Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE121218\
Data File : BE098385.D
Acq On : 13 Dec 2018 5:54
Operator : SJ/JU
Sample : J6325-11
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : RE-131D3-20181205

Quant Time: Dec 13 07:05:42 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	1011	0.40	ng	0.00
7) Naphthalene-d8	10.67	136	4324	0.40	ng	0.00
13) Acenaphthene-d10	14.53	164	2872	0.40	ng	0.00
19) Phenanthrene-d10	17.28	188	7595	0.40	ng	0.00
27) Chrysene-d12	21.46	240	8763	0.40	ng	0.00
34) Perylene-d12	24.01	264	8449	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.46	112	504	0.21	ng	0.01
5) Phenol-d6	7.07	99	276	0.08	ng	0.02
8) Nitrobenzene-d5	9.06	82	1454	0.37	ng	0.04
11) 2-Methylnaphthalene-d10	12.27	152	2891	0.41	ng	0.00
14) 2,4,6-Tribromophenol	16.03	330	343	0.33	ng	0.01
15) 2-Fluorobiphenyl	13.15	172	4940	0.41	ng	0.00
25) Fluoranthene-d10	19.30	212	42288	0.43	ng	0.00
29) Terphenyl-d14	19.90	244	7551	0.35	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.36	88	2261	1.293	ng	# 91
3) n-Nitrosodimethylamine	3.71	42	51	0.032	ng	# 100
22) Pentachlorophenol	16.92	266	13	0.035	ng	# 75
32) Bis(2-ethylhexyl)phthalate	21.35	149	1447	0.029	ng	# 98

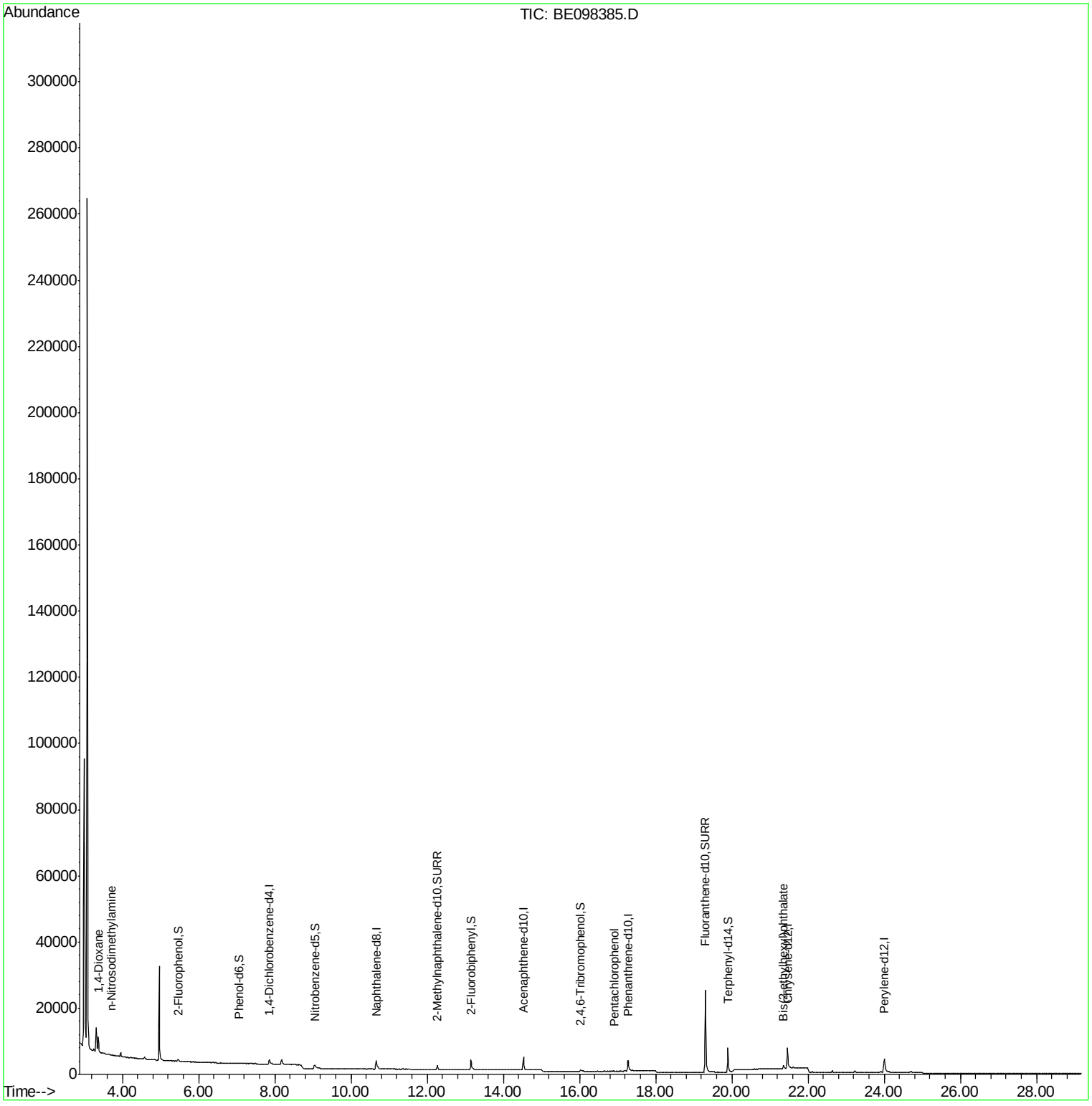
(#) = qualifier out of range (m) = manual integration (+) = signals summed

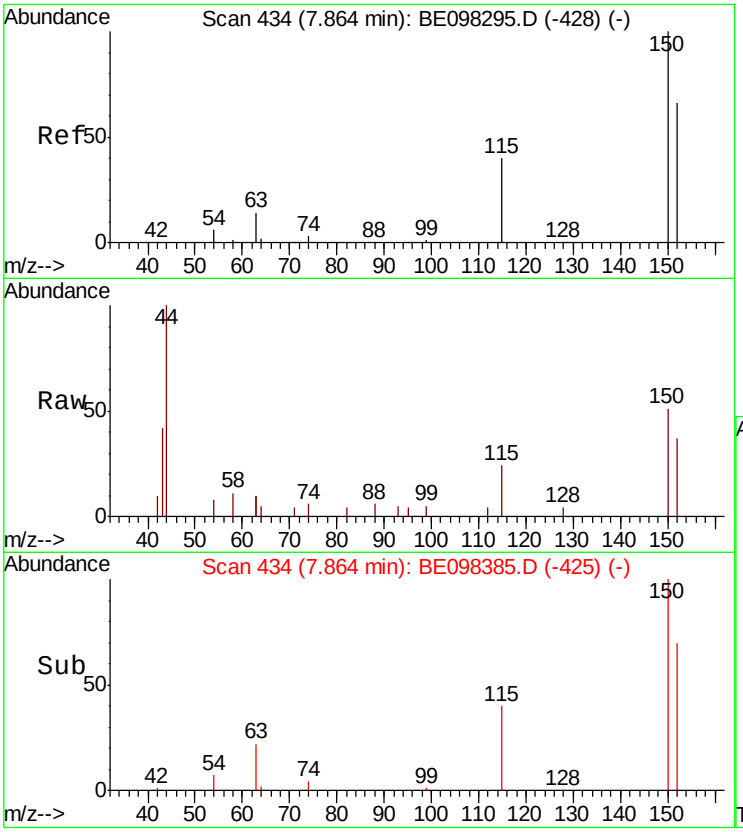
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE121218\
Data File : BE098385.D
Acq On : 13 Dec 2018 5:54
Operator : SJ/JU
Sample : J6325-11
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
RE-131D3-20181205

Quant Time: Dec 13 07:05:42 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



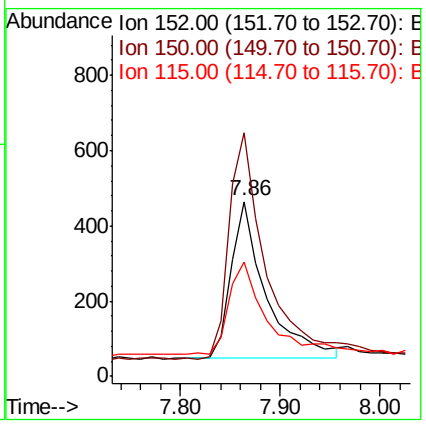


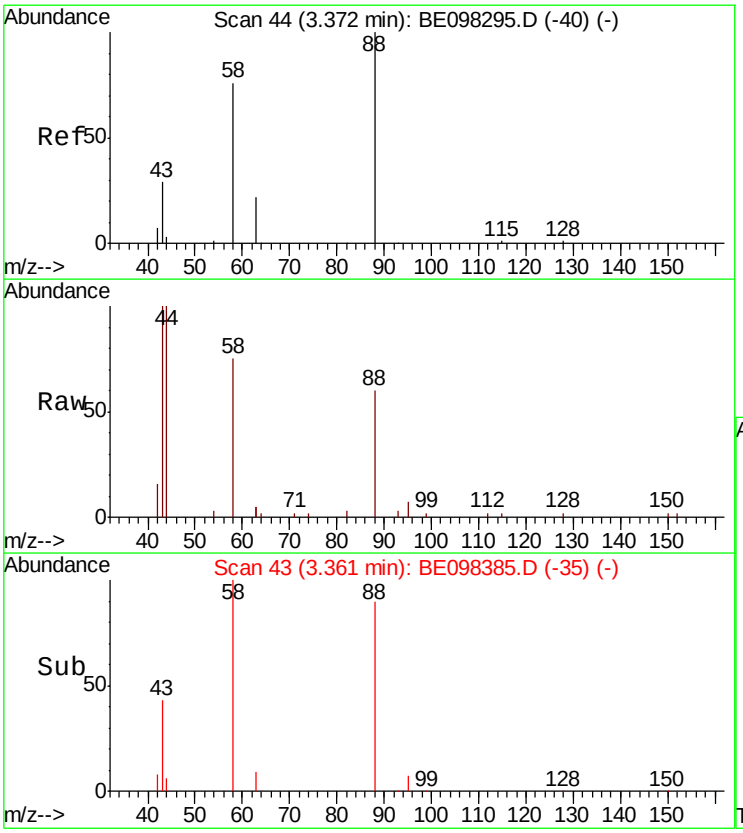
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.86 min Scan# 434
Delta R.T. 0.00 min
Lab File: BE098385.D
Acq: 13 Dec 2018 5:54

Instrument :
BNA_E
ClientSampleId :
RE-131D3-20181205

Tgt Ion:152 Resp: 1011

Ion	Ratio	Lower	Upper
152	100		
150	139.1	124.2	186.4
115	65.2	53.9	80.9

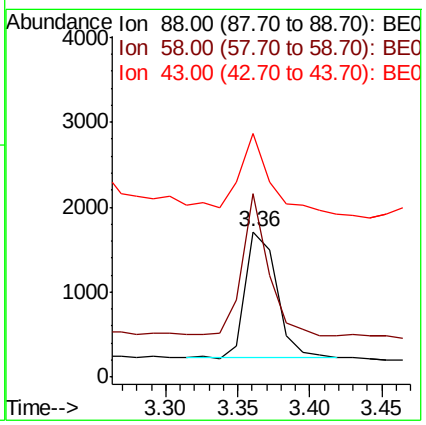


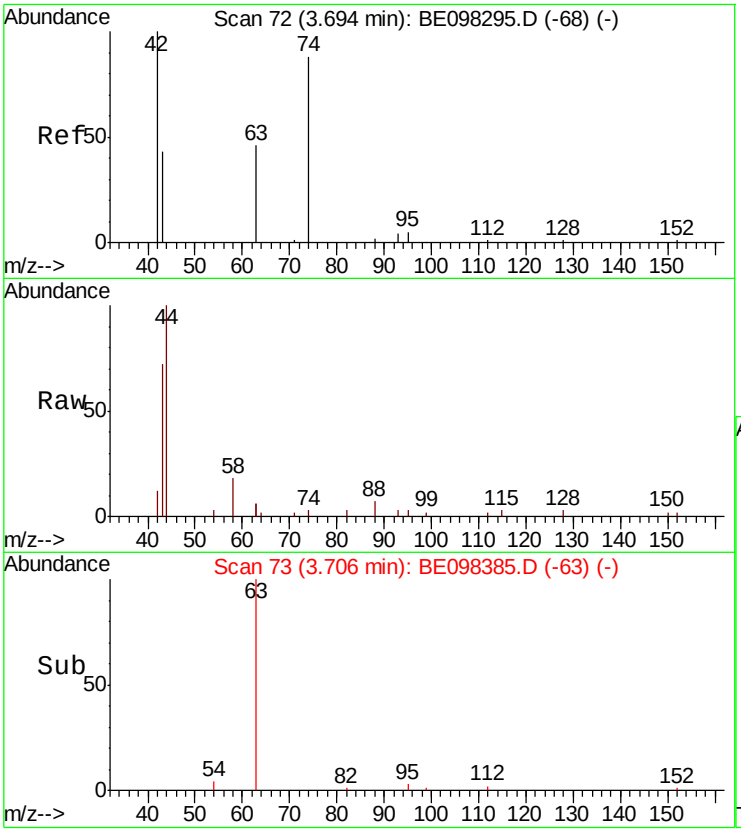


#2
1,4-Dioxane
Concen: 1.293 ng
RT: 3.36 min Scan# 43
Delta R.T. -0.01 min
Lab File: BE098385.D
Acq: 13 Dec 2018 5:54

Tgt Ion: 88 Resp: 2261

Ion	Ratio	Lower	Upper
88	100		
58	95.6	75.0	112.6
43	63.4	38.3	57.5#



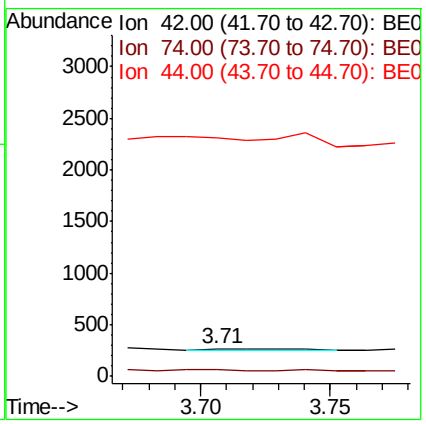


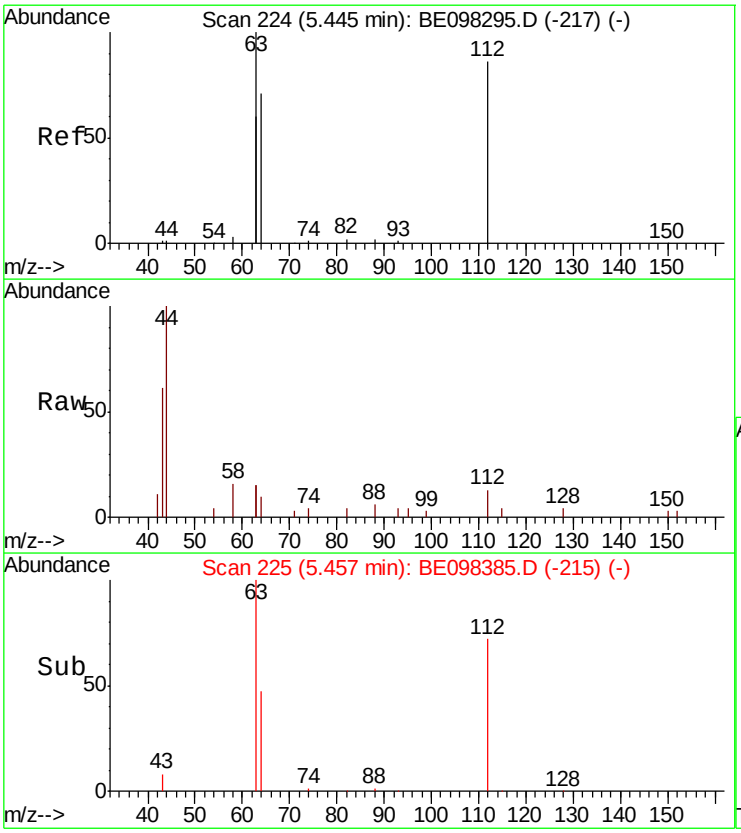
#3
n-Nitrosodimethylamine
Concen: 0.032 ng
RT: 3.71 min Scan# 73
Delta R.T. 0.01 min
Lab File: BE098385.D
Acq: 13 Dec 2018 5:54

Instrument :
BNA_E
ClientSampleId :
RE-131D3-20181205

Tgt Ion: 42 Resp: 51

Ion	Ratio	Lower	Upper
42	100		
74	21.6	0.0	0.0#
44	0.0	0.0	0.0

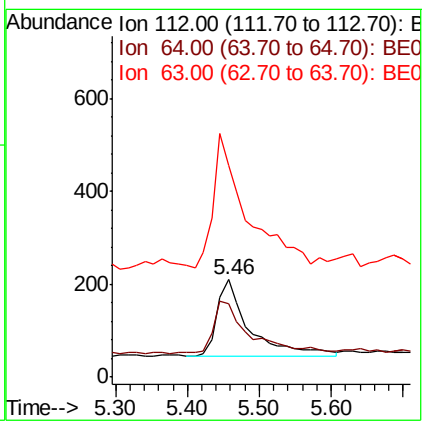


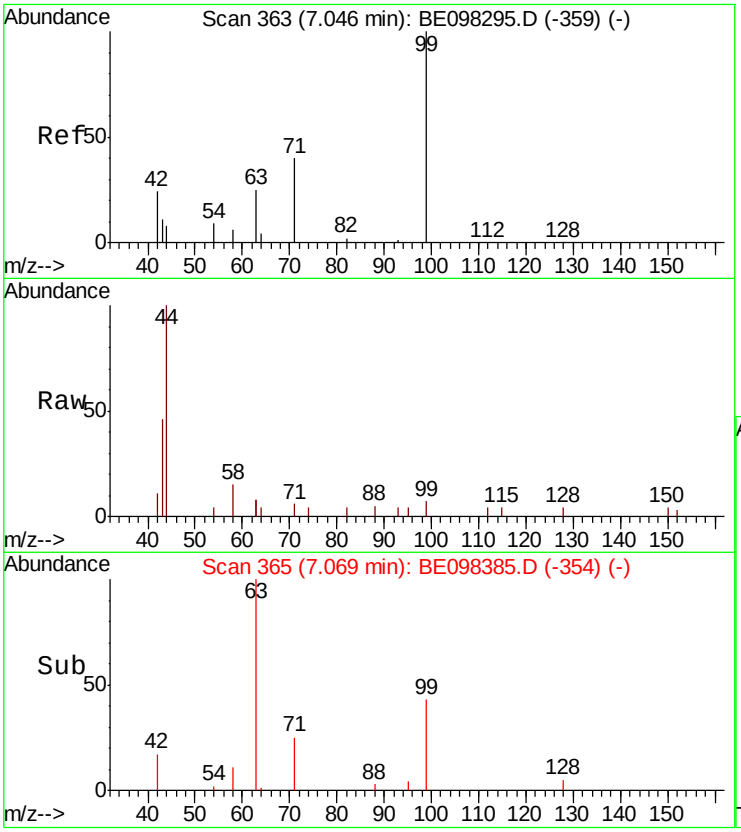


#4
2-Fluorophenol
Concen: 0.213 ng
RT: 5.46 min Scan# 225
Delta R.T. 0.01 min
Lab File: BE098385.D
Acq: 13 Dec 2018 5:54

Tgt Ion:112 Resp: 504

Ion	Ratio	Lower	Upper
112	100		
64	81.3	59.8	89.8
63	188.9	133.7	200.5



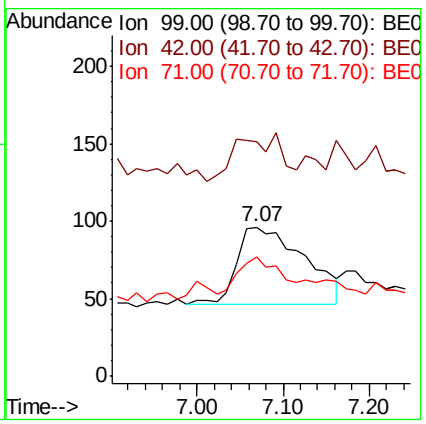


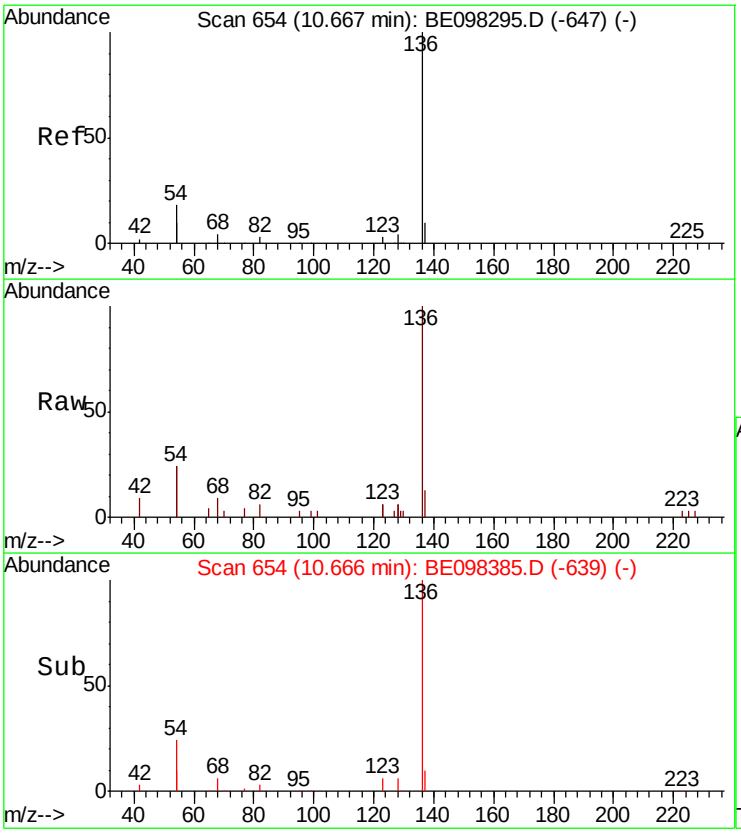
#5
Phenol-d6
Concen: 0.082 ng
RT: 7.07 min Scan# 365
Delta R.T. 0.02 min
Lab File: BE098385.D
Acq: 13 Dec 2018 5:54

Instrument :
BNA_E
ClientSampleId :
RE-131D3-20181205

Tgt Ion: 99 Resp: 276

Ion	Ratio	Lower	Upper
99	100		
42	0.0	26.3	39.5#
71	27.5	33.6	50.4#

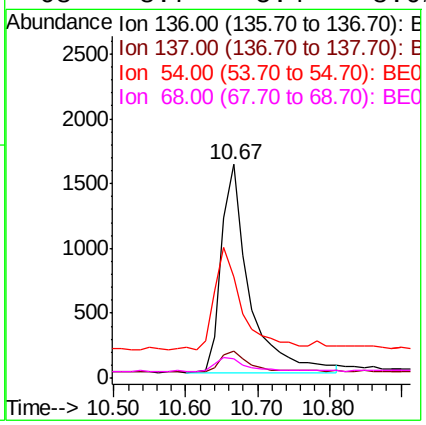


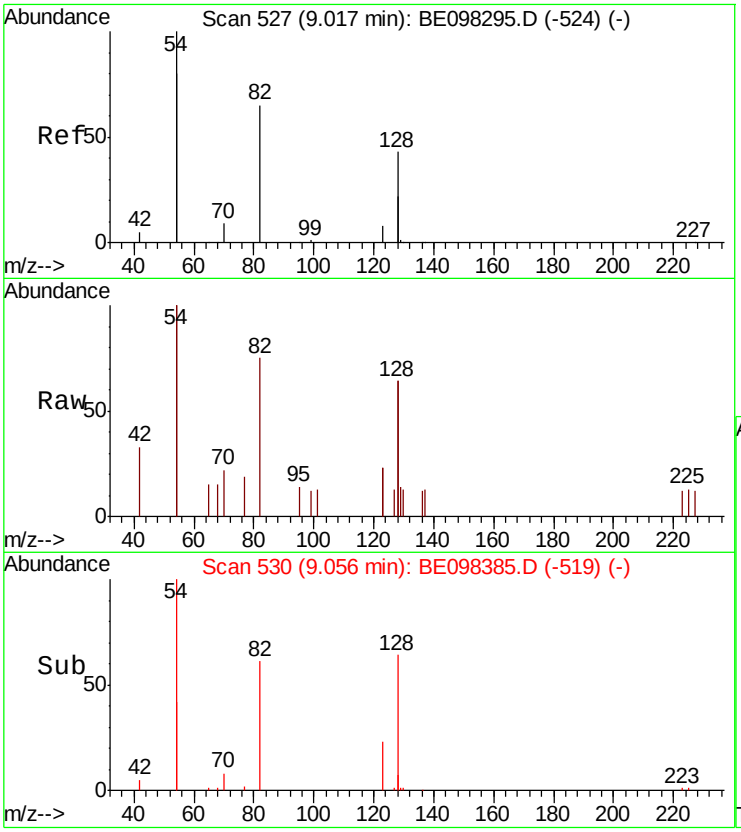


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.67 min Scan# 654
Delta R.T. -0.00 min
Lab File: BE098385.D
Acq: 13 Dec 2018 5:54

Tgt Ion:136 Resp: 4324

Ion	Ratio	Lower	Upper
136	100		
137	12.7	9.2	13.8
54	47.3	28.4	42.6#
68	8.7	5.4	8.0#



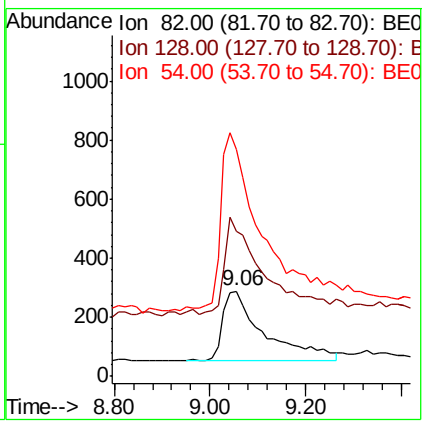


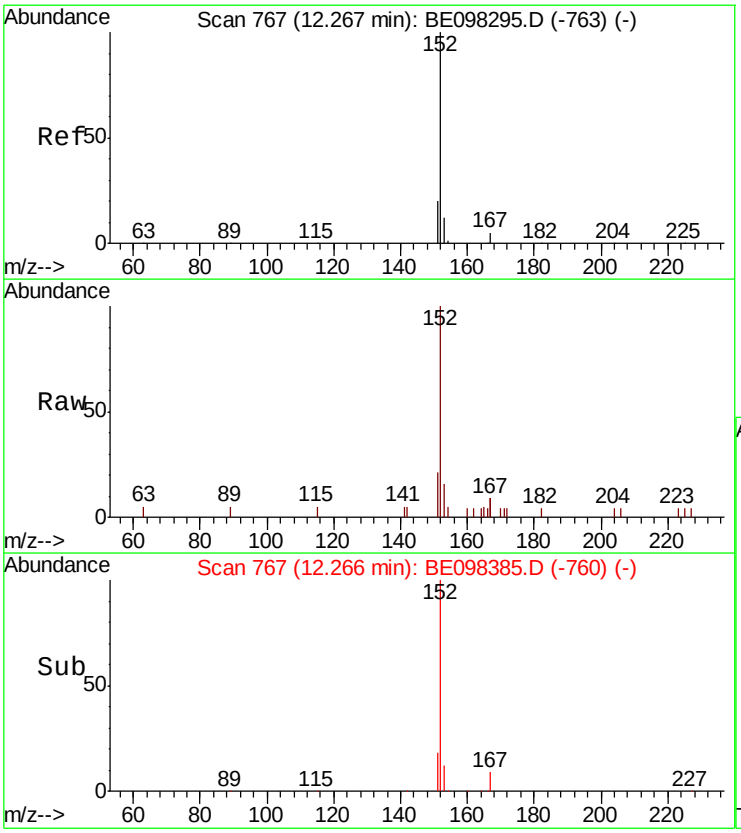
#8
Nitrobenzene-d5
Concen: 0.369 ng
RT: 9.06 min Scan# 530
Delta R.T. 0.04 min
Lab File: BE098385.D
Acq: 13 Dec 2018 5:54

Instrument :
BNA_E
ClientSampleId :
RE-131D3-20181205

Tgt Ion: 82 Resp: 1454

Ion	Ratio	Lower	Upper
82	100		
128	169.6	102.4	153.6#
54	265.7	221.8	332.8

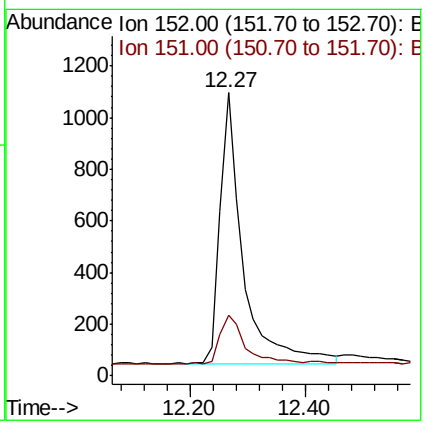


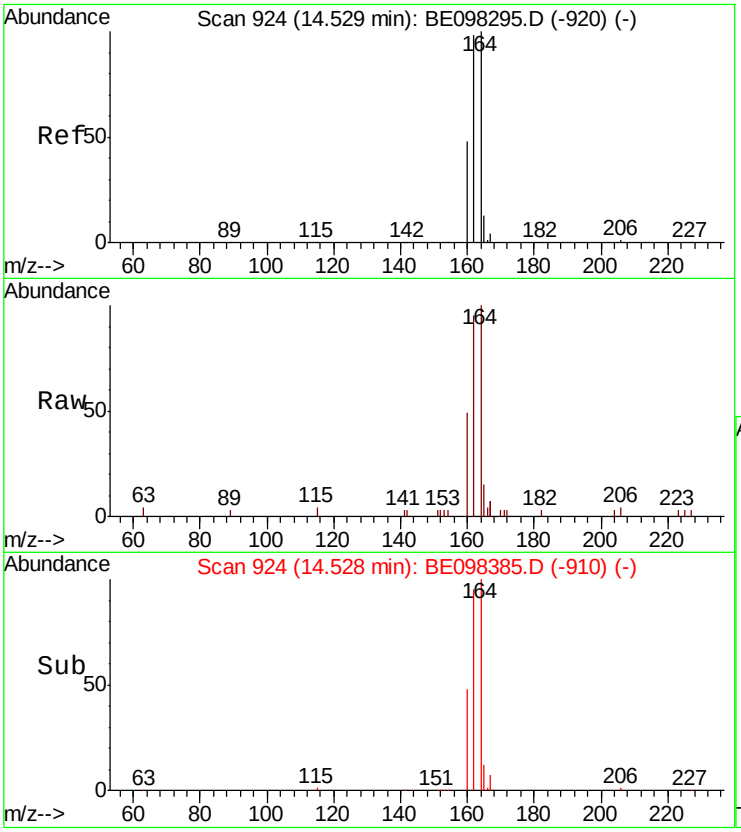


#11
2-Methylnaphthalene-d10
Concen: 0.411 ng
RT: 12.27 min Scan# 767
Delta R.T. -0.00 min
Lab File: BE098385.D
Acq: 13 Dec 2018 5:54

Tgt Ion:152 Resp: 2891

Ion	Ratio	Lower	Upper
152	100		
151	20.2	16.2	24.4



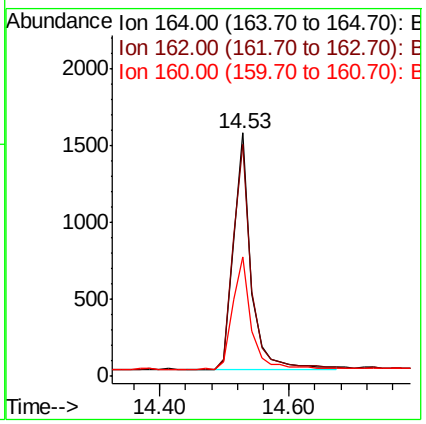


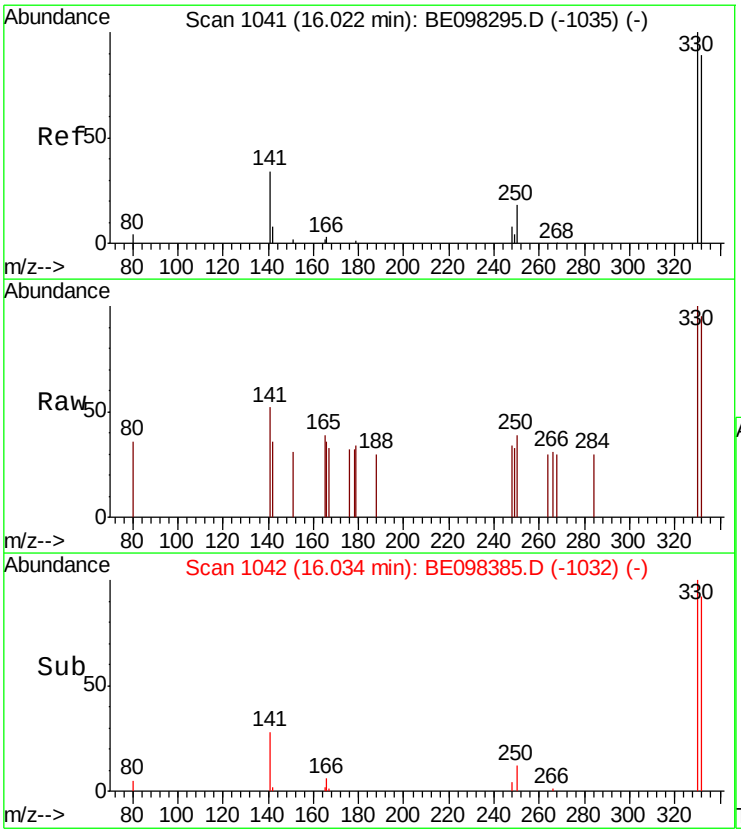
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.53 min Scan# 924
Delta R.T. -0.00 min
Lab File: BE098385.D
Acq: 13 Dec 2018 5:54

Instrument :
BNA_E
ClientSampleId :
RE-131D3-20181205

Tgt Ion:164 Resp: 2872

Ion	Ratio	Lower	Upper
164	100		
162	95.1	77.6	116.4
160	49.1	36.0	54.0

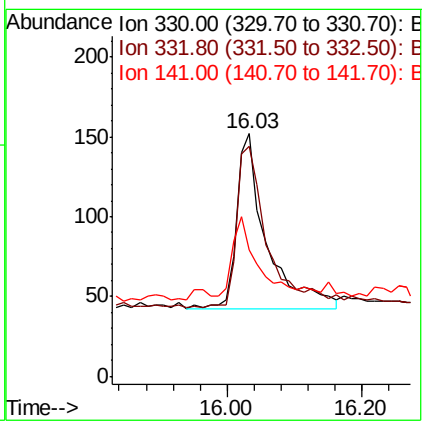


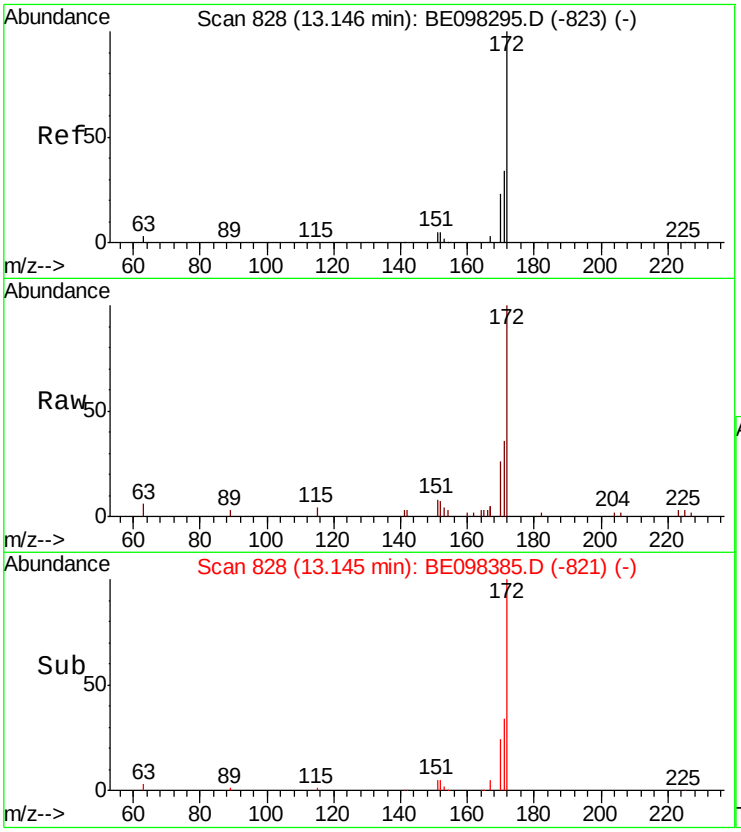


#14
2,4,6-Tribromophenol
Concen: 0.325 ng
RT: 16.03 min Scan# 1042
Delta R.T. 0.01 min
Lab File: BE098385.D
Acq: 13 Dec 2018 5:54

Tgt Ion:330 Resp: 343

Ion	Ratio	Lower	Upper
330	100		
332	104.7	76.2	114.4
141	40.2	39.0	58.4



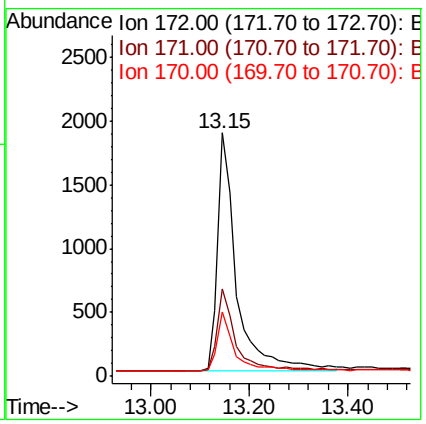


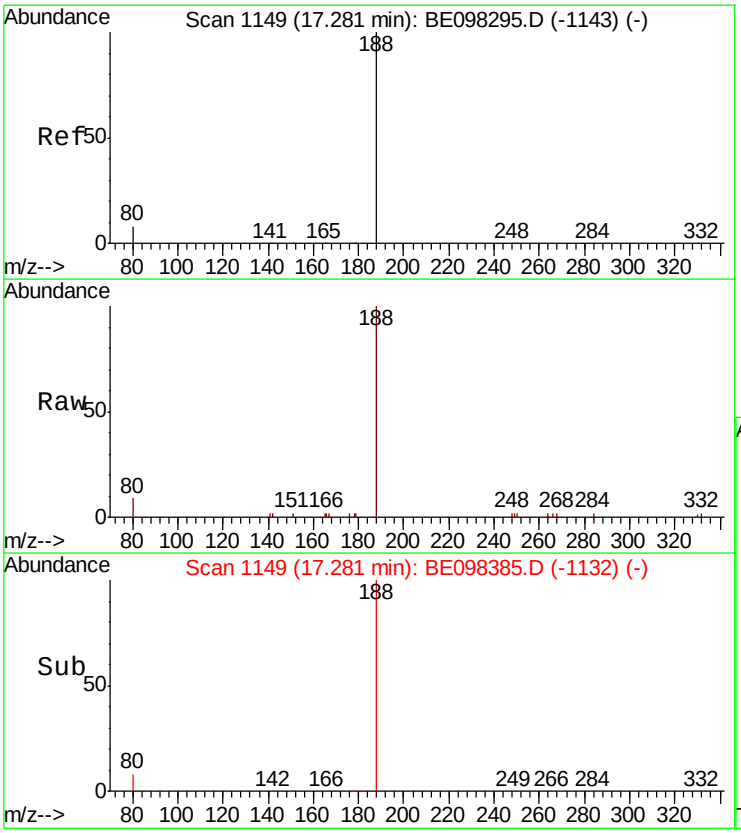
#15
2-Fluorobiphenyl
Concen: 0.408 ng
RT: 13.15 min Scan# 828
Delta R.T. -0.00 min
Lab File: BE098385.D
Acq: 13 Dec 2018 5:54

Instrument :
BNA_E
ClientSampleId :
RE-131D3-20181205

Tgt Ion:172 Resp: 4940

Ion	Ratio	Lower	Upper
172	100		
171	36.0	27.5	41.3
170	26.2	19.6	29.4

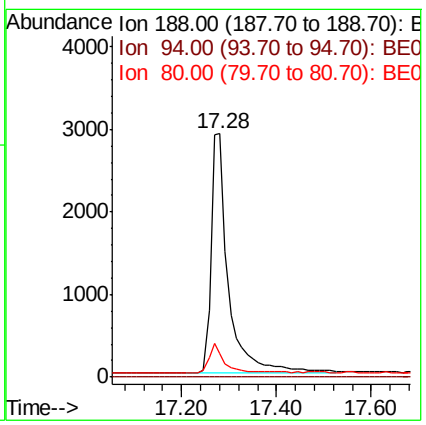


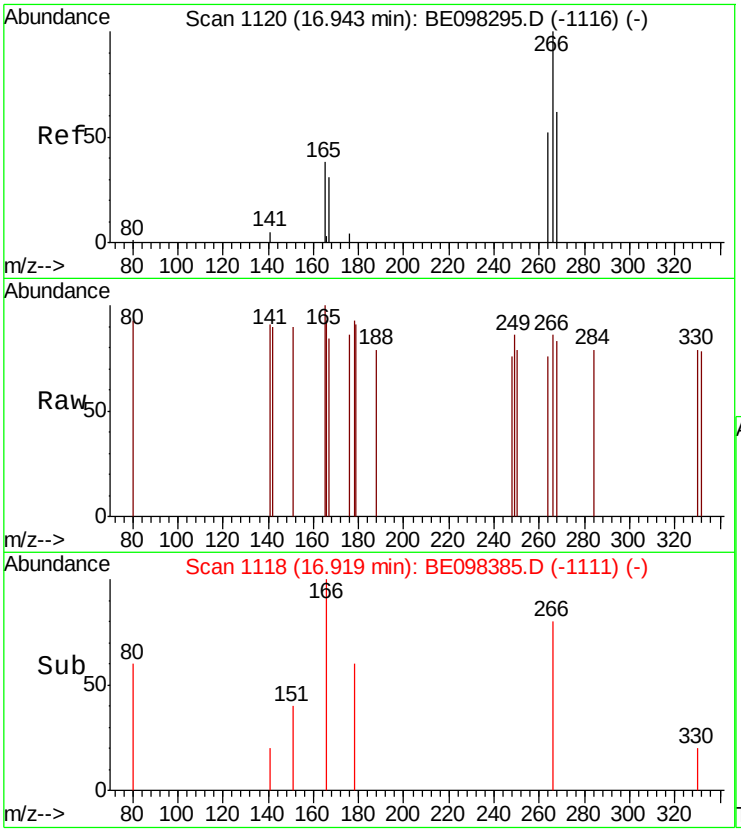


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.28 min Scan# 1149
Delta R.T. -0.00 min
Lab File: BE098385.D
Acq: 13 Dec 2018 5:54

Tgt Ion:188 Resp: 7595

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	9.5	7.2	10.8



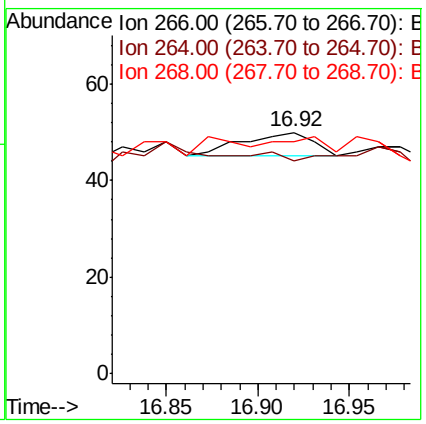


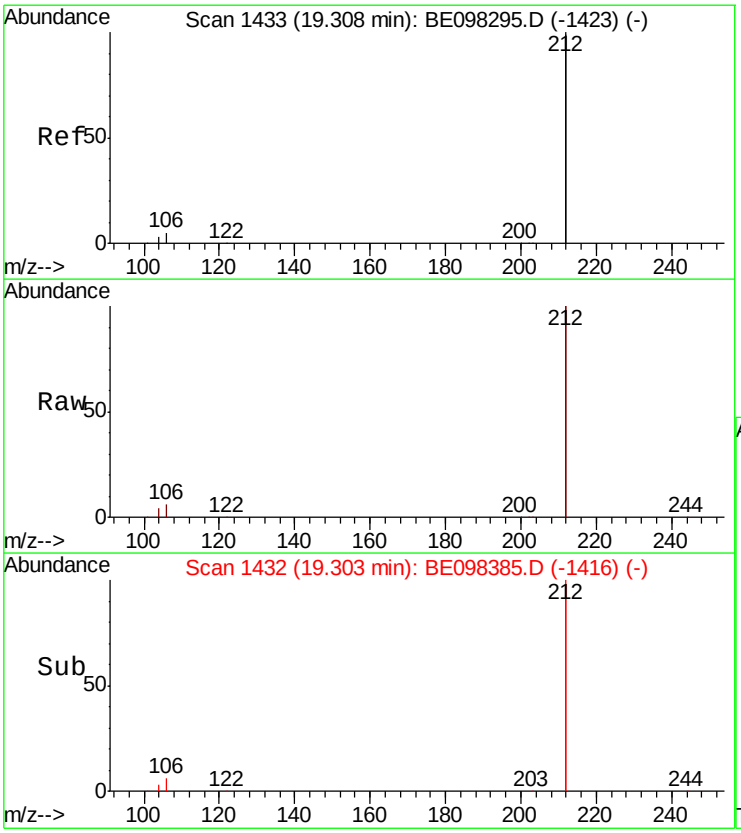
#22
Pentachlorophenol
Concen: 0.035 ng
RT: 16.92 min Scan# 1118
Delta R.T. -0.02 min
Lab File: BE098385.D
Acq: 13 Dec 2018 5:54

Instrument :
BNA_E
ClientSampleId :
RE-131D3-20181205

Tgt Ion:266 Resp: 13

Ion	Ratio	Lower	Upper
266	100		
264	88.0	59.0	88.4
268	96.0	55.1	82.7#

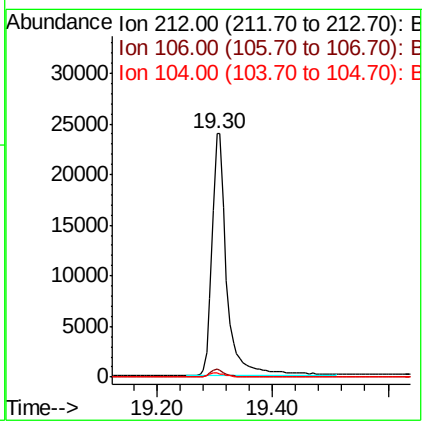


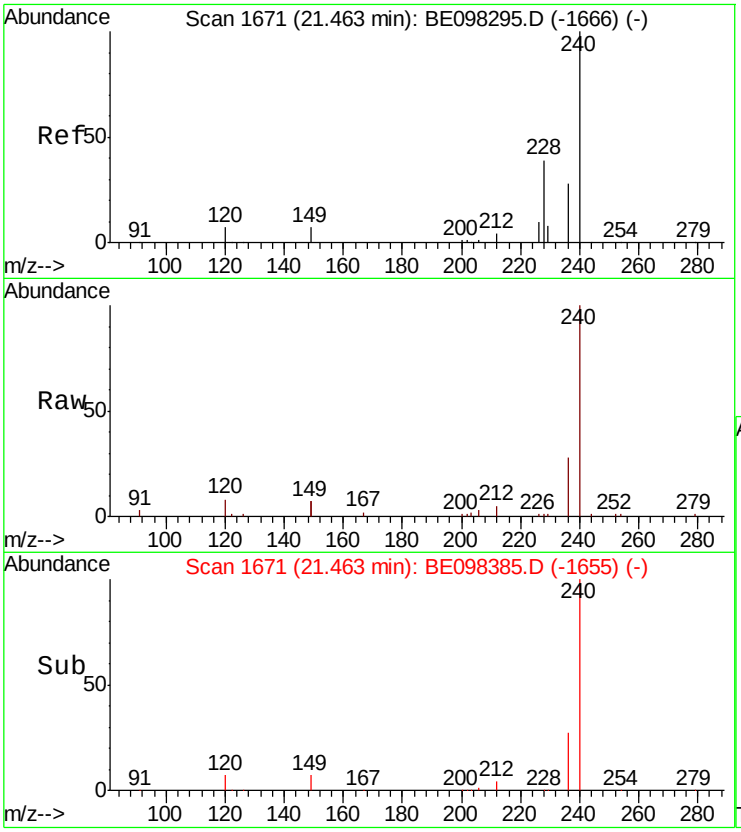


#25
Fluoranthene-d10
Concen: 0.434 ng
RT: 19.30 min Scan# 1432
Delta R.T. -0.01 min
Lab File: BE098385.D
Acq: 13 Dec 2018 5:54

Tgt Ion:212 Resp: 42288

Ion	Ratio	Lower	Upper
212	100		
106	2.7	2.2	3.2
104	1.5	1.3	1.9



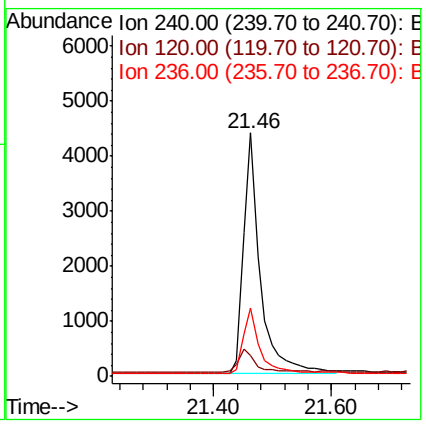


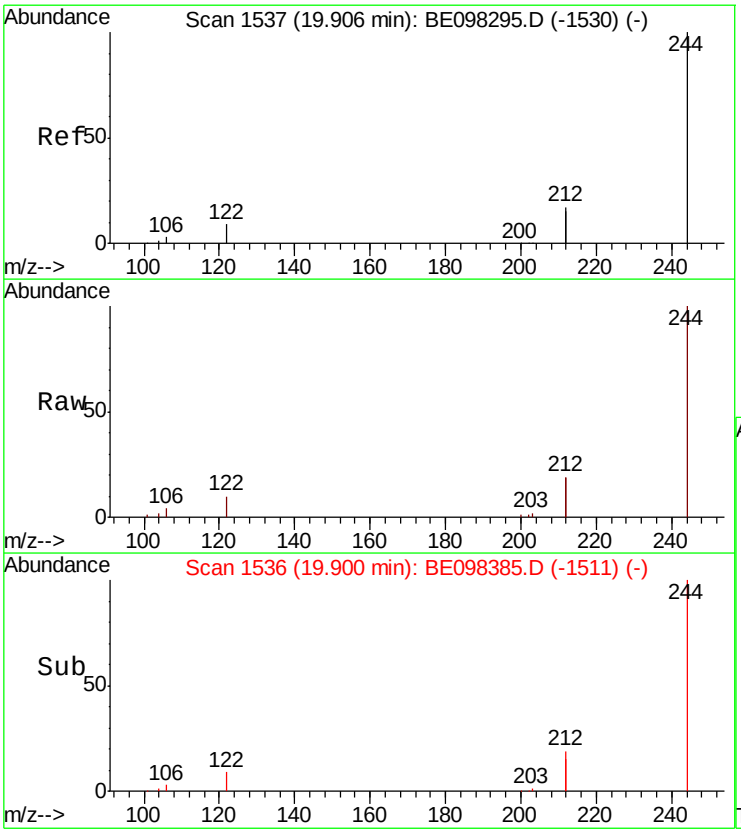
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.46 min Scan# 1671
Delta R.T. -0.00 min
Lab File: BE098385.D
Acq: 13 Dec 2018 5:54

Instrument :
BNA_E
ClientSampleId :
RE-131D3-20181205

Tgt Ion:240 Resp: 8763

Ion	Ratio	Lower	Upper
240	100		
120	8.3	9.5	14.3#
236	28.0	22.7	34.1

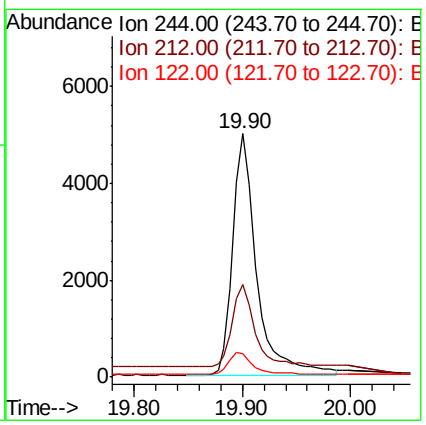


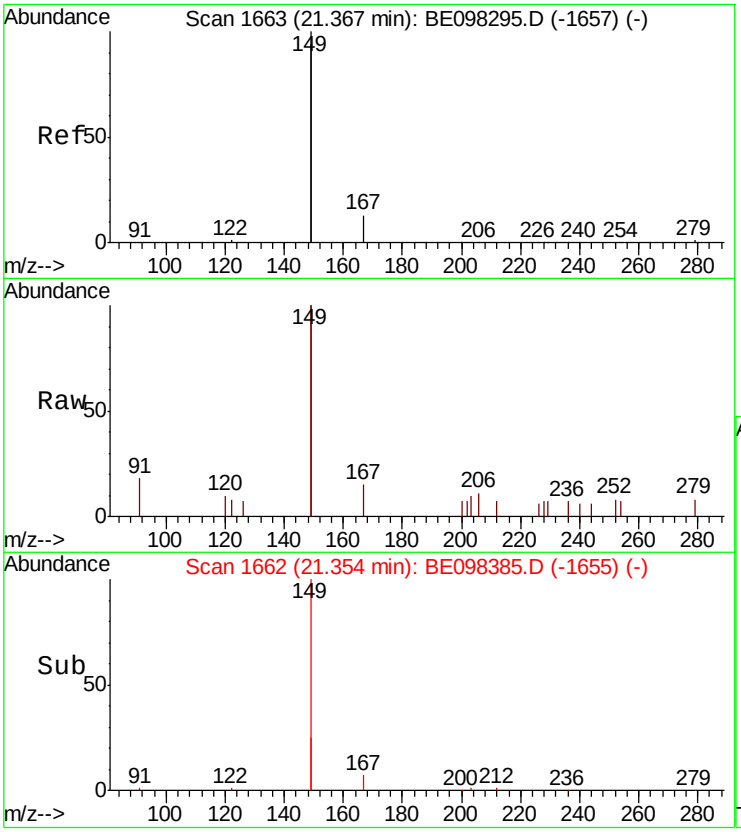


#29
Terphenyl-d14
Concen: 0.355 ng
RT: 19.90 min Scan# 1536
Delta R.T. -0.01 min
Lab File: BE098385.D
Acq: 13 Dec 2018 5:54

Tgt Ion:244 Resp: 7551

Ion	Ratio	Lower	Upper
244	100		
212	37.9	27.4	41.0
122	9.6	8.3	12.5



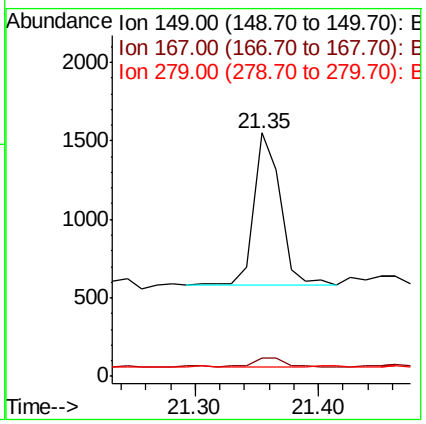


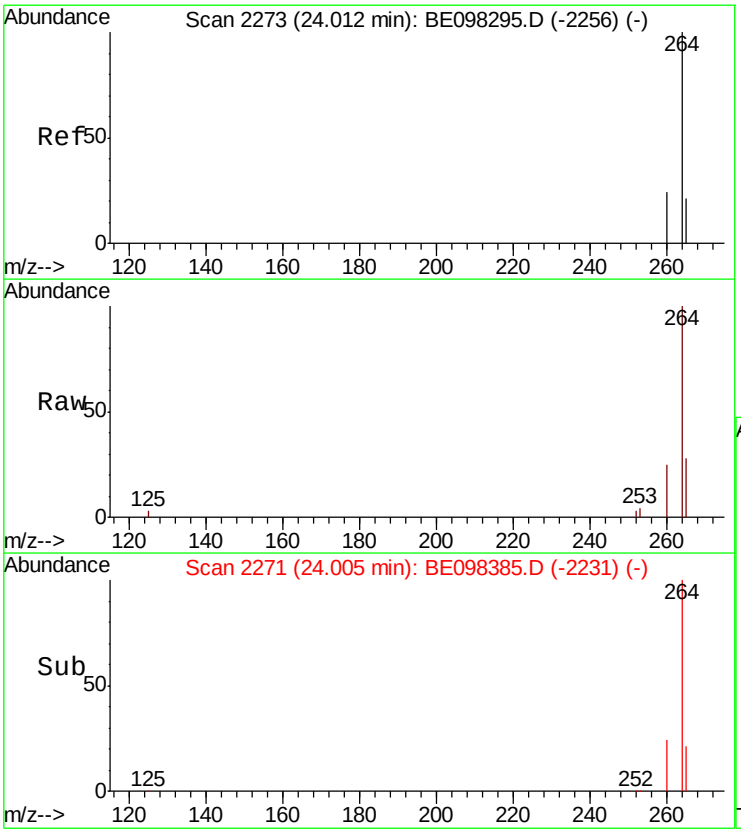
#32
Bis(2-ethylhexyl)phthalate
Concen: 0.029 ng
RT: 21.35 min Scan# 1662
Delta R.T. -0.01 min
Lab File: BE098385.D
Acq: 13 Dec 2018 5:54

Instrument :
BNA_E
ClientSampleId :
RE-131D3-20181205

Tgt Ion:149 Resp: 1447

Ion	Ratio	Lower	Upper
149	100		
167	6.4	5.7	8.5
279	0.0	1.0	1.4#





#34
Perylene-d12
Concen: 0.400 ng
RT: 24.01 min Scan# 2271
Delta R.T. -0.01 min
Lab File: BE098385.D
Acq: 13 Dec 2018 5:54

Tgt Ion:264 Resp: 8449

Ion	Ratio	Lower	Upper
264	100		
260	25.5	20.2	30.2
265	28.0	25.2	37.8