Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE121218\
Data File : BE098373.D
Acq On : 12 Dec 2018 22:30
Operator : SJ/JU
Sample : J6324-08
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : RE-109D3-20181206

Quant Time: Dec 13 05:53:35 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	1115	0.40	ng		0.00
7) Naphthalene-d8	10.67	136	4843	0.40	ng		0.00
13) Acenaphthene-d10	14.53	164	3268	0.40	ng		0.00
19) Phenanthrene-d10	17.27	188	8732	0.40	ng		-0.01
27) Chrysene-d12	21.46	240	10264	0.40	ng		0.00
34) Perylene-d12	24.00	264	9860	0.40	ng		-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.46	112	558	0.21	ng		0.01
5) Phenol-d6	7.05	99	433	0.12	ng		0.00
8) Nitrobenzene-d5	9.04	82	1533	0.35	ng		0.03
11) 2-Methylnaphthalene-d10	12.27	152	3203	0.41	ng		0.00
14) 2,4,6-Tribromophenol	16.02	330	572	0.48	ng		0.00
15) 2-Fluorobiphenyl	13.15	172	5096	0.37	ng		0.00
25) Fluoranthene-d10	19.30	212	48943	0.44	ng		0.00
29) Terphenyl-d14	19.90	244	8624	0.35	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.36	88	6487	3.364	ng		98
3) n-Nitrosodimethylamine	3.73	42	43	0.025	ng	#	100
6) bis(2-Chloroethyl)ether	7.29	93	119	0.034	ng	#	31
22) Pentachlorophenol	16.93	266	24	0.047	ng	#	70
32) Bis(2-ethylhexyl)phthalate	21.35	149	6267	0.106	ng	#	99

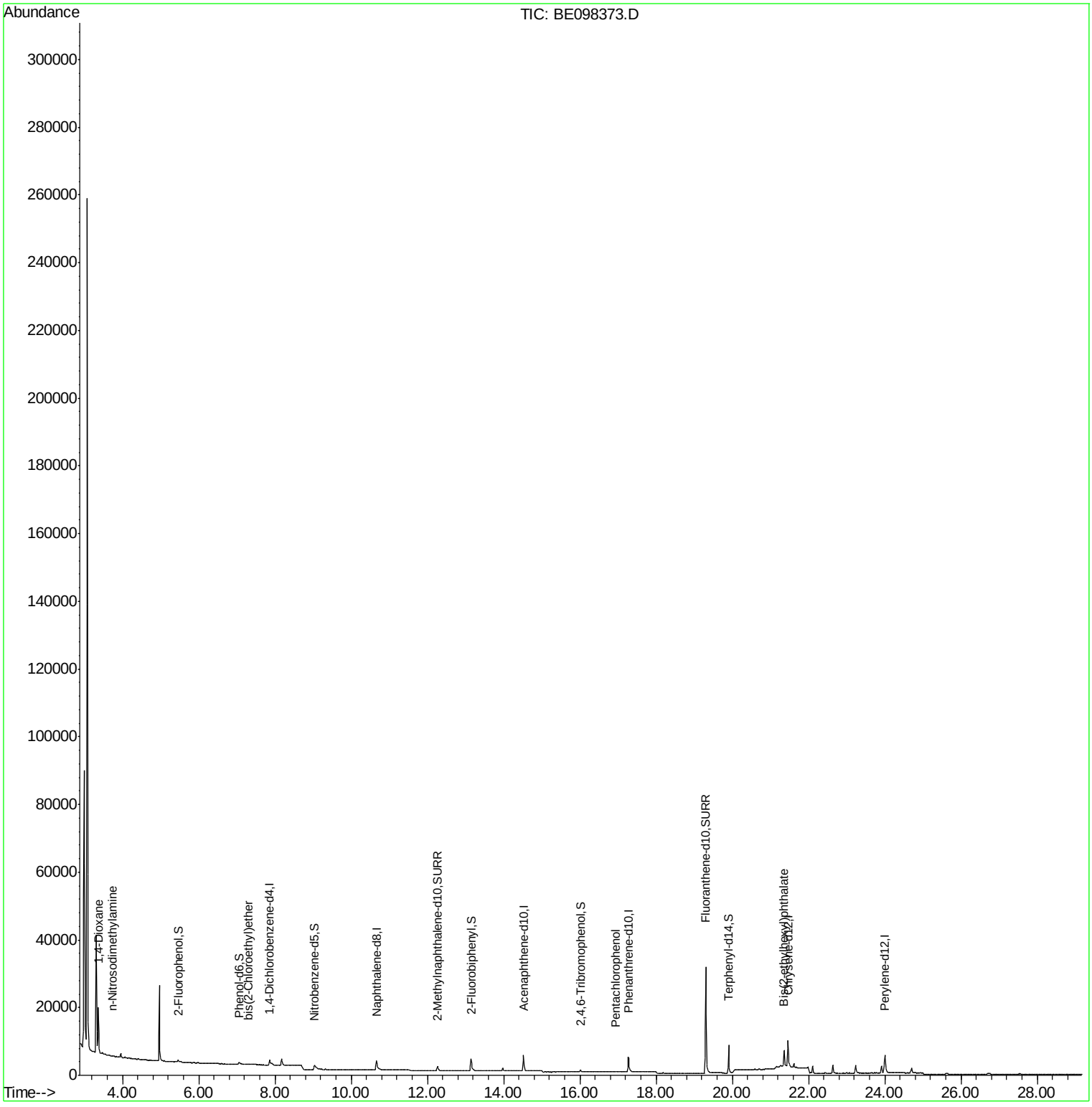
(#) = qualifier out of range (m) = manual integration (+) = signals summed

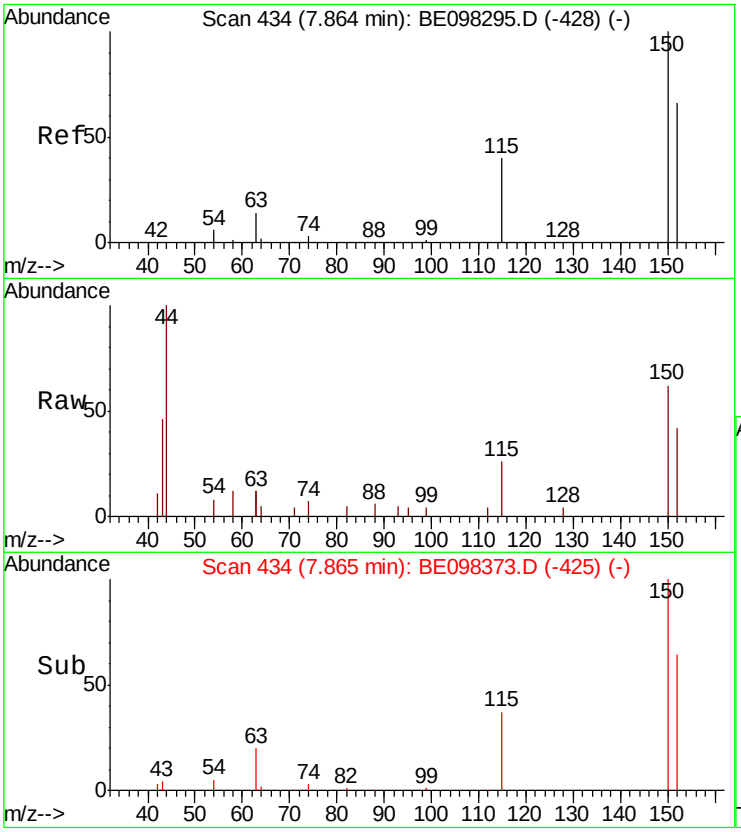
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE121218\
Data File : BE098373.D
Acq On : 12 Dec 2018 22:30
Operator : SJ/JU
Sample : J6324-08
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
RE-109D3-20181206

Quant Time: Dec 13 05:53:35 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



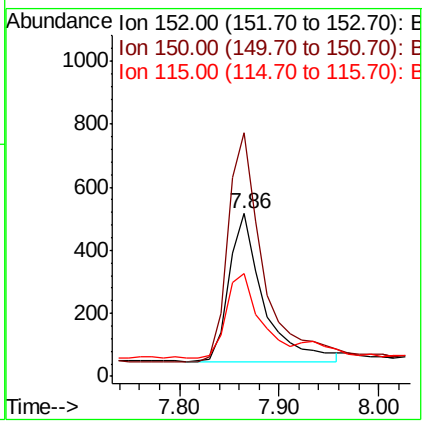


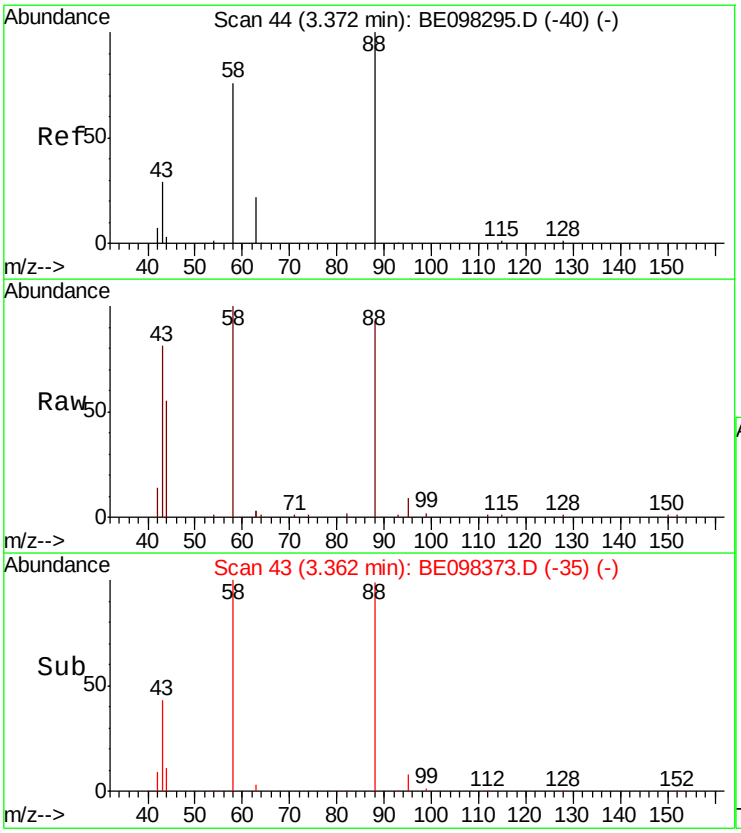
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.86 min Scan# 434
Delta R.T. 0.00 min
Lab File: BE098373.D
Acq: 12 Dec 2018 22:30

Instrument :
BNA_E
ClientSampleId :
RE-109D3-20181206

Tgt Ion:152 Resp: 1115

Ion	Ratio	Lower	Upper
152	100		
150	149.6	124.2	186.4
115	63.6	53.9	80.9

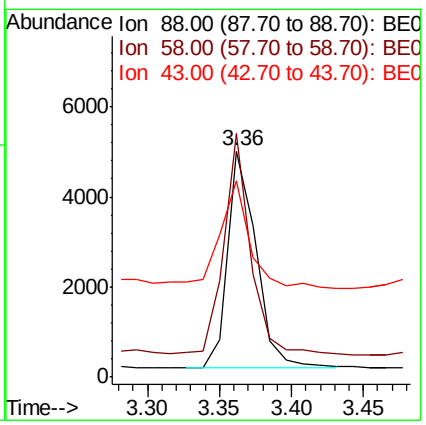


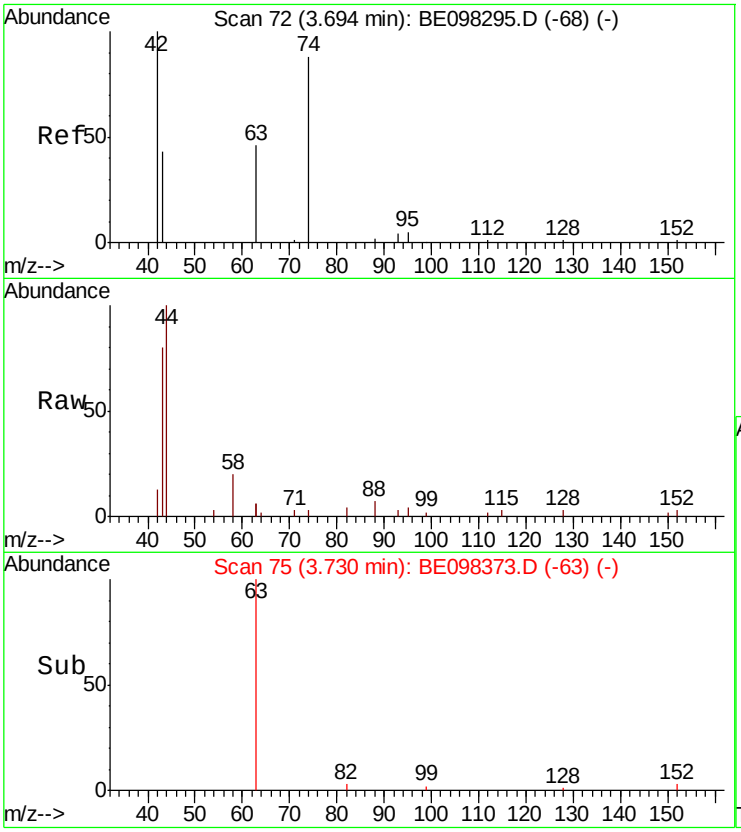


#2
1,4-Dioxane
Concen: 3.364 ng
RT: 3.36 min Scan# 43
Delta R.T. -0.01 min
Lab File: BE098373.D
Acq: 12 Dec 2018 22:30

Tgt Ion: 88 Resp: 6487

Ion	Ratio	Lower	Upper
88	100		
58	94.1	75.0	112.6
43	51.1	38.3	57.5



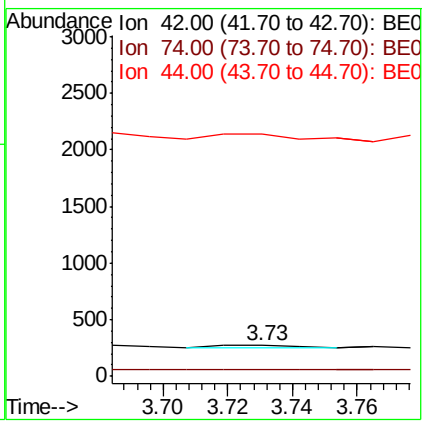


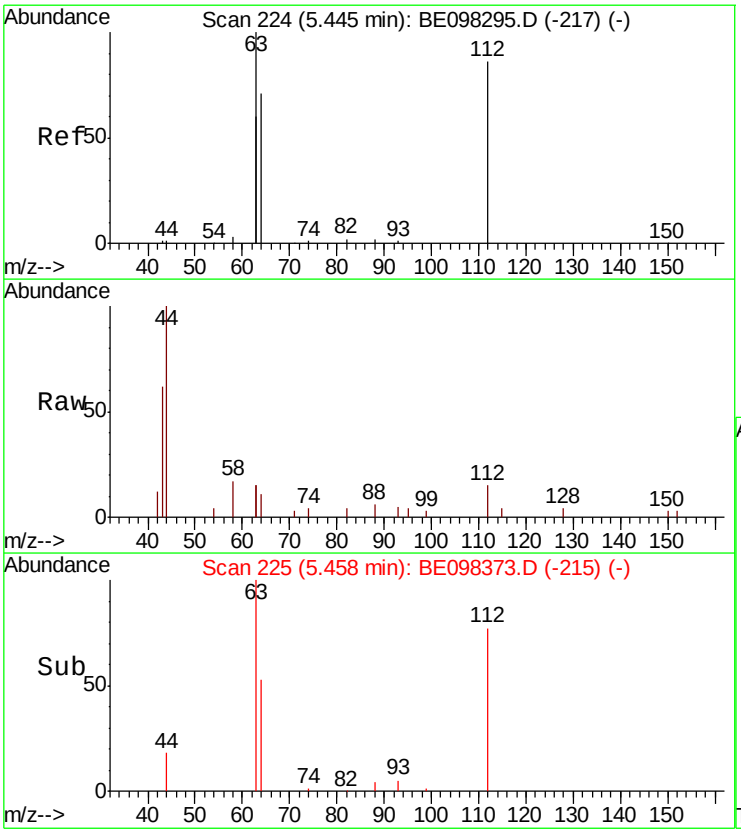
#3
n-Nitrosodimethylamine
Concen: 0.025 ng
RT: 3.73 min Scan# 75
Delta R.T. 0.04 min
Lab File: BE098373.D
Acq: 12 Dec 2018 22:30

Instrument :
BNA_E
ClientSampleId :
RE-109D3-20181206

Tgt Ion: 42 Resp: 43

Ion	Ratio	Lower	Upper
42	100		
74	0.0	0.0	0.0
44	153.5	0.0	0.0#

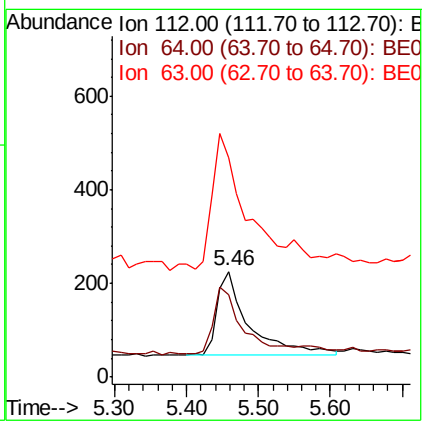


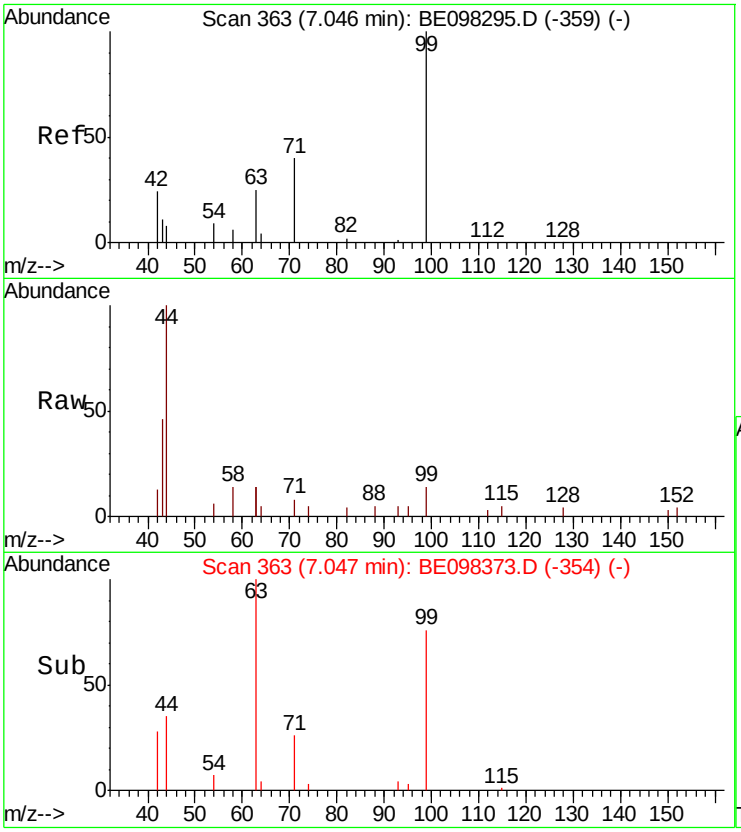


#4
2-Fluorophenol
Concen: 0.214 ng
RT: 5.46 min Scan# 225
Delta R.T. 0.01 min
Lab File: BE098373.D
Acq: 12 Dec 2018 22:30

Tgt Ion:112 Resp: 558

Ion	Ratio	Lower	Upper
112	100		
64	69.4	59.8	89.8
63	194.6	133.7	200.5



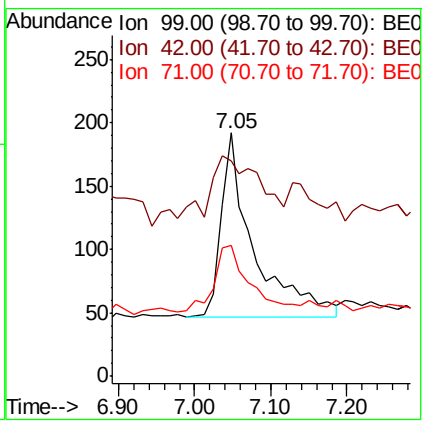


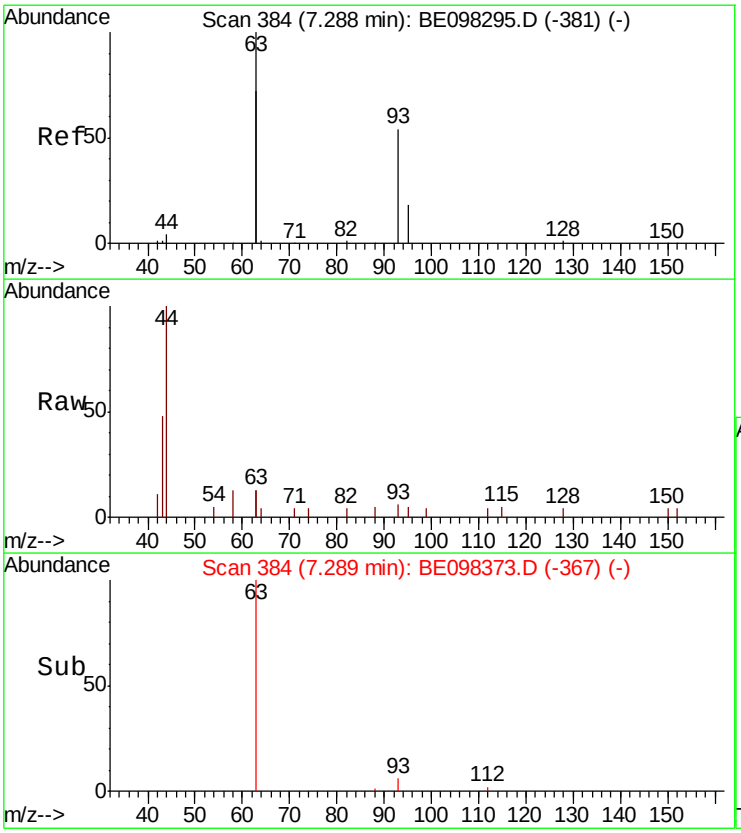
#5
Phenol-d6
Concen: 0.117 ng
RT: 7.05 min Scan# 363
Delta R.T. 0.00 min
Lab File: BE098373.D
Acq: 12 Dec 2018 22:30

Instrument :
BNA_E
ClientSampleId :
RE-109D3-20181206

Tgt Ion: 99 Resp: 433

Ion	Ratio	Lower	Upper
99	100		
42	50.8	26.3	39.5#
71	39.3	33.6	50.4

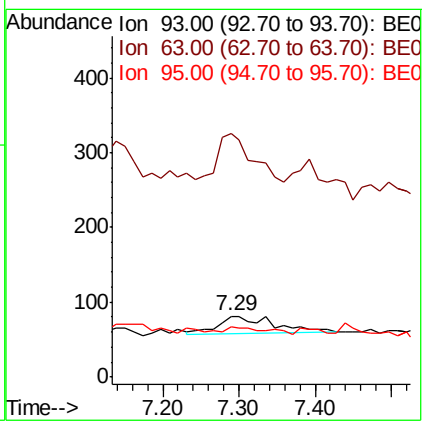


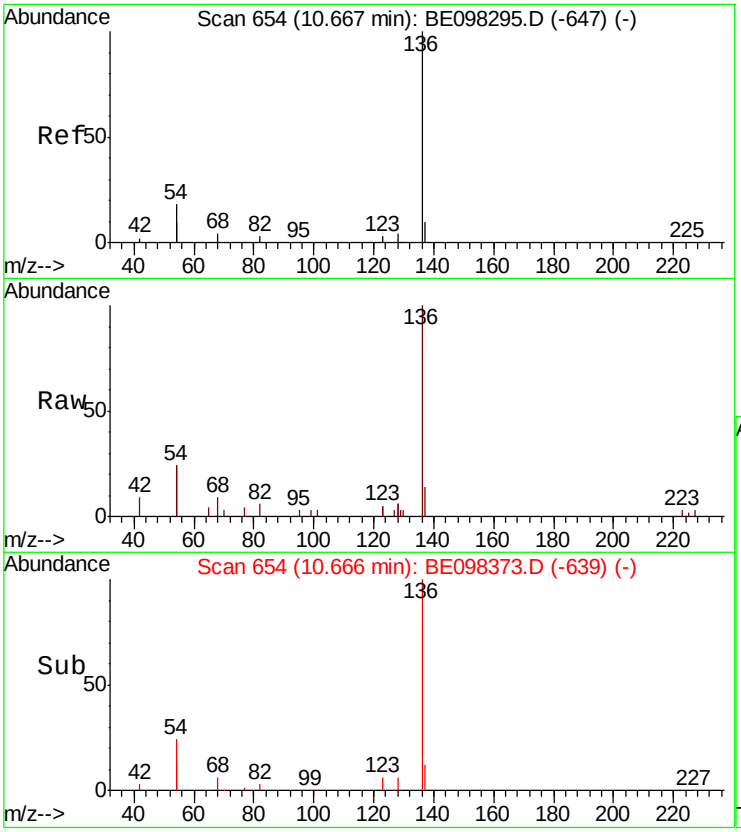


#6
bis(2-Chloroethyl)ether
Concen: 0.034 ng
RT: 7.29 min Scan# 384
Delta R.T. 0.00 min
Lab File: BE098373.D
Acq: 12 Dec 2018 22:30

Tgt Ion: 93 Resp: 119

Ion	Ratio	Lower	Upper
93	100		
63	173.1	264.4	396.6#
95	29.4	26.6	40.0



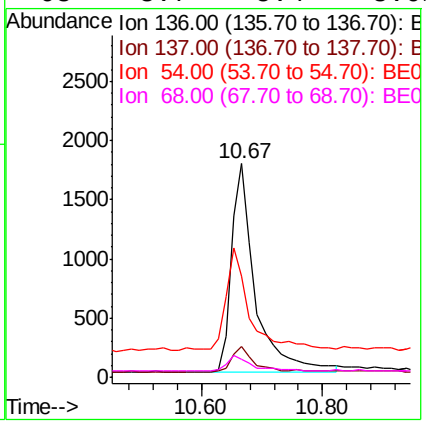


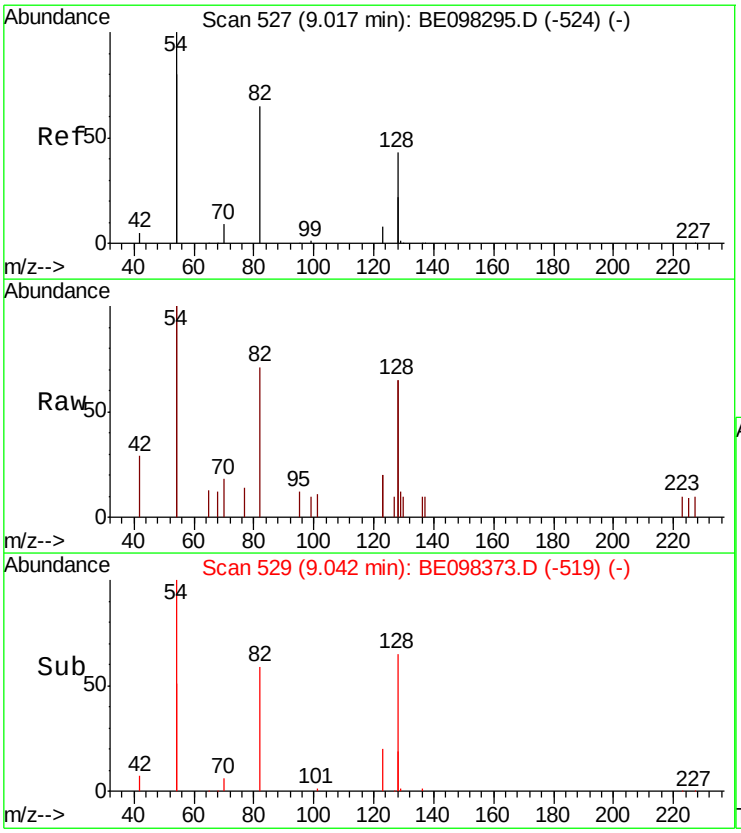
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.67 min Scan# 654
Delta R.T. -0.00 min
Lab File: BE098373.D
Acq: 12 Dec 2018 22:30

Instrument :
BNA_E
ClientSampleId :
RE-109D3-20181206

Tgt Ion:136 Resp: 4843

Ion	Ratio	Lower	Upper
136	100		
137	14.3	9.2	13.8#
54	47.4	28.4	42.6#
68	8.7	5.4	8.0#

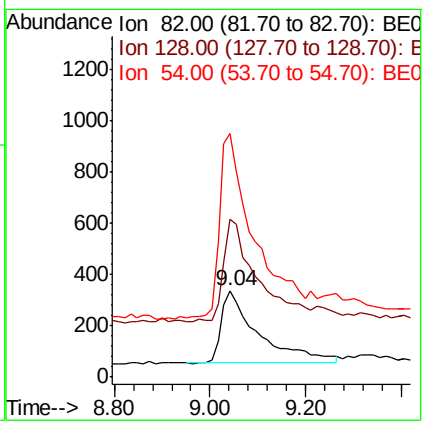


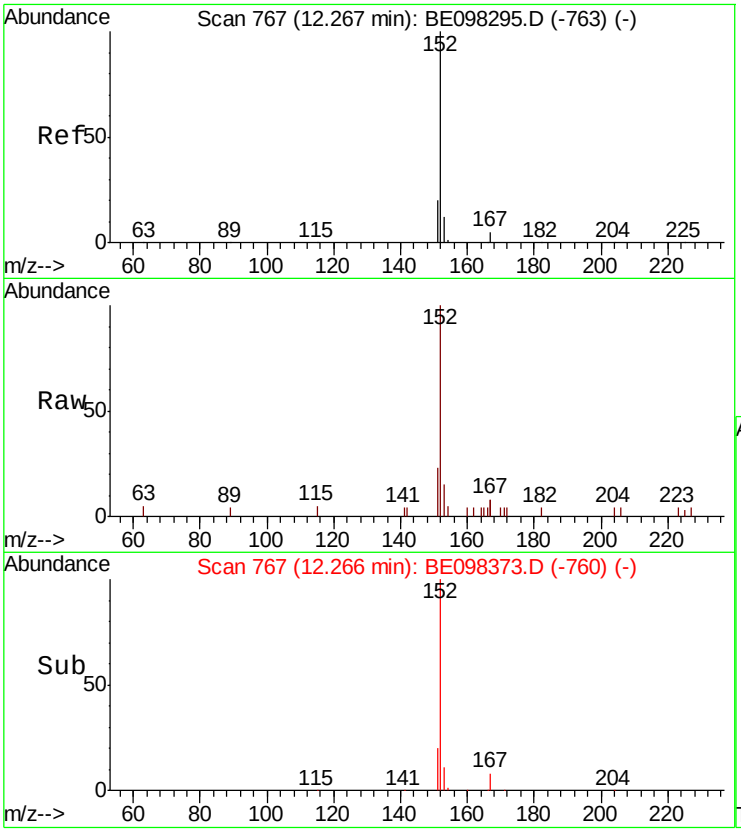


#8
Nitrobenzene-d5
Concen: 0.348 ng
RT: 9.04 min Scan# 529
Delta R.T. 0.03 min
Lab File: BE098373.D
Acq: 12 Dec 2018 22:30

Tgt Ion: 82 Resp: 1533

Ion	Ratio	Lower	Upper
82	100		
128	182.8	102.4	153.6#
54	281.1	221.8	332.8



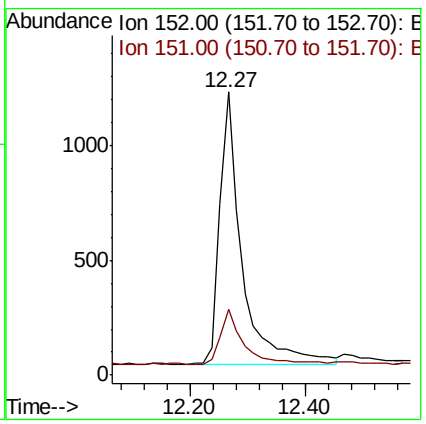


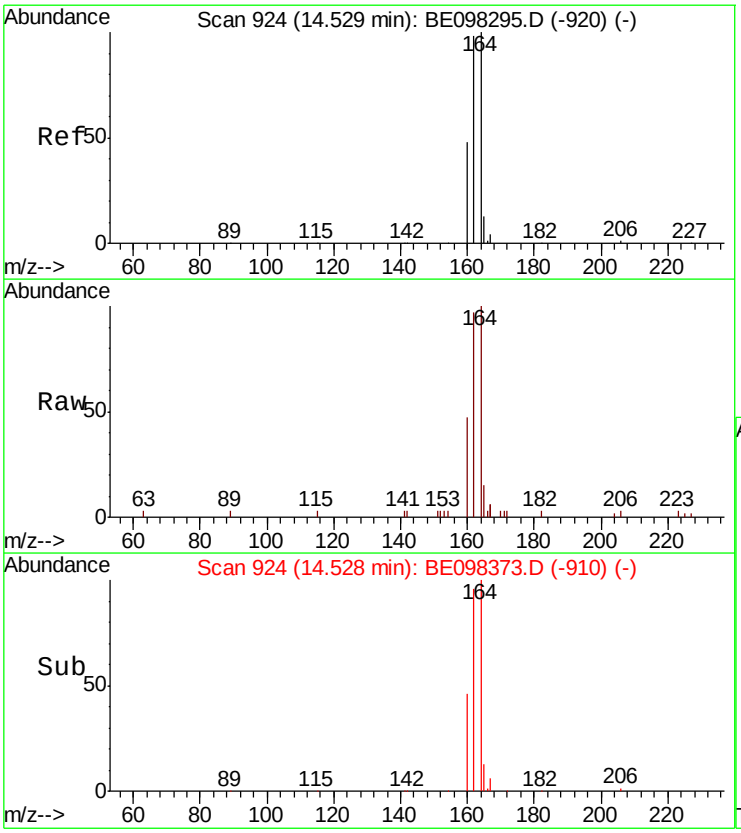
#11
2-Methylnaphthalene-d10
Concen: 0.407 ng
RT: 12.27 min Scan# 767
Delta R.T. -0.00 min
Lab File: BE098373.D
Acq: 12 Dec 2018 22:30

Instrument :
BNA_E
ClientSampleId :
RE-109D3-20181206

Tgt Ion:152 Resp: 3203

Ion	Ratio	Lower	Upper
152	100		
151	21.1	16.2	24.4

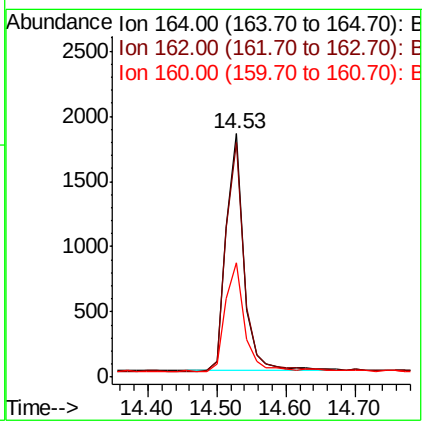


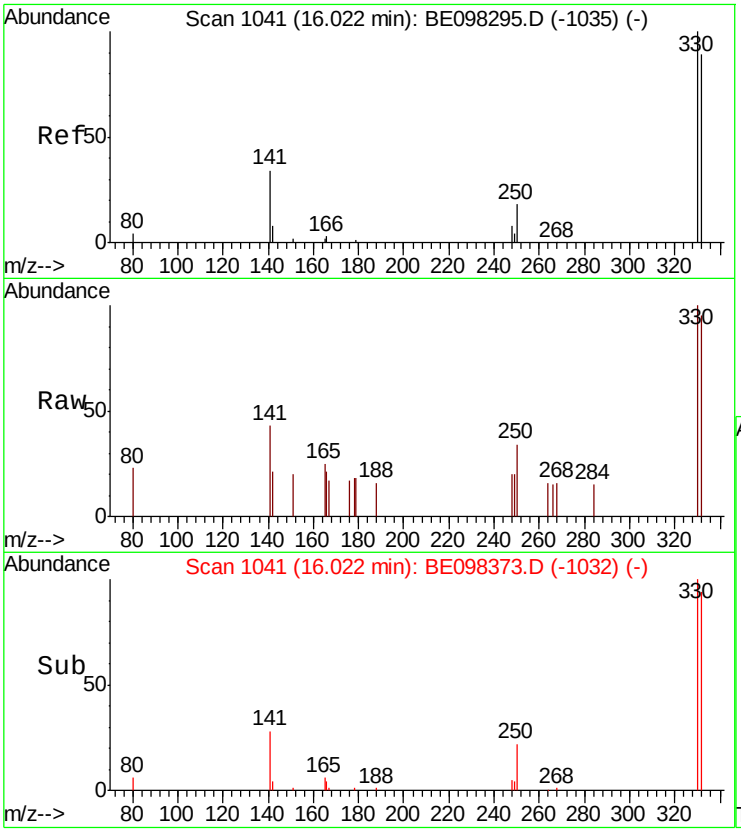


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.53 min Scan# 924
Delta R.T. -0.00 min
Lab File: BE098373.D
Acq: 12 Dec 2018 22:30

Tgt Ion:164 Resp: 3268

Ion	Ratio	Lower	Upper
164	100		
162	96.6	77.6	116.4
160	46.8	36.0	54.0



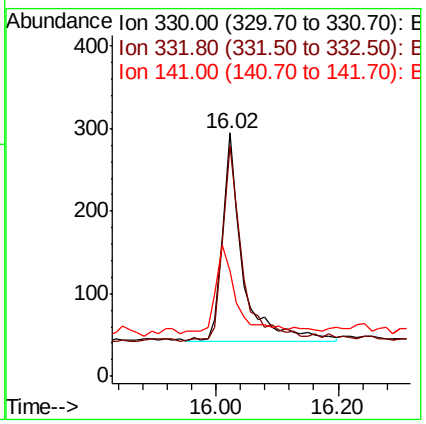


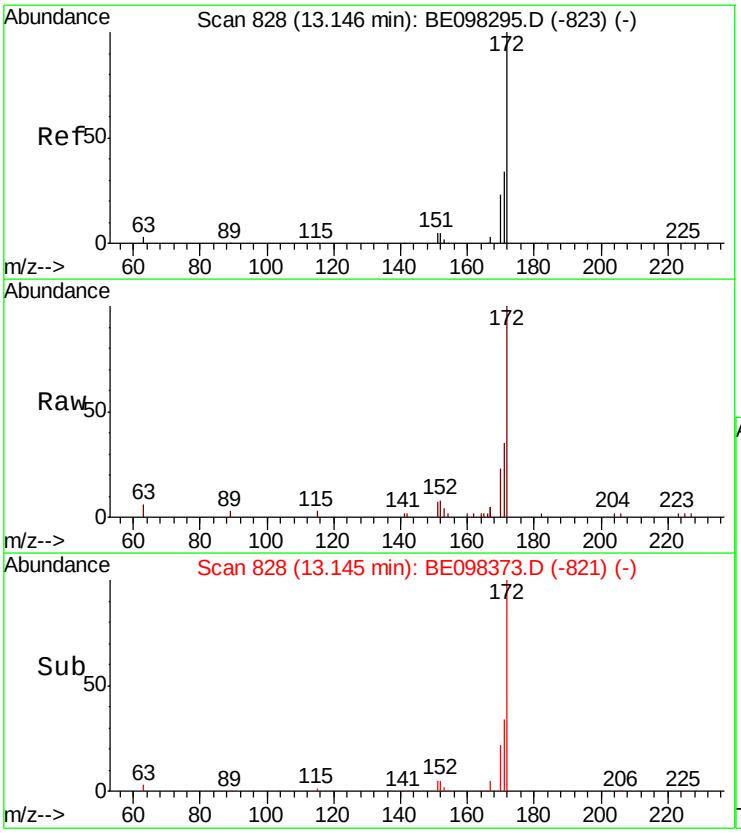
#14
2,4,6-Tribromophenol
Concen: 0.477 ng
RT: 16.02 min Scan# 1041
Delta R.T. -0.00 min
Lab File: BE098373.D
Acq: 12 Dec 2018 22:30

Instrument :
BNA_E
ClientSampleId :
RE-109D3-20181206

Tgt Ion:330 Resp: 572

Ion	Ratio	Lower	Upper
330	100		
332	93.0	76.2	114.4
141	39.5	39.0	58.4

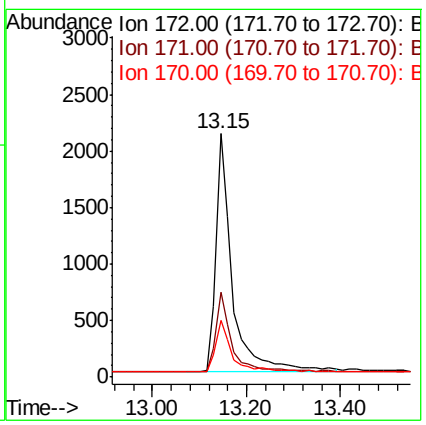


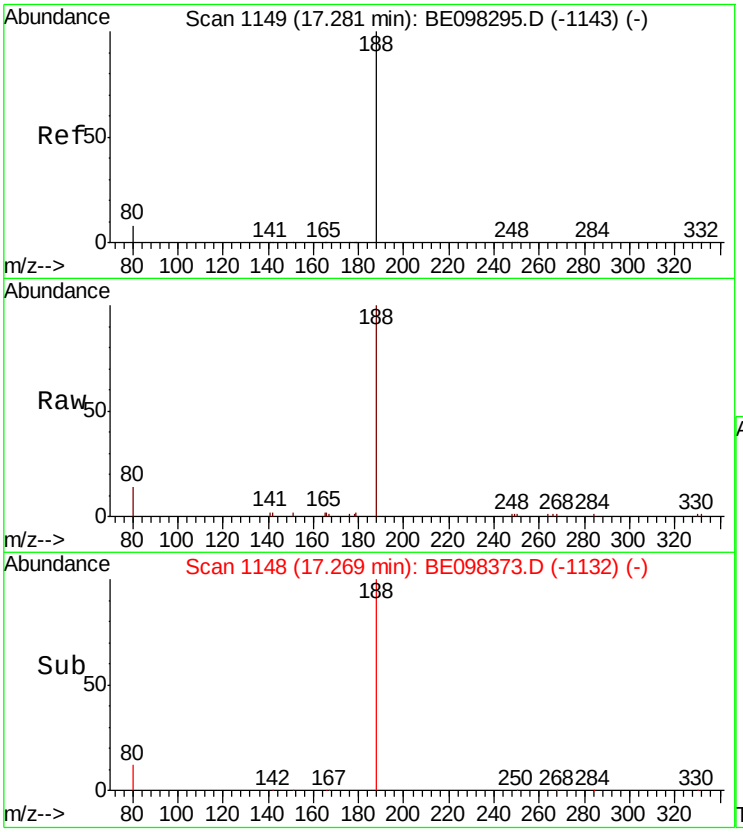


#15
2-Fluorobiphenyl
Concen: 0.370 ng
RT: 13.15 min Scan# 828
Delta R.T. -0.00 min
Lab File: BE098373.D
Acq: 12 Dec 2018 22:30

Tgt Ion:172 Resp: 5096

Ion	Ratio	Lower	Upper
172	100		
171	35.1	27.5	41.3
170	23.4	19.6	29.4



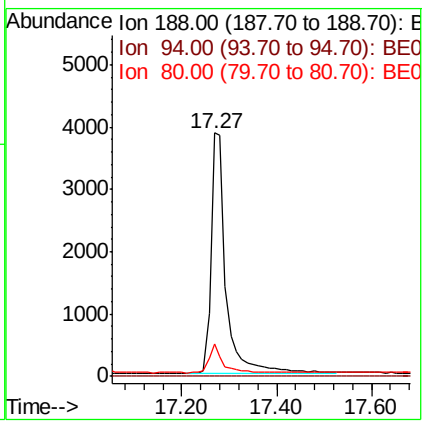


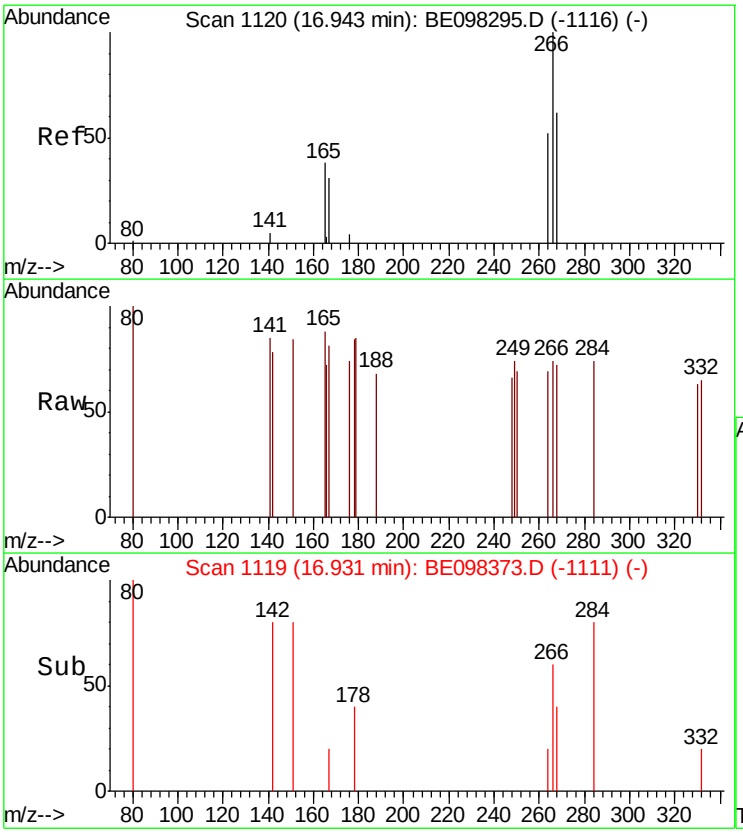
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.27 min Scan# 1148
Delta R.T. -0.01 min
Lab File: BE098373.D
Acq: 12 Dec 2018 22:30

Instrument :
BNA_E
ClientSampleId :
RE-109D3-20181206

Tgt Ion:188 Resp: 8732

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	13.5	7.2	10.8#

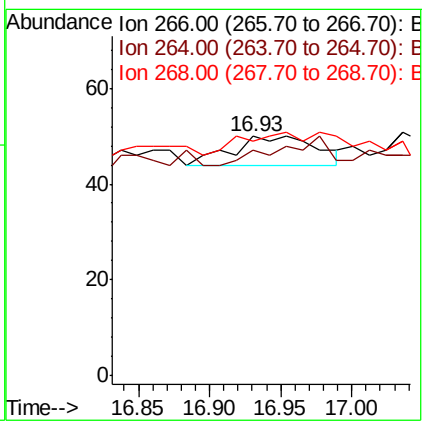


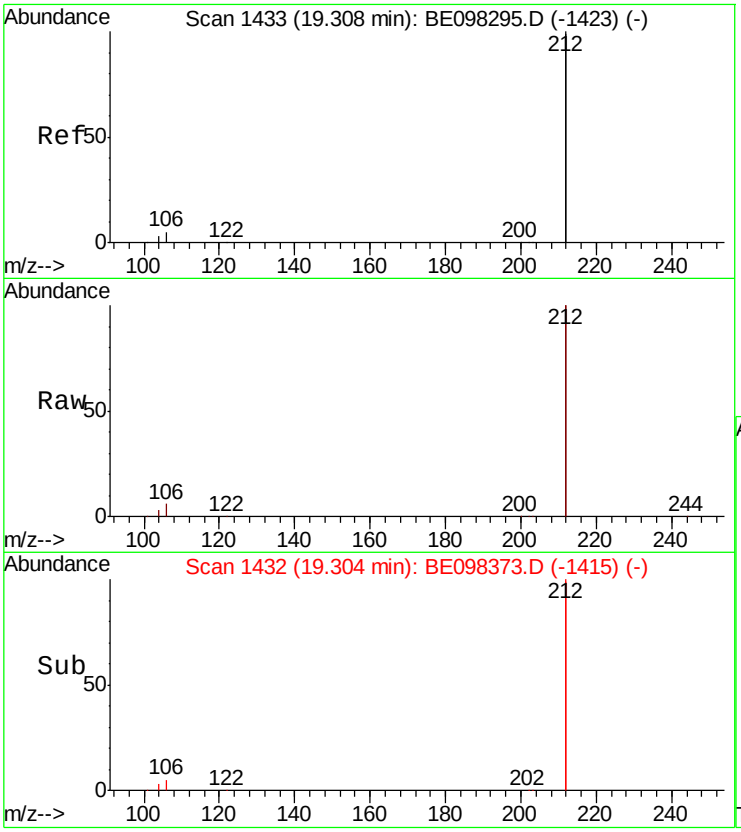


#22
Pentachlorophenol
Concen: 0.047 ng
RT: 16.93 min Scan# 1119
Delta R.T. -0.01 min
Lab File: BE098373.D
Acq: 12 Dec 2018 22:30

Tgt Ion:266 Resp: 24

Ion	Ratio	Lower	Upper
266	100		
264	94.0	59.0	88.4#
268	98.0	55.1	82.7#



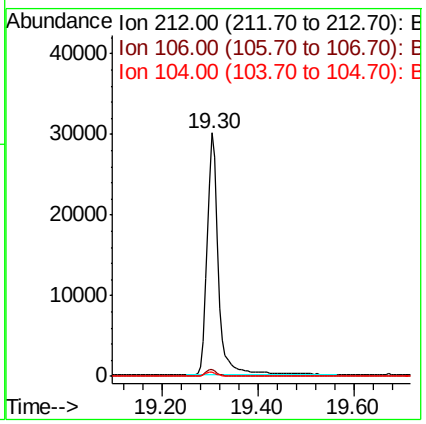


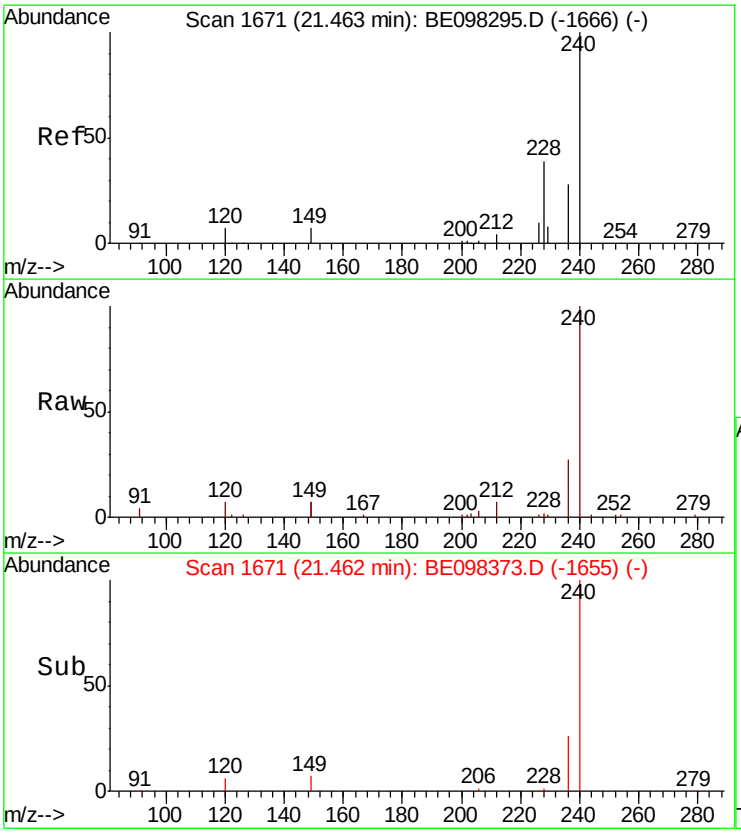
#25
Fluoranthene-d10
Concen: 0.437 ng
RT: 19.30 min Scan# 1432
Delta R.T. -0.00 min
Lab File: BE098373.D
Acq: 12 Dec 2018 22:30

Instrument :
BNA_E
ClientSampleId :
RE-109D3-20181206

Tgt Ion:212 Resp: 48943

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

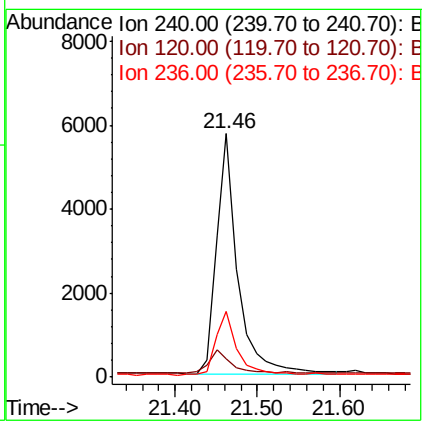


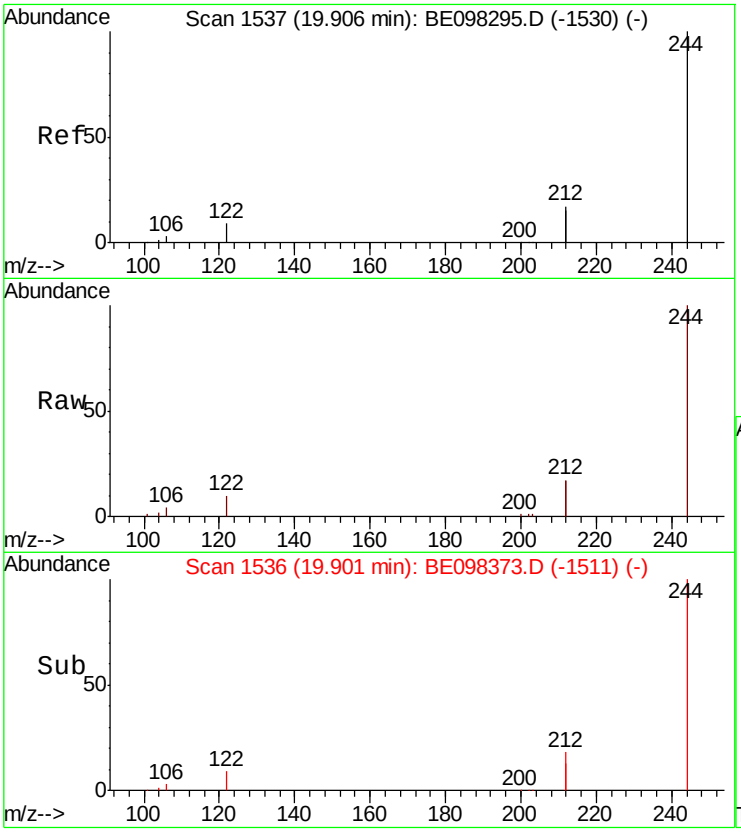


#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.46 min Scan# 1671
Delta R.T. -0.00 min
Lab File: BE098373.D
Acq: 12 Dec 2018 22:30

Tgt Ion:240 Resp: 10264

Ion	Ratio	Lower	Upper
240	100		
120	7.4	9.5	14.3#
236	27.0	22.7	34.1



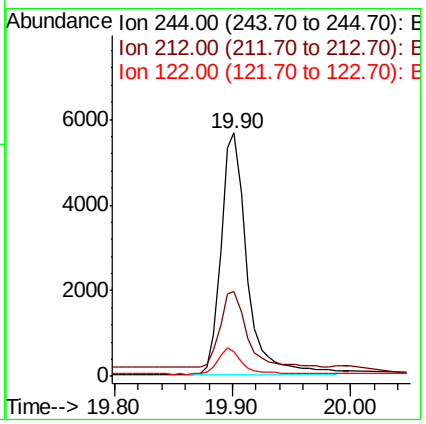


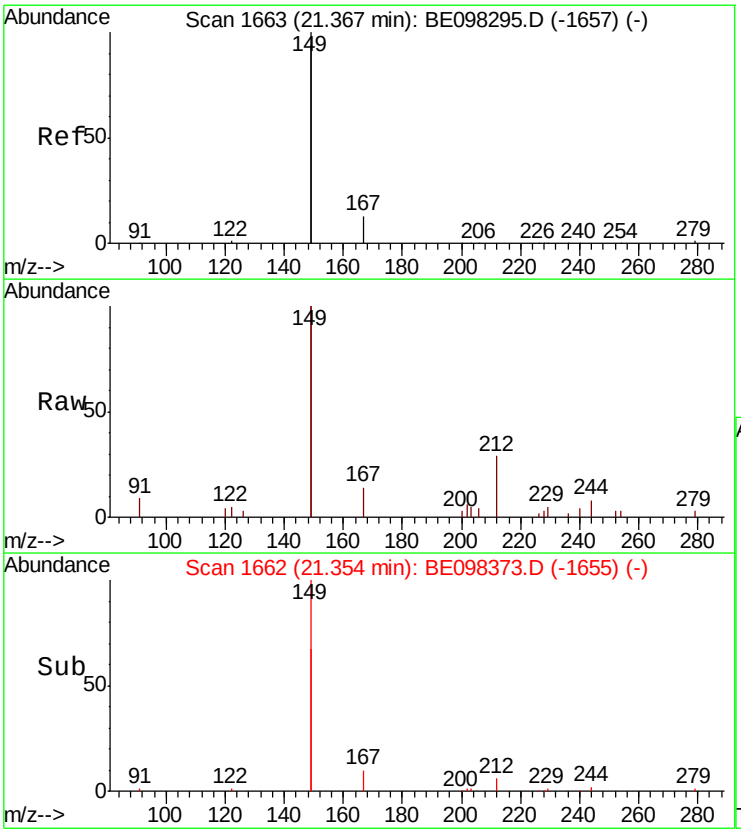
#29
Terphenyl-d14
Concen: 0.346 ng
RT: 19.90 min Scan# 1536
Delta R.T. -0.00 min
Lab File: BE098373.D
Acq: 12 Dec 2018 22:30

Instrument :
BNA_E
ClientSampleId :
RE-109D3-20181206

Tgt Ion:244 Resp: 8624

Ion	Ratio	Lower	Upper
244	100		
212	35.0	27.4	41.0
122	10.2	8.3	12.5

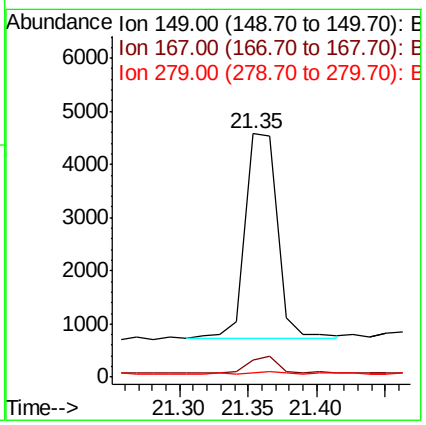


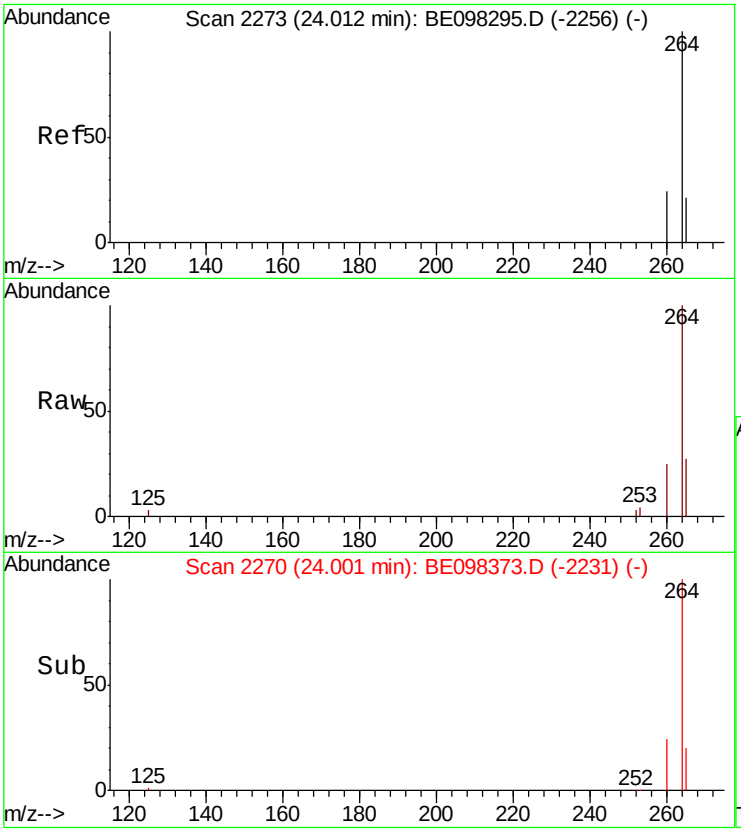


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.106 ng
RT: 21.35 min Scan# 1662
Delta R.T. -0.01 min
Lab File: BE098373.D
Acq: 12 Dec 2018 22:30

Tgt Ion:149 Resp: 6267

Ion	Ratio	Lower	Upper
149	100		
167	7.5	5.7	8.5
279	1.6	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: BE098373.D
Acq: 12 Dec 2018 22:30

Instrument :
BNA_E
ClientSampleId :
RE-109D3-20181206

Tgt Ion:264 Resp: 9860

Ion	Ratio	Lower	Upper
264	100		
260	25.5	20.2	30.2
265	27.0	25.2	37.8