Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE061719\
Data File : BE100072.D
Acq On : 17 Jun 2019 21:48
Operator : JU/SJ
Sample : K3315-09DL 2X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : TT101D1-20190610DL

Quant Time: Jun 18 03:56:23 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE061719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 17 17:23:36 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	462	0.40	ng	0.02
7) Naphthalene-d8	10.63	136	1547	0.40	ng	0.04
13) Acenaphthene-d10	14.47	164	1375	0.40	ng	0.01
19) Phenanthrene-d10	17.23	188	4229	0.40	ng	0.03
27) Chrysene-d12	21.40	240	6506	0.40	ng	0.01
34) Perylene-d12	23.92	264	7416	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.36	112	48	0.04	ng	0.01
5) Phenol-d6	7.00	99	4	0.00	ng	0.03
8) Nitrobenzene-d5	9.11	82	197	0.13	ng	0.14
11) 2-Methylnaphthalene-d10	12.27	152	555	0.20	ng	0.06
14) 2,4,6-Tribromophenol	16.01	330	130	0.15	ng	0.04
15) 2-Fluorobiphenyl	13.13	172	1221	0.23	ng	0.04
25) Fluoranthene-d10	19.25	212	12456	0.21	ng	0.00
29) Terphenyl-d14	19.84	244	3967	0.36	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.26	88	2997	3.718	ng	# 92
32) Bis(2-ethylhexyl)phthalate	21.28	149	800	0.031	ng	# 97

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

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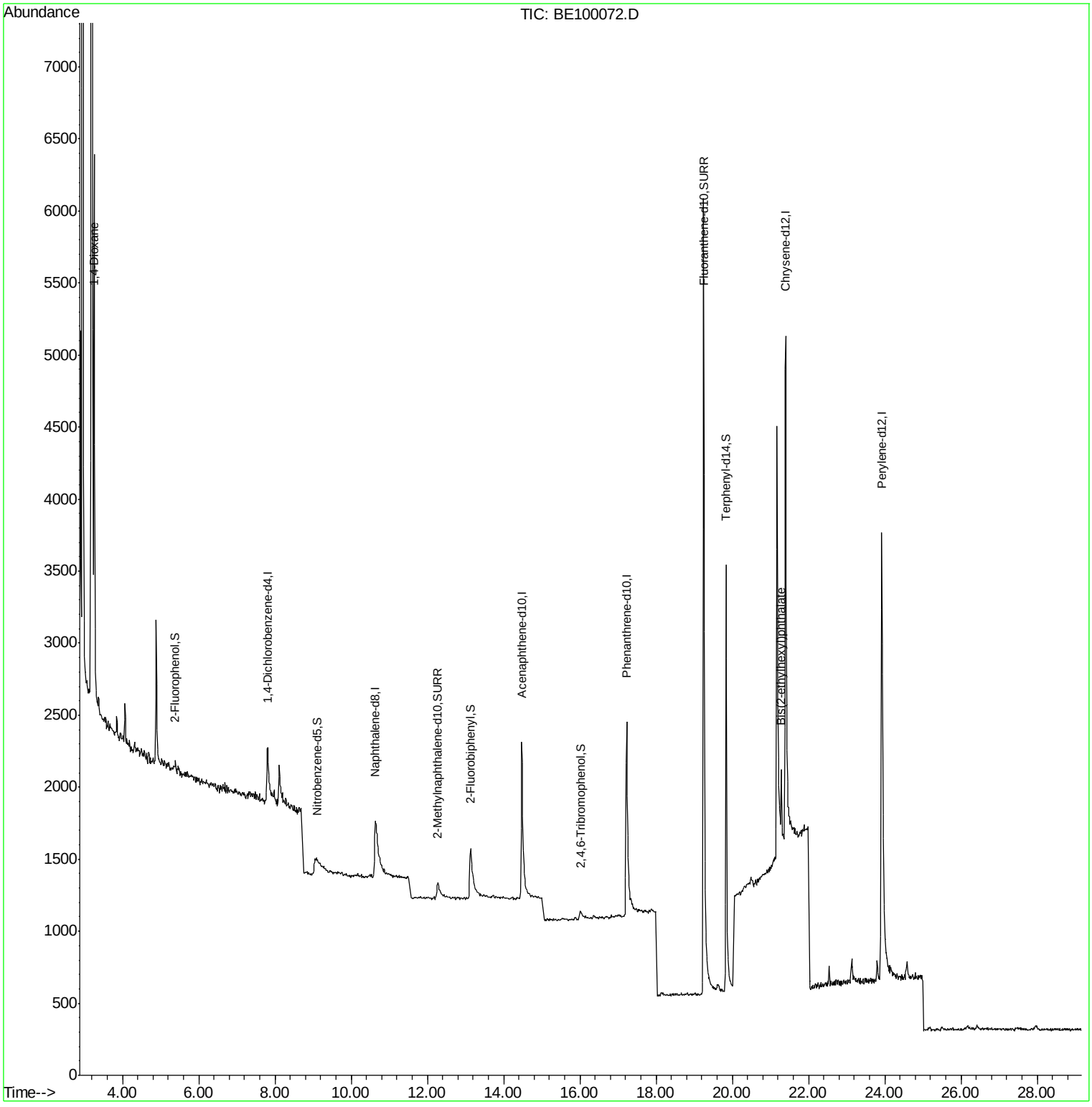
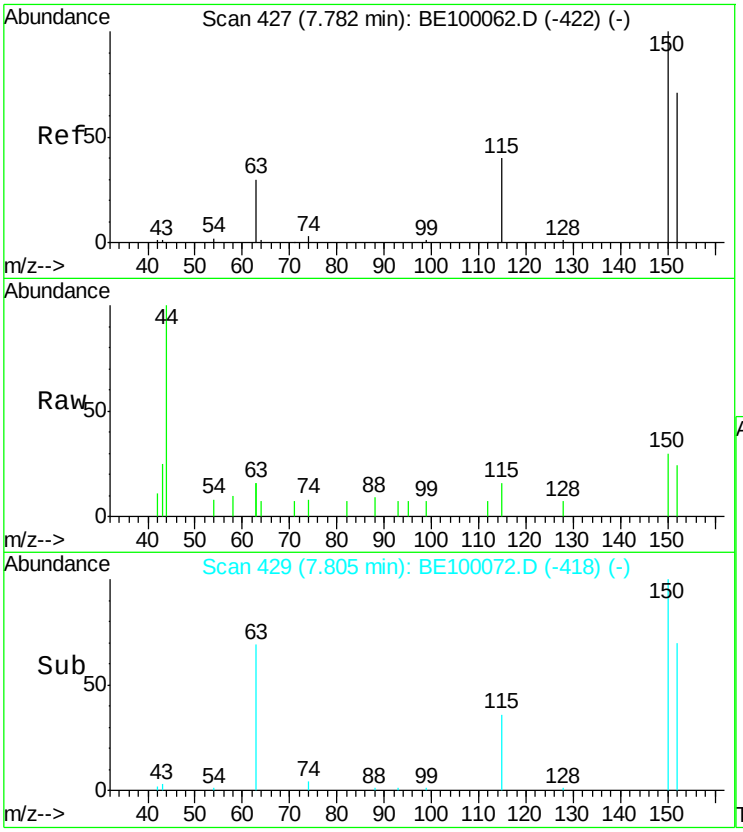


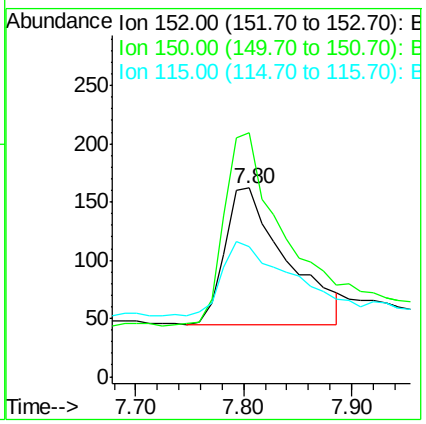


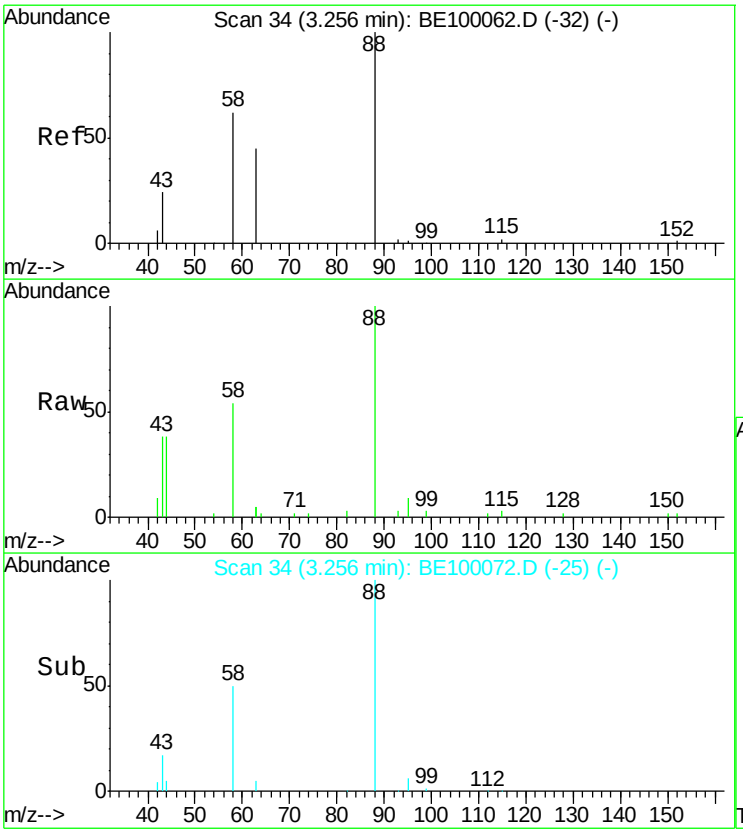
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.80 min Scan# 429
Delta R.T. 0.02 min
Lab File: BE100072.D
Acq: 17 Jun 2019 21:48

Instrument :
BNA_E
ClientSampleId :
TT101D1-20190610DL

Tgt Ion:152 Resp: 462

Ion	Ratio	Lower	Upper
152	100		
150	129.0	109.5	164.3
115	69.1	52.6	78.8

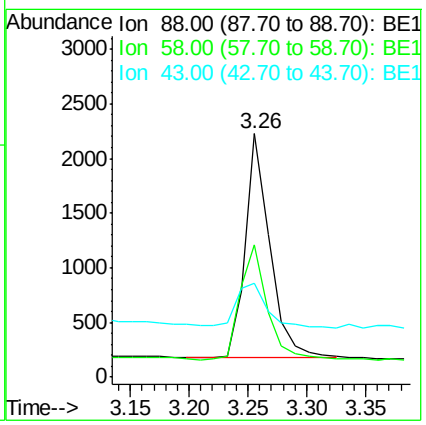


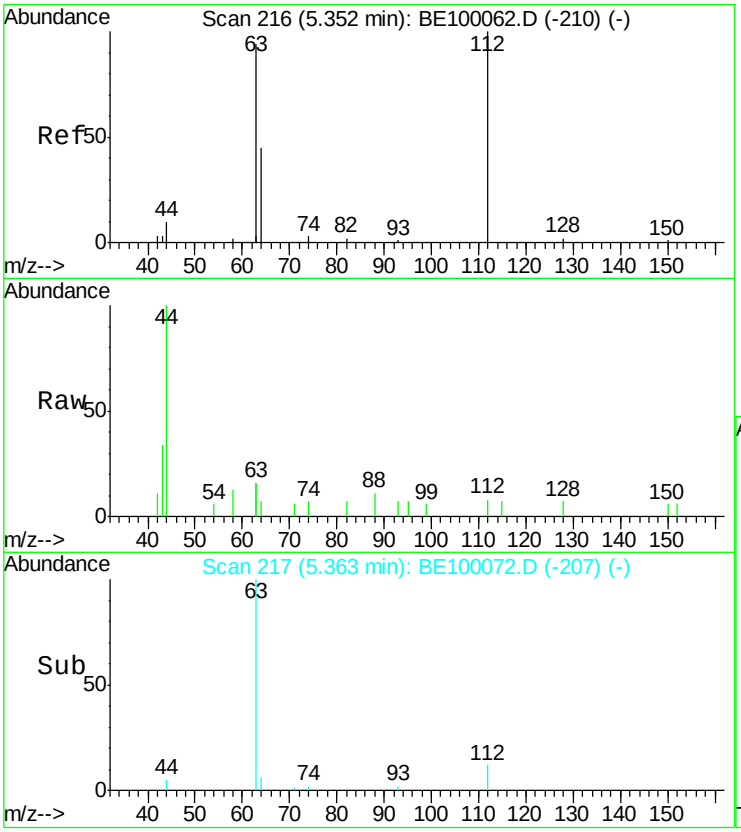


#2
1,4-Dioxane
Concen: 3.718 ng
RT: 3.26 min Scan# 34
Delta R.T. -0.00 min
Lab File: BE100072.D
Acq: 17 Jun 2019 21:48

Tgt Ion: 88 Resp: 2997

Ion	Ratio	Lower	Upper
88	100		
58	57.0	41.9	62.9
43	25.5	15.8	23.8#



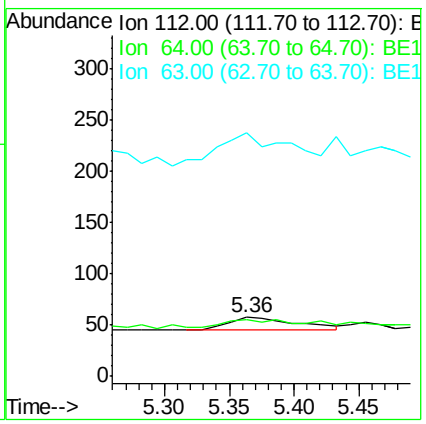


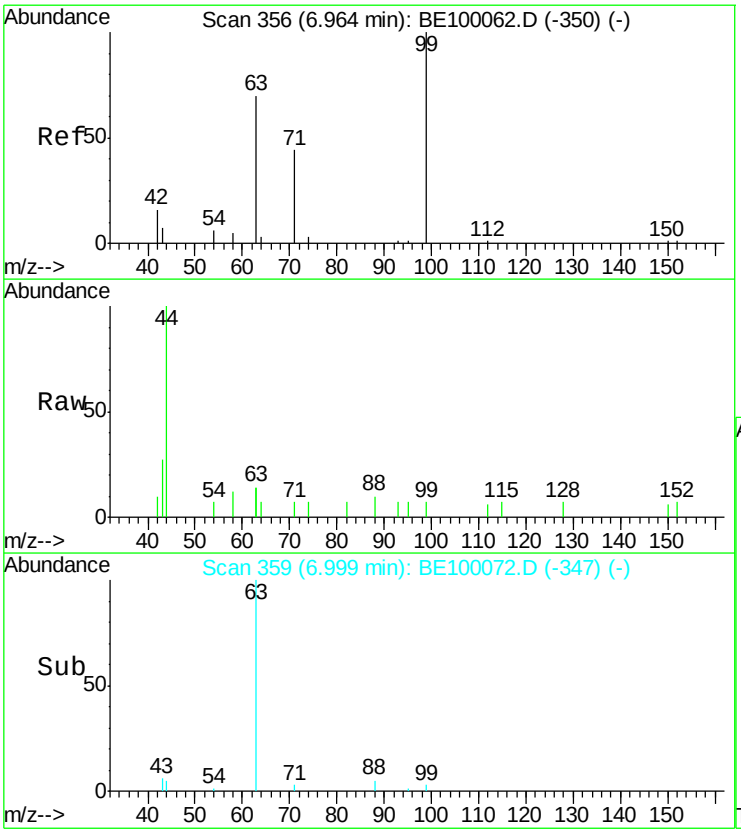
#4
2-Fluorophenol
Concen: 0.038 ng
RT: 5.36 min Scan# 217
Delta R.T. 0.01 min
Lab File: BE100072.D
Acq: 17 Jun 2019 21:48

Instrument :
BNA_E
ClientSampleId :
TT101D1-20190610DL

Tgt Ion:112 Resp: 48

Ion	Ratio	Lower	Upper
112	100		
64	52.1	39.6	59.4
63	247.9	113.0	169.4#

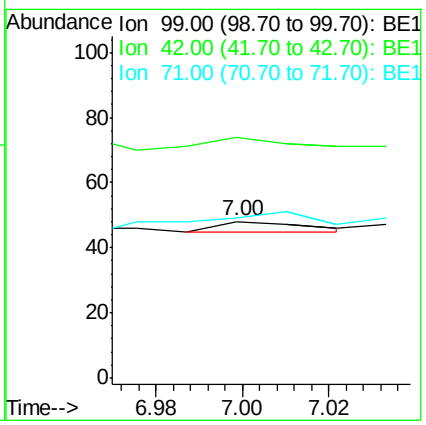


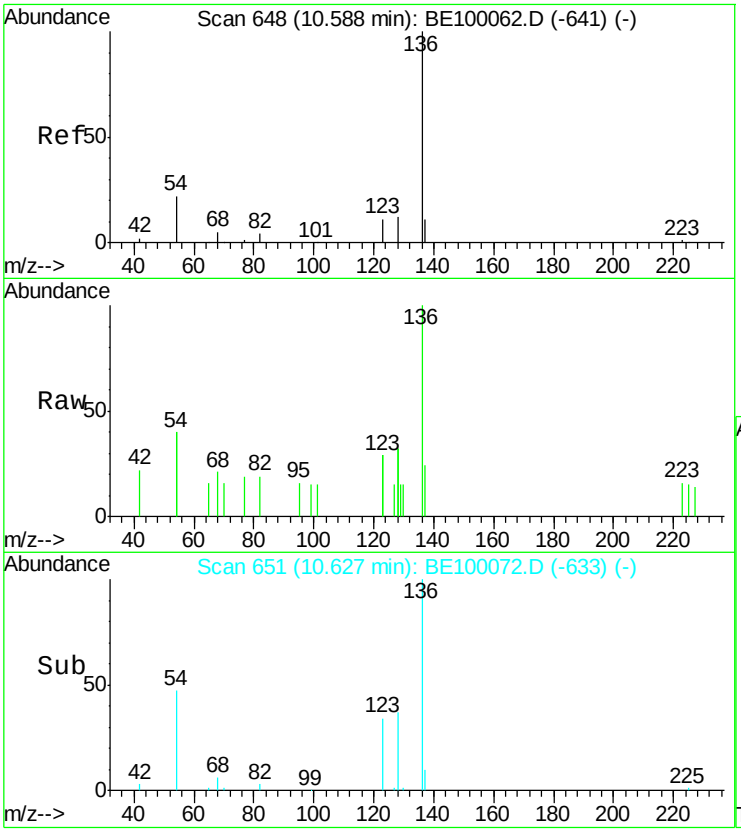


#5
Phenol-d6
Concen: 0.003 ng
RT: 7.00 min Scan# 359
Delta R.T. 0.03 min
Lab File: BE100072.D
Acq: 17 Jun 2019 21:48

Tgt Ion: 99 Resp: 4

Ion	Ratio	Lower	Upper
99	100		
42	125.0	11.4	17.2#
71	200.0	32.8	49.2#



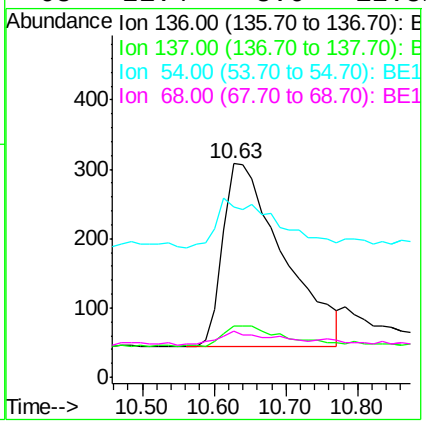


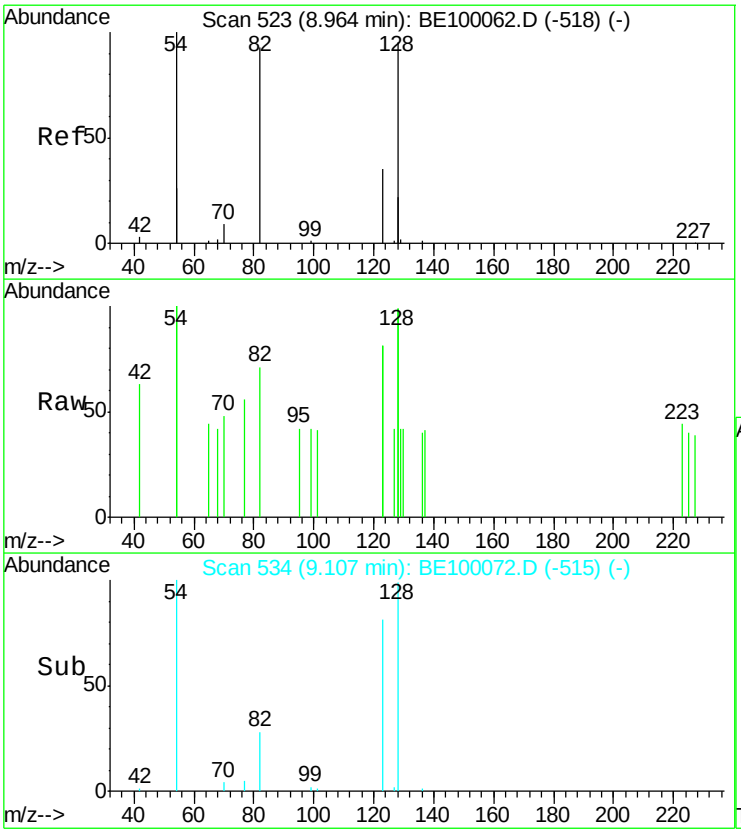
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.63 min Scan# 651
Delta R.T. 0.04 min
Lab File: BE100072.D
Acq: 17 Jun 2019 21:48

Instrument :
BNA_E
ClientSampleId :
TT101D1-20190610DL

Tgt Ion:136 Resp: 1547

Ion	Ratio	Lower	Upper
136	100		
137	24.0	12.6	19.0#
54	79.9	33.0	49.6#
68	21.4	8.6	12.8#

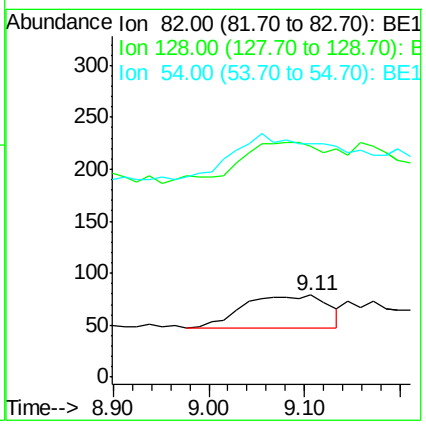


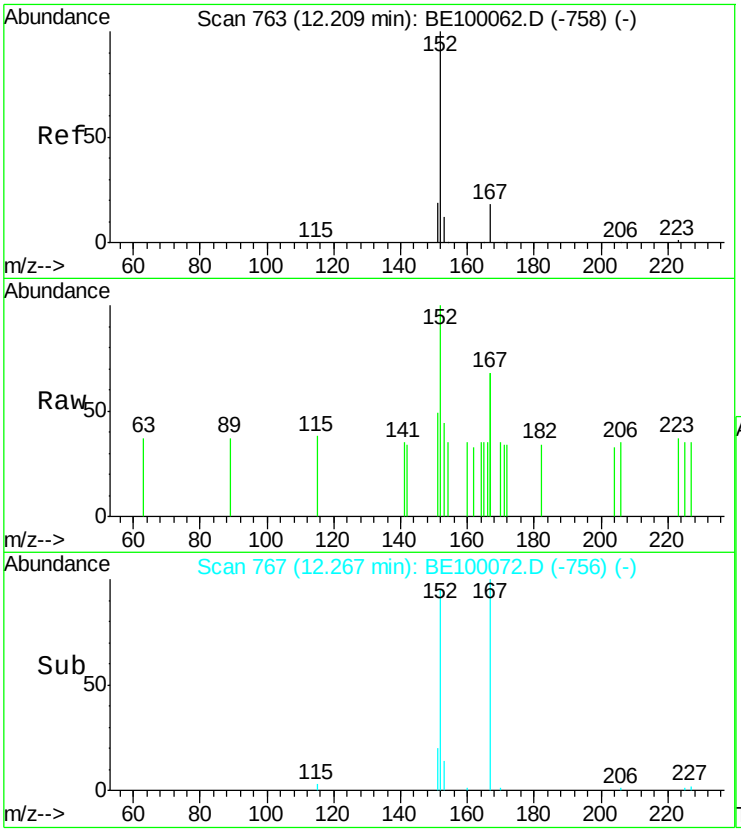


#8
Nitrobenzene-d5
Concen: 0.129 ng
RT: 9.11 min Scan# 534
Delta R.T. 0.14 min
Lab File: BE100072.D
Acq: 17 Jun 2019 21:48

Tgt Ion: 82 Resp: 197

Ion	Ratio	Lower	Upper
82	100		
128	281.0	134.6	201.8#
54	283.5	141.6	212.4#



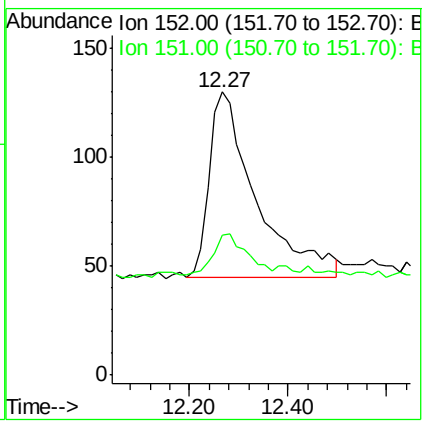


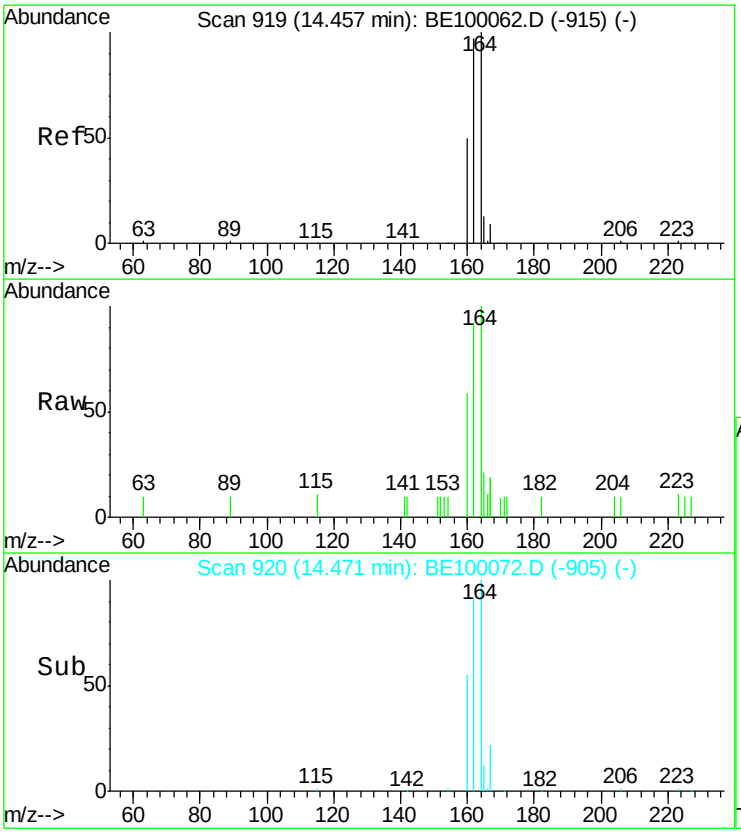
#11
2-Methylnaphthalene-d10
Concen: 0.199 ng
RT: 12.27 min Scan# 767
Delta R.T. 0.06 min
Lab File: BE100072.D
Acq: 17 Jun 2019 21:48

Instrument :
BNA_E
ClientSampleId :
TT101D1-20190610DL

Tgt Ion:152 Resp: 555

Ion	Ratio	Lower	Upper
152	100		
151	15.9	15.4	23.2

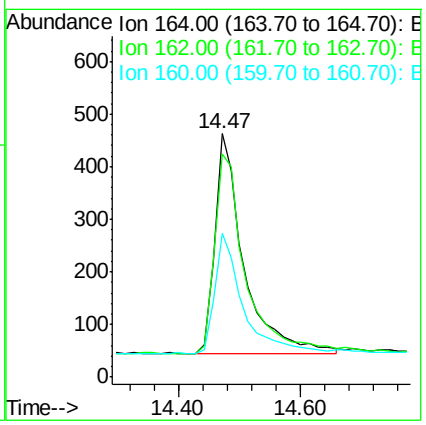


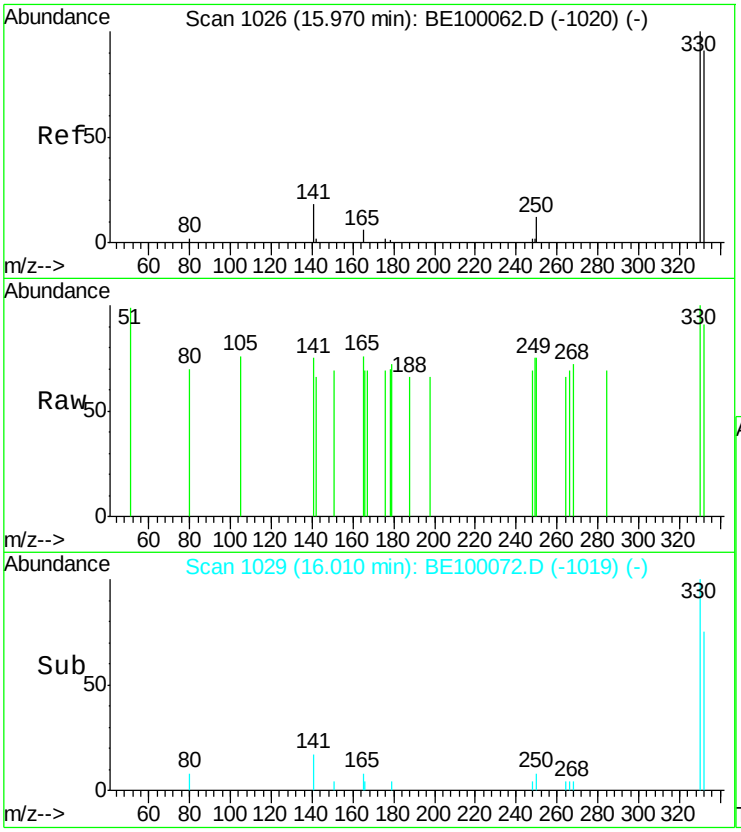


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.47 min Scan# 920
Delta R.T. 0.01 min
Lab File: BE100072.D
Acq: 17 Jun 2019 21:48

Tgt Ion:164 Resp: 1375

Ion	Ratio	Lower	Upper
164	100		
162	91.8	77.6	116.4
160	59.0	41.7	62.5



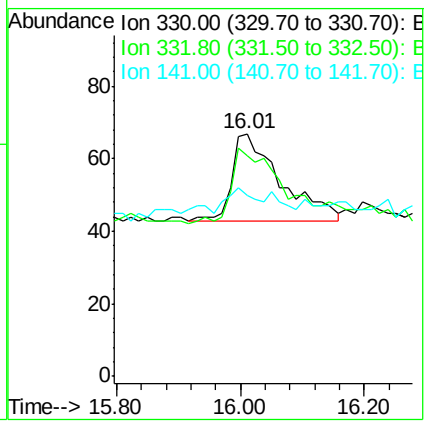


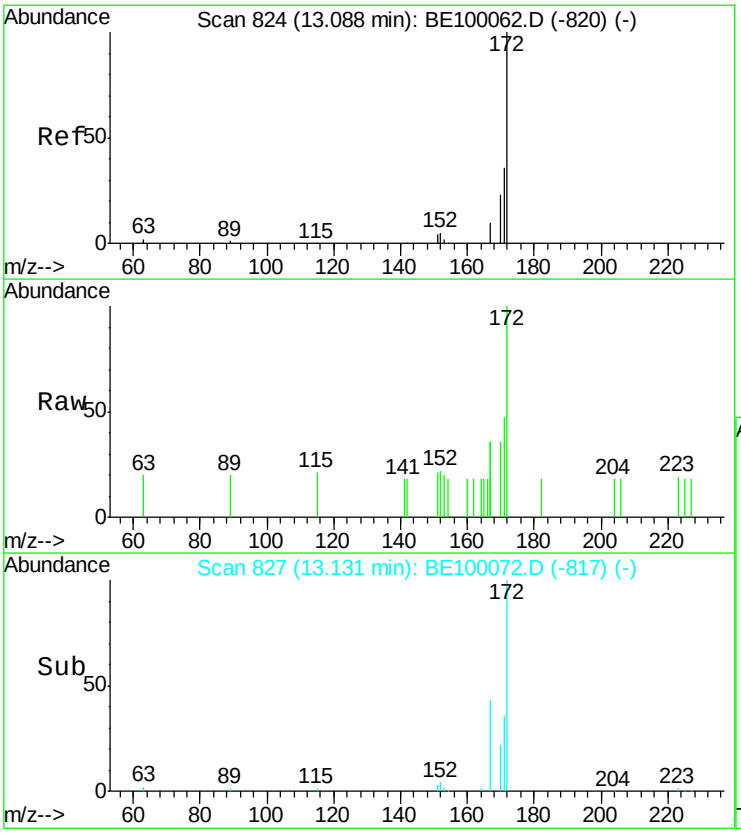
#14
2,4,6-Tribromophenol
Concen: 0.154 ng
RT: 16.01 min Scan# 1029
Delta R.T. 0.04 min
Lab File: BE100072.D
Acq: 17 Jun 2019 21:48

Instrument :
BNA_E
ClientSampleId :
TT101D1-20190610DL

Tgt Ion:330 Resp: 130

Ion	Ratio	Lower	Upper
330	100		
332	92.3	74.7	112.1
141	16.9	20.3	30.5#

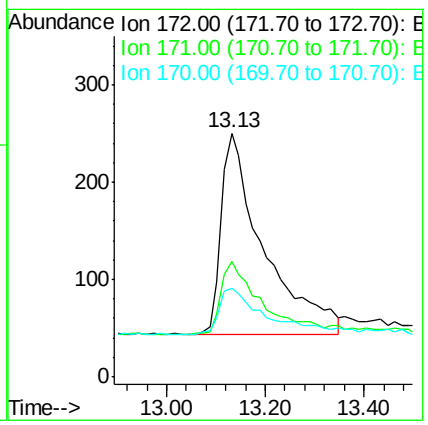


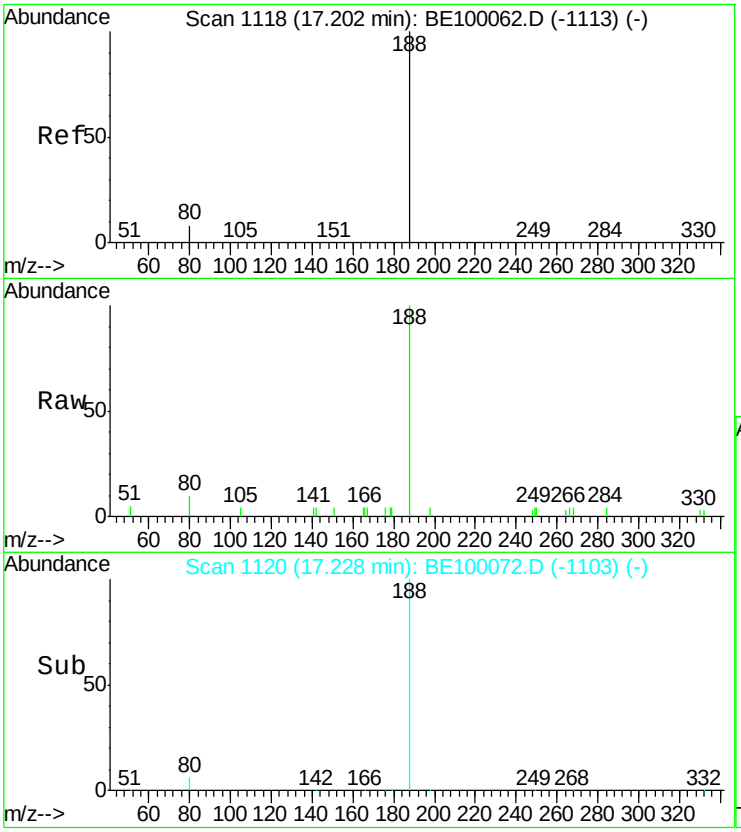


#15
2-Fluorobiphenyl
Concen: 0.229 ng
RT: 13.13 min Scan# 827
Delta R.T. 0.04 min
Lab File: BE100072.D
Acq: 17 Jun 2019 21:48

Tgt Ion:172 Resp: 1221

Ion	Ratio	Lower	Upper
172	100		
171	47.2	31.0	46.6#
170	36.4	21.3	31.9#



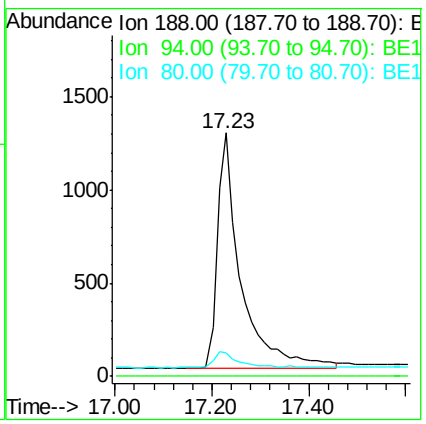


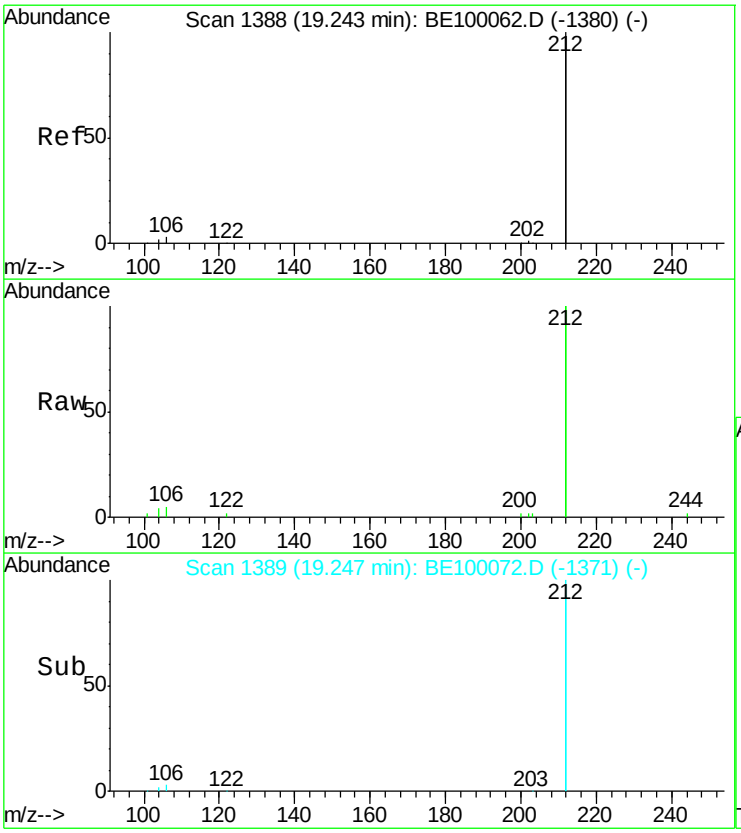
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.23 min Scan# 1120
Delta R.T. 0.03 min
Lab File: BE100072.D
Acq: 17 Jun 2019 21:48

Instrument :
BNA_E
ClientSampleId :
TT101D1-20190610DL

Tgt Ion:188 Resp: 4229

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	9.6	8.2	12.4

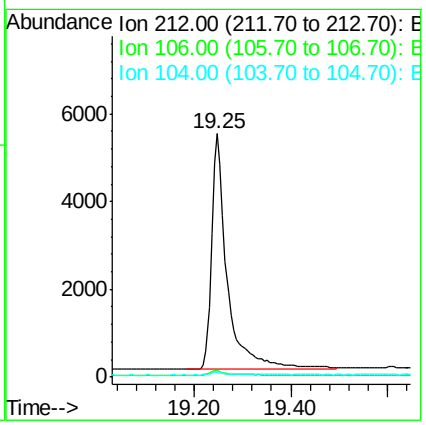


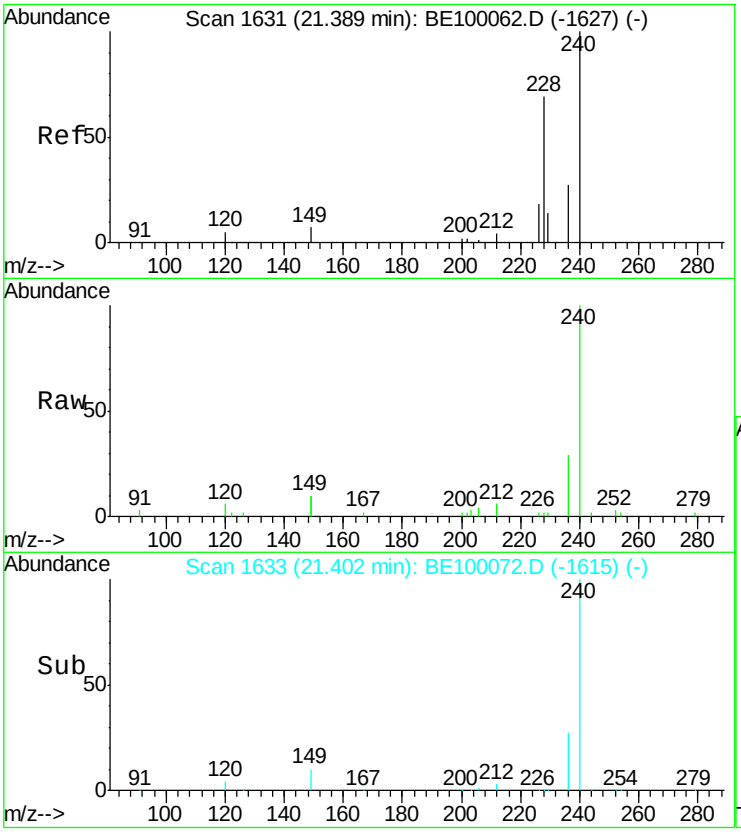


#25
Fluoranthene-d10
Concen: 0.209 ng
RT: 19.25 min Scan# 1389
Delta R.T. 0.00 min
Lab File: BE100072.D
Acq: 17 Jun 2019 21:48

Tgt Ion:212 Resp: 12456

Ion	Ratio	Lower	Upper
212	100		
106	1.8	1.4	2.2
104	1.0	0.9	1.3



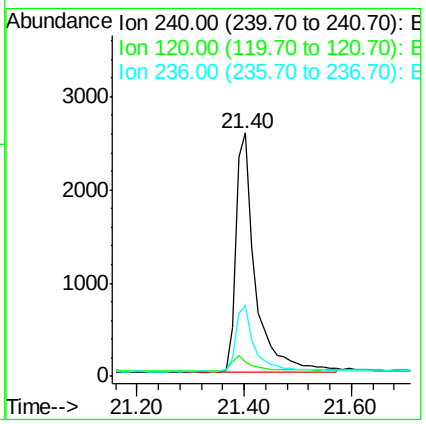


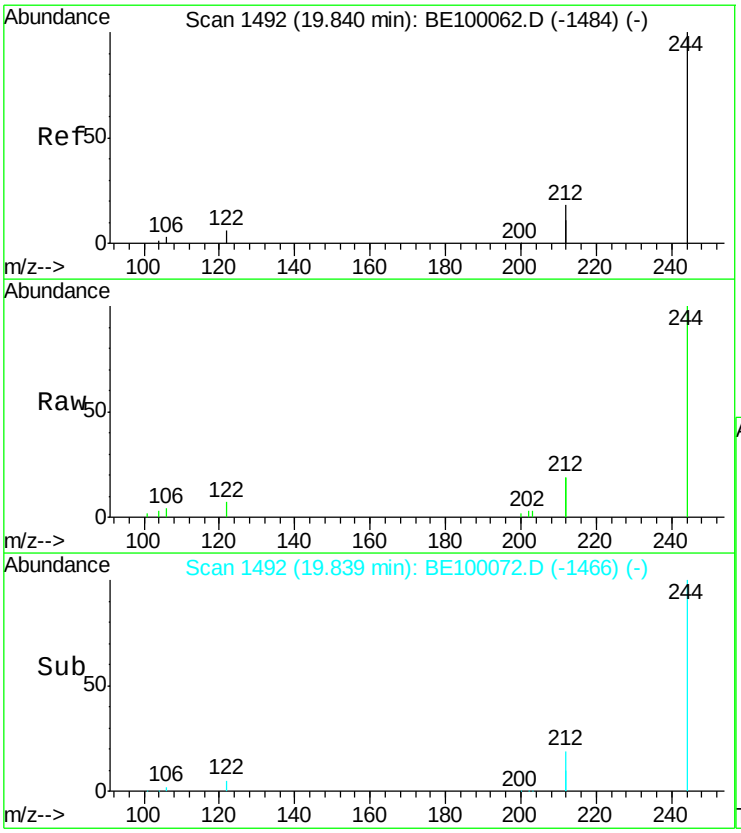
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.40 min Scan# 1633
Delta R.T. 0.01 min
Lab File: BE100072.D
Acq: 17 Jun 2019 21:48

Instrument :
BNA_E
ClientSampleId :
TT101D1-20190610DL

Tgt Ion:240 Resp: 6506

Ion	Ratio	Lower	Upper
240	100		
120	6.1	5.4	8.0
236	28.9	22.6	33.8

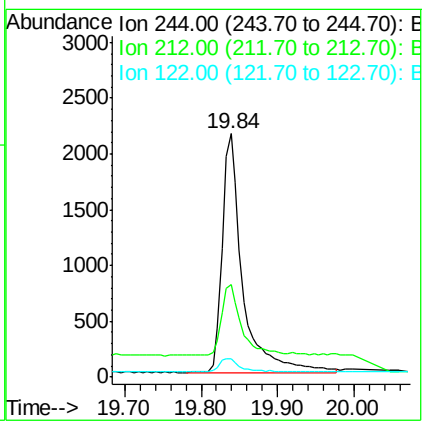


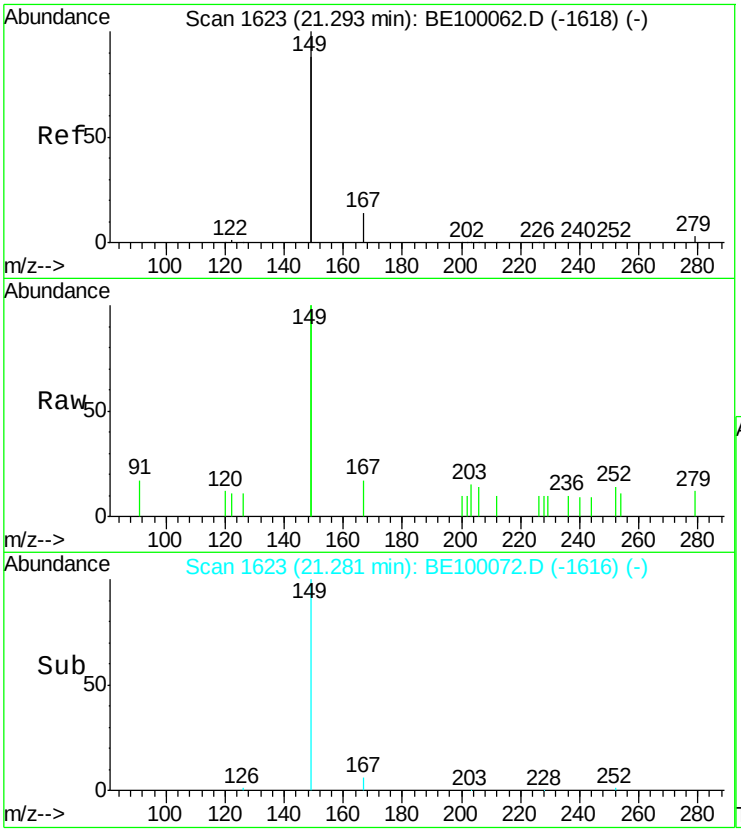


#29
Terphenyl-d14
Concen: 0.362 ng
RT: 19.84 min Scan# 1492
Delta R.T. -0.00 min
Lab File: BE100072.D
Acq: 17 Jun 2019 21:48

Tgt Ion:244 Resp: 3967

Ion	Ratio	Lower	Upper
244	100		
212	38.0	27.9	41.9
122	7.4	5.8	8.6



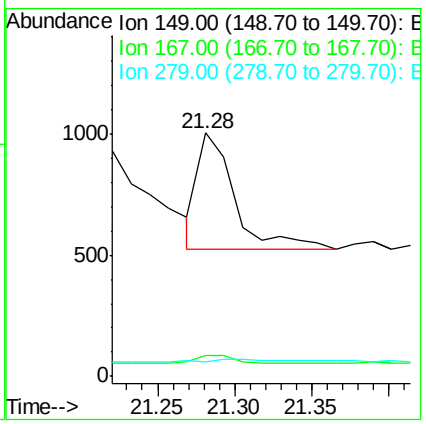


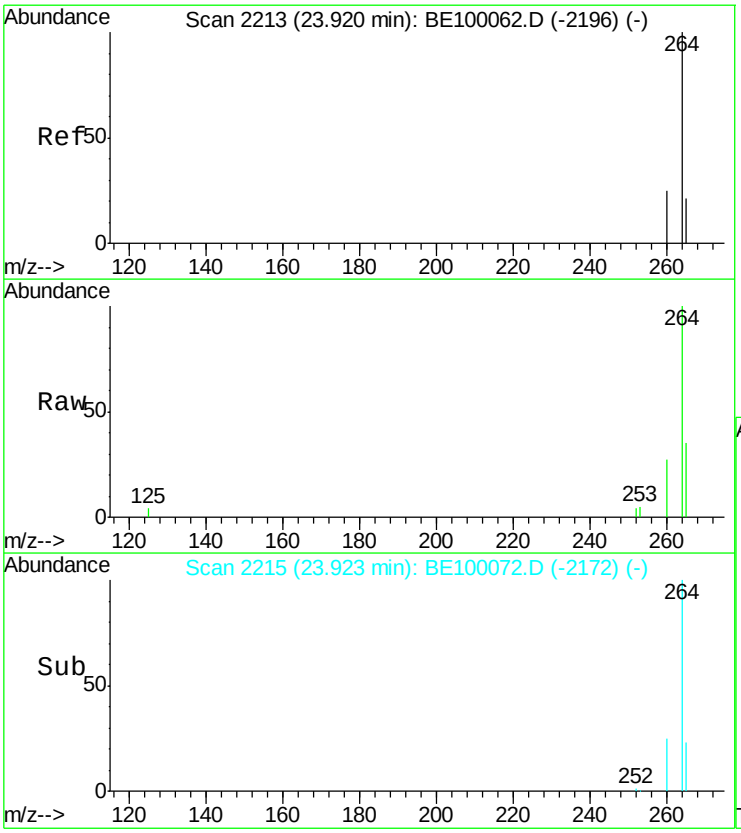
#32
Bis(2-ethylhexyl)phthalate
Concen: 0.031 ng
RT: 21.28 min Scan# 1623
Delta R.T. -0.01 min
Lab File: BE100072.D
Acq: 17 Jun 2019 21:48

Instrument :
BNA_E
ClientSampleId :
TT101D1-20190610DL

Tgt Ion:149 Resp: 800

Ion	Ratio	Lower	Upper
149	100		
167	8.3	5.9	8.9
279	3.3	1.0	1.6#





#34
Perylene-d12
Concen: 0.400 ng
RT: 23.92 min Scan# 2215
Delta R.T. 0.00 min
Lab File: BE100072.D
Acq: 17 Jun 2019 21:48

Tgt Ion:264 Resp: 7416

Ion	Ratio	Lower	Upper
264	100		
260	26.8	20.6	31.0
265	34.8	23.6	35.4