Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE121019\
Data File : BE100838.D
Acq On : 11 Dec 2019 8:29
Operator : JU
Sample : K6185-10
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : RE131D3-20191205

Quant Time: Dec 11 13:22:56 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	5484	0.40	ng	0.00
7) Naphthalene-d8	10.54	136	24760	0.40	ng	0.00
13) Acenaphthene-d10	14.40	164	14268	0.40	ng	0.00
19) Phenanthrene-d10	17.12	188	33922	0.40	ng	-0.01
27) Chrysene-d12	21.31	240	26184	0.40	ng	0.00
34) Perylene-d12	23.75	264	30761	0.40	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.38	112	2879	0.22	ng	0.00
5) Phenol-d6	6.93	99	2737	0.14	ng	0.00
8) Nitrobenzene-d5	8.90	82	6650	0.56	ng	0.00
11) 2-Methylnaphthalene-d10	12.14	152	16314	0.45	ng	0.00
14) 2,4,6-Tribromophenol	15.88	330	1077	0.68	ng	0.00
15) 2-Fluorobiphenyl	13.02	172	29157	0.52	ng	-0.01
25) Fluoranthene-d10	19.16	212	150888	0.38	ng	0.00
29) Terphenyl-d14	19.76	244	29568	0.47	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.34	88	14911	1.491	ng	# 83

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

Quantitation Report (QT Reviewed)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 04 17:18:11 2019
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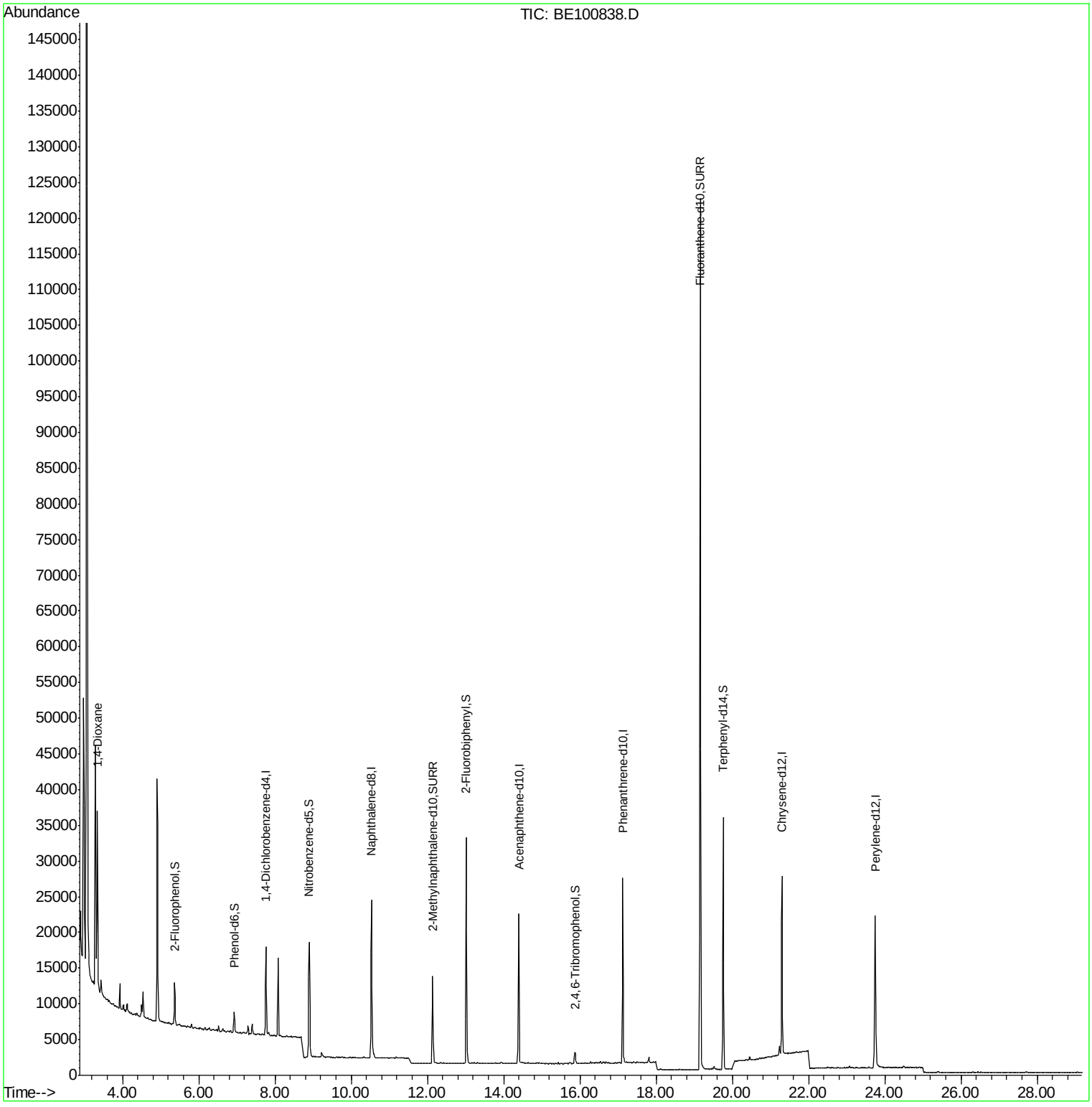
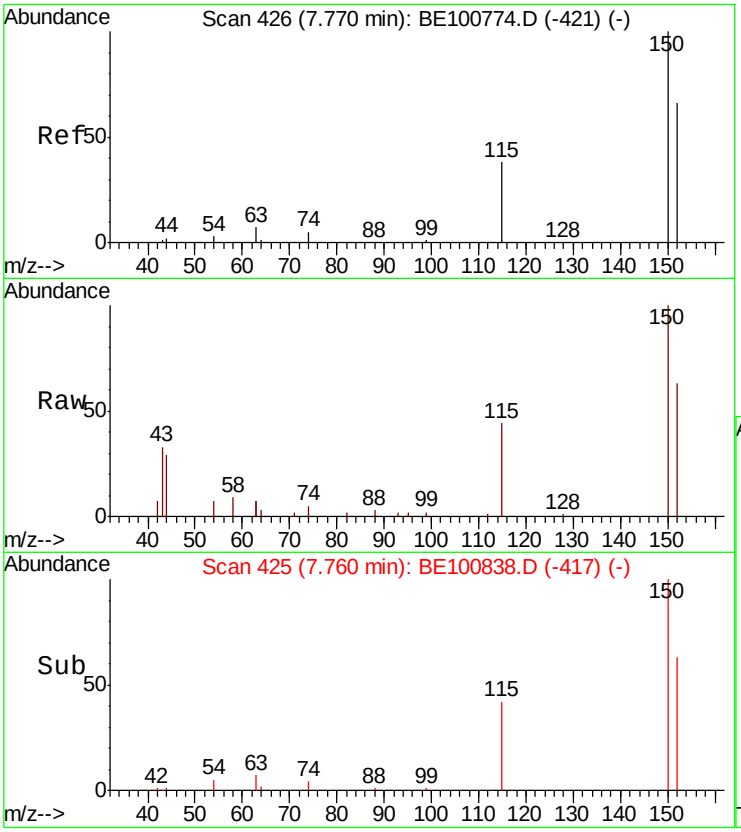


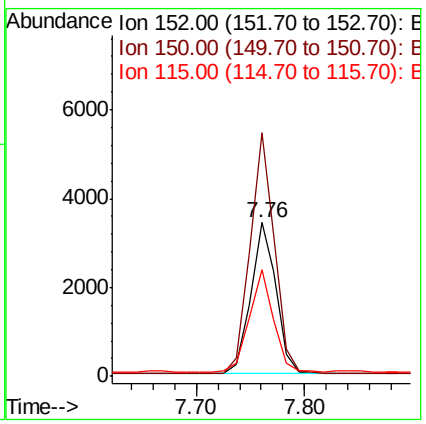


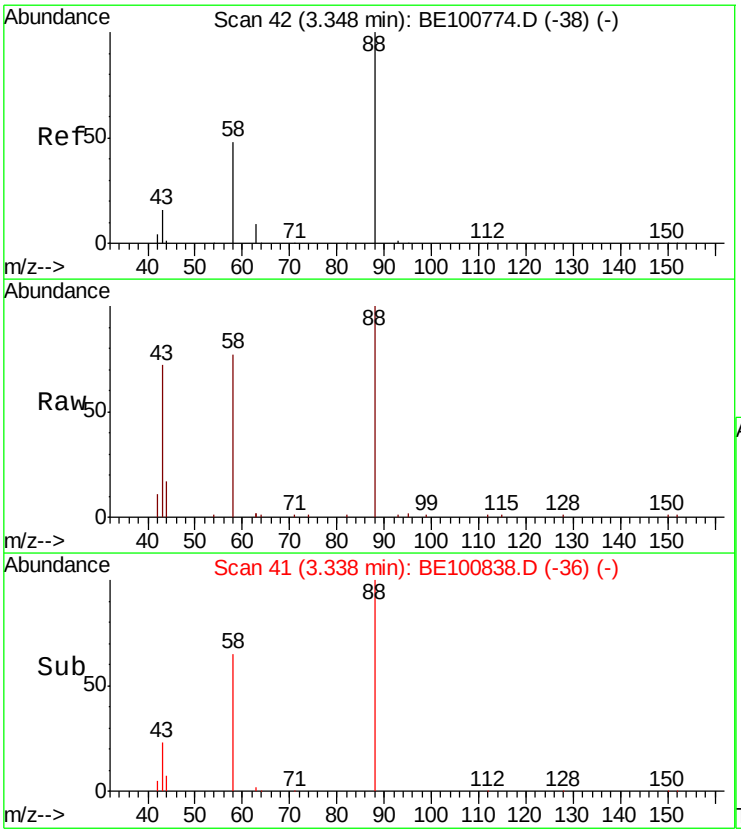
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.76 min Scan# 425
Delta R.T. -0.01 min
Lab File: BE100838.D
Acq: 11 Dec 2019 8:29

Instrument :
BNA_E
ClientSampleId :
RE131D3-20191205

Tgt Ion:152 Resp: 5484

Ion	Ratio	Lower	Upper
152	100		
150	158.6	120.6	181.0
115	69.2	47.4	71.2

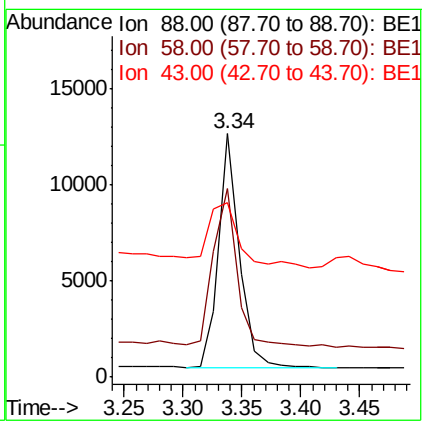


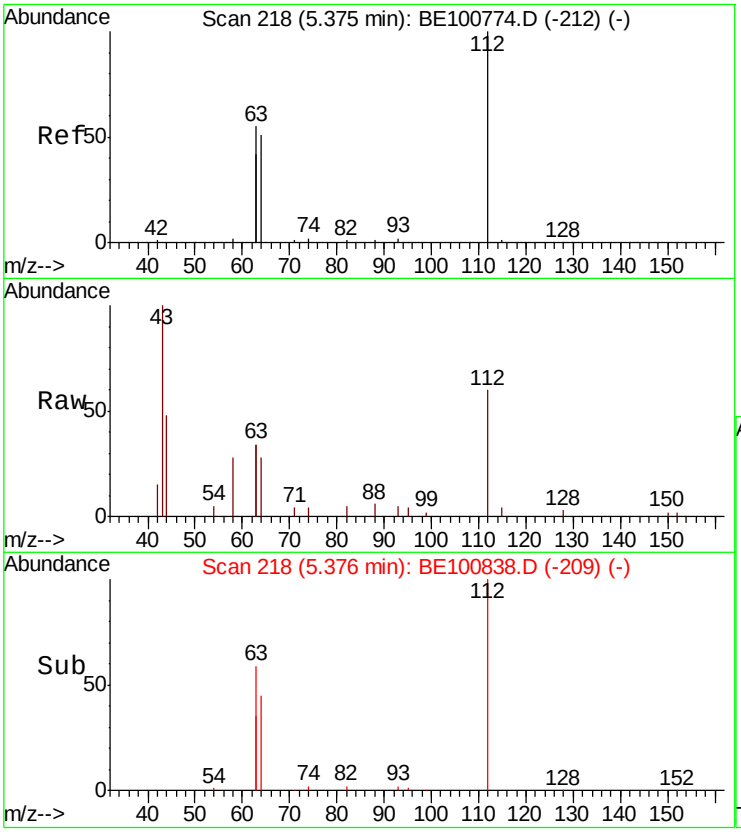


#2
1,4-Dioxane
Concen: 1.491 ng
RT: 3.34 min Scan# 41
Delta R.T. -0.01 min
Lab File: BE100838.D
Acq: 11 Dec 2019 8:29

Tgt Ion: 88 Resp: 14911

Ion	Ratio	Lower	Upper
88	100		
58	76.5	52.5	78.7
43	42.7	23.0	34.6#



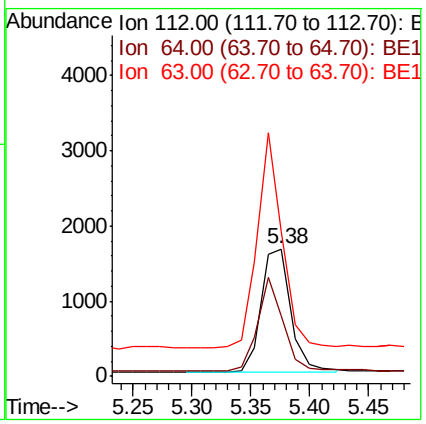


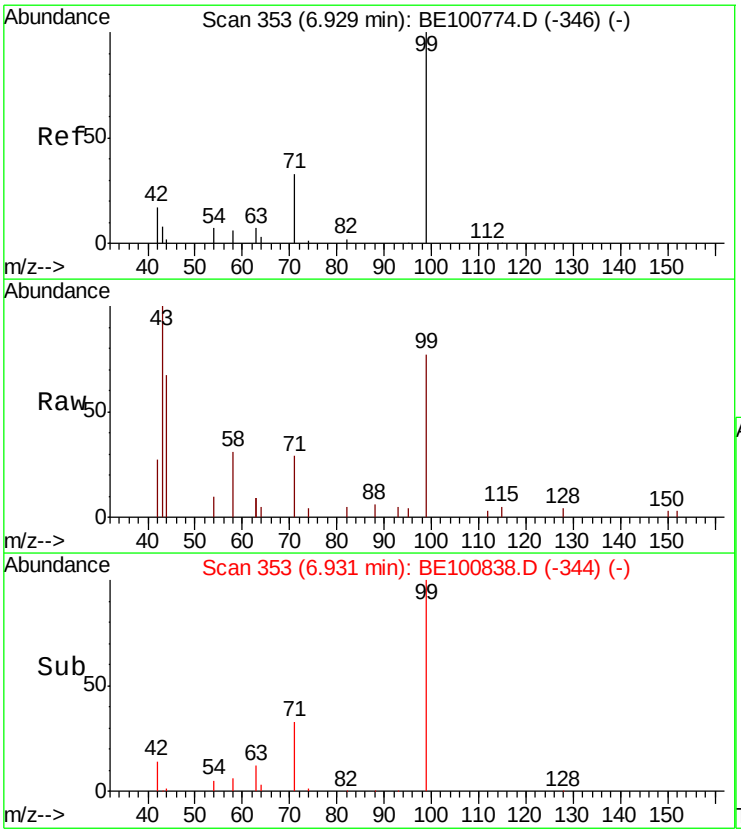
#4
2-Fluorophenol
Concen: 0.221 ng
RT: 5.38 min Scan# 218
Delta R.T. 0.00 min
Lab File: BE100838.D
Acq: 11 Dec 2019 8:29

Instrument :
BNA_E
ClientSampleId :
RE131D3-20191205

Tgt Ion:112 Resp: 2879

Ion	Ratio	Lower	Upper
112	100		
64	65.7	54.1	81.1
63	148.8	113.2	169.8

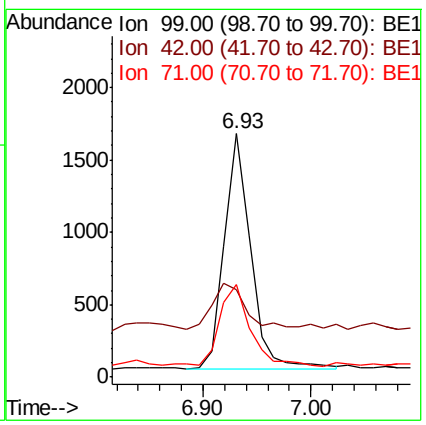


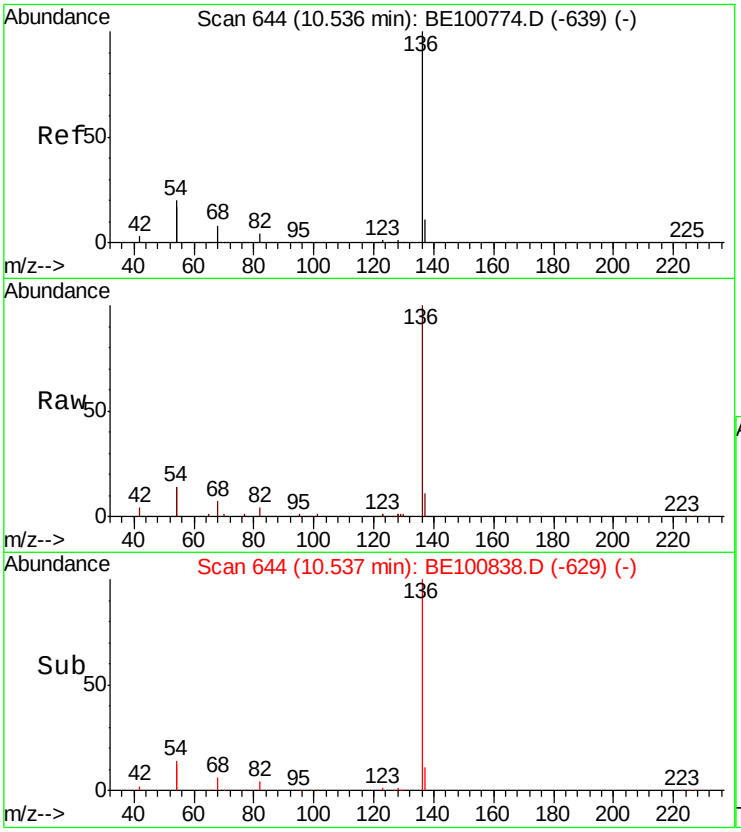


#5
Phenol-d6
Concen: 0.139 ng
RT: 6.93 min Scan# 353
Delta R.T. 0.00 min
Lab File: BE100838.D
Acq: 11 Dec 2019 8:29

Tgt Ion: 99 Resp: 2737

Ion	Ratio	Lower	Upper
99	100		
42	24.6	19.1	28.7
71	40.0	27.7	41.5



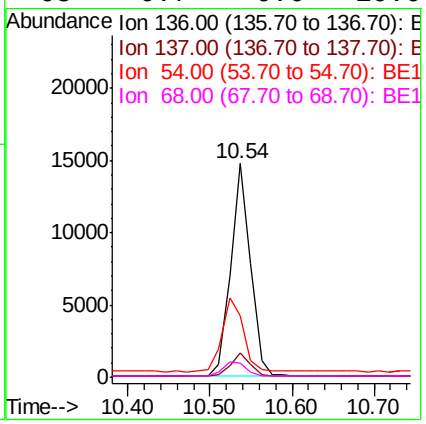


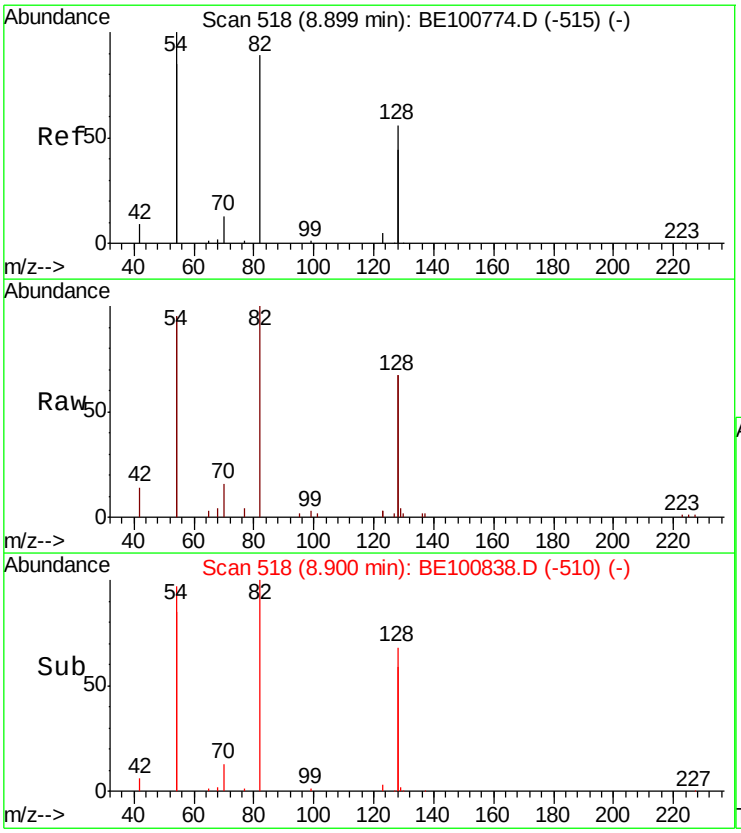
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.54 min Scan# 644
Delta R.T. 0.00 min
Lab File: BE100838.D
Acq: 11 Dec 2019 8:29

Instrument :
BNA_E
ClientSampleId :
RE131D3-20191205

Tgt Ion:136 Resp: 24760

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.4	14.0
54	28.9	31.1	46.7#
68	6.7	6.6	10.0

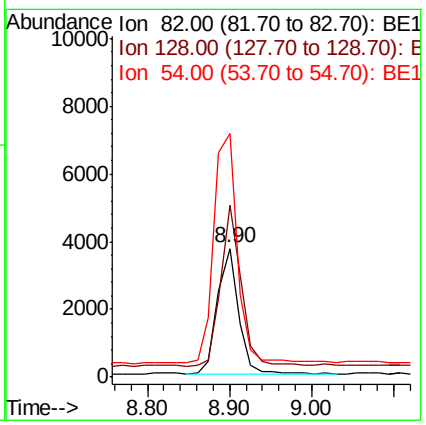


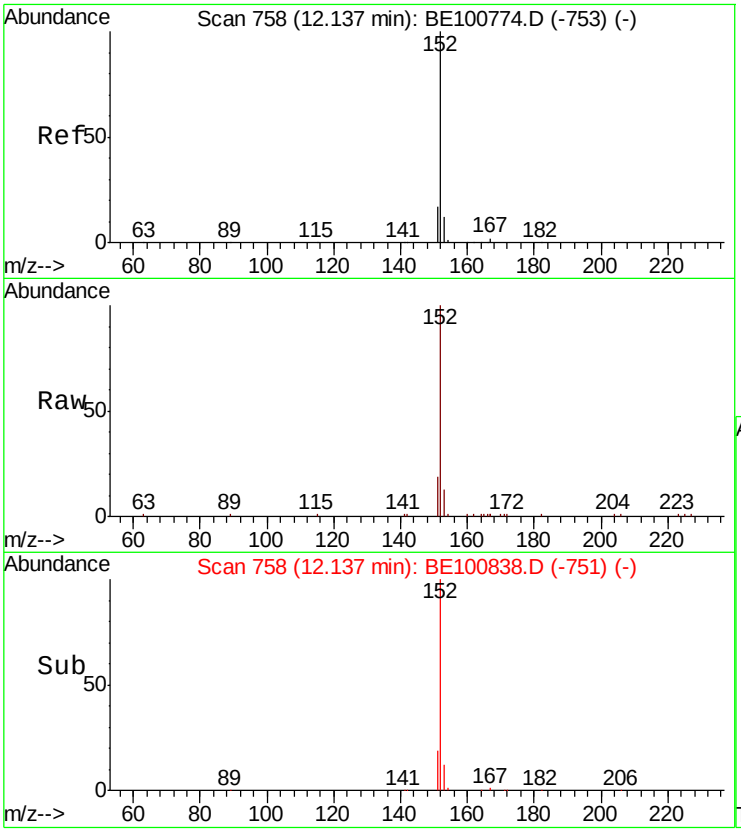


#8
Nitrobenzene-d5
Concen: 0.564 ng
RT: 8.90 min Scan# 518
Delta R.T. 0.00 min
Lab File: BE100838.D
Acq: 11 Dec 2019 8:29

Tgt Ion: 82 Resp: 6650

Ion	Ratio	Lower	Upper
82	100		
128	133.5	97.0	145.4
54	189.5	171.8	257.6



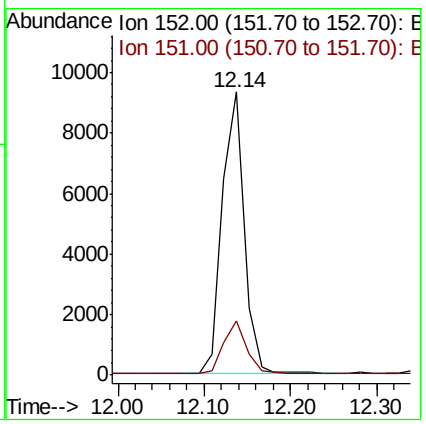


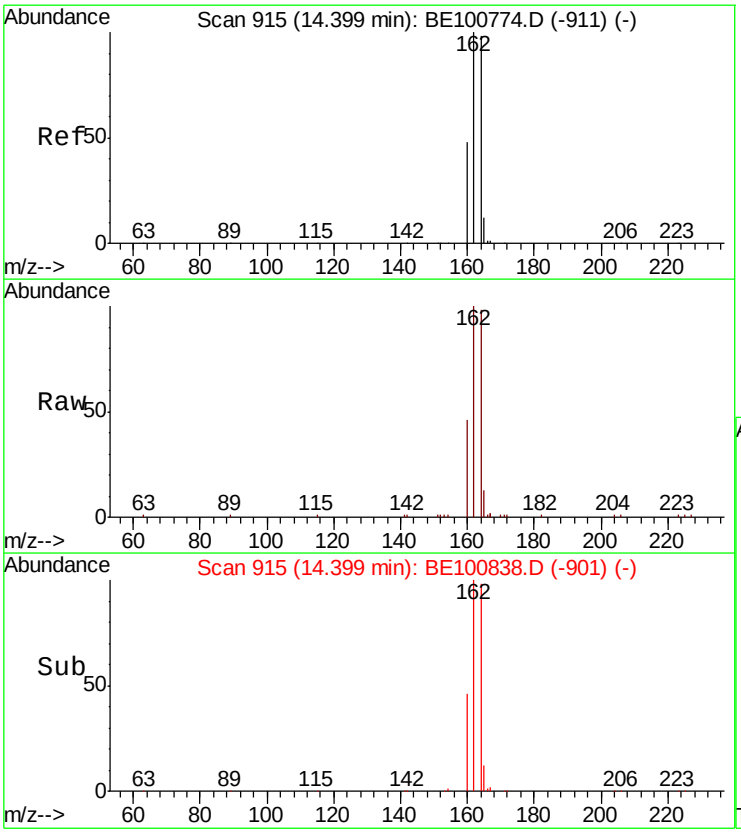
#11
2-Methylnaphthalene-d10
Concen: 0.455 ng
RT: 12.14 min Scan# 758
Delta R.T. 0.00 min
Lab File: BE100838.D
Acq: 11 Dec 2019 8:29

Instrument :
BNA_E
ClientSampleId :
RE131D3-20191205

Tgt Ion:152 Resp: 16314

Ion	Ratio	Lower	Upper
152	100		
151	19.3	15.8	23.8

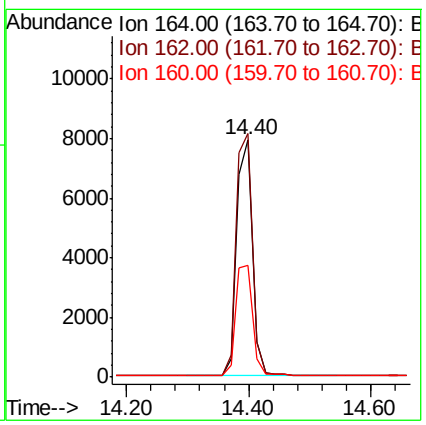


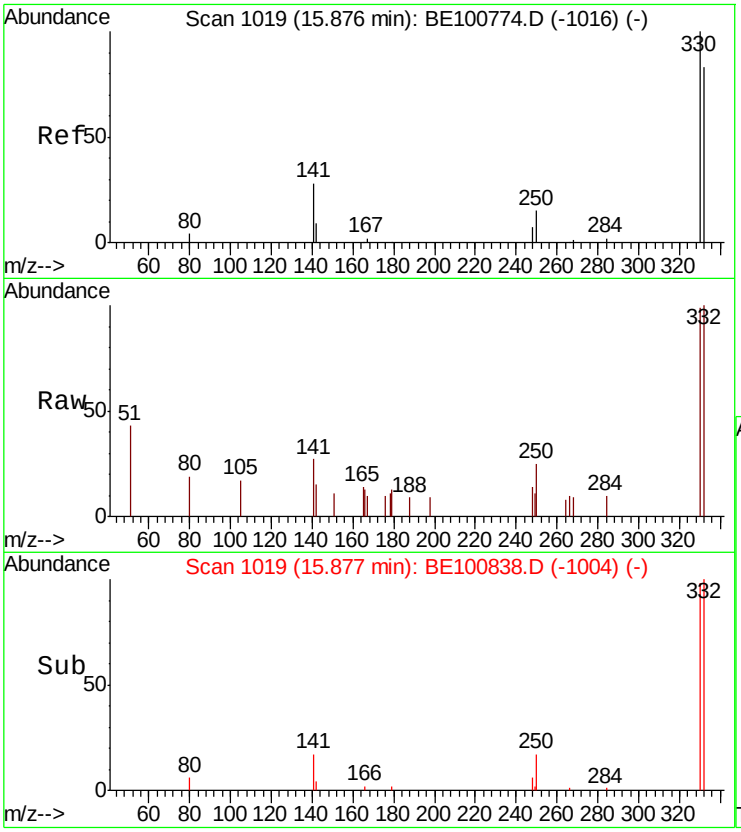


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.40 min Scan# 915
Delta R.T. 0.00 min
Lab File: BE100838.D
Acq: 11 Dec 2019 8:29

Tgt Ion:164 Resp: 14268

Ion	Ratio	Lower	Upper
164	100		
162	102.4	81.4	122.0
160	47.3	39.4	59.0



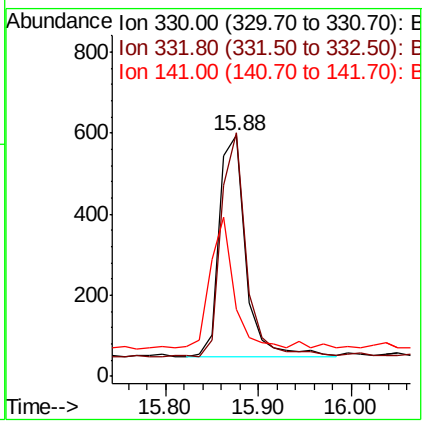


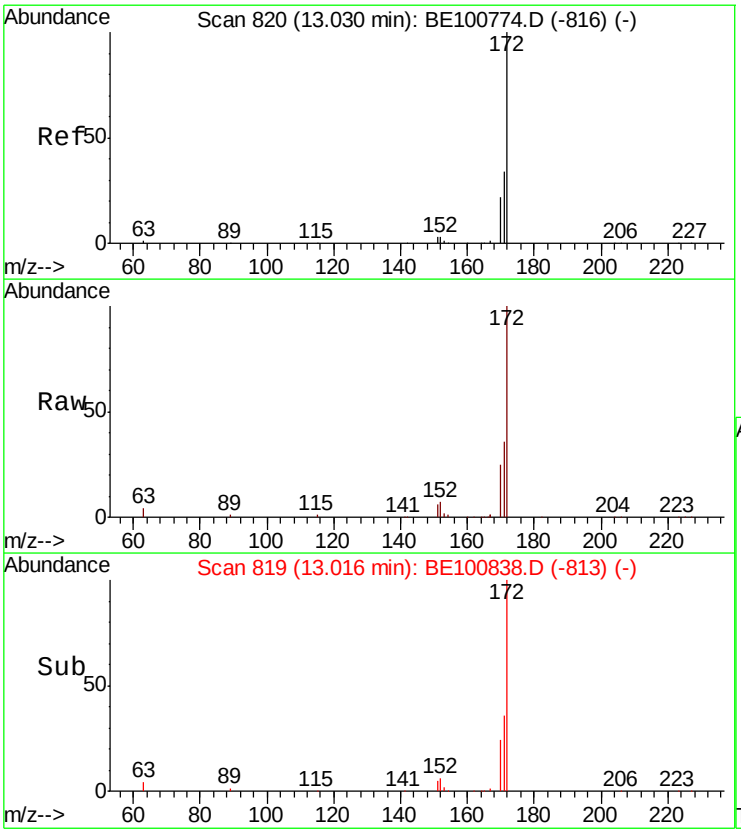
#14
2,4,6-Tribromophenol
Concen: 0.679 ng
RT: 15.88 min Scan# 1019
Delta R.T. 0.00 min
Lab File: BE100838.D
Acq: 11 Dec 2019 8:29

Instrument :
BNA_E
ClientSampleId :
RE131D3-20191205

Tgt Ion:330 Resp: 1077

Ion	Ratio	Lower	Upper
330	100		
332	96.8	69.4	104.2
141	56.0	51.1	76.7

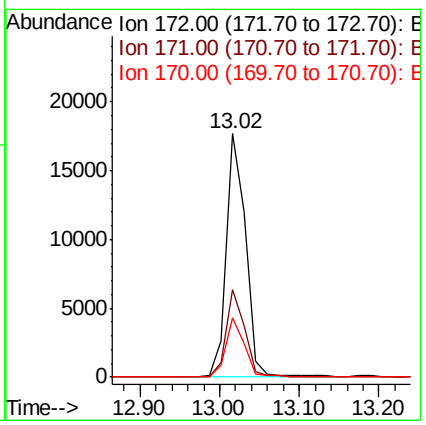


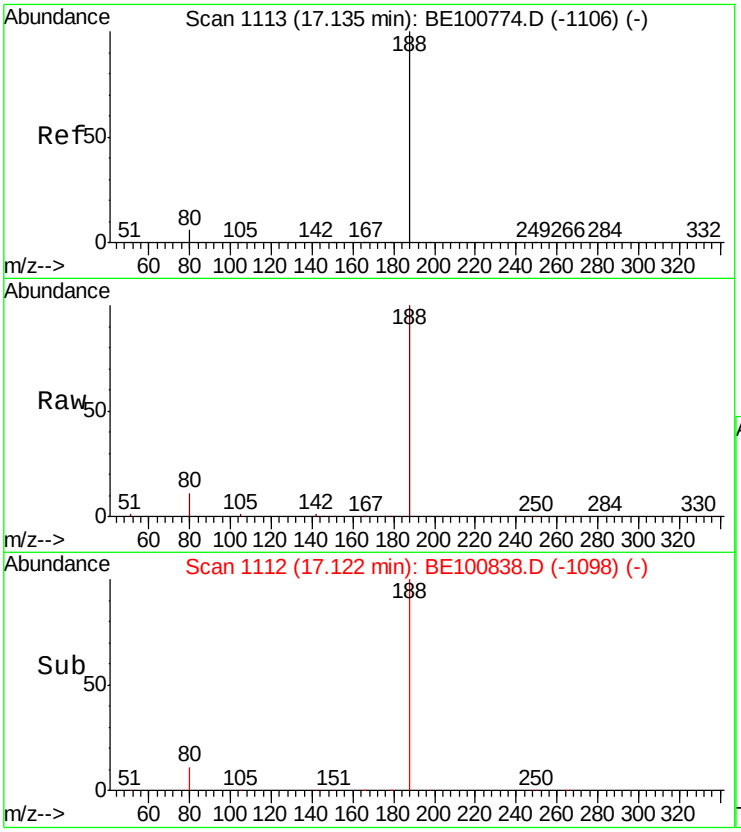


#15
2-Fluorobiphenyl
Concen: 0.515 ng
RT: 13.02 min Scan# 819
Delta R.T. -0.01 min
Lab File: BE100838.D
Acq: 11 Dec 2019 8:29

Tgt Ion:172 Resp: 29157

Ion	Ratio	Lower	Upper
172	100		
171	36.0	27.2	40.8
170	24.6	18.0	27.0



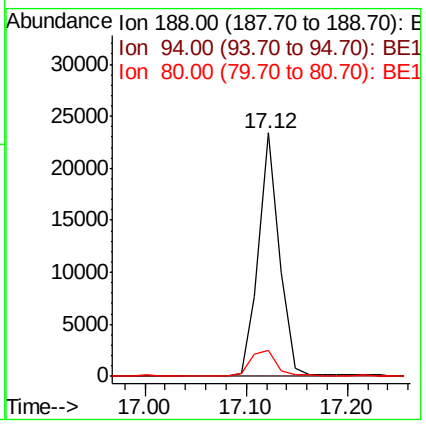


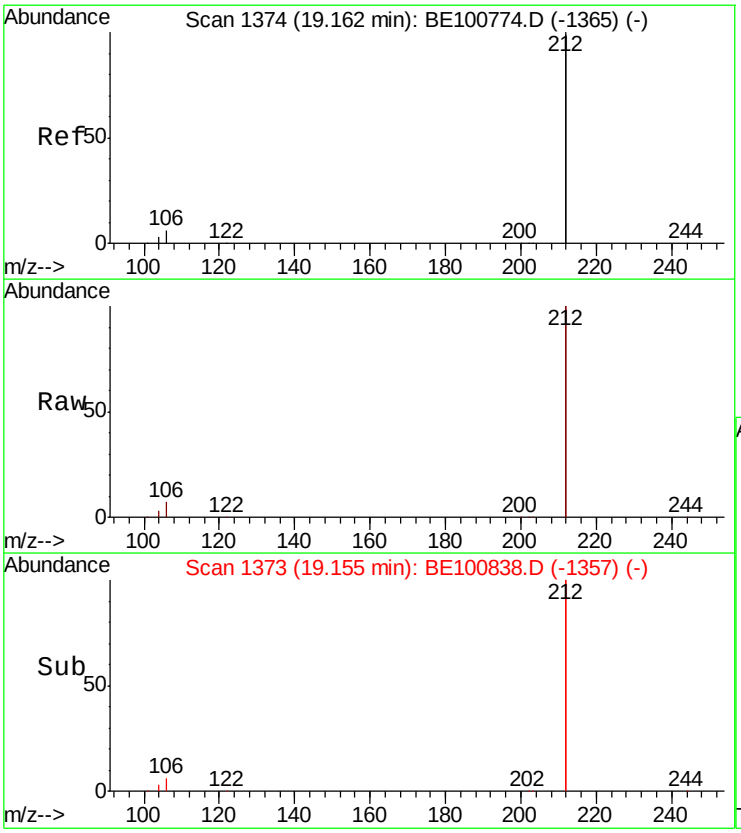
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.12 min Scan# 1112
Delta R.T. -0.01 min
Lab File: BE100838.D
Acq: 11 Dec 2019 8:29

Instrument :
BNA_E
ClientSampleId :
RE131D3-20191205

Tgt Ion:188 Resp: 33922

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	10.9	5.2	7.8#

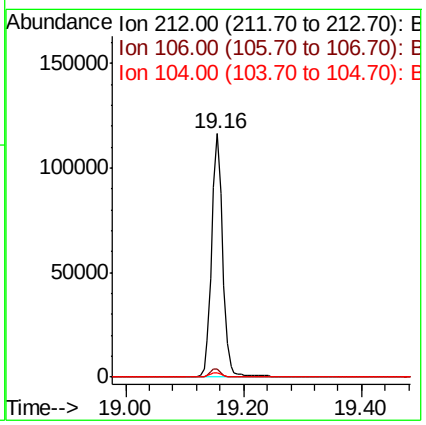


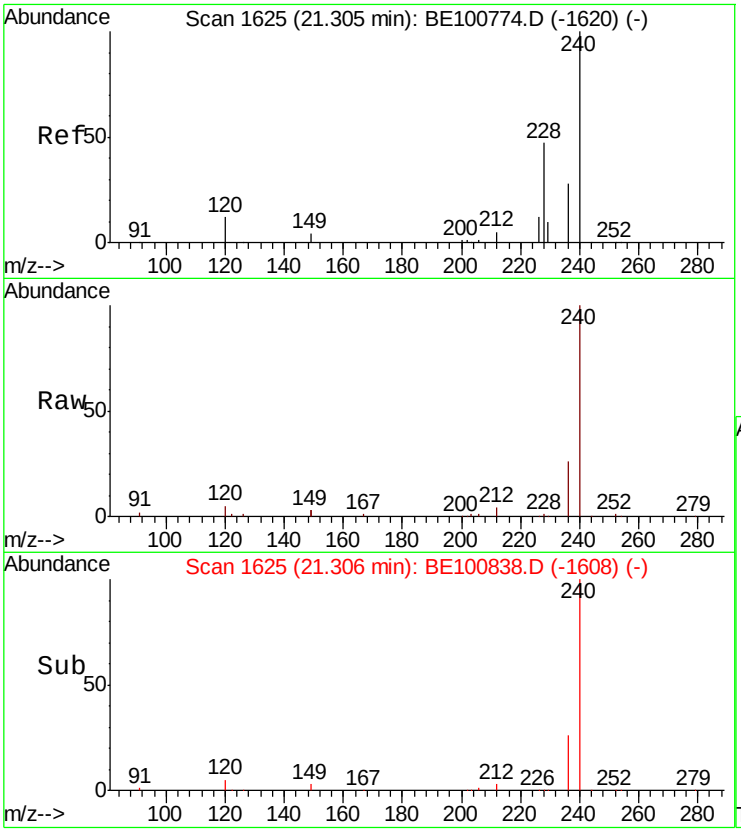


#25
Fluoranthene-d10
Concen: 0.376 ng
RT: 19.16 min Scan# 1373
Delta R.T. -0.01 min
Lab File: BE100838.D
Acq: 11 Dec 2019 8:29

Tgt Ion:212 Resp: 150888

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



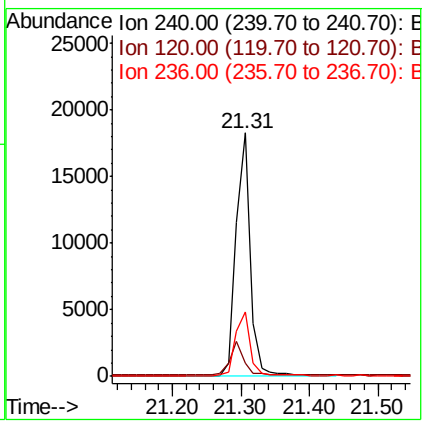


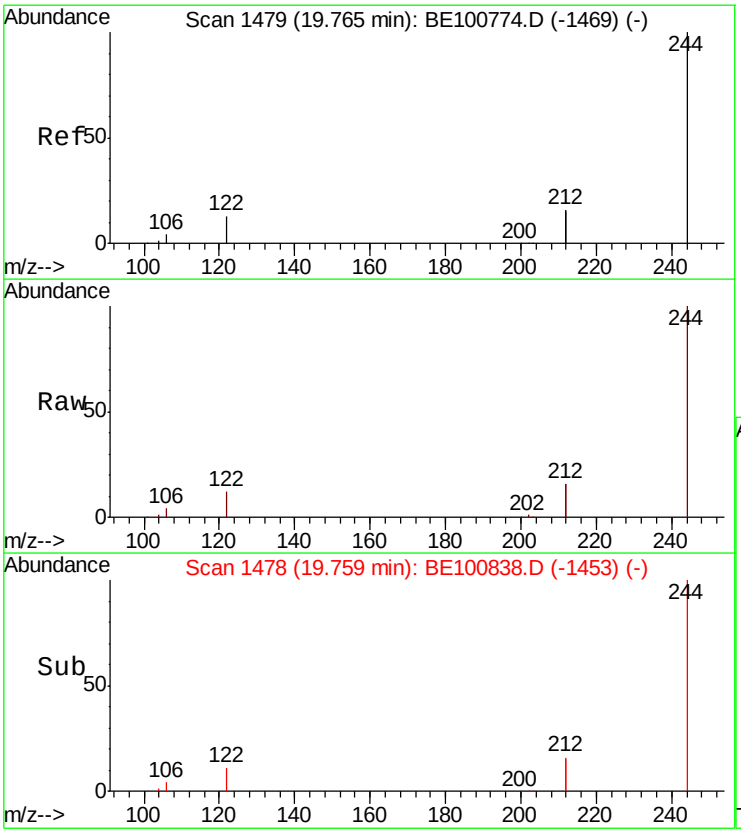
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.31 min Scan# 1625
Delta R.T. 0.00 min
Lab File: BE100838.D
Acq: 11 Dec 2019 8:29

Instrument :
BNA_E
ClientSampleId :
RE131D3-20191205

Tgt Ion:240 Resp: 26184

Ion	Ratio	Lower	Upper
240	100		
120	5.5	10.2	15.2#
236	26.4	22.3	33.5

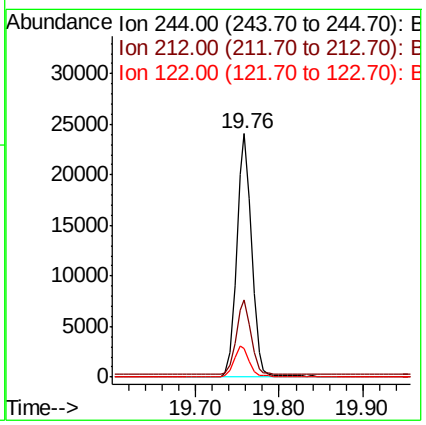


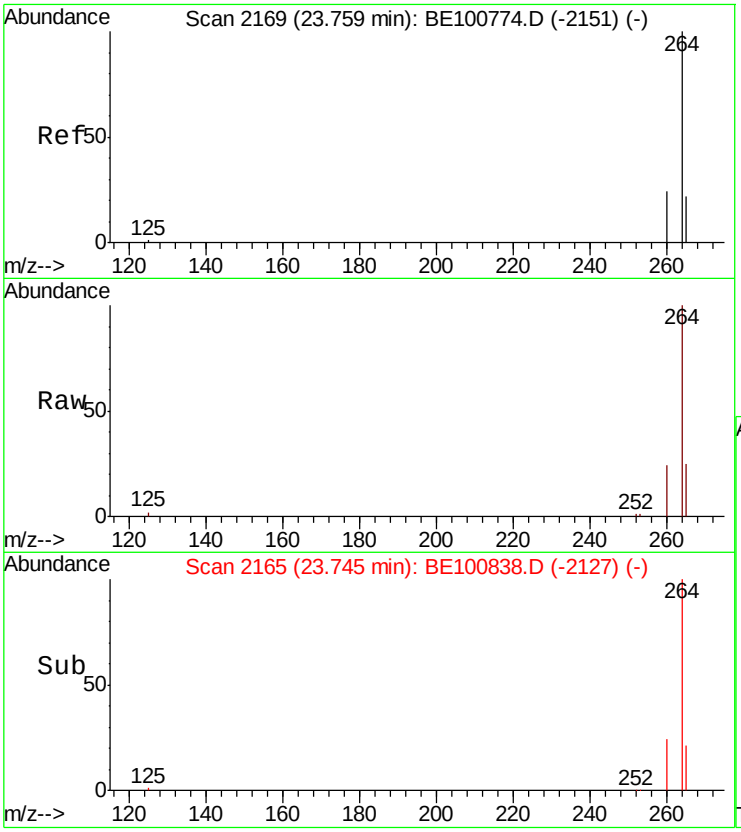


#29
Terphenyl-d14
Concen: 0.471 ng
RT: 19.76 min Scan# 1478
Delta R.T. -0.01 min
Lab File: BE100838.D
Acq: 11 Dec 2019 8:29

Tgt Ion:244 Resp: 29568

Ion	Ratio	Lower	Upper
244	100		
212	31.6	26.2	39.4
122	11.5	10.2	15.4





#34
Perylene-d12
Concen: 0.400 ng
RT: 23.75 min Scan# 2165
Delta R.T. -0.01 min
Lab File: BE100838.D
Acq: 11 Dec 2019 8:29

Instrument :
BNA_E
ClientSampleId :
RE131D3-20191205

Tgt Ion:264 Resp: 30761

Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.4	29.2
265	24.8	21.8	32.8