Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE121618\

Quantitation Report (Not Reviewed)

Data File : BE098505.D
Acq On : 16 Dec 2018 13:54
Operator : SJ/JU
Sample : J6405-08DL 2X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : RE105D2-20181210DL

Quant Time: Dec 17 03:25:20 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	535	0.40	ng	0.00
7) Naphthalene-d8	10.65	136	2132	0.40	ng	-0.01
13) Acenaphthene-d10	14.53	164	1402	0.40	ng	0.00
19) Phenanthrene-d10	17.27	188	4182	0.40	ng	-0.01
27) Chrysene-d12	21.46	240	5824	0.40	ng	0.00
34) Perylene-d12	24.00	264	5577	0.40	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.46	112	162	0.13	ng	0.01
5) Phenol-d6	7.06	99	130	0.07	ng	0.01
8) Nitrobenzene-d5	9.04	82	471	0.24	ng	0.03
11) 2-Methylnaphthalene-d10	12.27	152	685	0.20	ng	0.00
14) 2,4,6-Tribromophenol	16.03	330	146	0.28	ng	0.01
15) 2-Fluorobiphenyl	13.15	172	1511	0.26	ng	0.00
25) Fluoranthene-d10	19.30	212	13543	0.25	ng	0.00
29) Terphenyl-d14	19.90	244	3347	0.24	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.36	88	2314	2.501	ng	# 93
6) bis(2-Chloroethyl)ether	7.30	93	65	0.039	ng	# 55
22) Pentachlorophenol	16.93	266	13	0.051	ng	# 68
32) Bis(2-ethylhexyl)phthalate	21.35	149	3379	0.100	ng	# 99

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

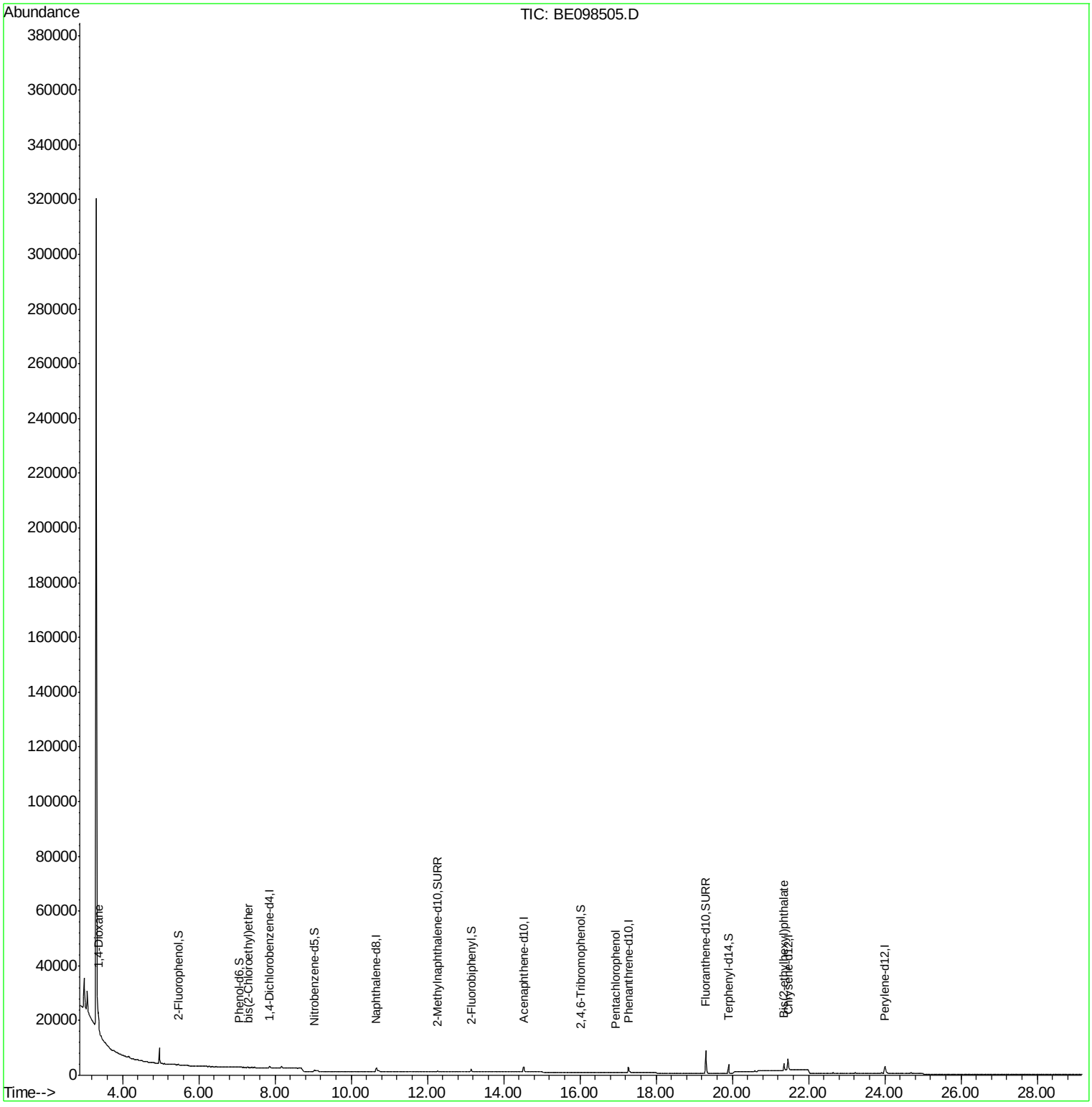
Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE121618\

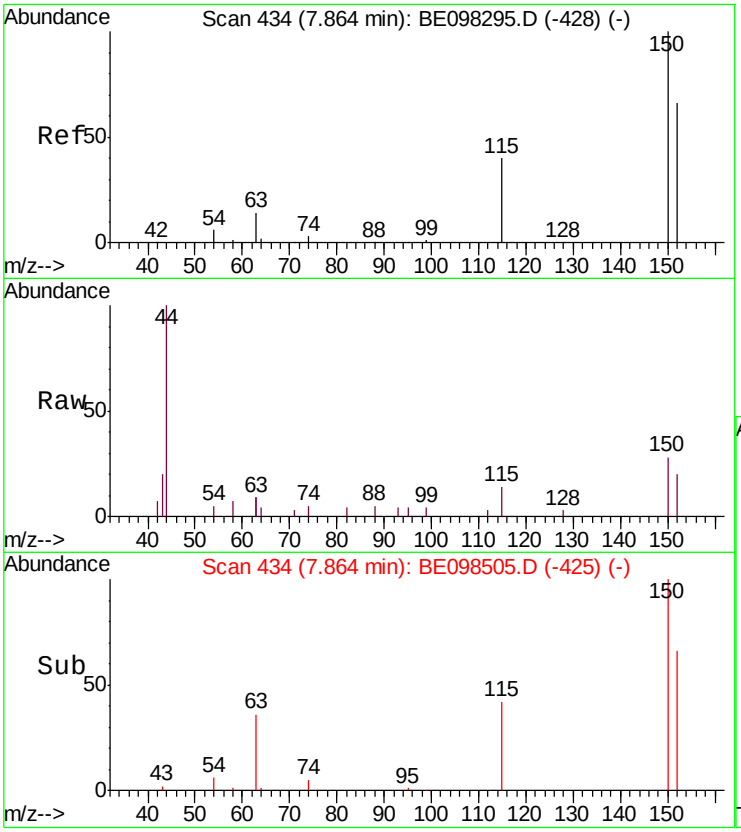
Quantitation Report (Not Reviewed)

Data File : BE098505.D
Acq On : 16 Dec 2018 13:54
Operator : SJ/JU
Sample : J6405-08DL 2X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
RE105D2-20181210DL

Quant Time: Dec 17 03:25:20 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



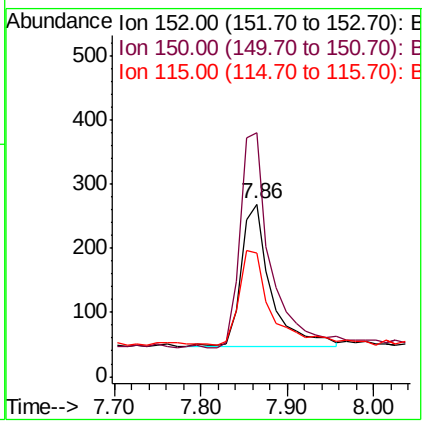


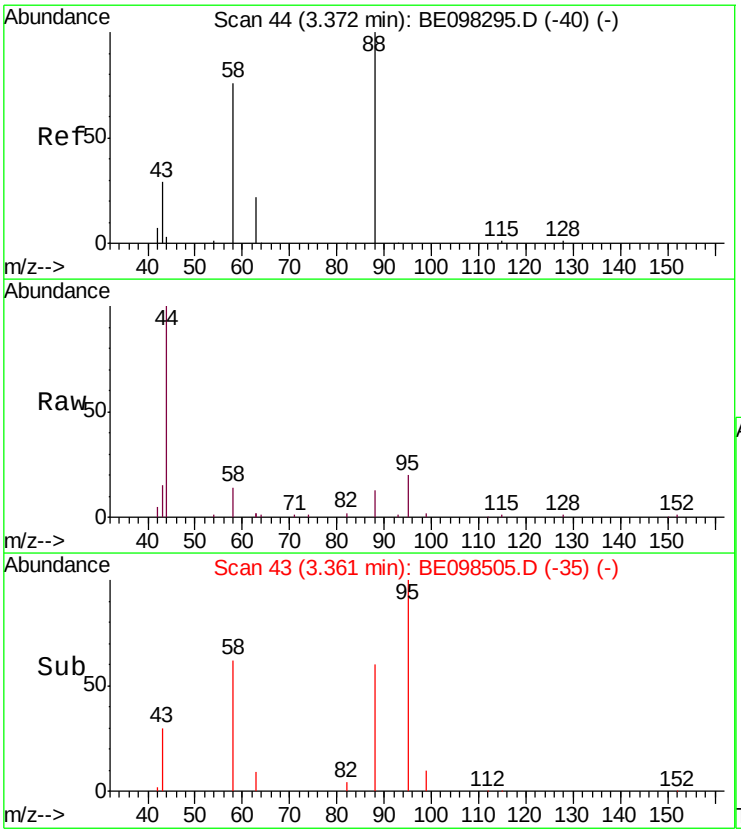
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.86 min Scan# 434
Delta R.T. 0.00 min
Lab File: BE098505.D
Acq: 16 Dec 2018 13:54

Instrument :
BNA_E
ClientSampleId :
RE105D2-20181210DL

Tgt Ion:152 Resp: 535

Ion	Ratio	Lower	Upper
152	100		
150	141.3	124.2	186.4
115	71.7	53.9	80.9

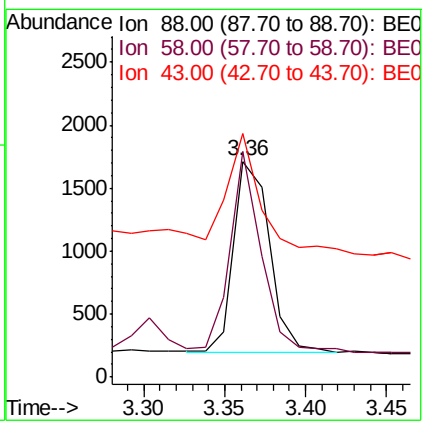


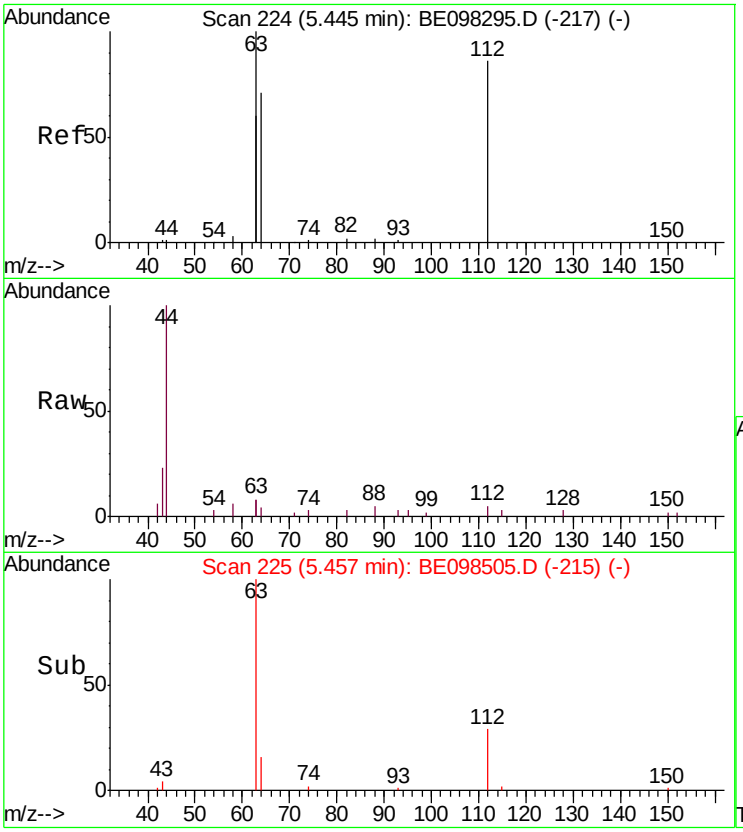


#2
1,4-Dioxane
Concen: 2.501 ng
RT: 3.36 min Scan# 43
Delta R.T. -0.01 min
Lab File: BE098505.D
Acq: 16 Dec 2018 13:54

Tgt Ion: 88 Resp: 2314

Ion	Ratio	Lower	Upper
88	100		
58	91.7	75.0	112.6
43	59.3	38.3	57.5#



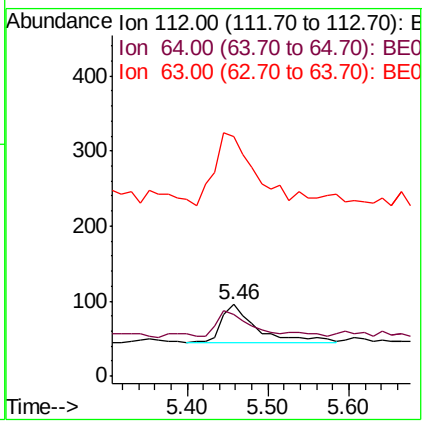


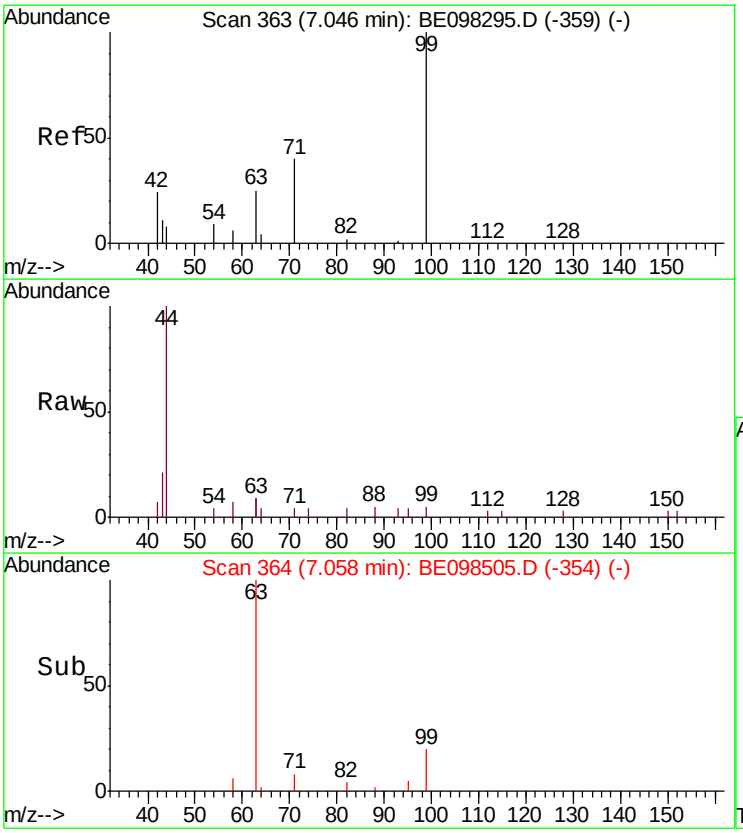
#4
2-Fluorophenol
Concen: 0.129 ng
RT: 5.46 min Scan# 225
Delta R.T. 0.01 min
Lab File: BE098505.D
Acq: 16 Dec 2018 13:54

Instrument :
BNA_E
ClientSampleId :
RE105D2-20181210DL

Tgt Ion:112 Resp: 162

Ion	Ratio	Lower	Upper
112	100		
64	53.1	59.8	89.8#
63	212.3	133.7	200.5#

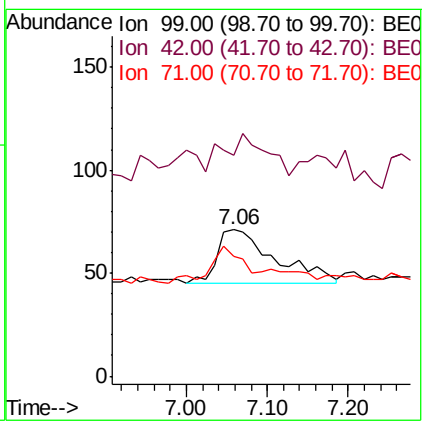


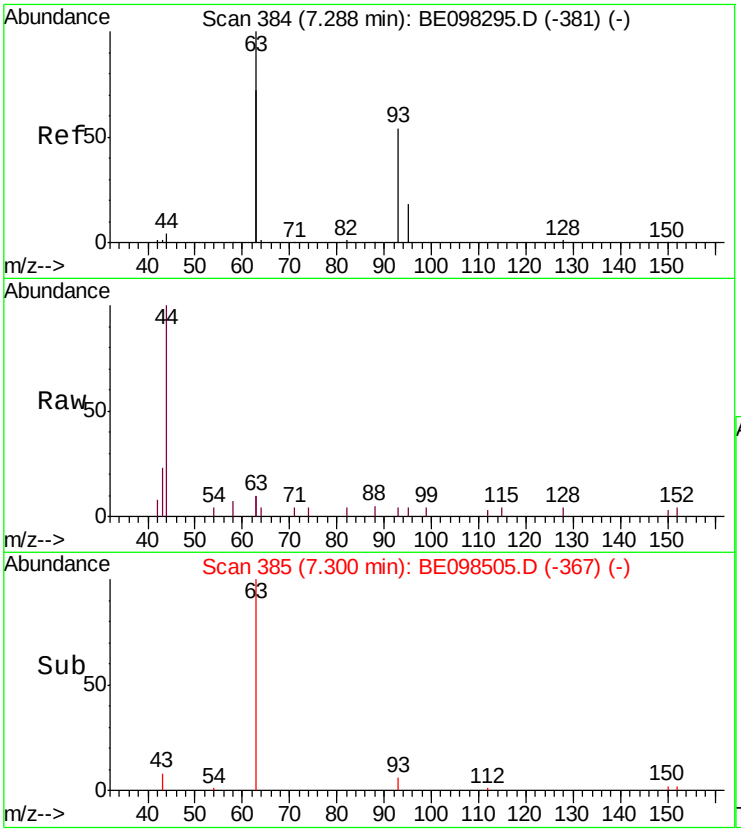


#5
Phenol-d6
Concen: 0.073 ng
RT: 7.06 min Scan# 364
Delta R.T. 0.01 min
Lab File: BE098505.D
Acq: 16 Dec 2018 13:54

Tgt Ion: 99 Resp: 130

Ion	Ratio	Lower	Upper
99	100		
42	0.0	26.3	39.5#
71	41.5	33.6	50.4



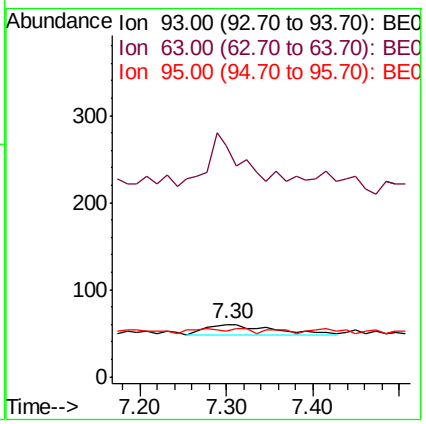


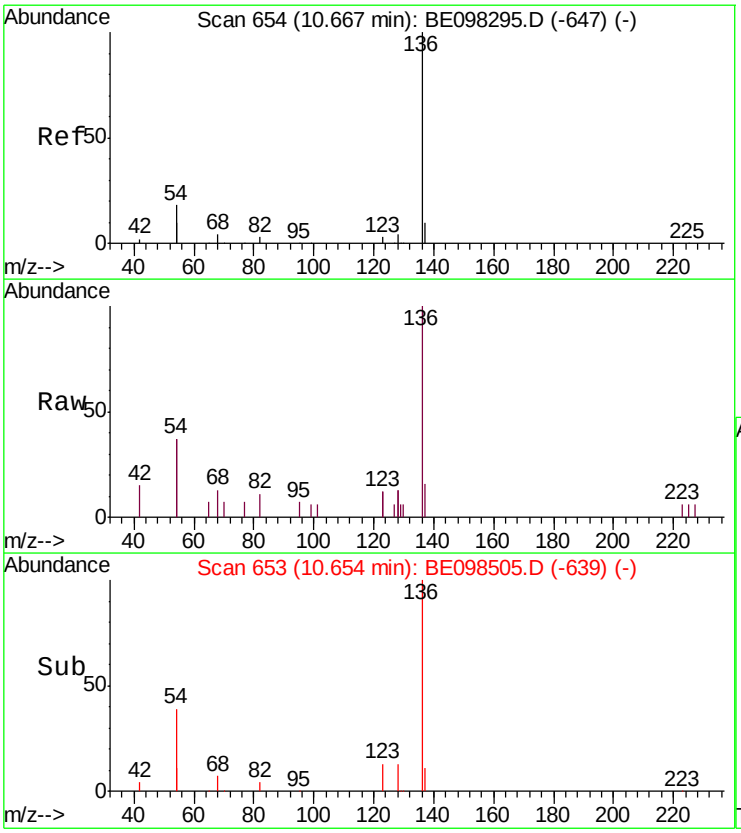
#6
bis(2-Chloroethyl)ether
Concen: 0.039 ng
RT: 7.30 min Scan# 385
Delta R.T. 0.01 min
Lab File: BE098505.D
Acq: 16 Dec 2018 13:54

Instrument :
BNA_E
ClientSampleId :
RE105D2-20181210DL

Tgt Ion: 93 Resp: 65

Ion	Ratio	Lower	Upper
93	100		
63	240.0	264.4	396.6#
95	0.0	26.6	40.0#

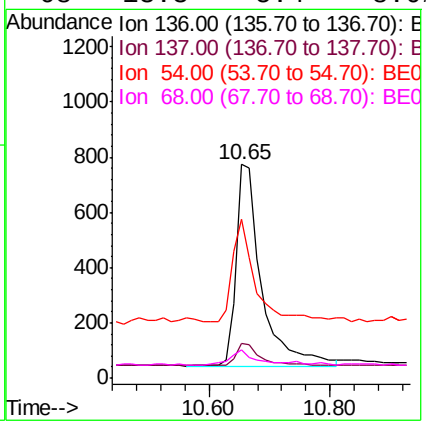


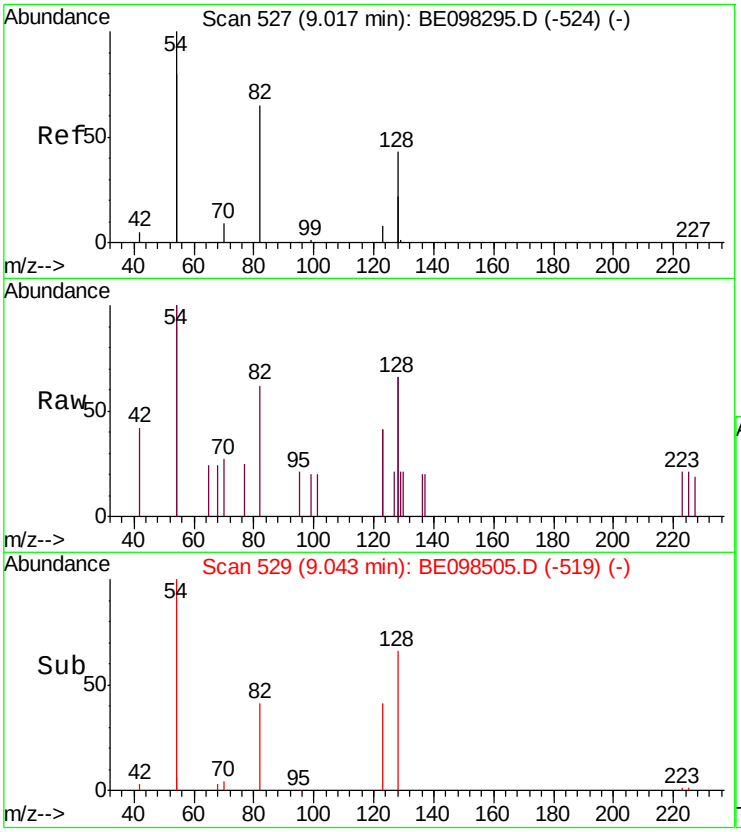


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.65 min Scan# 653
Delta R.T. -0.01 min
Lab File: BE098505.D
Acq: 16 Dec 2018 13:54

Tgt Ion:136 Resp: 2132

Ion	Ratio	Lower	Upper
136	100		
137	16.4	9.2	13.8#
54	74.2	28.4	42.6#
68	13.3	5.4	8.0#



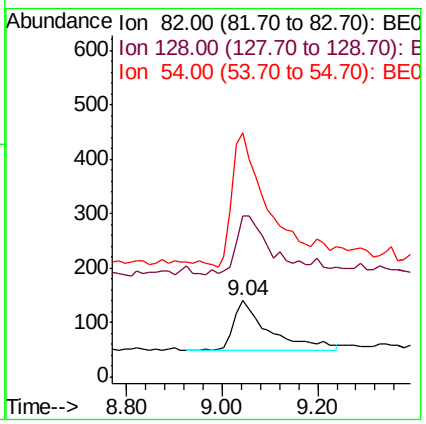


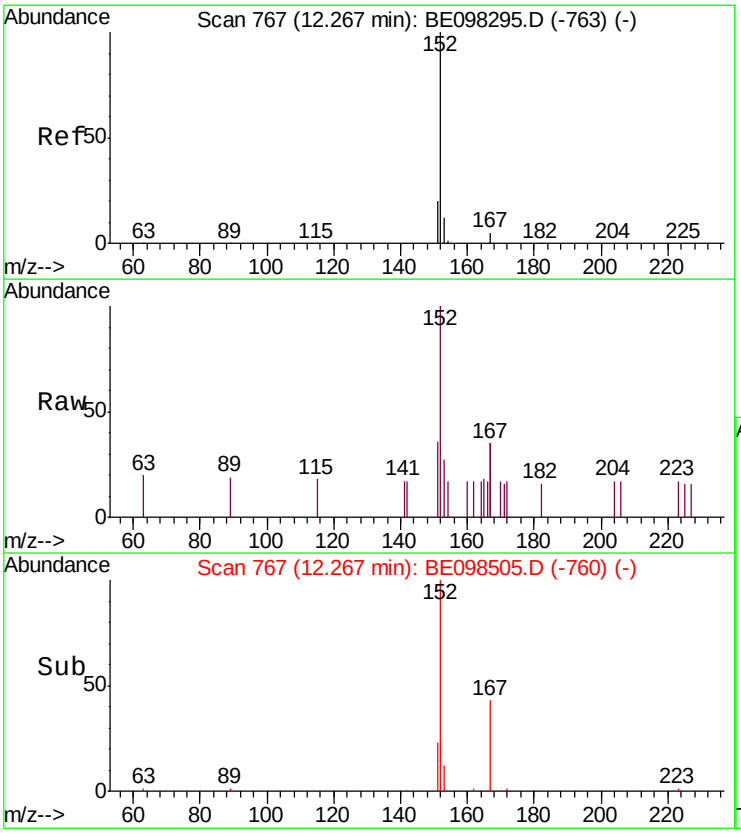
#8
Nitrobenzene-d5
Concen: 0.243 ng
RT: 9.04 min Scan# 529
Delta R.T. 0.03 min
Lab File: BE098505.D
Acq: 16 Dec 2018 13:54

Instrument :
BNA_E
ClientSampleId :
RE105D2-20181210DL

Tgt Ion: 82 Resp: 471

Ion	Ratio	Lower	Upper
82	100		
128	212.9	102.4	153.6#
54	322.3	221.8	332.8

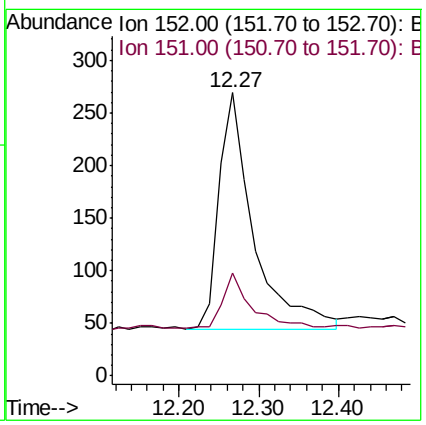


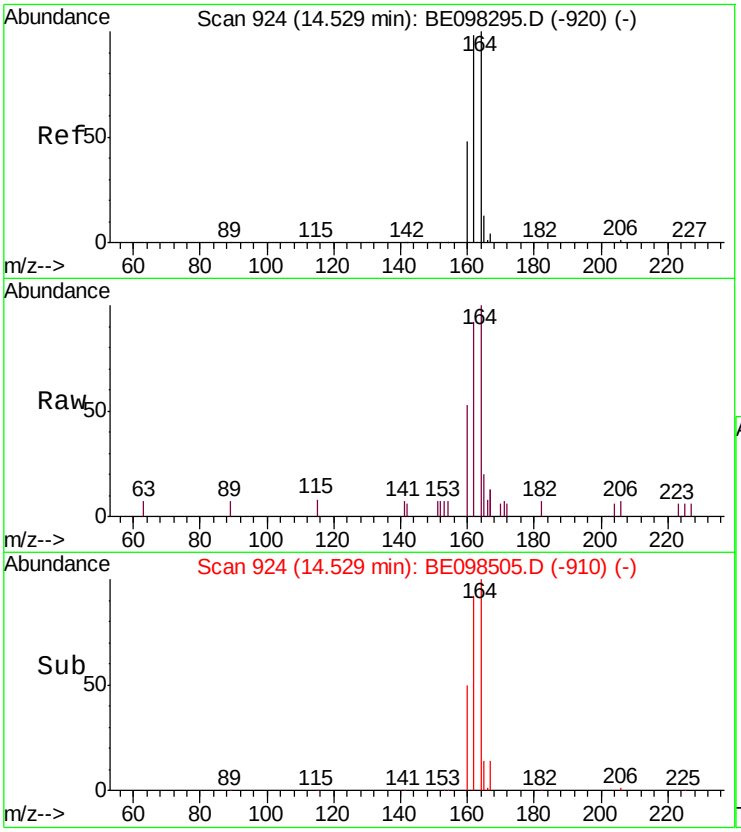


#11
2-Methylnaphthalene-d10
Concen: 0.198 ng
RT: 12.27 min Scan# 767
Delta R.T. 0.00 min
Lab File: BE098505.D
Acq: 16 Dec 2018 13:54

Tgt Ion:152 Resp: 685

Ion	Ratio	Lower	Upper
152	100		
151	18.7	16.2	24.4



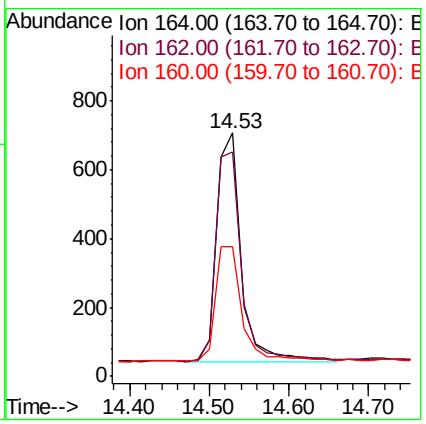


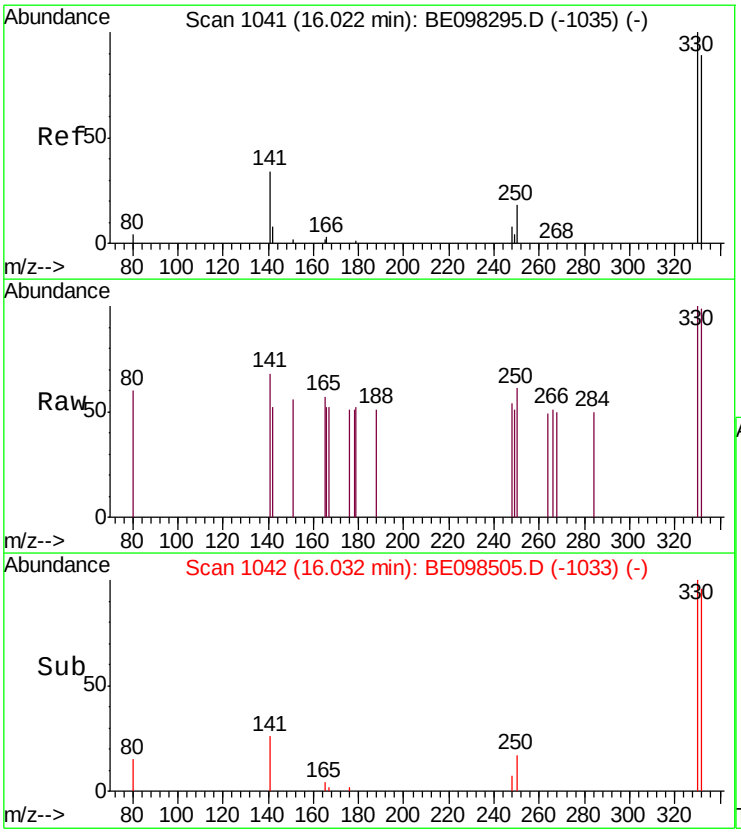
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.53 min Scan# 924
Delta R.T. 0.00 min
Lab File: BE098505.D
Acq: 16 Dec 2018 13:54

Instrument :
BNA_E
ClientSampleId :
RE105D2-20181210DL

Tgt Ion:164 Resp: 1402

Ion	Ratio	Lower	Upper
164	100		
162	92.2	77.6	116.4
160	53.2	36.0	54.0

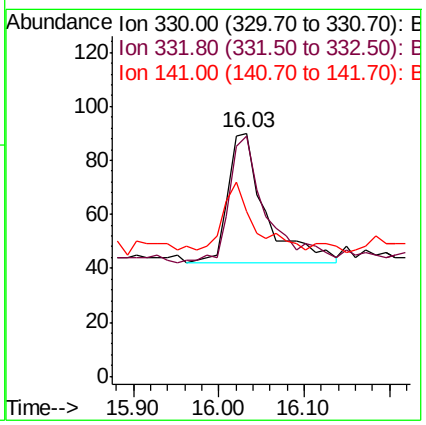


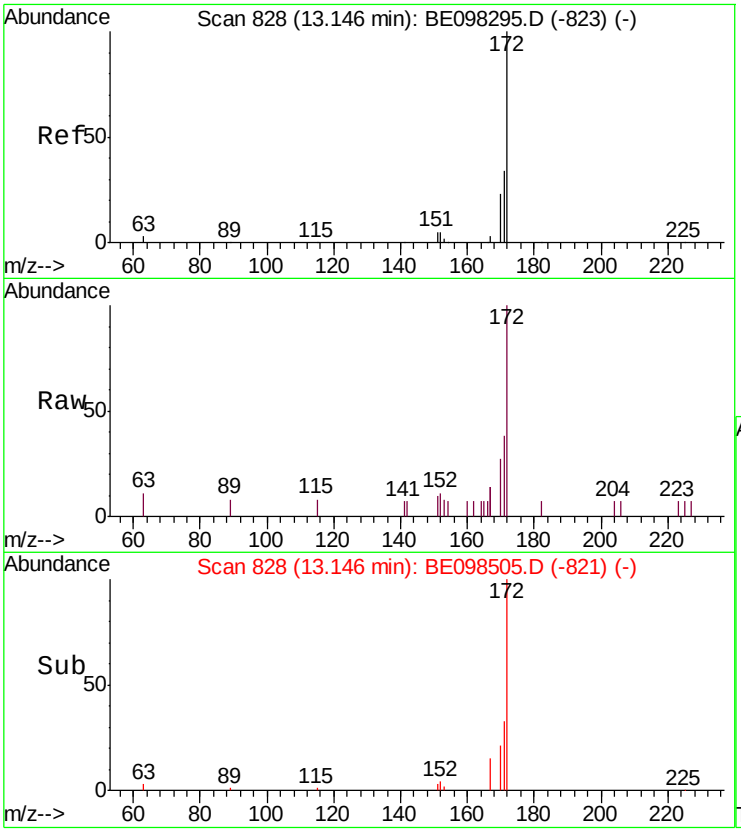


#14
2,4,6-Tribromophenol
Concen: 0.284 ng
RT: 16.03 min Scan# 1042
Delta R.T. 0.01 min
Lab File: BE098505.D
Acq: 16 Dec 2018 13:54

Tgt Ion:330 Resp: 146

Ion	Ratio	Lower	Upper
330	100		
332	97.9	76.2	114.4
141	40.4	39.0	58.4



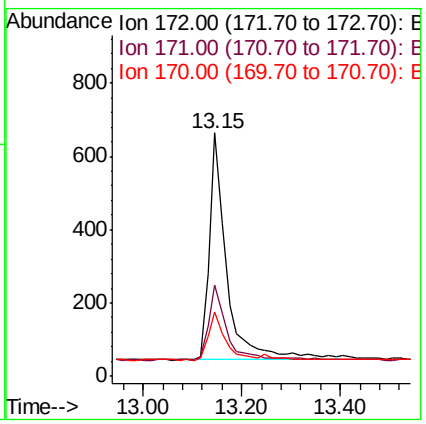


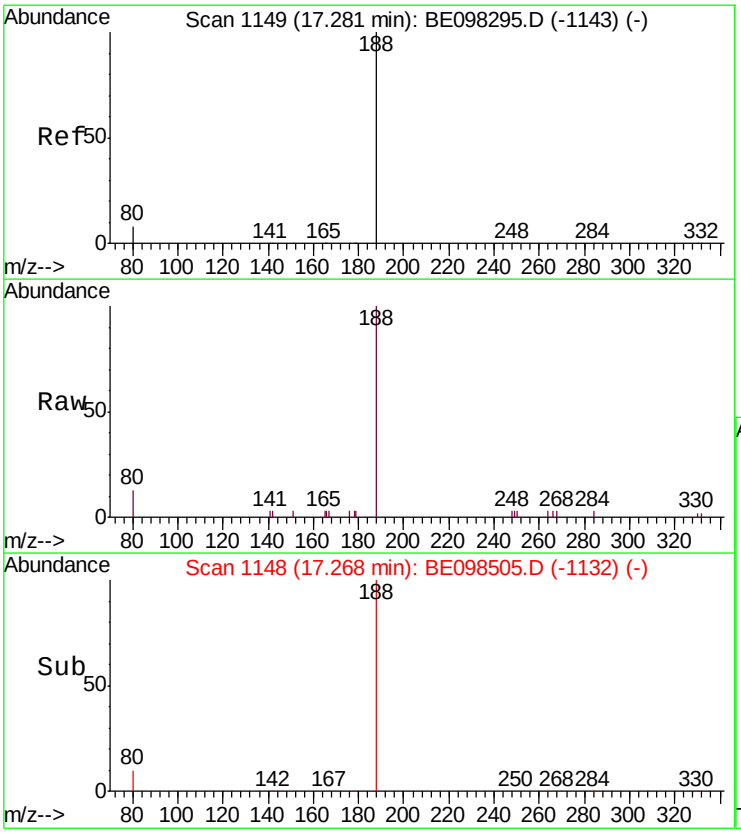
#15
2-Fluorobiphenyl
Concen: 0.256 ng
RT: 13.15 min Scan# 828
Delta R.T. 0.00 min
Lab File: BE098505.D
Acq: 16 Dec 2018 13:54

Instrument :
BNA_E
ClientSampleId :
RE105D2-20181210DL

Tgt Ion:172 Resp: 1511

Ion	Ratio	Lower	Upper
172	100		
171	37.7	27.5	41.3
170	26.7	19.6	29.4

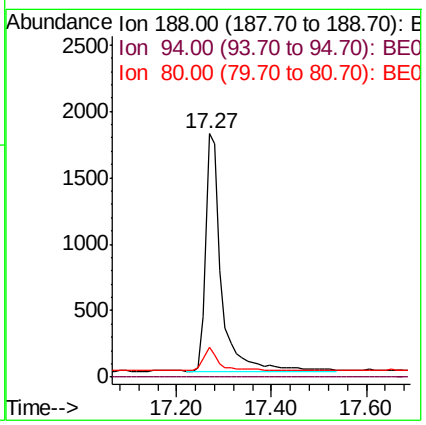


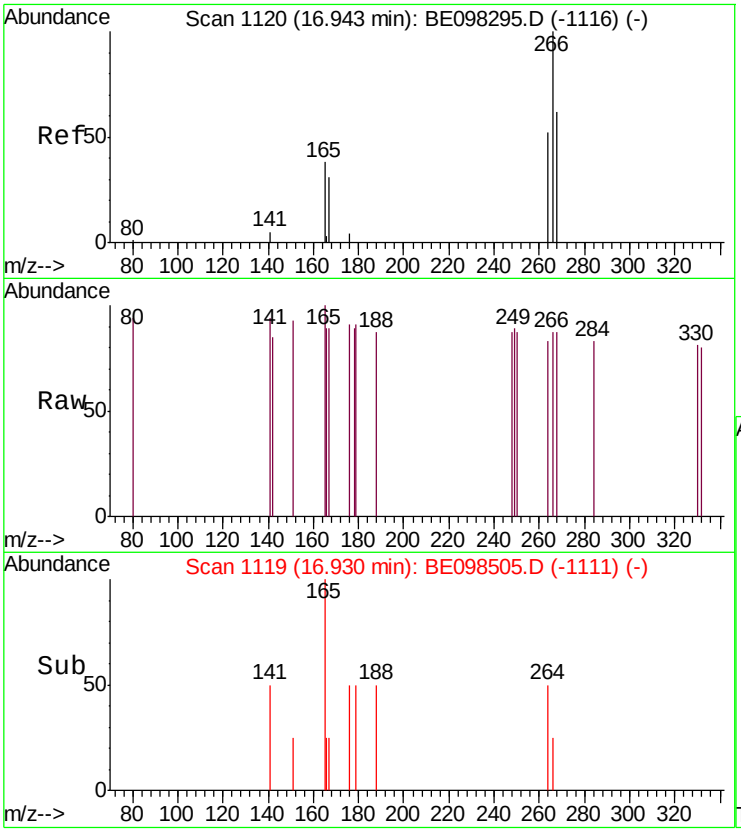


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.27 min Scan# 1148
Delta R.T. -0.01 min
Lab File: BE098505.D
Acq: 16 Dec 2018 13:54

Tgt Ion:188 Resp: 4182

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	12.5	7.2	10.8#



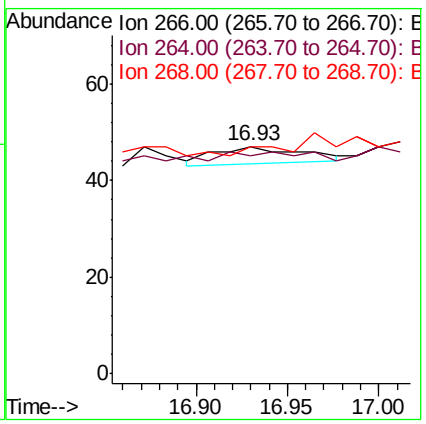


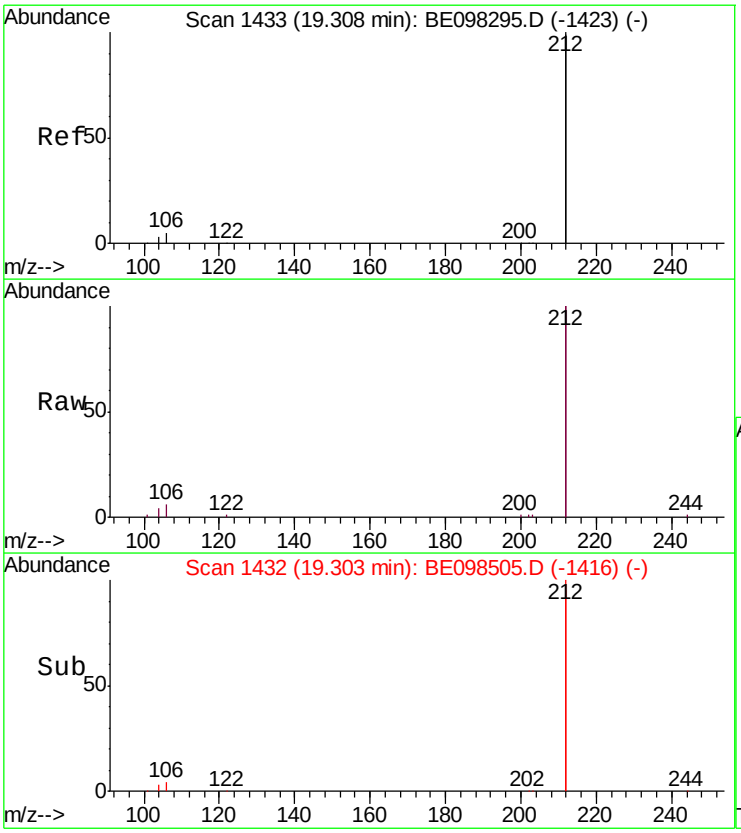
#22
Pentachlorophenol
Concen: 0.051 ng
RT: 16.93 min Scan# 1119
Delta R.T. -0.01 min
Lab File: BE098505.D
Acq: 16 Dec 2018 13:54

Instrument :
BNA_E
ClientSampleId :
RE105D2-20181210DL

Tgt Ion:266 Resp: 13

Ion	Ratio	Lower	Upper
266	100		
264	95.7	59.0	88.4#
268	100.0	55.1	82.7#

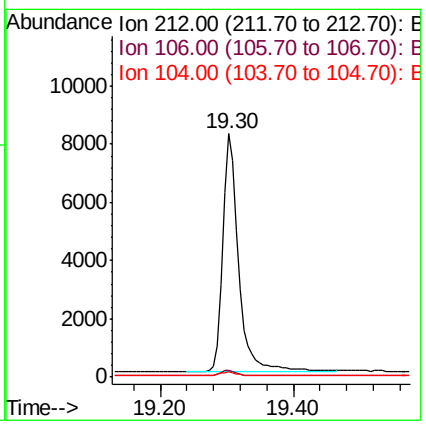


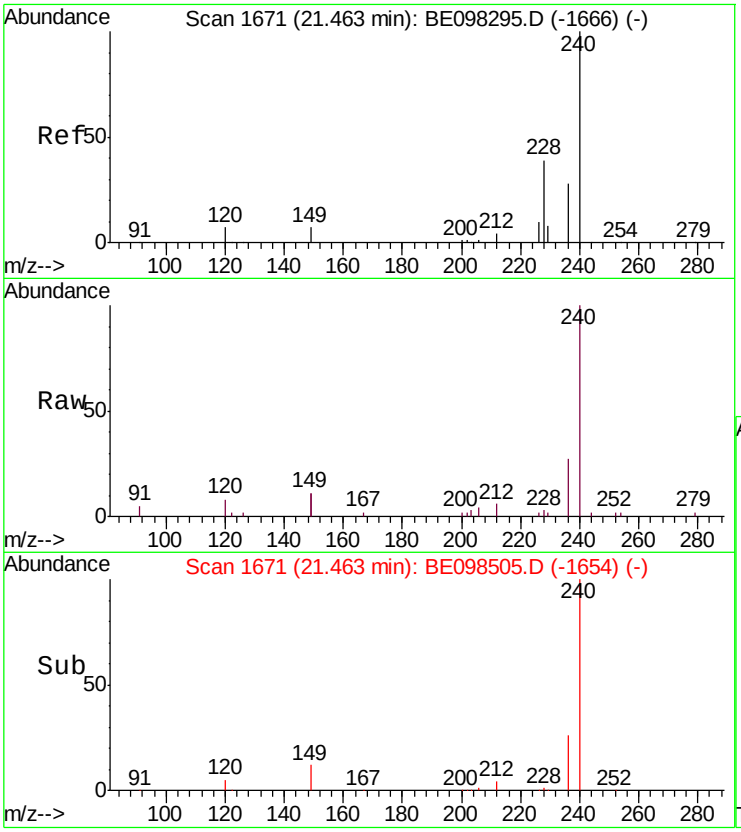


#25
Fluoranthene-d10
Concen: 0.252 ng
RT: 19.30 min Scan# 1432
Delta R.T. -0.01 min
Lab File: BE098505.D
Acq: 16 Dec 2018 13:54

Tgt Ion:212 Resp: 13543

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



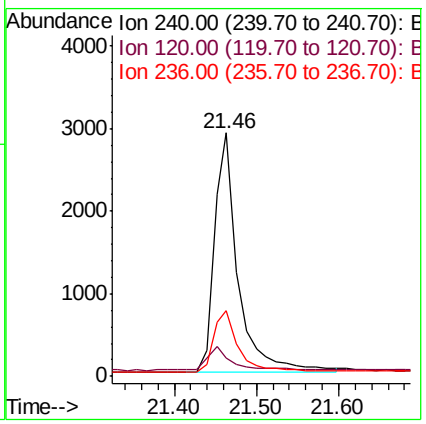


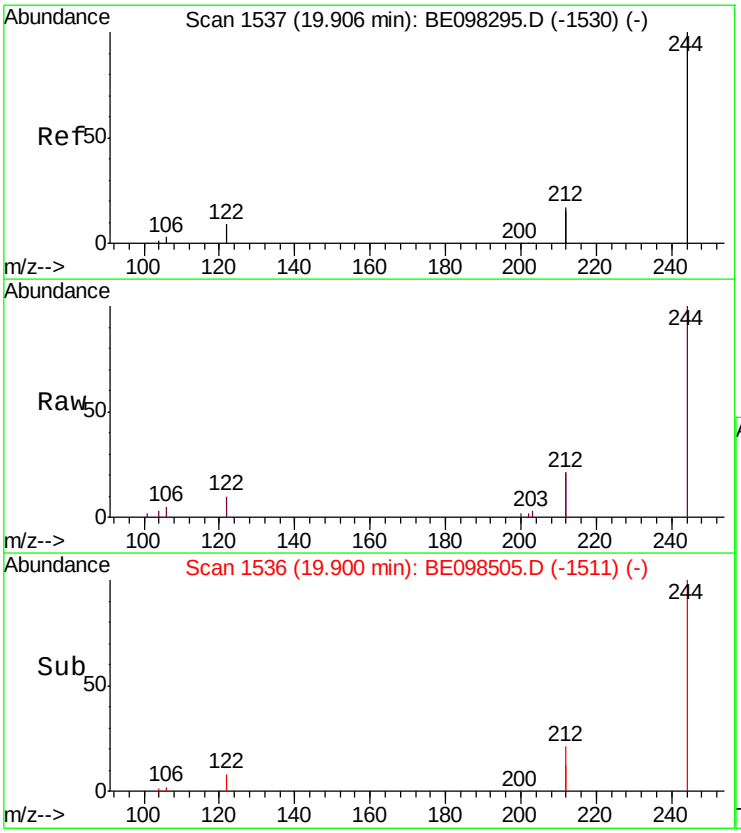
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.46 min Scan# 1671
Delta R.T. 0.00 min
Lab File: BE098505.D
Acq: 16 Dec 2018 13:54

Instrument :
BNA_E
ClientSampleId :
RE105D2-20181210DL

Tgt Ion:240 Resp: 5824

Ion	Ratio	Lower	Upper
240	100		
120	7.6	9.5	14.3#
236	27.1	22.7	34.1

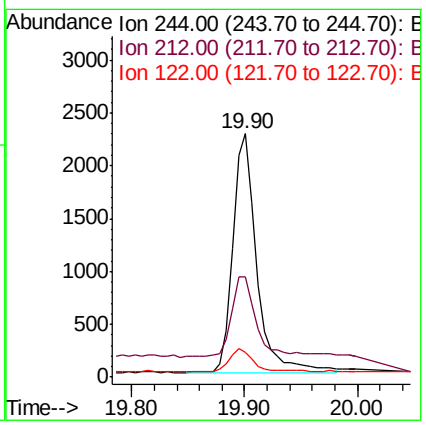


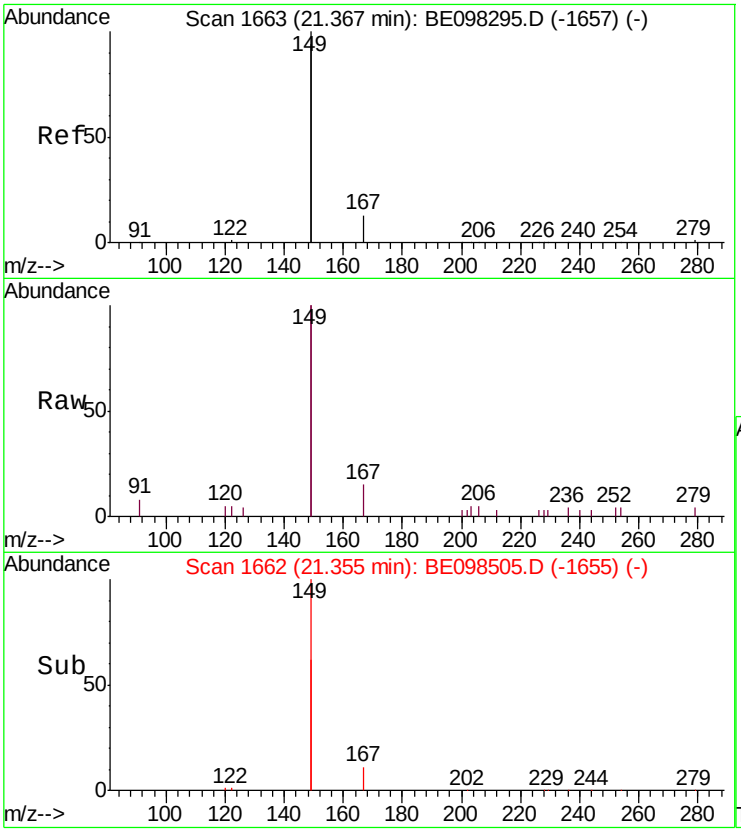


#29
Terphenyl-d14
Concen: 0.236 ng
RT: 19.90 min Scan# 1536
Delta R.T. -0.01 min
Lab File: BE098505.D
Acq: 16 Dec 2018 13:54

Tgt Ion:244 Resp: 3347

Ion	Ratio	Lower	Upper
244	100		
212	41.4	27.4	41.0#
122	10.3	8.3	12.5



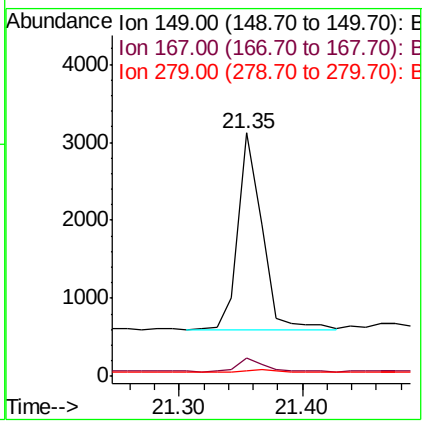


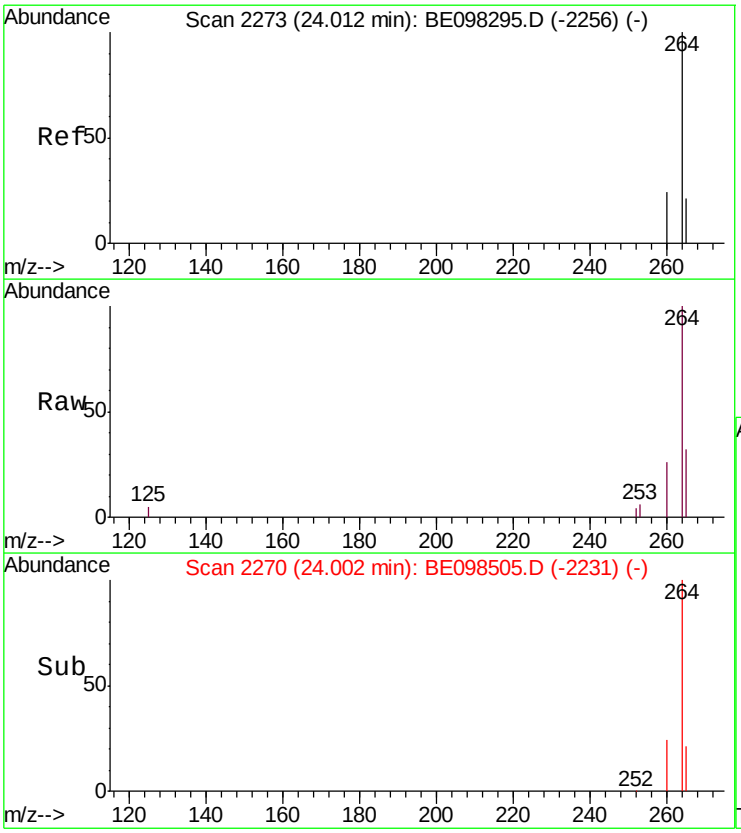
#32
Bis(2-ethylhexyl)phthalate
Concen: 0.100 ng
RT: 21.35 min Scan# 1662
Delta R.T. -0.01 min
Lab File: BE098505.D
Acq: 16 Dec 2018 13:54

Instrument :
BNA_E
ClientSampleId :
RE105D2-20181210DL

Tgt Ion:149 Resp: 3379

Ion	Ratio	Lower	Upper
149	100		
167	7.3	5.7	8.5
279	2.0	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: BE098505.D
Acq: 16 Dec 2018 13:54

Tgt Ion:264 Resp: 5577

Ion	Ratio	Lower	Upper
264	100		
260	25.7	20.2	30.2
265	32.3	25.2	37.8