Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE121019\
Data File : BE100826.D
Acq On : 11 Dec 2019 1:07
Operator : JU
Sample : K6184-17
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : RE109D1-20191204

Quant Time: Dec 11 05:42:26 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE120419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 04 17:18:11 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	5229	0.40	ng	0.00
7) Naphthalene-d8	10.54	136	23581	0.40	ng	0.00
13) Acenaphthene-d10	14.40	164	13994	0.40	ng	0.00
19) Phenanthrene-d10	17.12	188	33025	0.40	ng	-0.01
27) Chrysene-d12	21.31	240	29025	0.40	ng	0.00
34) Perylene-d12	23.75	264	34950	0.40	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.38	112	2742	0.22	ng	0.00
5) Phenol-d6	6.93	99	2543	0.14	ng	0.00
8) Nitrobenzene-d5	8.90	82	5962	0.53	ng	0.00
11) 2-Methylnaphthalene-d10	12.14	152	13308	0.39	ng	0.00
14) 2,4,6-Tribromophenol	15.88	330	978	0.63	ng	0.00
15) 2-Fluorobiphenyl	13.02	172	18154	0.33	ng	-0.01
25) Fluoranthene-d10	19.16	212	149431	0.38	ng	0.00
29) Terphenyl-d14	19.76	244	28099	0.40	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.34	88	28325	2.971	ng	# 86
3) n-Nitrosodimethylamine	3.66	42	182	0.023	ng	# 10
6) bis(2-Chloroethyl)ether	7.18	93	378	0.021	ng	# 63
32) Bis(2-ethylhexyl)phthalate	21.23	149	12276	0.177	ng	98

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

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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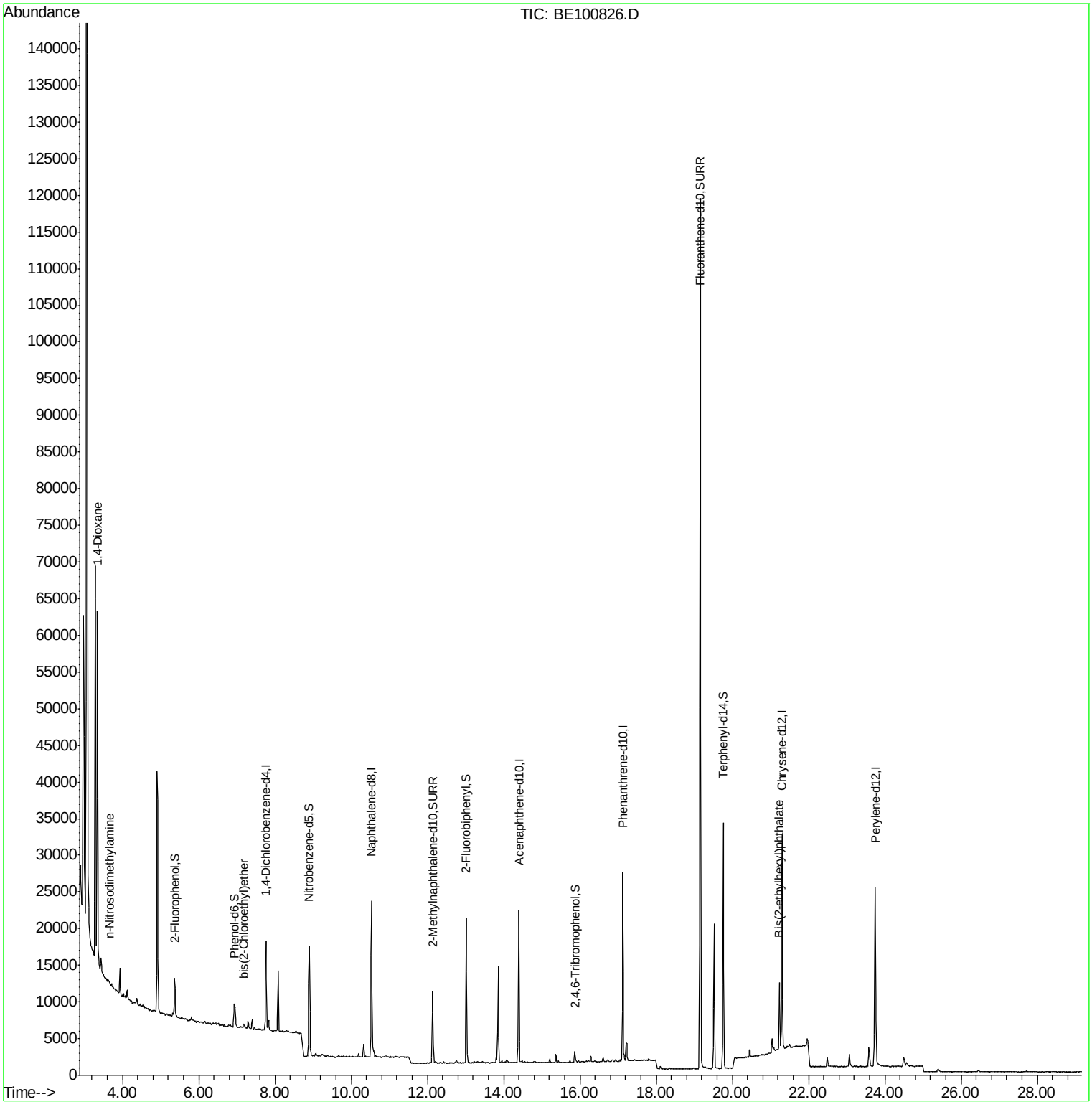
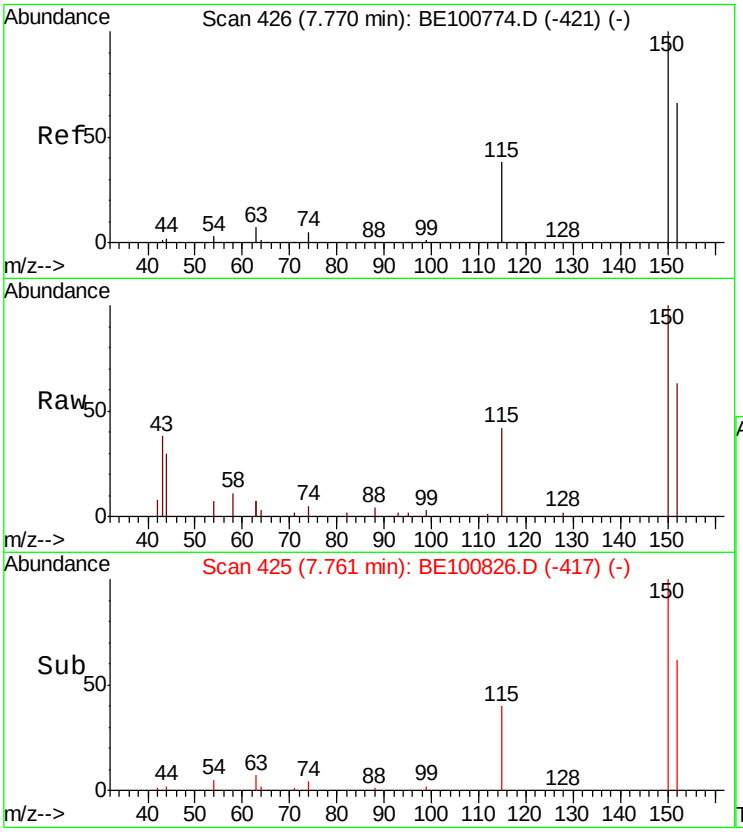


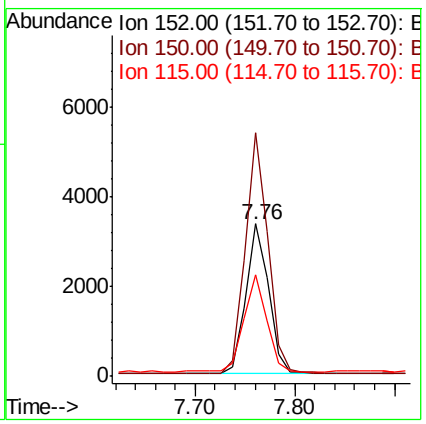


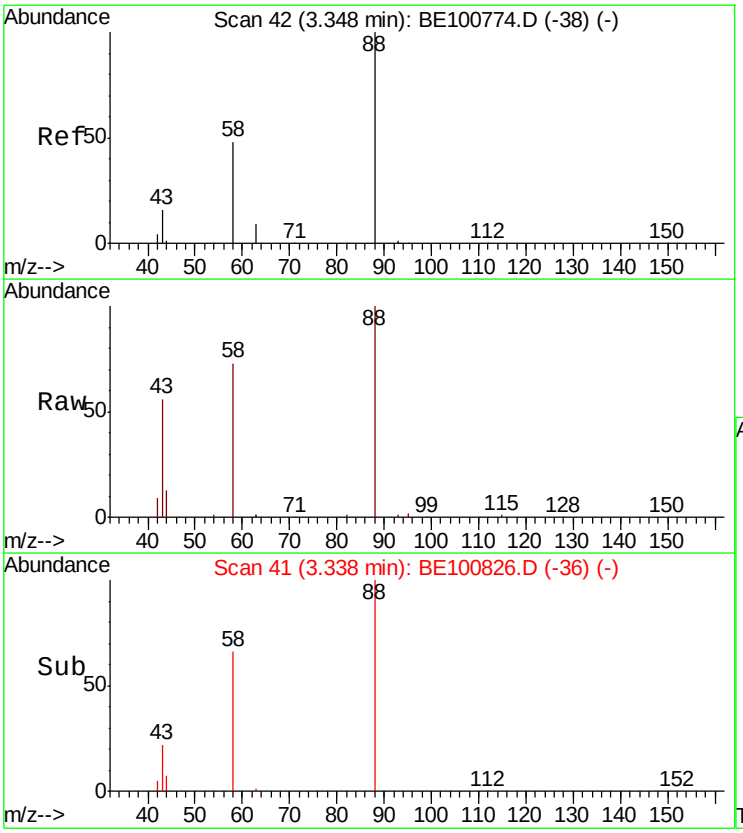
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.76 min Scan# 425
Delta R.T. -0.01 min
Lab File: BE100826.D
Acq: 11 Dec 2019 1:07

Instrument :
BNA_E
ClientSampleId :
RE109D1-20191204

Tgt Ion:152 Resp: 5229

Ion	Ratio	Lower	Upper
152	100		
150	159.5	120.6	181.0
115	66.9	47.4	71.2

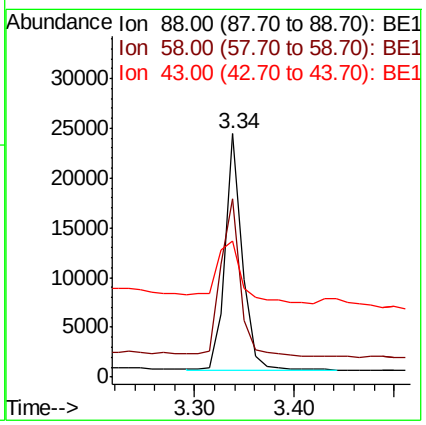


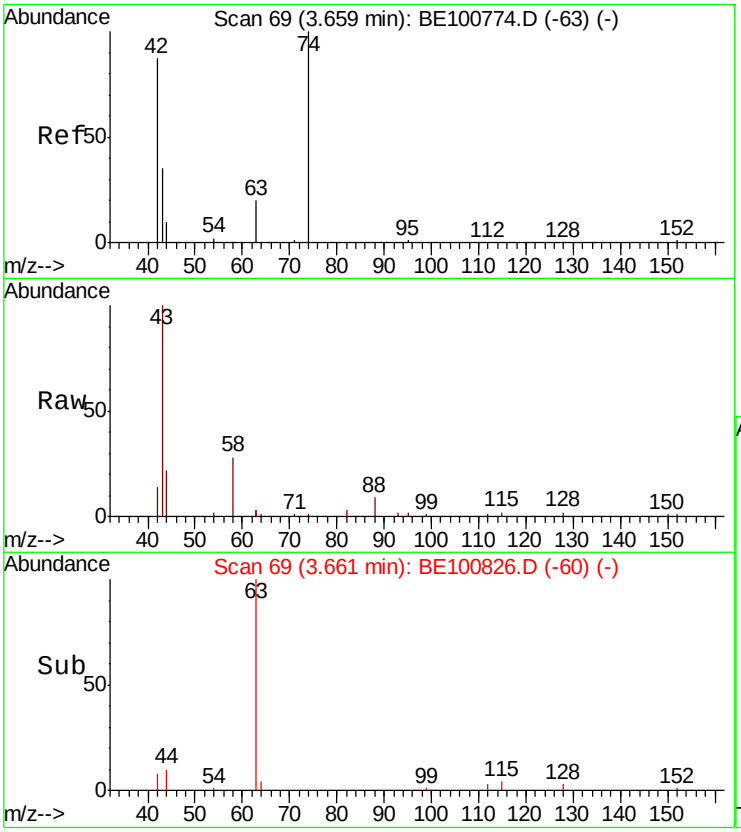


#2
1,4-Dioxane
Concen: 2.971 ng
RT: 3.34 min Scan# 41
Delta R.T. -0.01 min
Lab File: BE100826.D
Acq: 11 Dec 2019 1:07

Tgt Ion: 88 Resp: 28325

Ion	Ratio	Lower	Upper
88	100		
58	74.6	52.5	78.7
43	40.2	23.0	34.6#



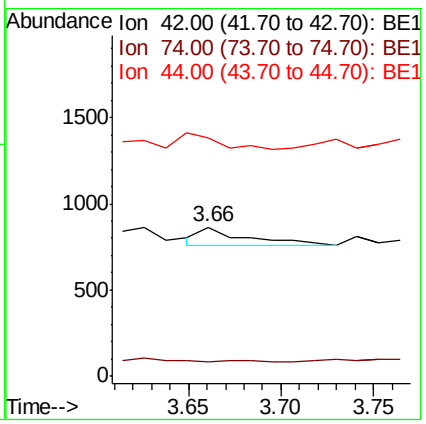


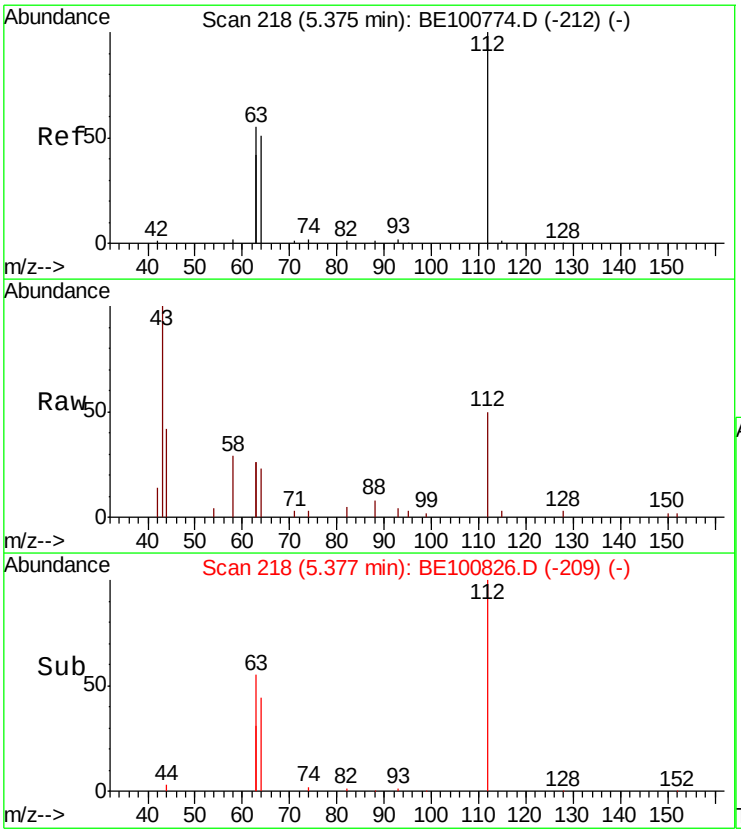
#3
n-Nitrosodimethylamine
Concen: 0.023 ng
RT: 3.66 min Scan# 69
Delta R.T. 0.00 min
Lab File: BE100826.D
Acq: 11 Dec 2019 1:07

Instrument :
BNA_E
ClientSampleId :
RE109D1-20191204

Tgt Ion: 42 Resp: 182

Ion	Ratio	Lower	Upper
42	100		
74	6.6	86.3	129.5#
44	0.0	11.6	17.4#

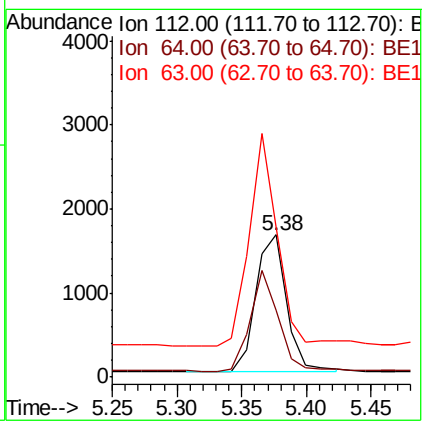


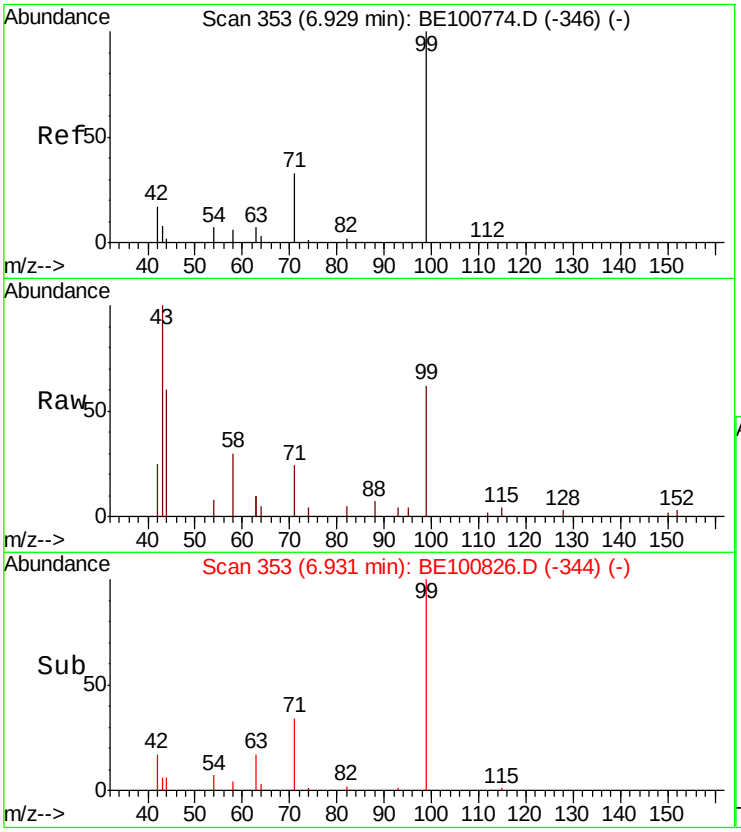


#4
2-Fluorophenol
Concen: 0.221 ng
RT: 5.38 min Scan# 218
Delta R.T. 0.00 min
Lab File: BE100826.D
Acq: 11 Dec 2019 1:07

Tgt Ion:112 Resp: 2742

Ion	Ratio	Lower	Upper
112	100		
64	65.9	54.1	81.1
63	138.5	113.2	169.8



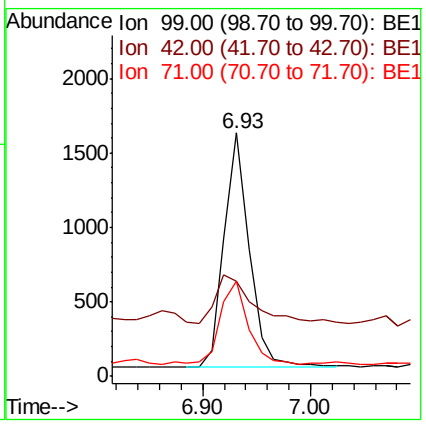


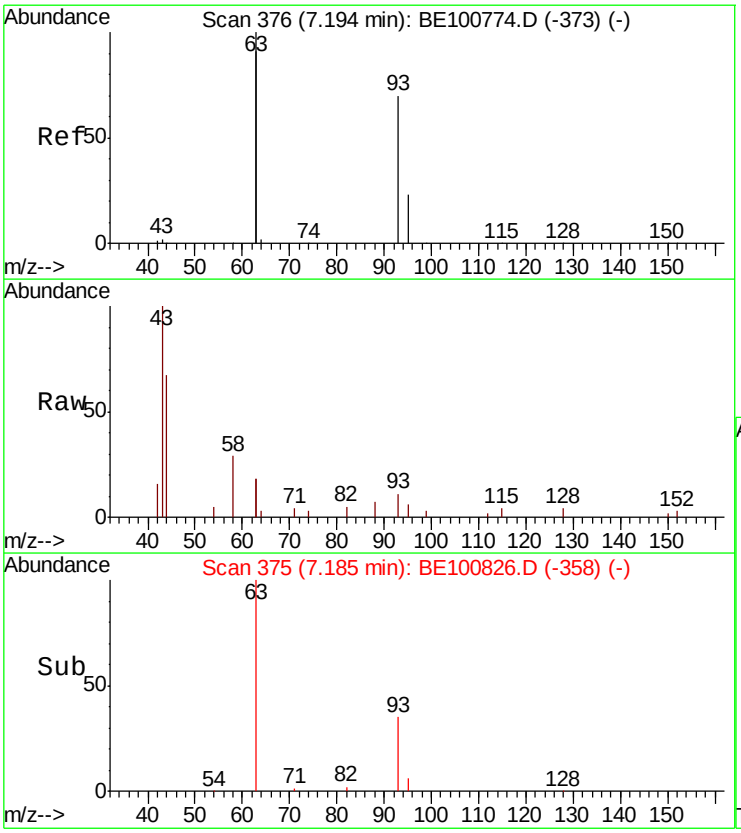
#5
Phenol-d6
Concen: 0.136 ng
RT: 6.93 min Scan# 353
Delta R.T. 0.00 min
Lab File: BE100826.D
Acq: 11 Dec 2019 1:07

Instrument :
BNA_E
ClientSampleId :
RE109D1-20191204

Tgt Ion: 99 Resp: 2543

Ion	Ratio	Lower	Upper
99	100		
42	31.9	19.1	28.7#
71	39.4	27.7	41.5

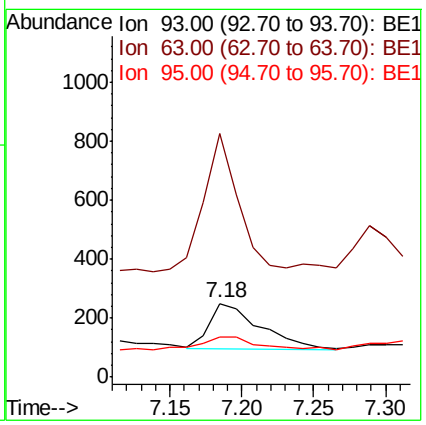


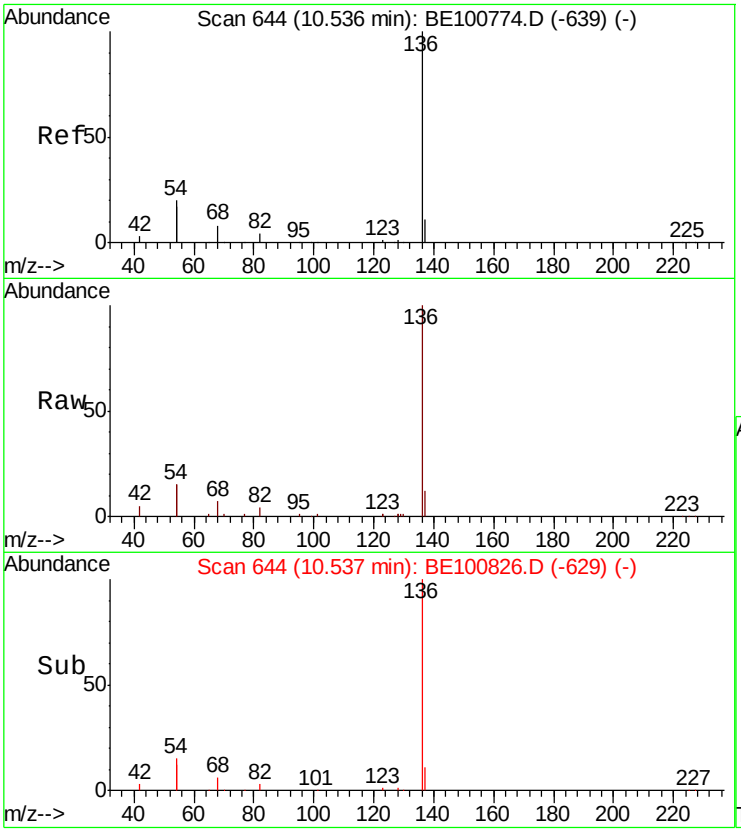


#6
bis(2-Chloroethyl)ether
Concen: 0.021 ng
RT: 7.18 min Scan# 375
Delta R.T. -0.01 min
Lab File: BE100826.D
Acq: 11 Dec 2019 1:07

Tgt Ion: 93 Resp: 378

Ion	Ratio	Lower	Upper
93	100		
63	242.3	259.4	389.0#
95	38.6	26.2	39.2



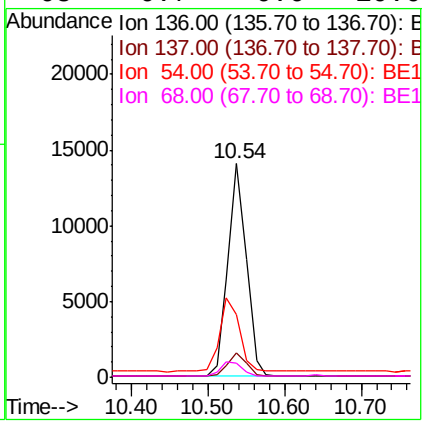


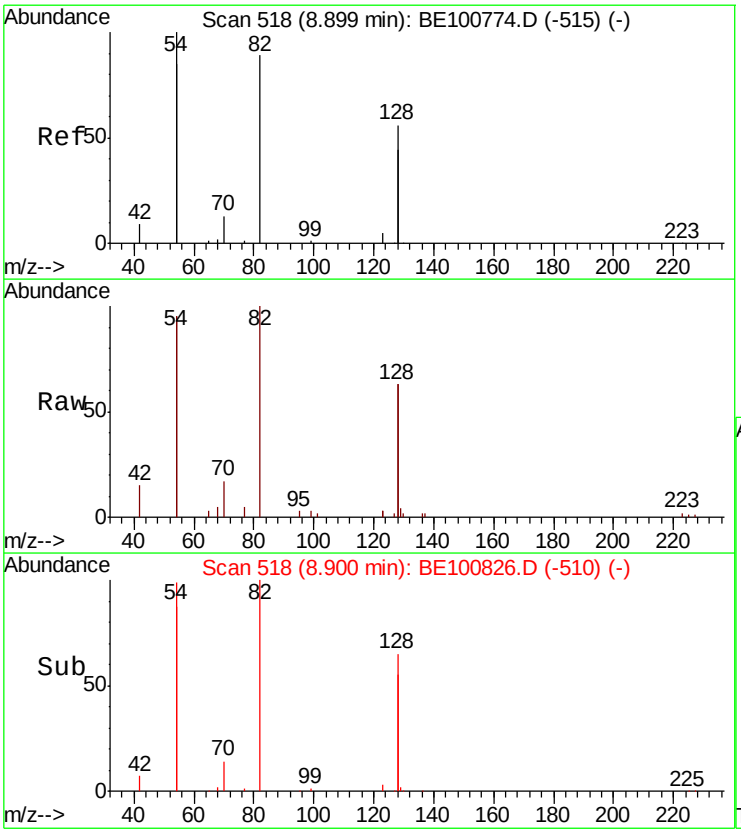
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.54 min Scan# 644
Delta R.T. 0.00 min
Lab File: BE100826.D
Acq: 11 Dec 2019 1:07

Instrument :
BNA_E
ClientSampleId :
RE109D1-20191204

Tgt Ion:136 Resp: 23581

Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.4	14.0
54	29.3	31.1	46.7#
68	6.7	6.6	10.0

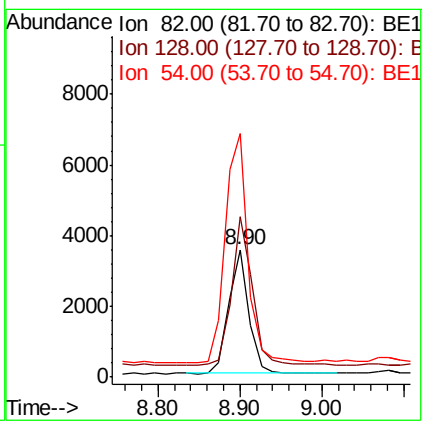


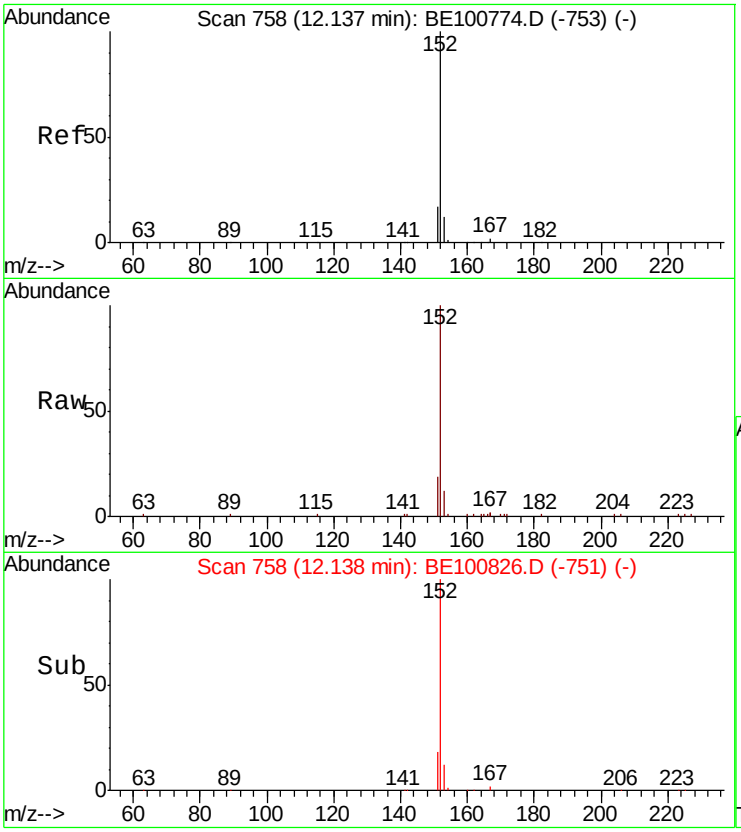


#8
Nitrobenzene-d5
Concen: 0.531 ng
RT: 8.90 min Scan# 518
Delta R.T. 0.00 min
Lab File: BE100826.D
Acq: 11 Dec 2019 1:07

Tgt Ion: 82 Resp: 5962

Ion	Ratio	Lower	Upper
82	100		
128	125.5	97.0	145.4
54	190.9	171.8	257.6



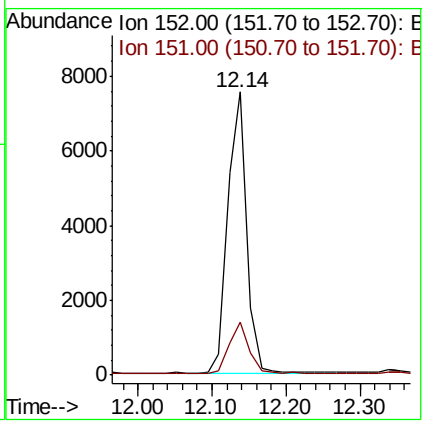


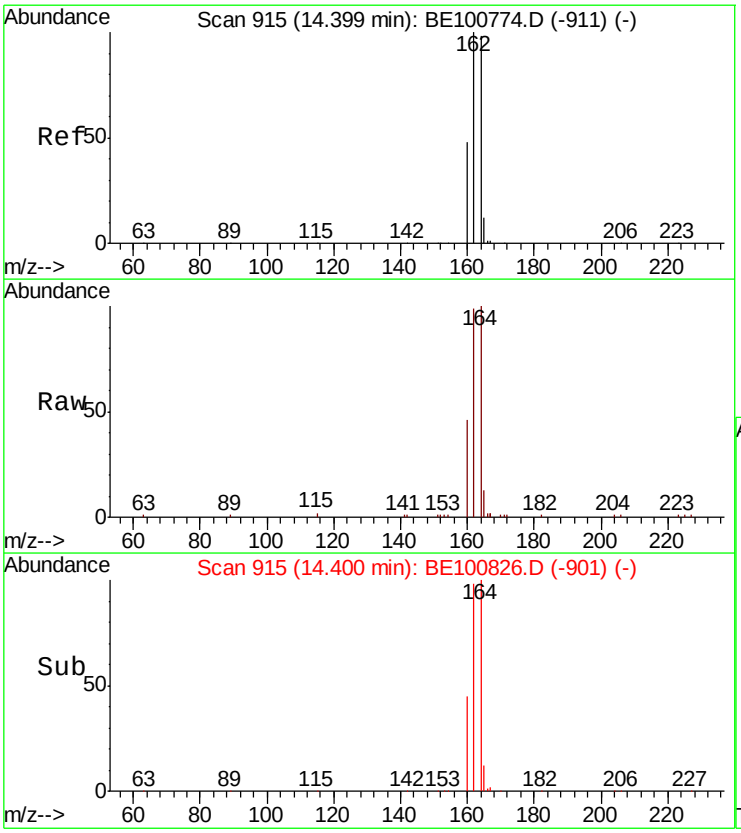
#11
2-Methylnaphthalene-d10
Concen: 0.389 ng
RT: 12.14 min Scan# 758
Delta R.T. 0.00 min
Lab File: BE100826.D
Acq: 11 Dec 2019 1:07

Instrument :
BNA_E
ClientSampleId :
RE109D1-20191204

Tgt Ion:152 Resp: 13308

Ion	Ratio	Lower	Upper
152	100		
151	19.0	15.8	23.8

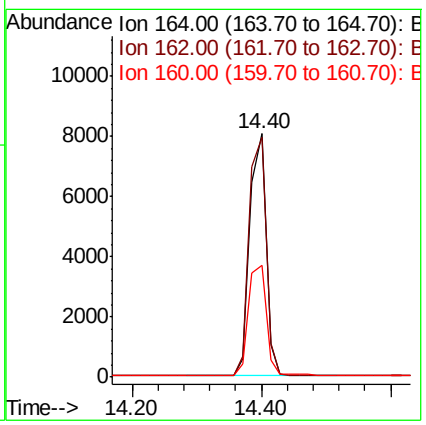


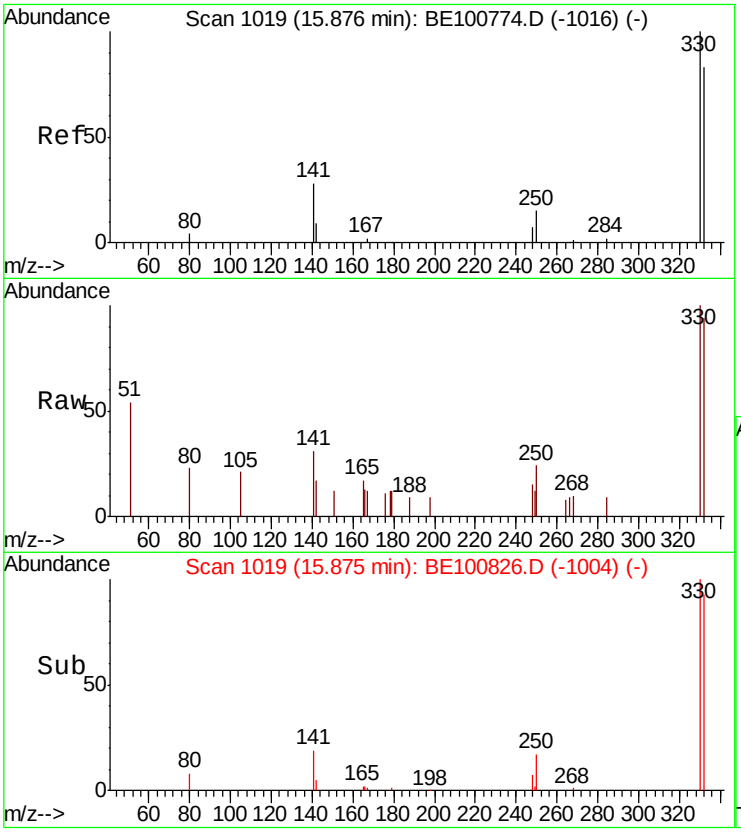


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.40 min Scan# 915
Delta R.T. 0.00 min
Lab File: BE100826.D
Acq: 11 Dec 2019 1:07

Tgt Ion:164 Resp: 13994

Ion	Ratio	Lower	Upper
164	100		
162	98.6	81.4	122.0
160	46.0	39.4	59.0



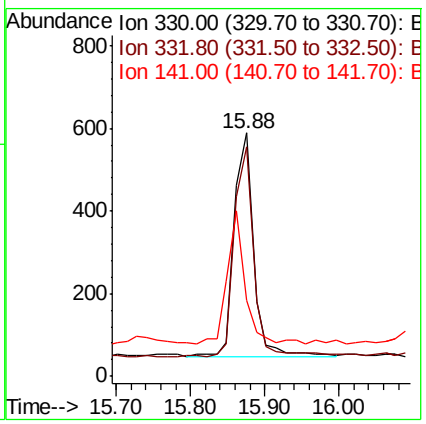


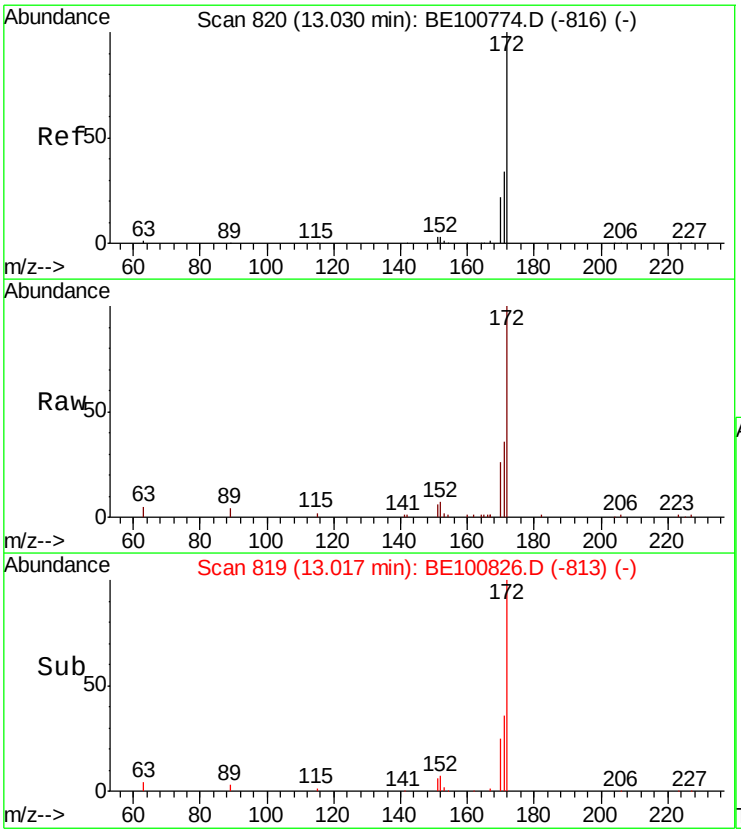
#14
2,4,6-Tribromophenol
Concen: 0.628 ng
RT: 15.88 min Scan# 1019
Delta R.T. -0.00 min
Lab File: BE100826.D
Acq: 11 Dec 2019 1:07

Instrument :
BNA_E
ClientSampleId :
RE109D1-20191204

Tgt Ion:330 Resp: 978

Ion	Ratio	Lower	Upper
330	100		
332	97.4	69.4	104.2
141	54.5	51.1	76.7

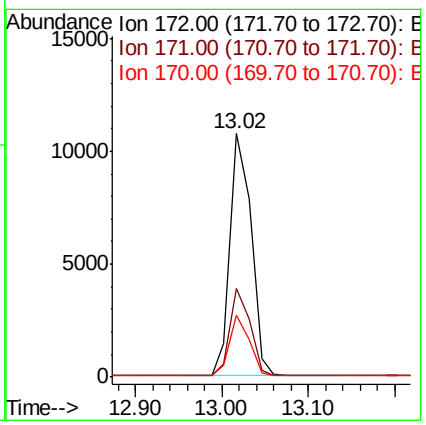


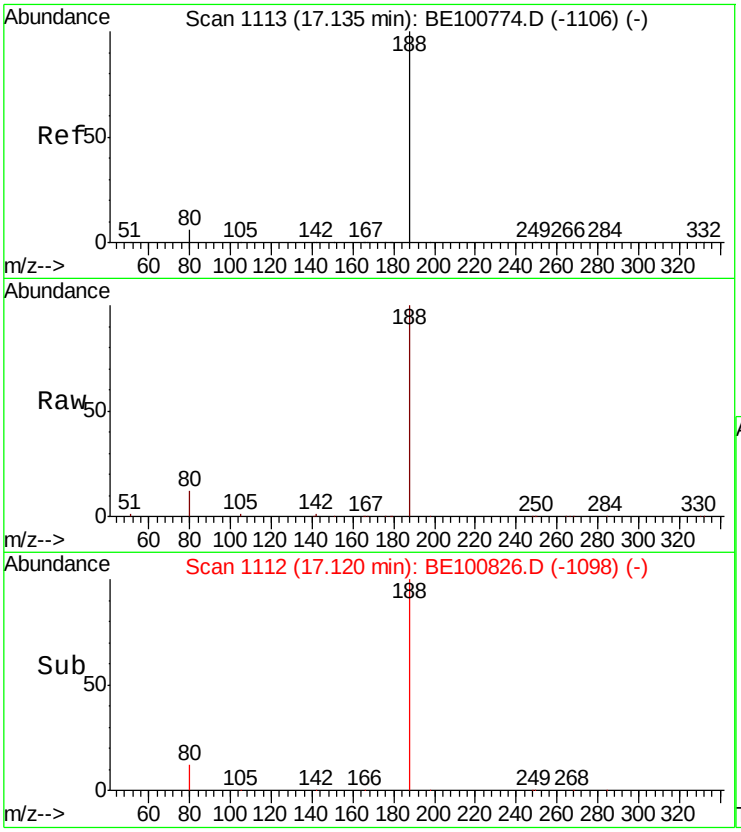


#15
2-Fluorobiphenyl
Concen: 0.327 ng
RT: 13.02 min Scan# 819
Delta R.T. -0.01 min
Lab File: BE100826.D
Acq: 11 Dec 2019 1:07

Tgt Ion:172 Resp: 18154

Ion	Ratio	Lower	Upper
172	100		
171	36.3	27.2	40.8
170	25.6	18.0	27.0



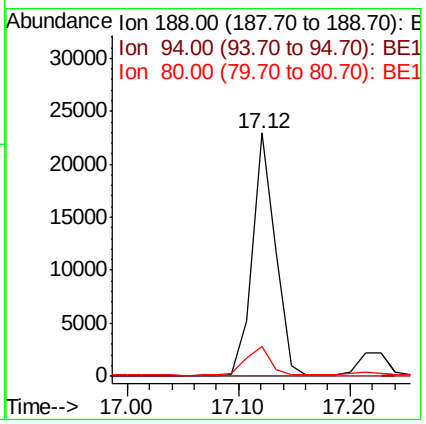


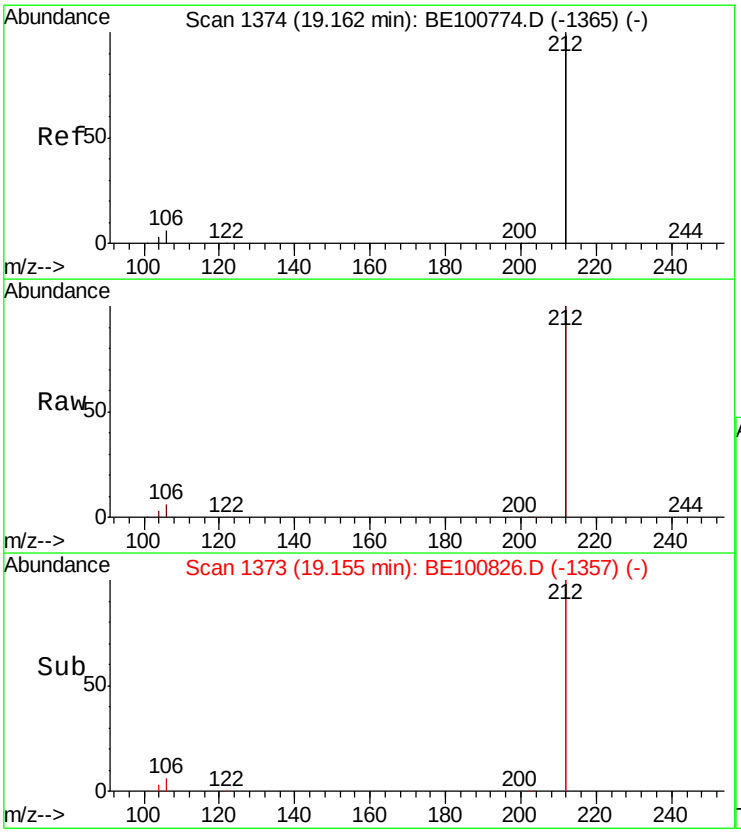
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.12 min Scan# 1112
Delta R.T. -0.01 min
Lab File: BE100826.D
Acq: 11 Dec 2019 1:07

Instrument :
BNA_E
ClientSampleId :
RE109D1-20191204

Tgt Ion:188 Resp: 33025

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	12.2	5.2	7.8#

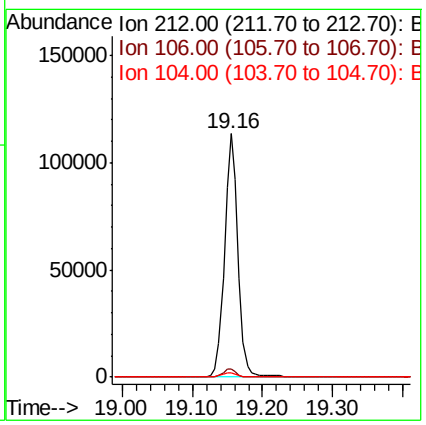


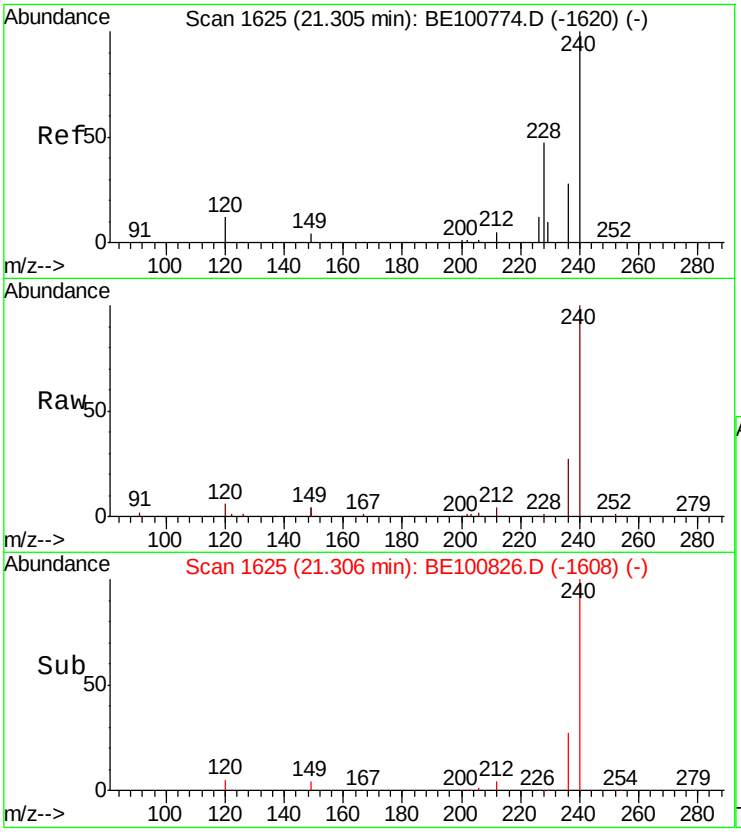


#25
Fluoranthene-d10
Concen: 0.383 ng
RT: 19.16 min Scan# 1373
Delta R.T. -0.01 min
Lab File: BE100826.D
Acq: 11 Dec 2019 1:07

Tgt Ion:212 Resp: 149431

Ion	Ratio	Lower	Upper
212	100		
106	3.3	2.6	3.8
104	1.8	1.4	2.2



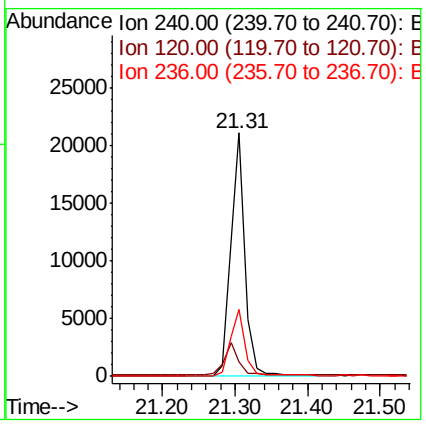


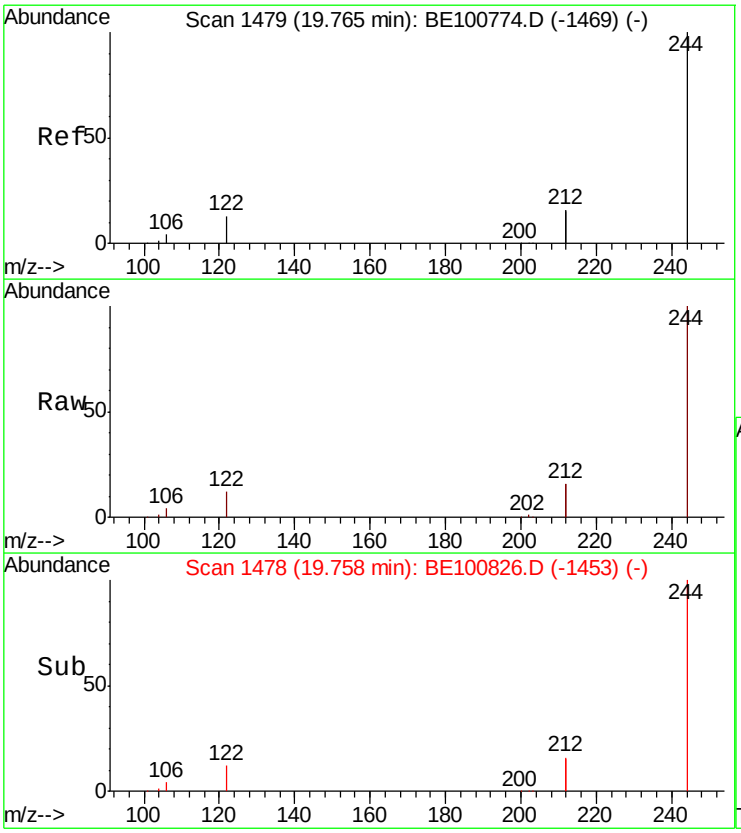
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.31 min Scan# 1625
Delta R.T. 0.00 min
Lab File: BE100826.D
Acq: 11 Dec 2019 1:07

Instrument :
BNA_E
ClientSampleId :
RE109D1-20191204

Tgt Ion:240 Resp: 29025

Ion	Ratio	Lower	Upper
240	100		
120	5.9	10.2	15.2#
236	27.4	22.3	33.5

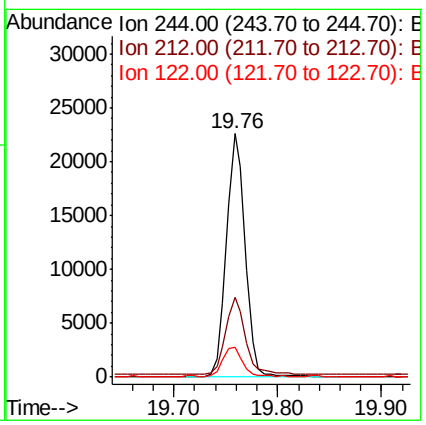


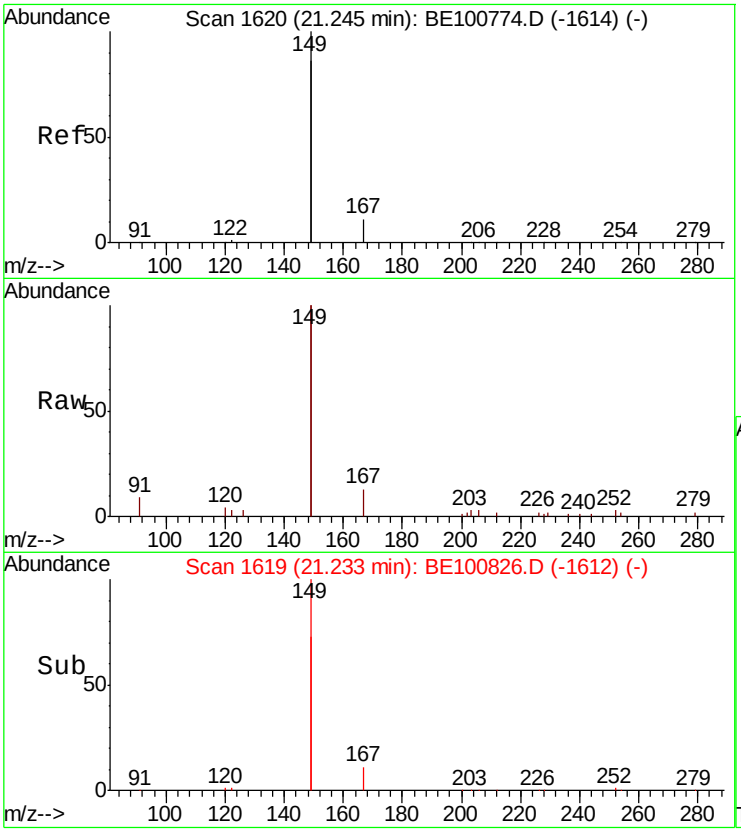


#29
Terphenyl-d14
Concen: 0.404 ng
RT: 19.76 min Scan# 1478
Delta R.T. -0.01 min
Lab File: BE100826.D
Acq: 11 Dec 2019 1:07

Tgt Ion:244 Resp: 28099

Ion	Ratio	Lower	Upper
244	100		
212	32.5	26.2	39.4
122	12.1	10.2	15.4



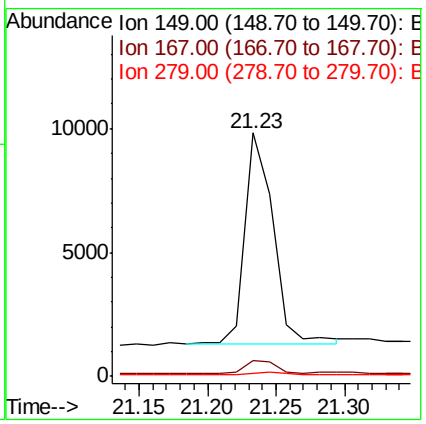


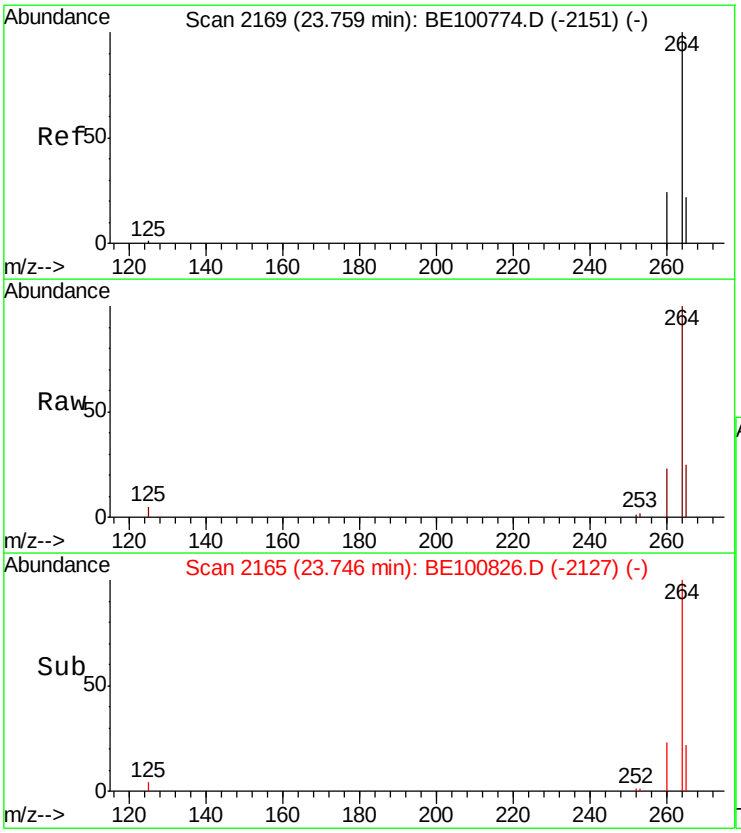
#32
Bis(2-ethylhexyl)phthalate
Concen: 0.177 ng
RT: 21.23 min Scan# 1619
Delta R.T. -0.01 min
Lab File: BE100826.D
Acq: 11 Dec 2019 1:07

Instrument :
BNA_E
ClientSampleId :
RE109D1-20191204

Tgt Ion:149 Resp: 12276

Ion	Ratio	Lower	Upper
149	100		
167	7.1	5.0	7.6
279	1.0	0.7	1.1





#34
Perylene-d12
Concen: 0.400 ng
RT: 23.75 min Scan# 2165
Delta R.T. -0.01 min
Lab File: BE100826.D
Acq: 11 Dec 2019 1:07

Tgt Ion:264 Resp: 34950

Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.4	29.2
265	25.4	21.8	32.8