Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE100819\
Data File : BE100619.D
Acq On : 8 Oct 2019 21:30
Operator : JU
Sample : K5109-05DL 200X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : DUP-1DL

Quant Time: Oct 09 04:30:46 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE100319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 09 01:42:20 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	3311	0.40	ng	0.00
7) Naphthalene-d8	10.61	136	15165	0.40	ng	0.01
13) Acenaphthene-d10	14.46	164	9235	0.40	ng	0.00
19) Phenanthrene-d10	17.17	188	20713	0.40	ng	0.00
27) Chrysene-d12	21.33	240	22774	0.40	ng	0.00
34) Perylene-d12	23.78	264	26519	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.40	112	18	0.00	ng	0.00
5) Phenol-d6	6.99	99	21	0.00	ng	0.00
8) Nitrobenzene-d5	8.98	82	29	0.00	ng	0.01
11) 2-Methylnaphthalene-d10	12.21	152	35	0.00	ng	0.00
14) 2,4,6-Tribromophenol	15.94	330	6	0.00	ng	0.01
15) 2-Fluorobiphenyl	13.09	172	69	0.00	ng	0.00
25) Fluoranthene-d10	19.20	212	566	0.00	ng	0.00
29) Terphenyl-d14	19.79	244	188	0.00	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.28	88	12043	2.160	ng	# 90

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

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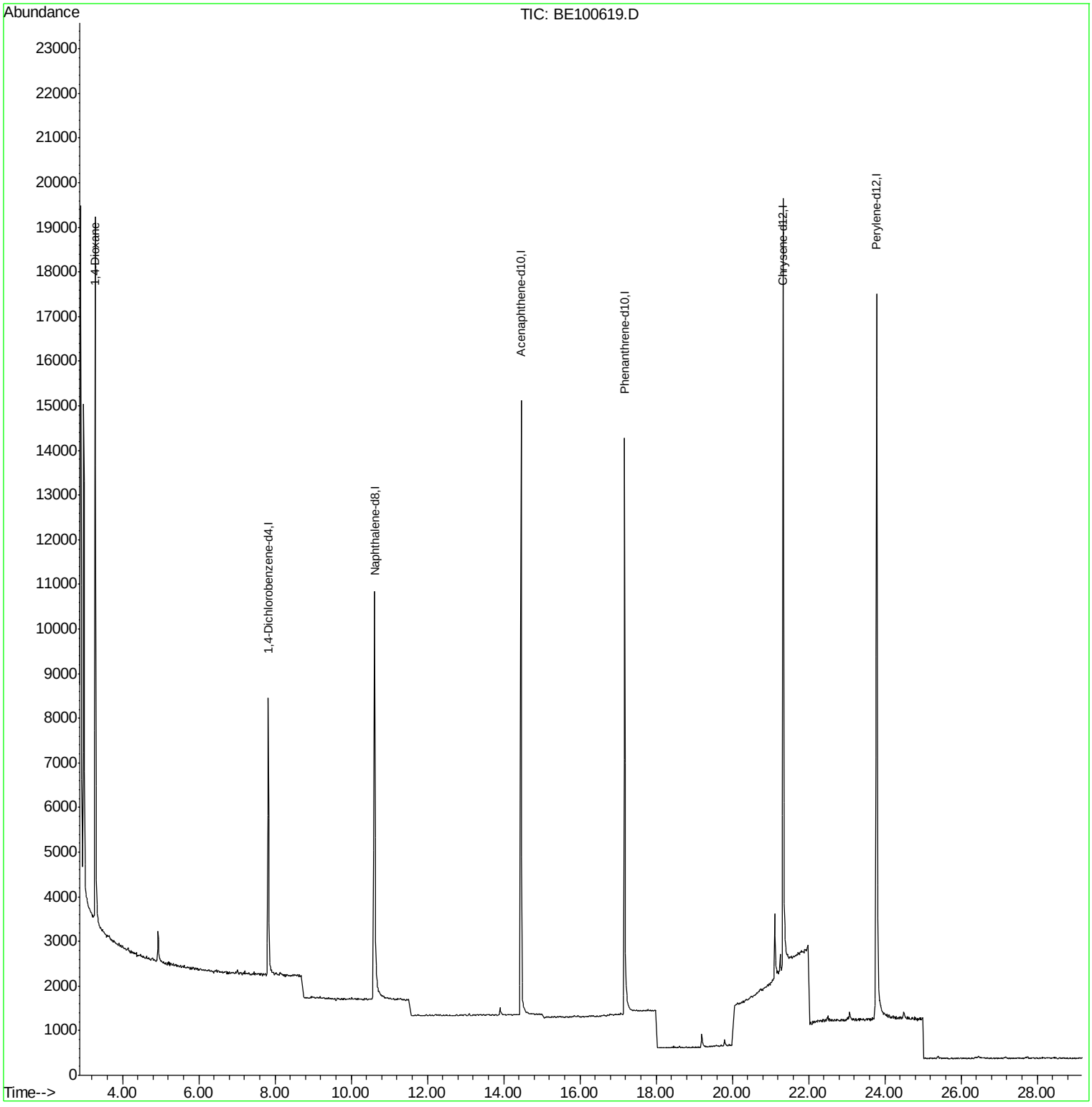
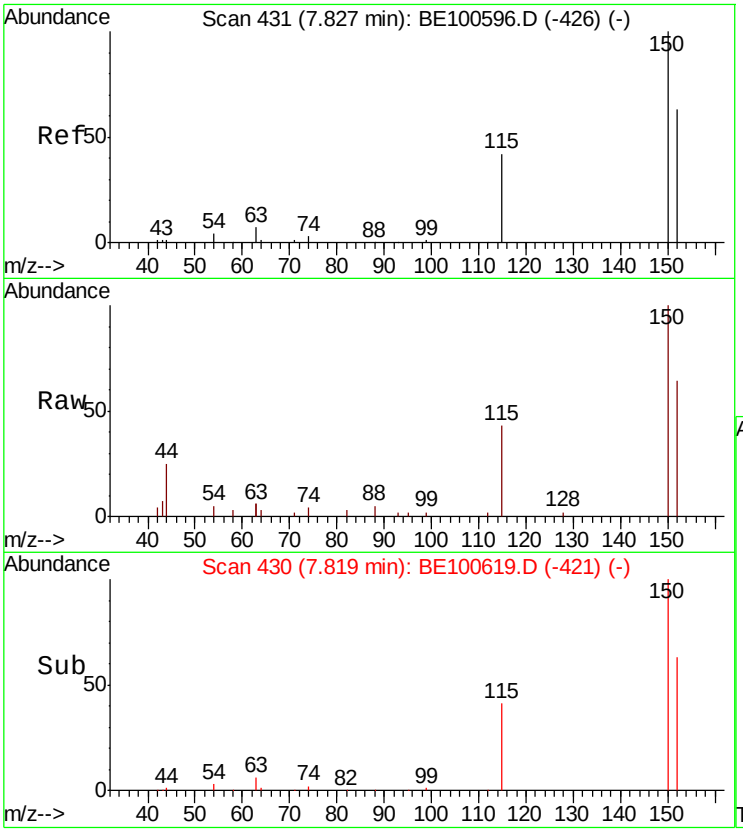


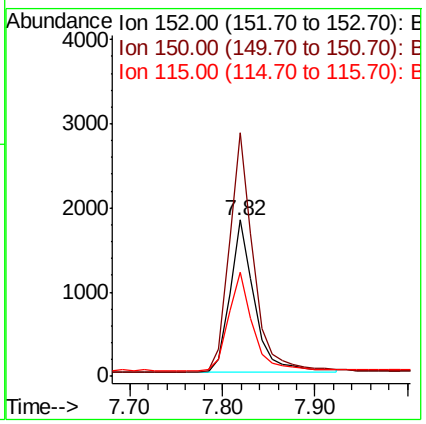


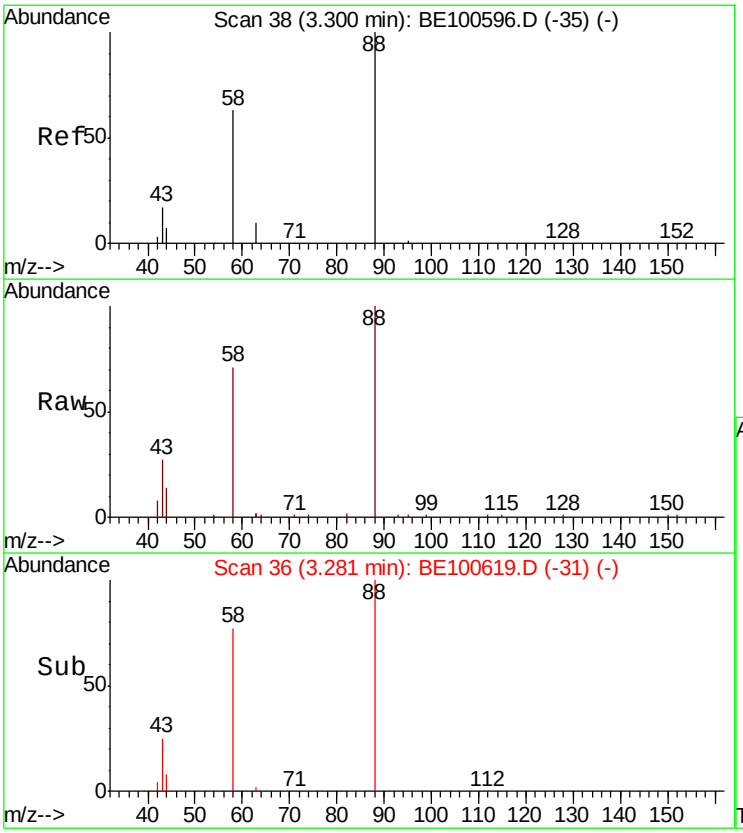
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.82 min Scan# 430
Delta R.T. 0.00 min
Lab File: BE100619.D
Acq: 8 Oct 2019 21:30

Instrument :
BNA_E
ClientSampleId :
DUP-1DL

Tgt Ion:152 Resp: 3311

Ion	Ratio	Lower	Upper
152	100		
150	155.9	126.5	189.7
115	66.5	54.6	81.8

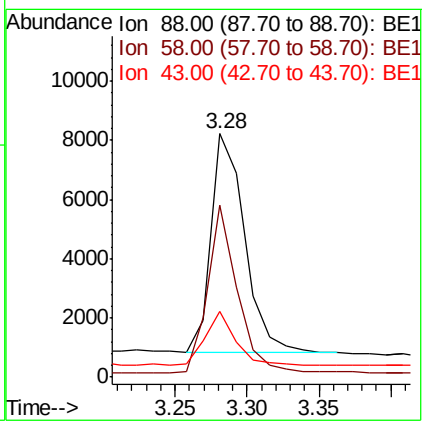


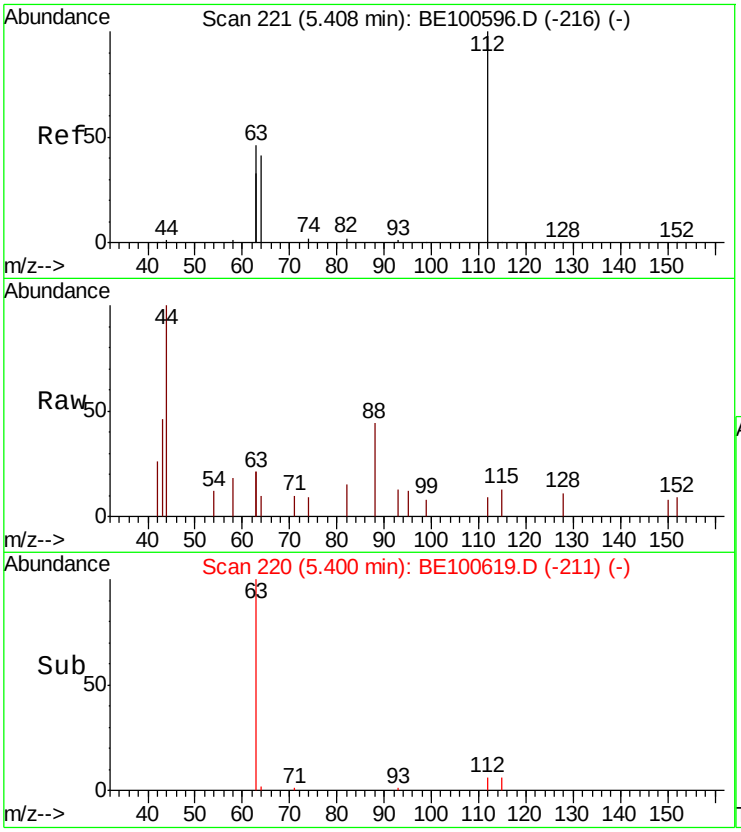


#2
1,4-Dioxane
Concen: 2.160 ng
RT: 3.28 min Scan# 36
Delta R.T. -0.01 min
Lab File: BE100619.D
Acq: 8 Oct 2019 21:30

Tgt Ion: 88 Resp: 12043

Ion	Ratio	Lower	Upper
88	100		
58	67.8	48.1	72.1
43	22.2	14.4	21.6#



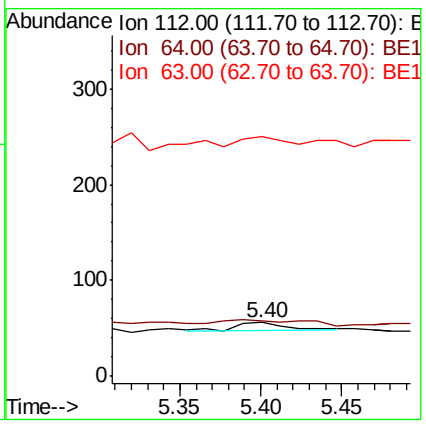


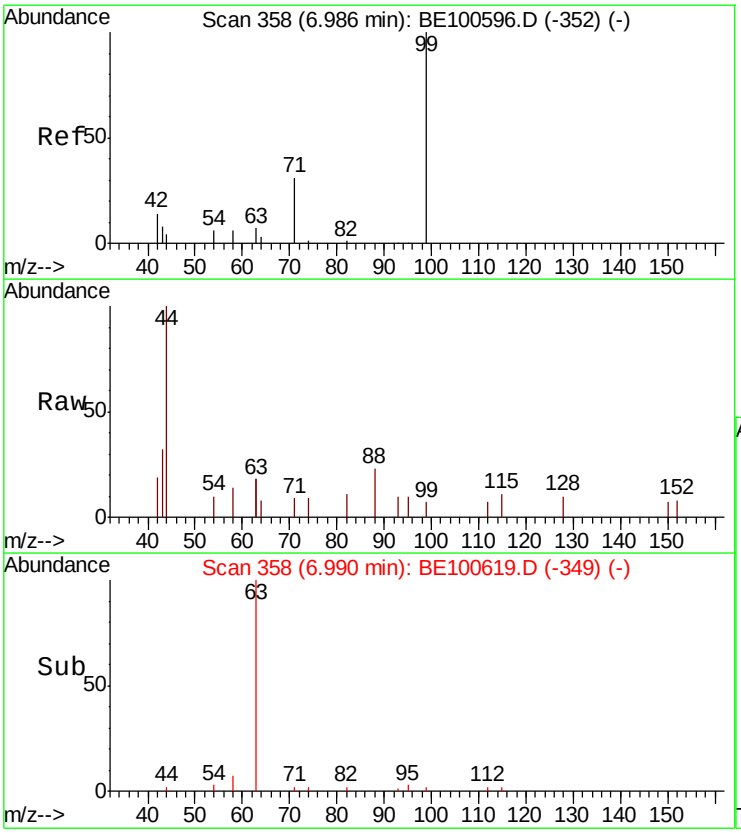
#4
2-Fluorophenol
Concen: 0.002 ng
RT: 5.40 min Scan# 220
Delta R.T. 0.00 min
Lab File: BE100619.D
Acq: 8 Oct 2019 21:30

Instrument :
BNA_E
ClientSampleId :
DUP-1DL

Tgt Ion:112 Resp: 18

Ion	Ratio	Lower	Upper
112	100		
64	127.8	43.7	65.5#
63	77.8	84.5	126.7#

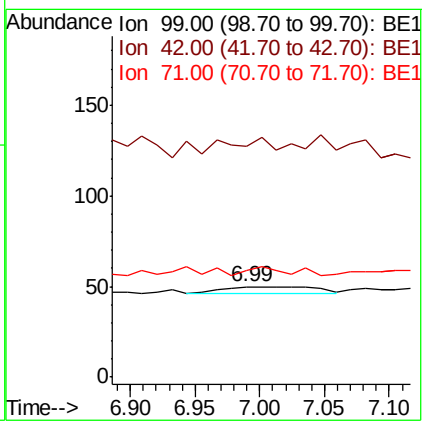


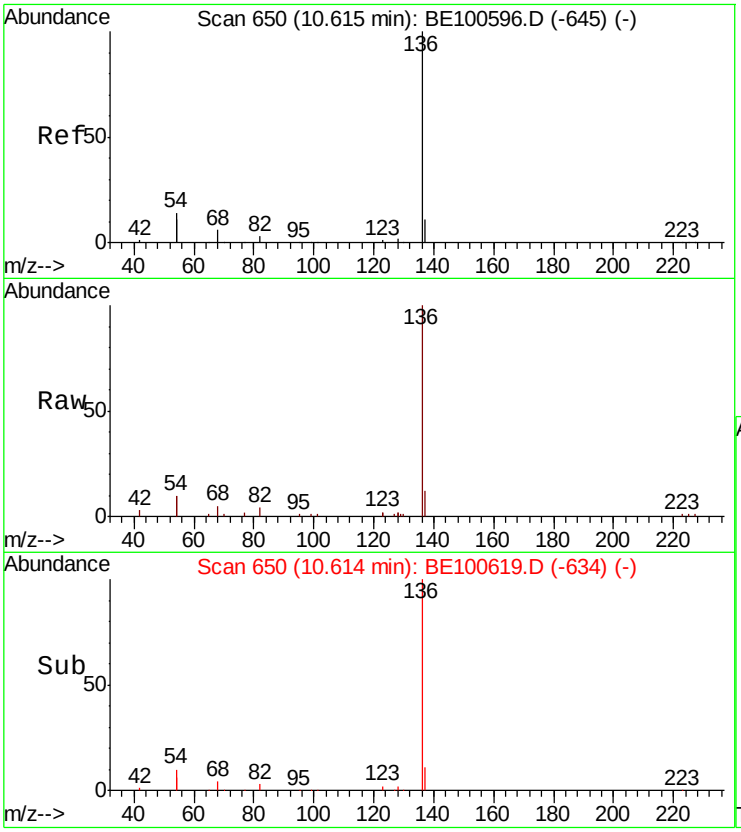


#5
Phenol-d6
Concen: 0.002 ng
RT: 6.99 min Scan# 358
Delta R.T. 0.00 min
Lab File: BE100619.D
Acq: 8 Oct 2019 21:30

Tgt Ion: 99 Resp: 21

Ion	Ratio	Lower	Upper
99	100		
42	0.0	11.7	17.5#
71	57.1	23.0	34.4#



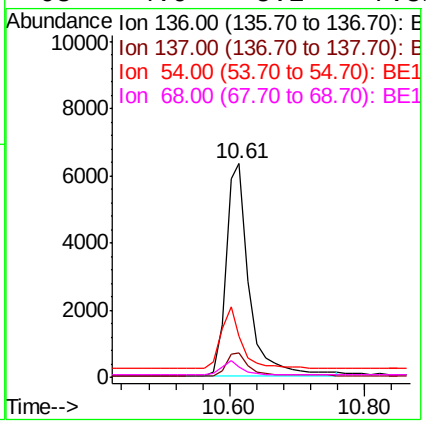


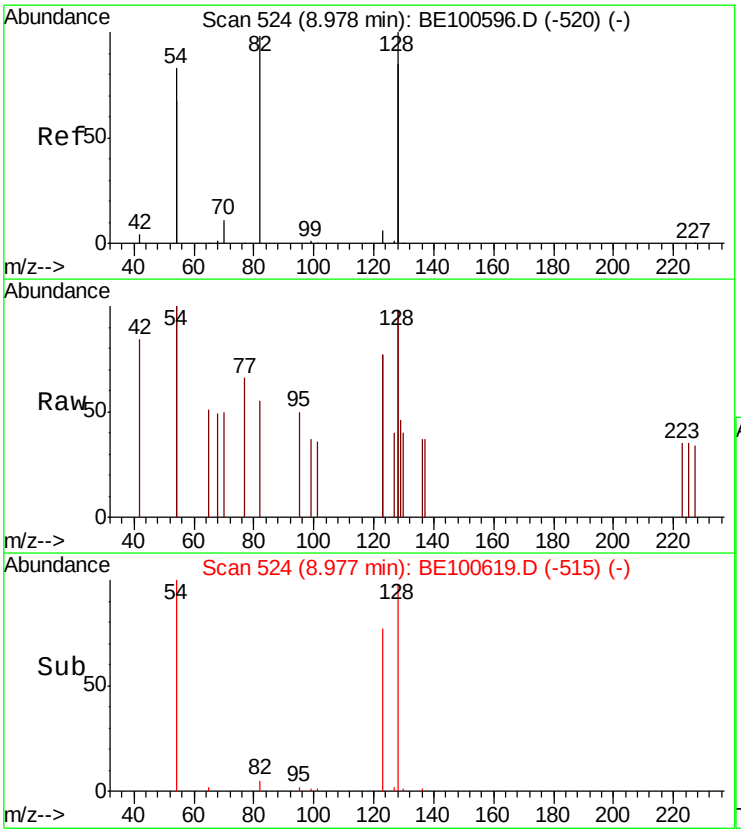
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.61 min Scan# 650
Delta R.T. 0.01 min
Lab File: BE100619.D
Acq: 8 Oct 2019 21:30

Instrument :
BNA_E
ClientSampleId :
DUP-1DL

Tgt Ion:136 Resp: 15165

Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.1	13.7
54	19.3	22.4	33.6#
68	4.9	5.2	7.8#

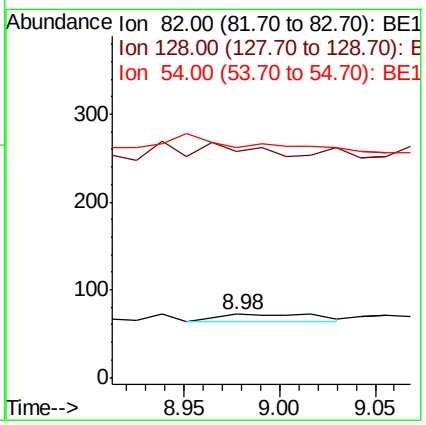


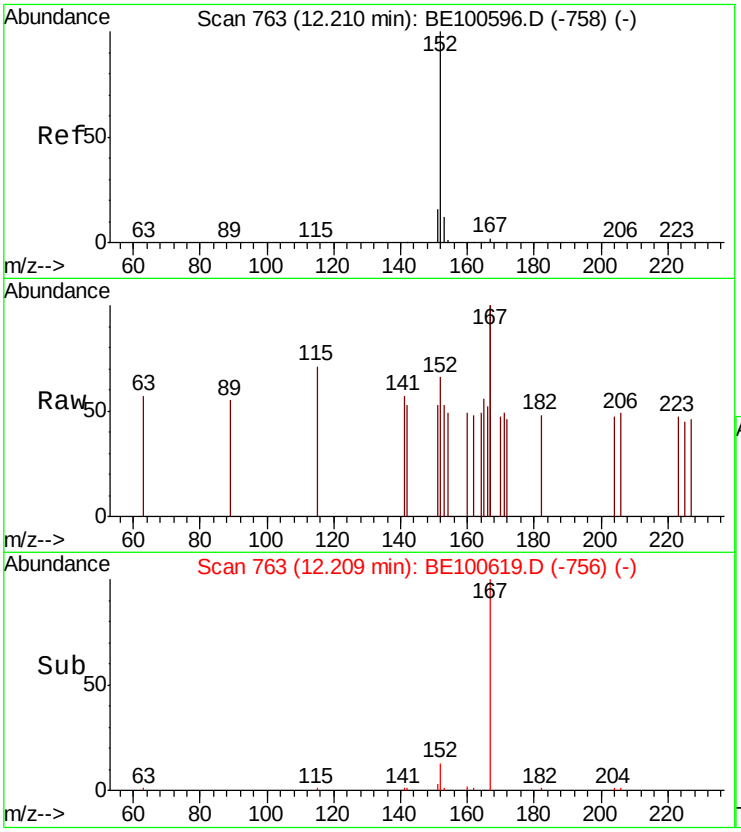


#8
Nitrobenzene-d5
Concen: 0.003 ng
RT: 8.98 min Scan# 524
Delta R.T. 0.01 min
Lab File: BE100619.D
Acq: 8 Oct 2019 21:30

Tgt Ion: 82 Resp: 29

Ion	Ratio	Lower	Upper
82	100		
128	358.3	154.7	232.1#
54	363.9	128.5	192.7#



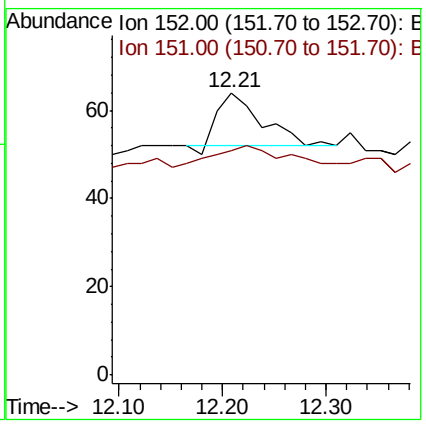


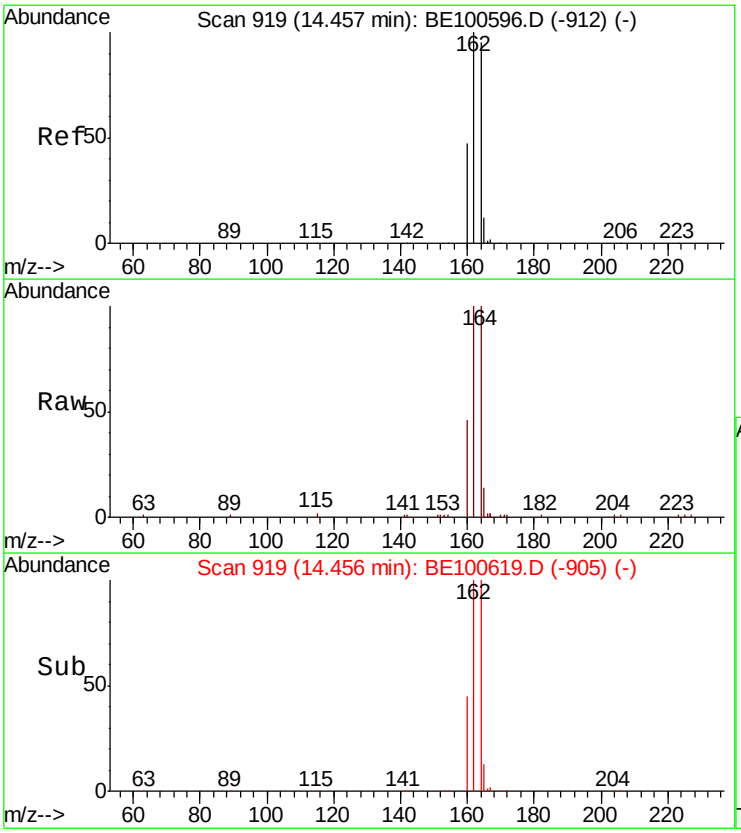
#11
2-Methylnaphthalene-d10
Concen: 0.002 ng
RT: 12.21 min Scan# 763
Delta R.T. -0.00 min
Lab File: BE100619.D
Acq: 8 Oct 2019 21:30

Instrument :
BNA_E
ClientSampleId :
DUP-1DL

Tgt Ion:152 Resp: 35

Ion	Ratio	Lower	Upper
152	100		
151	68.6	15.2	22.8#

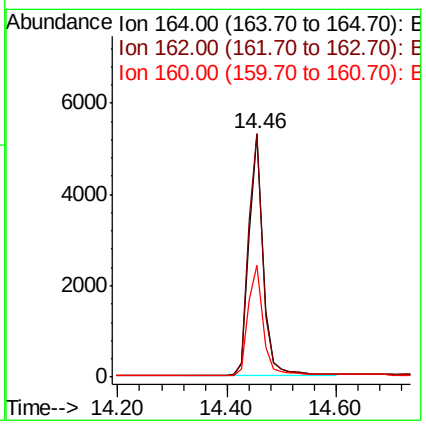


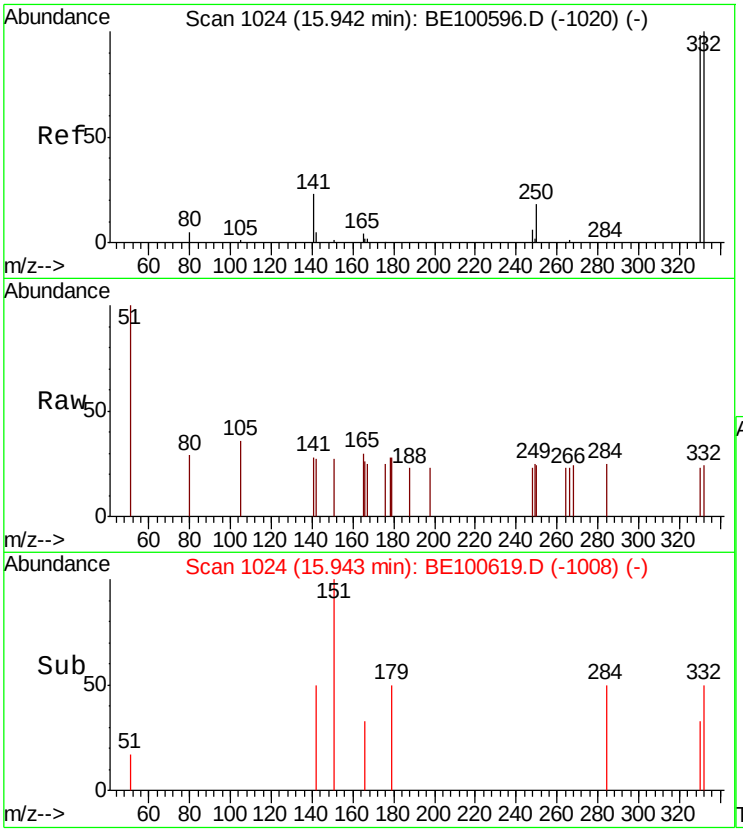


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.46 min Scan# 919
Delta R.T. -0.00 min
Lab File: BE100619.D
Acq: 8 Oct 2019 21:30

Tgt Ion:164 Resp: 9235

Ion	Ratio	Lower	Upper
164	100		
162	100.3	84.2	126.4
160	45.9	40.2	60.4



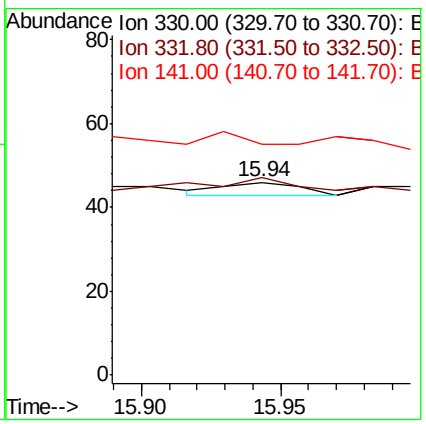


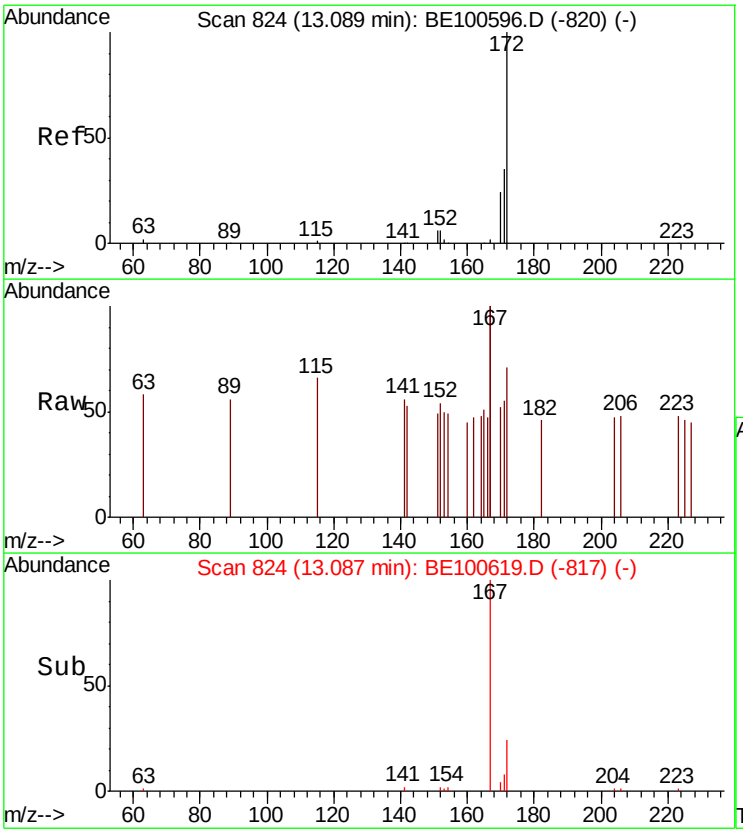
#14
2,4,6-Tribromophenol
Concen: 0.003 ng
RT: 15.94 min Scan# 1024
Delta R.T. 0.01 min
Lab File: BE100619.D
Acq: 8 Oct 2019 21:30

Instrument :
BNA_E
ClientSampleId :
DUP-1DL

Tgt Ion:330 Resp: 6

Ion	Ratio	Lower	Upper
330	100		
332	166.7	78.5	117.7#
141	0.0	39.4	59.0#

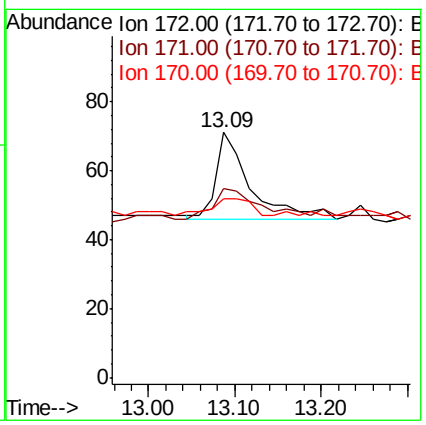


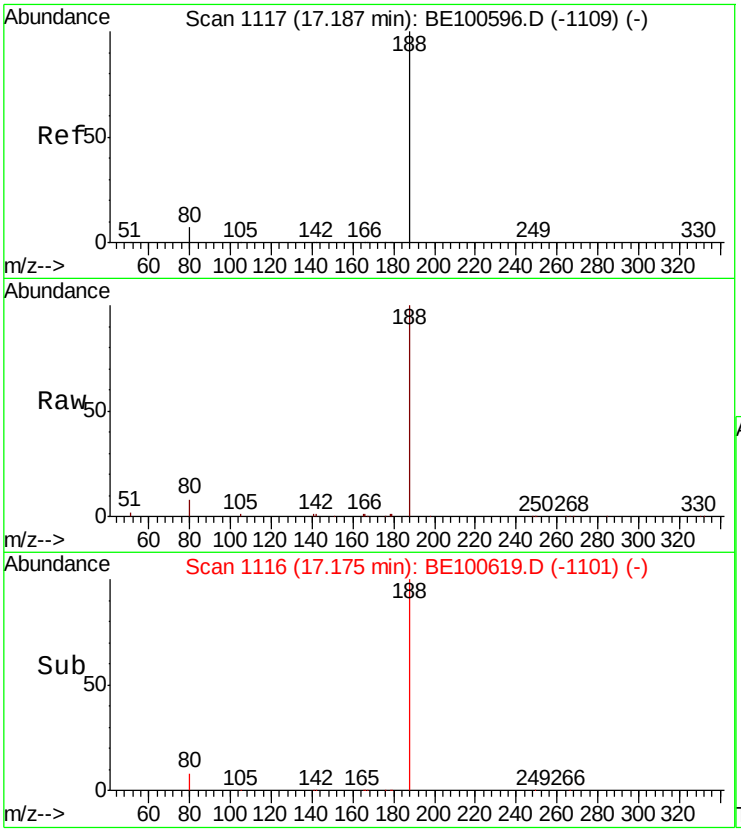


#15
2-Fluorobiphenyl
Concen: 0.002 ng
RT: 13.09 min Scan# 824
Delta R.T. -0.00 min
Lab File: BE100619.D
Acq: 8 Oct 2019 21:30

Tgt Ion:172 Resp: 69

Ion	Ratio	Lower	Upper
172	100		
171	77.5	28.7	43.1#
170	73.2	19.8	29.8#



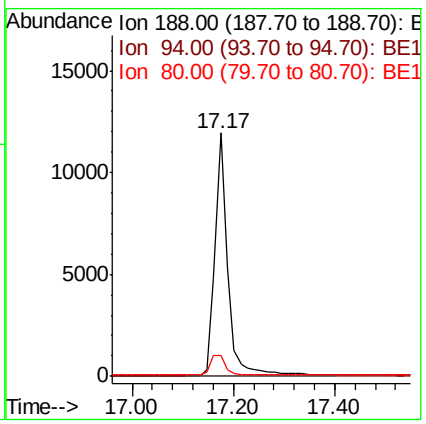


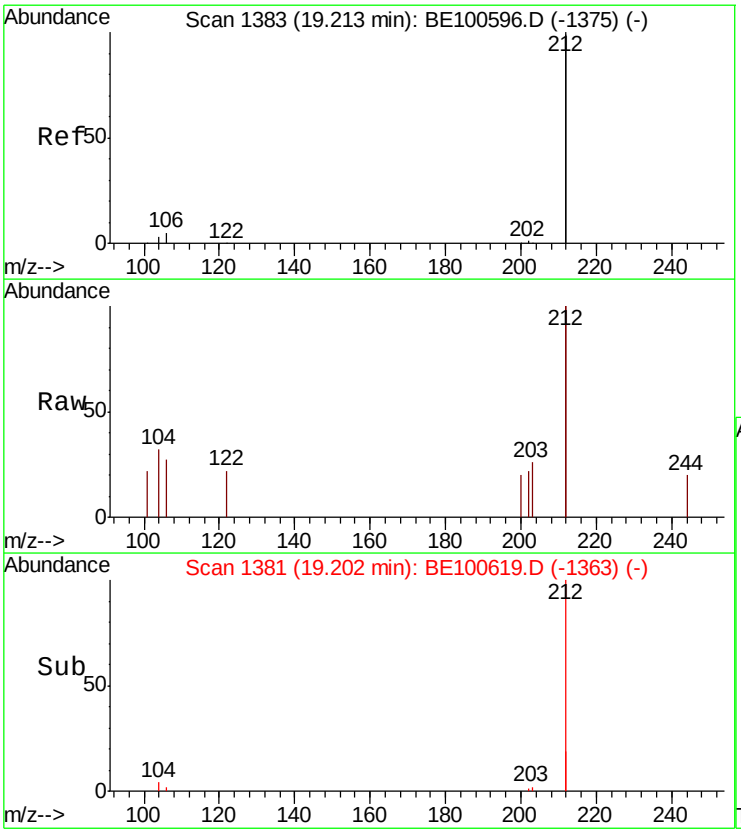
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.17 min Scan# 1116
Delta R.T. 0.00 min
Lab File: BE100619.D
Acq: 8 Oct 2019 21:30

Instrument :
BNA_E
ClientSampleId :
DUP-1DL

Tgt Ion:188 Resp: 20713

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	8.4	6.2	9.2

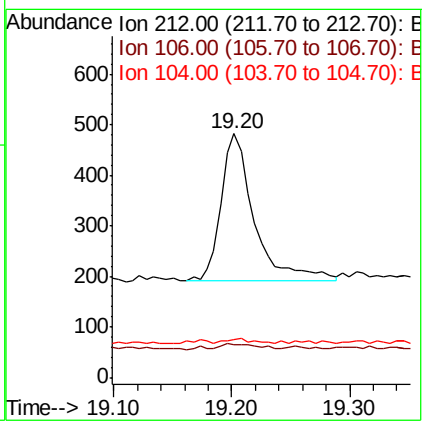


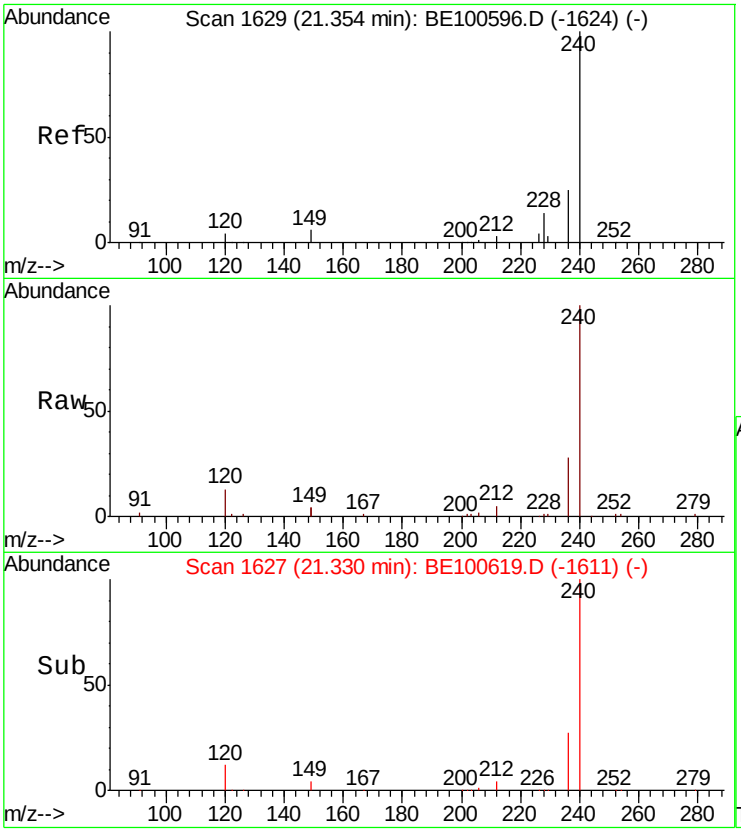


#25
Fluoranthene-d10
Concen: 0.002 ng
RT: 19.20 min Scan# 1381
Delta R.T. 0.01 min
Lab File: BE100619.D
Acq: 8 Oct 2019 21:30

Tgt Ion:212 Resp: 566

Ion	Ratio	Lower	Upper
212	100		
106	3.9	2.3	3.5#
104	2.1	1.3	1.9#



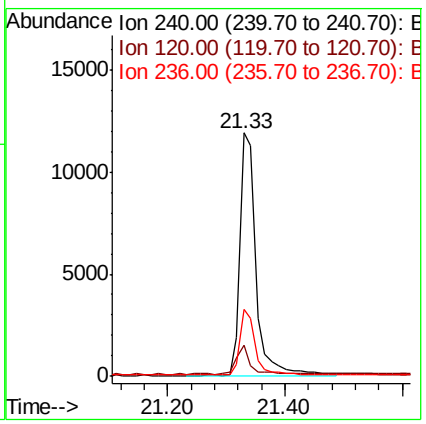


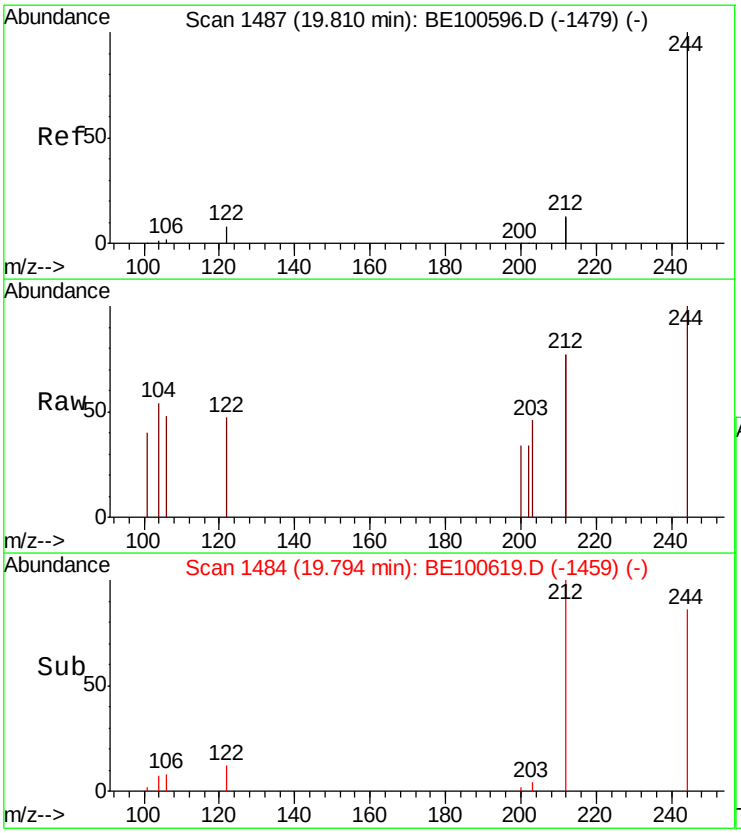
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.33 min Scan# 1627
Delta R.T. -0.00 min
Lab File: BE100619.D
Acq: 8 Oct 2019 21:30

Instrument :
BNA_E
ClientSampleId :
DUP-1DL

Tgt Ion:240 Resp: 22774

Ion	Ratio	Lower	Upper
240	100		
120	12.5	3.6	5.4#
236	27.7	20.5	30.7

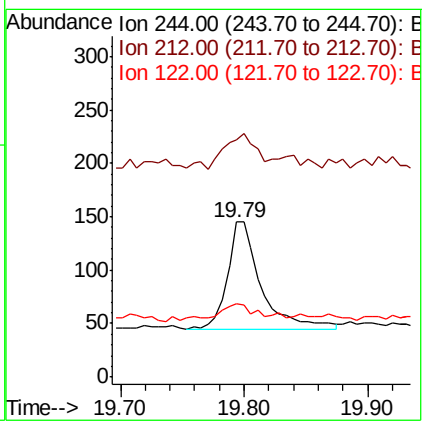


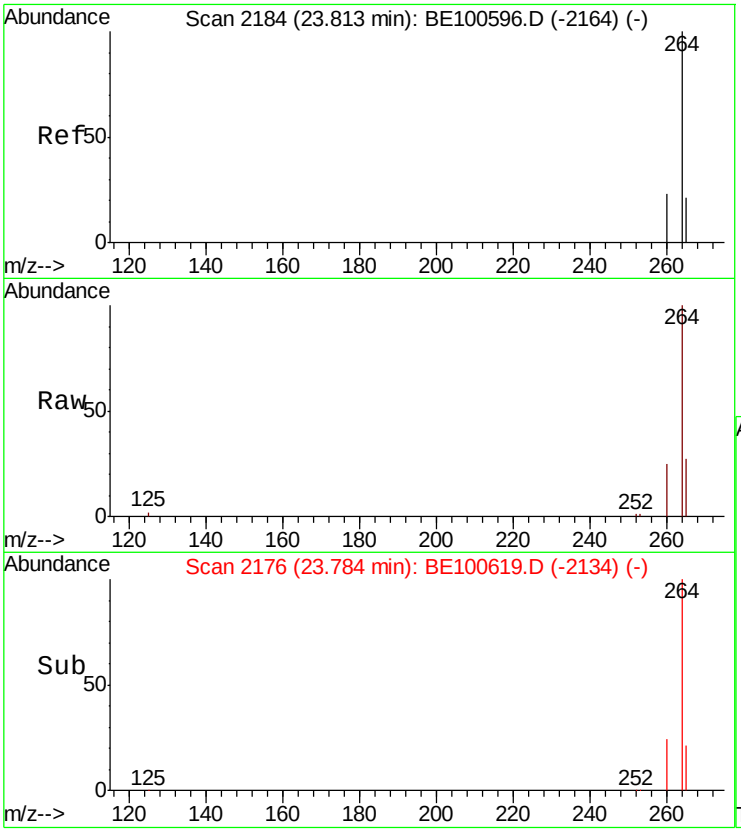


#29
Terphenyl-d14
Concen: 0.004 ng
RT: 19.79 min Scan# 1484
Delta R.T. -0.01 min
Lab File: BE100619.D
Acq: 8 Oct 2019 21:30

Tgt Ion:244 Resp: 188

Ion	Ratio	Lower	Upper
244	100		
212	153.1	20.6	31.0#
122	46.9	6.5	9.7#





#34
Perylene-d12
Concen: 0.400 ng
RT: 23.78 min Scan# 2176
Delta R.T. -0.00 min
Lab File: BE100619.D
Acq: 8 Oct 2019 21:30

Instrument :
BNA_E
ClientSampleId :
DUP-1DL

Tgt Ion:264 Resp: 26519

Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.0	28.4
265	27.5	20.9	31.3