Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE121318\
Data File : BE098403.D
Acq On : 13 Dec 2018 18:58
Operator : SJ/JU
Sample : J6323-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : RE-122D1-20181206

Quant Time: Dec 13 20:47:49 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	7.87	152	938	0.40	ng		0.00
7) Naphthalene-d8	10.67	136	3917	0.40	ng		0.00
13) Acenaphthene-d10	14.53	164	2459	0.40	ng		0.00
19) Phenanthrene-d10	17.27	188	7034	0.40	ng		-0.01
27) Chrysene-d12	21.46	240	8459	0.40	ng		0.00
34) Perylene-d12	24.00	264	7934	0.40	ng		-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.46	112	439	0.20	ng		0.01
5) Phenol-d6	7.04	99	375	0.12	ng		0.00
8) Nitrobenzene-d5	9.03	82	1405	0.39	ng		0.01
11) 2-Methylnaphthalene-d10	12.27	152	2709	0.43	ng		0.00
14) 2,4,6-Tribromophenol	16.02	330	552	0.61	ng		0.00
15) 2-Fluorobiphenyl	13.15	172	4847	0.47	ng		0.00
25) Fluoranthene-d10	19.30	212	41683	0.46	ng		0.00
29) Terphenyl-d14	19.90	244	7894	0.38	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.36	88	5091	3.138	ng	#	93
3) n-Nitrosodimethylamine	3.67	42	75	0.051	ng	#	100
6) bis(2-Chloroethyl)ether	7.29	93	91	0.031	ng	#	63
22) Pentachlorophenol	16.94	266	10	0.032	ng	#	73
26) Fluoranthene	19.33	202	494	0.022	ng		95
32) Bis(2-ethylhexyl)phthalate	21.35	149	3339	0.068	ng	#	98

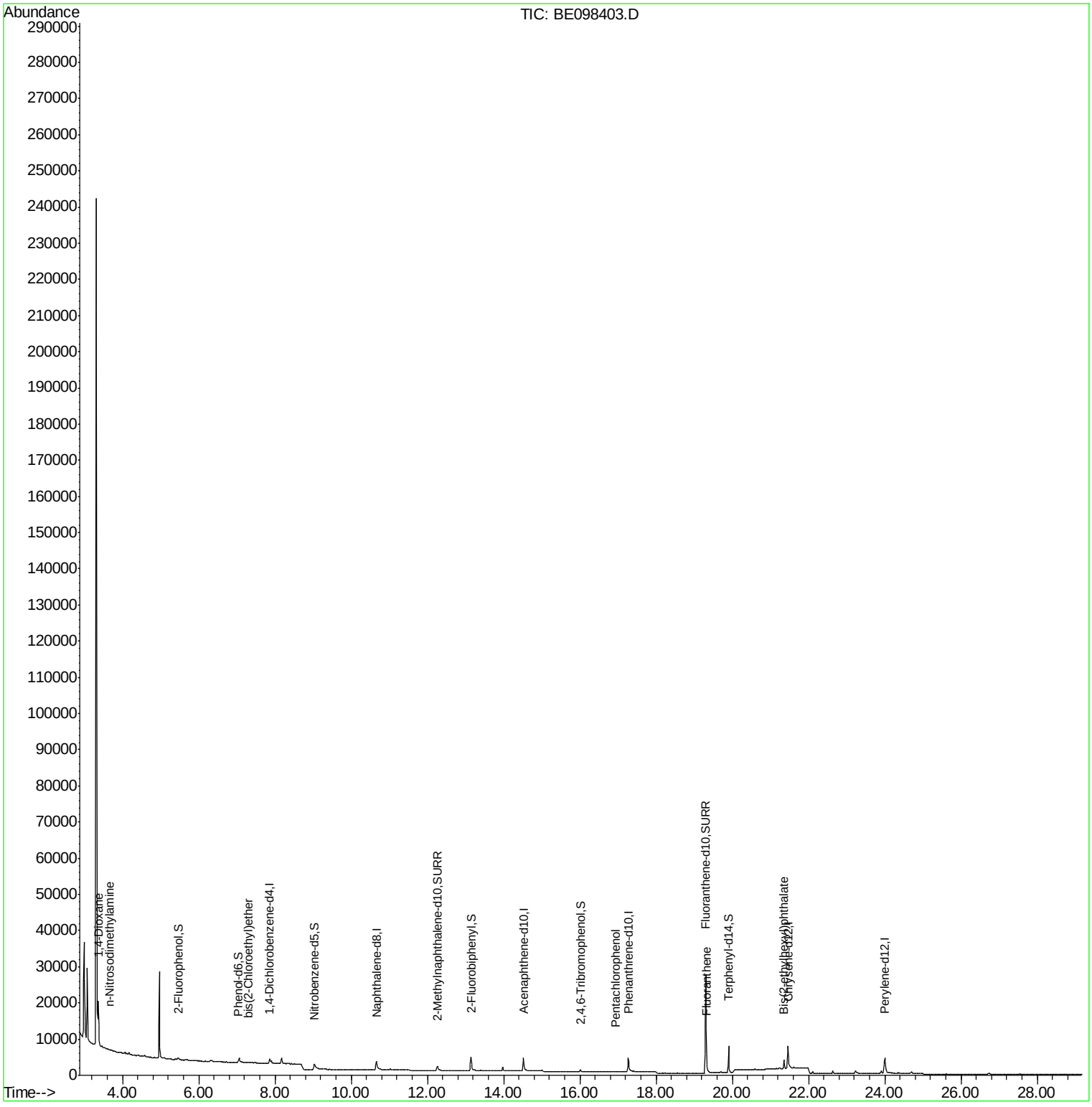
(#) = qualifier out of range (m) = manual integration (+) = signals summed

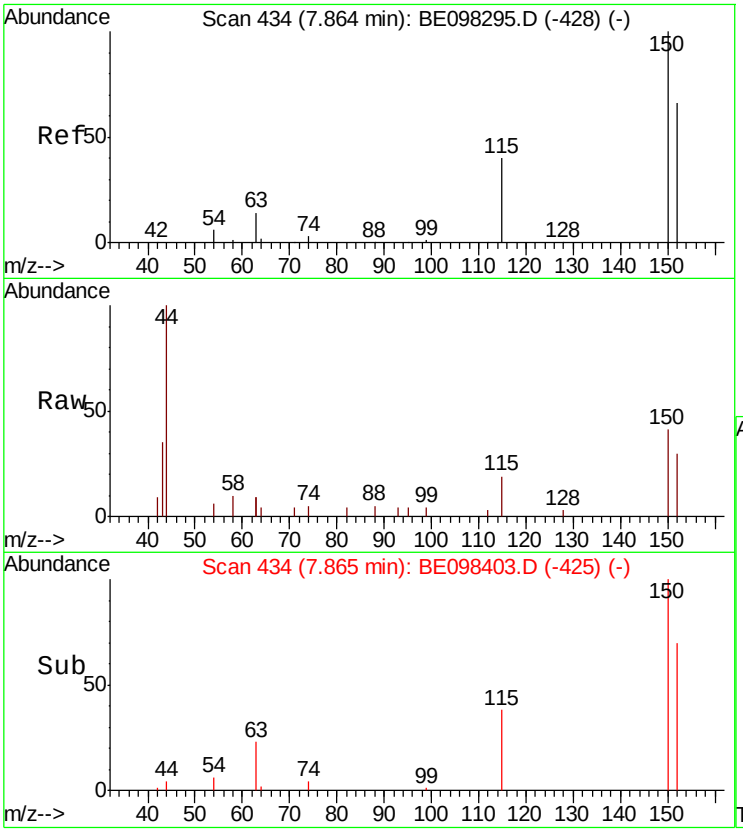
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE121318\
Data File : BE098403.D
Acq On : 13 Dec 2018 18:58
Operator : SJ/JU
Sample : J6323-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
RE-122D1-20181206

Quant Time: Dec 13 20:47:49 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



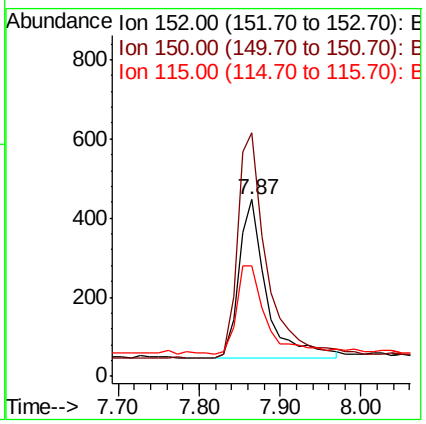


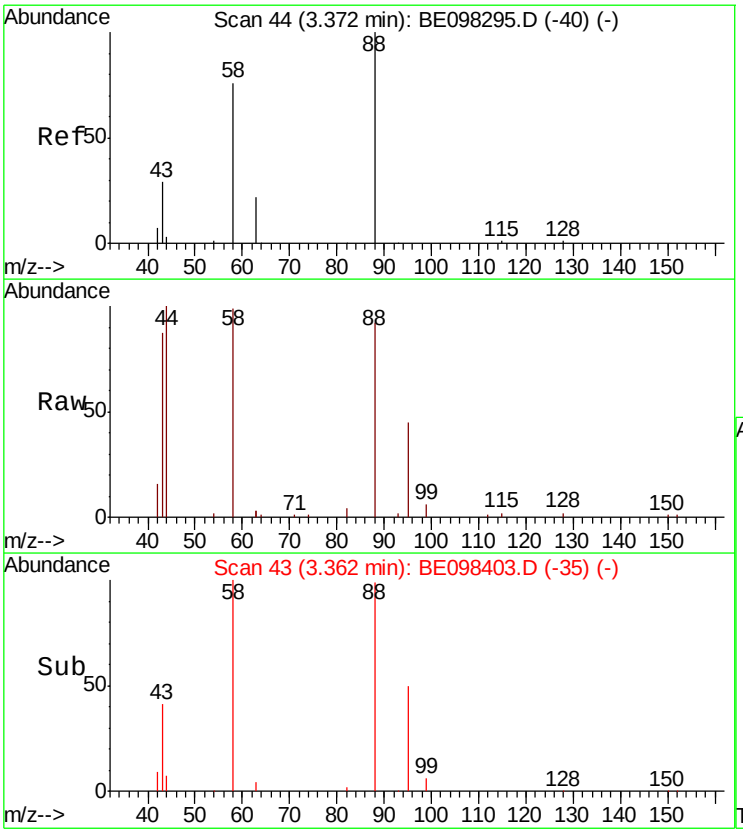
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.87 min Scan# 434
Delta R.T. 0.00 min
Lab File: BE098403.D
Acq: 13 Dec 2018 18:58

Instrument :
BNA_E
ClientSampleId :
RE-122D1-20181206

Tgt Ion:152 Resp: 938

Ion	Ratio	Lower	Upper
152	100		
150	137.9	124.2	186.4
115	62.8	53.9	80.9

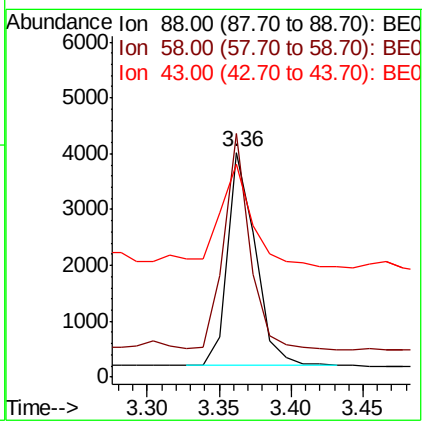


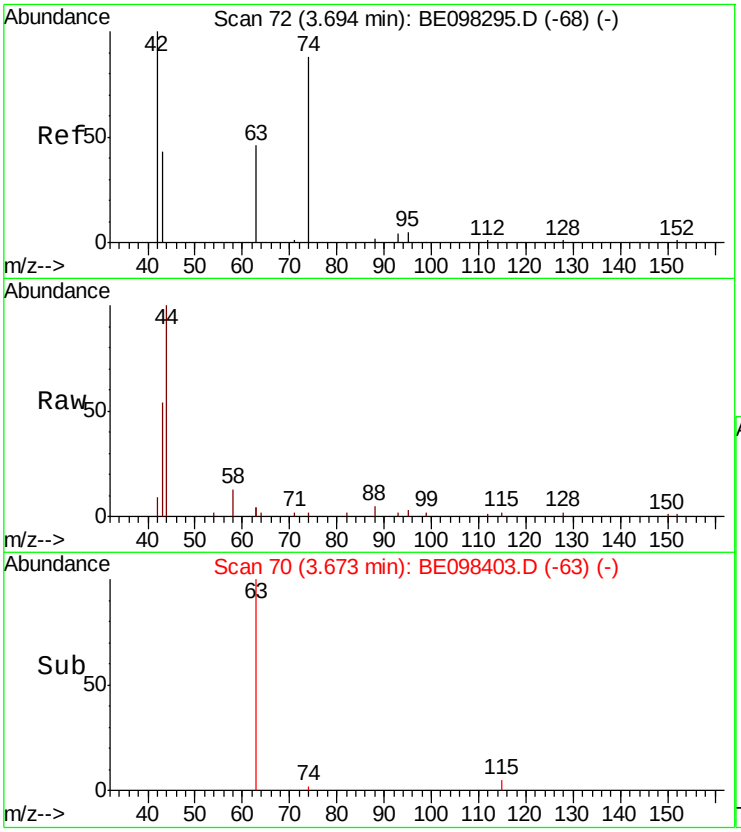


#2
1,4-Dioxane
Concen: 3.138 ng
RT: 3.36 min Scan# 43
Delta R.T. -0.01 min
Lab File: BE098403.D
Acq: 13 Dec 2018 18:58

Tgt Ion: 88 Resp: 5091

Ion	Ratio	Lower	Upper
88	100		
58	95.8	75.0	112.6
43	59.9	38.3	57.5#



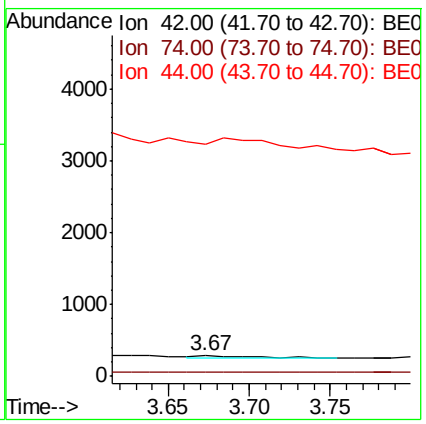


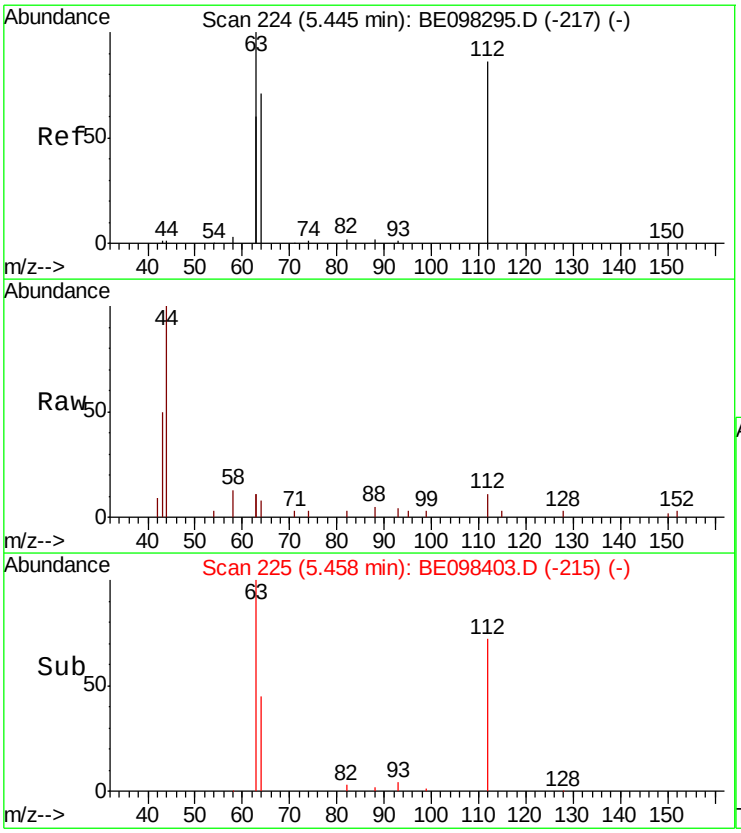
#3
n-Nitrosodimethylamine
Concen: 0.051 ng
RT: 3.67 min Scan# 70
Delta R.T. -0.02 min
Lab File: BE098403.D
Acq: 13 Dec 2018 18:58

Instrument :
BNA_E
ClientSampleId :
RE-122D1-20181206

Tgt Ion: 42 Resp: 75

Ion	Ratio	Lower	Upper
42	100		
74	0.0	0.0	0.0
44	536.0	0.0	0.0#

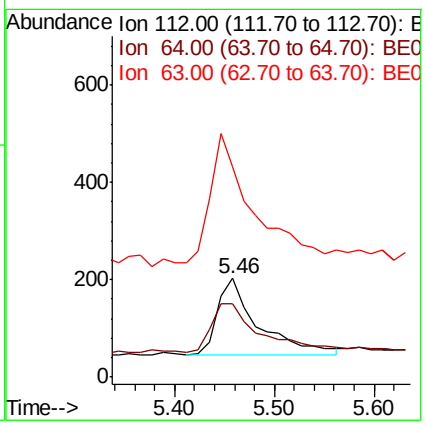


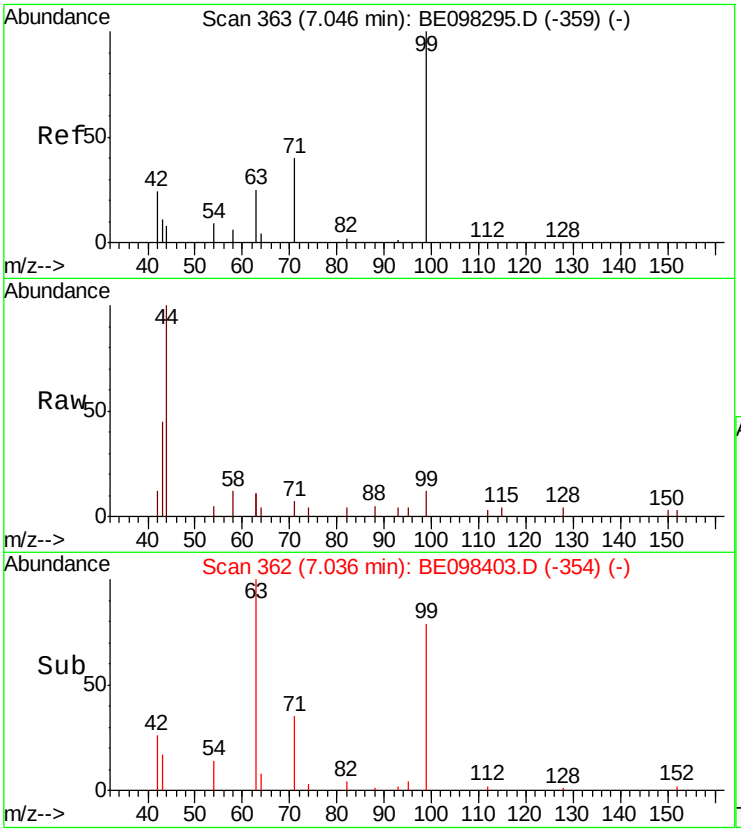


#4
2-Fluorophenol
Concen: 0.200 ng
RT: 5.46 min Scan# 225
Delta R.T. 0.01 min
Lab File: BE098403.D
Acq: 13 Dec 2018 18:58

Tgt Ion:112 Resp: 439

Ion	Ratio	Lower	Upper
112	100		
64	79.5	59.8	89.8
63	179.0	133.7	200.5



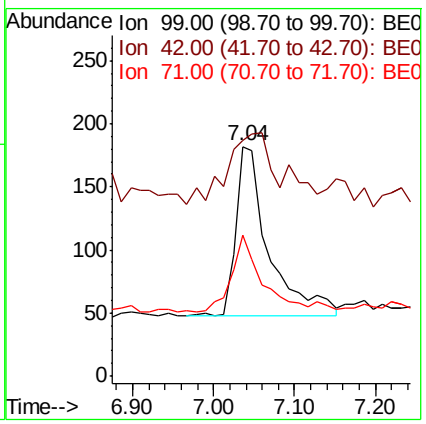


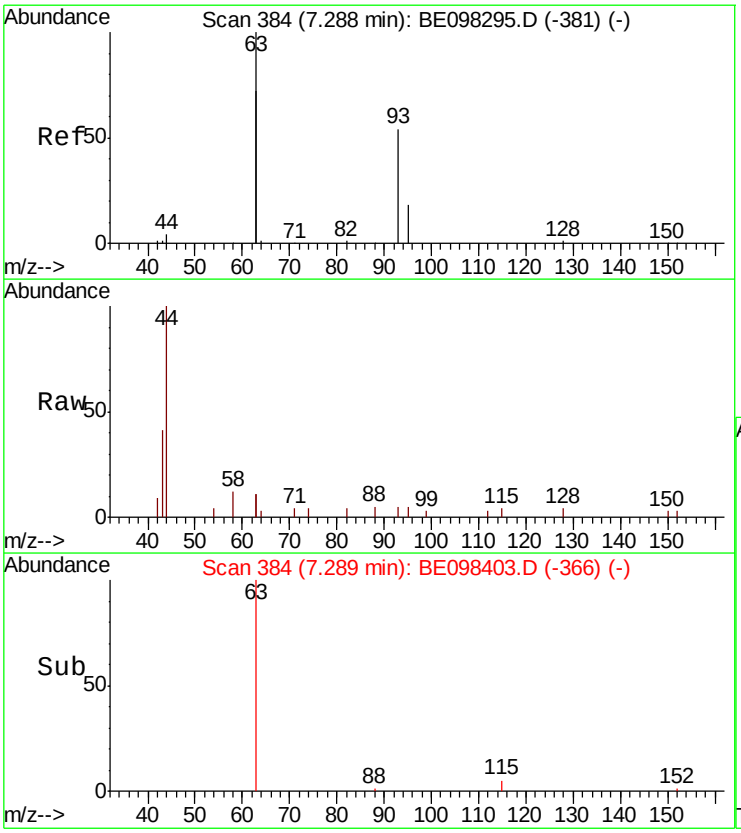
#5
Phenol-d6
Concen: 0.121 ng
RT: 7.04 min Scan# 362
Delta R.T. -0.01 min
Lab File: BE098403.D
Acq: 13 Dec 2018 18:58

Instrument :
BNA_E
ClientSampleId :
RE-122D1-20181206

Tgt Ion: 99 Resp: 375

Ion	Ratio	Lower	Upper
99	100		
42	0.0	26.3	39.5#
71	41.3	33.6	50.4

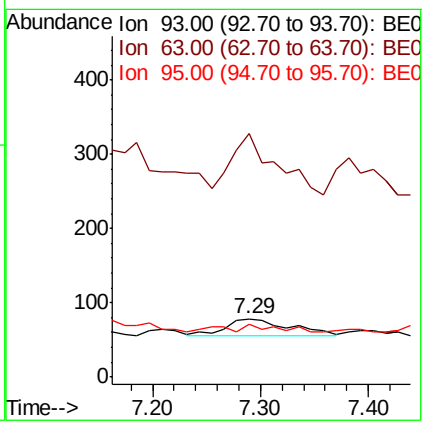


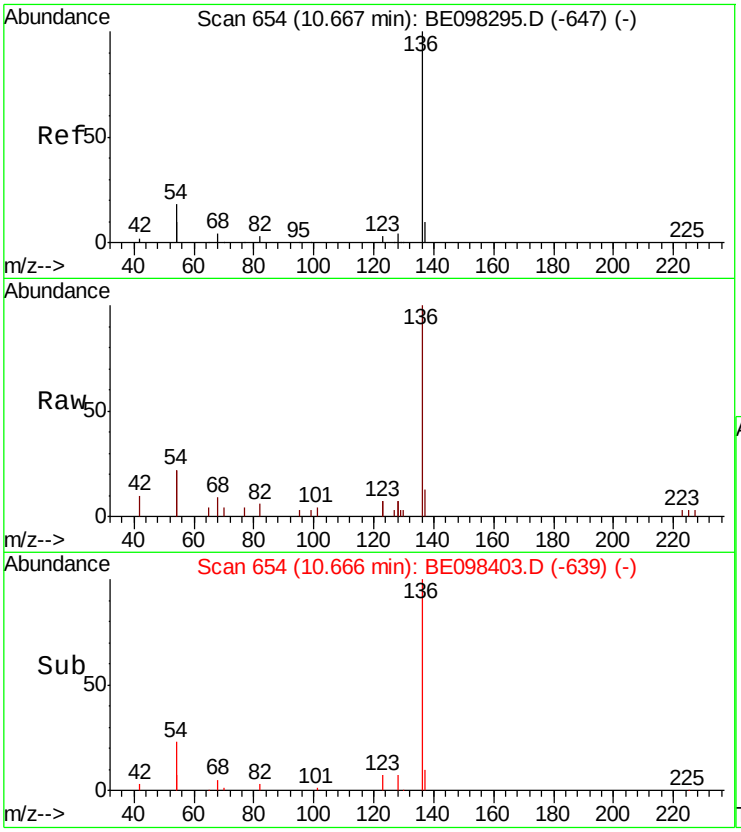


#6
bis(2-Chloroethyl)ether
Concen: 0.031 ng
RT: 7.29 min Scan# 384
Delta R.T. 0.00 min
Lab File: BE098403.D
Acq: 13 Dec 2018 18:58

Tgt Ion: 93 Resp: 91

Ion	Ratio	Lower	Upper
93	100		
63	249.5	264.4	396.6#
95	25.3	26.6	40.0#



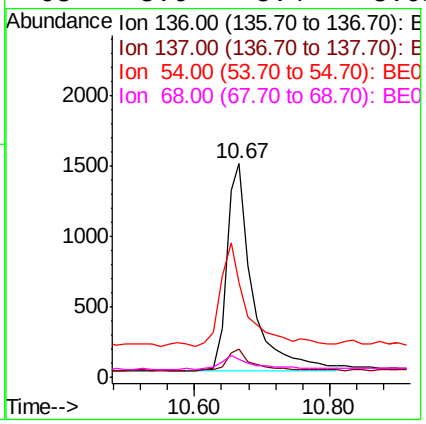


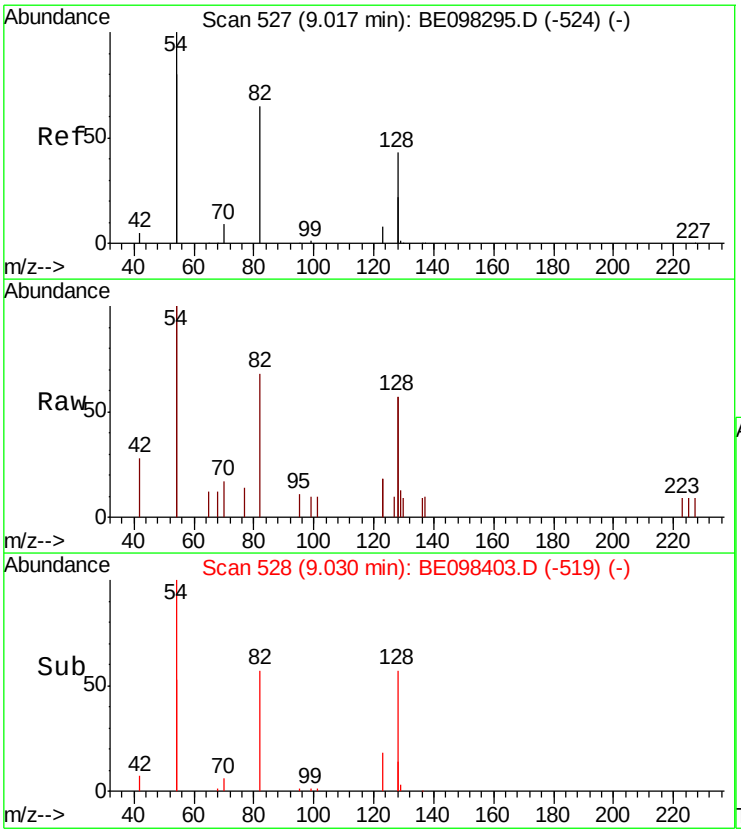
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.67 min Scan# 654
Delta R.T. -0.00 min
Lab File: BE098403.D
Acq: 13 Dec 2018 18:58

Instrument :
BNA_E
ClientSampleId :
RE-122D1-20181206

Tgt Ion:136 Resp: 3917

Ion	Ratio	Lower	Upper
136	100		
137	13.3	9.2	13.8
54	44.1	28.4	42.6#
68	8.6	5.4	8.0#

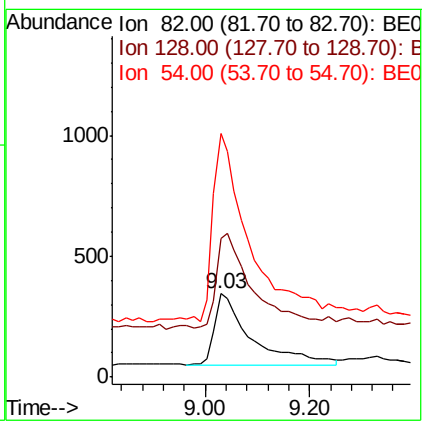


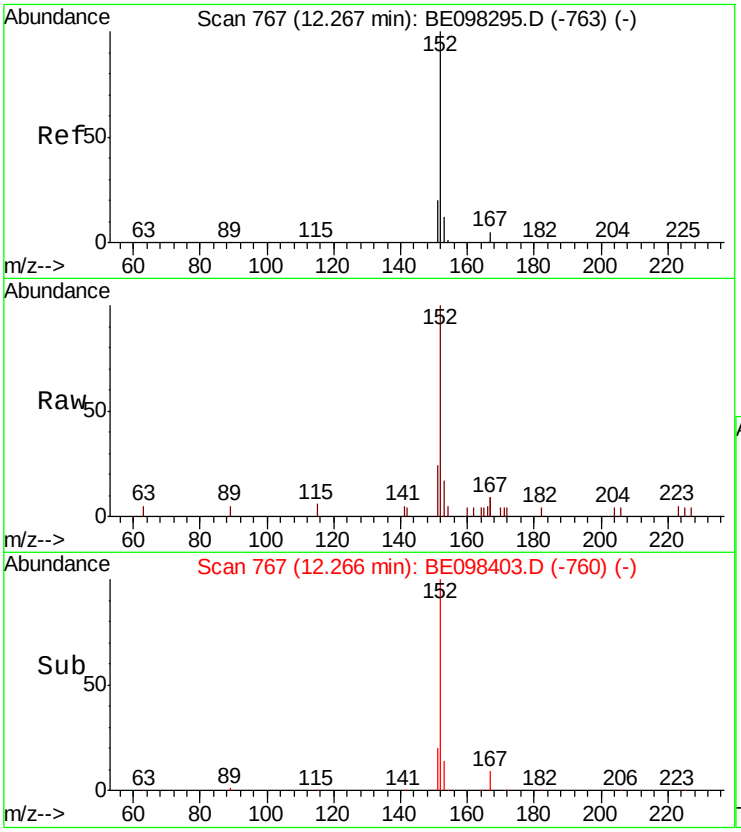


#8
Nitrobenzene-d5
Concen: 0.394 ng
RT: 9.03 min Scan# 528
Delta R.T. 0.01 min
Lab File: BE098403.D
Acq: 13 Dec 2018 18:58

Tgt Ion: 82 Resp: 1405

Ion	Ratio	Lower	Upper
82	100		
128	166.9	102.4	153.6#
54	293.0	221.8	332.8



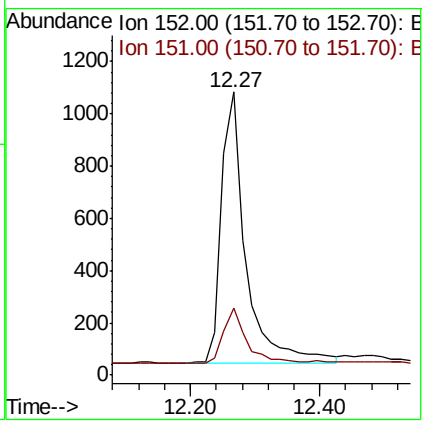


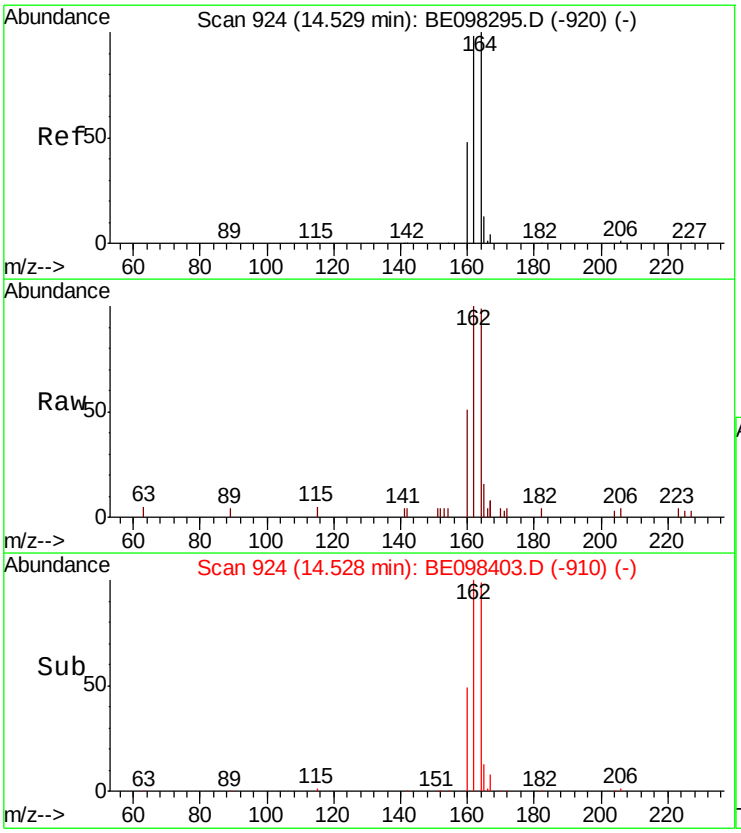
#11
2-Methylnaphthalene-d10
Concen: 0.425 ng
RT: 12.27 min Scan# 767
Delta R.T. -0.00 min
Lab File: BE098403.D
Acq: 13 Dec 2018 18:58

Instrument :
BNA_E
ClientSampleId :
RE-122D1-20181206

Tgt Ion:152 Resp: 2709

Ion	Ratio	Lower	Upper
152	100		
151	19.8	16.2	24.4

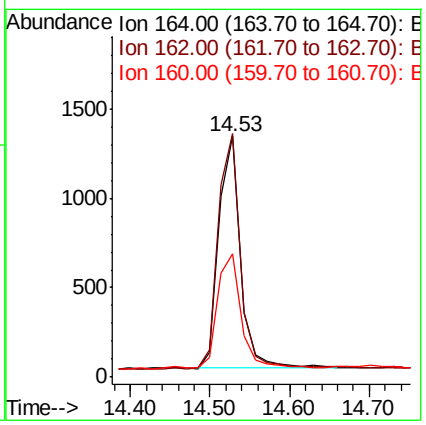


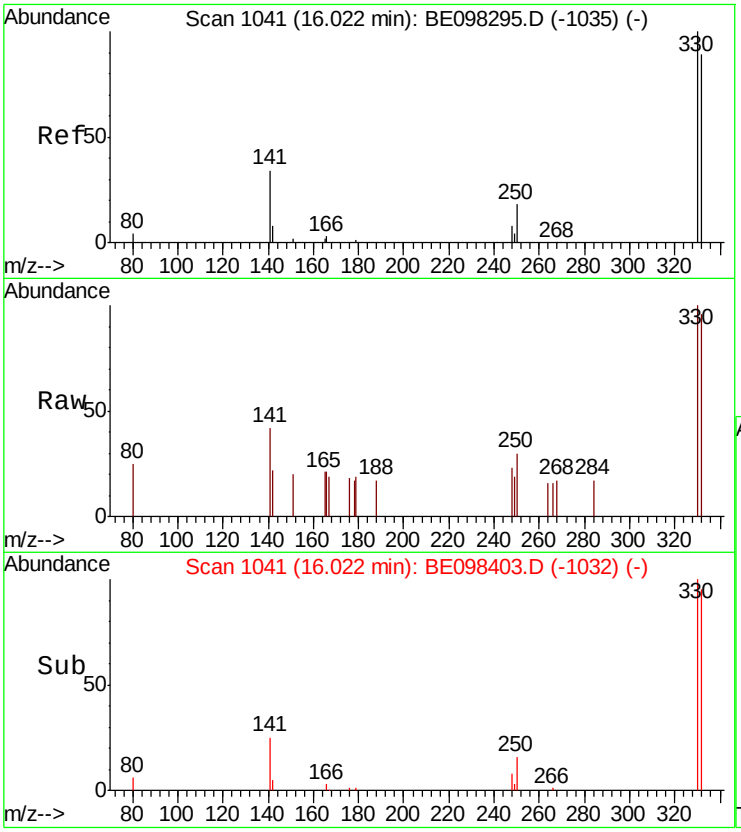


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.53 min Scan# 924
Delta R.T. -0.00 min
Lab File: BE098403.D
Acq: 13 Dec 2018 18:58

Tgt Ion:164 Resp: 2459

Ion	Ratio	Lower	Upper
164	100		
162	101.1	77.6	116.4
160	51.1	36.0	54.0



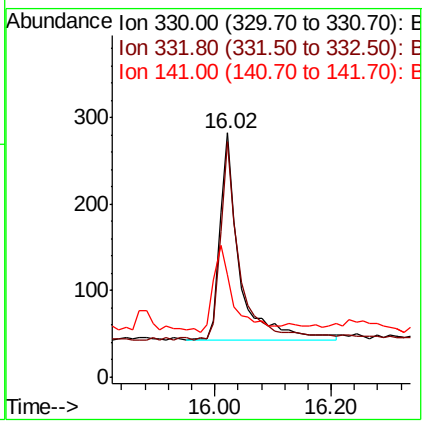


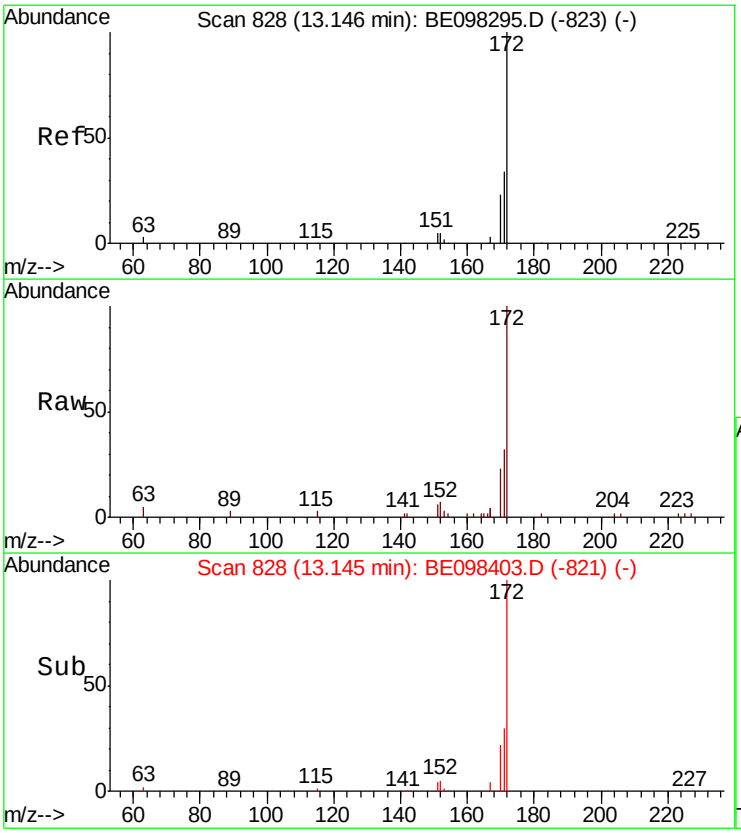
#14
2,4,6-Tribromophenol
Concen: 0.611 ng
RT: 16.02 min Scan# 1041
Delta R.T. -0.00 min
Lab File: BE098403.D
Acq: 13 Dec 2018 18:58

Instrument :
BNA_E
ClientSampleId :
RE-122D1-20181206

Tgt Ion:330 Resp: 552

Ion	Ratio	Lower	Upper
330	100		
332	94.9	76.2	114.4
141	43.3	39.0	58.4

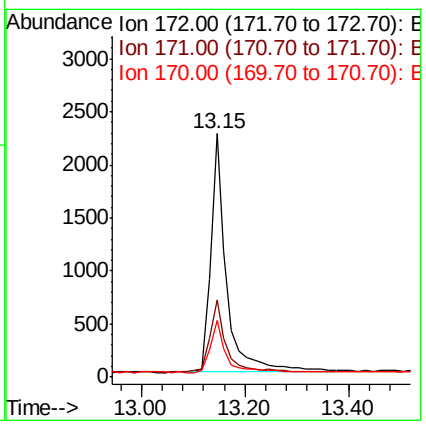


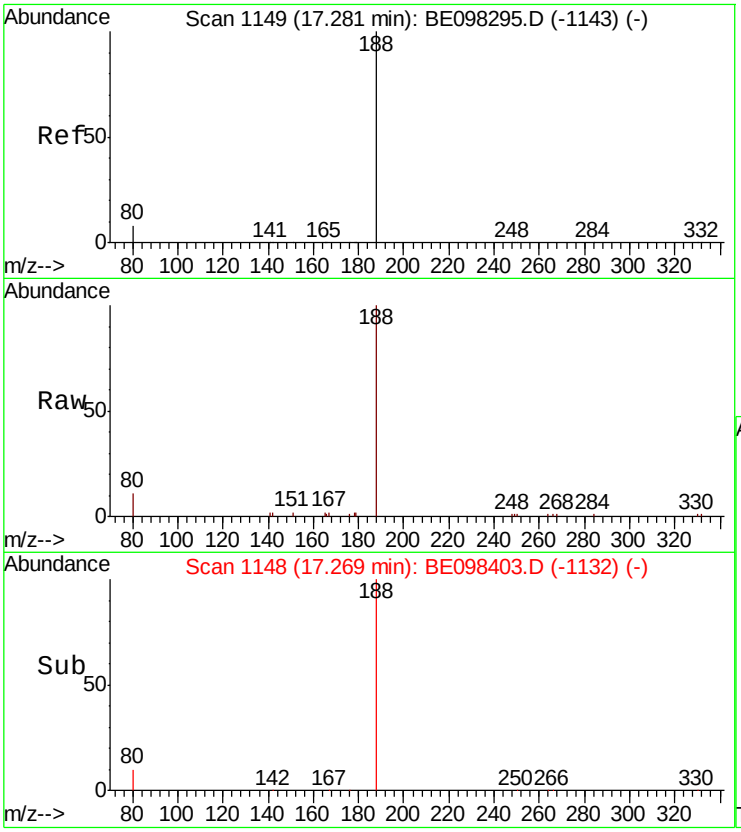


#15
2-Fluorobiphenyl
Concen: 0.467 ng
RT: 13.15 min Scan# 828
Delta R.T. -0.00 min
Lab File: BE098403.D
Acq: 13 Dec 2018 18:58

Tgt Ion:172 Resp: 4847

Ion	Ratio	Lower	Upper
172	100		
171	31.6	27.5	41.3
170	23.1	19.6	29.4



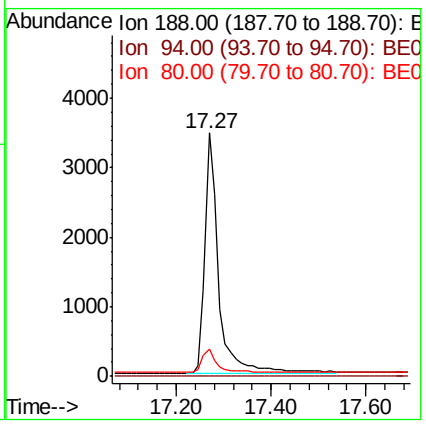


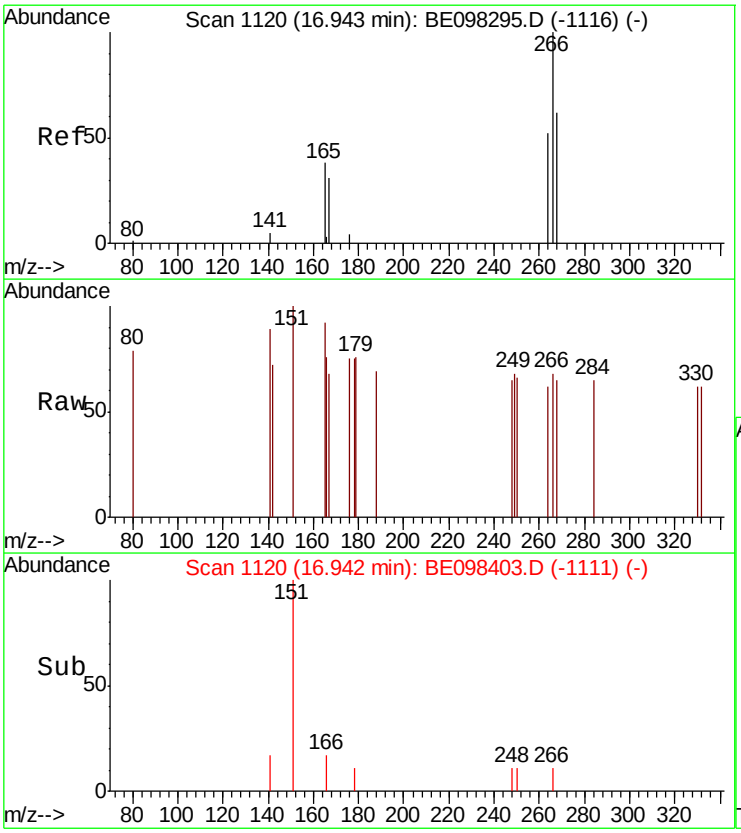
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.27 min Scan# 1148
Delta R.T. -0.01 min
Lab File: BE098403.D
Acq: 13 Dec 2018 18:58

Instrument :
BNA_E
ClientSampleId :
RE-122D1-20181206

Tgt Ion:188 Resp: 7034

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	11.4	7.2	10.8#

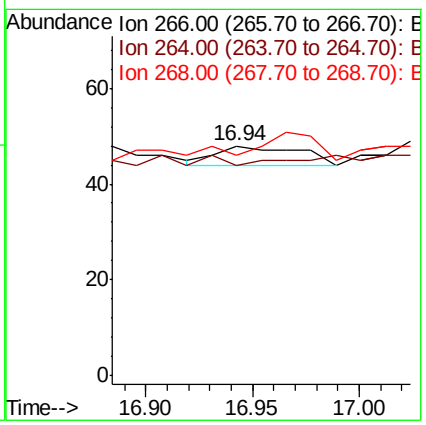


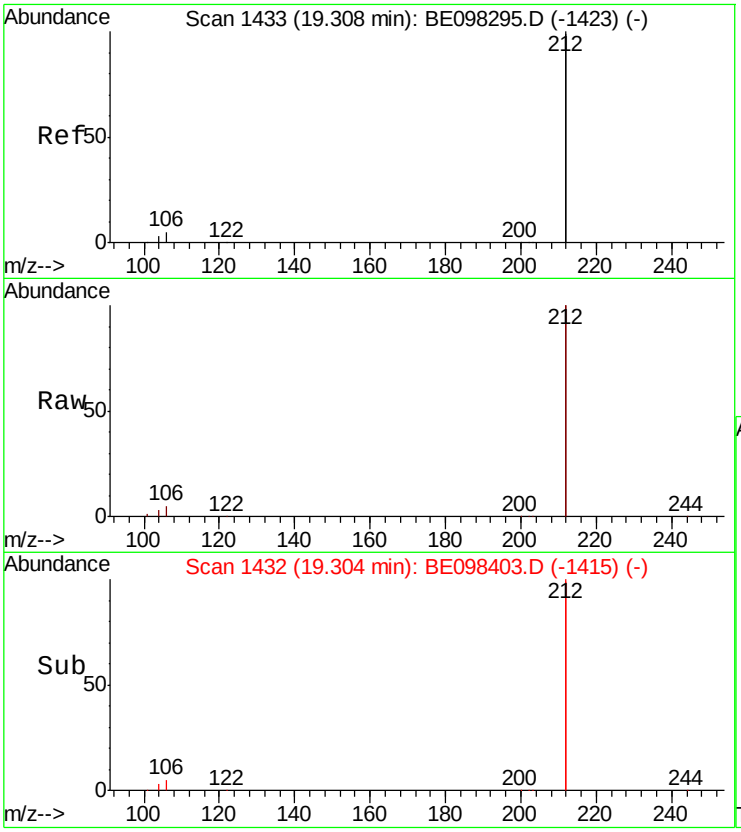


#22
Pentachlorophenol
Concen: 0.032 ng
RT: 16.94 min Scan# 1120
Delta R.T. 0.00 min
Lab File: BE098403.D
Acq: 13 Dec 2018 18:58

Tgt Ion:266 Resp: 10

Ion	Ratio	Lower	Upper
266	100		
264	91.7	59.0	88.4#
268	95.8	55.1	82.7#



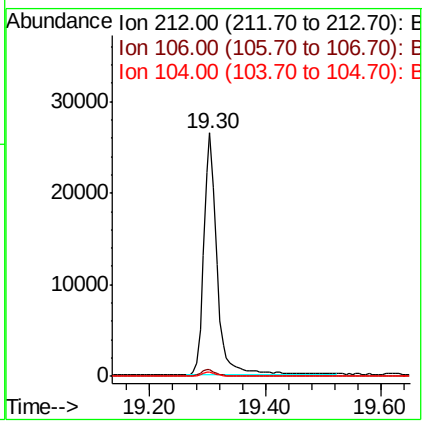


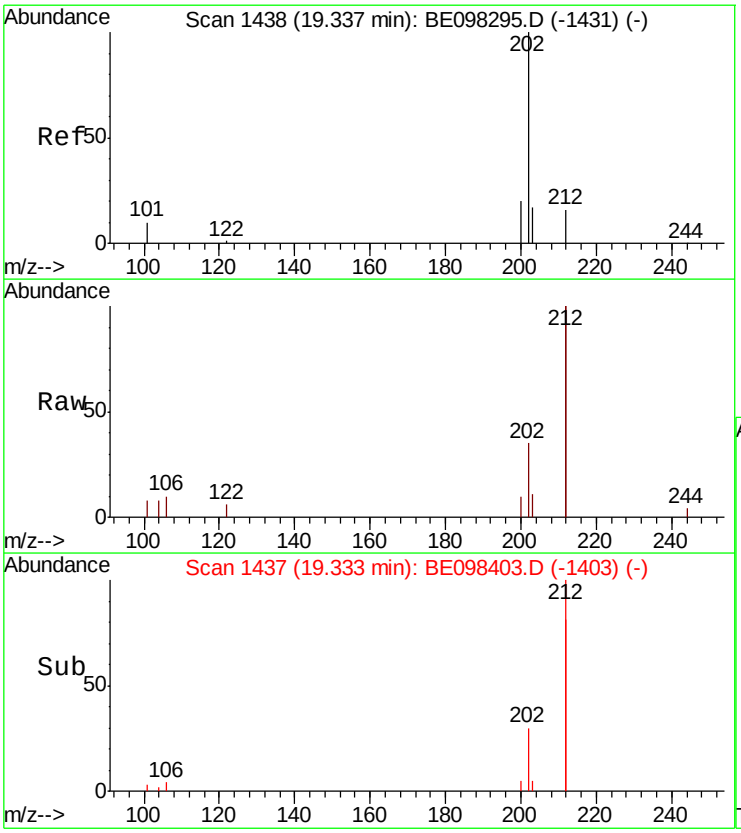
#25
Fluoranthene-d10
Concen: 0.462 ng
RT: 19.30 min Scan# 1432
Delta R.T. -0.00 min
Lab File: BE098403.D
Acq: 13 Dec 2018 18:58

Instrument :
BNA_E
ClientSampleId :
RE-122D1-20181206

Tgt Ion:212 Resp: 41683

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

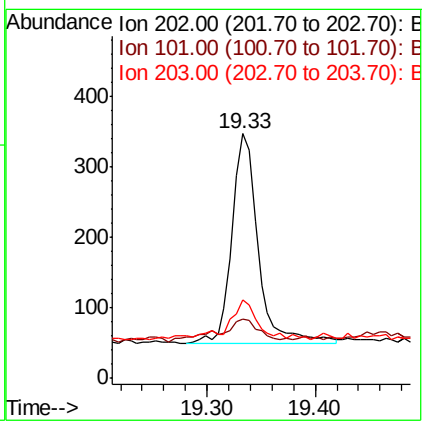


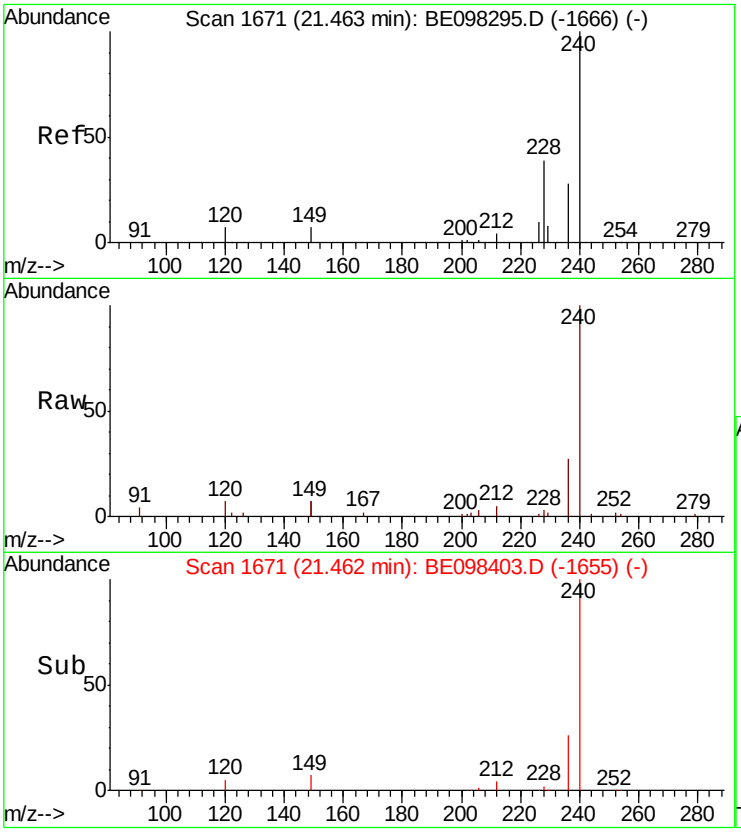


#26
Fluoranthene
Concen: 0.022 ng
RT: 19.33 min Scan# 1437
Delta R.T. -0.00 min
Lab File: BE098403.D
Acq: 13 Dec 2018 18:58

Tgt Ion:202 Resp: 494

Ion	Ratio	Lower	Upper
202	100		
101	9.9	8.0	12.0
203	20.4	13.8	20.6



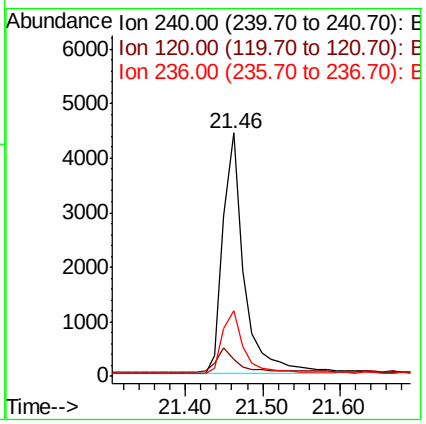


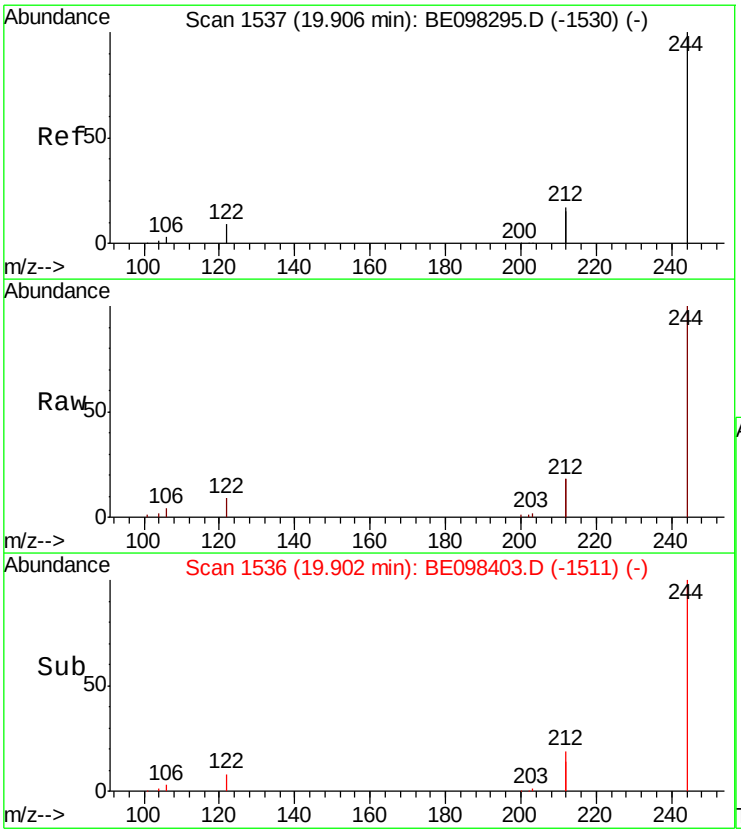
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.46 min Scan# 1671
Delta R.T. -0.00 min
Lab File: BE098403.D
Acq: 13 Dec 2018 18:58

Instrument :
BNA_E
ClientSampleId :
RE-122D1-20181206

Tgt Ion:240 Resp: 8459

Ion	Ratio	Lower	Upper
240	100		
120	7.1	9.5	14.3#
236	26.7	22.7	34.1

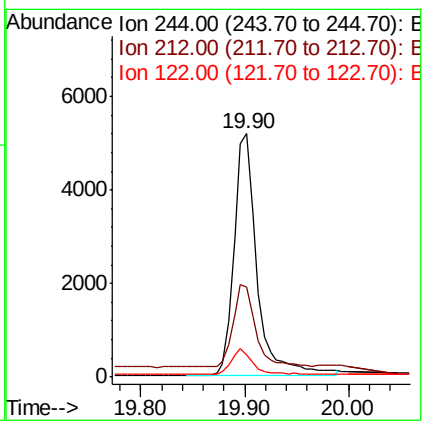


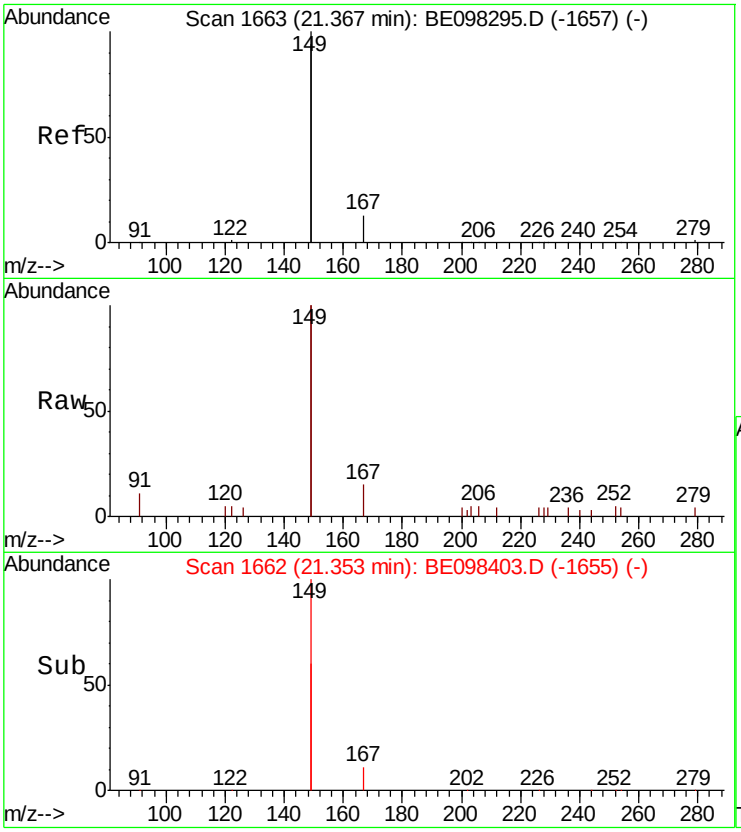


#29
Terphenyl-d14
Concen: 0.384 ng
RT: 19.90 min Scan# 1536
Delta R.T. -0.00 min
Lab File: BE098403.D
Acq: 13 Dec 2018 18:58

Tgt Ion:244 Resp: 7894

Ion	Ratio	Lower	Upper
244	100		
212	36.9	27.4	41.0
122	9.3	8.3	12.5



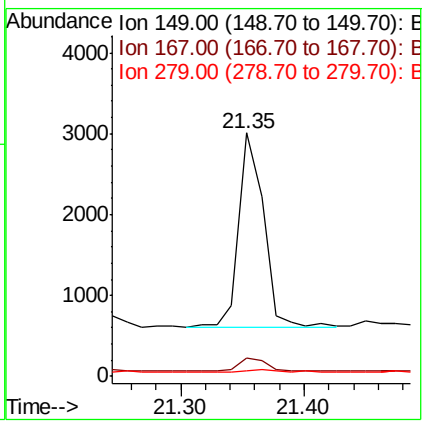


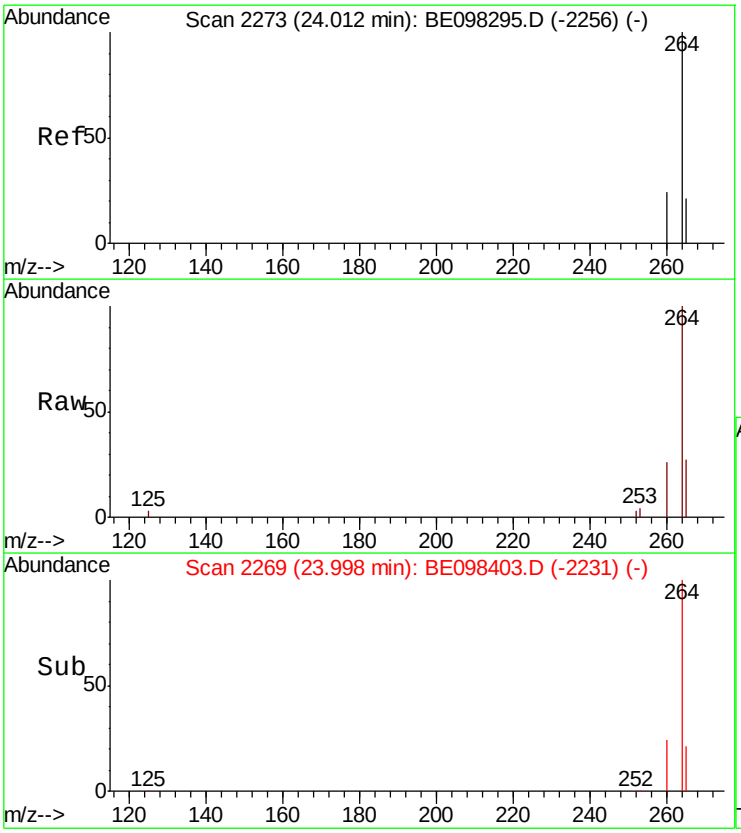
#32
Bis(2-ethylhexyl)phthalate
Concen: 0.068 ng
RT: 21.35 min Scan# 1662
Delta R.T. -0.01 min
Lab File: BE098403.D
Acq: 13 Dec 2018 18:58

Instrument :
BNA_E
ClientSampleId :
RE-122D1-20181206

Tgt Ion:149 Resp: 3339

Ion	Ratio	Lower	Upper
149	100		
167	8.0	5.7	8.5
279	1.6	1.0	1.4#





#34
Perylene-d12
Concen: 0.400 ng
RT: 24.00 min Scan# 2269
Delta R.T. -0.01 min
Lab File: BE098403.D
Acq: 13 Dec 2018 18:58

Tgt Ion:264 Resp: 7934

Ion	Ratio	Lower	Upper
264	100		
260	25.6	20.2	30.2
265	27.3	25.2	37.8