Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE031119\
Data File : BE098880.D
Acq On : 12 Mar 2019 3:31
Operator : JU/SJ
Sample : K1841-05
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : RE122D3-20190308

Quant Time: Mar 12 07:28:14 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE030619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 06 15:33:24 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	735	0.40	ng	0.00
7) Naphthalene-d8	10.60	136	3122	0.40	ng	0.01
13) Acenaphthene-d10	14.46	164	2228	0.40	ng	0.00
19) Phenanthrene-d10	17.22	188	5826	0.40	ng	0.00
27) Chrysene-d12	21.40	240	6855	0.40	ng	0.00
34) Perylene-d12	23.90	264	6589	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.41	112	254	0.12	ng	0.03
5) Phenol-d6	7.01	99	238	0.08	ng	0.03
8) Nitrobenzene-d5	9.00	82	1018	0.31	ng	0.04
11) 2-Methylnaphthalene-d10	12.21	152	2031	0.35	ng	0.01
14) 2,4,6-Tribromophenol	15.97	330	359	0.32	ng	0.00
15) 2-Fluorobiphenyl	13.09	172	3377	0.37	ng	0.00
25) Fluoranthene-d10	19.25	212	32368	0.35	ng	0.00
29) Terphenyl-d14	19.84	244	8086	0.49	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.23	88	56	Below Cal	#	11
3) n-Nitrosodimethylamine	3.65	42	45	0.024	ng #	14
22) Pentachlorophenol	16.88	266	2	0.266	ng	83
32) Bis(2-ethylhexyl)phthalate	21.29	149	5529	0.121	ng #	99

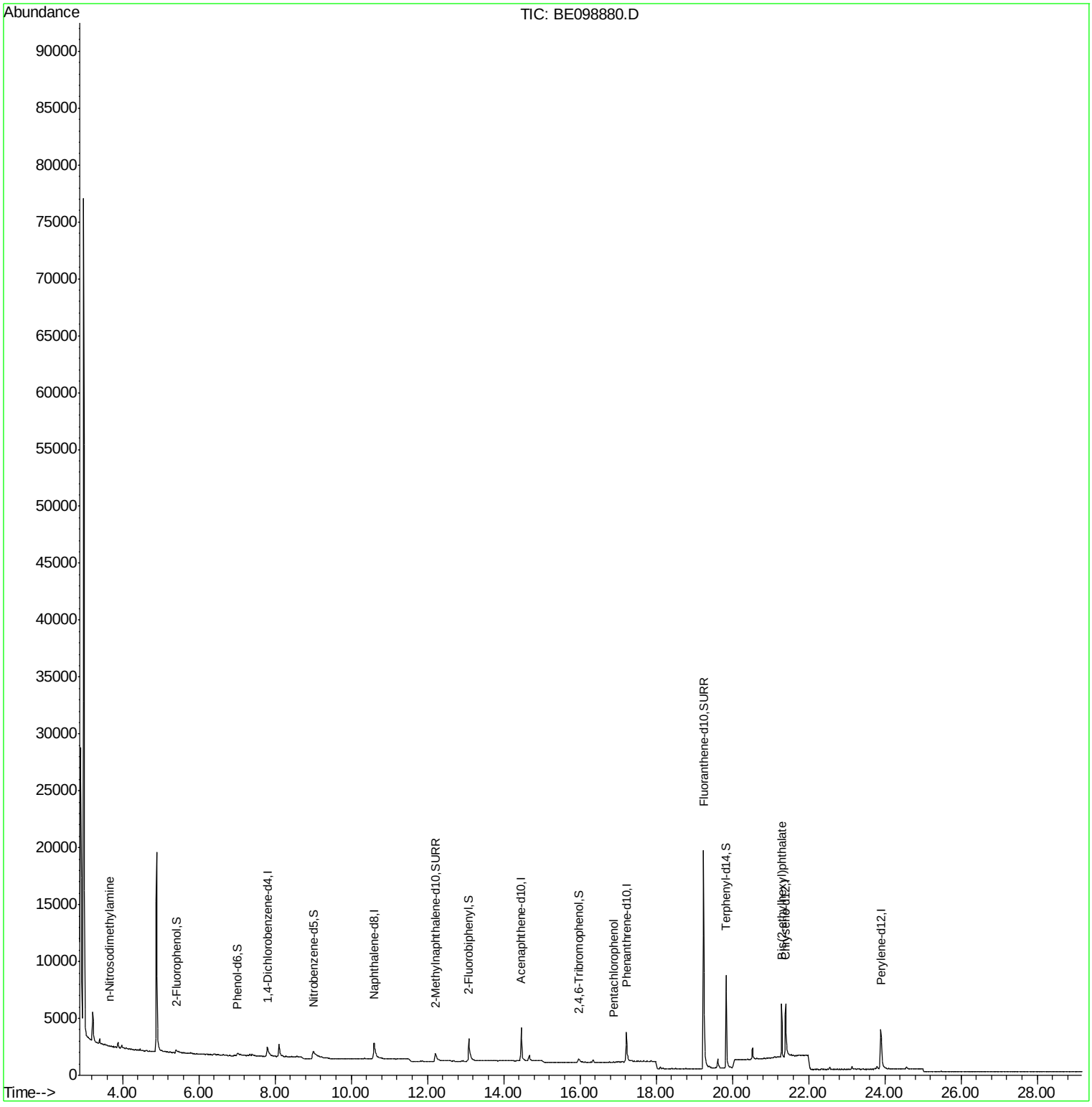
(#) = qualifier out of range (m) = manual integration (+) = signals summed

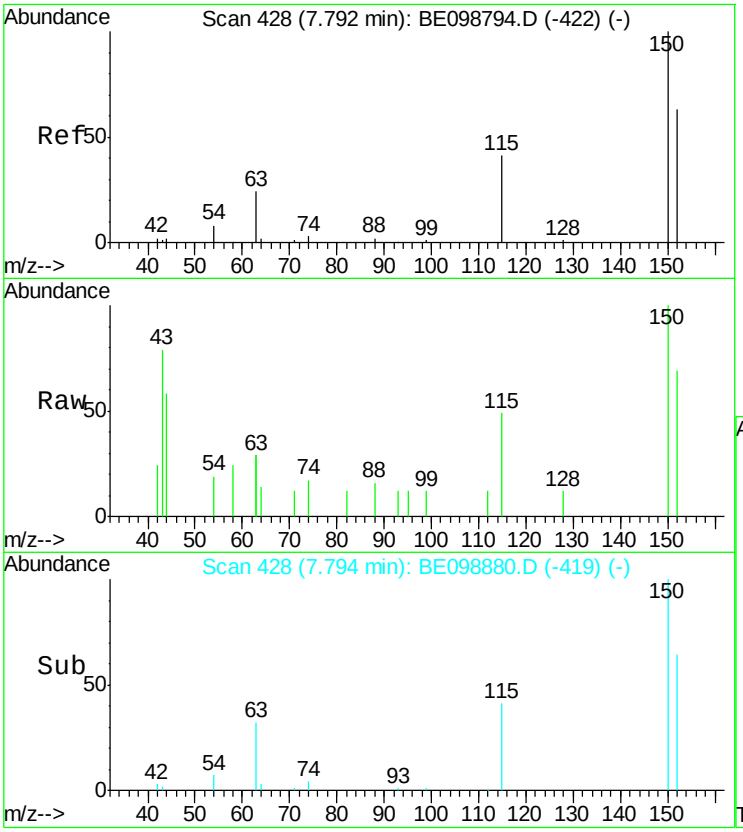
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE031119\
Data File : BE098880.D
Acq On : 12 Mar 2019 3:31
Operator : JU/SJ
Sample : K1841-05
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
RE122D3-20190308

Quant Time: Mar 12 07:28:14 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE030619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 06 15:33:24 2019
Response via : Initial Calibration



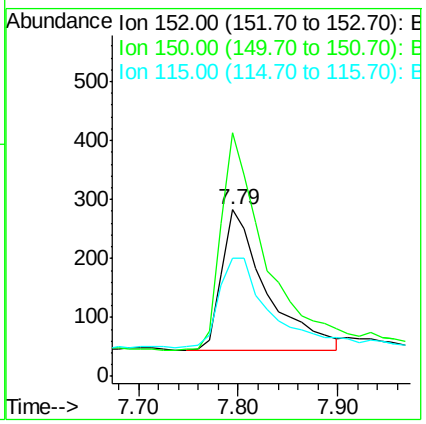


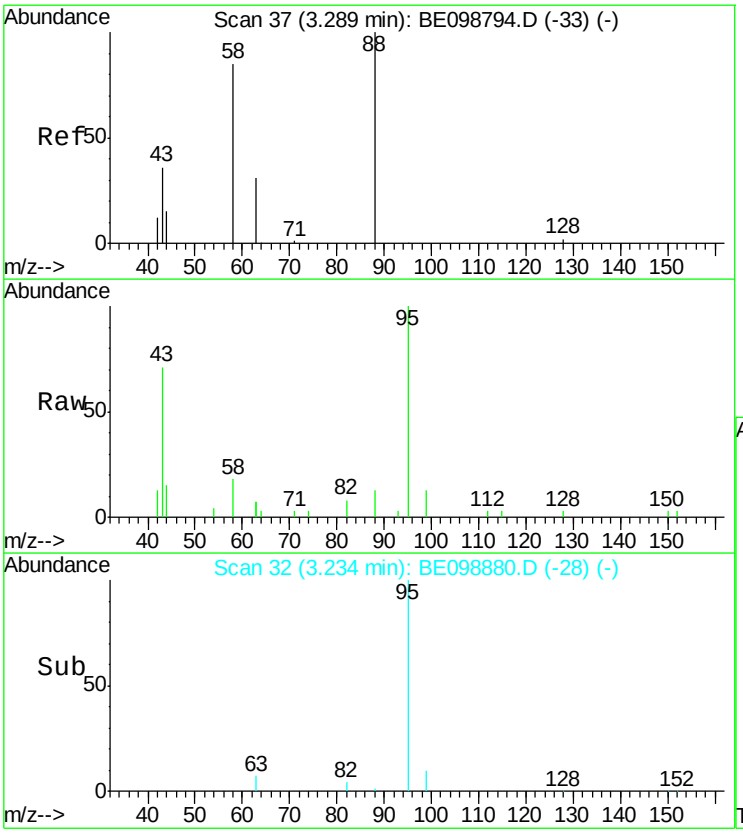
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.79 min Scan# 428
Delta R.T. 0.00 min
Lab File: BE098880.D
Acq: 12 Mar 2019 3:31

Instrument :
BNA_E
ClientSampleId :
RE122D3-20190308

Tgt Ion:152 Resp: 735

Ion	Ratio	Lower	Upper
152	100		
150	145.9	122.5	183.7
115	71.0	57.4	86.2

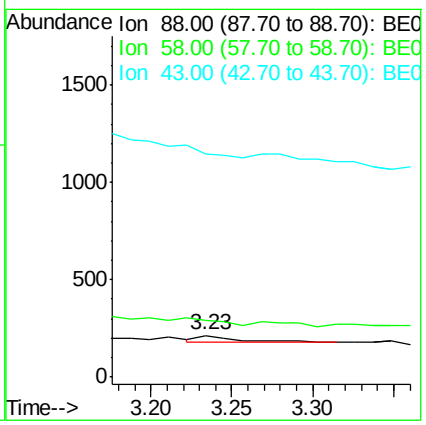


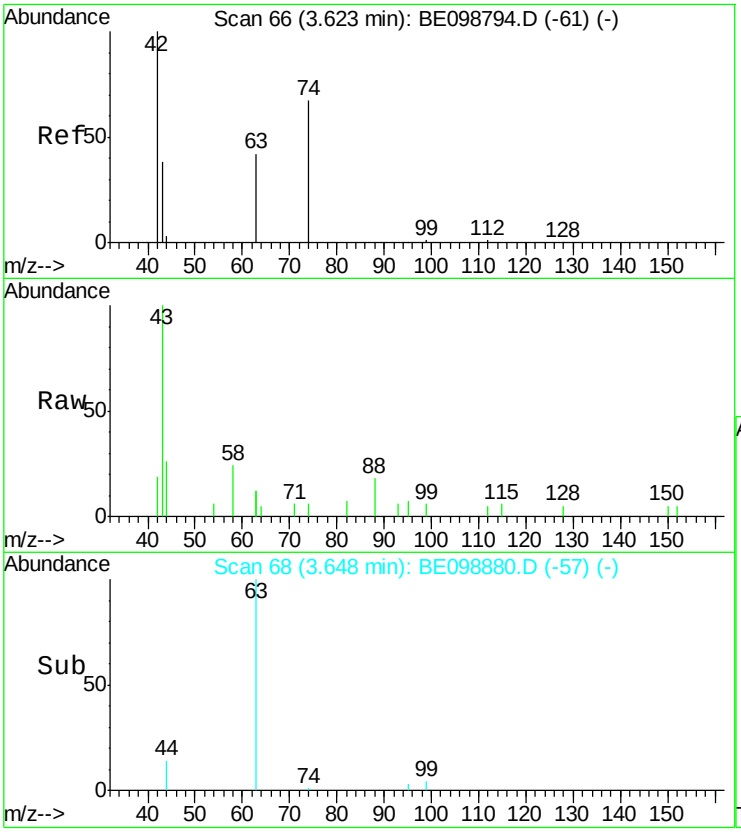


#2
1,4-Dioxane
Concen: Below Cal
RT: 3.23 min Scan# 32
Delta R.T. -0.05 min
Lab File: BE098880.D
Acq: 12 Mar 2019 3:31

Tgt Ion: 88 Resp: 56

Ion	Ratio	Lower	Upper
88	100		
58	0.0	75.8	113.6#
43	0.0	41.8	62.8#



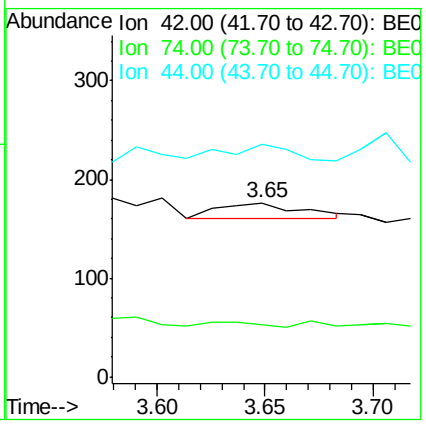


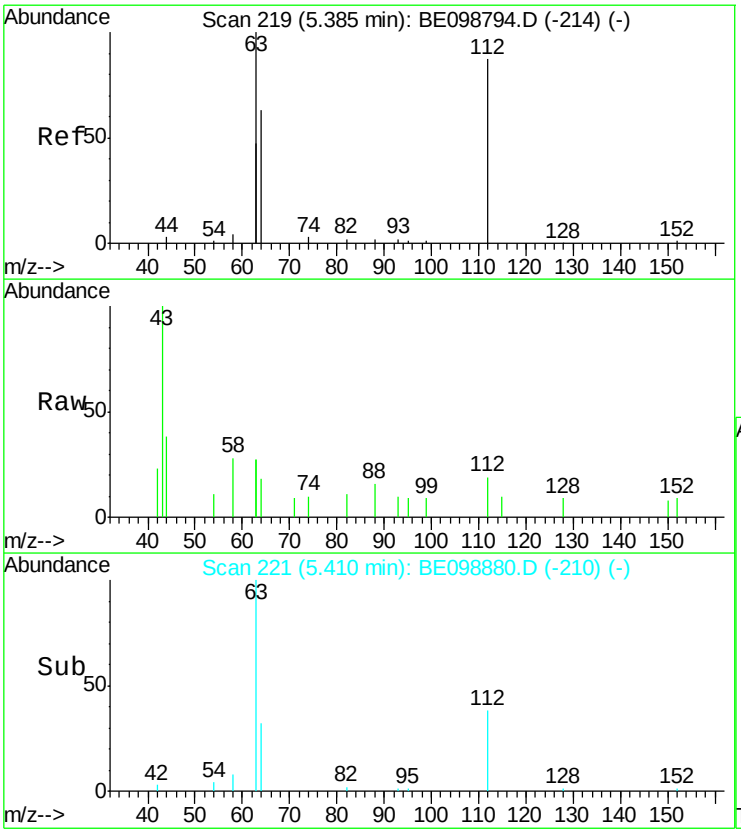
#3
n-Nitrosodimethylamine
Concen: 0.024 ng
RT: 3.65 min Scan# 68
Delta R.T. 0.03 min
Lab File: BE098880.D
Acq: 12 Mar 2019 3:31

Instrument :
BNA_E
ClientSampleId :
RE122D3-20190308

Tgt Ion: 42 Resp: 45

Ion	Ratio	Lower	Upper
42	100		
74	0.0	57.0	85.4#
44	77.8	0.0	0.0#

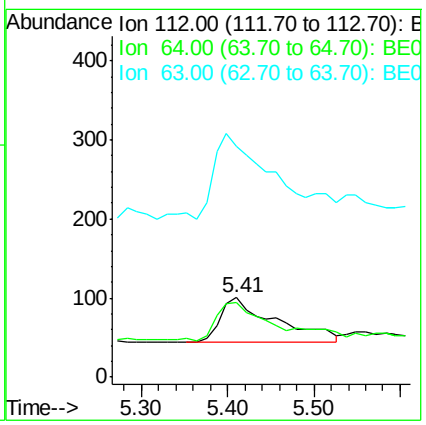


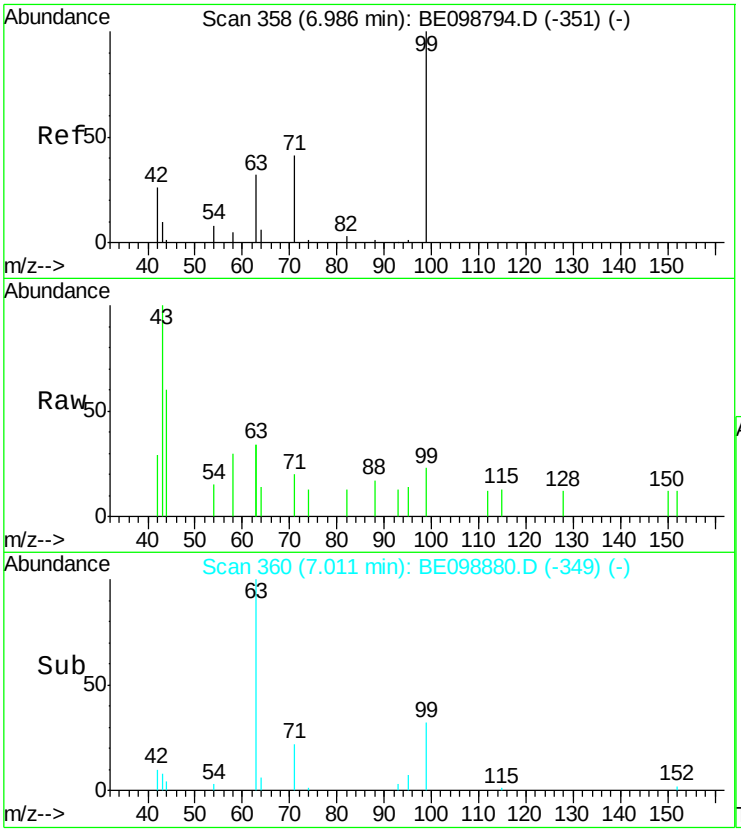


#4
2-Fluorophenol
Concen: 0.116 ng
RT: 5.41 min Scan# 221
Delta R.T. 0.03 min
Lab File: BE098880.D
Acq: 12 Mar 2019 3:31

Tgt Ion:112 Resp: 254

Ion	Ratio	Lower	Upper
112	100		
64	88.2	57.9	86.9#
63	212.6	158.3	237.5



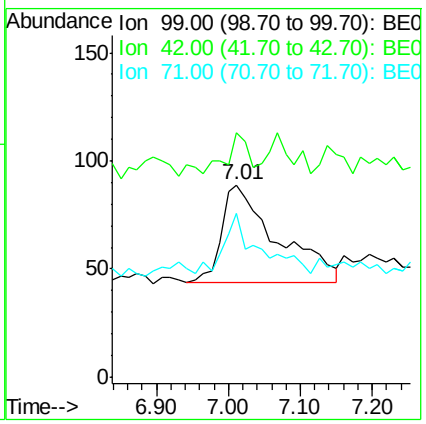


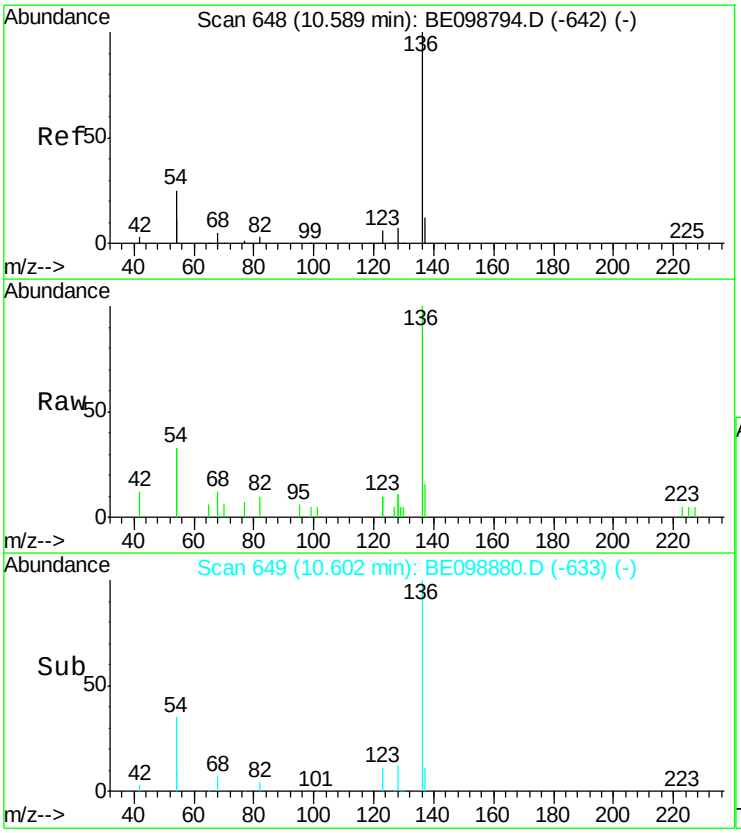
#5
Phenol-d6
Concen: 0.077 ng
RT: 7.01 min Scan# 360
Delta R.T. 0.03 min
Lab File: BE098880.D
Acq: 12 Mar 2019 3:31

Instrument :
BNA_E
ClientSampleId :
RE122D3-20190308

Tgt Ion: 99 Resp: 238

Ion	Ratio	Lower	Upper
99	100		
42	20.2	24.2	36.2#
71	38.2	35.7	53.5

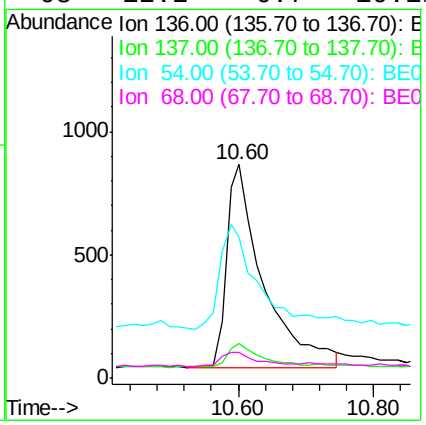


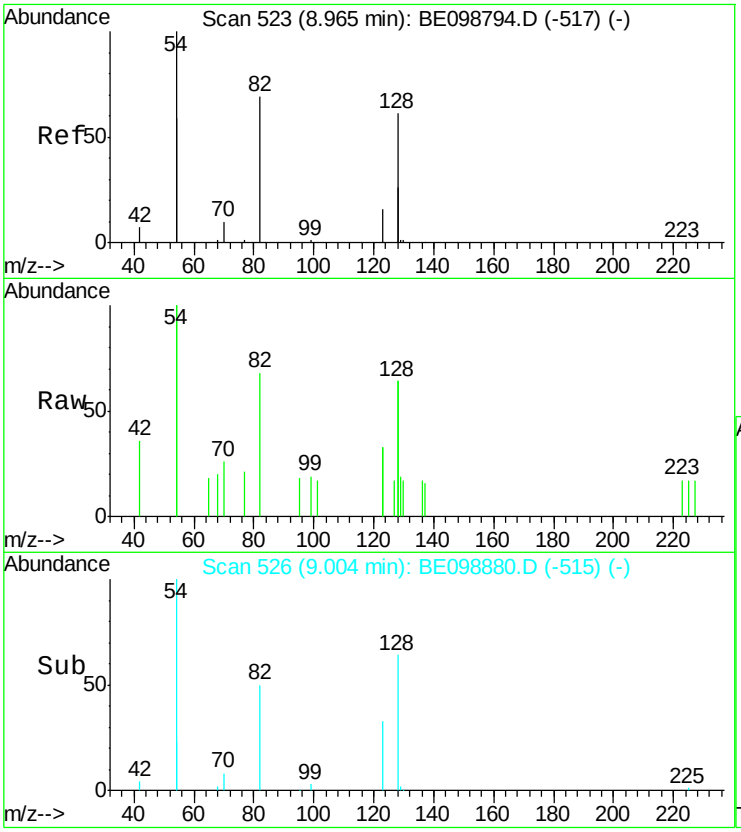


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.60 min Scan# 649
Delta R.T. 0.01 min
Lab File: BE098880.D
Acq: 12 Mar 2019 3:31

Tgt Ion:136 Resp: 3122

Ion	Ratio	Lower	Upper
136	100		
137	16.0	11.4	17.0
54	66.2	39.3	58.9#
68	12.2	6.7	10.1#



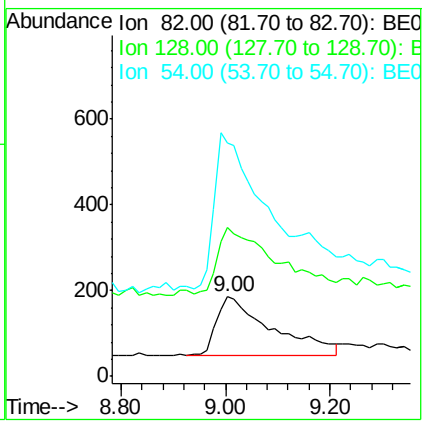


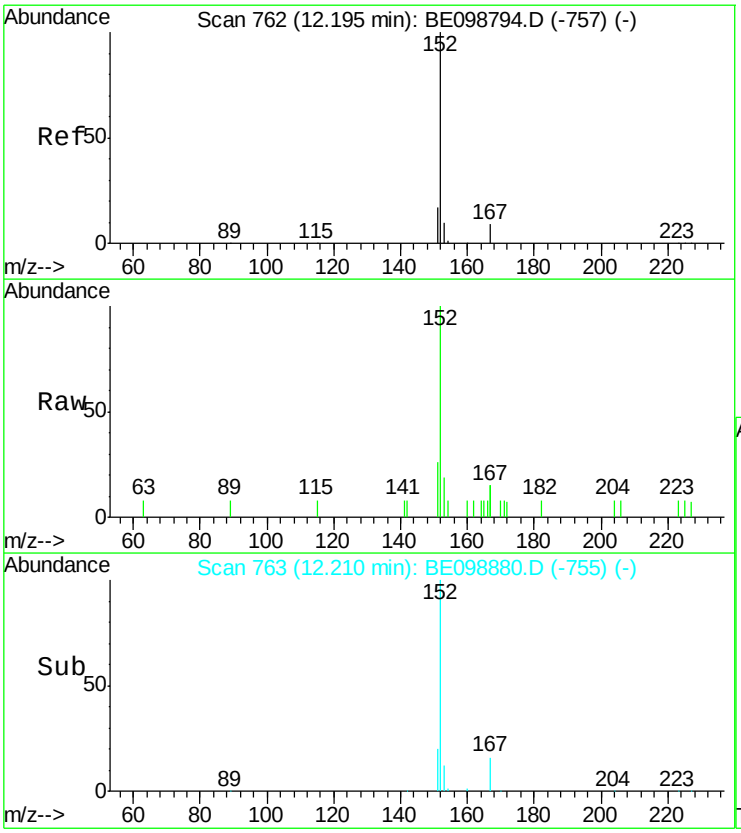
#8
Nitrobenzene-d5
Concen: 0.311 ng
RT: 9.00 min Scan# 526
Delta R.T. 0.04 min
Lab File: BE098880.D
Acq: 12 Mar 2019 3:31

Instrument :
BNA_E
ClientSampleId :
RE122D3-20190308

Tgt Ion: 82 Resp: 1018

Ion	Ratio	Lower	Upper
82	100		
128	187.0	123.8	185.8#
54	294.1	203.4	305.2

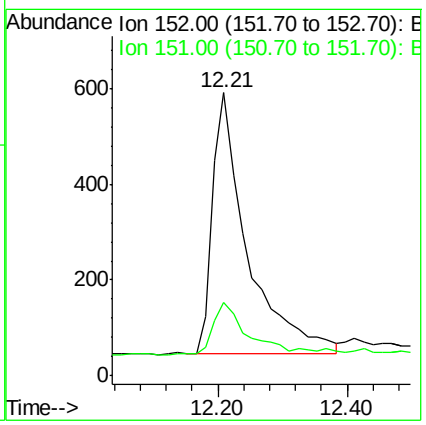


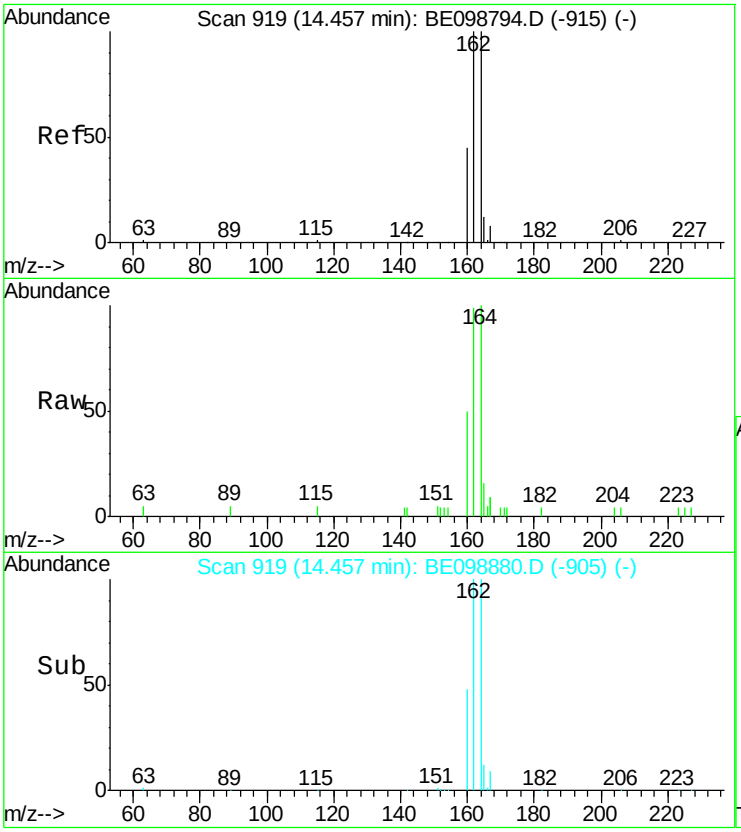


#11
2-Methylnaphthalene-d10
Concen: 0.352 ng
RT: 12.21 min Scan# 763
Delta R.T. 0.01 min
Lab File: BE098880.D
Acq: 12 Mar 2019 3:31

Tgt Ion:152 Resp: 2031

Ion	Ratio	Lower	Upper
152	100		
151	19.9	16.5	24.7



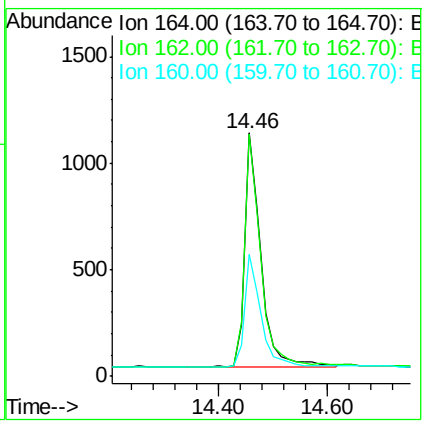


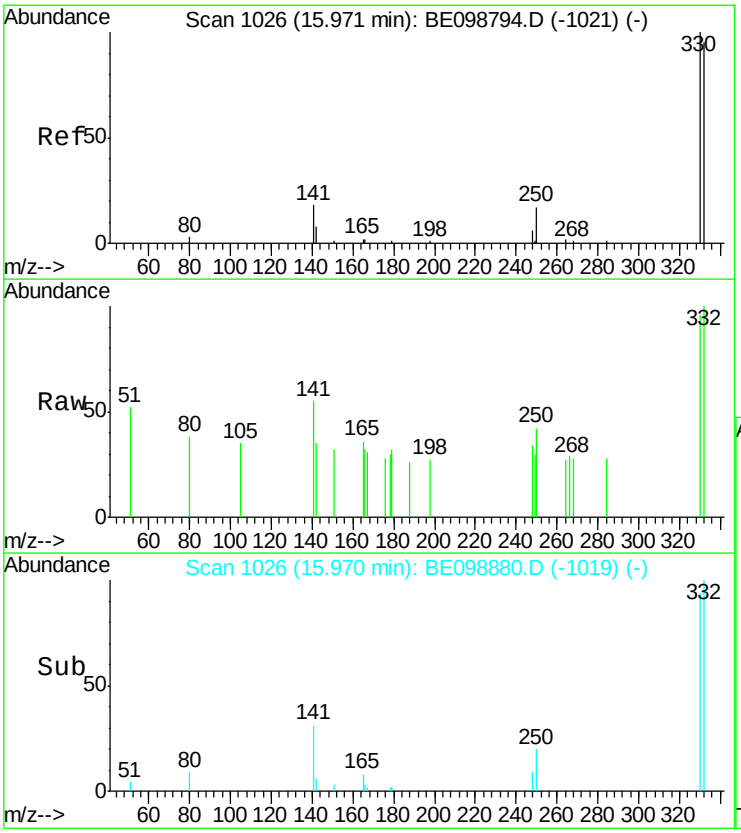
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.46 min Scan# 919
Delta R.T. 0.00 min
Lab File: BE098880.D
Acq: 12 Mar 2019 3:31

Instrument :
BNA_E
ClientSampleId :
RE122D3-20190308

Tgt Ion:164 Resp: 2228

Ion	Ratio	Lower	Upper
164	100		
162	99.5	80.2	120.2
160	50.1	37.8	56.8

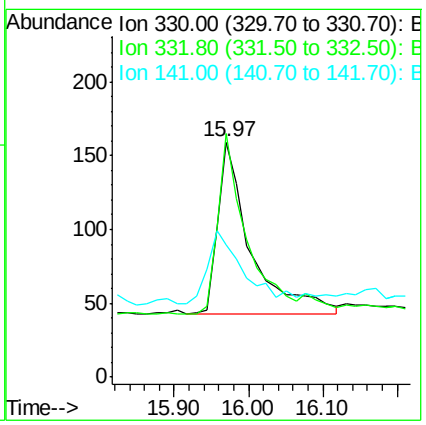


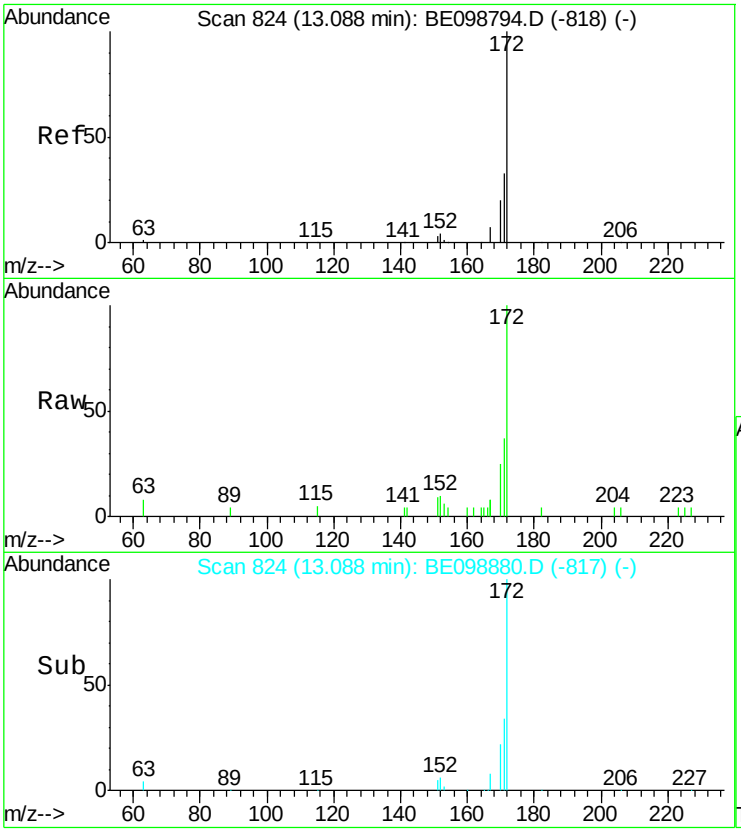


#14
2,4,6-Tribromophenol
Concen: 0.319 ng
RT: 15.97 min Scan# 1026
Delta R.T. -0.00 min
Lab File: BE098880.D
Acq: 12 Mar 2019 3:31

Tgt Ion:330 Resp: 359

Ion	Ratio	Lower	Upper
330	100		
332	91.4	77.6	116.4
141	46.0	31.0	46.4



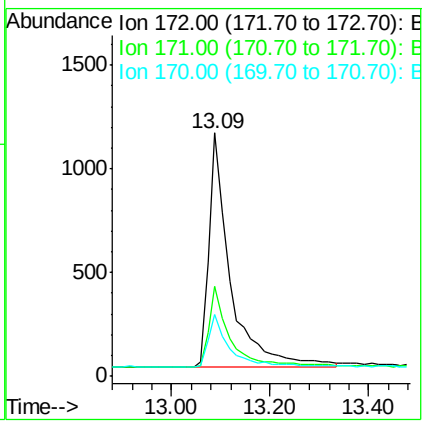


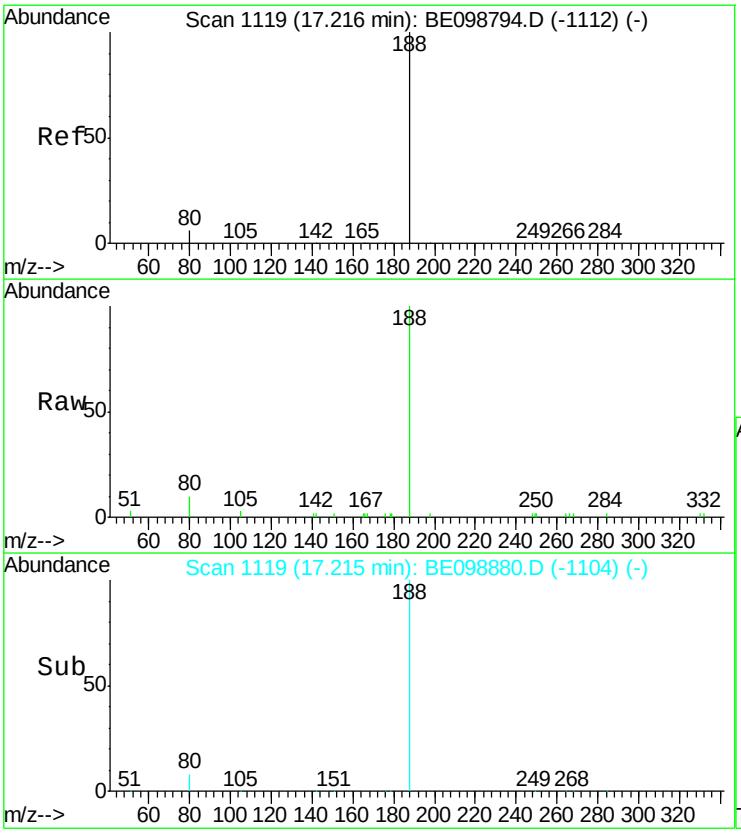
#15
2-Fluorobiphenyl
Concen: 0.366 ng
RT: 13.09 min Scan# 824
Delta R.T. 0.00 min
Lab File: BE098880.D
Acq: 12 Mar 2019 3:31

Instrument :
BNA_E
ClientSampleId :
RE122D3-20190308

Tgt Ion:172 Resp: 3377

Ion	Ratio	Lower	Upper
172	100		
171	36.7	28.0	42.0
170	25.3	17.7	26.5

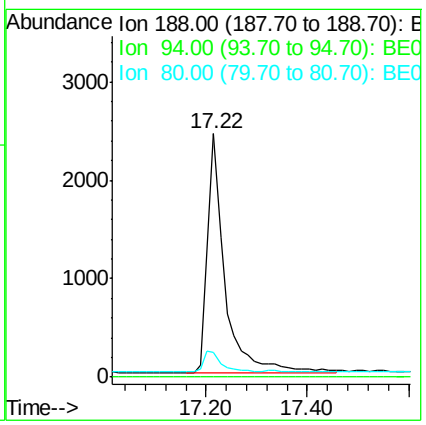


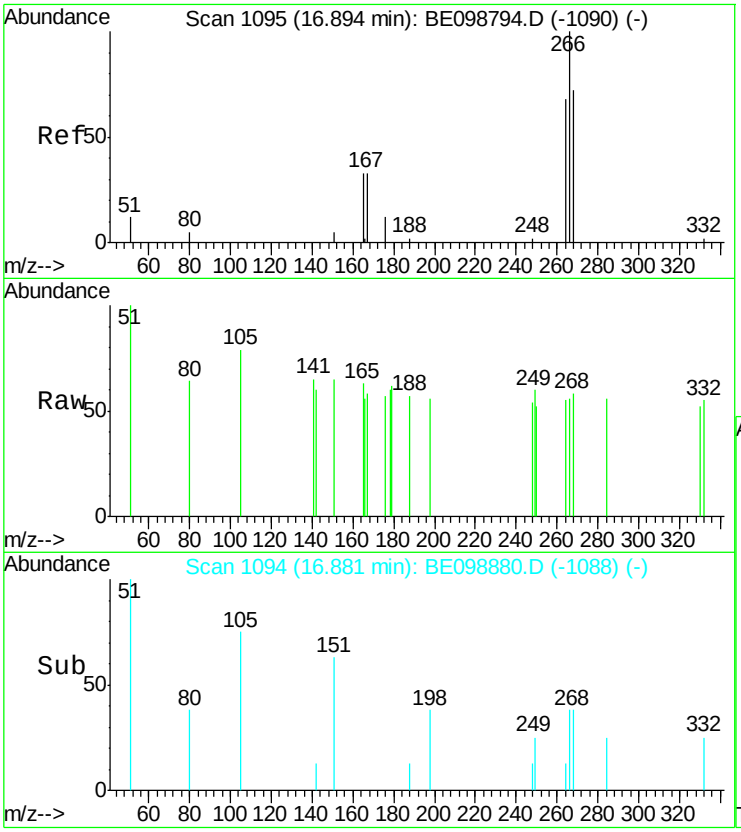


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.22 min Scan# 1119
Delta R.T. -0.00 min
Lab File: BE098880.D
Acq: 12 Mar 2019 3:31

Tgt Ion:188 Resp: 5826

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	10.4	6.3	9.5#



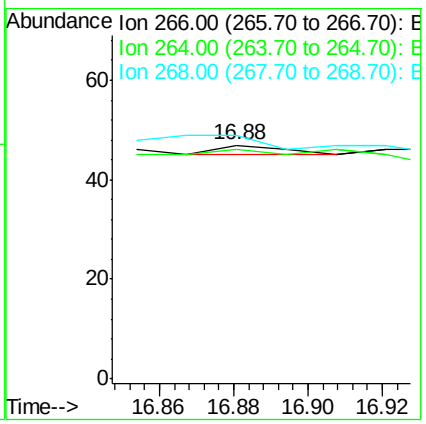


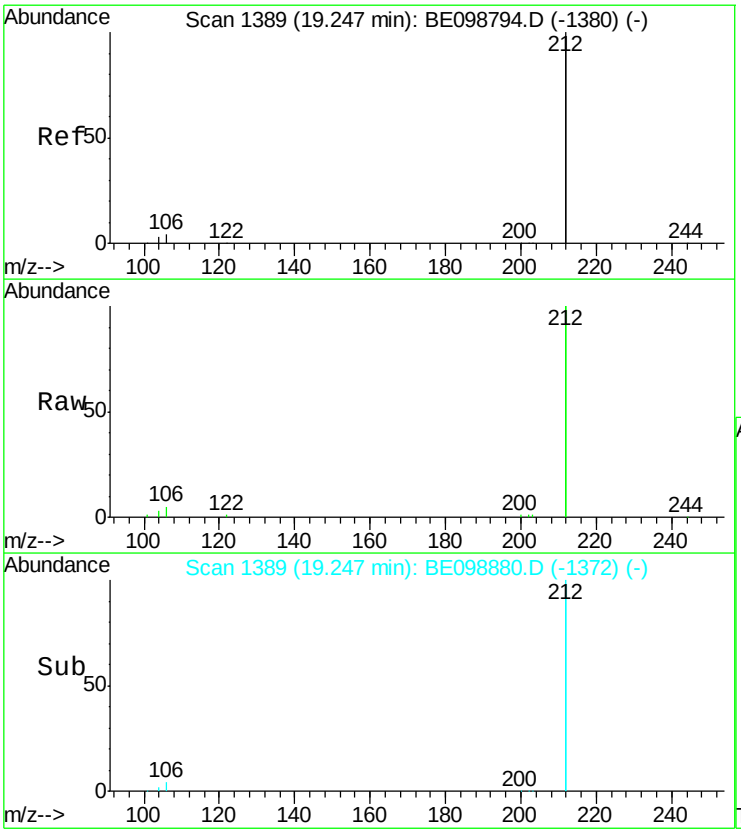
#22
Pentachlorophenol
Concen: 0.266 ng
RT: 16.88 min Scan# 1094
Delta R.T. -0.01 min
Lab File: BE098880.D
Acq: 12 Mar 2019 3:31

Instrument :
BNA_E
ClientSampleId :
RE122D3-20190308

Tgt Ion:266 Resp: 2

Ion	Ratio	Lower	Upper
266	100		
264	97.9	66.6	100.0
268	104.3	69.8	104.8

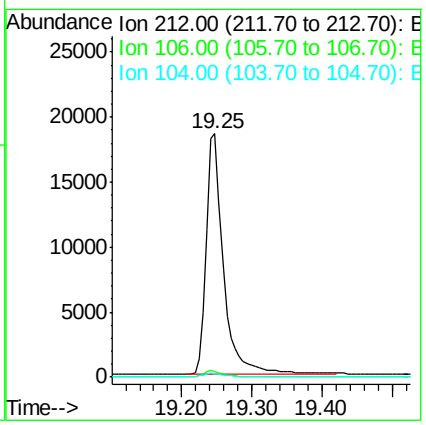


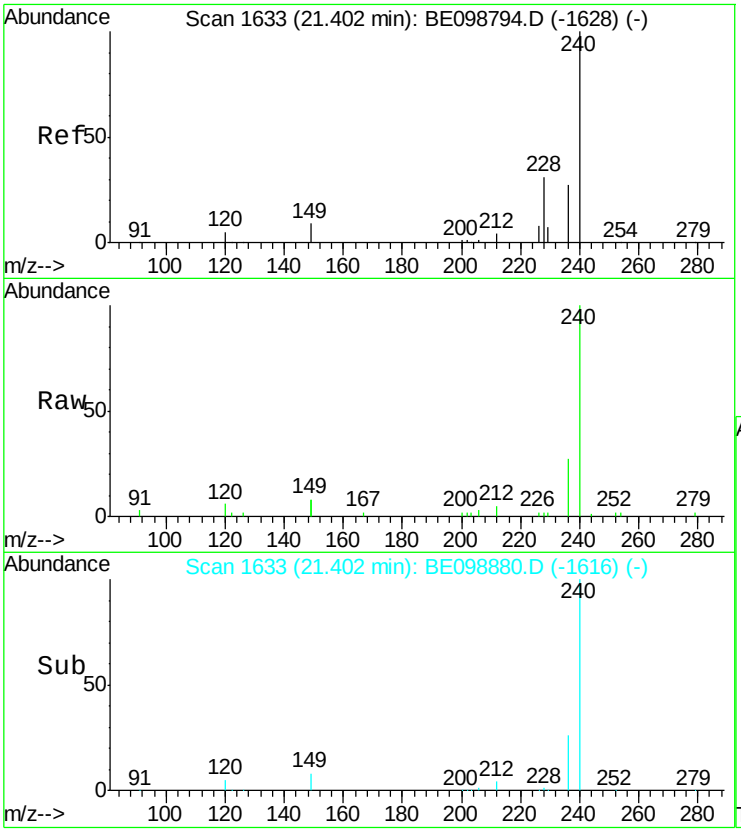


#25
Fluoranthene-d10
Concen: 0.348 ng
RT: 19.25 min Scan# 1389
Delta R.T. 0.00 min
Lab File: BE098880.D
Acq: 12 Mar 2019 3:31

Tgt Ion:212 Resp: 32368

Ion	Ratio	Lower	Upper
212	100		
106	2.3	1.8	2.8
104	1.3	1.0	1.6



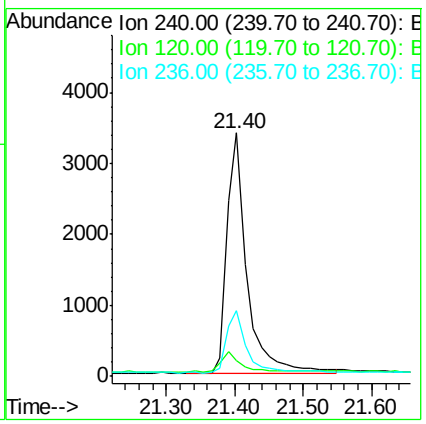


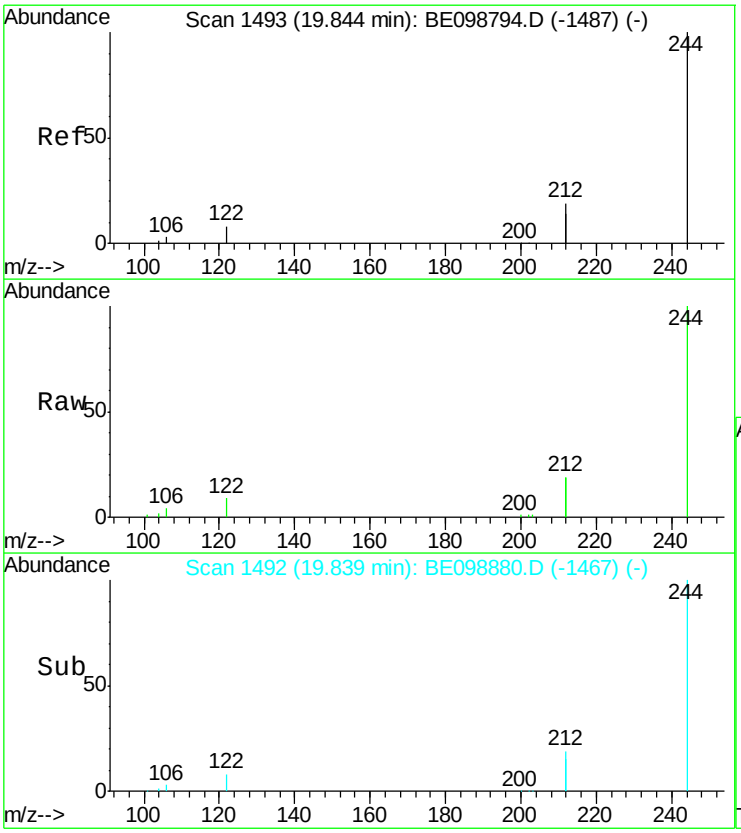
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.40 min Scan# 1633
Delta R.T. 0.00 min
Lab File: BE098880.D
Acq: 12 Mar 2019 3:31

Instrument :
BNA_E
ClientSampleId :
RE122D3-20190308

Tgt Ion:240 Resp: 6855

Ion	Ratio	Lower	Upper
240	100		
120	6.4	5.0	7.4
236	26.8	22.7	34.1

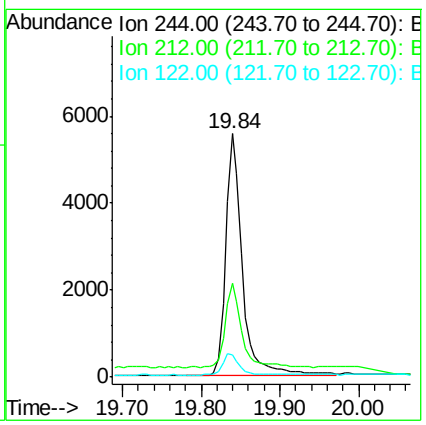


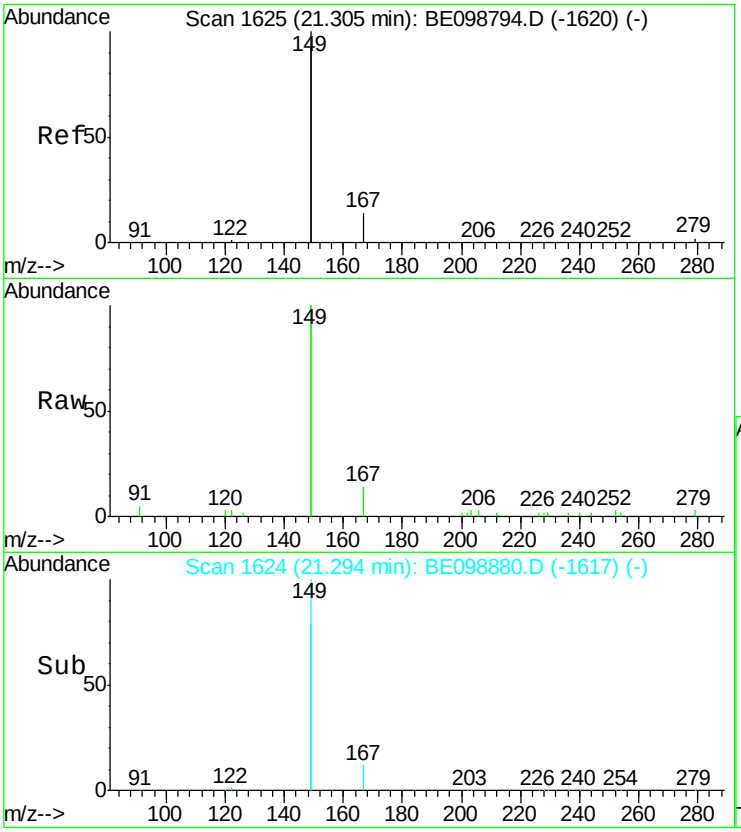


#29
Terphenyl-d14
Concen: 0.485 ng
RT: 19.84 min Scan# 1492
Delta R.T. -0.01 min
Lab File: BE098880.D
Acq: 12 Mar 2019 3:31

Tgt Ion:244 Resp: 8086

Ion	Ratio	Lower	Upper
244	100		
212	38.4	29.4	44.2
122	8.9	7.1	10.7



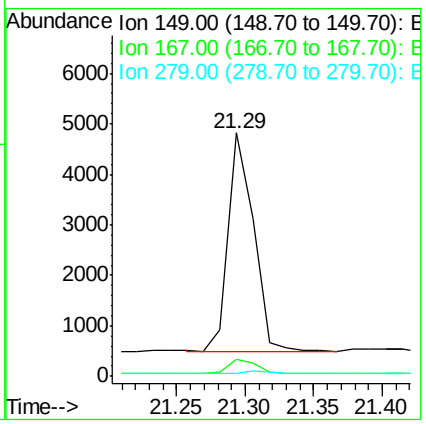


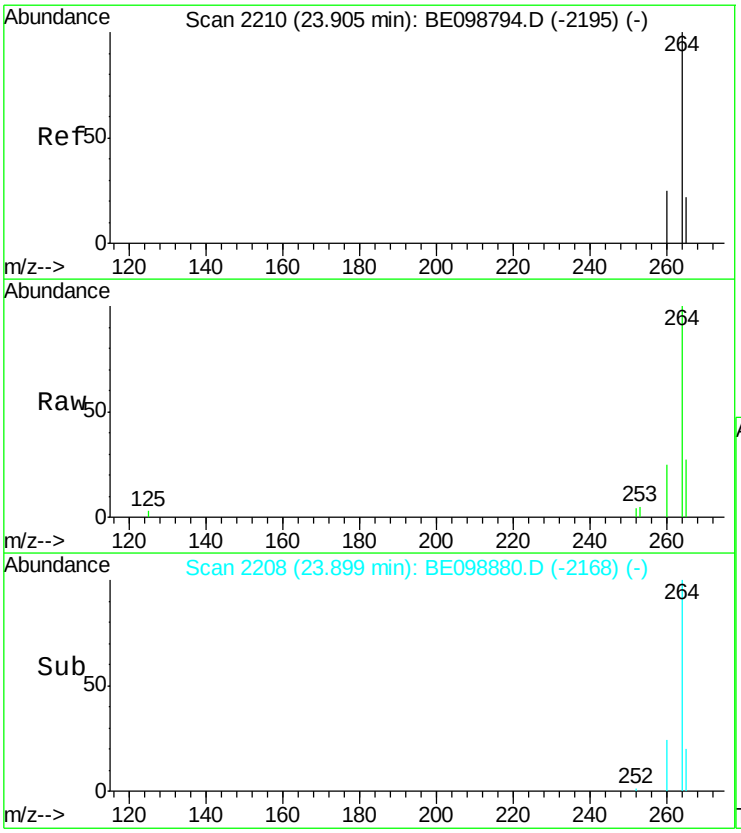
#32
Bis(2-ethylhexyl)phthalate
Concen: 0.121 ng
RT: 21.29 min Scan# 1624
Delta R.T. -0.01 min
Lab File: BE098880.D
Acq: 12 Mar 2019 3:31

Instrument :
BNA_E
ClientSampleId :
RE122D3-20190308

Tgt Ion:149 Resp: 5529

Ion	Ratio	Lower	Upper
149	100		
167	7.2	5.4	8.0
279	1.5	1.0	1.4#





#34
Perylene-d12
Concen: 0.400 ng
RT: 23.90 min Scan# 2208
Delta R.T. -0.01 min
Lab File: BE098880.D
Acq: 12 Mar 2019 3:31

Tgt Ion:264 Resp: 6589

Ion	Ratio	Lower	Upper
264	100		
260	25.1	21.2	31.8
265	27.3	24.6	36.8