Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE100819\
Data File : BE100608.D
Acq On : 8 Oct 2019 14:47
Operator : JU
Sample : K5109-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Oct 09 01:45:33 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	4145	0.40	ng	0.00
7) Naphthalene-d8	10.60	136	20184	0.40	ng	0.00
13) Acenaphthene-d10	14.46	164	12530	0.40	ng	0.00
19) Phenanthrene-d10	17.17	188	28161	0.40	ng	0.00
27) Chrysene-d12	21.33	240	33230	0.40	ng	0.00
34) Perylene-d12	23.78	264	37988	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.40	112	3117	0.28	ng	0.00
5) Phenol-d6	6.98	99	3114	0.22	ng	-0.01
8) Nitrobenzene-d5	8.96	82	4206	0.33	ng	0.00
11) 2-Methylnaphthalene-d10	12.19	152	10753	0.36	ng	-0.01
14) 2,4,6-Tribromophenol	15.93	330	1578	0.55	ng	0.00
15) 2-Fluorobiphenyl	13.07	172	16603	0.37	ng	-0.01
25) Fluoranthene-d10	19.20	212	131877	0.38	ng	0.00
29) Terphenyl-d14	19.79	244	31306	0.43	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.29	88	3822399	547.514	ng	# 86
6) bis(2-Chloroethyl)ether	7.21	93	311	0.024	ng	# 1
22) Pentachlorophenol	16.83	266	108	0.358	ng	86
23) Phenanthrene	17.21	178	1990	0.025	ng	# 75
32) Bis(2-ethylhexyl)phthalate	21.26	149	290128	1.635	ng	100

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

Quantitation Report (Not Reviewed)

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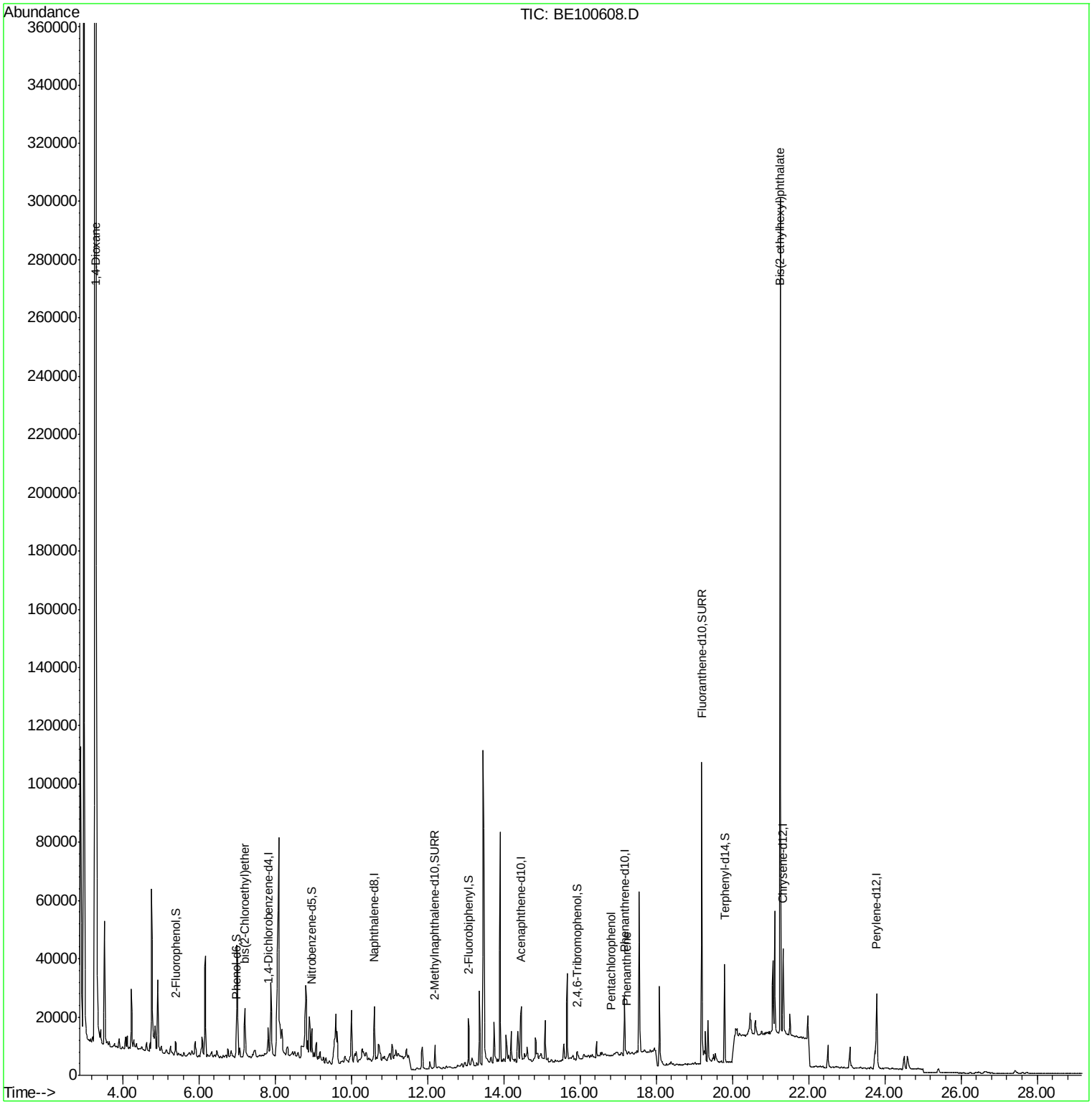
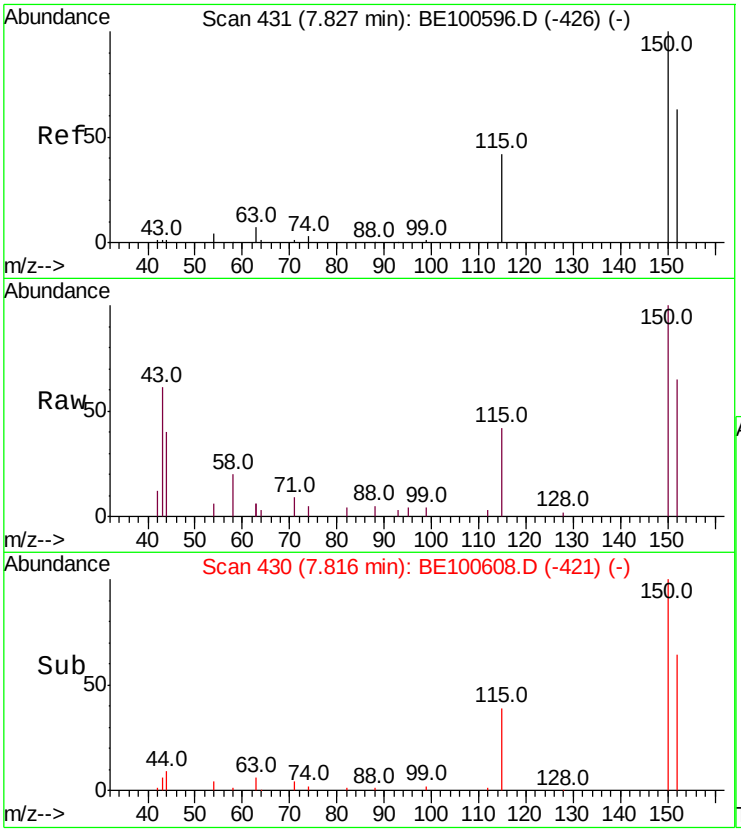
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 09 01:42:20 2019
Response via : Initial Calibration



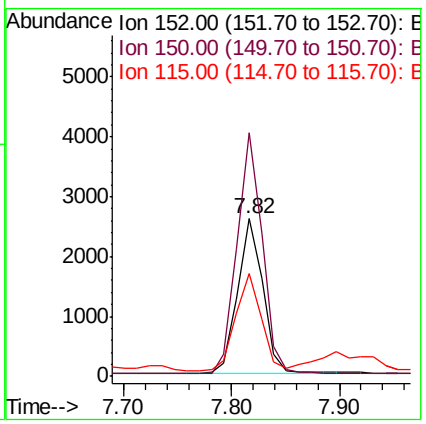


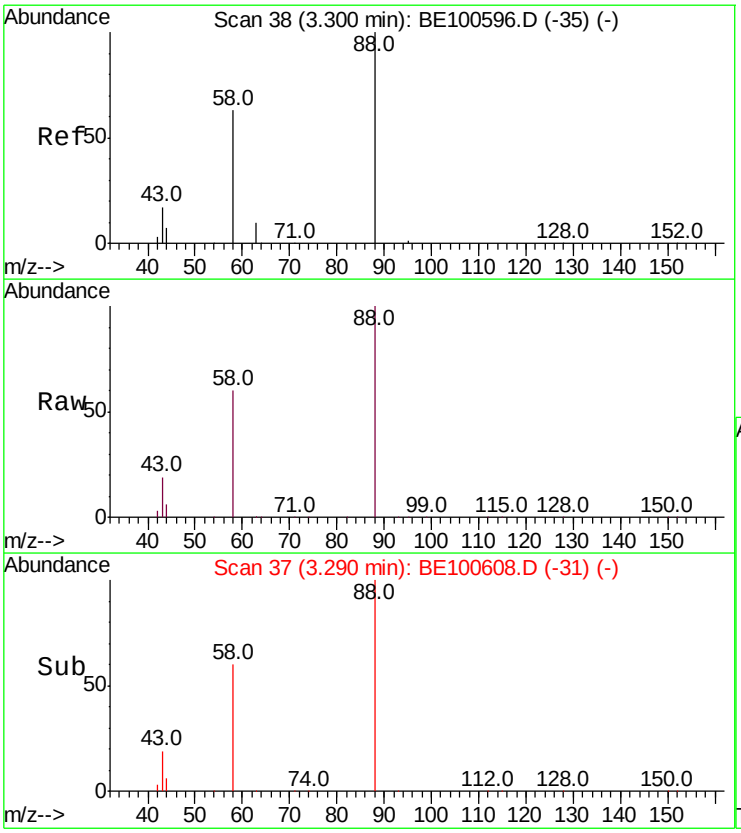
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.82 min Scan# 430
Delta R.T. 0.00 min
Lab File: BE100608.D
Acq: 8 Oct 2019 14:47

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 4145

Ion	Ratio	Lower	Upper
152	100		
150	154.4	126.5	189.7
115	65.4	54.6	81.8

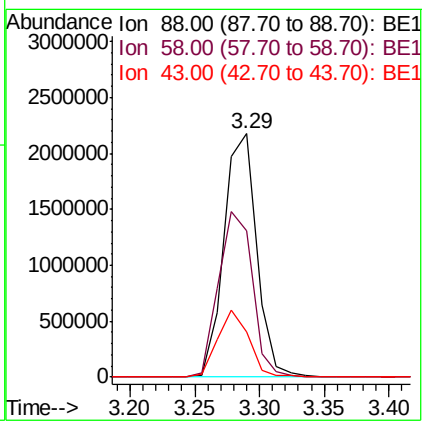


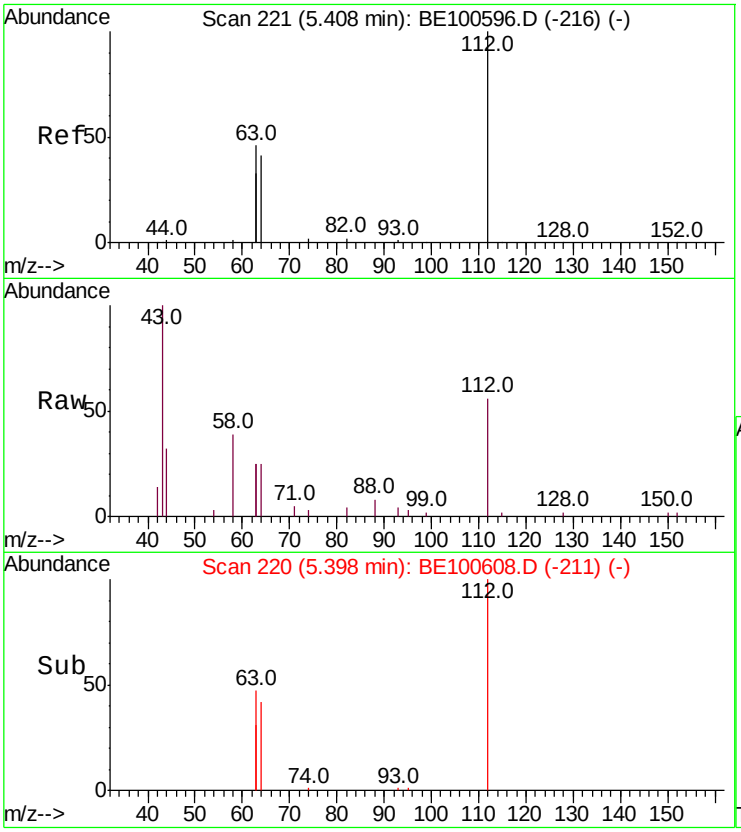


#2
1,4-Dioxane
Concen: 547.514 ng
RT: 3.29 min Scan# 37
Delta R.T. 0.00 min
Lab File: BE100608.D
Acq: 8 Oct 2019 14:47

Tgt Ion: 88 Resp: 3822399

Ion	Ratio	Lower	Upper
88	100		
58	70.3	48.1	72.1
43	25.7	14.4	21.6#



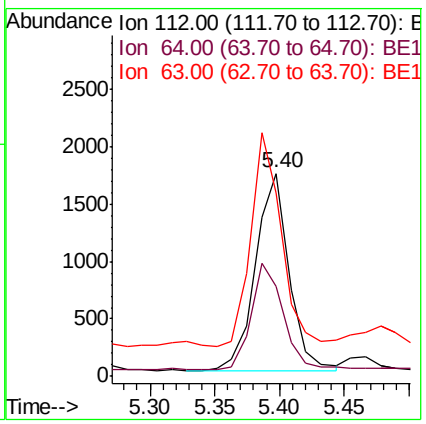


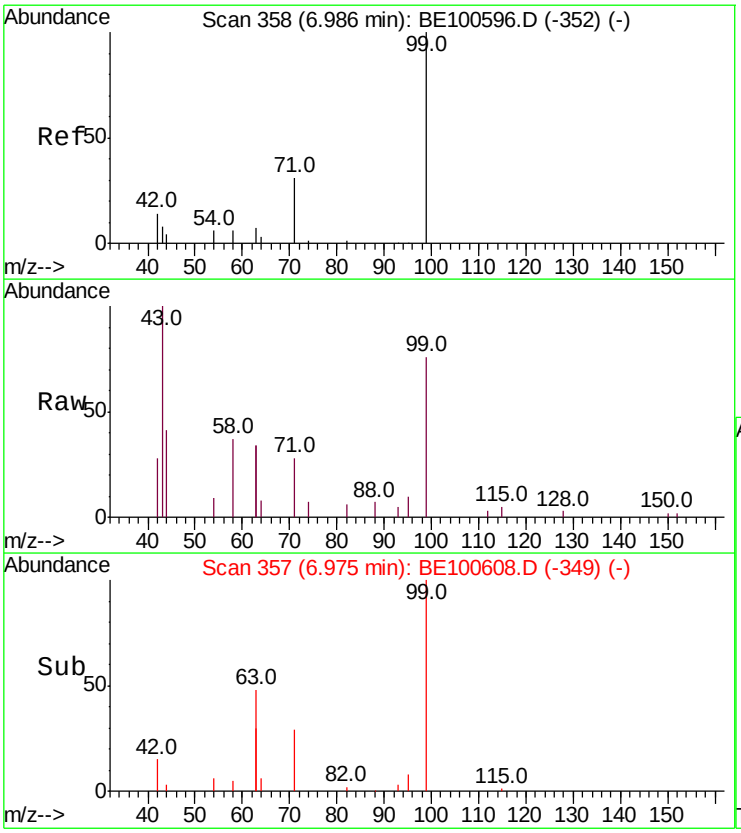
#4
2-Fluorophenol
Concen: 0.279 ng
RT: 5.40 min Scan# 220
Delta R.T. 0.00 min
Lab File: BE100608.D
Acq: 8 Oct 2019 14:47

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:112 Resp: 3117

Ion	Ratio	Lower	Upper
112	100		
64	50.9	43.7	65.5
63	98.8	84.5	126.7

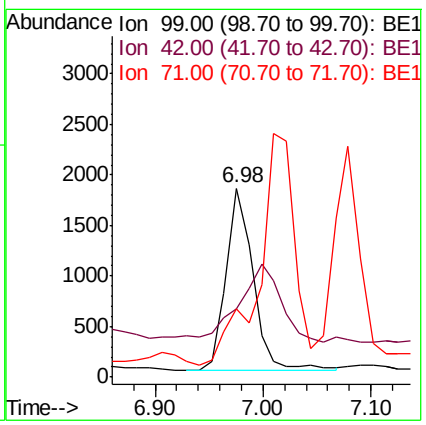


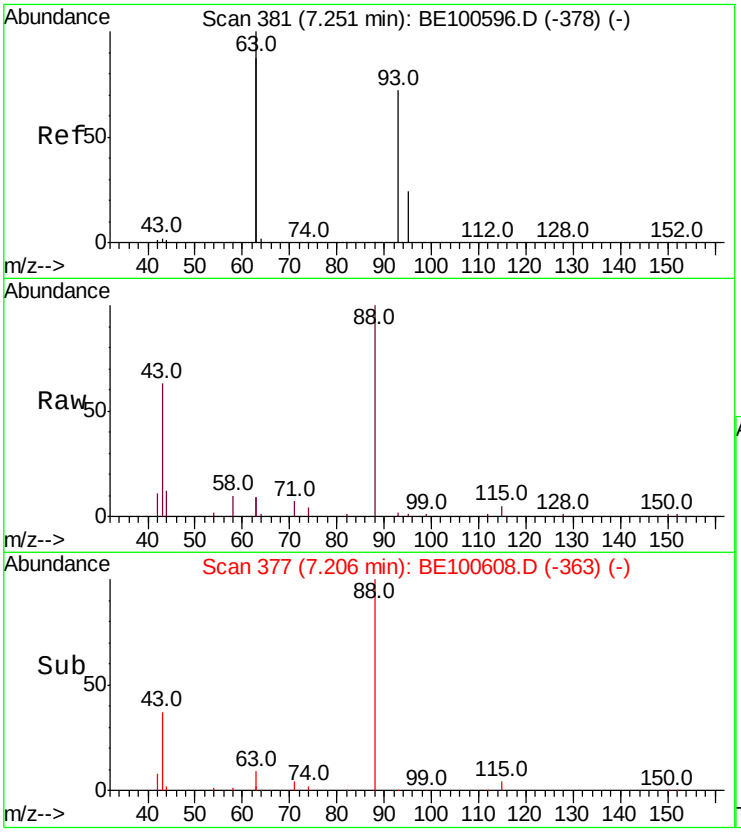


#5
Phenol-d6
Concen: 0.222 ng
RT: 6.98 min Scan# 357
Delta R.T. -0.01 min
Lab File: BE100608.D
Acq: 8 Oct 2019 14:47

Tgt Ion: 99 Resp: 3114

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



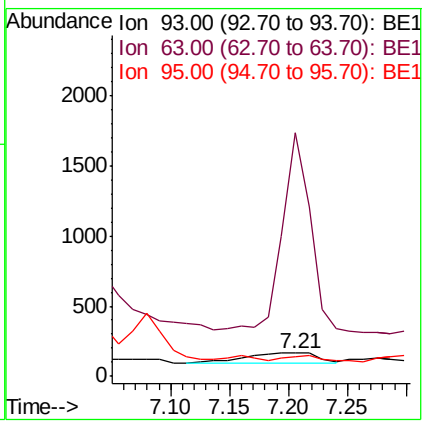


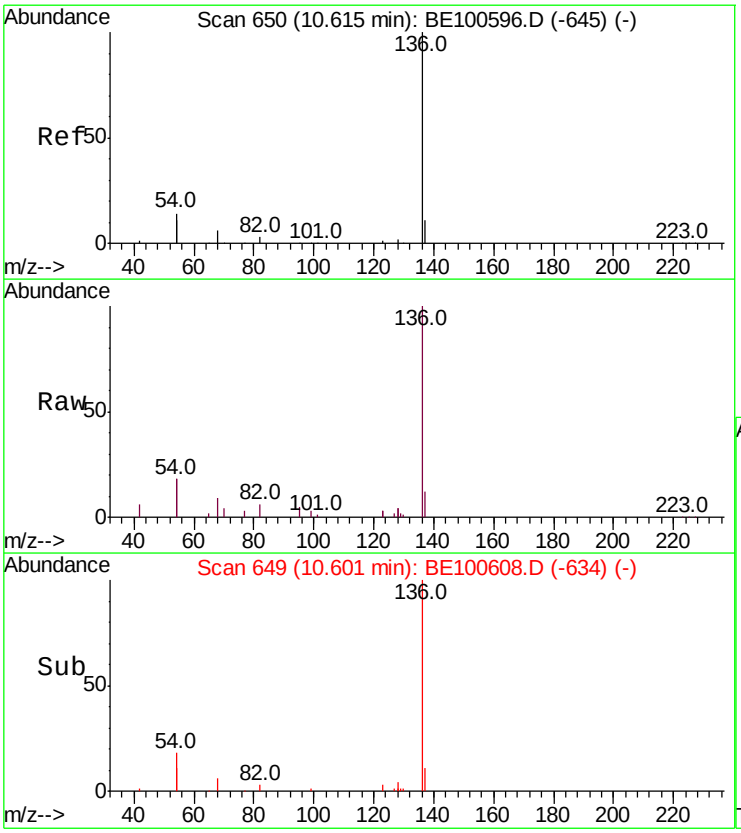
#6
bis(2-Chloroethyl)ether
Concen: 0.024 ng
RT: 7.21 min Scan# 377
Delta R.T. -0.03 min
Lab File: BE100608.D
Acq: 8 Oct 2019 14:47

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 93 Resp: 311

Ion	Ratio	Lower	Upper
93	100		
63	766.2	221.0	331.4#
95	27.0	25.4	38.0

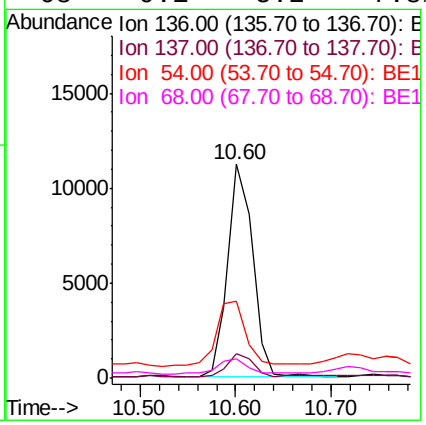


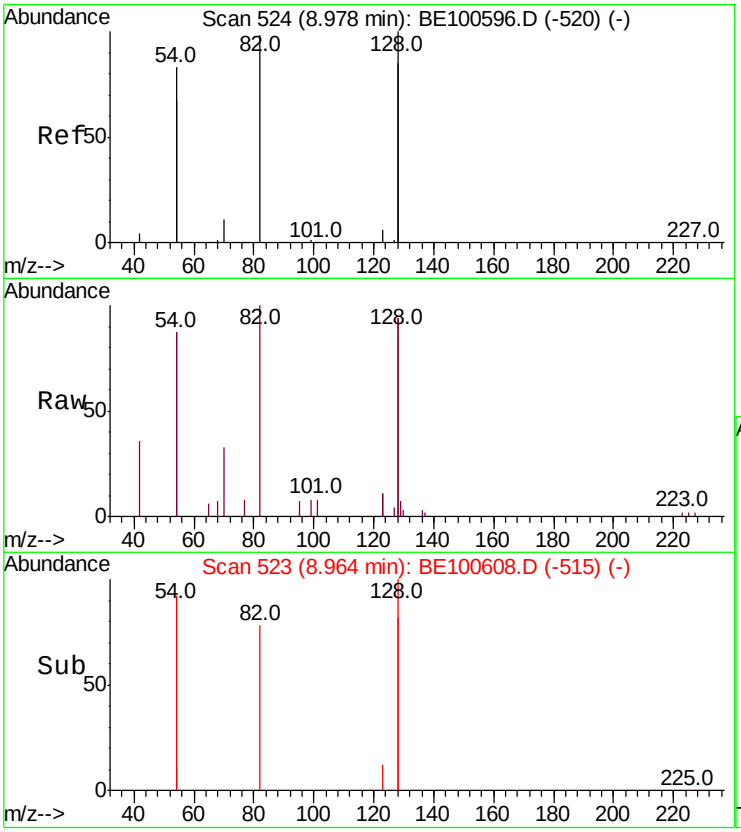


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.60 min Scan# 649
Delta R.T. -0.00 min
Lab File: BE100608.D
Acq: 8 Oct 2019 14:47

Tgt Ion:136 Resp: 20184

Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.1	13.7
54	36.0	22.4	33.6#
68	9.1	5.2	7.8#



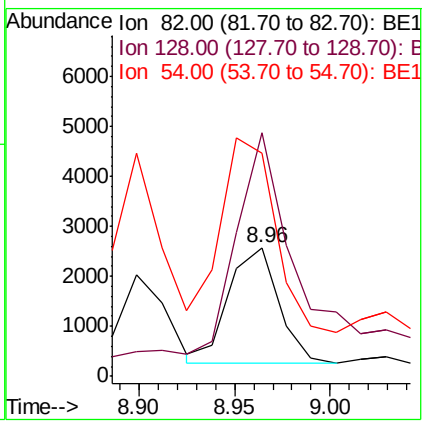


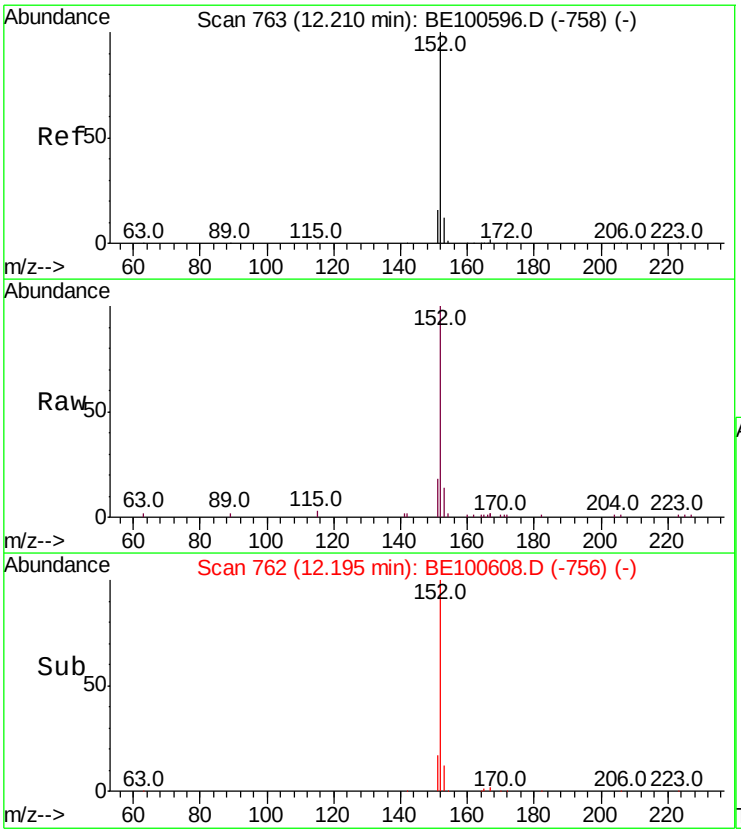
#8
Nitrobenzene-d5
Concen: 0.334 ng
RT: 8.96 min Scan# 523
Delta R.T. -0.00 min
Lab File: BE100608.D
Acq: 8 Oct 2019 14:47

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 82 Resp: 4206

Ion	Ratio	Lower	Upper
82	100		
128	188.8	154.7	232.1
54	173.0	128.5	192.7

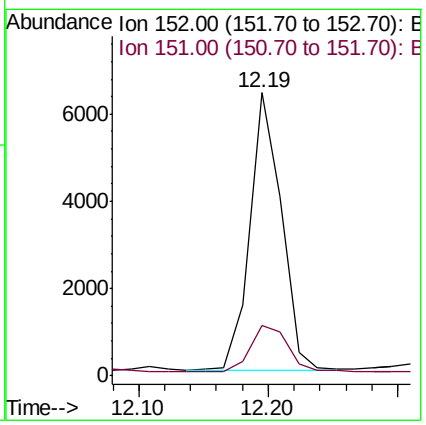


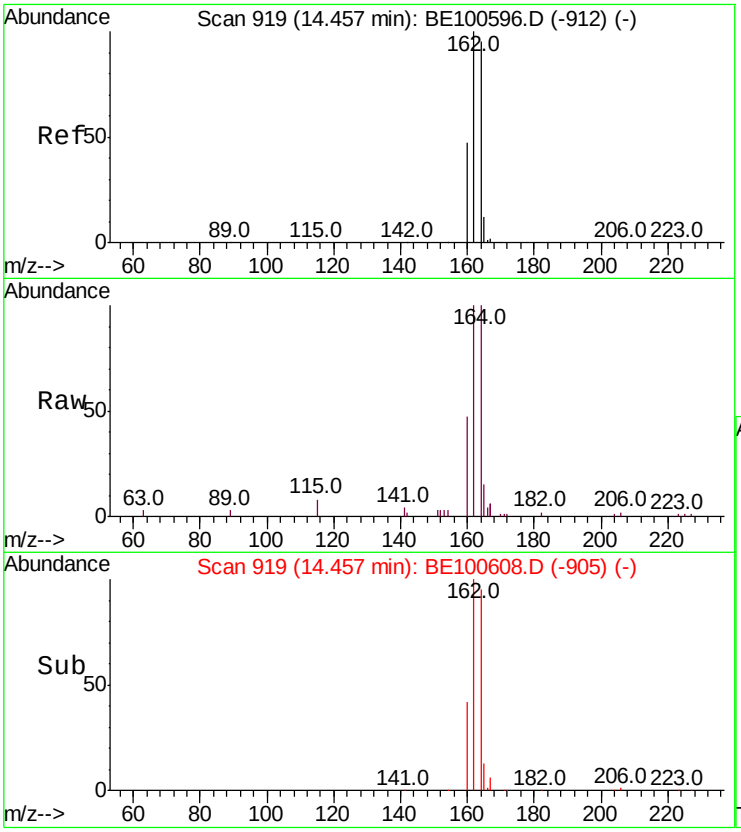


#11
2-Methylnaphthalene-d10
Concen: 0.356 ng
RT: 12.19 min Scan# 762
Delta R.T. -0.01 min
Lab File: BE100608.D
Acq: 8 Oct 2019 14:47

Tgt Ion:152 Resp: 10753

Ion	Ratio	Lower	Upper
152	100		
151	21.0	15.2	22.8



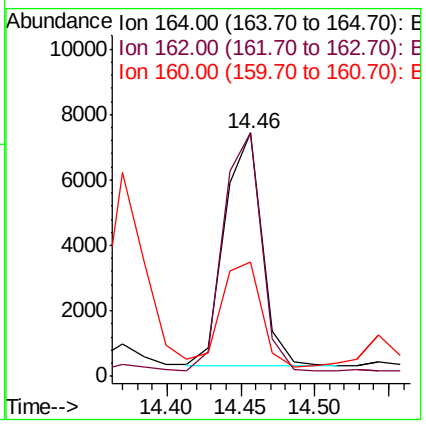


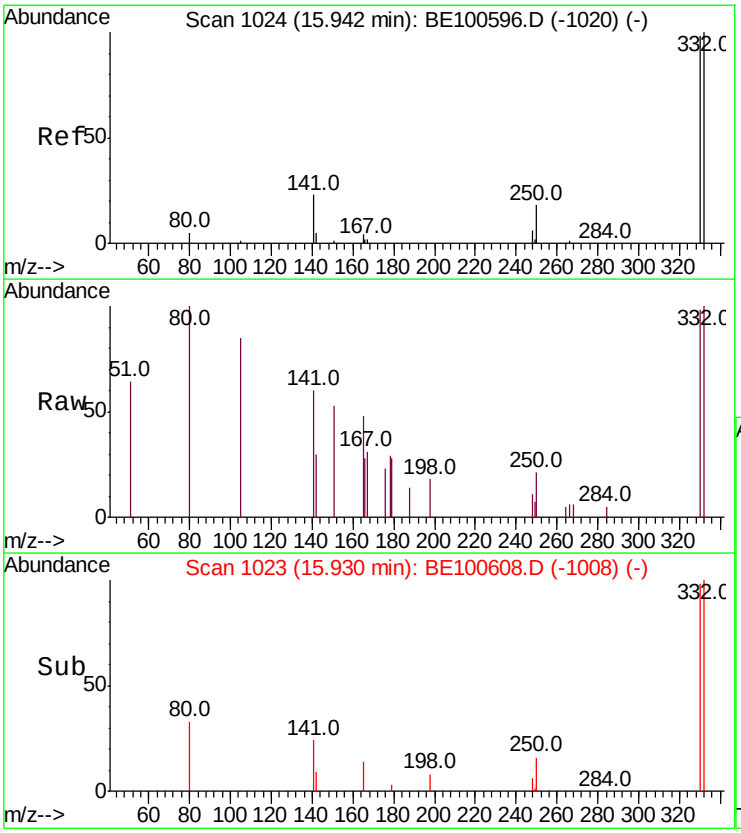
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.46 min Scan# 919
Delta R.T. -0.00 min
Lab File: BE100608.D
Acq: 8 Oct 2019 14:47

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:164 Resp: 12530

Ion	Ratio	Lower	Upper
164	100		
162	100.2	84.2	126.4
160	47.0	40.2	60.4

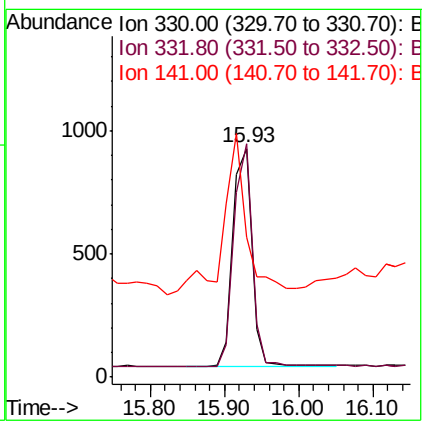


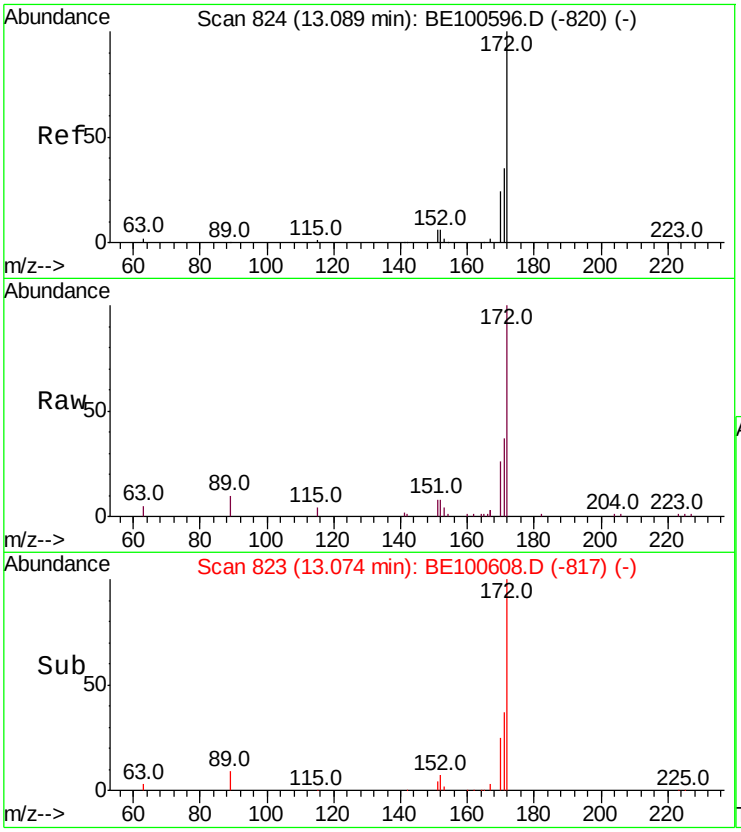


#14
2,4,6-Tribromophenol
Concen: 0.551 ng
RT: 15.93 min Scan# 1023
Delta R.T. 0.00 min
Lab File: BE100608.D
Acq: 8 Oct 2019 14:47

Tgt Ion:330 Resp: 1578

Ion	Ratio	Lower	Upper
330	100		
332	97.3	78.5	117.7
141	90.4	39.4	59.0#



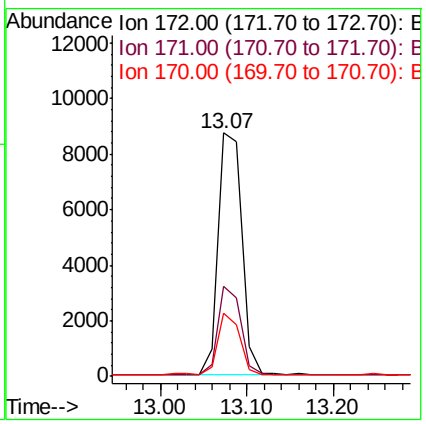


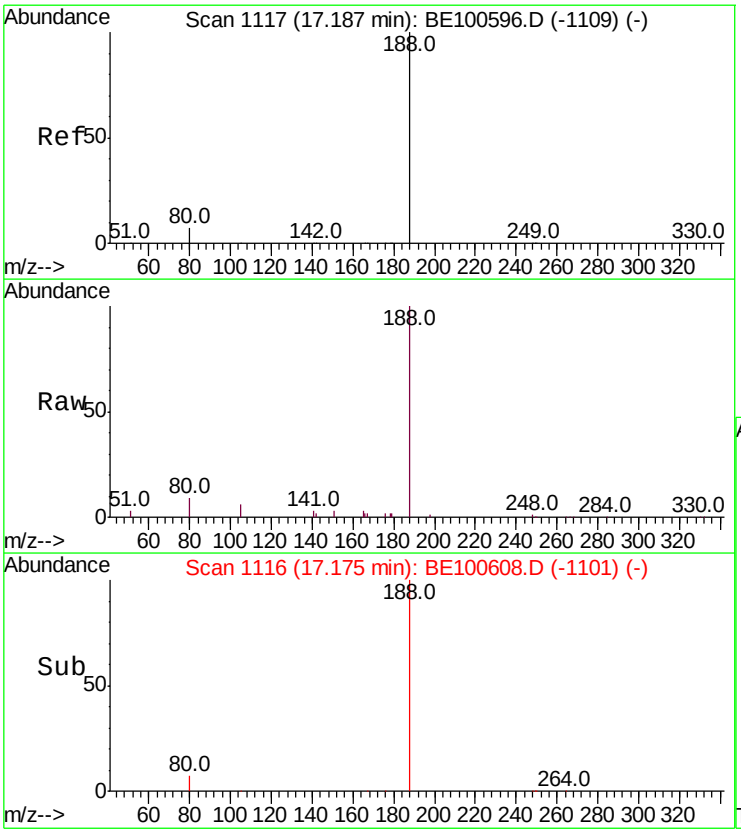
#15
2-Fluorobiphenyl
Concen: 0.365 ng
RT: 13.07 min Scan# 823
Delta R.T. -0.01 min
Lab File: BE100608.D
Acq: 8 Oct 2019 14:47

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:172 Resp: 16603

Ion	Ratio	Lower	Upper
172	100		
171	37.0	28.7	43.1
170	26.2	19.8	29.8

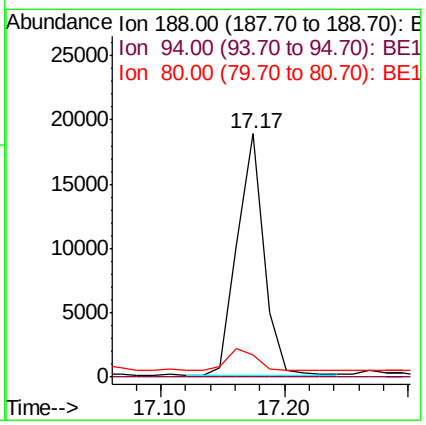


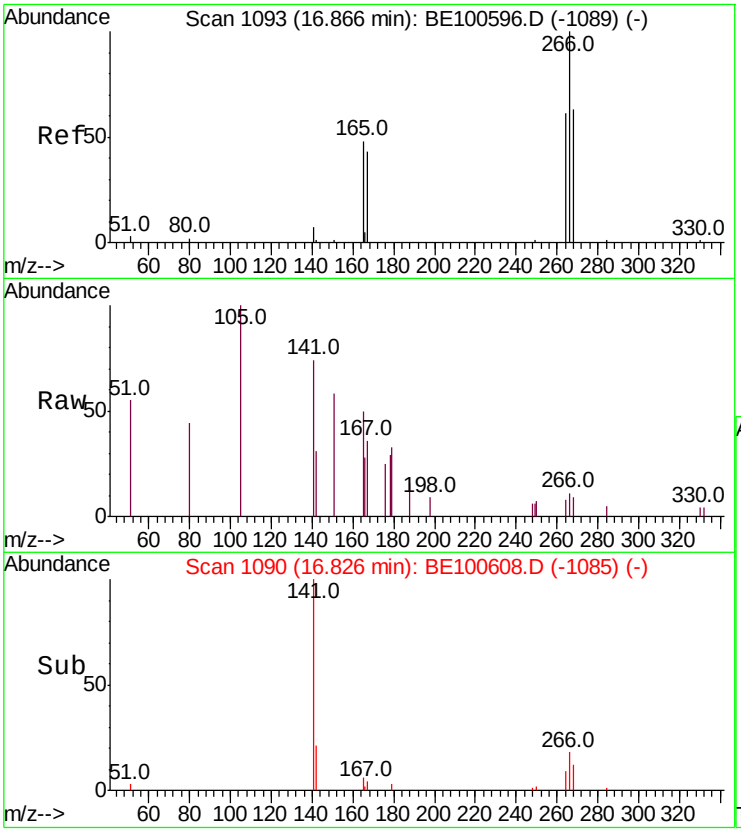


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.17 min Scan# 1116
Delta R.T. 0.00 min
Lab File: BE100608.D
Acq: 8 Oct 2019 14:47

Tgt Ion:188 Resp: 28161

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	9.4	6.2	9.2#



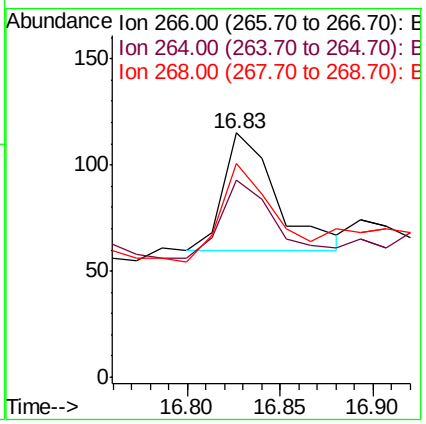


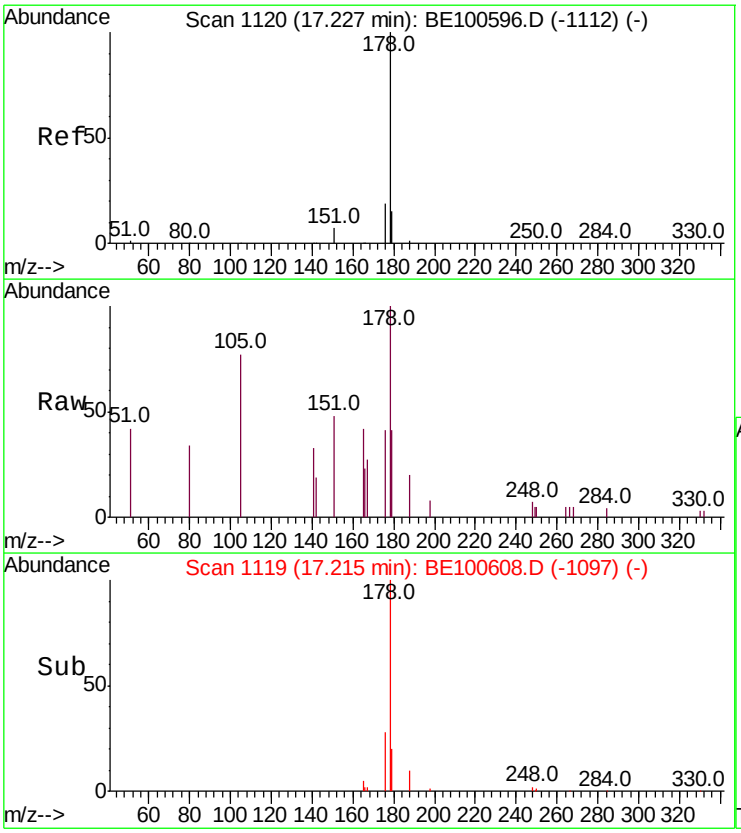
#22
Pentachlorophenol
Concen: 0.358 ng
RT: 16.83 min Scan# 1090
Delta R.T. -0.03 min
Lab File: BE100608.D
Acq: 8 Oct 2019 14:47

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:266 Resp: 108

Ion	Ratio	Lower	Upper
266	100		
264	80.9	56.3	84.5
268	87.8	60.3	90.5

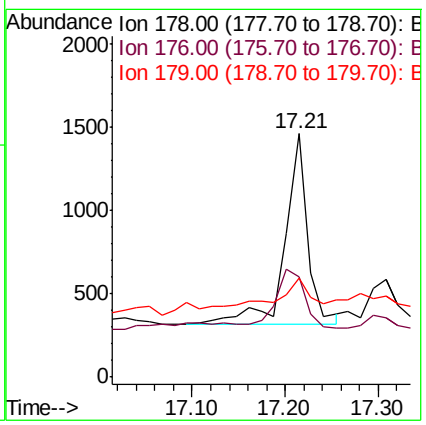


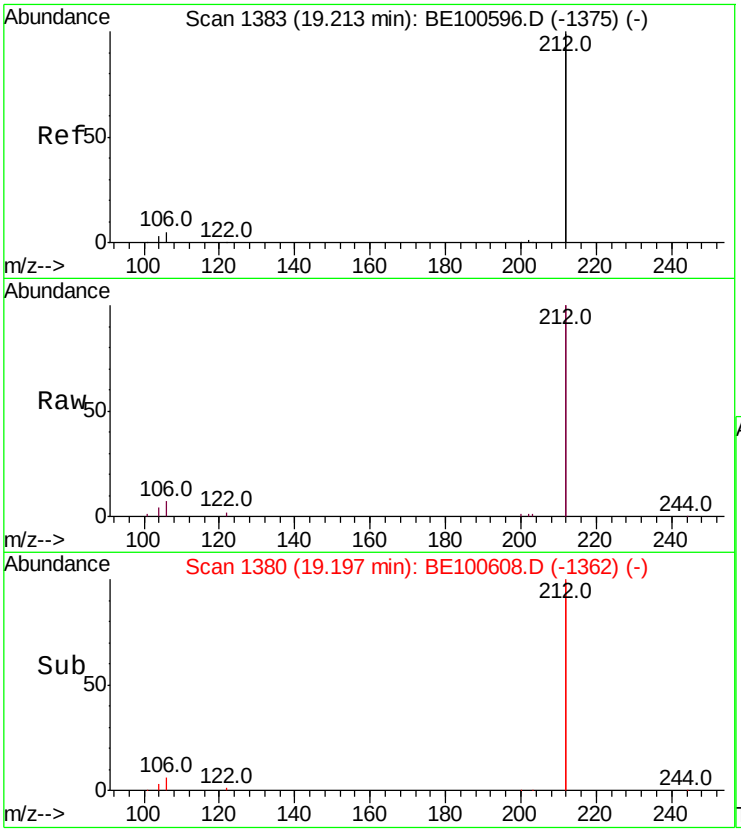


#23
Phenanthrene
Concen: 0.025 ng
RT: 17.21 min Scan# 1119
Delta R.T. 0.00 min
Lab File: BE100608.D
Acq: 8 Oct 2019 14:47

Tgt Ion:178 Resp: 1990

Ion	Ratio	Lower	Upper
178	100		
176	0.0	15.4	23.2#
179	16.3	12.3	18.5



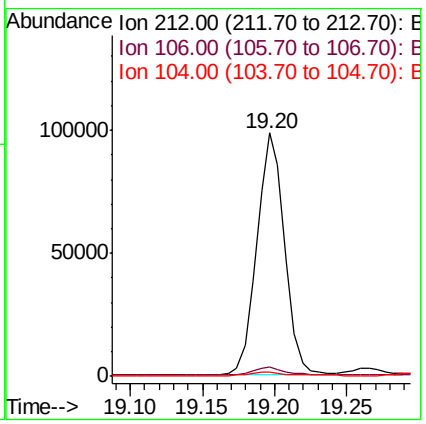


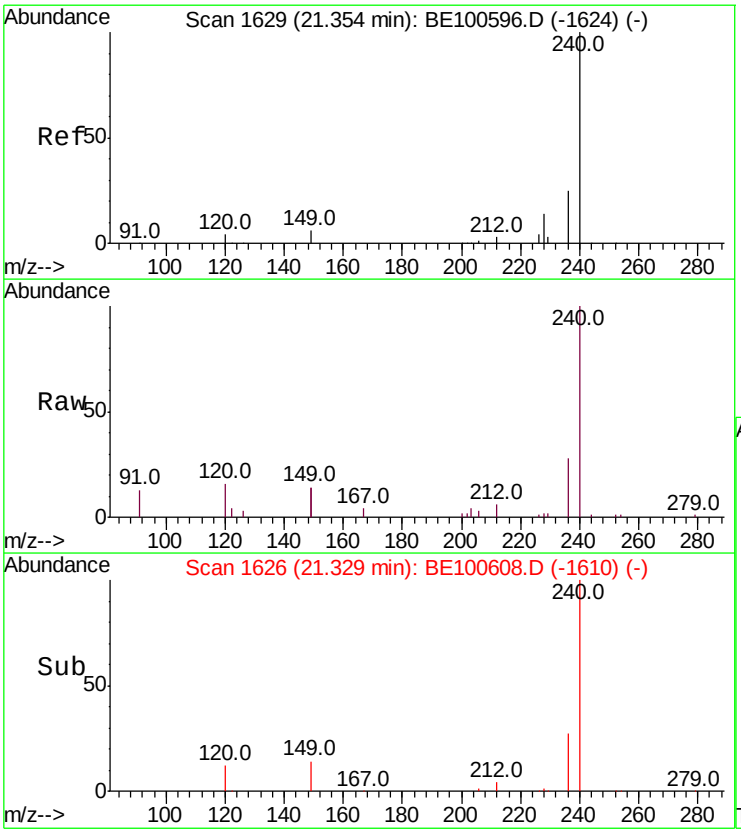
#25
Fluoranthene-d10
Concen: 0.380 ng
RT: 19.20 min Scan# 1380
Delta R.T. 0.00 min
Lab File: BE100608.D
Acq: 8 Oct 2019 14:47

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:212 Resp: 131877

Ion	Ratio	Lower	Upper
212	100		
106	3.7	2.3	3.5#
104	2.2	1.3	1.9#

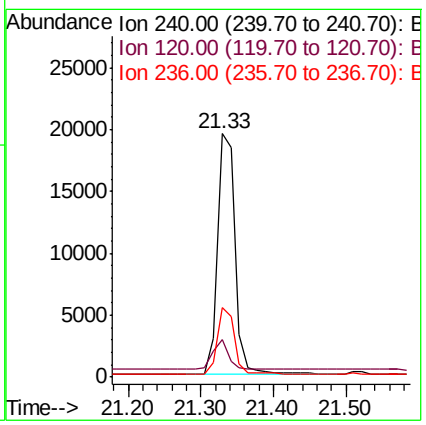


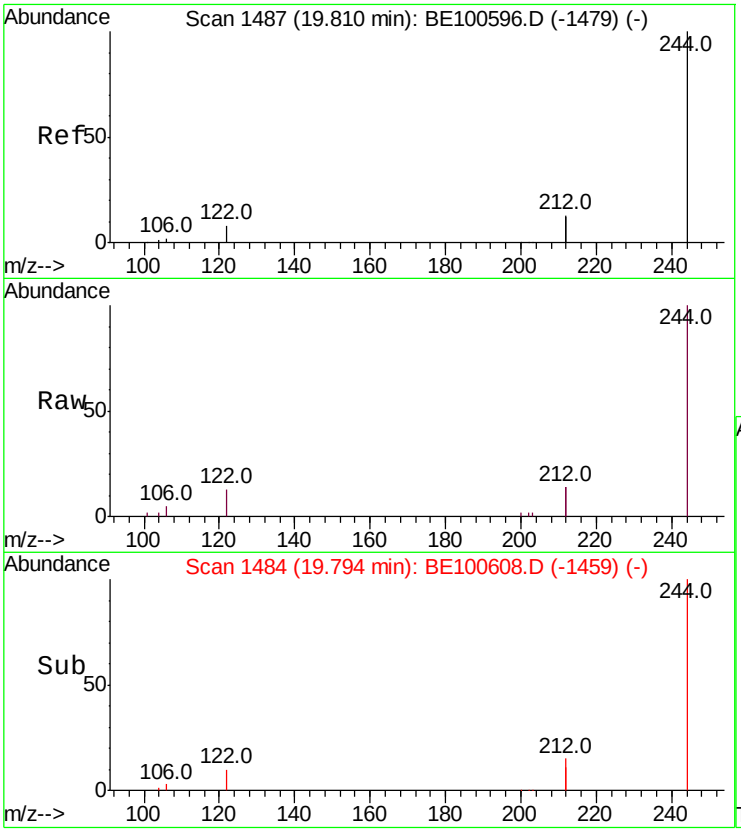


#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.33 min Scan# 1626
Delta R.T. -0.00 min
Lab File: BE100608.D
Acq: 8 Oct 2019 14:47

Tgt Ion:240 Resp: 33230

Ion	Ratio	Lower	Upper
240	100		
120	15.6	3.6	5.4#
236	28.4	20.5	30.7



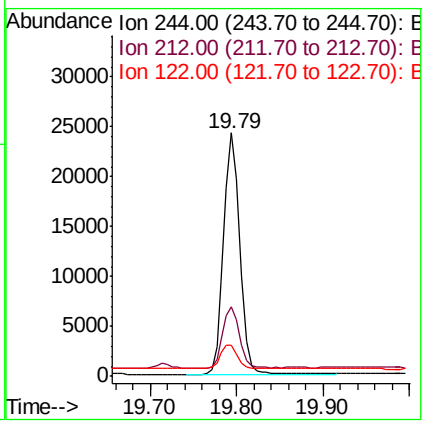


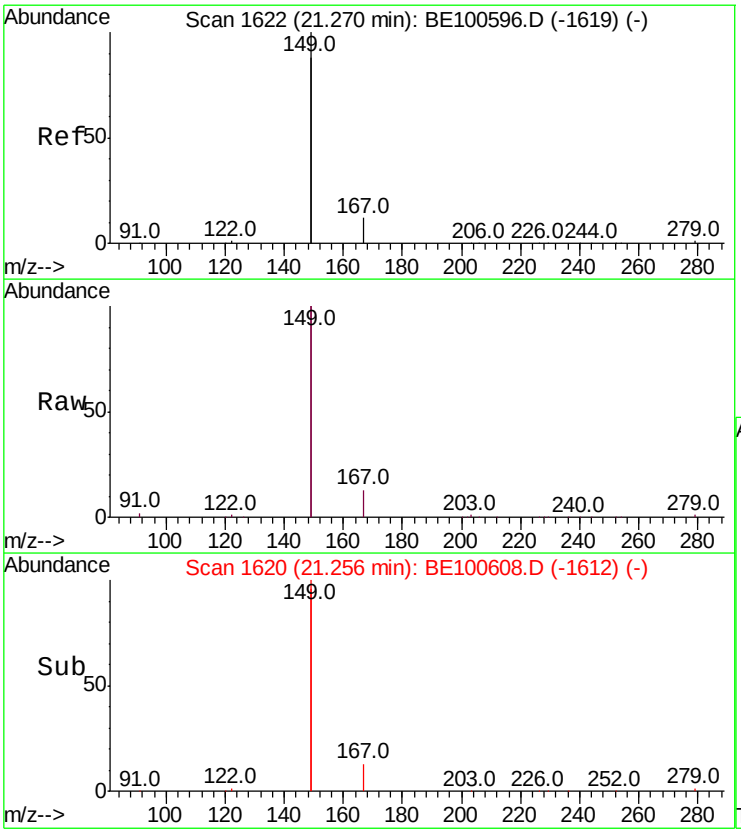
#29
Terphenyl-d14
Concen: 0.426 ng
RT: 19.79 min Scan# 1484
Delta R.T. -0.01 min
Lab File: BE100608.D
Acq: 8 Oct 2019 14:47

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:244 Resp: 31306

Ion	Ratio	Lower	Upper
244	100		
212	28.7	20.6	31.0
122	12.6	6.5	9.7#

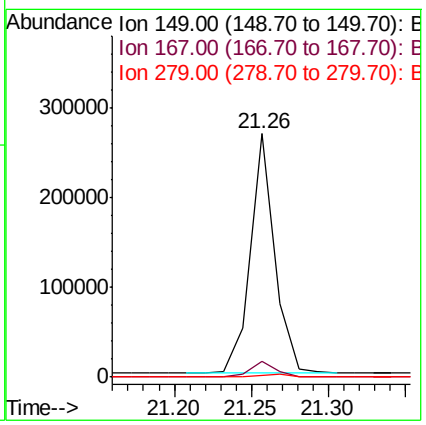


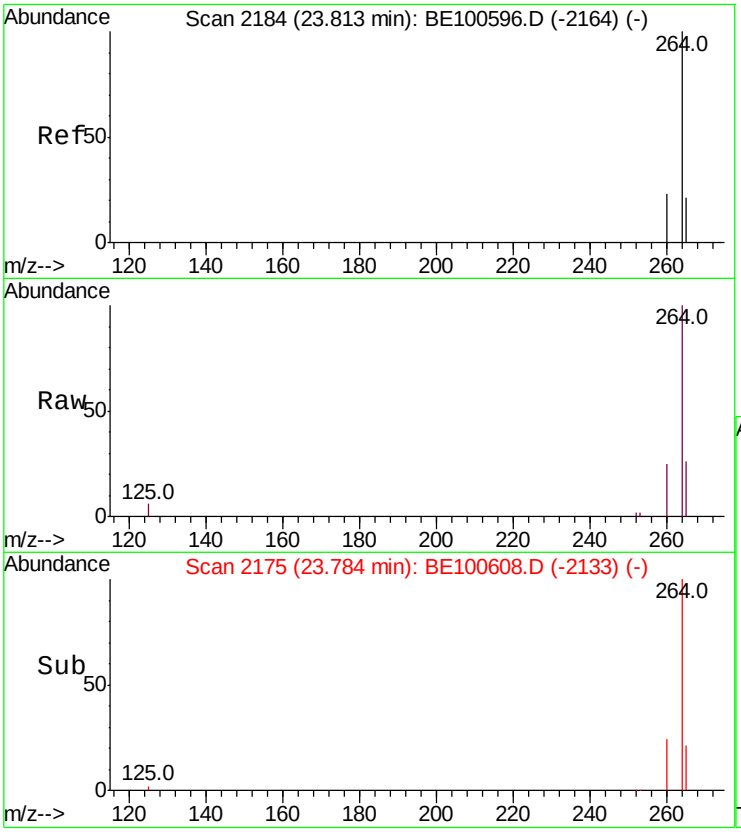


#32
Bis(2-ethylhexyl)phthalate
Concen: 1.635 ng
RT: 21.26 min Scan# 1620
Delta R.T. -0.00 min
Lab File: BE100608.D
Acq: 8 Oct 2019 14:47

Tgt Ion:149 Resp: 290128

Ion	Ratio	Lower	Upper
149	100		
167	6.7	5.4	8.0
279	1.1	0.9	1.3





#34
Perylene-d12
Concen: 0.400 ng
RT: 23.78 min Scan# 2175
Delta R.T. -0.00 min
Lab File: BE100608.D
Acq: 8 Oct 2019 14:47

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:264 Resp: 37988

Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.0	28.4
265	25.6	20.9	31.3