Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE121119\
Data File : BE100852.D
Acq On : 11 Dec 2019 18:43
Operator : JU
Sample : K6185-18
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : DUP03-20191205

Quant Time: Dec 12 04:43:06 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	4973	0.40	ng		-0.01
7) Naphthalene-d8	10.54	136	23388	0.40	ng		0.00
13) Acenaphthene-d10	14.40	164	13959	0.40	ng		0.00
19) Phenanthrene-d10	17.12	188	33518	0.40	ng		-0.01
27) Chrysene-d12	21.30	240	29147	0.40	ng		0.00
34) Perylene-d12	23.75	264	34148	0.40	ng		-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.37	112	2229	0.19	ng		0.00
5) Phenol-d6	6.93	99	2112	0.12	ng		0.00
8) Nitrobenzene-d5	8.90	82	5585	0.50	ng		0.00
11) 2-Methylnaphthalene-d10	12.14	152	14641	0.43	ng		0.00
14) 2,4,6-Tribromophenol	15.88	330	994	0.64	ng		0.00
15) 2-Fluorobiphenyl	13.02	172	20173	0.36	ng		-0.01
25) Fluoranthene-d10	19.15	212	157065	0.40	ng		0.00
29) Terphenyl-d14	19.76	244	30094	0.43	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.33	88	68193	7.521	ng		90
3) n-Nitrosodimethylamine	3.73	42	178	0.024	ng	#	5
6) bis(2-Chloroethyl)ether	7.19	93	375	0.022	ng		93
32) Bis(2-ethylhexyl)phthalate	21.23	149	10391	0.136	ng		97

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE121119\
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Acq On : 11 Dec 2019 18:43
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Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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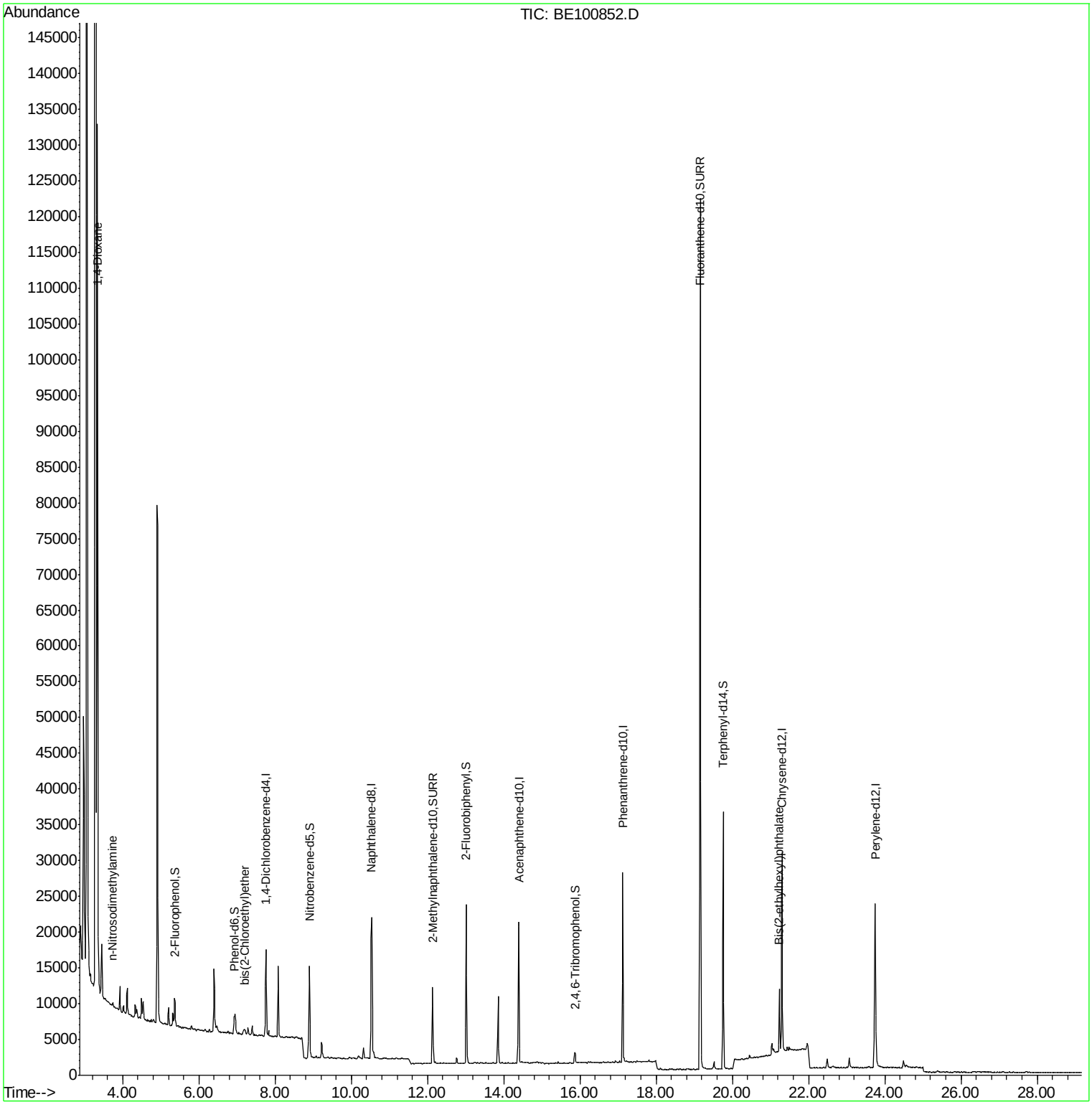
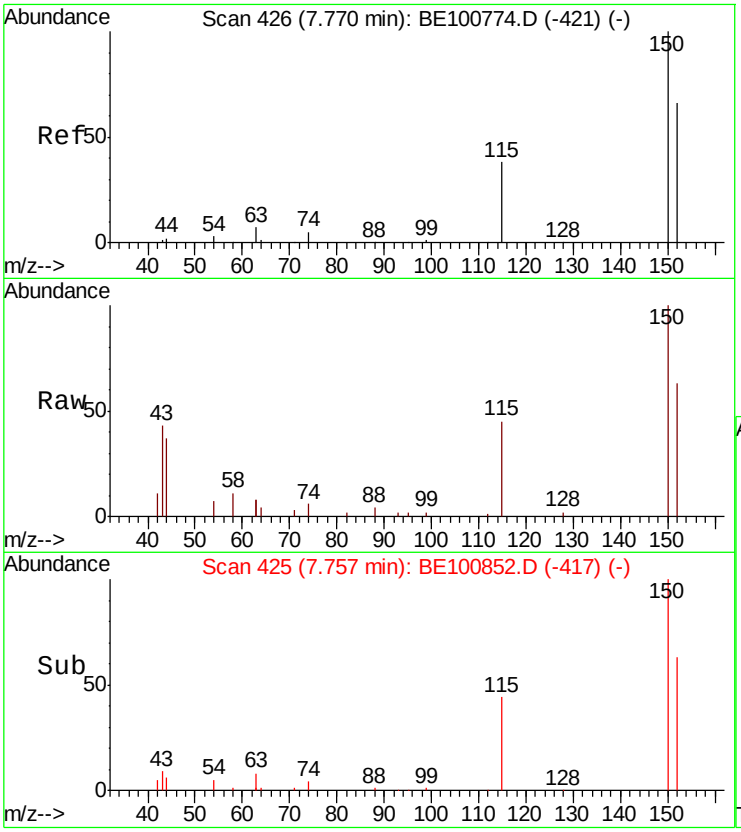
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 04 17:18:11 2019
Response via : Initial Calibration



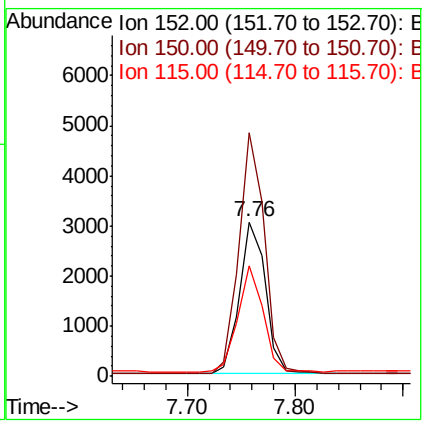


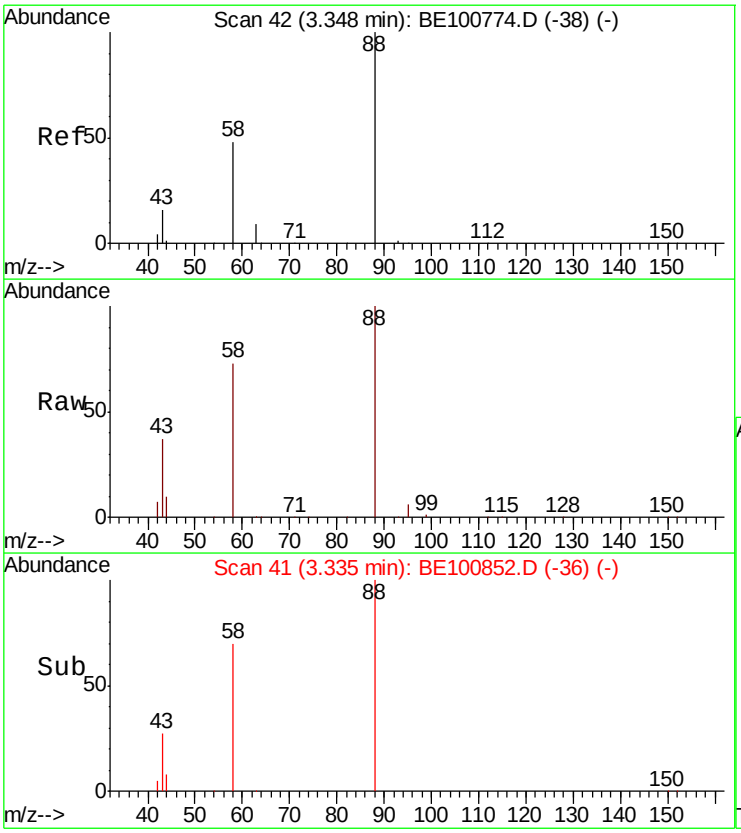
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.76 min Scan# 425
Delta R.T. -0.01 min
Lab File: BE100852.D
Acq: 11 Dec 2019 18:43

Instrument :
BNA_E
ClientSampleId :
DUP03-20191205

Tgt Ion:152 Resp: 4973

Ion	Ratio	Lower	Upper
152	100		
150	157.5	120.6	181.0
115	71.2	47.4	71.2#

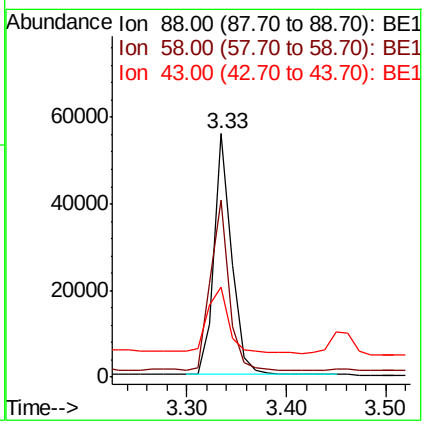


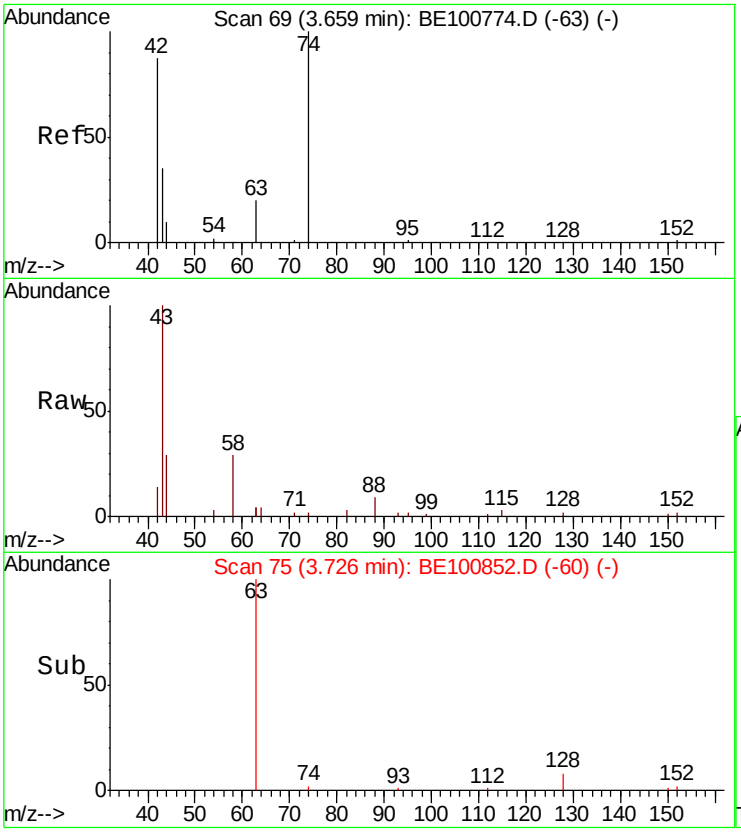


#2
1,4-Dioxane
Concen: 7.521 ng
RT: 3.33 min Scan# 41
Delta R.T. -0.01 min
Lab File: BE100852.D
Acq: 11 Dec 2019 18:43

Tgt Ion: 88 Resp: 68193

Ion	Ratio	Lower	Upper
88	100		
58	74.2	52.5	78.7
43	33.7	23.0	34.6



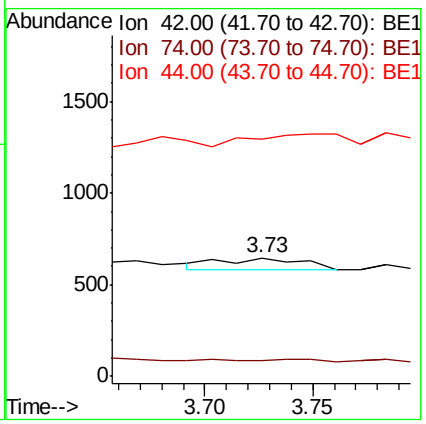


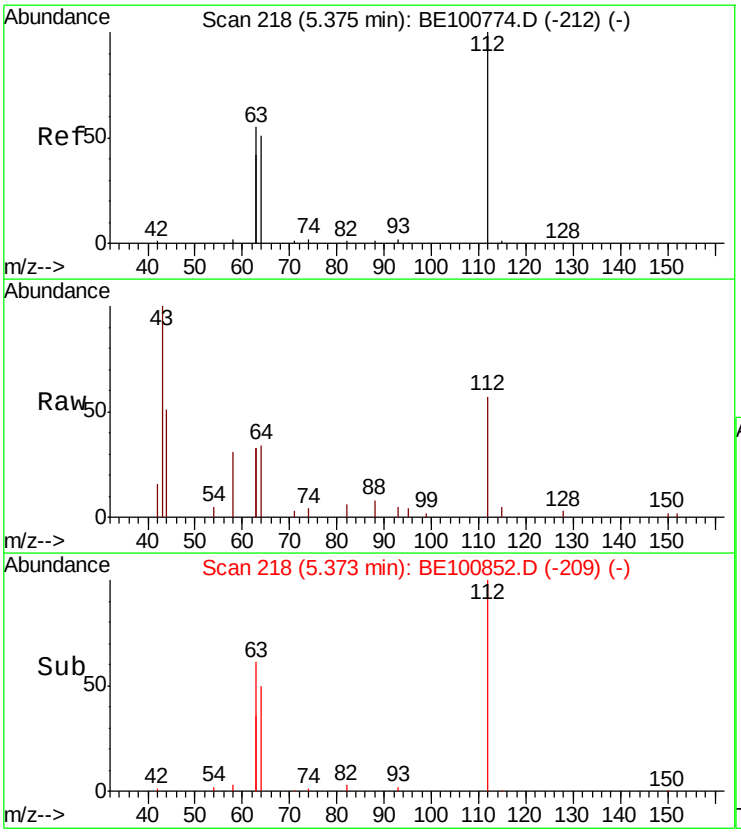
#3
n-Nitrosodimethylamine
Concen: 0.024 ng
RT: 3.73 min Scan# 75
Delta R.T. 0.07 min
Lab File: BE100852.D
Acq: 11 Dec 2019 18:43

Instrument :
BNA_E
ClientSampleId :
DUP03-20191205

Tgt Ion: 42 Resp: 178

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

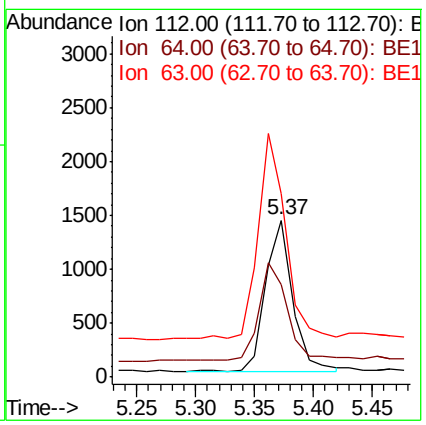


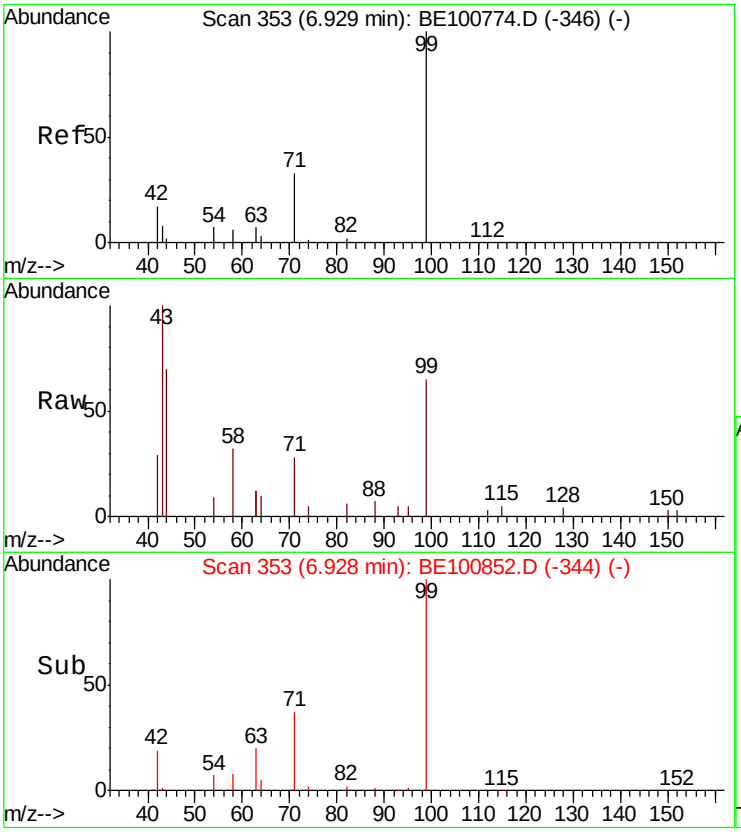


#4
2-Fluorophenol
Concen: 0.189 ng
RT: 5.37 min Scan# 218
Delta R.T. -0.00 min
Lab File: BE100852.D
Acq: 11 Dec 2019 18:43

Tgt Ion:112 Resp: 2229

Ion	Ratio	Lower	Upper
112	100		
64	68.5	54.1	81.1
63	138.6	113.2	169.8



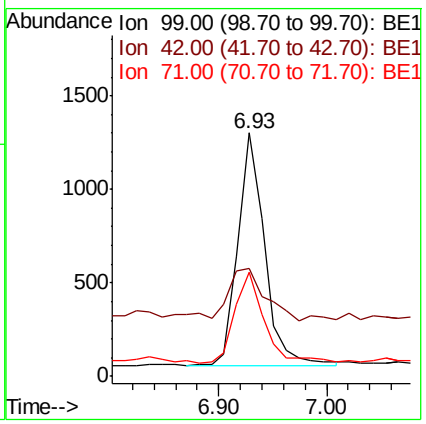


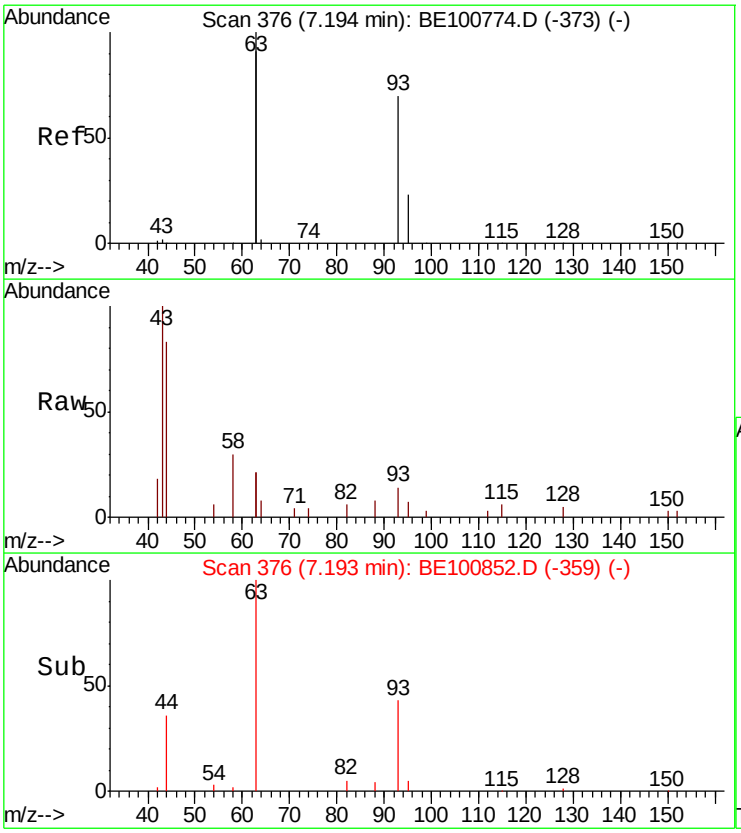
#5
Phenol-d6
Concen: 0.119 ng
RT: 6.93 min Scan# 353
Delta R.T. -0.00 min
Lab File: BE100852.D
Acq: 11 Dec 2019 18:43

Instrument :
BNA_E
ClientSampleId :
DUP03-20191205

Tgt Ion: 99 Resp: 2112

Ion	Ratio	Lower	Upper
99	100		
42	26.2	19.1	28.7
71	42.9	27.7	41.5#

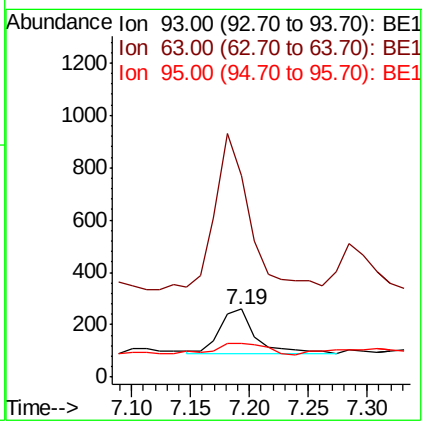


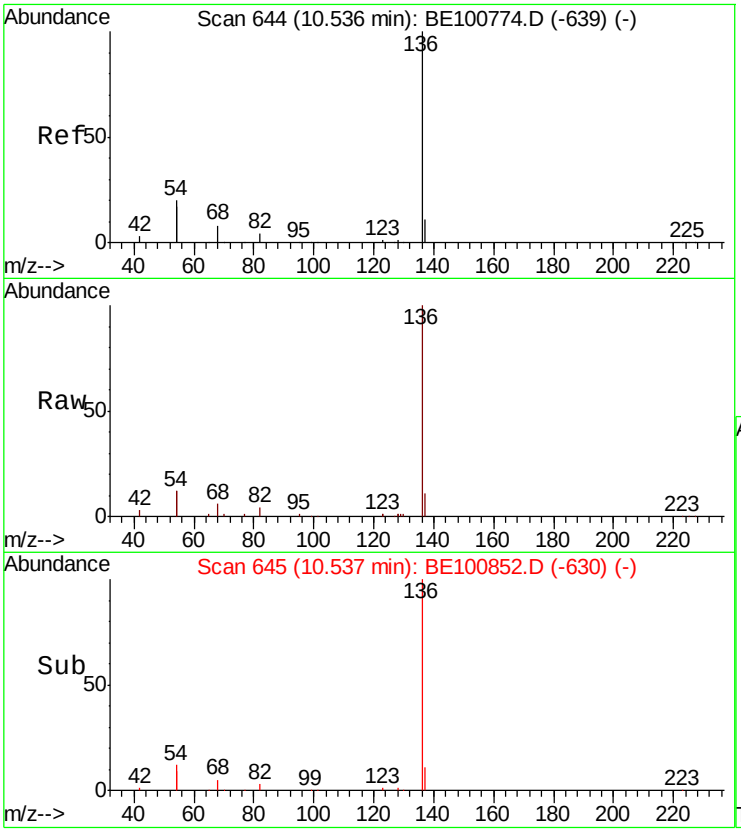


#6
bis(2-Chloroethyl)ether
Concen: 0.022 ng
RT: 7.19 min Scan# 376
Delta R.T. -0.00 min
Lab File: BE100852.D
Acq: 11 Dec 2019 18:43

Tgt Ion: 93 Resp: 375

Ion	Ratio	Lower	Upper
93	100		
63	309.1	259.4	389.0
95	33.1	26.2	39.2



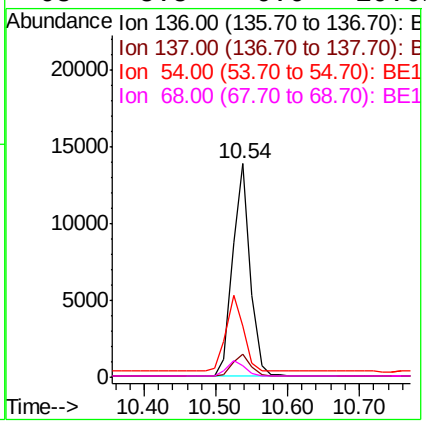


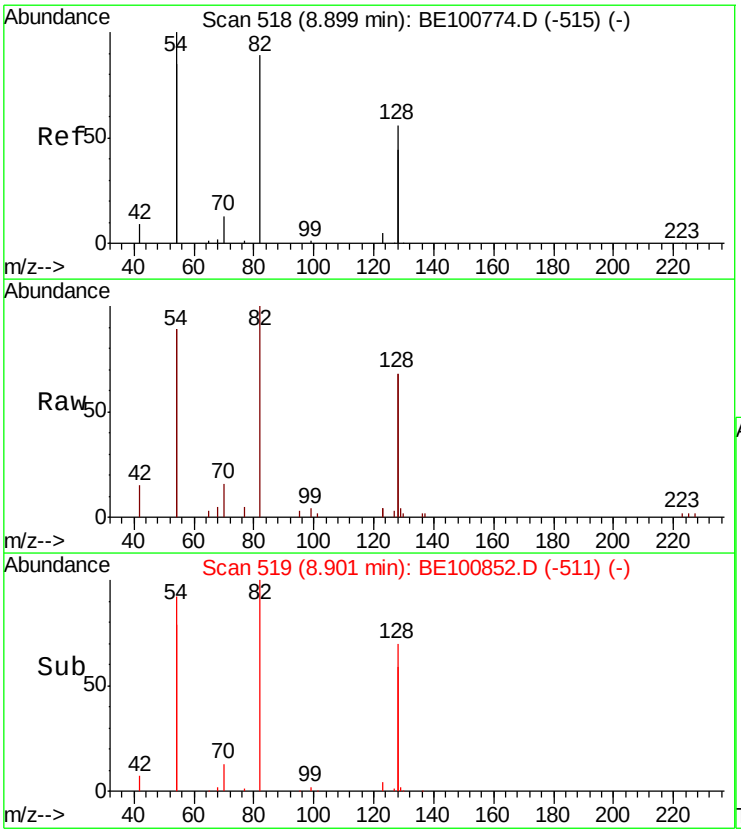
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.54 min Scan# 645
Delta R.T. 0.00 min
Lab File: BE100852.D
Acq: 11 Dec 2019 18:43

Instrument :
BNA_E
ClientSampleId :
DUP03-20191205

Tgt Ion:136 Resp: 23388

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.4	14.0
54	24.2	31.1	46.7#
68	5.5	6.6	10.0#

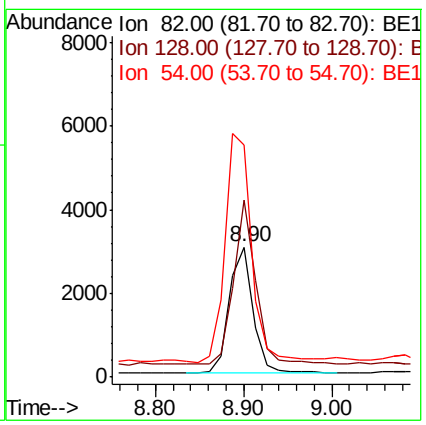


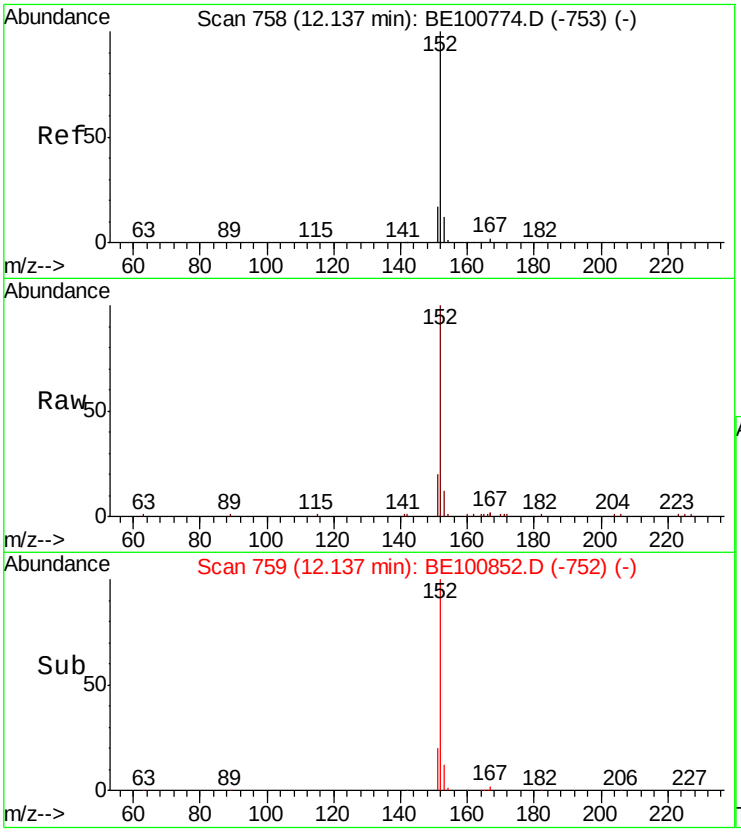


#8
Nitrobenzene-d5
Concen: 0.501 ng
RT: 8.90 min Scan# 519
Delta R.T. 0.00 min
Lab File: BE100852.D
Acq: 11 Dec 2019 18:43

Tgt Ion: 82 Resp: 5585

Ion	Ratio	Lower	Upper
82	100		
128	135.6	97.0	145.4
54	178.4	171.8	257.6



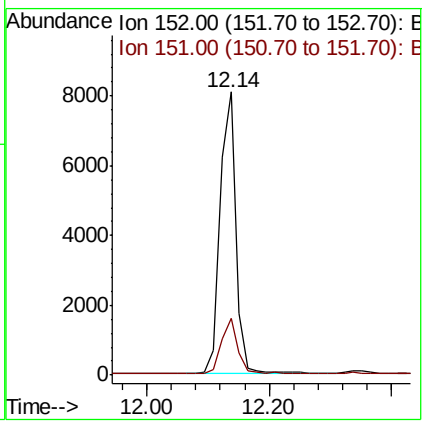


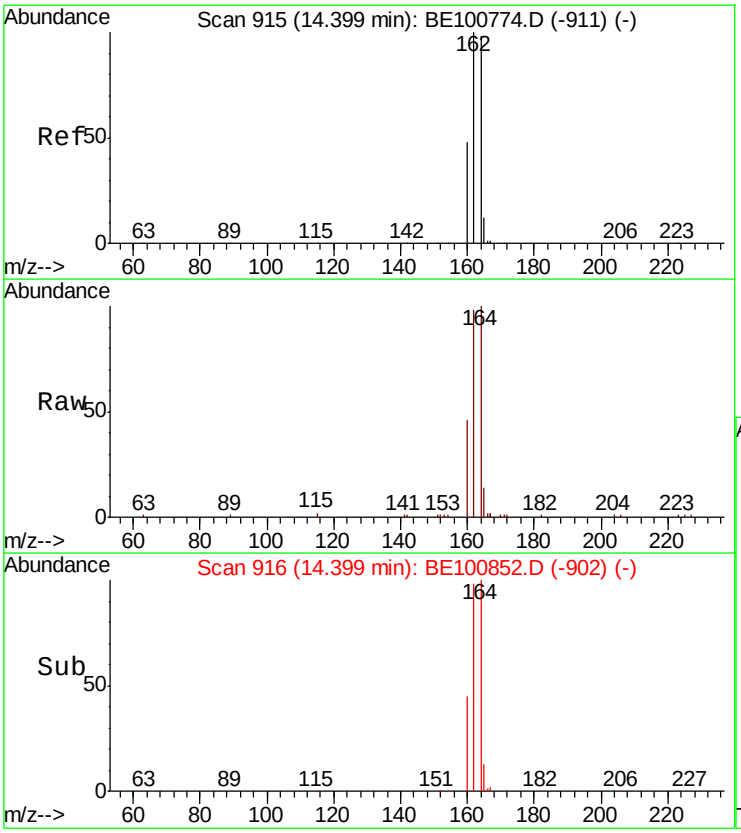
#11
2-Methylnaphthalene-d10
Concen: 0.432 ng
RT: 12.14 min Scan# 759
Delta R.T. 0.00 min
Lab File: BE100852.D
Acq: 11 Dec 2019 18:43

Instrument :
BNA_E
ClientSampleId :
DUP03-20191205

Tgt Ion:152 Resp: 14641

Ion	Ratio	Lower	Upper
152	100		
151	19.8	15.8	23.8

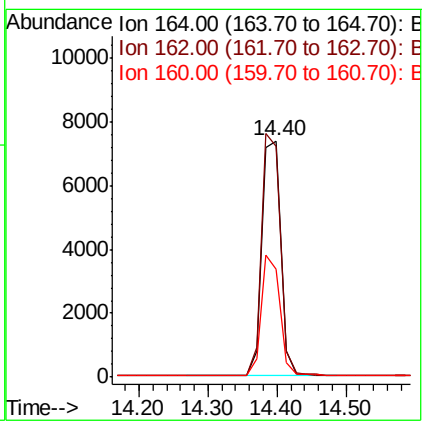


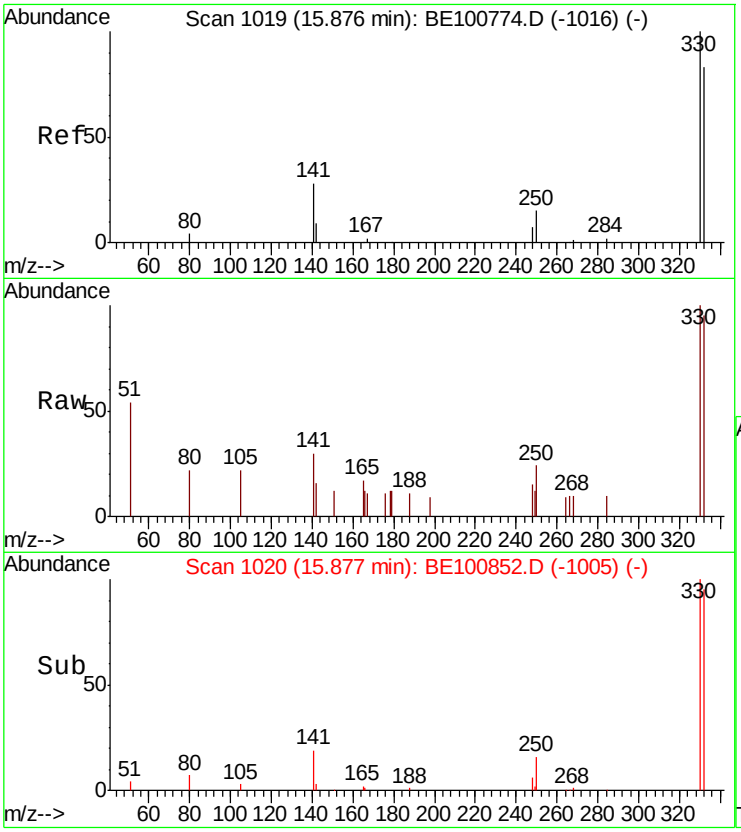


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.40 min Scan# 916
Delta R.T. 0.00 min
Lab File: BE100852.D
Acq: 11 Dec 2019 18:43

Tgt Ion:164 Resp: 13959

Ion	Ratio	Lower	Upper
164	100		
162	97.9	81.4	122.0
160	45.9	39.4	59.0



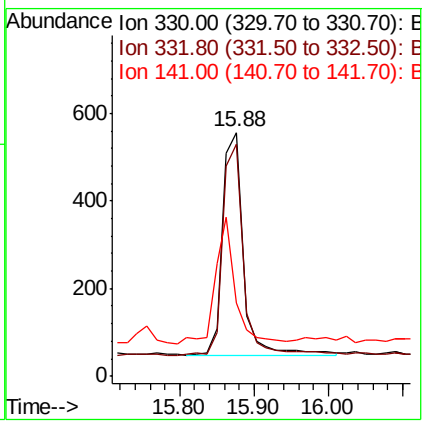


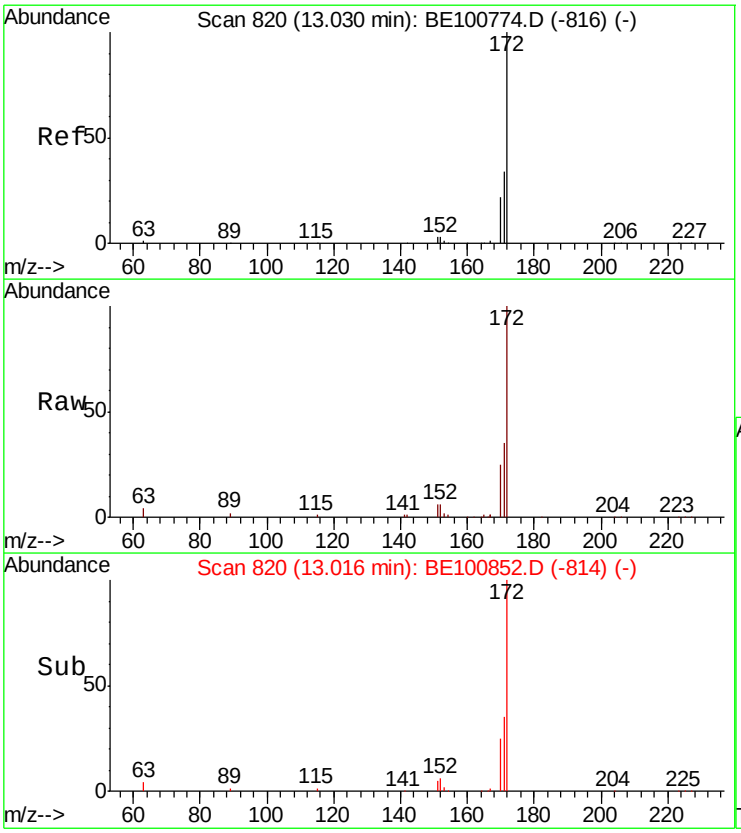
#14
2,4,6-Tribromophenol
Concen: 0.640 ng
RT: 15.88 min Scan# 1020
Delta R.T. 0.00 min
Lab File: BE100852.D
Acq: 11 Dec 2019 18:43

Instrument :
BNA_E
ClientSampleId :
DUP03-20191205

Tgt Ion:330 Resp: 994

Ion	Ratio	Lower	Upper
330	100		
332	97.2	69.4	104.2
141	54.6	51.1	76.7

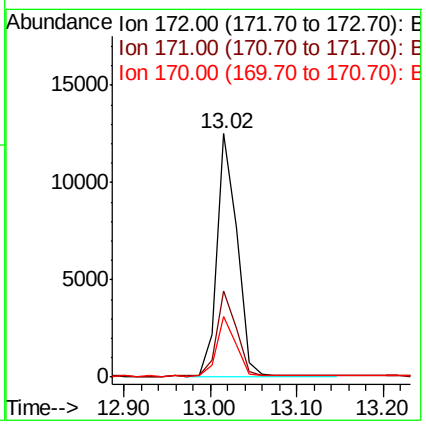


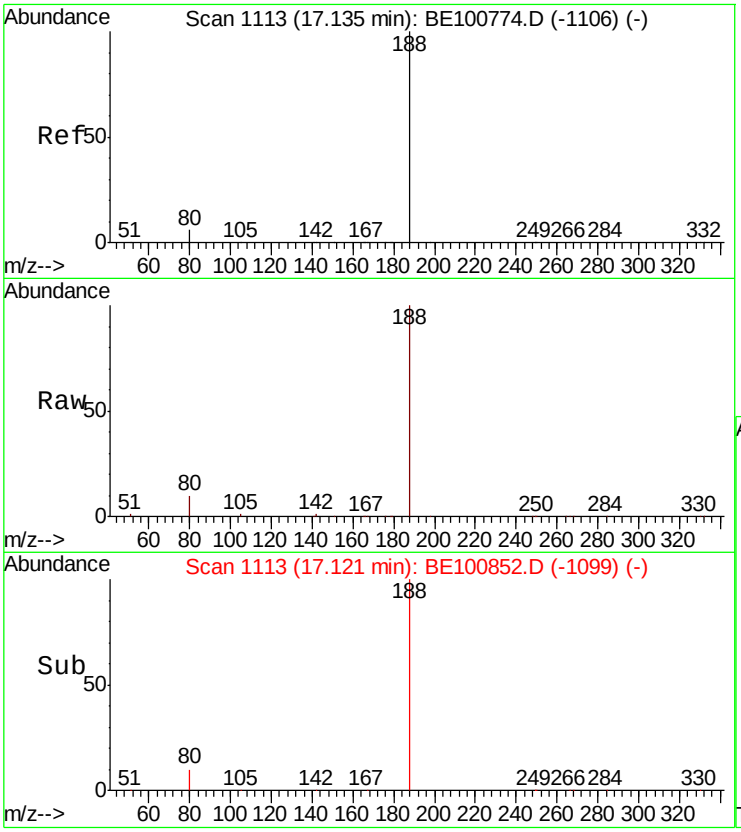


#15
2-Fluorobiphenyl
Concen: 0.364 ng
RT: 13.02 min Scan# 820
Delta R.T. -0.01 min
Lab File: BE100852.D
Acq: 11 Dec 2019 18:43

Tgt Ion:172 Resp: 20173

Ion	Ratio	Lower	Upper
172	100		
171	35.4	27.2	40.8
170	24.9	18.0	27.0



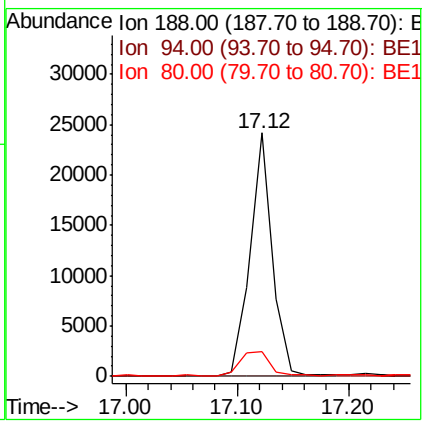


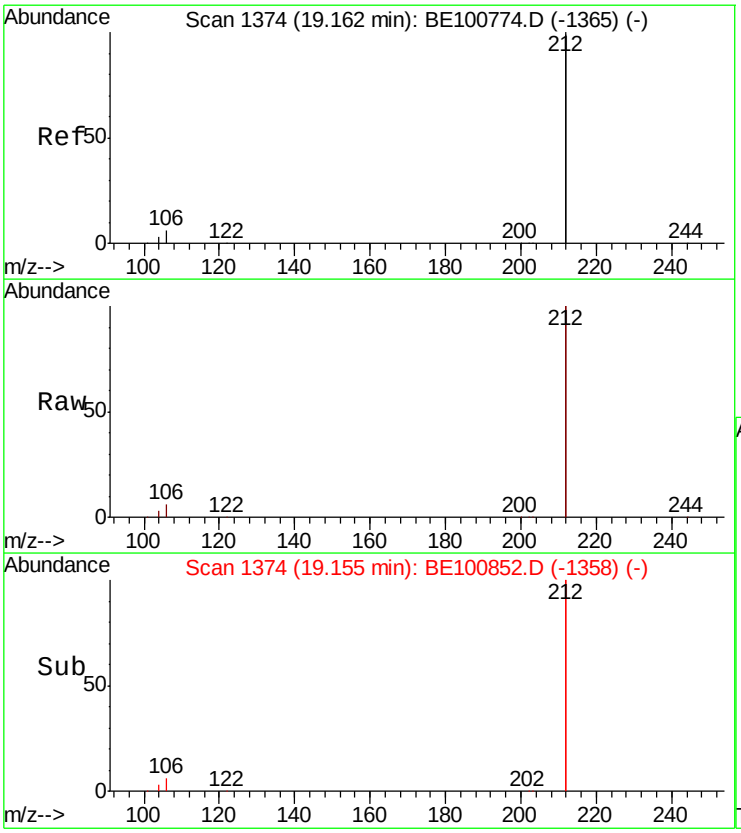
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.12 min Scan# 1113
Delta R.T. -0.01 min
Lab File: BE100852.D
Acq: 11 Dec 2019 18:43

Instrument :
BNA_E
ClientSampleId :
DUP03-20191205

Tgt Ion:188 Resp: 33518

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	10.1	5.2	7.8#

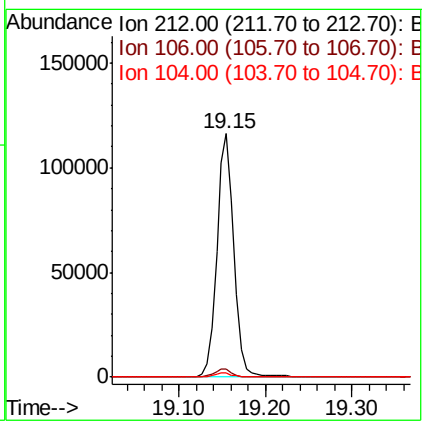


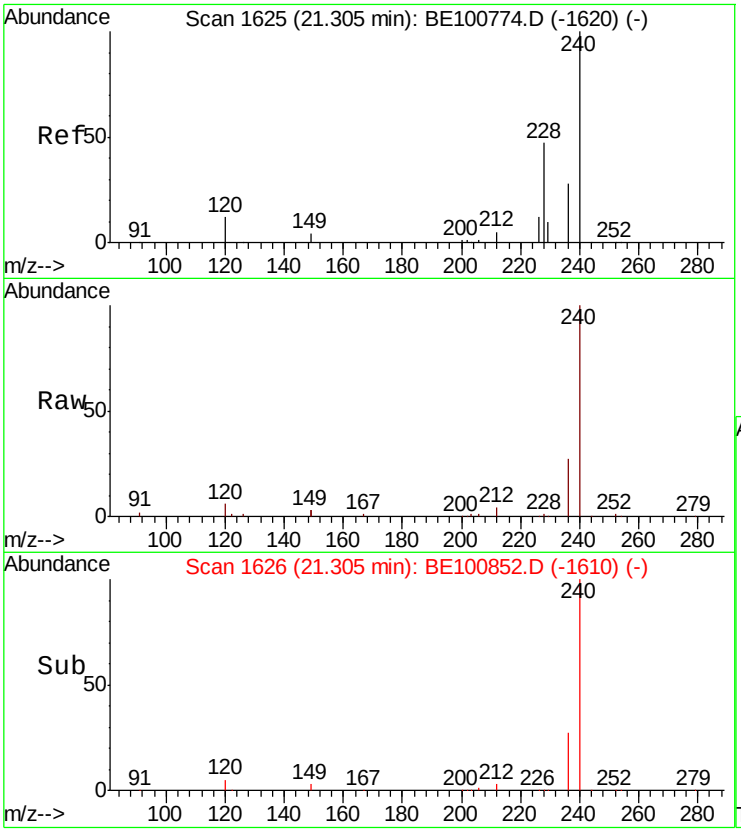


#25
Fluoranthene-d10
Concen: 0.396 ng
RT: 19.15 min Scan# 1374
Delta R.T. -0.01 min
Lab File: BE100852.D
Acq: 11 Dec 2019 18:43

Tgt Ion:212 Resp: 157065

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



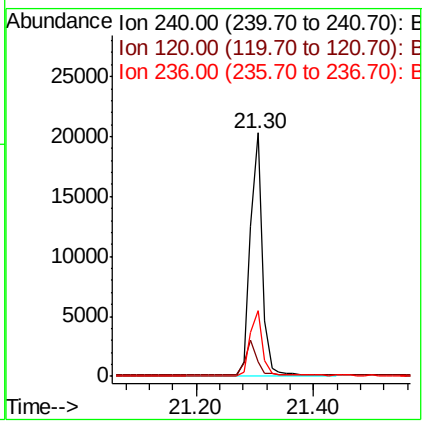


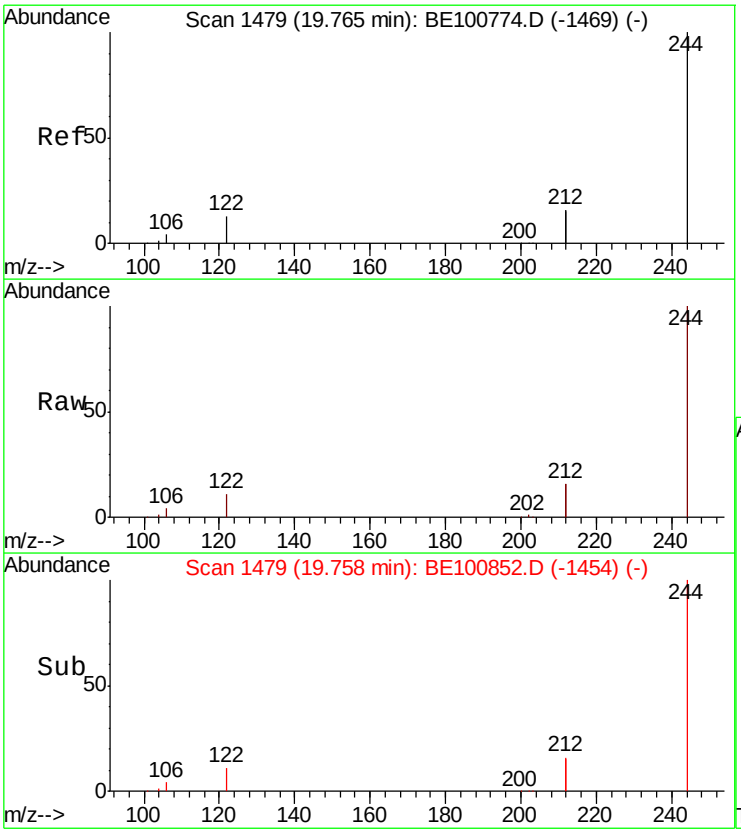
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.30 min Scan# 1626
Delta R.T. -0.00 min
Lab File: BE100852.D
Acq: 11 Dec 2019 18:43

Instrument :
BNA_E
ClientSampleId :
DUP03-20191205

Tgt Ion:240 Resp: 29147

Ion	Ratio	Lower	Upper
240	100		
120	5.7	10.2	15.2#
236	27.0	22.3	33.5

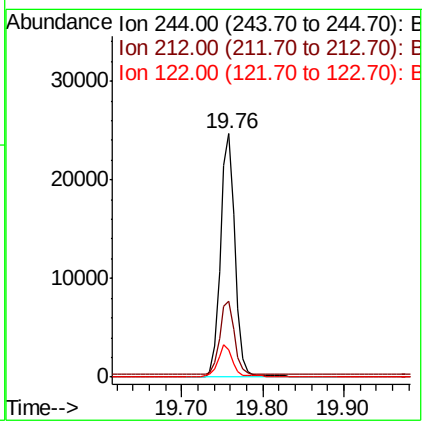


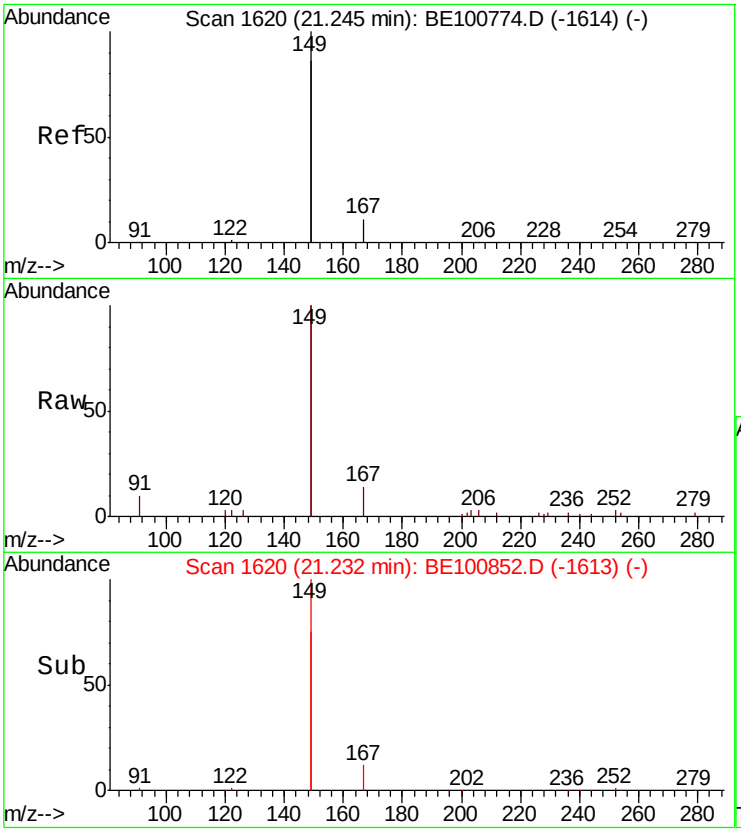


#29
Terphenyl-d14
Concen: 0.431 ng
RT: 19.76 min Scan# 1479
Delta R.T. -0.01 min
Lab File: BE100852.D
Acq: 11 Dec 2019 18:43

Tgt Ion:244 Resp: 30094

Ion	Ratio	Lower	Upper
244	100		
212	31.2	26.2	39.4
122	11.0	10.2	15.4



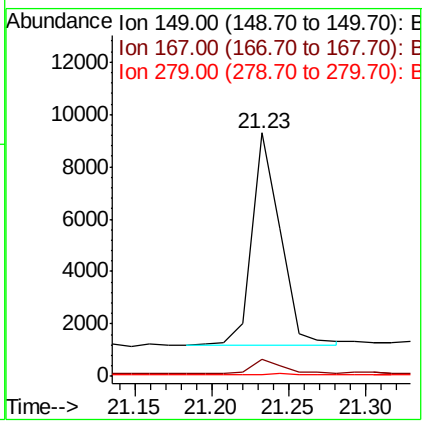


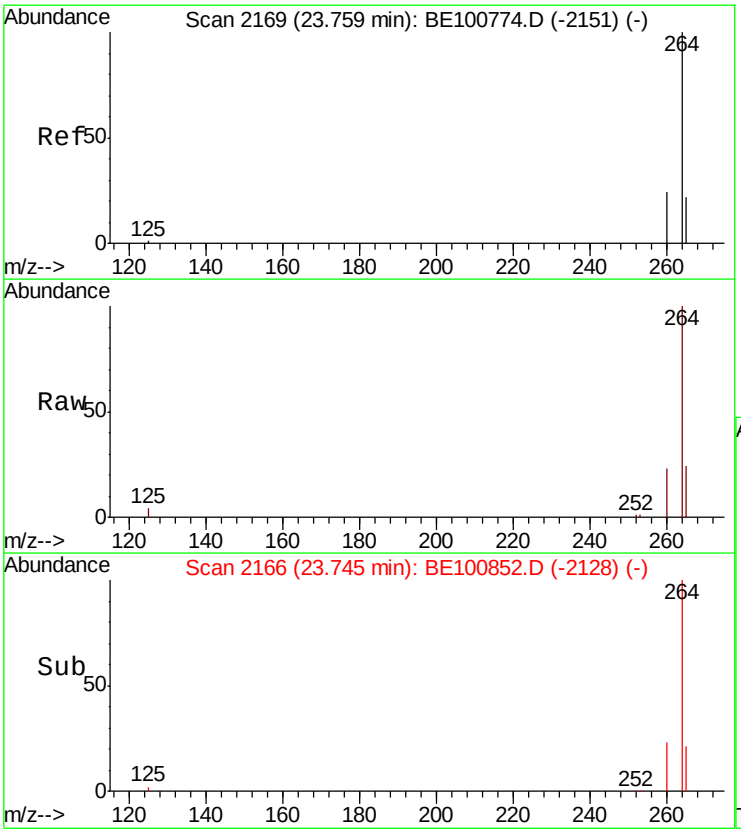
#32
Bis(2-ethylhexyl)phthalate
Concen: 0.136 ng
RT: 21.23 min Scan# 1620
Delta R.T. -0.01 min
Lab File: BE100852.D
Acq: 11 Dec 2019 18:43

Instrument :
BNA_E
ClientSampleId :
DUP03-20191205

Tgt Ion:149 Resp: 10391

Ion	Ratio	Lower	Upper
149	100		
167	7.3	5.0	7.6
279	0.8	0.7	1.1





#34
Perylene-d12
Concen: 0.400 ng
RT: 23.75 min Scan# 2166
Delta R.T. -0.01 min
Lab File: BE100852.D
Acq: 11 Dec 2019 18:43

Tgt Ion:264 Resp: 34148

Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.4	29.2
265	24.0	21.8	32.8