Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE062019\
Data File : BE100108.D
Acq On : 20 Jun 2019 14:50
Operator : JU/SJ
Sample : K3345-08
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : MW-5_061219

Quant Time: Jun 21 02:03:23 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE061919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 19 15:07:24 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	571	0.40	ng		-0.01
7) Naphthalene-d8	10.52	136	1997	0.40	ng		-0.01
13) Acenaphthene-d10	14.41	164	1491	0.40	ng		0.00
19) Phenanthrene-d10	17.16	188	4723	0.40	ng		0.00
27) Chrysene-d12	21.34	240	8004	0.40	ng		0.00
34) Perylene-d12	23.83	264	10232	0.40	ng		-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.31	112	213	0.18	ng		0.00
5) Phenol-d6	6.93	99	163	0.10	ng		0.00
8) Nitrobenzene-d5	8.91	82	648	0.33	ng		0.00
11) 2-Methylnaphthalene-d10	12.14	152	136	0.04	ng		-0.01
14) 2,4,6-Tribromophenol	15.92	330	333	0.40	ng		0.00
15) 2-Fluorobiphenyl	13.03	172	3025	0.52	ng		-0.01
25) Fluoranthene-d10	19.20	212	2539	0.04	ng		0.00
29) Terphenyl-d14	19.79	244	7565	0.47	ng		-0.02
Target Compounds							Qvalue
9) Naphthalene	10.58	128	95173	4.386	ng	#	97
12) 2-Methylnaphthalene	12.21	142	4340	1.216	ng		95
32) Bis(2-ethylhexyl)phthalate	21.24	149	2748	0.122	ng	#	98

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

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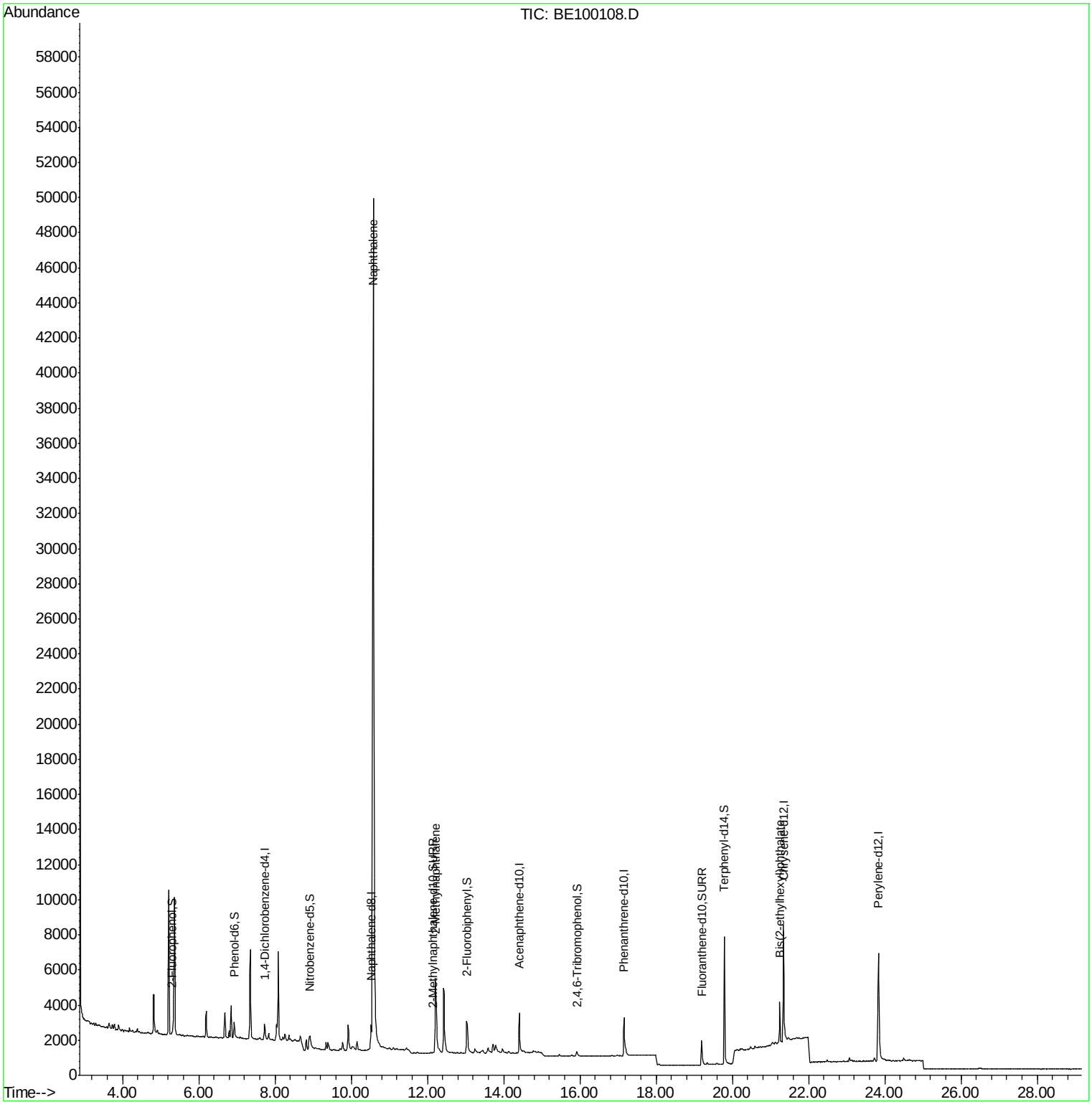
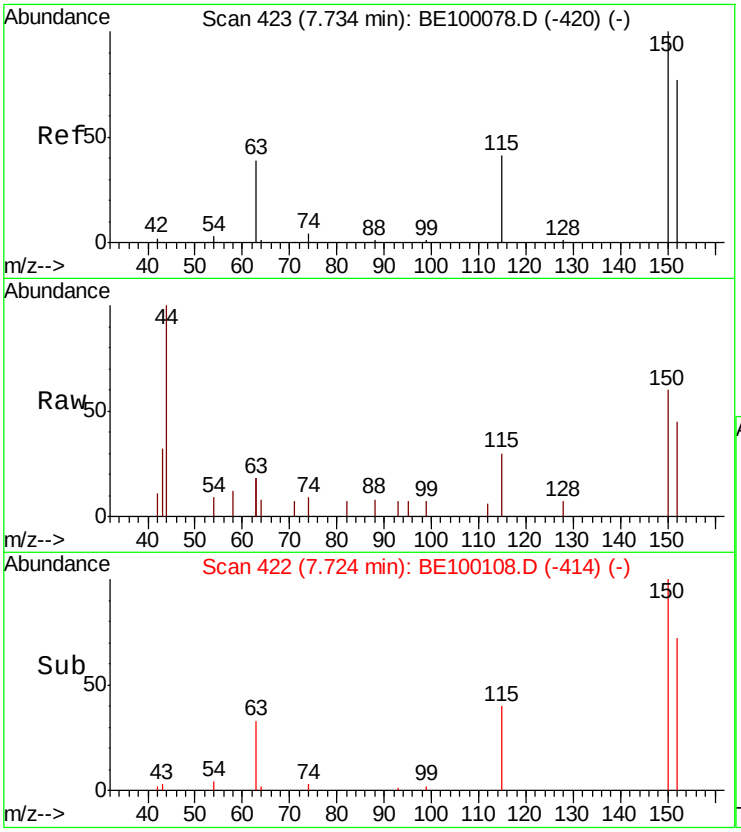


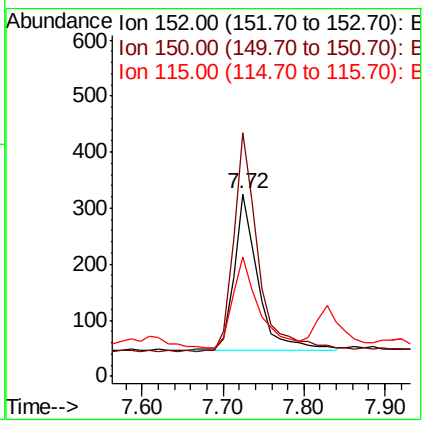


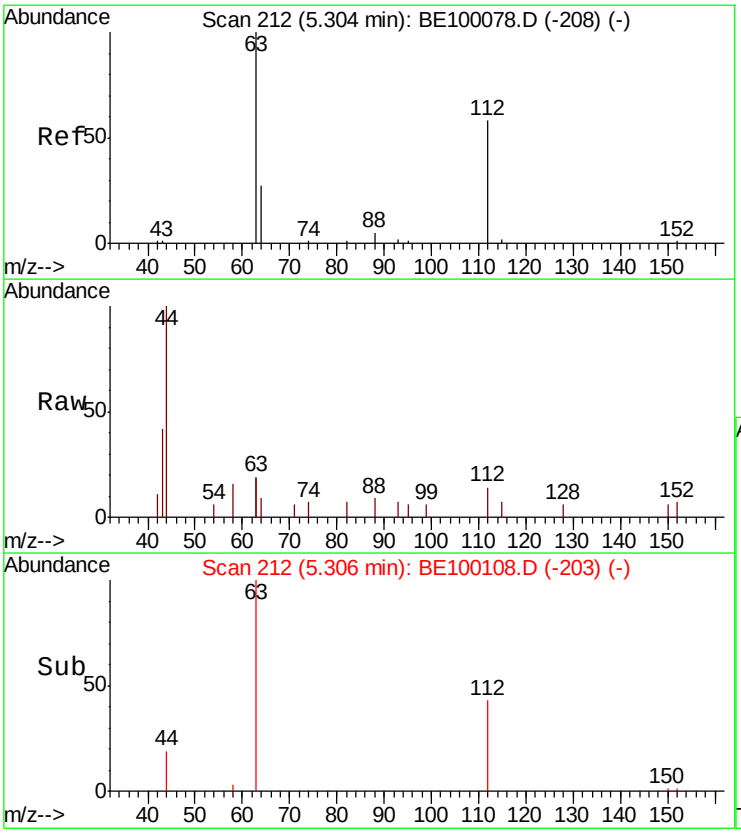
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.72 min Scan# 422
Delta R.T. -0.01 min
Lab File: BE100108.D
Acq: 20 Jun 2019 14:50

Instrument :
BNA_E
ClientSampleId :
MW-5_061219

Tgt Ion:152 Resp: 571

Ion	Ratio	Lower	Upper
152	100		
150	133.1	99.8	149.8
115	65.3	51.3	76.9

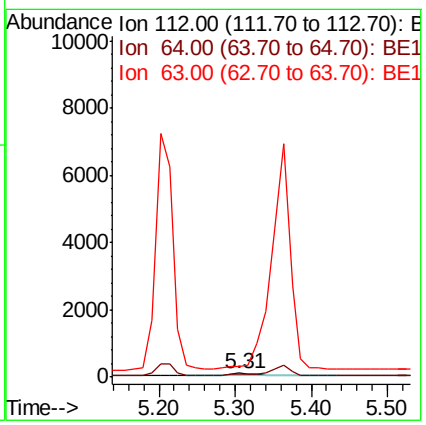


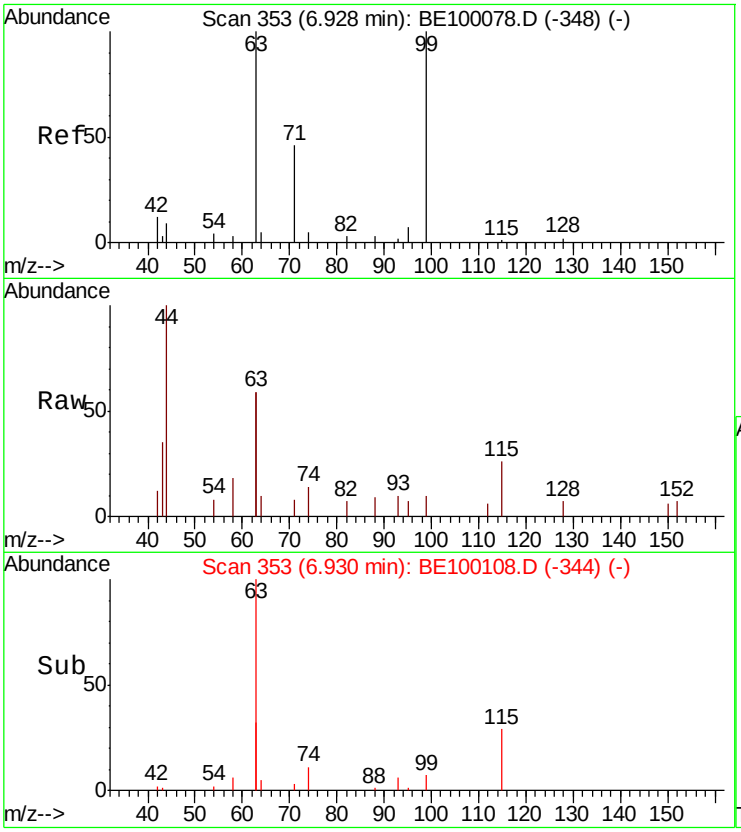


#4
2-Fluorophenol
Concen: 0.180 ng
RT: 5.31 min Scan# 212
Delta R.T. 0.00 min
Lab File: BE100108.D
Acq: 20 Jun 2019 14:50

Tgt Ion:112 Resp: 213

Ion	Ratio	Lower	Upper
112	100		
64	35.7	22.0	33.0#
63	0.0	121.8	182.6#



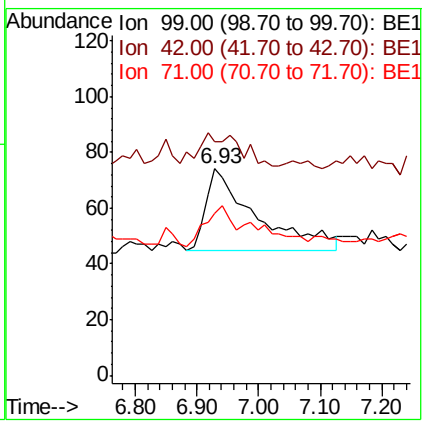


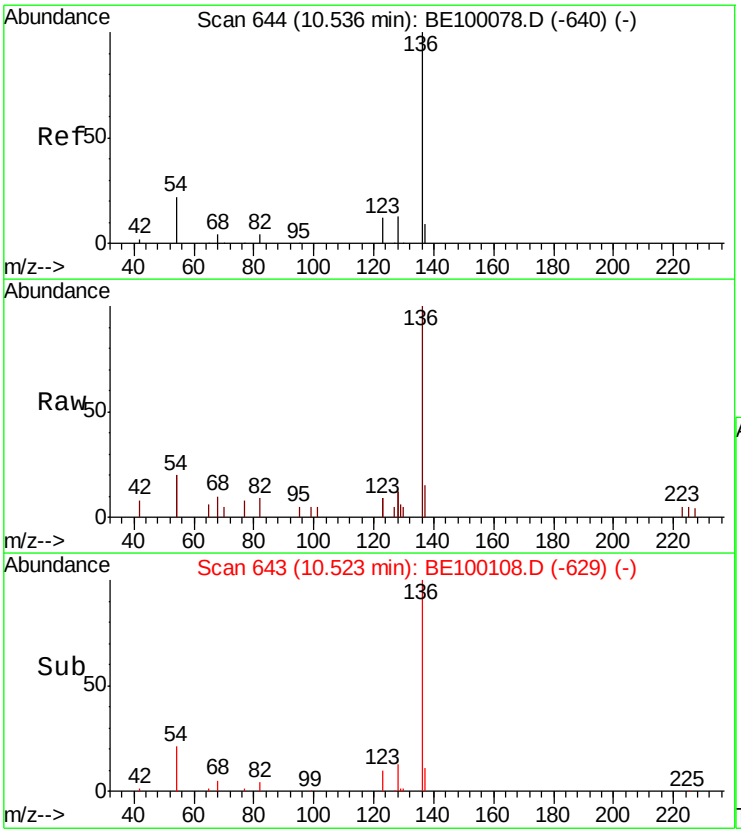
#5
Phenol-d6
Concen: 0.100 ng
RT: 6.93 min Scan# 353
Delta R.T. 0.00 min
Lab File: BE100108.D
Acq: 20 Jun 2019 14:50

Instrument :
BNA_E
ClientSampleId :
MW-5_061219

Tgt Ion: 99 Resp: 163

Ion	Ratio	Lower	Upper
99	100		
42	0.0	0.0	0.0
71	27.0	37.6	56.4#

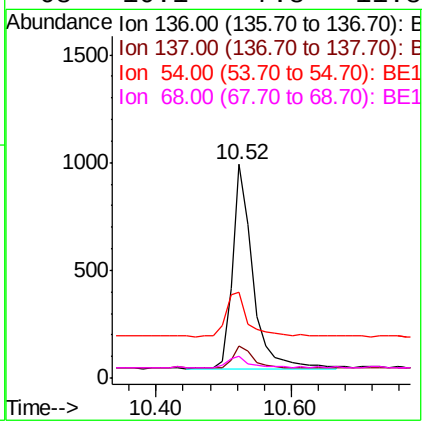


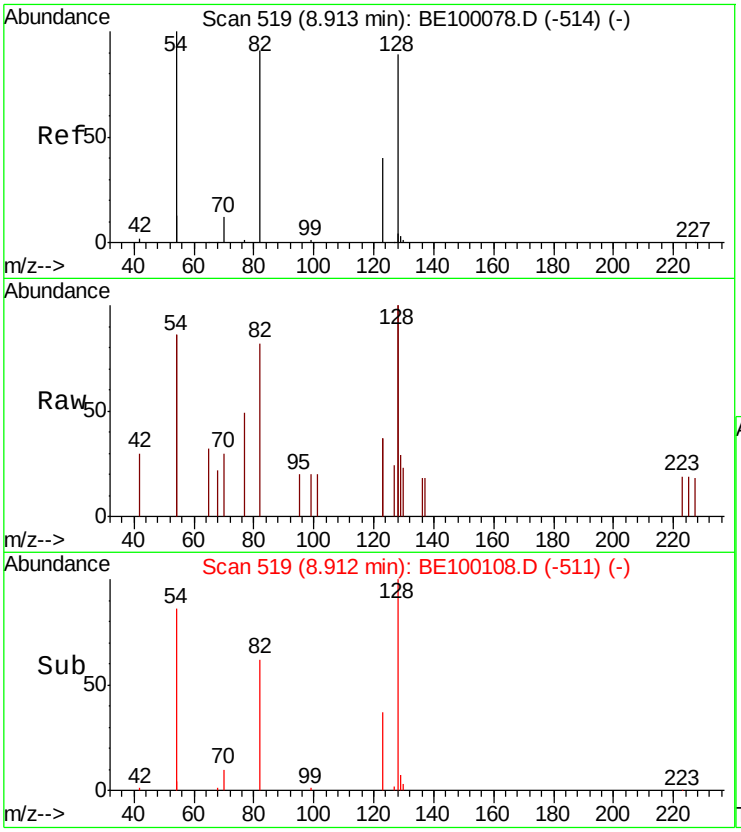


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.52 min Scan# 643
Delta R.T. -0.01 min
Lab File: BE100108.D
Acq: 20 Jun 2019 14:50

Tgt Ion:136 Resp: 1997

Ion	Ratio	Lower	Upper
136	100		
137	14.7	11.6	17.4
54	39.9	33.9	50.9
68	10.1	7.8	11.8



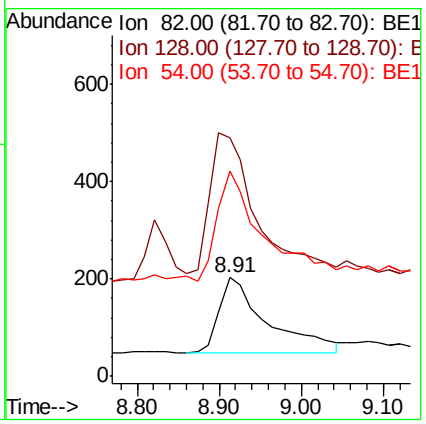


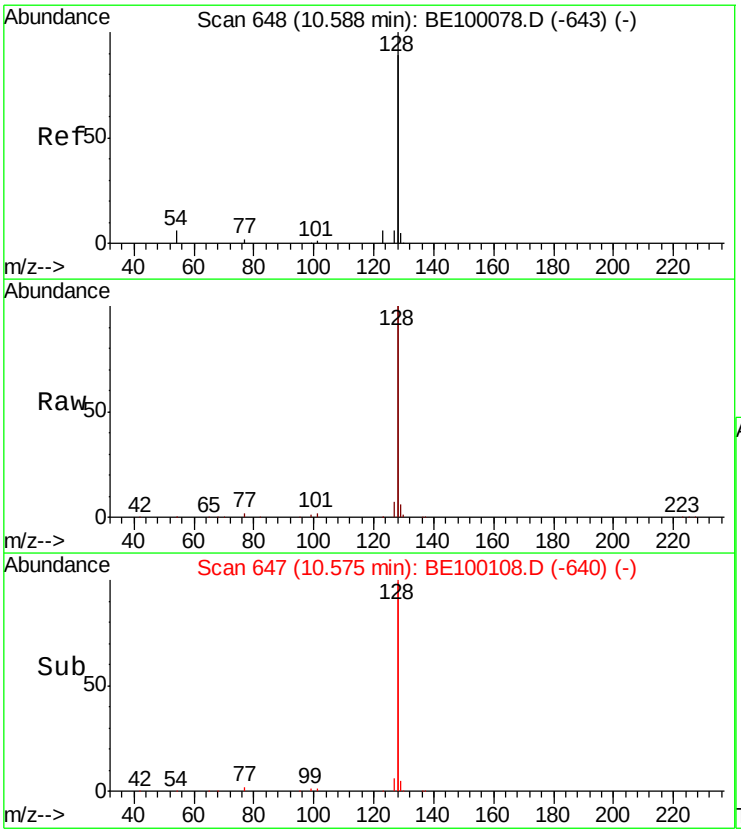
#8
Nitrobenzene-d5
Concen: 0.335 ng
RT: 8.91 min Scan# 519
Delta R.T. -0.00 min
Lab File: BE100108.D
Acq: 20 Jun 2019 14:50

Instrument :
BNA_E
ClientSampleId :
MW-5_061219

Tgt Ion: 82 Resp: 648

Ion	Ratio	Lower	Upper
82	100		
128	242.6	128.0	192.0#
54	208.9	143.4	215.0

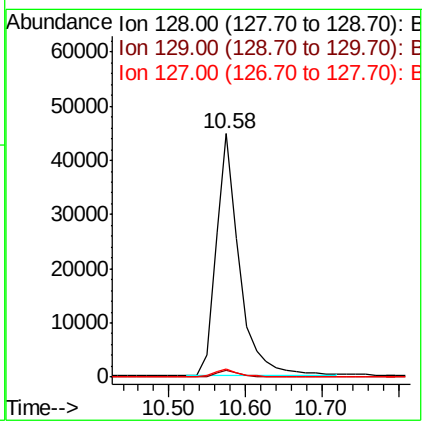


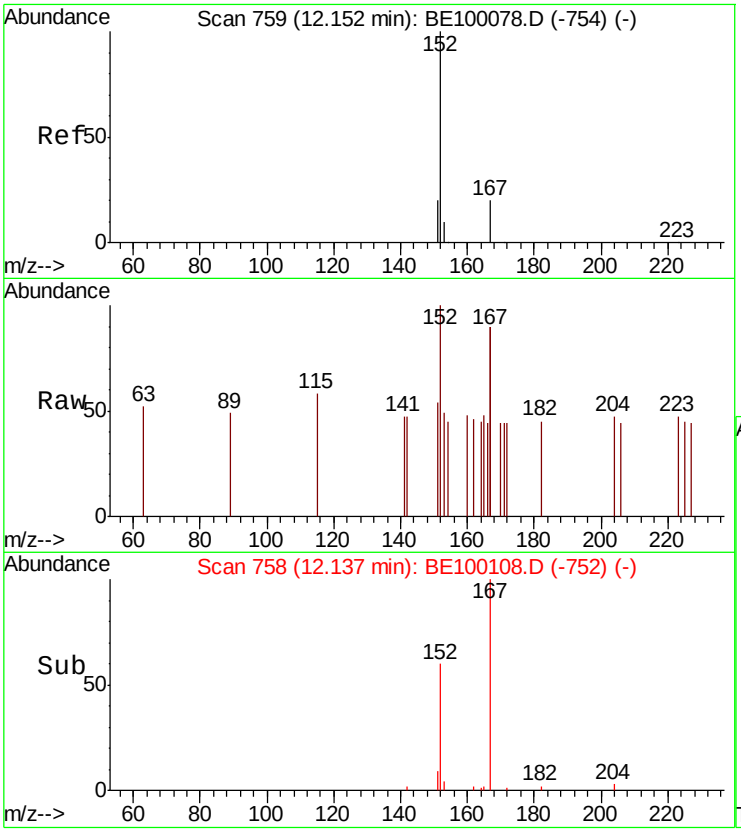


#9
Naphthalene
Concen: 4.386 ng
RT: 10.58 min Scan# 647
Delta R.T. -0.01 min
Lab File: BE100108.D
Acq: 20 Jun 2019 14:50

Tgt Ion:128 Resp: 95173

Ion	Ratio	Lower	Upper
128	100		
129	2.9	3.1	4.7#
127	3.3	3.4	5.2#



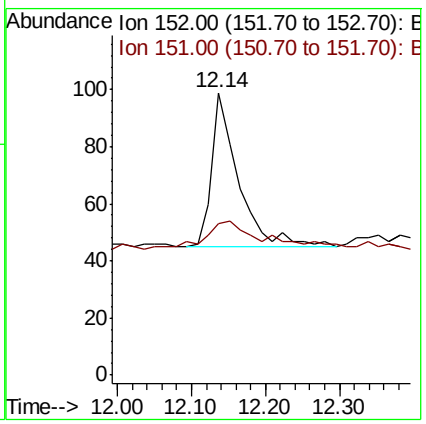


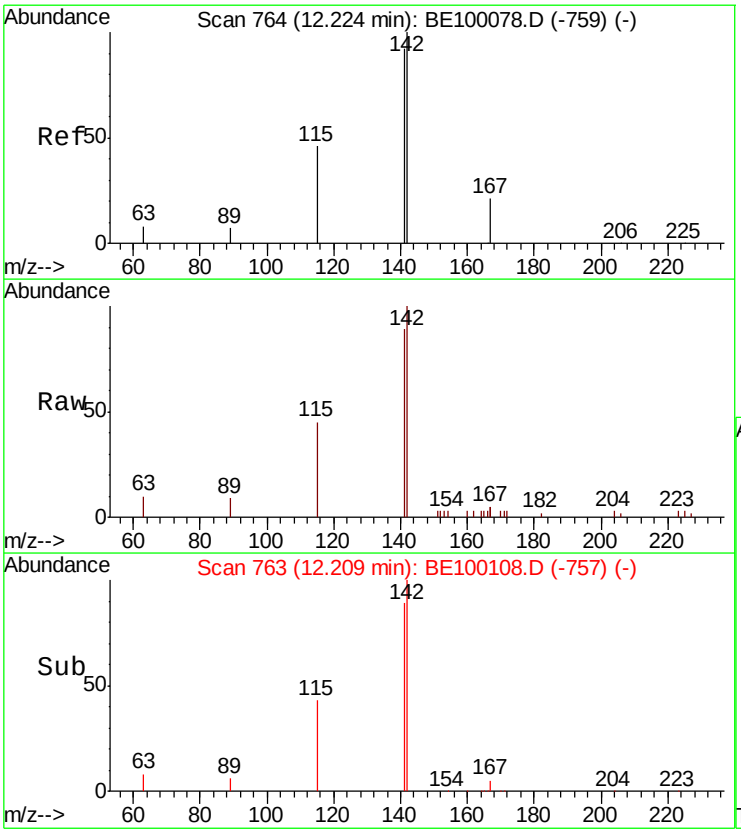
#11
2-Methylnaphthalene-d10
Concen: 0.036 ng
RT: 12.14 min Scan# 758
Delta R.T. -0.01 min
Lab File: BE100108.D
Acq: 20 Jun 2019 14:50

Instrument :
BNA_E
ClientSampleId :
MW-5_061219

Tgt Ion:152 Resp: 136

Ion	Ratio	Lower	Upper
152	100		
151	30.9	16.3	24.5#

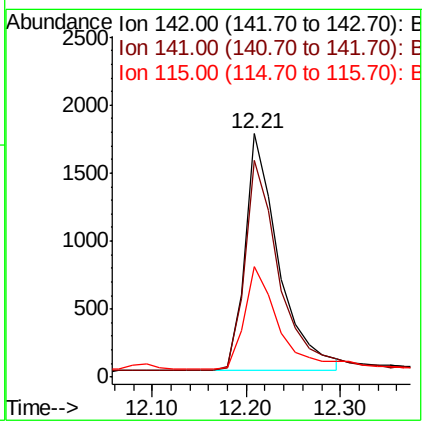


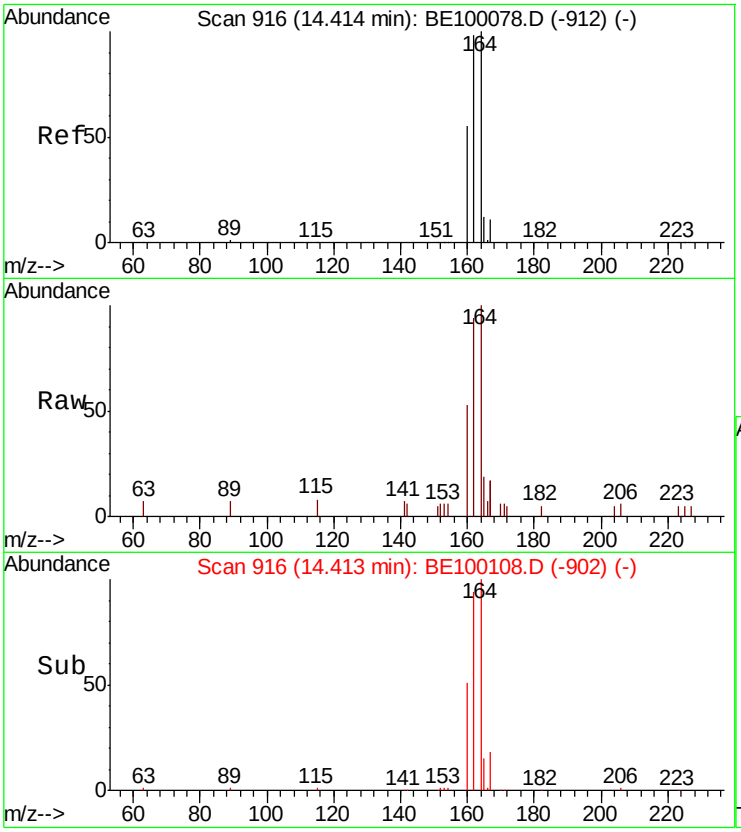


#12
2-Methylnaphthalene
Concen: 1.216 ng
RT: 12.21 min Scan# 763
Delta R.T. -0.01 min
Lab File: BE100108.D
Acq: 20 Jun 2019 14:50

Tgt Ion:142 Resp: 4340

Ion	Ratio	Lower	Upper
142	100		
141	89.2	74.1	111.1
115	45.4	40.9	61.3



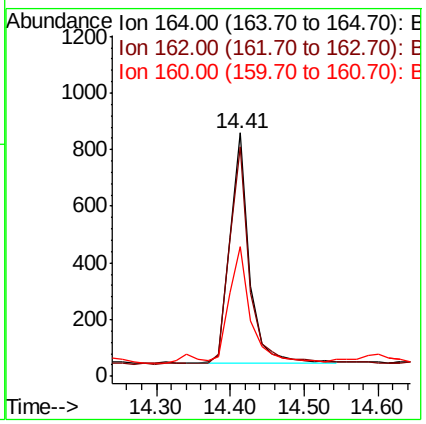


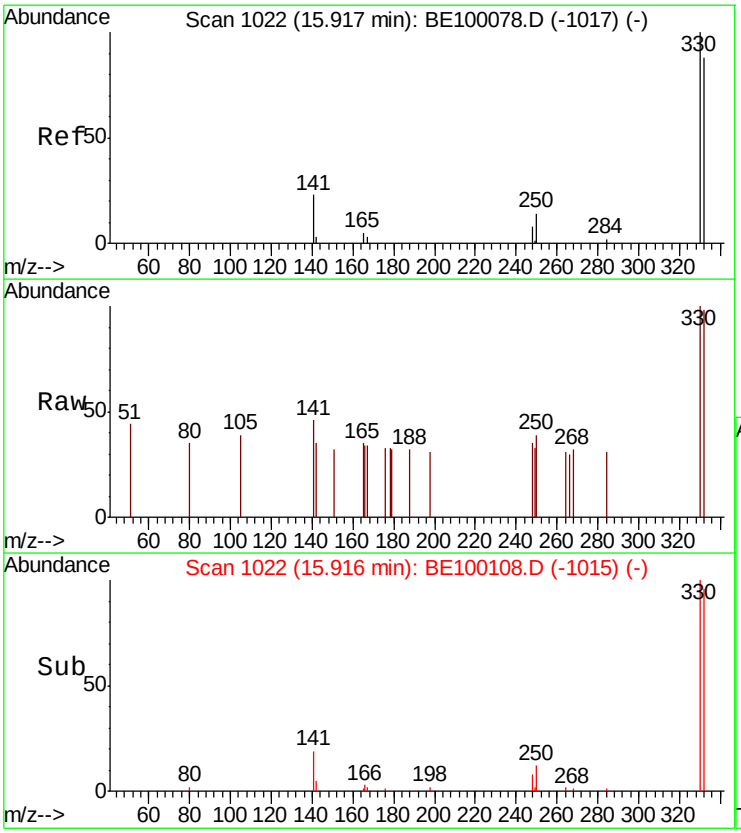
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.41 min Scan# 916
Delta R.T. -0.00 min
Lab File: BE100108.D
Acq: 20 Jun 2019 14:50

Instrument :
BNA_E
ClientSampleId :
MW-5_061219

Tgt Ion:164 Resp: 1491

Ion	Ratio	Lower	Upper
164	100		
162	94.2	78.2	117.2
160	53.3	45.6	68.4

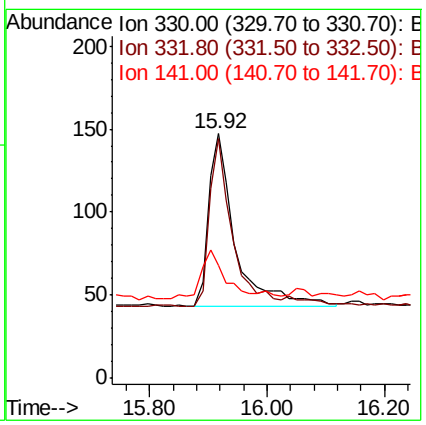


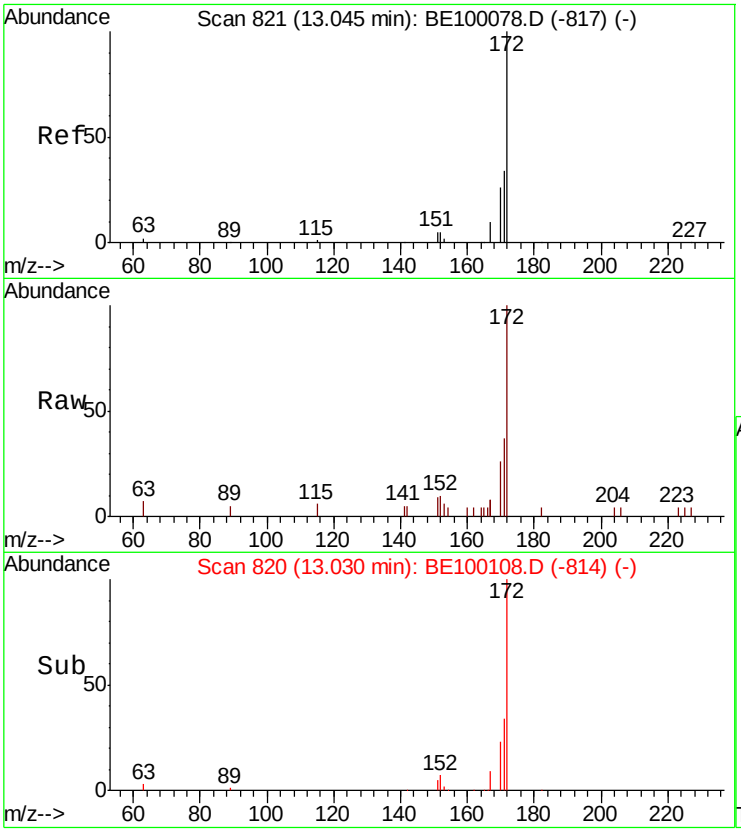


#14
2,4,6-Tribromophenol
Concen: 0.404 ng
RT: 15.92 min Scan# 1022
Delta R.T. -0.00 min
Lab File: BE100108.D
Acq: 20 Jun 2019 14:50

Tgt Ion:330 Resp: 333

Ion	Ratio	Lower	Upper
330	100		
332	82.6	73.3	109.9
141	22.5	22.2	33.2



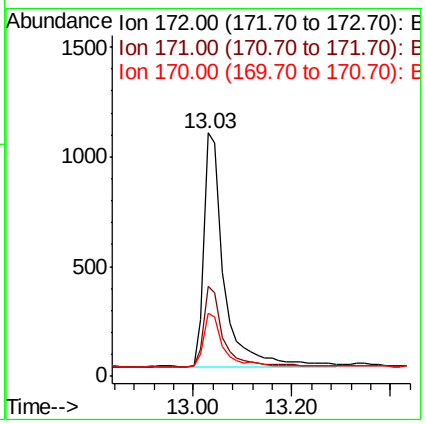


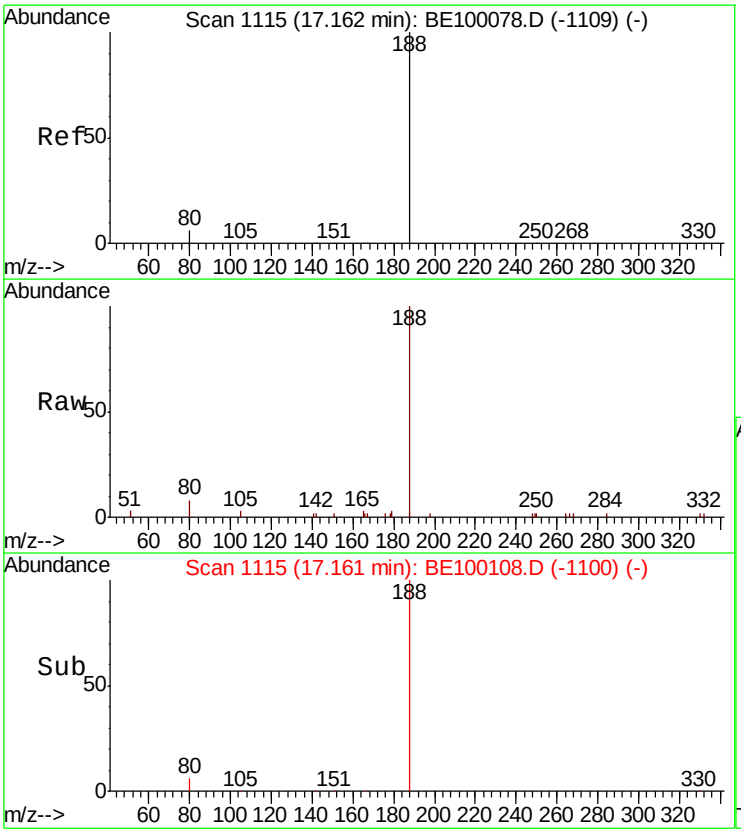
#15
2-Fluorobiphenyl
Concen: 0.516 ng
RT: 13.03 min Scan# 820
Delta R.T. -0.01 min
Lab File: BE100108.D
Acq: 20 Jun 2019 14:50

Instrument :
BNA_E
ClientSampleId :
MW-5_061219

Tgt Ion:172 Resp: 3025

Ion	Ratio	Lower	Upper
172	100		
171	36.8	29.8	44.8
170	25.9	23.2	34.8

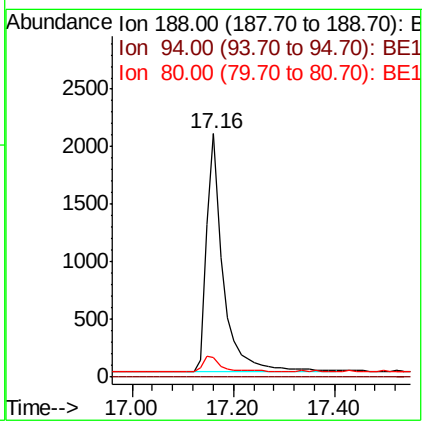


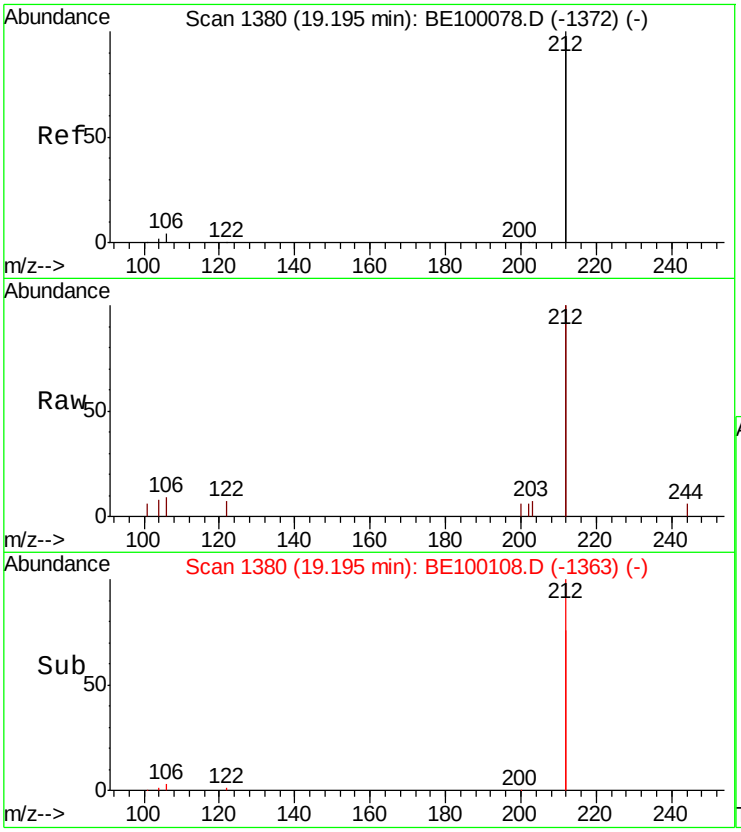


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.16 min Scan# 1115
Delta R.T. -0.00 min
Lab File: BE100108.D
Acq: 20 Jun 2019 14:50

Tgt Ion:188 Resp: 4723

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	8.1	6.3	9.5



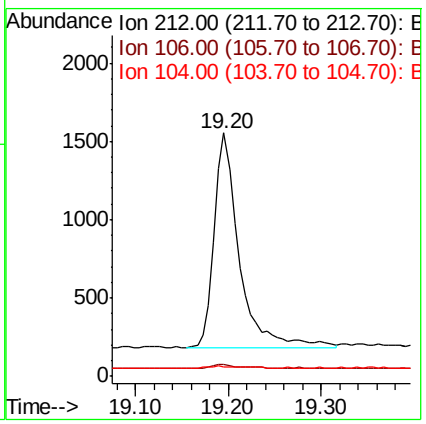


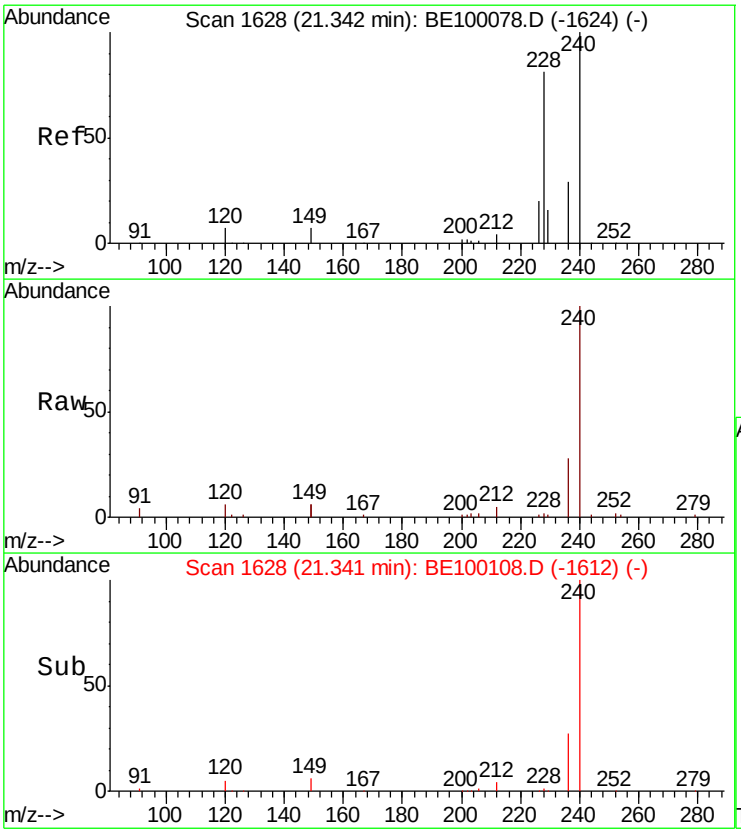
#25
Fluoranthene-d10
Concen: 0.038 ng
RT: 19.20 min Scan# 1380
Delta R.T. -0.00 min
Lab File: BE100108.D
Acq: 20 Jun 2019 14:50

Instrument :
BNA_E
ClientSampleId :
MW-5_061219

Tgt Ion:212 Resp: 2539

Ion	Ratio	Lower	Upper
212	100		
106	2.1	1.4	2.0#
104	1.1	0.8	1.2

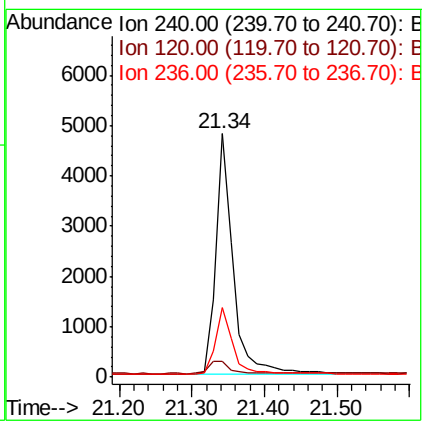


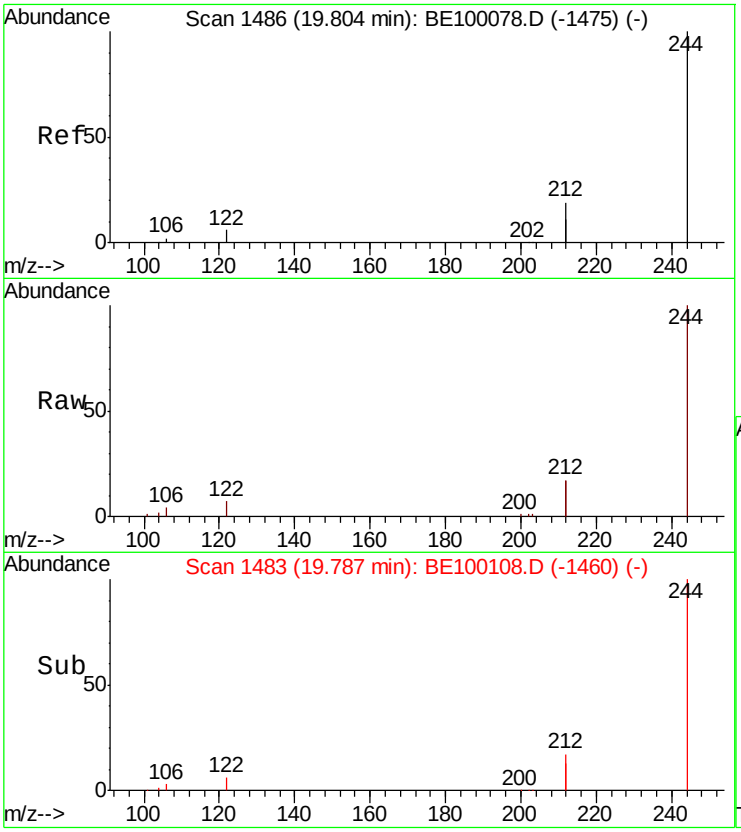


#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.34 min Scan# 1628
Delta R.T. -0.00 min
Lab File: BE100108.D
Acq: 20 Jun 2019 14:50

Tgt Ion:240 Resp: 8004

Ion	Ratio	Lower	Upper
240	100		
120	6.3	6.6	10.0#
236	28.3	23.8	35.6



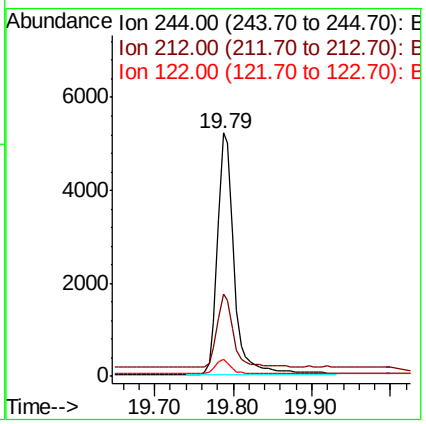


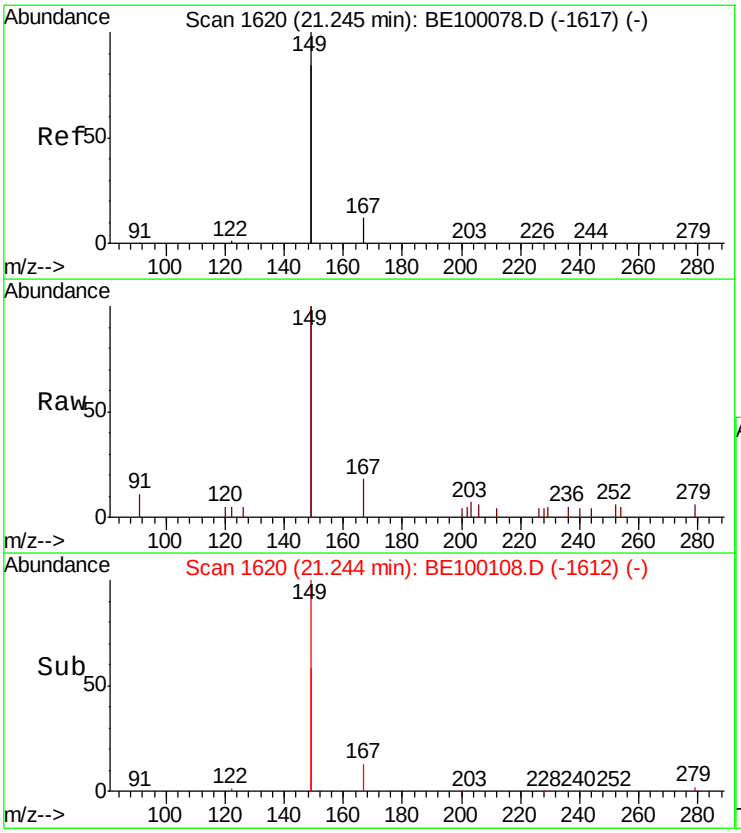
#29
Terphenyl-d14
Concen: 0.473 ng
RT: 19.79 min Scan# 1483
Delta R.T. -0.02 min
Lab File: BE100108.D
Acq: 20 Jun 2019 14:50

Instrument :
BNA_E
ClientSampleId :
MW-5_061219

Tgt Ion:244 Resp: 7565

Ion	Ratio	Lower	Upper
244	100		
212	34.0	29.8	44.8
122	7.1	6.1	9.1

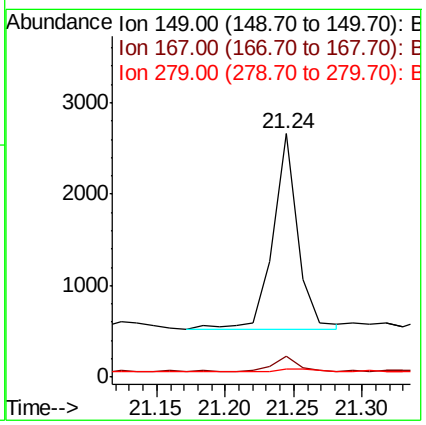


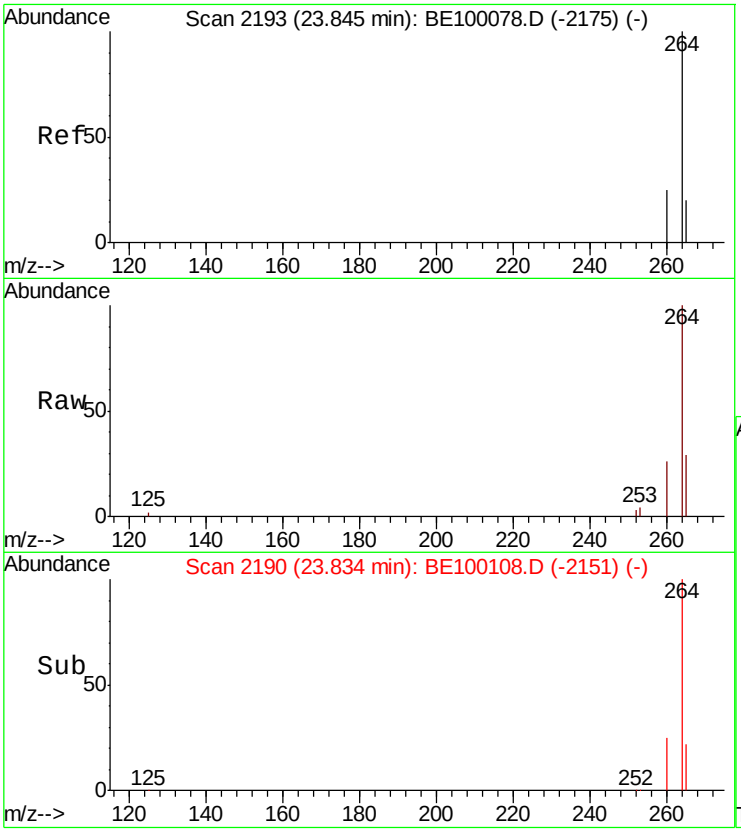


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.122 ng
RT: 21.24 min Scan# 1620
Delta R.T. -0.00 min
Lab File: BE100108.D
Acq: 20 Jun 2019 14:50

Tgt Ion:149 Resp: 2748

Ion	Ratio	Lower	Upper
149	100		
167	7.9	5.8	8.6
279	2.0	1.1	1.7#





#34
Perylene-d12
Concen: 0.400 ng
RT: 23.83 min Scan# 2190
Delta R.T. -0.01 min
Lab File: BE100108.D
Acq: 20 Jun 2019 14:50

Instrument :
BNA_E
ClientSampleId :
MW-5_061219

Tgt Ion:264 Resp: 10232

Ion	Ratio	Lower	Upper
264	100		
260	25.7	20.8	31.2
265	29.4	23.2	34.8