Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE121218\
Data File : BE098370.D
Acq On : 12 Dec 2018 20:40
Operator : SJ/JU
Sample : J6324-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : RE-103D3-20181205

Quant Time: Dec 13 05:53:11 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	7.86	152	1104	0.40	ng	0.00
7) Naphthalene-d8	10.67	136	4808	0.40	ng	0.00
13) Acenaphthene-d10	14.53	164	3226	0.40	ng	0.00
19) Phenanthrene-d10	17.28	188	8418	0.40	ng	0.00
27) Chrysene-d12	21.46	240	9755	0.40	ng	0.00
34) Perylene-d12	24.00	264	9645	0.40	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.46	112	484	0.19	ng	0.00
5) Phenol-d6	7.07	99	393	0.11	ng	0.02
8) Nitrobenzene-d5	9.04	82	1479	0.34	ng	0.03
11) 2-Methylnaphthalene-d10	12.27	152	3199	0.41	ng	0.00
14) 2,4,6-Tribromophenol	16.03	330	421	0.36	ng	0.01
15) 2-Fluorobiphenyl	13.15	172	5282	0.39	ng	0.00
25) Fluoranthene-d10	19.31	212	45876	0.42	ng	0.00
29) Terphenyl-d14	19.90	244	8607	0.36	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.37	88	537	0.281	ng	# 27
3) n-Nitrosodimethylamine	3.67	42	93	0.054	ng	# 100
22) Pentachlorophenol	16.95	266	5	0.023	ng	# 68
32) Bis(2-ethylhexyl)phthalate	21.35	149	1237	0.022	ng	99

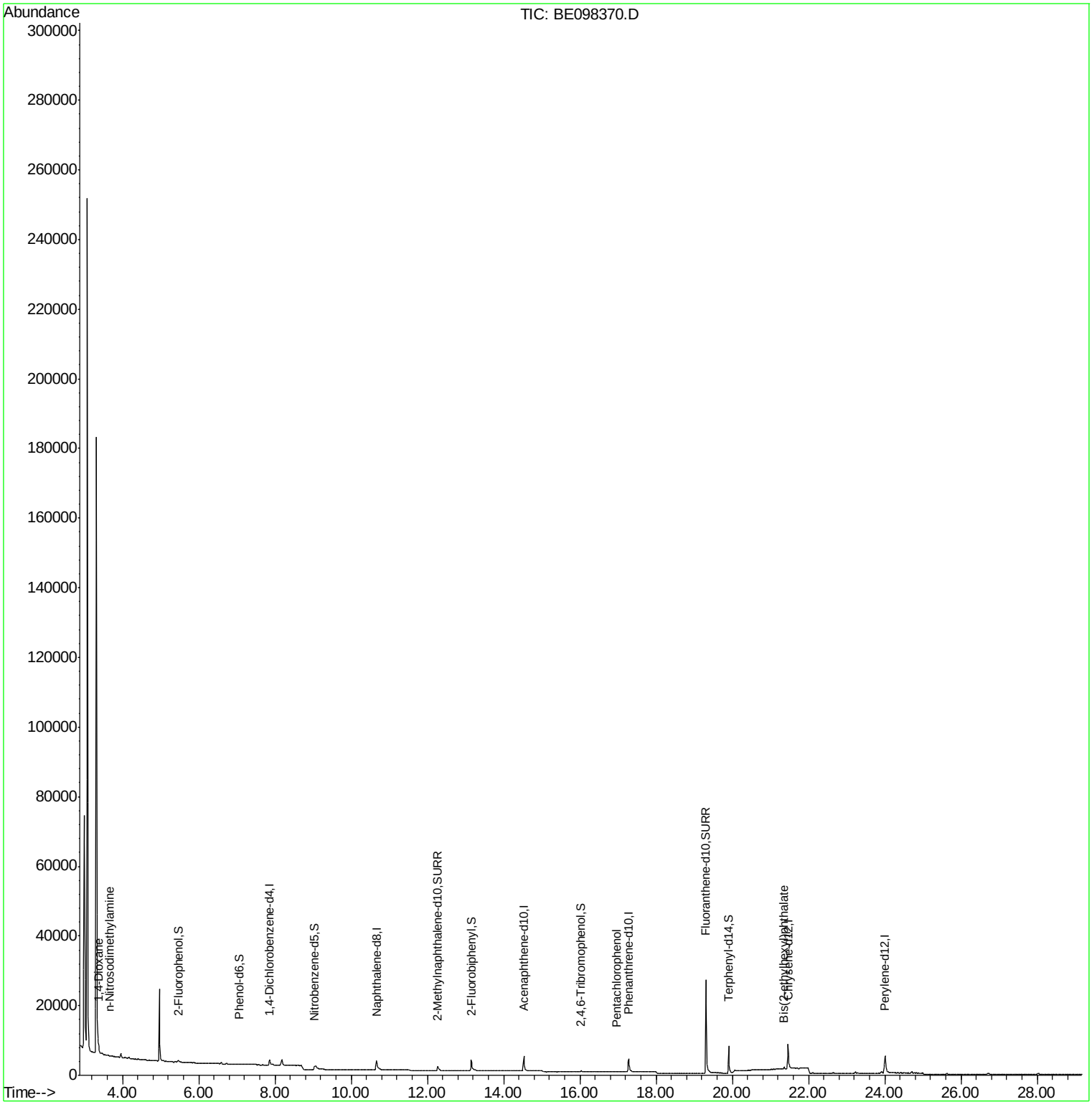
(#) = qualifier out of range (m) = manual integration (+) = signals summed

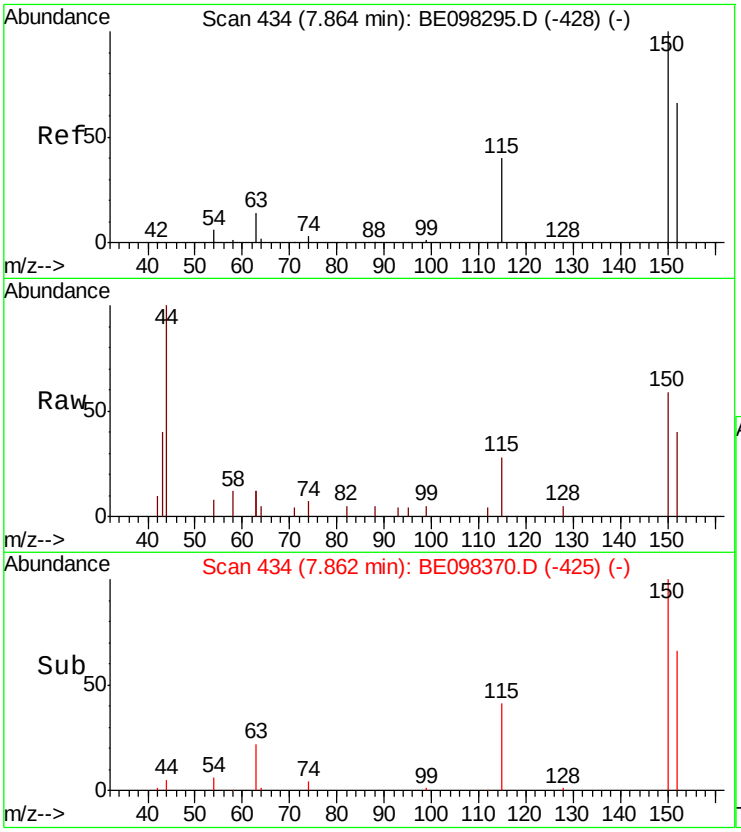
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE121218\
Data File : BE098370.D
Acq On : 12 Dec 2018 20:40
Operator : SJ/JU
Sample : J6324-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
RE-103D3-20181205

Quant Time: Dec 13 05:53:11 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



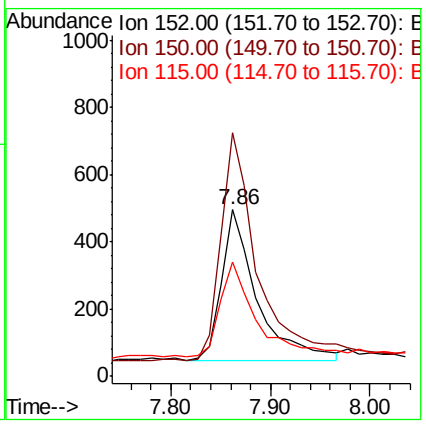


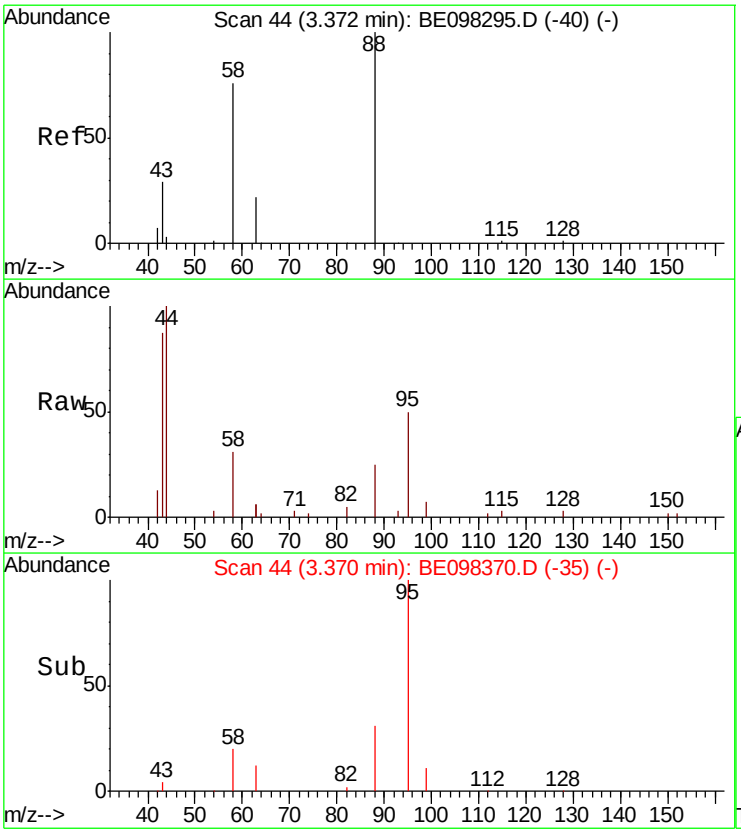
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.86 min Scan# 434
Delta R.T. -0.00 min
Lab File: BE098370.D
Acq: 12 Dec 2018 20:40

Instrument :
BNA_E
ClientSampleId :
RE-103D3-20181205

Tgt Ion:152 Resp: 1104

Ion	Ratio	Lower	Upper
152	100		
150	146.5	124.2	186.4
115	69.1	53.9	80.9

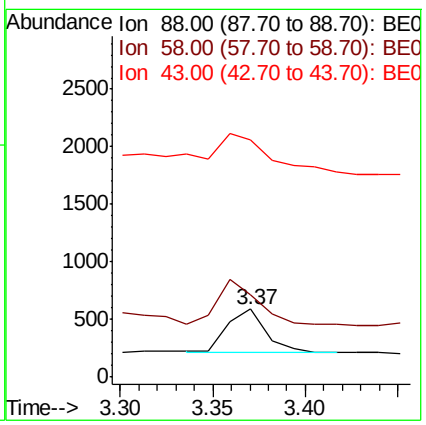


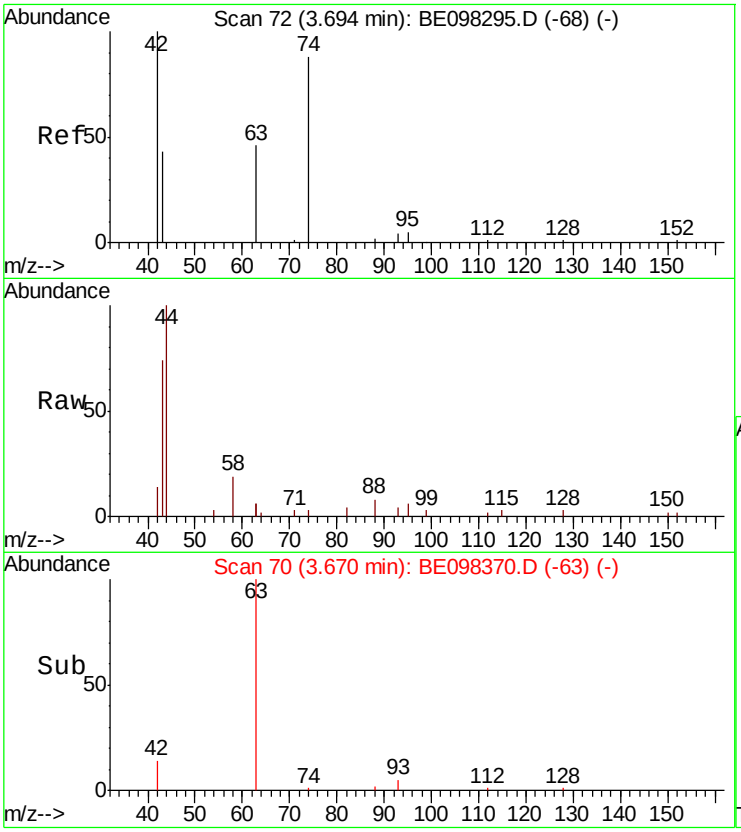


#2
1,4-Dioxane
Concen: 0.281 ng
RT: 3.37 min Scan# 44
Delta R.T. -0.00 min
Lab File: BE098370.D
Acq: 12 Dec 2018 20:40

Tgt Ion: 88 Resp: 537

Ion	Ratio	Lower	Upper
88	100		
58	115.8	75.0	112.6#
43	162.4	38.3	57.5#



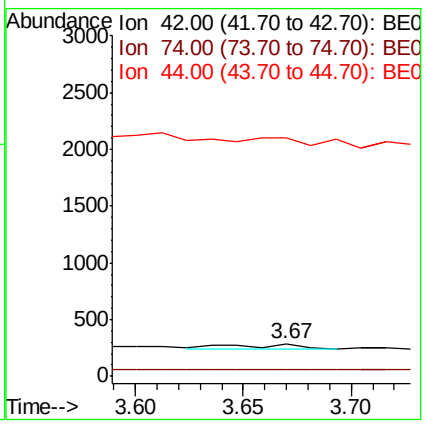


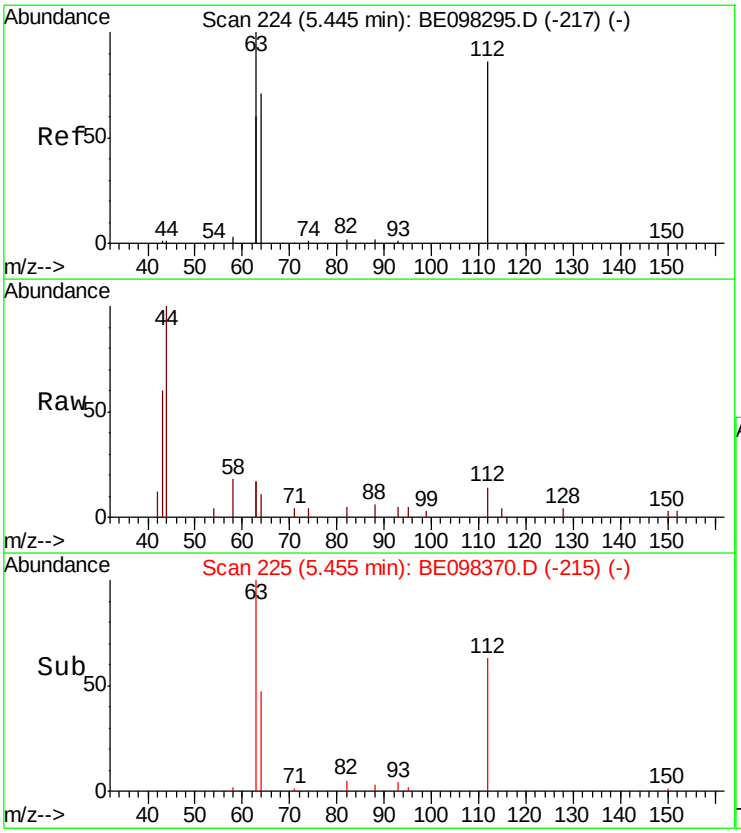
#3
n-Nitrosodimethylamine
Concen: 0.054 ng
RT: 3.67 min Scan# 70
Delta R.T. -0.02 min
Lab File: BE098370.D
Acq: 12 Dec 2018 20:40

Instrument :
BNA_E
ClientSampleId :
RE-103D3-20181205

Tgt Ion: 42 Resp: 93

Ion	Ratio	Lower	Upper
42	100		
74	24.7	0.0	0.0#
44	0.0	0.0	0.0

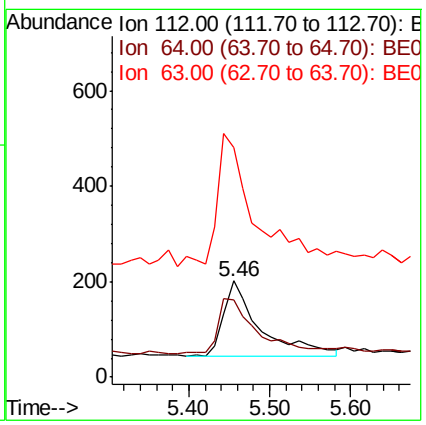


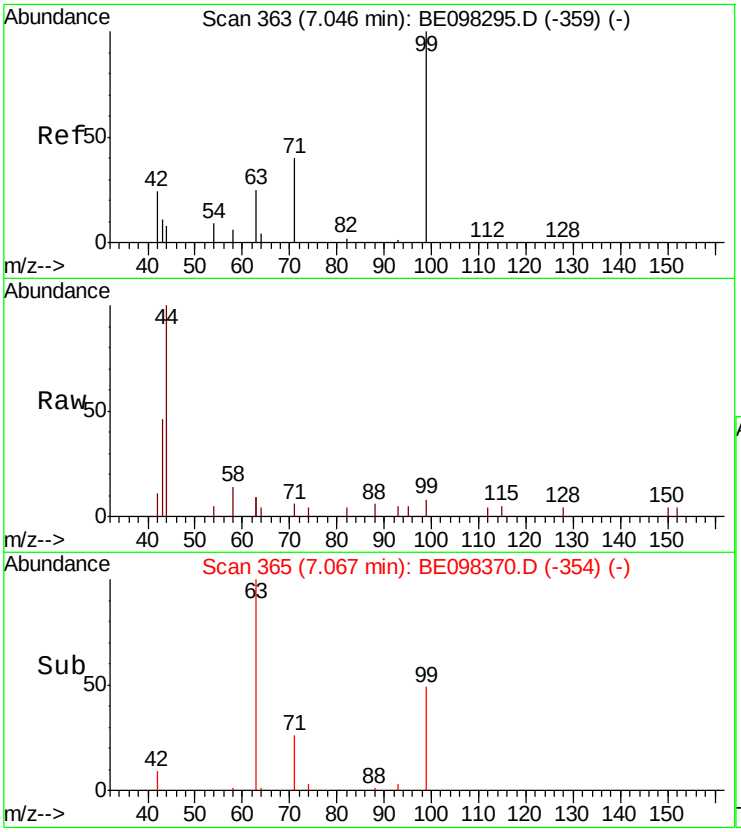


#4
2-Fluorophenol
Concen: 0.187 ng
RT: 5.46 min Scan# 225
Delta R.T. 0.01 min
Lab File: BE098370.D
Acq: 12 Dec 2018 20:40

Tgt Ion:112 Resp: 484

Ion	Ratio	Lower	Upper
112	100		
64	76.9	59.8	89.8
63	167.8	133.7	200.5



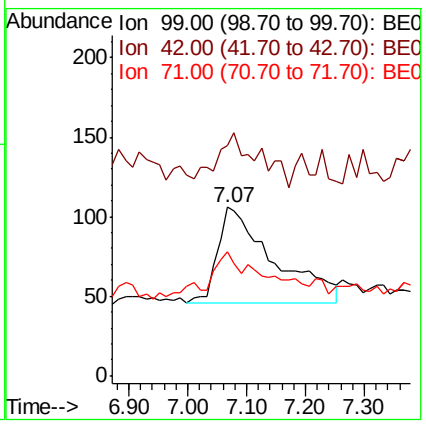


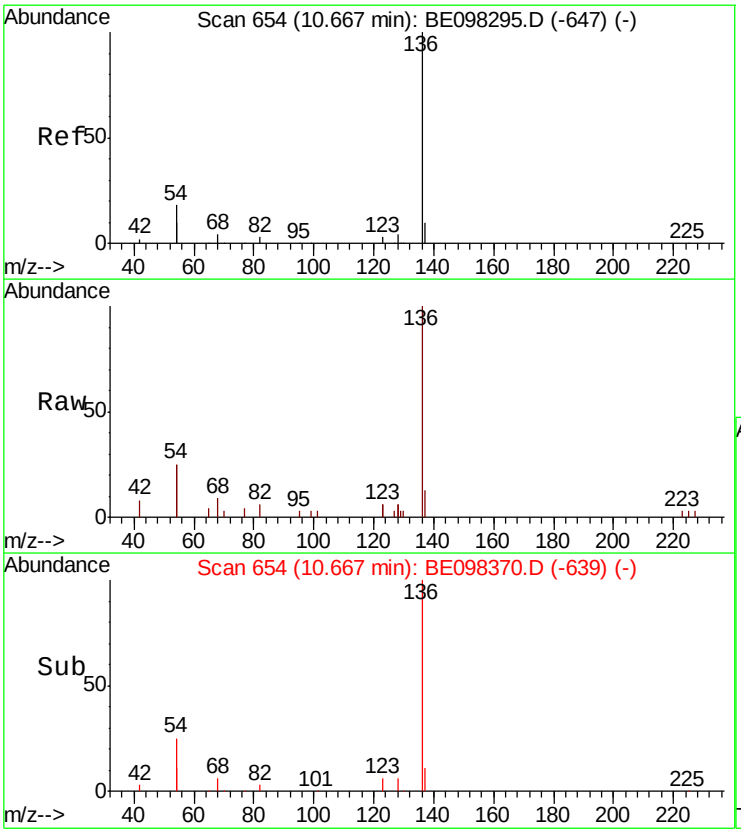
#5
Phenol-d6
Concen: 0.107 ng
RT: 7.07 min Scan# 365
Delta R.T. 0.02 min
Lab File: BE098370.D
Acq: 12 Dec 2018 20:40

Instrument :
BNA_E
ClientSampleId :
RE-103D3-20181205

Tgt Ion: 99 Resp: 393

Ion	Ratio	Lower	Upper
99	100		
42	44.0	26.3	39.5#
71	14.5	33.6	50.4#

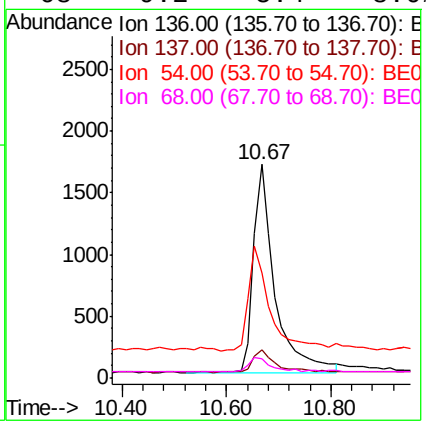


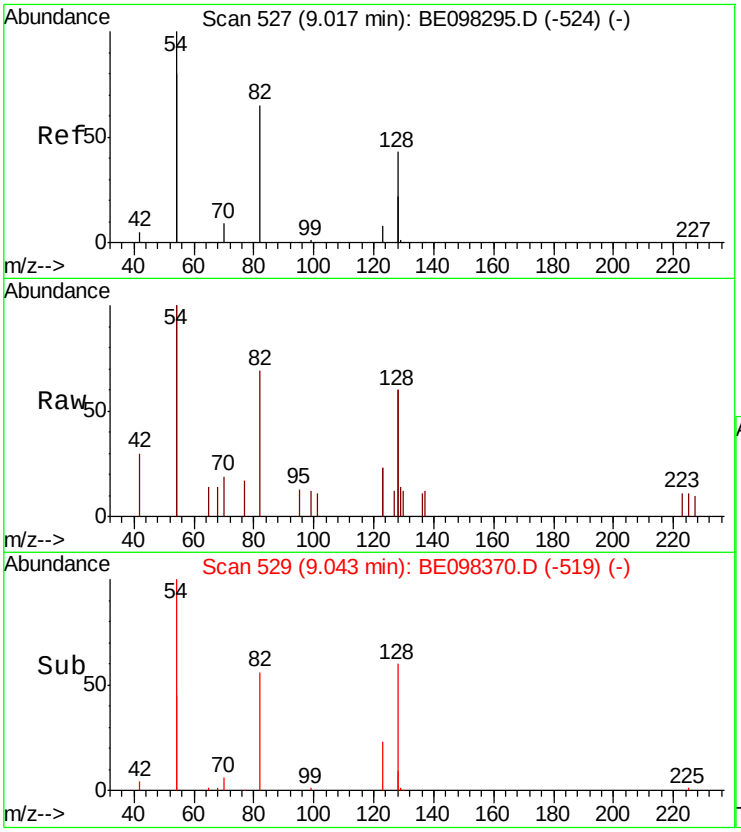


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.67 min Scan# 654
Delta R.T. 0.00 min
Lab File: BE098370.D
Acq: 12 Dec 2018 20:40

Tgt Ion:136 Resp: 4808

Ion	Ratio	Lower	Upper
136	100		
137	13.1	9.2	13.8
54	49.1	28.4	42.6#
68	9.2	5.4	8.0#



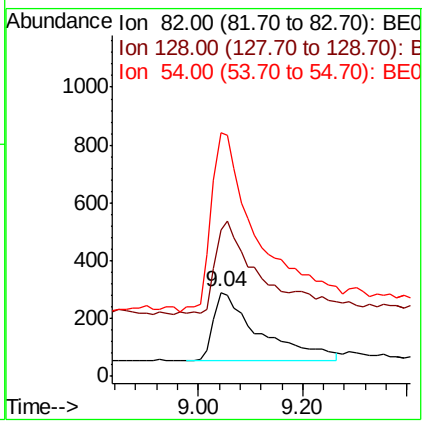


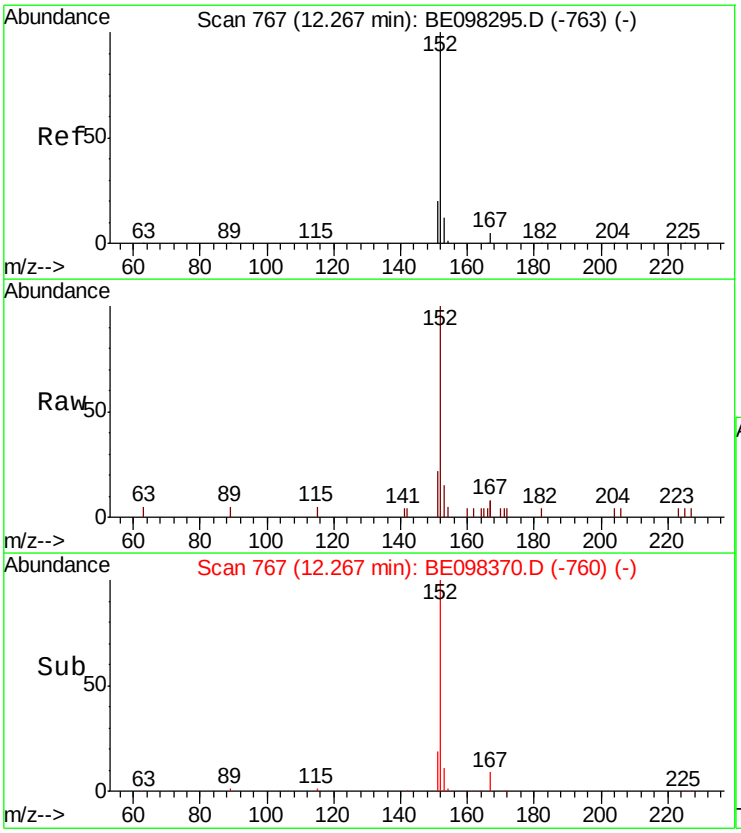
#8
Nitrobenzene-d5
Concen: 0.338 ng
RT: 9.04 min Scan# 529
Delta R.T. 0.03 min
Lab File: BE098370.D
Acq: 12 Dec 2018 20:40

Instrument :
BNA_E
ClientSampleId :
RE-103D3-20181205

Tgt Ion: 82 Resp: 1479

Ion	Ratio	Lower	Upper
82	100		
128	174.5	102.4	153.6#
54	290.3	221.8	332.8

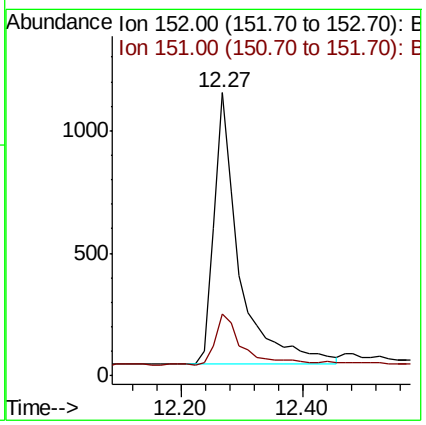


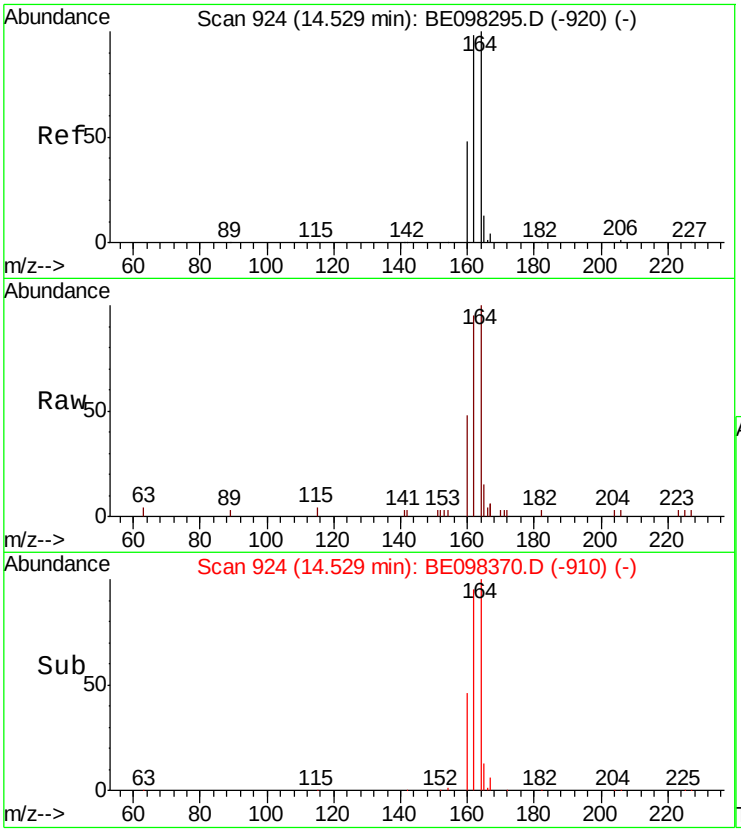


#11
2-Methylnaphthalene-d10
Concen: 0.409 ng
RT: 12.27 min Scan# 767
Delta R.T. 0.00 min
Lab File: BE098370.D
Acq: 12 Dec 2018 20:40

Tgt Ion:152 Resp: 3199

Ion	Ratio	Lower	Upper
152	100		
151	19.4	16.2	24.4



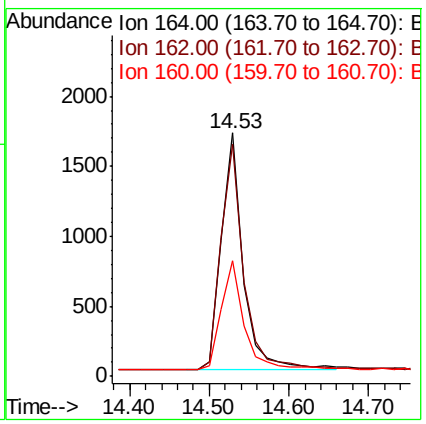


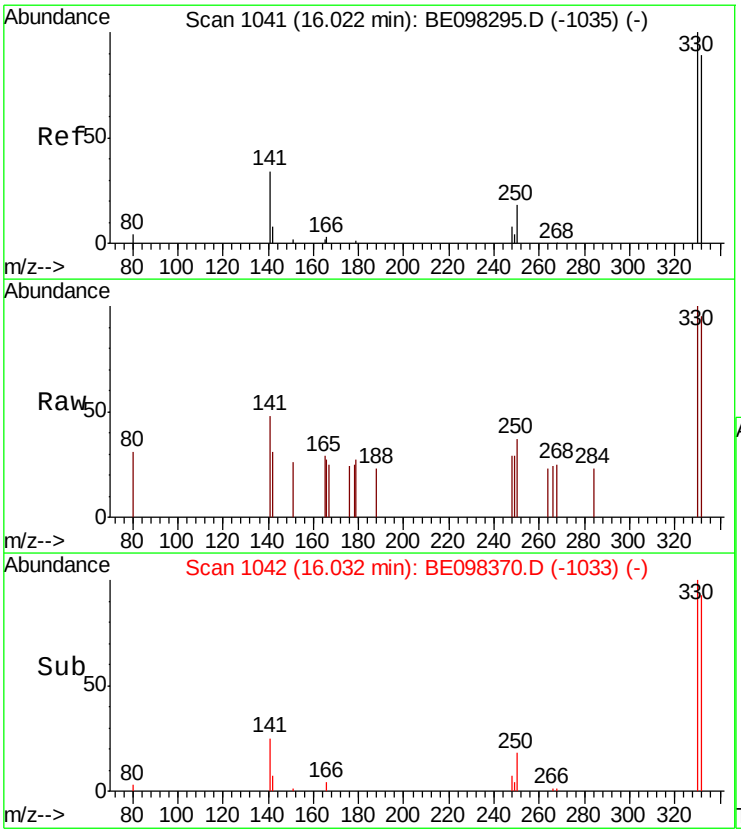
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.53 min Scan# 924
Delta R.T. 0.00 min
Lab File: BE098370.D
Acq: 12 Dec 2018 20:40

Instrument :
BNA_E
ClientSampleId :
RE-103D3-20181205

Tgt Ion:164 Resp: 3226

Ion	Ratio	Lower	Upper
164	100		
162	95.3	77.6	116.4
160	47.7	36.0	54.0

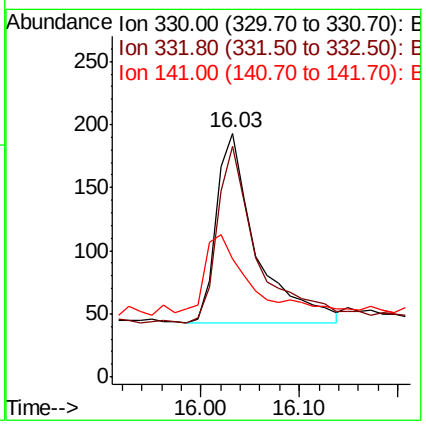


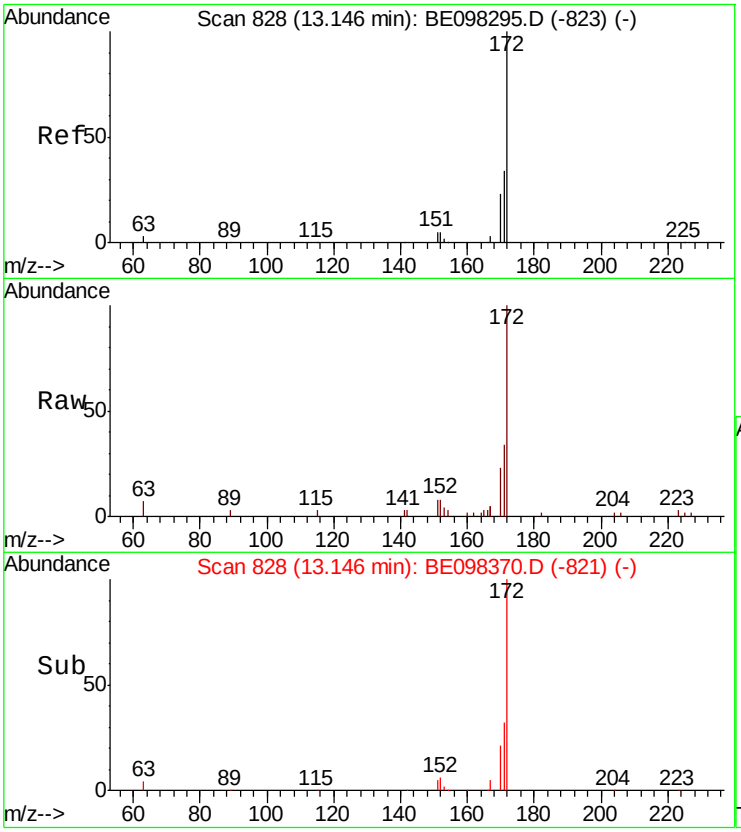


#14
2,4,6-Tribromophenol
Concen: 0.355 ng
RT: 16.03 min Scan# 1042
Delta R.T. 0.01 min
Lab File: BE098370.D
Acq: 12 Dec 2018 20:40

Tgt Ion:330 Resp: 421

Ion	Ratio	Lower	Upper
330	100		
332	102.4	76.2	114.4
141	51.5	39.0	58.4



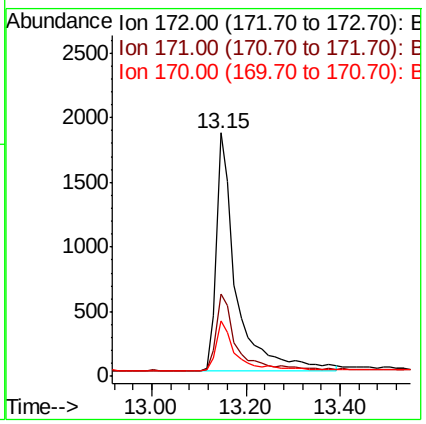


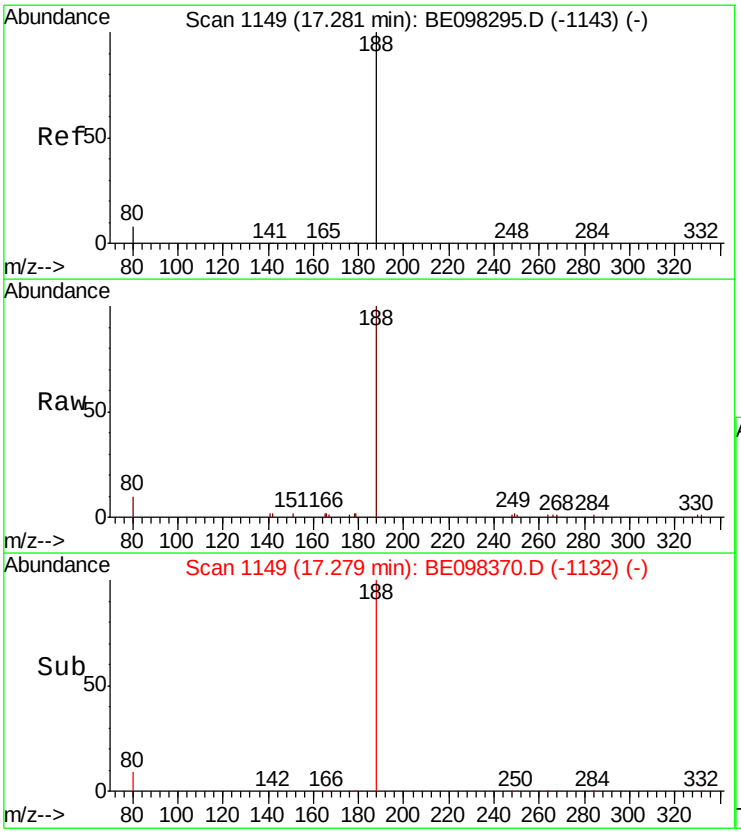
#15
2-Fluorobiphenyl
Concen: 0.388 ng
RT: 13.15 min Scan# 828
Delta R.T. 0.00 min
Lab File: BE098370.D
Acq: 12 Dec 2018 20:40

Instrument :
BNA_E
ClientSampleId :
RE-103D3-20181205

Tgt Ion:172 Resp: 5282

Ion	Ratio	Lower	Upper
172	100		
171	33.7	27.5	41.3
170	23.0	19.6	29.4

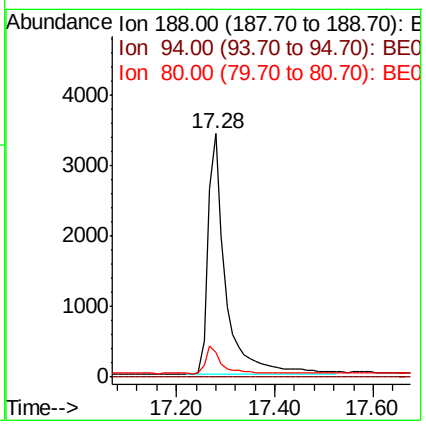


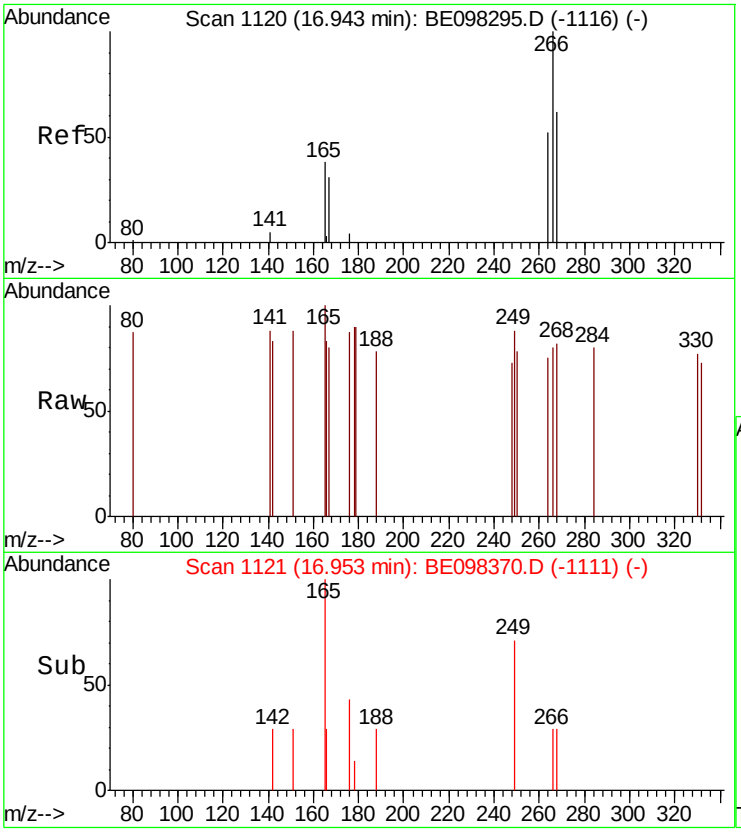


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.28 min Scan# 1149
Delta R.T. -0.00 min
Lab File: BE098370.D
Acq: 12 Dec 2018 20:40

Tgt Ion:188 Resp: 8418

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	10.1	7.2	10.8



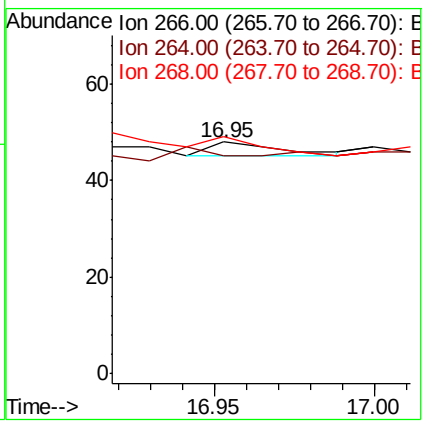


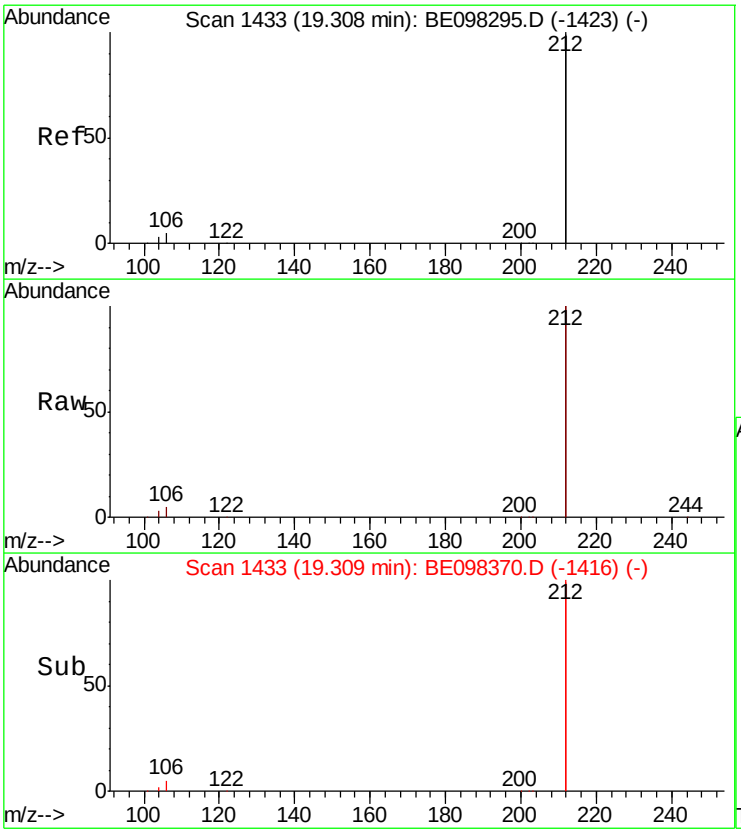
#22
Pentachlorophenol
Concen: 0.023 ng
RT: 16.95 min Scan# 1121
Delta R.T. 0.01 min
Lab File: BE098370.D
Acq: 12 Dec 2018 20:40

Instrument :
BNA_E
ClientSampleId :
RE-103D3-20181205

Tgt Ion:266 Resp: 5

Ion	Ratio	Lower	Upper
266	100		
264	93.8	59.0	88.4#
268	102.1	55.1	82.7#

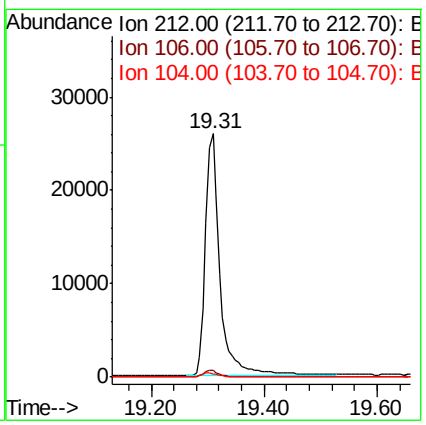


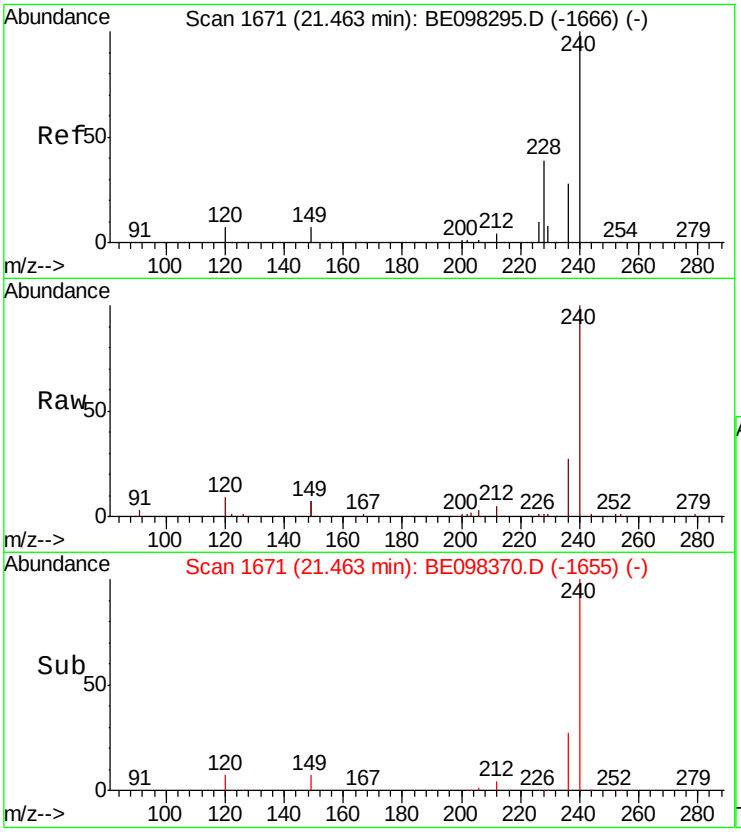


#25
Fluoranthene-d10
Concen: 0.425 ng
RT: 19.31 min Scan# 1433
Delta R.T. 0.00 min
Lab File: BE098370.D
Acq: 12 Dec 2018 20:40

Tgt Ion:212 Resp: 45876

Ion	Ratio	Lower	Upper
212	100		
106	2.6	2.2	3.2
104	1.5	1.3	1.9



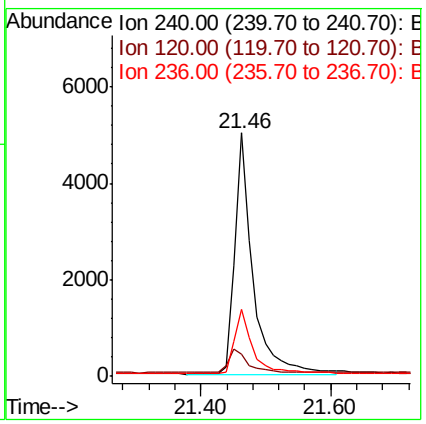


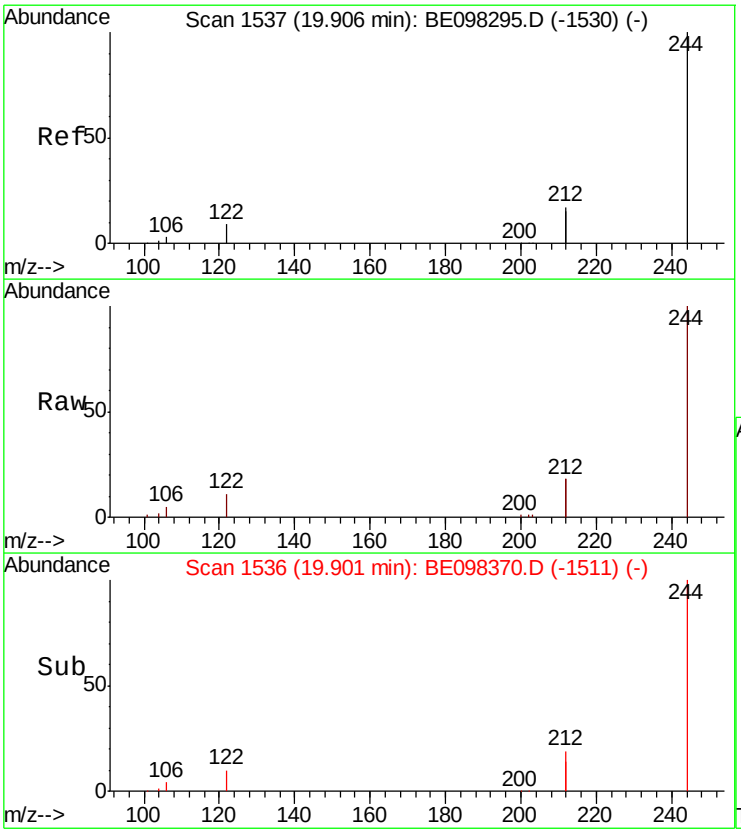
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.46 min Scan# 1671
Delta R.T. -0.00 min
Lab File: BE098370.D
Acq: 12 Dec 2018 20:40

Instrument :
BNA_E
ClientSampleId :
RE-103D3-20181205

Tgt Ion:240 Resp: 9755

Ion	Ratio	Lower	Upper
240	100		
120	8.9	9.5	14.3#
236	27.3	22.7	34.1

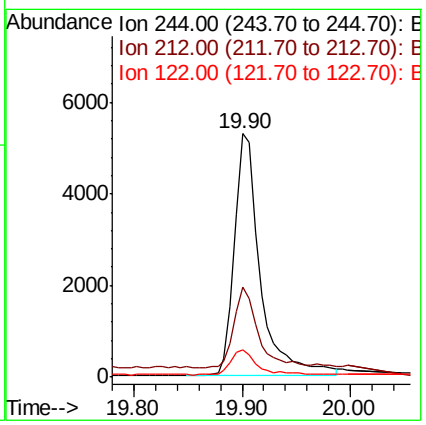


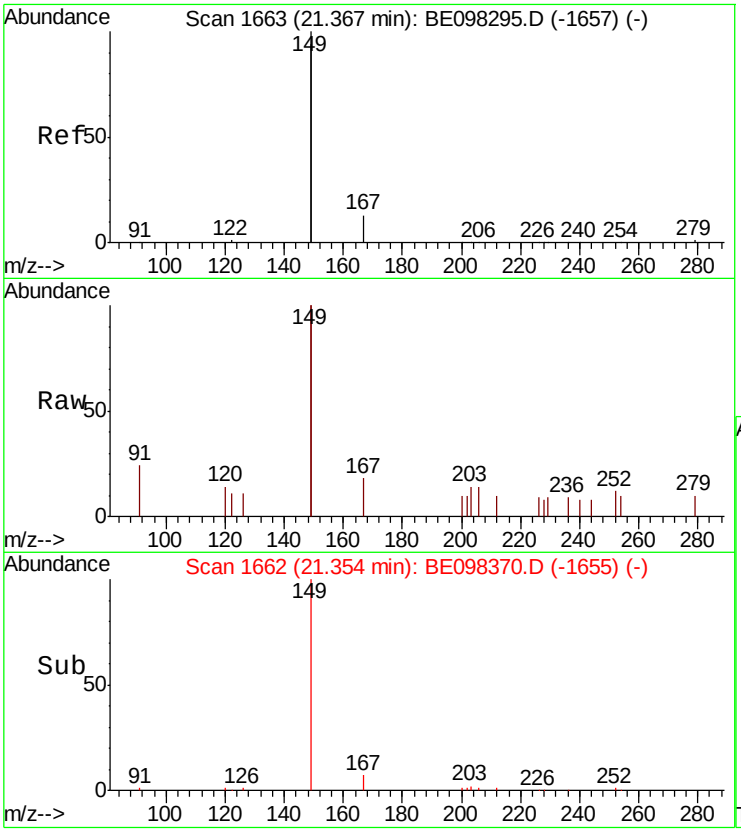


#29
Terphenyl-d14
Concen: 0.363 ng
RT: 19.90 min Scan# 1536
Delta R.T. -0.01 min
Lab File: BE098370.D
Acq: 12 Dec 2018 20:40

Tgt Ion:244 Resp: 8607

Ion	Ratio	Lower	Upper
244	100		
212	36.7	27.4	41.0
122	11.2	8.3	12.5



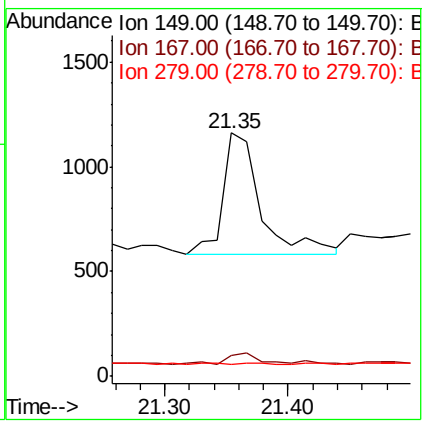


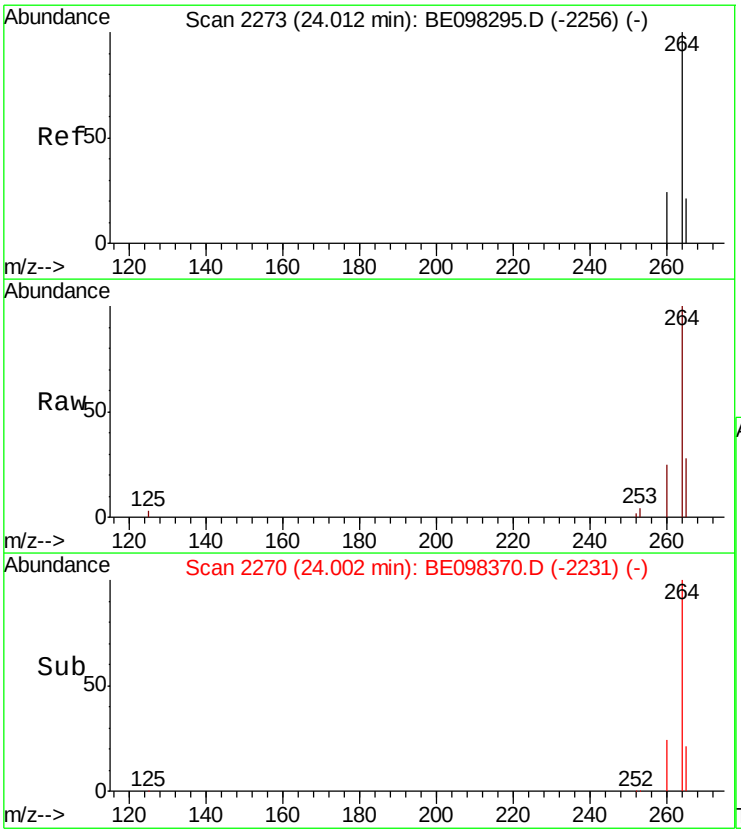
#32
Bis(2-ethylhexyl)phthalate
Concen: 0.022 ng
RT: 21.35 min Scan# 1662
Delta R.T. -0.01 min
Lab File: BE098370.D
Acq: 12 Dec 2018 20:40

Instrument :
BNA_E
ClientSampleId :
RE-103D3-20181205

Tgt Ion:149 Resp: 1237

Ion	Ratio	Lower	Upper
149	100		
167	7.4	5.7	8.5
279	1.0	1.0	1.4





#34
Perylene-d12
Concen: 0.400 ng
RT: 24.00 min Scan# 2270
Delta R.T. -0.01 min
Lab File: BE098370.D
Acq: 12 Dec 2018 20:40

Tgt Ion:264 Resp: 9645

Ion	Ratio	Lower	Upper
264	100		
260	25.2	20.2	30.2
265	28.2	25.2	37.8