Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE102319\
Data File : BE100671.D
Acq On : 23 Oct 2019 20:58
Operator : JU
Sample : K5486-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Oct 24 01:34:38 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE101019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 23 16:49:33 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.85	152	3170	0.40	ng		0.00
7) Naphthalene-d8	10.63	136	13051	0.40	ng		0.00
13) Acenaphthene-d10	14.47	164	8078	0.40	ng		0.00
19) Phenanthrene-d10	17.19	188	19906	0.40	ng		-0.01
27) Chrysene-d12	21.35	240	29091	0.40	ng		0.00
34) Perylene-d12	23.83	264	33651	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.44	112	2403	0.25	ng		0.00
5) Phenol-d6	7.01	99	2171	0.16	ng		0.00
8) Nitrobenzene-d5	8.99	82	3889	0.48	ng		0.00
11) 2-Methylnaphthalene-d10	12.22	152	7745	0.38	ng		0.00
14) 2,4,6-Tribromophenol	15.94	330	1280	0.60	ng		0.00
15) 2-Fluorobiphenyl	13.10	172	10984	0.37	ng		0.00
25) Fluoranthene-d10	19.22	212	111073	0.43	ng		0.00
29) Terphenyl-d14	19.82	244	25834	0.41	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.38	88	1022	0.181	ng	#	66
3) n-Nitrosodimethylamine	3.76	42	174	0.029	ng	#	1
6) bis(2-Chloroethyl)ether	7.30	93	258	0.023	ng	#	1
26) Fluoranthene	19.24	202	1773	0.025	ng	#	94
28) Pyrene	19.60	202	1796	0.022	ng		96
30) Benzo(a)anthracene	21.34	228	2010	0.021	ng	#	87
31) Chrysene	21.39	228	1913	0.020	ng	#	89
32) Bis(2-ethylhexyl)phthalate	21.28	149	14470	0.073	ng		99
35) Benzo(b)fluoranthene	23.07	252	2141	0.022	ng	#	61
36) Benzo(k)fluoranthene	23.12	252	2328	0.023	ng	#	1
38) Dibenzo(a,h)anthracene	26.46	278	1963	0.021	ng	#	61
39) Benzo(g,h,i)perylene	27.23	276	1948	0.021	ng	#	71

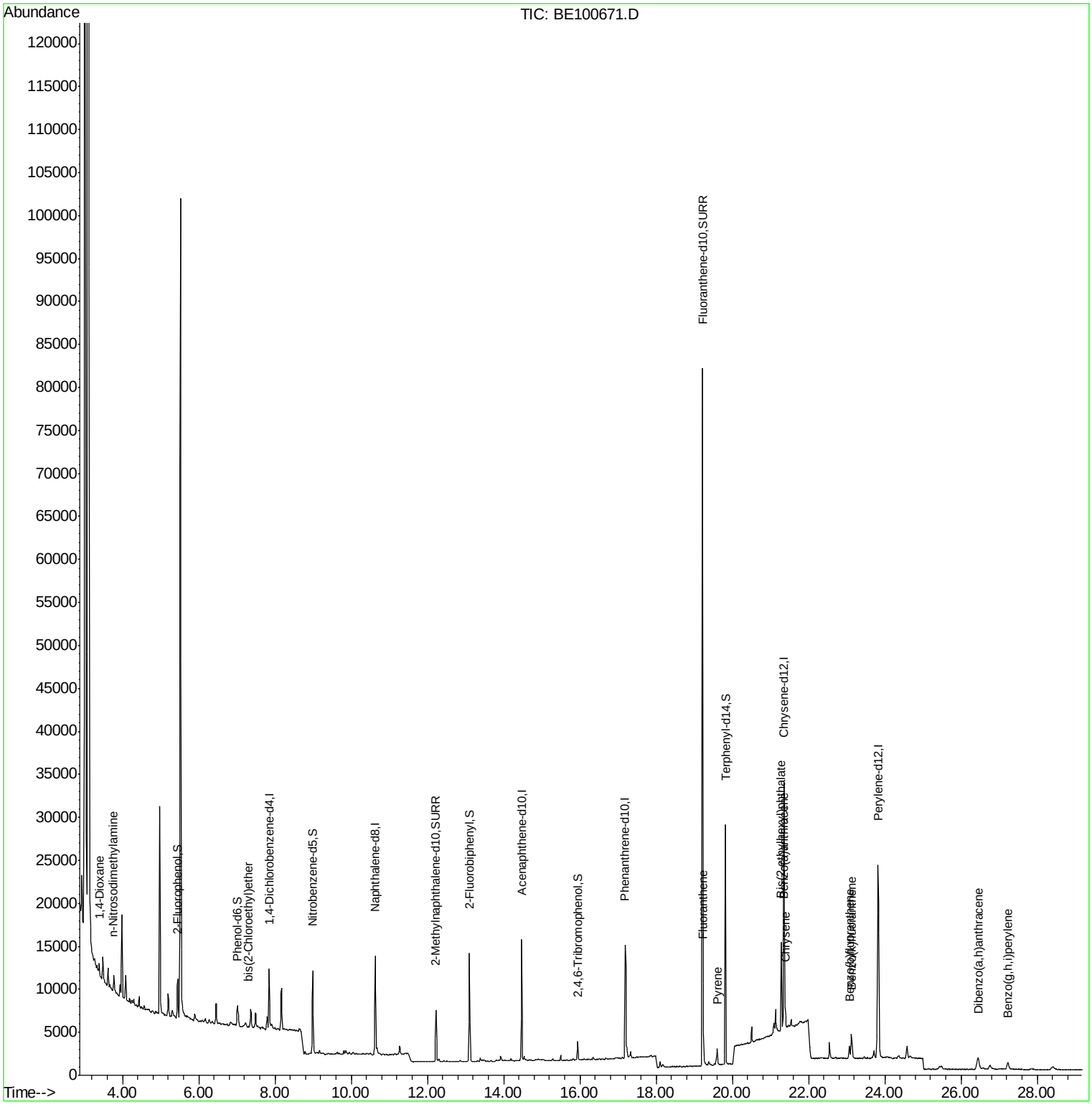
(#) = qualifier out of range (m) = manual integration (+) = signals summed

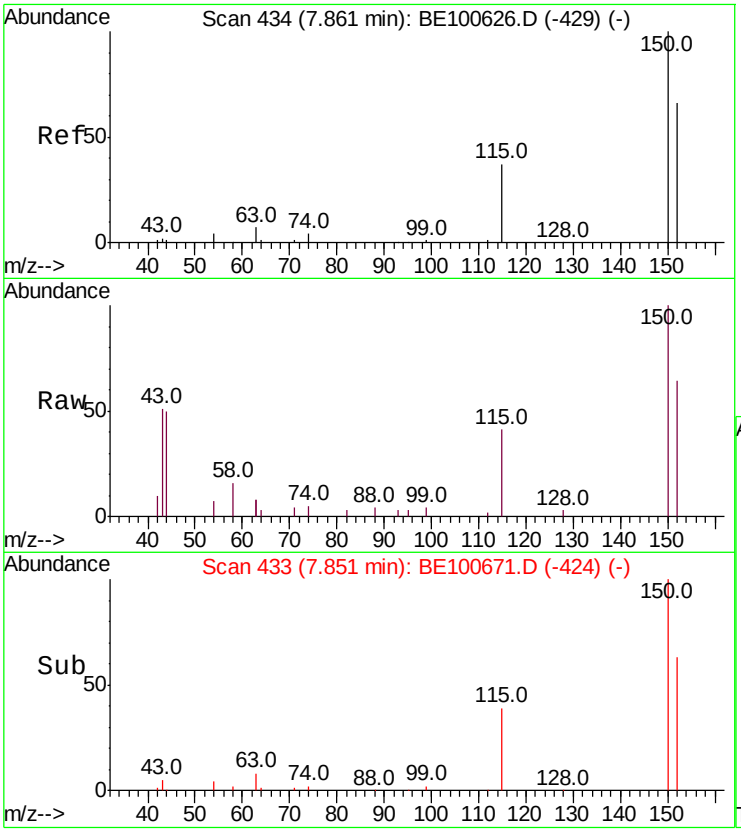
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE102319\
Data File : BE100671.D
Acq On : 23 Oct 2019 20:58
Operator : JU
Sample : K5486-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Oct 24 01:34:38 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE101019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 23 16:49:33 2019
Response via : Initial Calibration



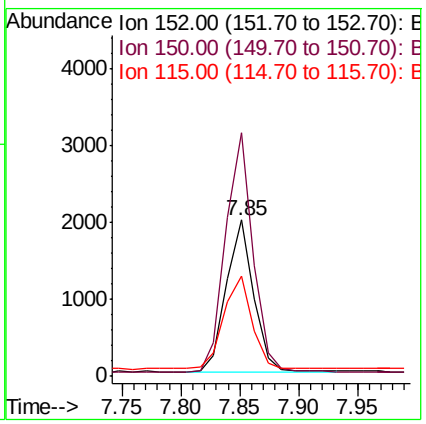


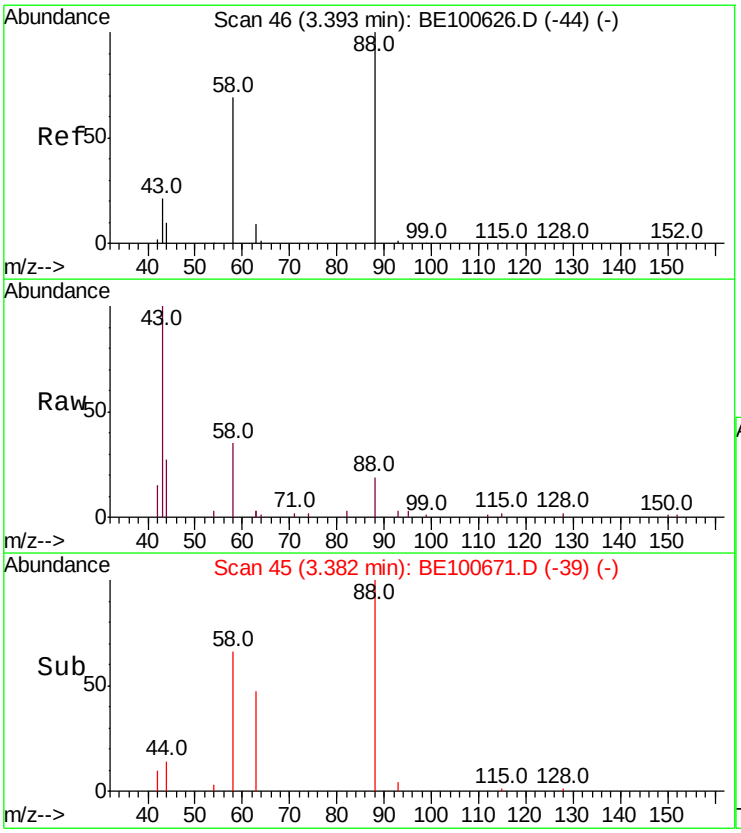
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.85 min Scan# 433
Delta R.T. 0.00 min
Lab File: BE100671.D
Acq: 23 Oct 2019 20:58

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 3170

Ion	Ratio	Lower	Upper
152	100		
150	155.9	123.3	184.9
115	64.2	51.9	77.9

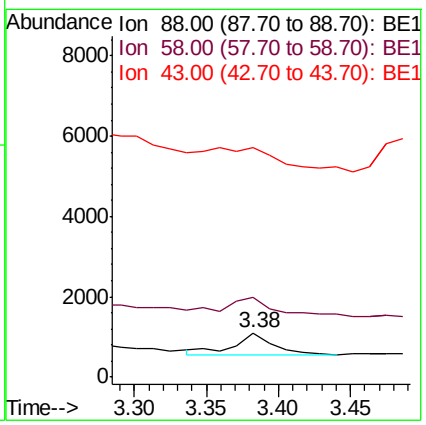


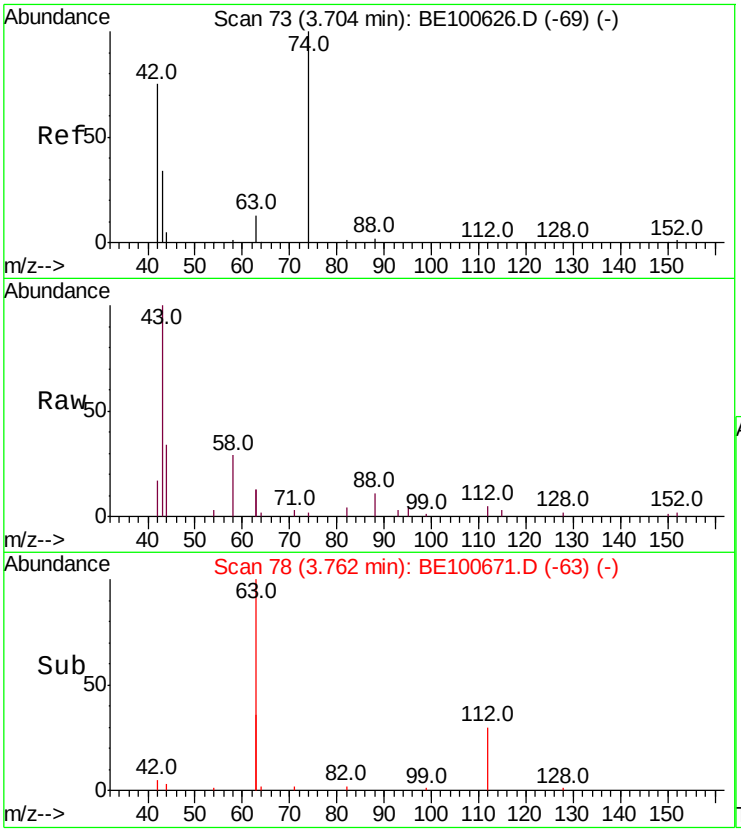


#2
1,4-Dioxane
Concen: 0.181 ng
RT: 3.38 min Scan# 45
Delta R.T. 0.00 min
Lab File: BE100671.D
Acq: 23 Oct 2019 20:58

Tgt Ion: 88 Resp: 1022

Ion	Ratio	Lower	Upper
88	100		
58	96.0	59.8	89.6#
43	0.0	24.6	36.8#



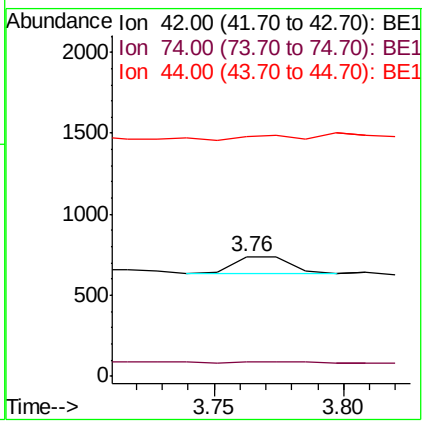


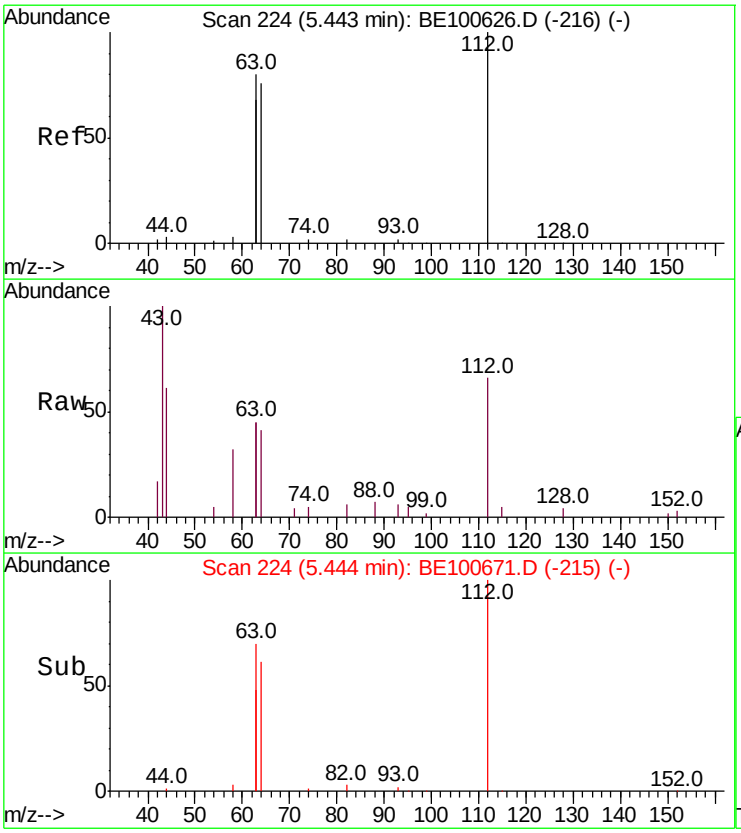
#3
n-Nitrosodimethylamine
Concen: 0.029 ng
RT: 3.76 min Scan# 78
Delta R.T. 0.07 min
Lab File: BE100671.D
Acq: 23 Oct 2019 20:58

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 42 Resp: 174

Ion	Ratio	Lower	Upper
42	100		
74	0.0	97.2	145.8#
44	0.0	16.6	24.8#

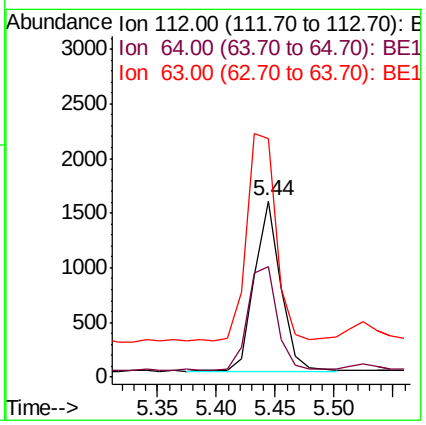


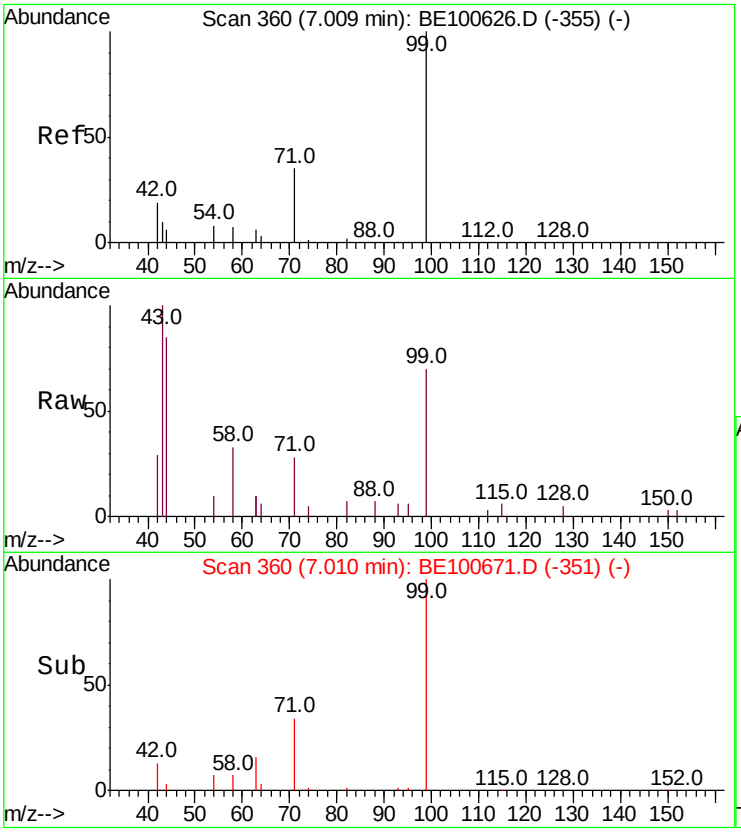


#4
2-Fluorophenol
Concen: 0.245 ng
RT: 5.44 min Scan# 224
Delta R.T. 0.00 min
Lab File: BE100671.D
Acq: 23 Oct 2019 20:58

Tgt Ion:112 Resp: 2403

Ion	Ratio	Lower	Upper
112	100		
64	69.6	55.4	83.2
63	136.9	114.2	171.4



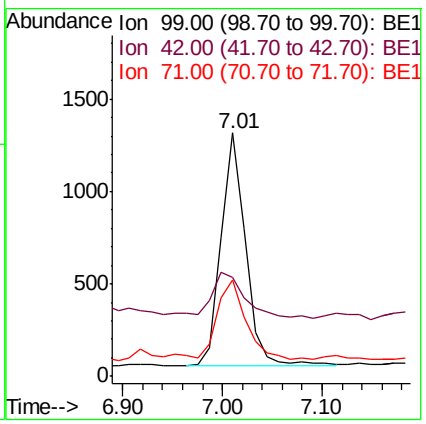


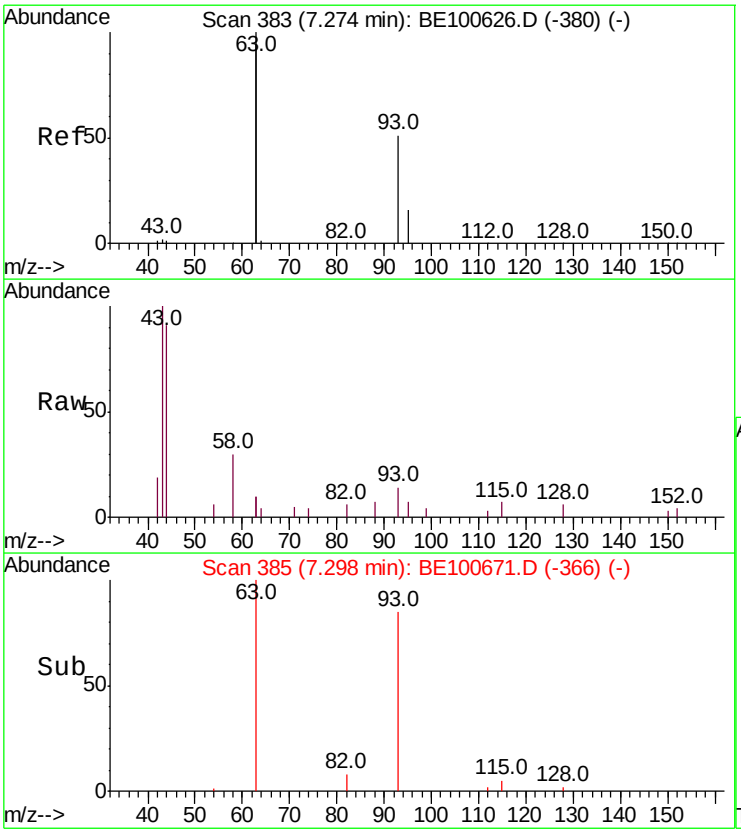
#5
Phenol-d6
Concen: 0.157 ng
RT: 7.01 min Scan# 360
Delta R.T. 0.00 min
Lab File: BE100671.D
Acq: 23 Oct 2019 20:58

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 99 Resp: 2171

Ion	Ratio	Lower	Upper
99	100		
42	25.1	17.7	26.5
71	38.9	27.4	41.0

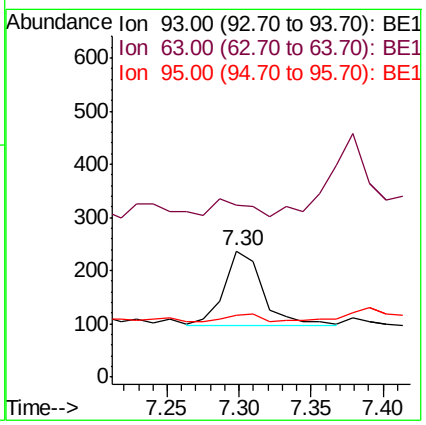


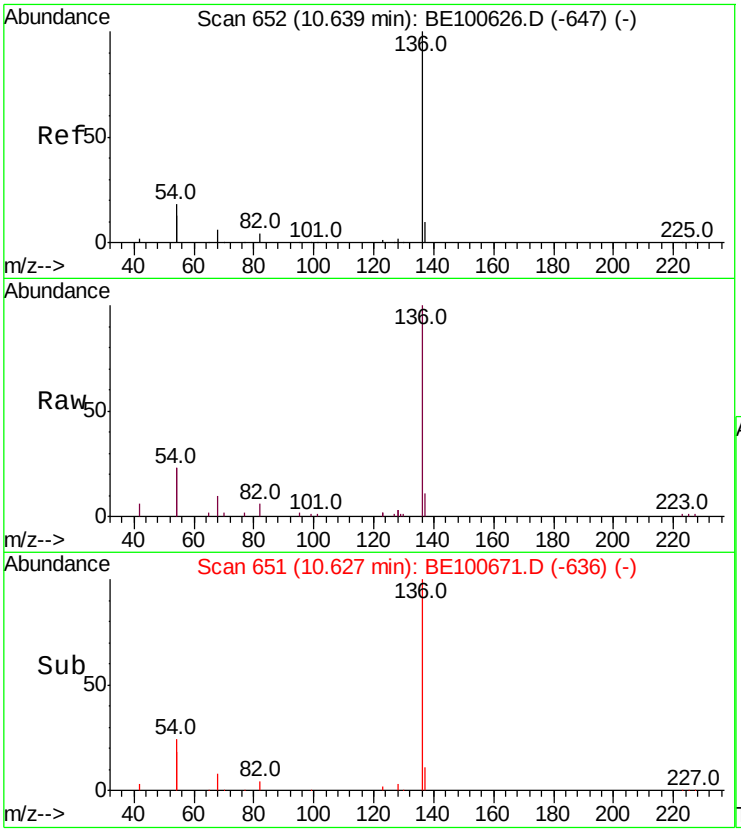


#6
bis(2-Chloroethyl)ether
Concen: 0.023 ng
RT: 7.30 min Scan# 385
Delta R.T. 0.02 min
Lab File: BE100671.D
Acq: 23 Oct 2019 20:58

Tgt Ion: 93 Resp: 258

Ion	Ratio	Lower	Upper
93	100		
63	0.0	268.8	403.2#
95	8.9	25.6	38.4#



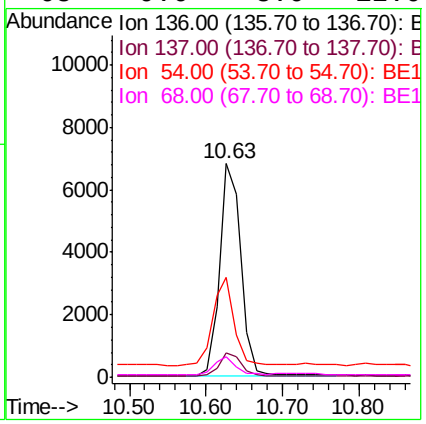


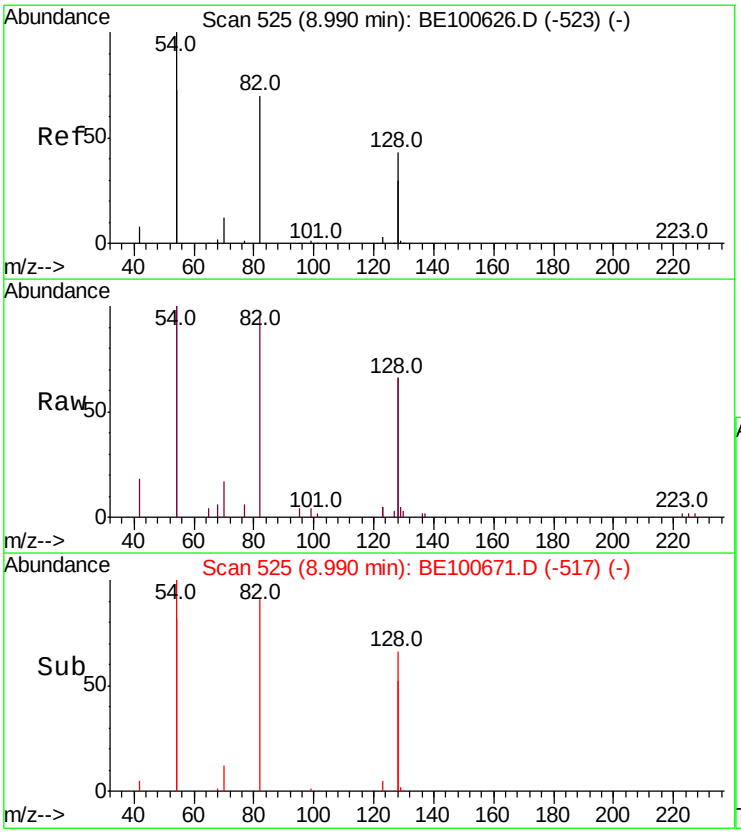
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.63 min Scan# 651
Delta R.T. -0.00 min
Lab File: BE100671.D
Acq: 23 Oct 2019 20:58

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:136 Resp: 13051

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.2	13.8
54	47.0	39.4	59.2
68	9.6	8.0	12.0

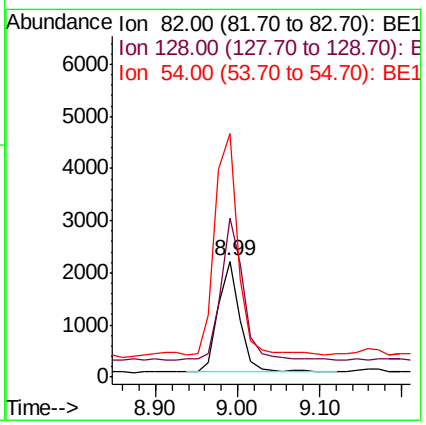


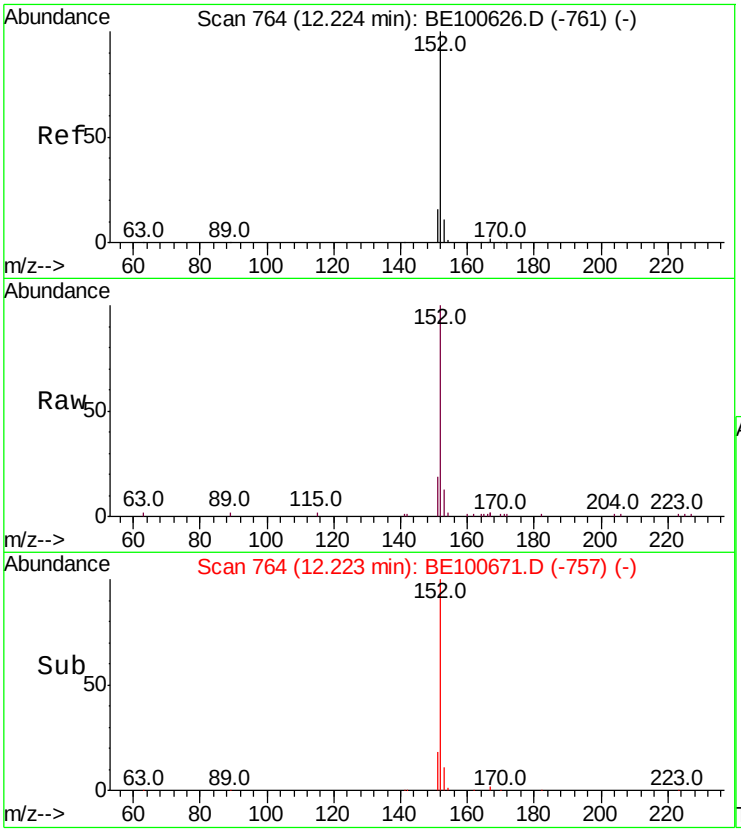


#8
Nitrobenzene-d5
Concen: 0.481 ng
RT: 8.99 min Scan# 525
Delta R.T. -0.00 min
Lab File: BE100671.D
Acq: 23 Oct 2019 20:58

Tgt Ion: 82 Resp: 3889

Ion	Ratio	Lower	Upper
82	100		
128	138.0	107.8	161.8
54	210.3	166.1	249.1



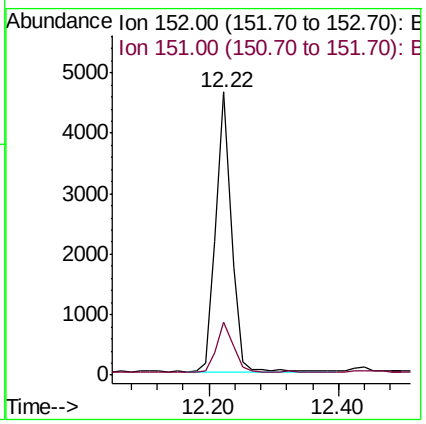


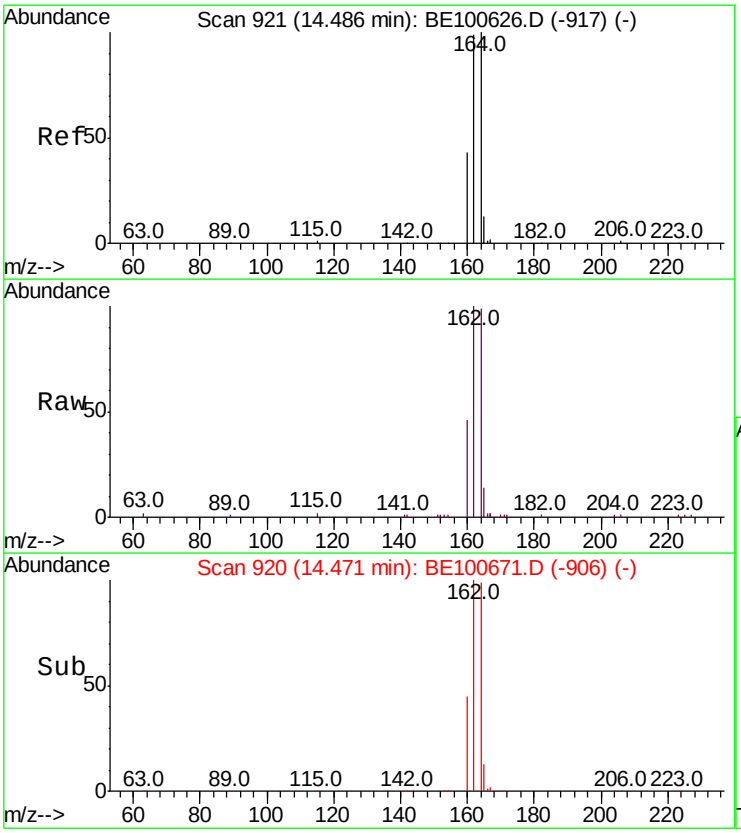
#11
2-Methylnaphthalene-d10
Concen: 0.376 ng
RT: 12.22 min Scan# 764
Delta R.T. -0.00 min
Lab File: BE100671.D
Acq: 23 Oct 2019 20:58

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 7745

Ion	Ratio	Lower	Upper
152	100		
151	18.8	14.7	22.1

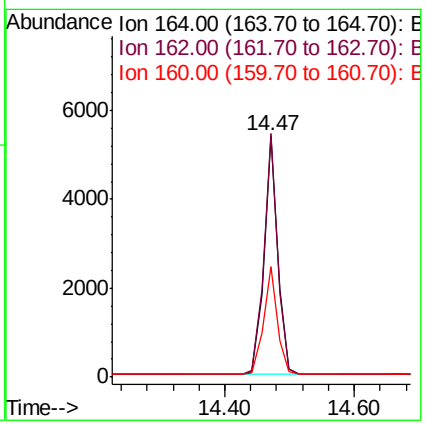


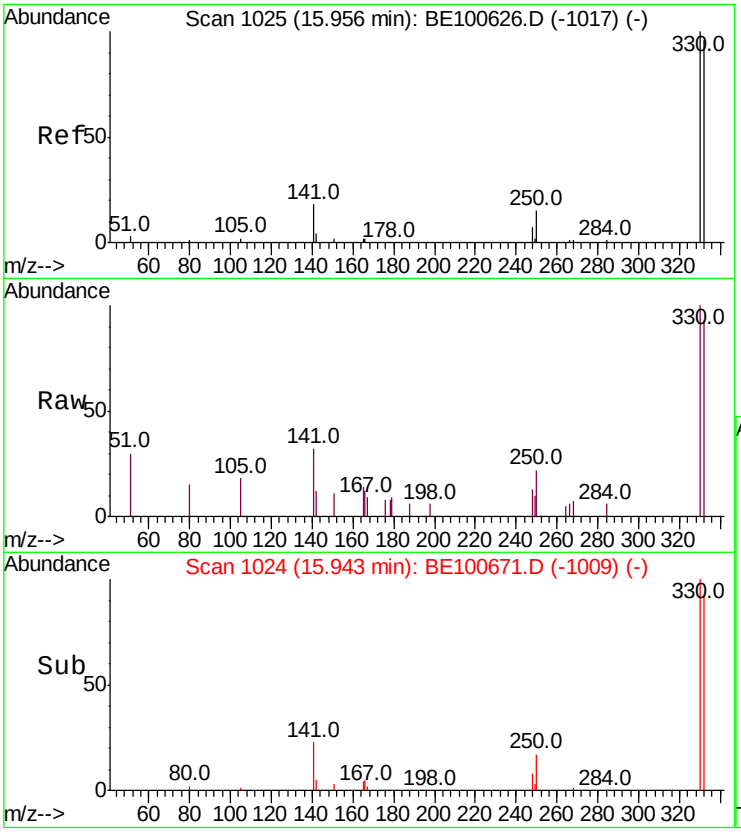


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.47 min Scan# 920
Delta R.T. -0.00 min
Lab File: BE100671.D
Acq: 23 Oct 2019 20:58

Tgt Ion:164 Resp: 8078

Ion	Ratio	Lower	Upper
164	100		
162	100.9	82.0	123.0
160	46.0	37.5	56.3



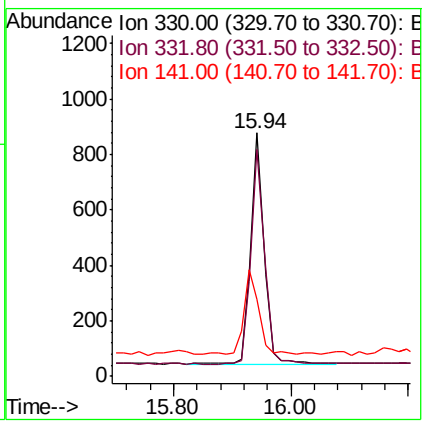


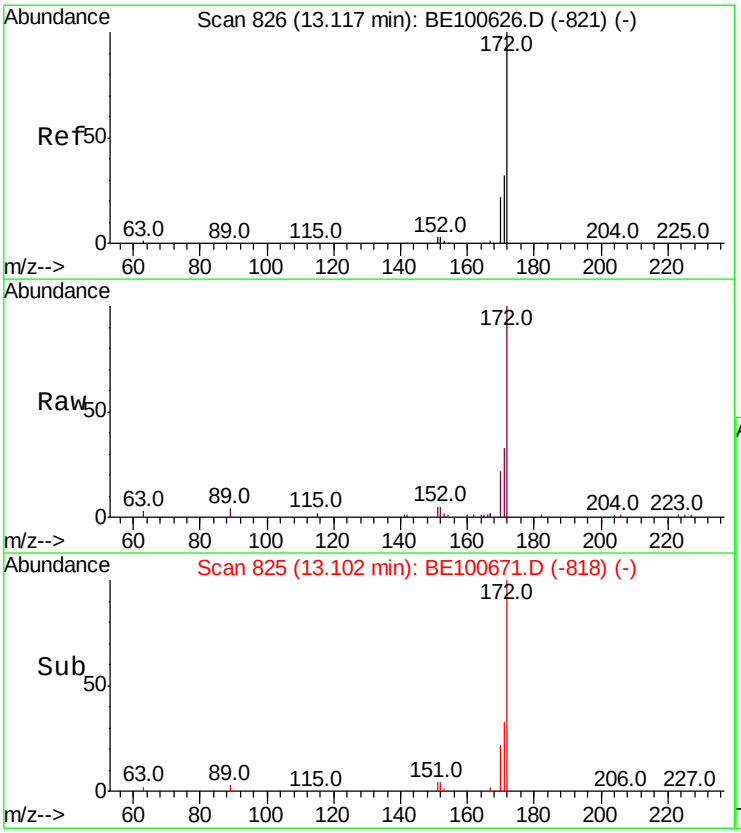
#14
2,4,6-Tribromophenol
Concen: 0.600 ng
RT: 15.94 min Scan# 1024
Delta R.T. 0.00 min
Lab File: BE100671.D
Acq: 23 Oct 2019 20:58

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:330 Resp: 1280

Ion	Ratio	Lower	Upper
330	100		
332	95.2	77.9	116.9
141	41.6	33.0	49.6

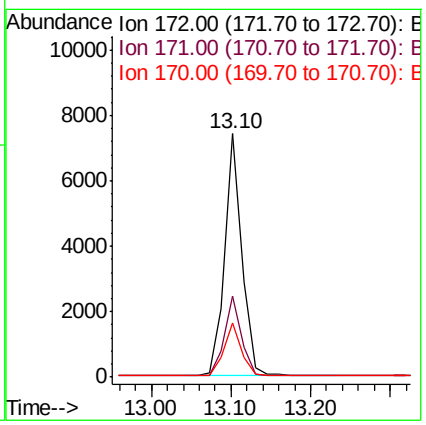


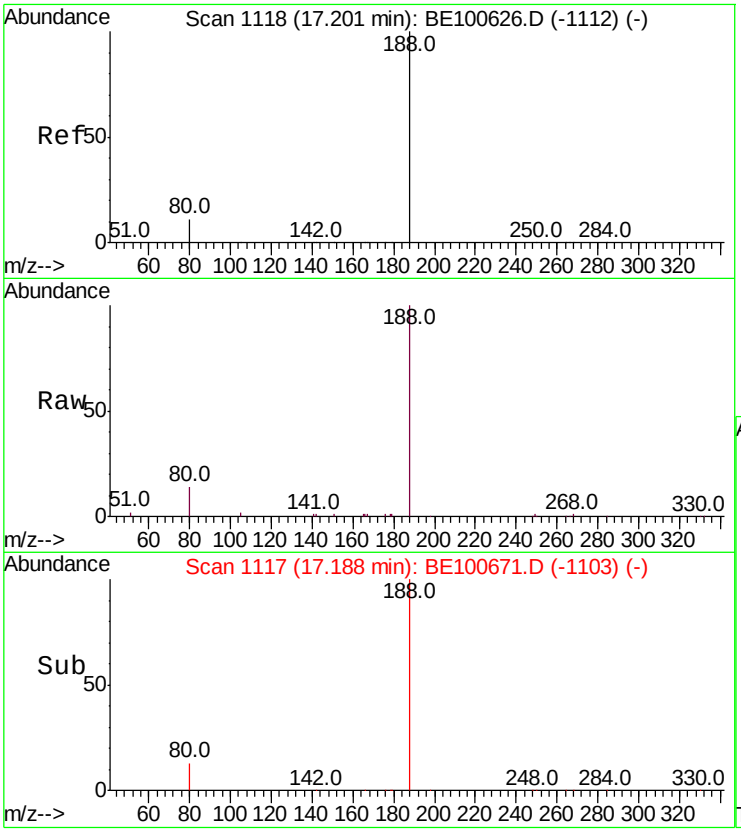


#15
2-Fluorobiphenyl
Concen: 0.373 ng
RT: 13.10 min Scan# 825
Delta R.T. -0.00 min
Lab File: BE100671.D
Acq: 23 Oct 2019 20:58

Tgt Ion:172 Resp: 10984

Ion	Ratio	Lower	Upper
172	100		
171	33.0	26.5	39.7
170	22.4	19.0	28.4



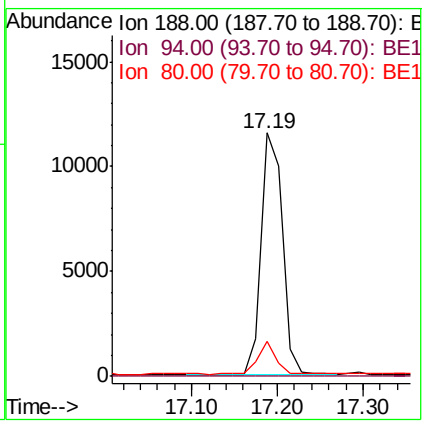


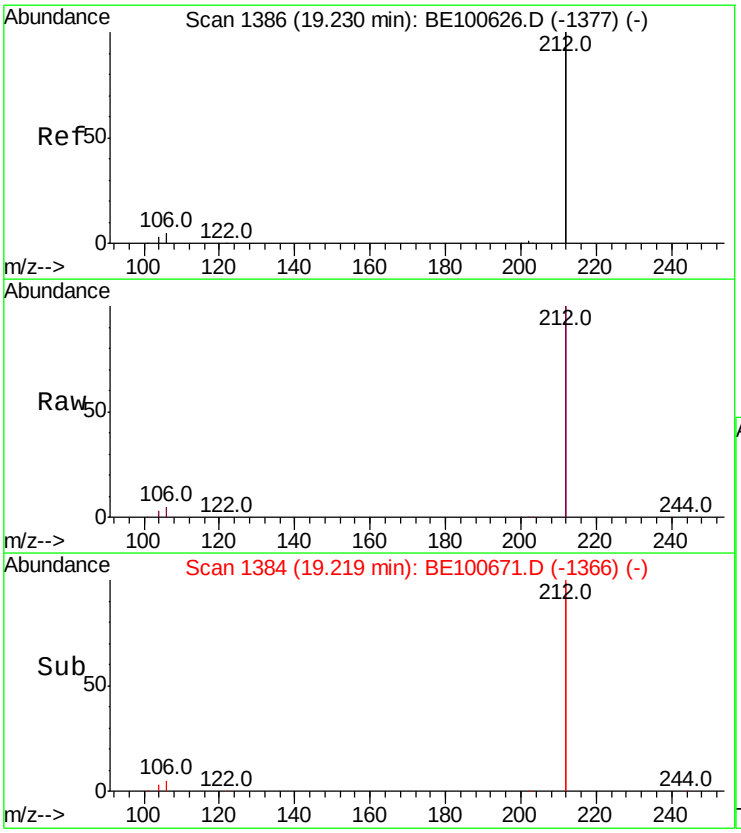
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.19 min Scan# 1117
Delta R.T. -0.01 min
Lab File: BE100671.D
Acq: 23 Oct 2019 20:58

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:188 Resp: 19906

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	14.2	5.4	8.0#

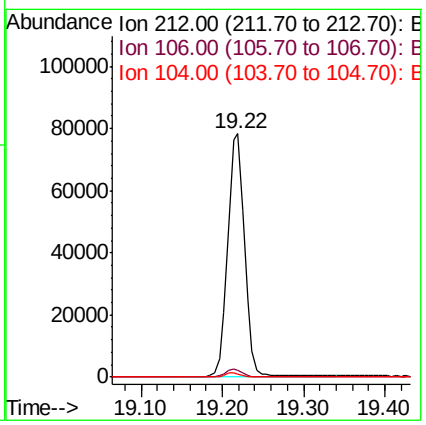


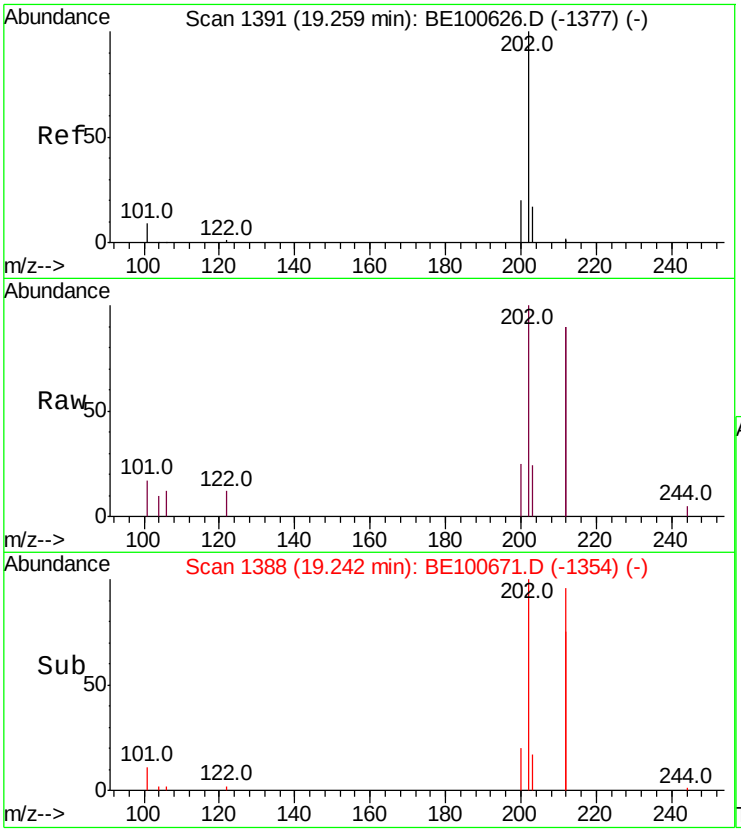


#25
Fluoranthene-d10
Concen: 0.432 ng
RT: 19.22 min Scan# 1384
Delta R.T. 0.00 min
Lab File: BE100671.D
Acq: 23 Oct 2019 20:58

Tgt Ion:212 Resp: 111073

Ion	Ratio	Lower	Upper
212	100		
106	2.9	2.3	3.5
104	1.6	1.3	1.9



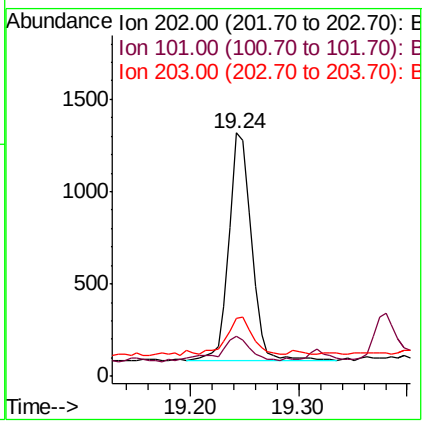


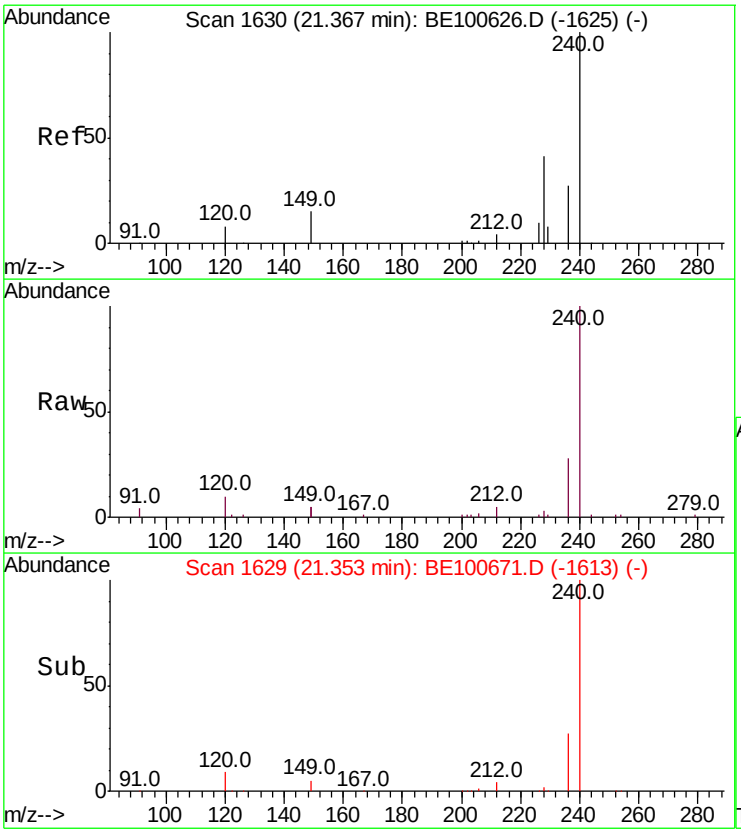
#26
Fluoranthene
Concen: 0.025 ng
RT: 19.24 min Scan# 1388
Delta R.T. -0.00 min
Lab File: BE100671.D
Acq: 23 Oct 2019 20:58

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:202 Resp: 1773

Ion	Ratio	Lower	Upper
202	100		
101	16.1	8.5	12.7#
203	17.8	13.8	20.8

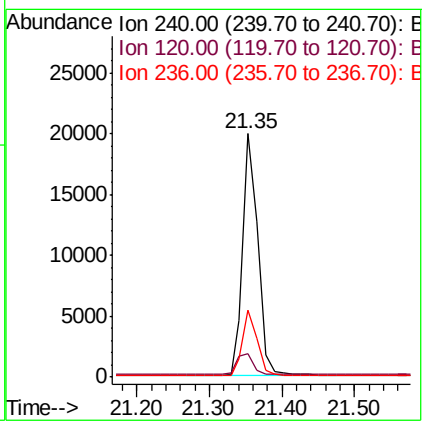


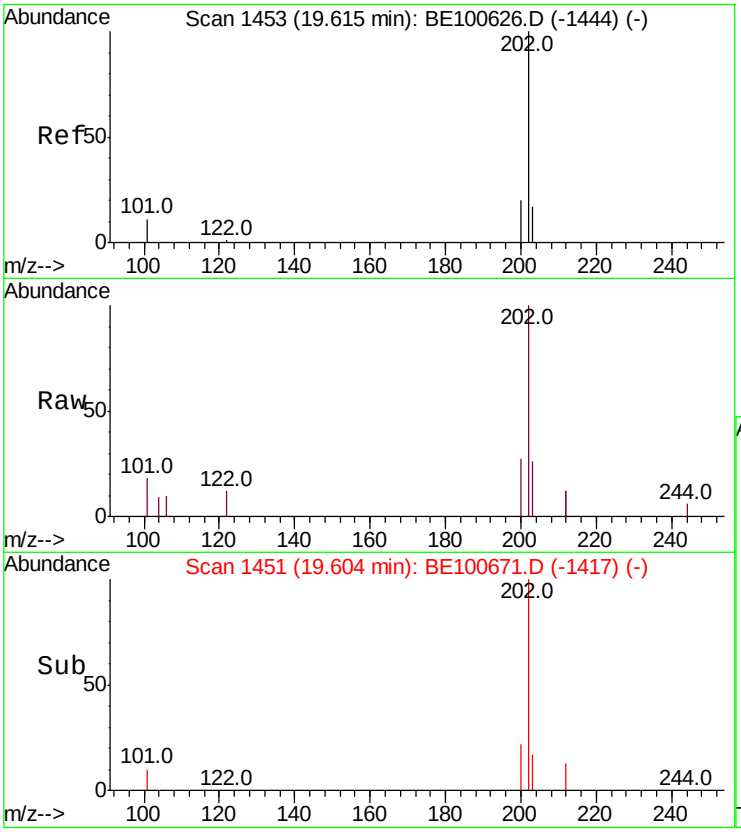


#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.35 min Scan# 1629
Delta R.T. -0.00 min
Lab File: BE100671.D
Acq: 23 Oct 2019 20:58

Tgt Ion:240 Resp: 29091

Ion	Ratio	Lower	Upper
240	100		
120	9.6	7.6	11.4
236	27.5	22.1	33.1



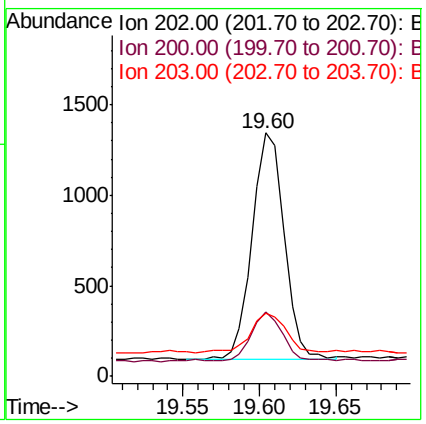


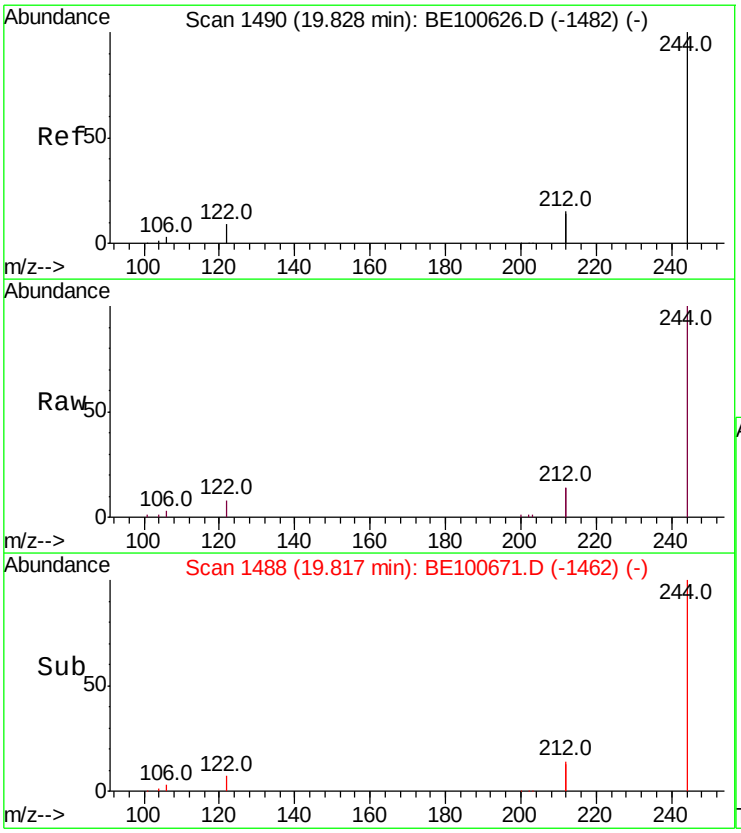
#28
Pyrene
Concen: 0.022 ng
RT: 19.60 min Scan# 1451
Delta R.T. -0.00 min
Lab File: BE100671.D
Acq: 23 Oct 2019 20:58

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:202 Resp: 1796

Ion	Ratio	Lower	Upper
202	100		
200	21.3	16.7	25.1
203	20.8	14.0	21.0

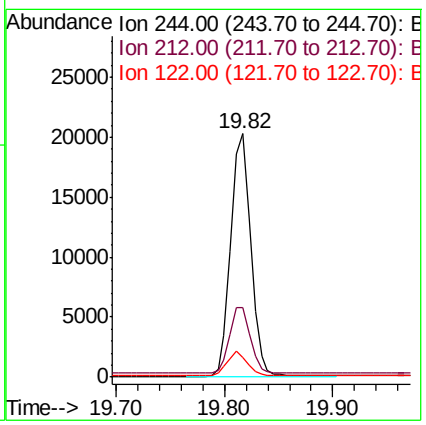


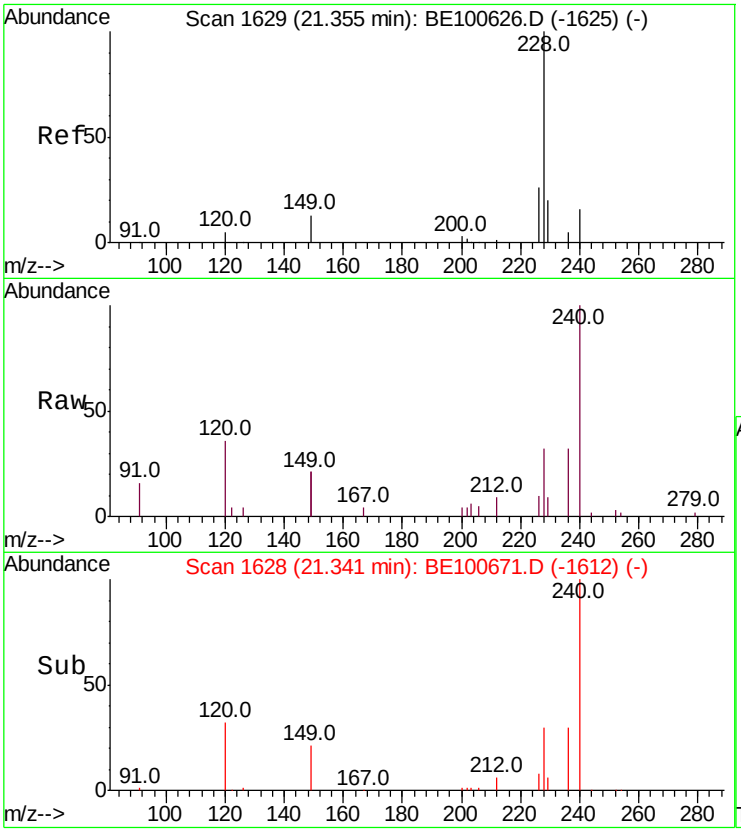


#29
Terphenyl-d14
Concen: 0.406 ng
RT: 19.82 min Scan# 1488
Delta R.T. 0.00 min
Lab File: BE100671.D
Acq: 23 Oct 2019 20:58

Tgt Ion:244 Resp: 25834

Ion	Ratio	Lower	Upper
244	100		
212	28.3	23.7	35.5
122	8.1	7.9	11.9



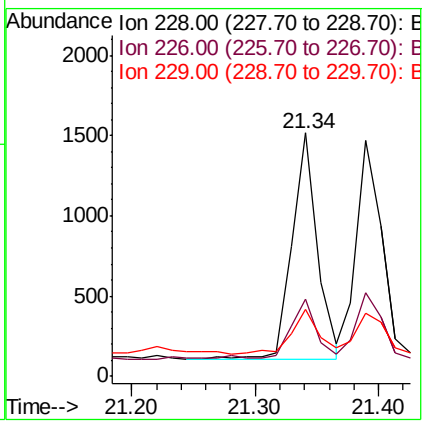


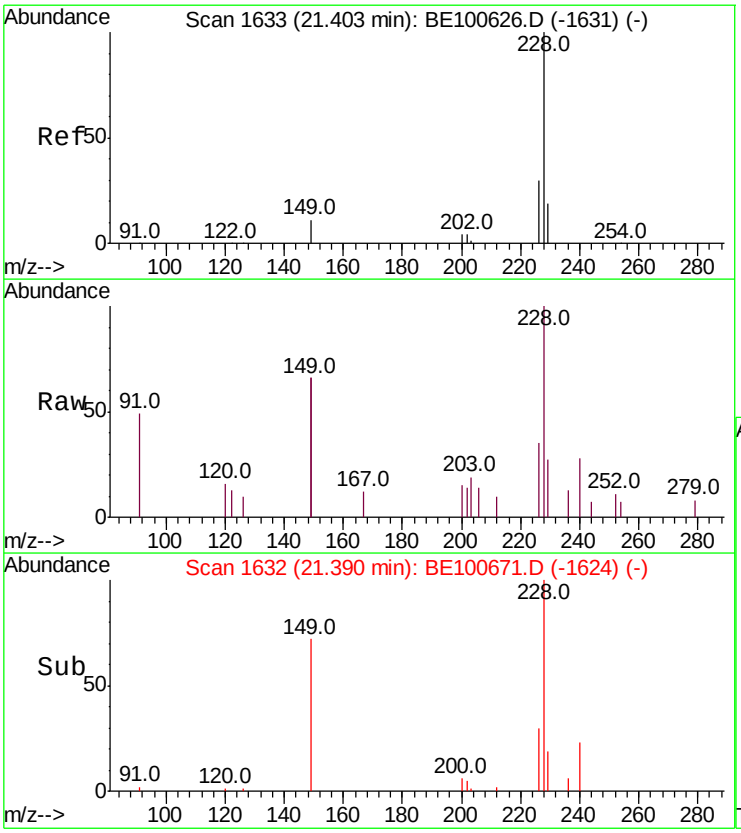
#30
Benzo(a)anthracene
Concen: 0.021 ng
RT: 21.34 min Scan# 1628
Delta R.T. -0.00 min
Lab File: BE100671.D
Acq: 23 Oct 2019 20:58

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 2010

Ion	Ratio	Lower	Upper
228	100		
226	31.8	21.4	32.0
229	27.6	16.0	24.0#

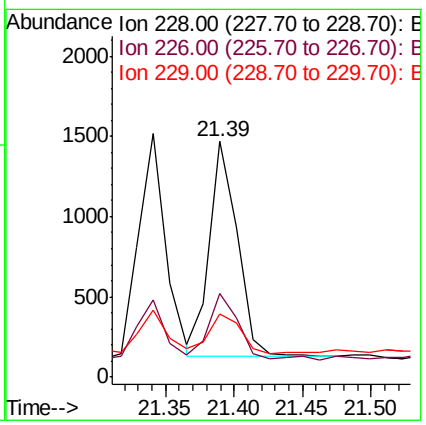


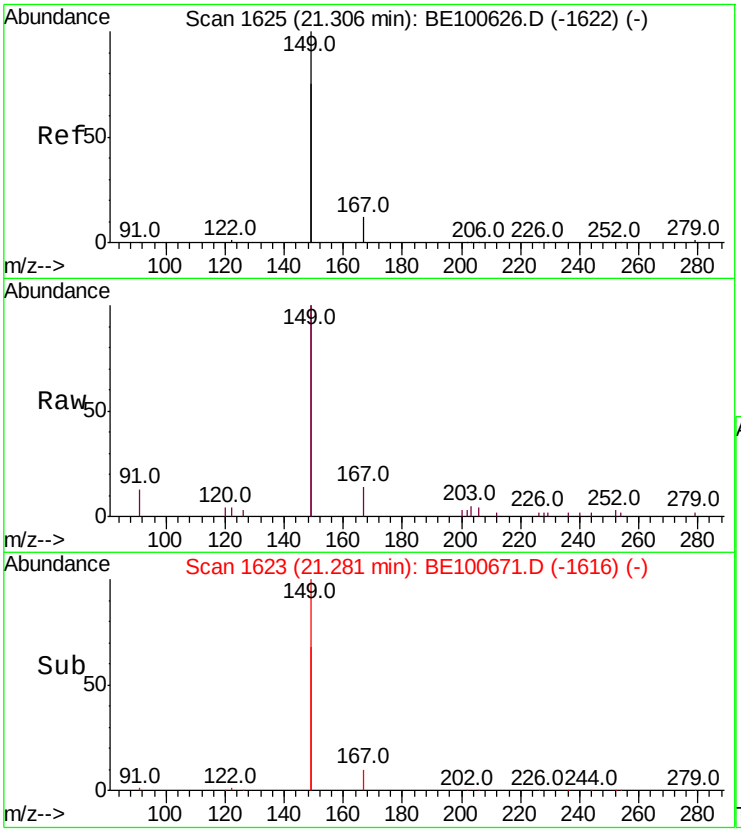


#31
Chrysene
Concen: 0.020 ng
RT: 21.39 min Scan# 1632
Delta R.T. -0.00 min
Lab File: BE100671.D
Acq: 23 Oct 2019 20:58

Tgt Ion:228 Resp: 1913

Ion	Ratio	Lower	Upper
228	100		
226	35.3	24.6	37.0
229	27.1	15.8	23.8#



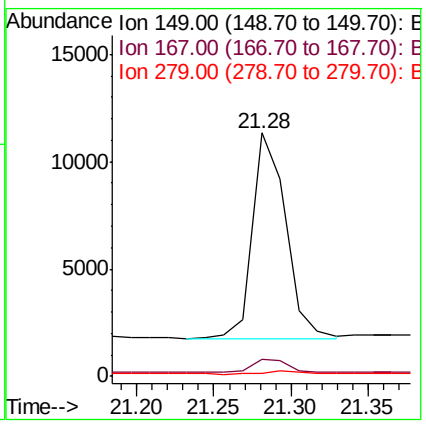


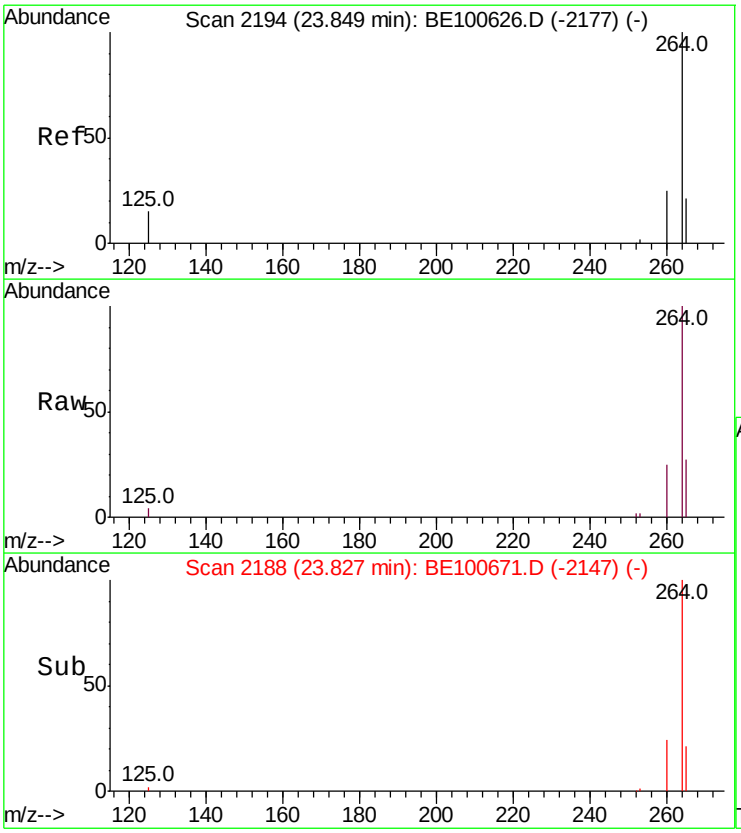
#32
Bis(2-ethylhexyl)phthalate
Concen: 0.073 ng
RT: 21.28 min Scan# 1623
Delta R.T. -0.01 min
Lab File: BE100671.D
Acq: 23 Oct 2019 20:58

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:149 Resp: 14470

Ion	Ratio	Lower	Upper
149	100		
167	6.6	5.5	8.3
279	1.2	0.9	1.3

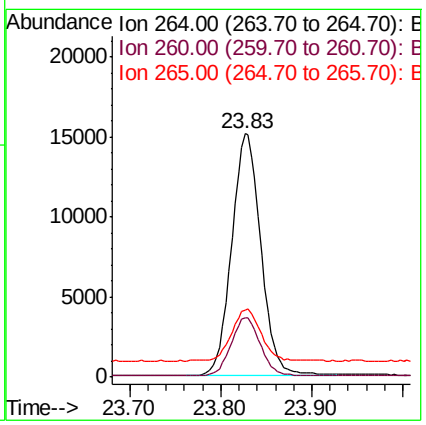


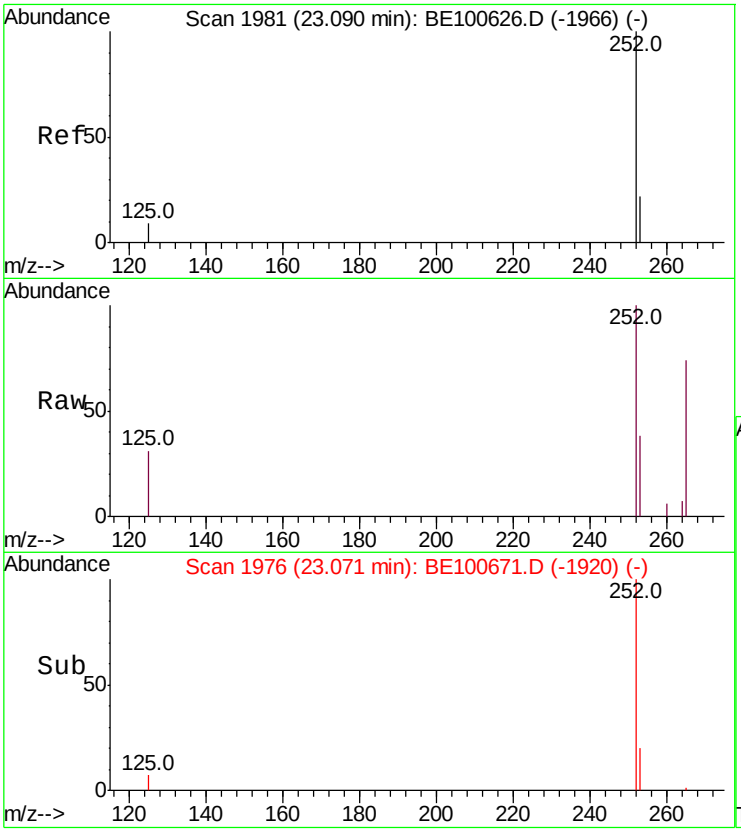


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.83 min Scan# 2188
Delta R.T. -0.00 min
Lab File: BE100671.D
Acq: 23 Oct 2019 20:58

Tgt Ion:264 Resp: 33651

Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.4	29.2
265	27.4	21.7	32.5



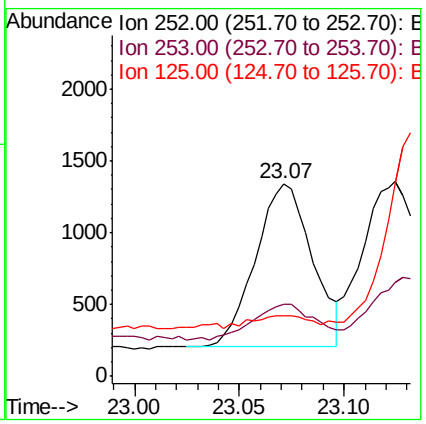


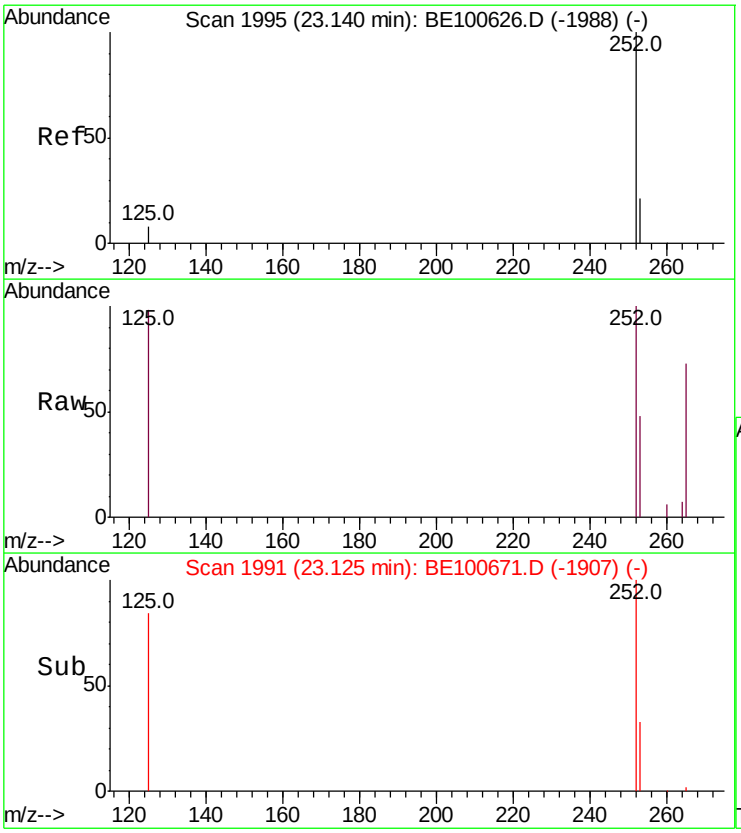
#35
Benzo(b)fluoranthene
Concen: 0.022 ng
RT: 23.07 min Scan# 1976
Delta R.T. -0.00 min
Lab File: BE100671.D
Acq: 23 Oct 2019 20:58

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 2141

Ion	Ratio	Lower	Upper
252	100		
253	37.6	18.4	27.6#
125	31.2	7.6	11.4#

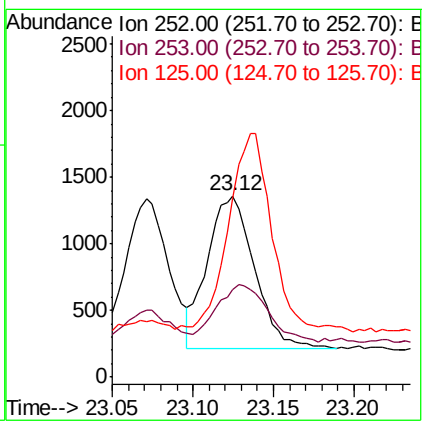


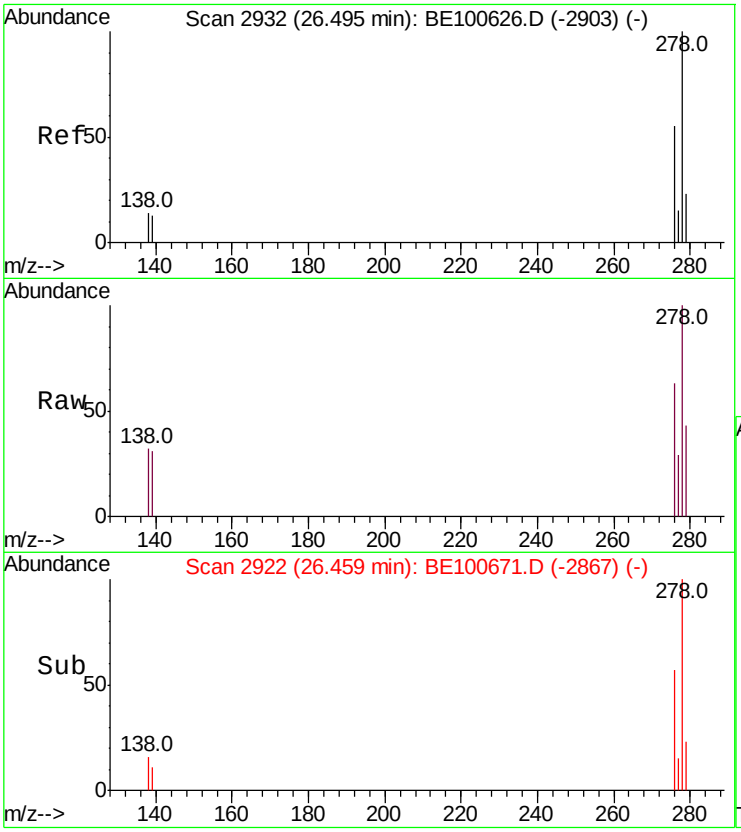


#36
Benzo(k)fluoranthene
Concen: 0.023 ng
RT: 23.12 min Scan# 1991
Delta R.T. -0.00 min
Lab File: BE100671.D
Acq: 23 Oct 2019 20:58

Tgt Ion:252 Resp: 2328

Ion	Ratio	Lower	Upper
252	100		
253	48.2	18.4	27.6#
125	98.2	11.6	17.4#



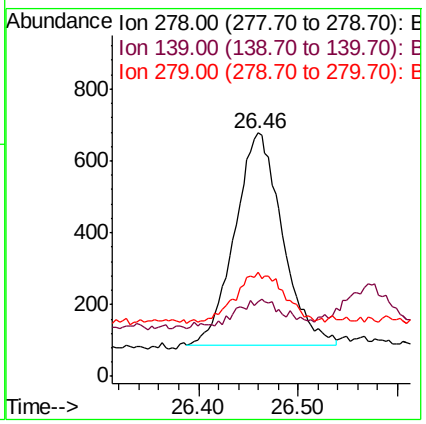


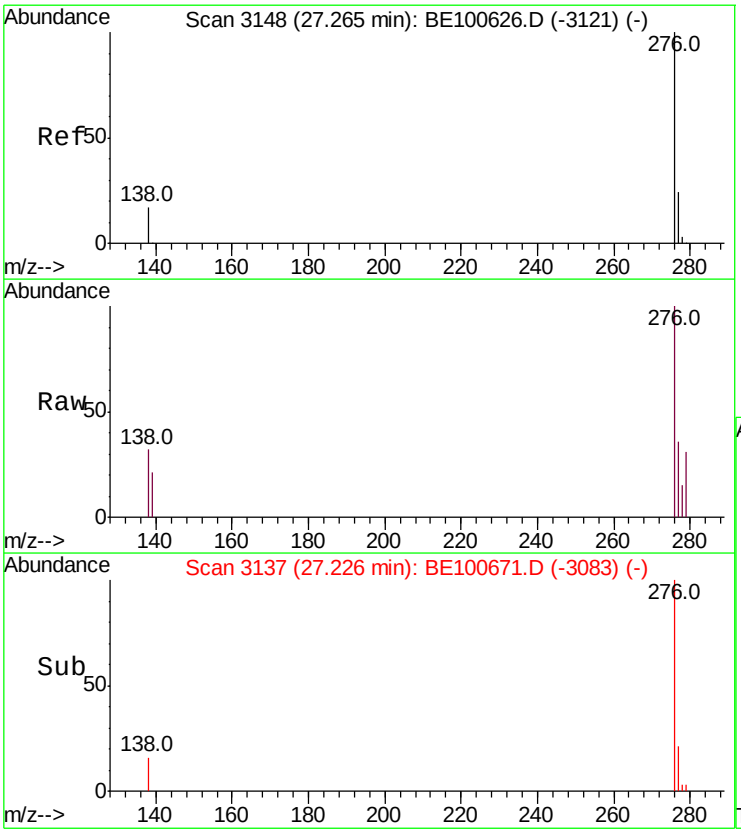
#38
Dibenzo(a,h)anthracene
Concen: 0.021 ng
RT: 26.46 min Scan# 2922
Delta R.T. -0.00 min
Lab File: BE100671.D
Acq: 23 Oct 2019 20:58

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:278 Resp: 1963

Ion	Ratio	Lower	Upper
278	100		
139	30.5	10.9	16.3#
279	42.8	19.4	29.2#





#39
Benzo(g,h,i)perylene
Concen: 0.021 ng
RT: 27.23 min Scan# 3137
Delta R.T. -0.01 min
Lab File: BE100671.D
Acq: 23 Oct 2019 20:58

Tgt Ion:276 Resp: 1948

Ion	Ratio	Lower	Upper
276	100		
277	36.1	19.4	29.0#
138	32.3	13.6	20.4#