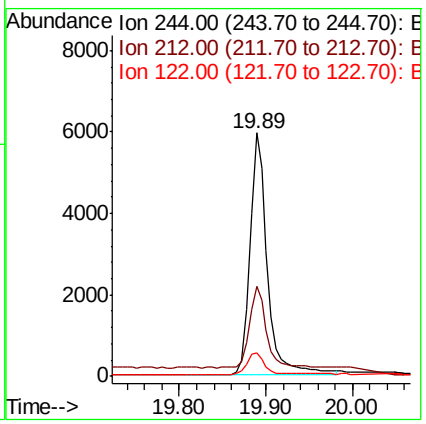


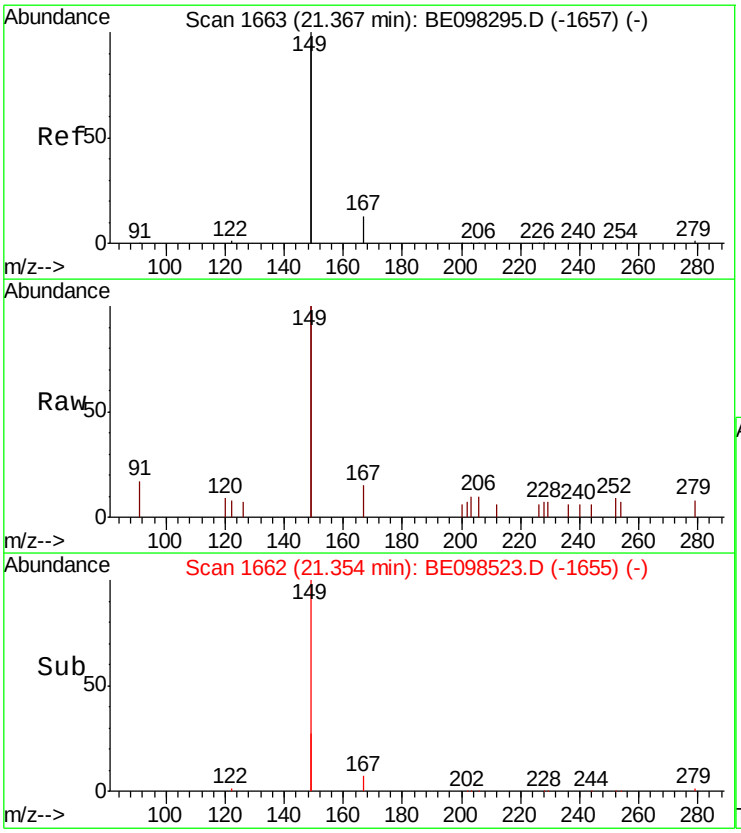
#29
Terphenyl-d14
Concen: 0.456 ng
RT: 19.89 min Scan# 1534
Delta R.T. -0.02 min
Lab File: BE098523.D
Acq: 19 Dec 2018 10:20

Instrument :
BNA_E
ClientSampleId :
RE105D1-20181210

Tgt Ion:244 Resp: 8305

Ion	Ratio	Lower	Upper
244	100		
212	37.1	27.4	41.0
122	9.6	8.3	12.5

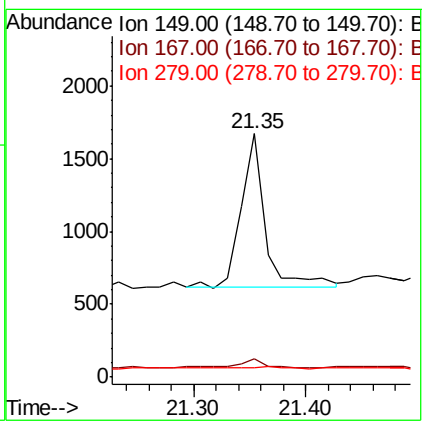


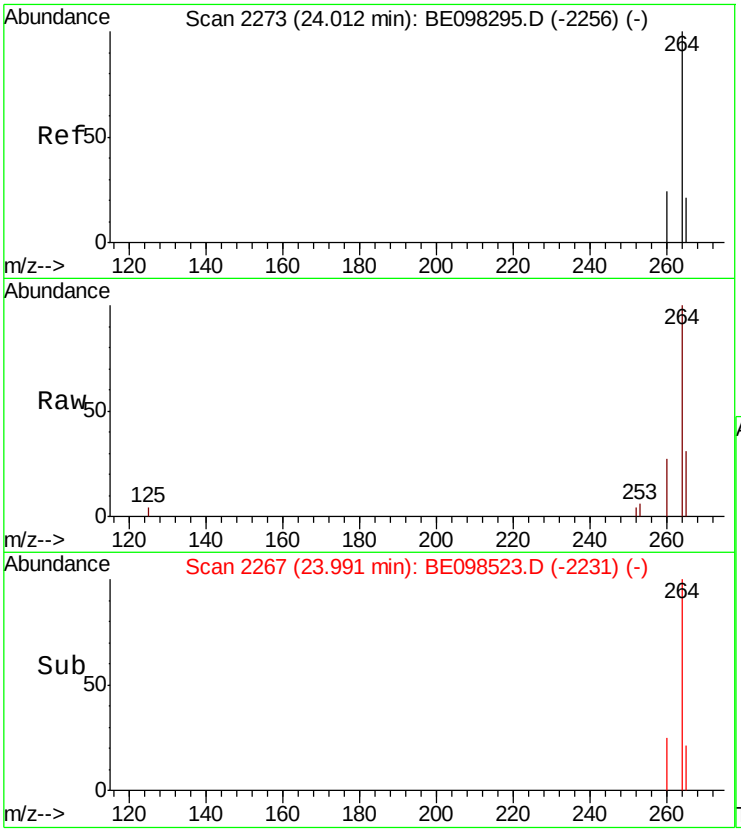


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.037 ng
RT: 21.35 min Scan# 1662
Delta R.T. -0.01 min
Lab File: BE098523.D
Acq: 19 Dec 2018 10:20

Tgt Ion:149 Resp: 1587

Ion	Ratio	Lower	Upper
149	100		
167	6.5	5.7	8.5
279	1.3	1.0	1.4





#34
Perylene-d12
Concen: 0.400 ng
RT: 23.99 min Scan# 2267
Delta R.T. -0.02 min
Lab File: BE098523.D
Acq: 19 Dec 2018 10:20

Instrument :
BNA_E
ClientSampleId :
RE105D1-20181210

Tgt Ion:264 Resp: 6897

Ion	Ratio	Lower	Upper
264	100		
260	26.9	20.2	30.2
265	30.9	25.2	37.8