Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE102919\
Data File : BE100694.D
Acq On : 29 Oct 2019 14:26
Operator : JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Oct 29 16:43:31 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	4269	0.40	ng		0.00
7) Naphthalene-d8	10.63	136	18615	0.40	ng		0.00
13) Acenaphthene-d10	14.47	164	11879	0.40	ng		0.00
19) Phenanthrene-d10	17.19	188	28895	0.40	ng		-0.01
27) Chrysene-d12	21.35	240	34548	0.40	ng		0.00
34) Perylene-d12	23.82	264	40927	0.40	ng		-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.45	112	5494	0.42	ng		0.00
5) Phenol-d6	7.01	99	8186	0.44	ng		0.00
8) Nitrobenzene-d5	8.99	82	5967	0.52	ng		0.00
11) 2-Methylnaphthalene-d10	12.22	152	13113	0.45	ng		0.00
14) 2,4,6-Tribromophenol	15.94	330	1583	0.50	ng		0.00
15) 2-Fluorobiphenyl	13.10	172	18839	0.44	ng		0.00
25) Fluoranthene-d10	19.21	212	162378	0.44	ng		0.00
29) Terphenyl-d14	19.81	244	35444	0.47	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.38	88	3340	0.438	ng		97
3) n-Nitrosodimethylamine	3.68	42	3314	0.411	ng	#	97
6) bis(2-Chloroethyl)ether	7.27	93	6939	0.455	ng		99
9) Naphthalene	10.68	128	86910	0.444	ng		100
10) Hexachlorobutadiene	10.98	225	3874	0.456	ng		98
12) 2-Methylnaphthalene	12.30	142	15047	0.451	ng		99
16) Acenaphthylene	14.18	152	20600	0.403	ng		99
17) Acenaphthene	14.53	154	14238	0.431	ng		96
18) Fluorene	15.50	166	19911	0.454	ng		99
20) 4-Bromophenyl-phenylether	16.40	248	6377	0.434	ng	#	91
21) Hexachlorobenzene	16.50	284	6211	0.443	ng		99
22) Pentachlorophenol	16.85	266	1365	0.302	ng		98
23) Phenanthrene	17.23	178	35795	0.450	ng		99
24) Anthracene	17.32	178	30583	0.415	ng		99
26) Fluoranthene	19.25	202	46198	0.445	ng		100
28) Pyrene	19.60	202	46823	0.485	ng		100
30) Benzo(a)anthracene	21.34	228	48968	0.435	ng		98
31) Chrysene	21.39	228	50044	0.444	ng		98
32) Bis(2-ethylhexyl)phthalate	21.28	149	81779	0.347	ng		100
33) Indeno(1,2,3-cd)pyrene	26.42	276	58895	0.425	ng		100
35) Benzo(b)fluoranthene	23.06	252	49361	0.414	ng		98
36) Benzo(k)fluoranthene	23.11	252	54733	0.446	ng		98
37) Benzo(a)pyrene	23.71	252	45141	0.406	ng		98
38) Dibenzo(a,h)anthracene	26.45	278	47632	0.415	ng		99
39) Benzo(g,h,i)perylene	27.22	276	49674	0.430	ng		99

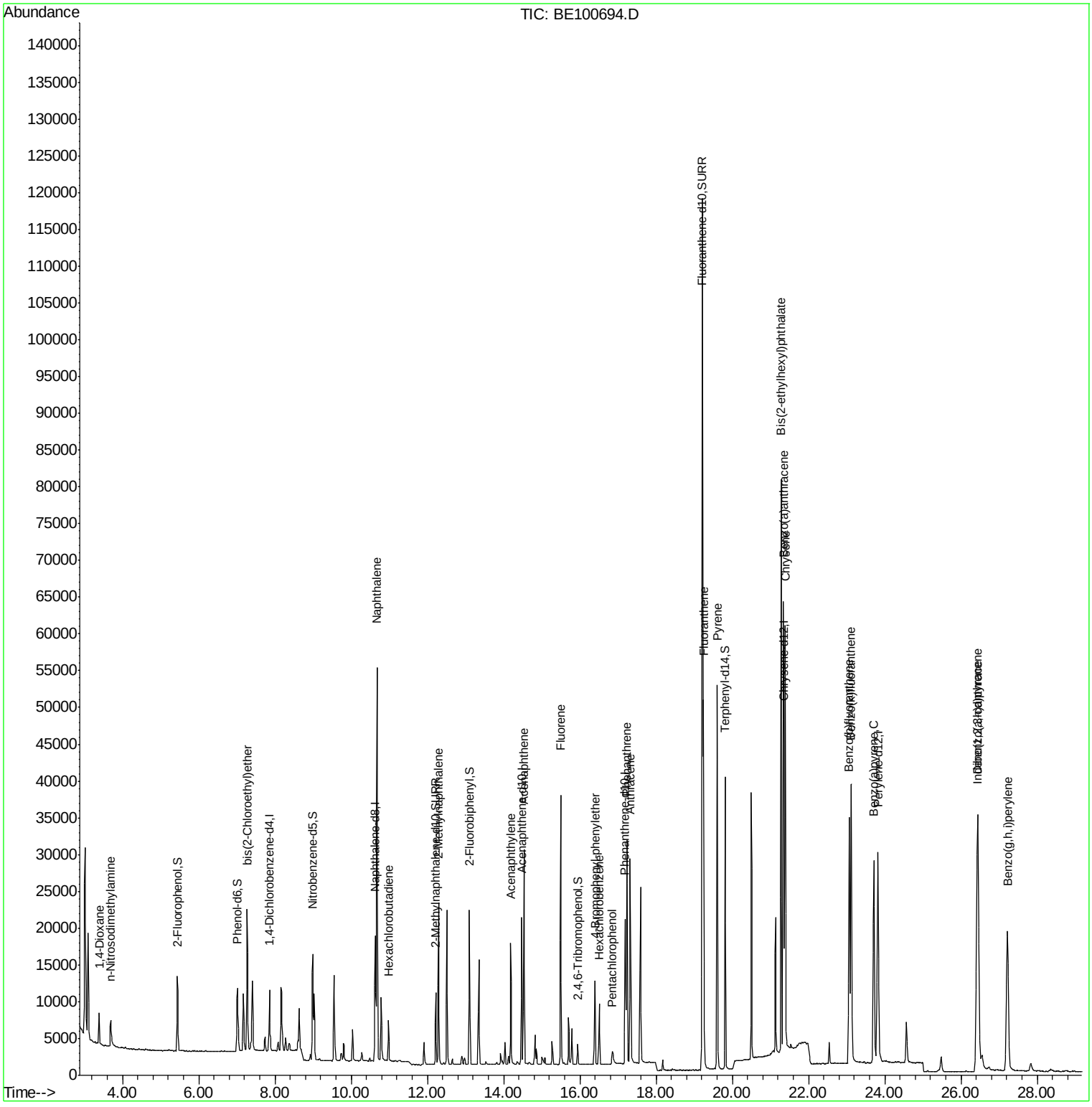
(#) = qualifier out of range (m) = manual integration (+) = signals summed

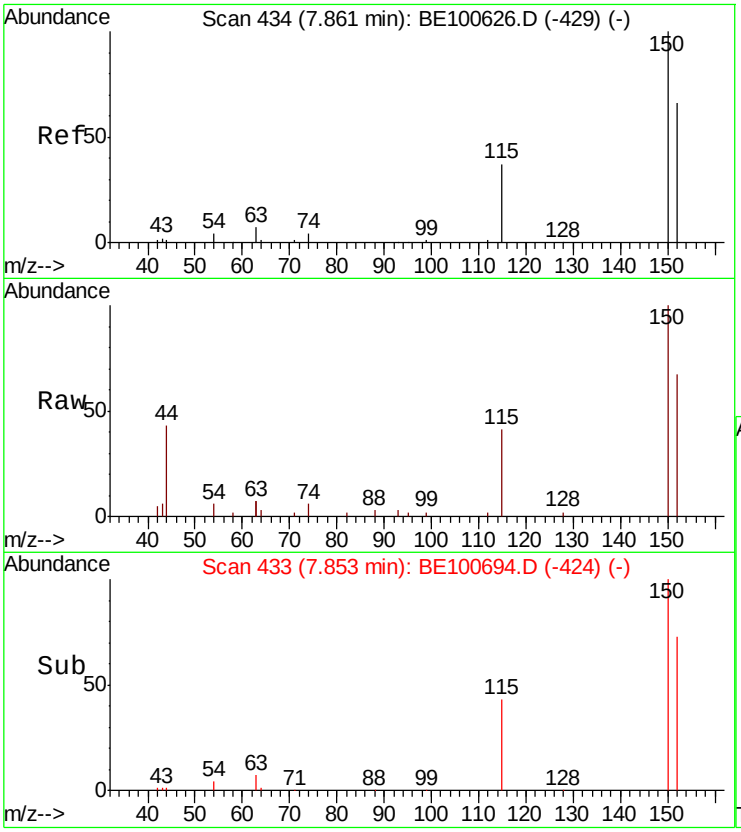
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE102919\
Data File : BE100694.D
Acq On : 29 Oct 2019 14:26
Operator : JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Oct 29 16:43:31 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



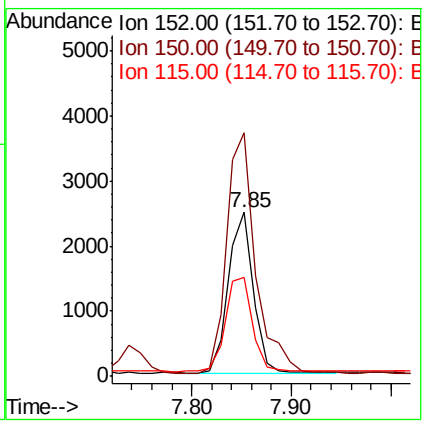


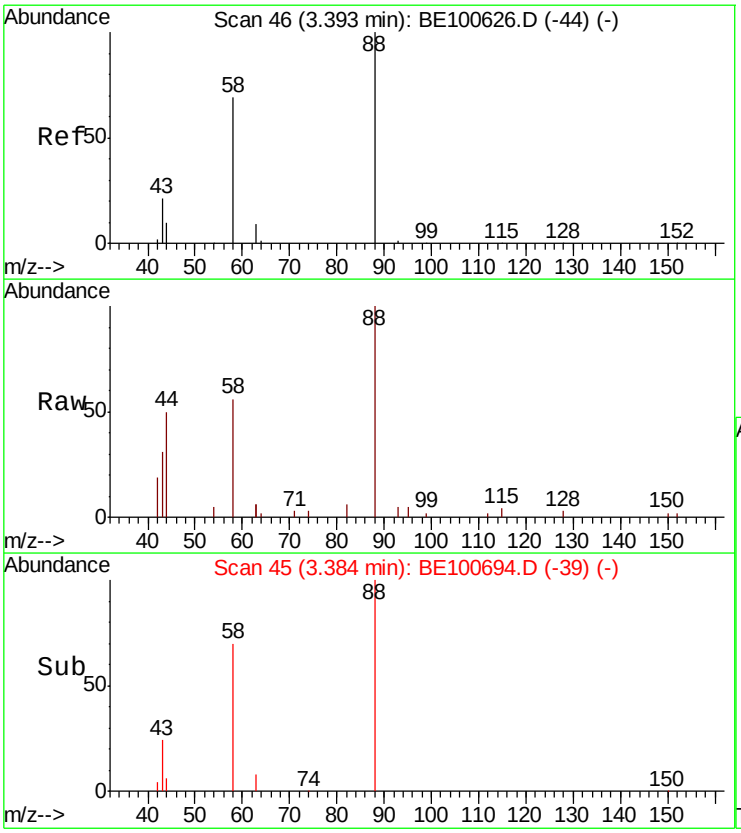
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.85 min Scan# 433
Delta R.T. 0.00 min
Lab File: BE100694.D
Acq: 29 Oct 2019 14:26

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 4269

Ion	Ratio	Lower	Upper
152	100		
150	148.3	123.3	184.9
115	60.3	51.9	77.9

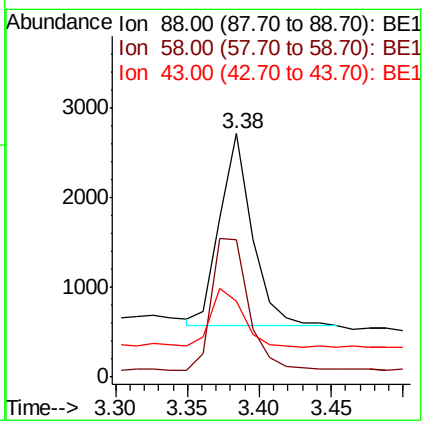


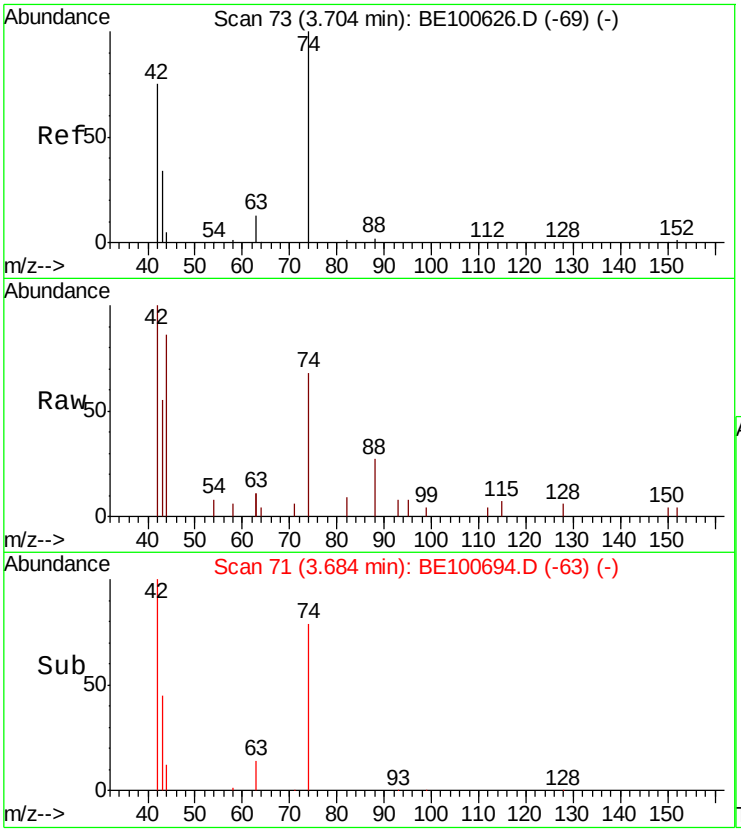


#2
1,4-Dioxane
Concen: 0.438 ng
RT: 3.38 min Scan# 45
Delta R.T. 0.00 min
Lab File: BE100694.D
Acq: 29 Oct 2019 14:26

Tgt Ion: 88 Resp: 3340

Ion	Ratio	Lower	Upper
88	100		
58	77.8	59.8	89.6
43	30.0	24.6	36.8



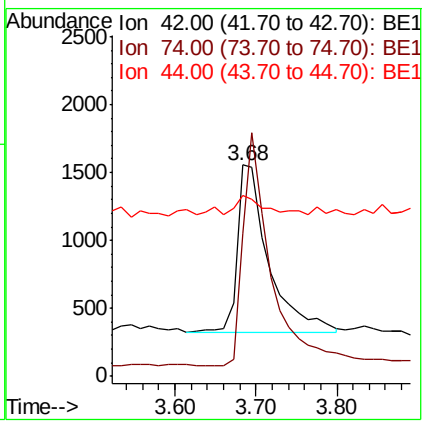


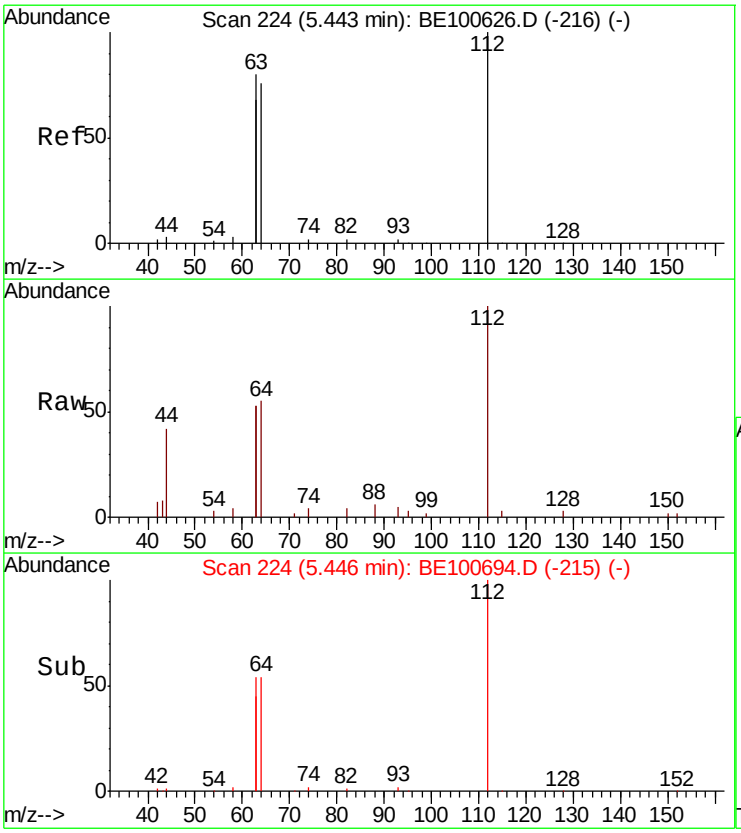
#3
n-Nitrosodimethylamine
Concen: 0.411 ng
RT: 3.68 min Scan# 71
Delta R.T. -0.01 min
Lab File: BE100694.D
Acq: 29 Oct 2019 14:26

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 42 Resp: 3314

Ion	Ratio	Lower	Upper
42	100		
74	122.1	97.2	145.8
44	11.8	16.6	24.8#

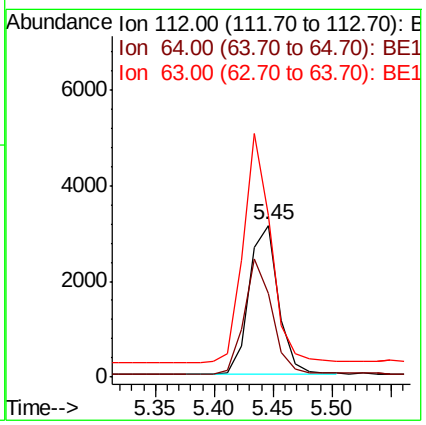


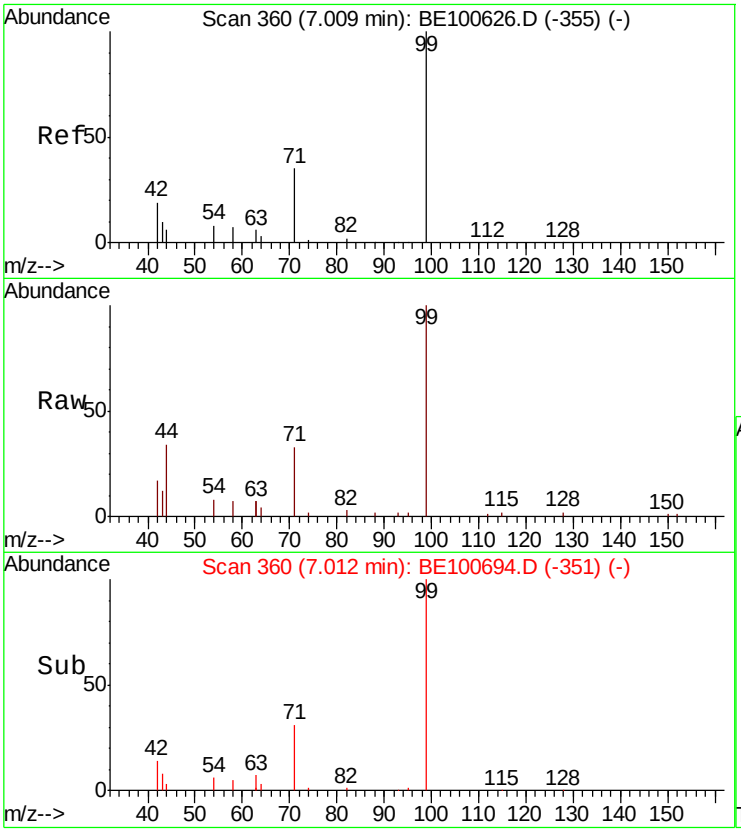


#4
2-Fluorophenol
Concen: 0.417 ng
RT: 5.45 min Scan# 224
Delta R.T. 0.00 min
Lab File: BE100694.D
Acq: 29 Oct 2019 14:26

Tgt Ion:112 Resp: 5494

Ion	Ratio	Lower	Upper
112	100		
64	72.0	55.4	83.2
63	143.0	114.2	171.4



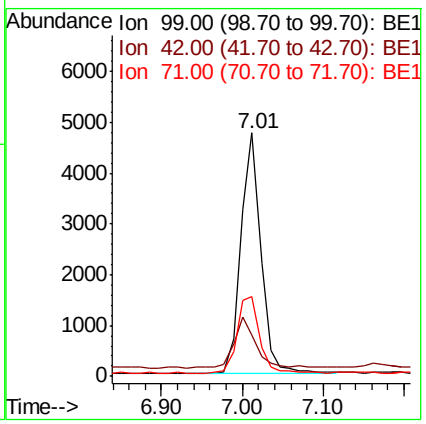


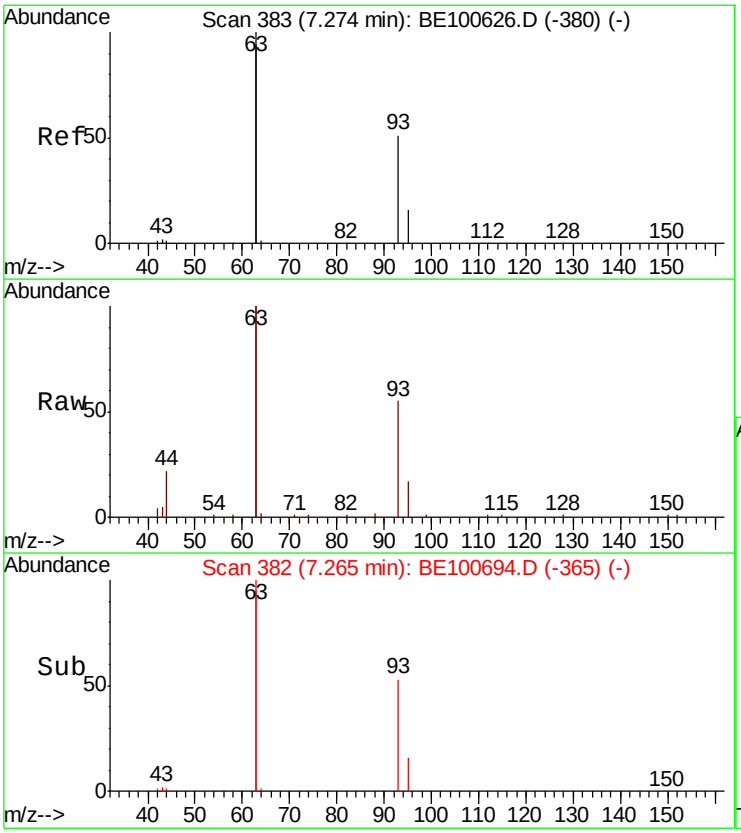
#5
Phenol-d6
Concen: 0.440 ng
RT: 7.01 min Scan# 360
Delta R.T. 0.00 min
Lab File: BE100694.D
Acq: 29 Oct 2019 14:26

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 99 Resp: 8186

Ion	Ratio	Lower	Upper
99	100		
42	22.2	17.7	26.5
71	35.0	27.4	41.0

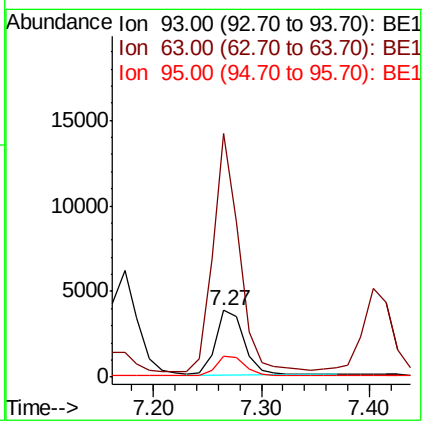


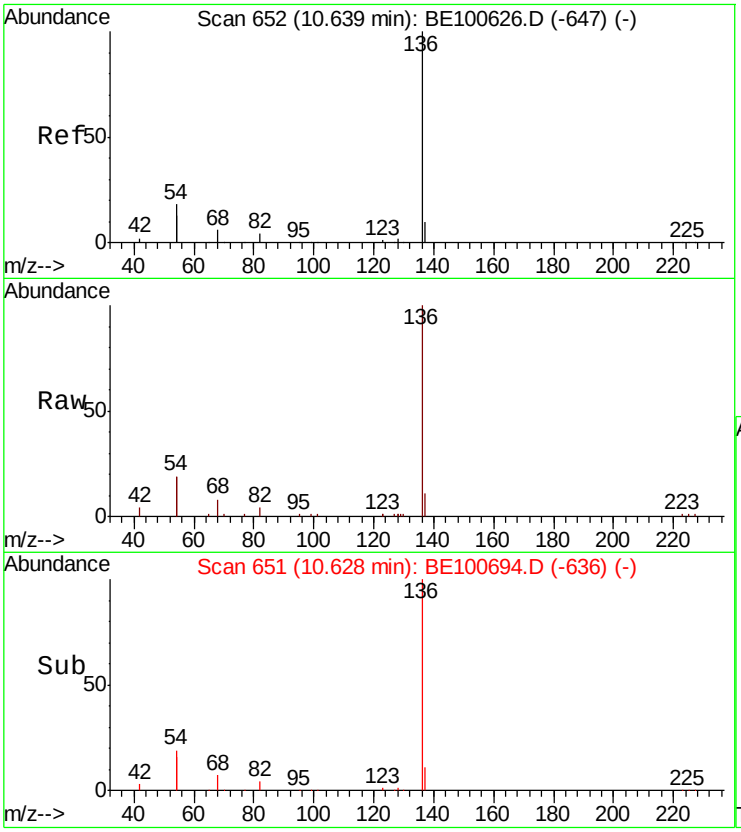


#6
bis(2-Chloroethyl)ether
Concen: 0.455 ng
RT: 7.27 min Scan# 382
Delta R.T. -0.01 min
Lab File: BE100694.D
Acq: 29 Oct 2019 14:26

Tgt Ion: 93 Resp: 6939

Ion	Ratio	Lower	Upper
93	100		
63	333.7	268.8	403.2
95	31.3	25.6	38.4



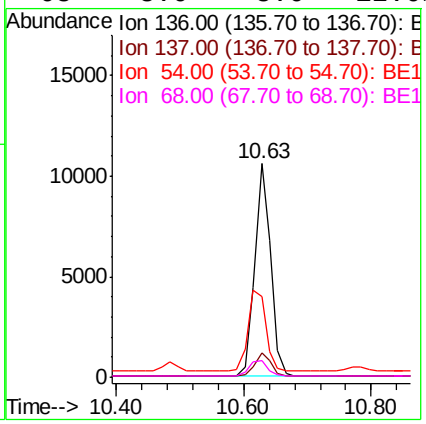


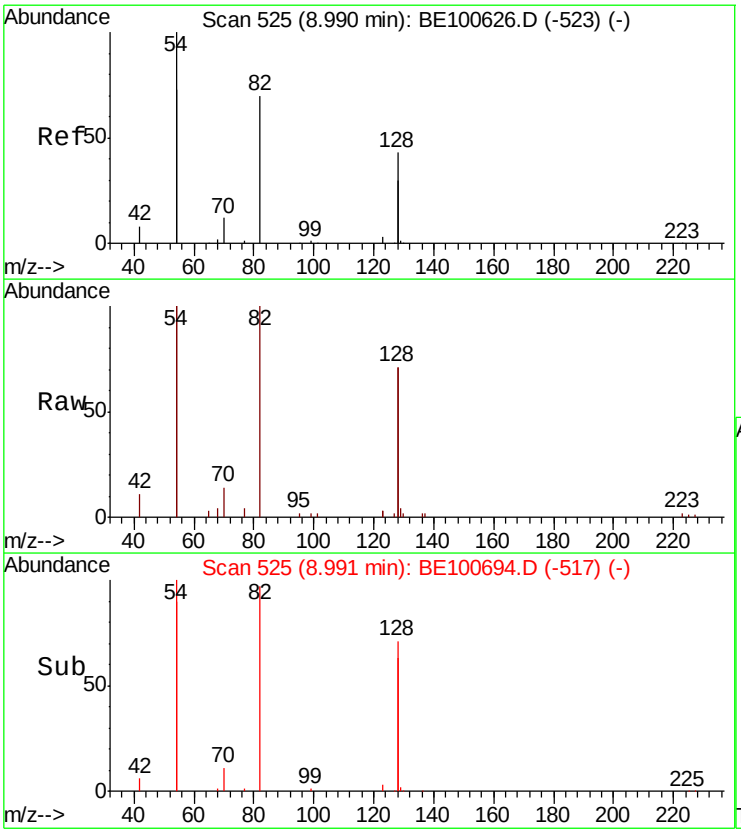
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.63 min Scan# 651
Delta R.T. -0.00 min
Lab File: BE100694.D
Acq: 29 Oct 2019 14:26

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:136 Resp: 18615

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.2	13.8
54	37.8	39.4	59.2#
68	8.0	8.0	12.0#

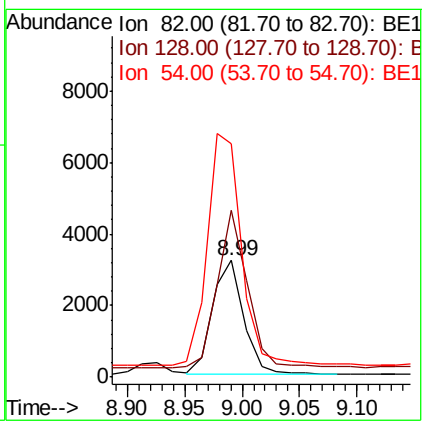


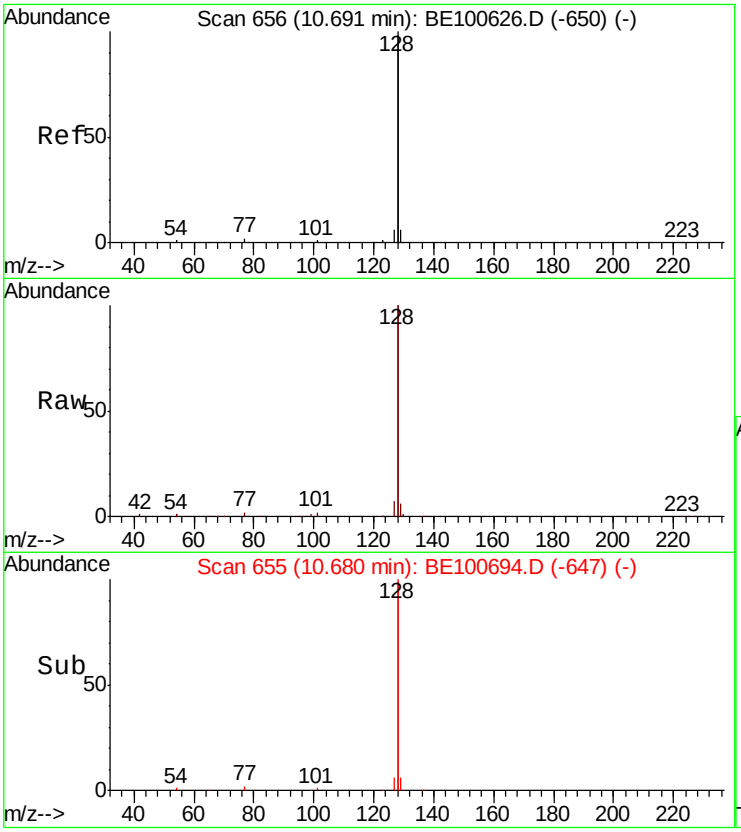


#8
Nitrobenzene-d5
Concen: 0.517 ng
RT: 8.99 min Scan# 525
Delta R.T. -0.00 min
Lab File: BE100694.D
Acq: 29 Oct 2019 14:26

Tgt Ion: 82 Resp: 5967

Ion	Ratio	Lower	Upper
82	100		
128	142.6	107.8	161.8
54	200.2	166.1	249.1



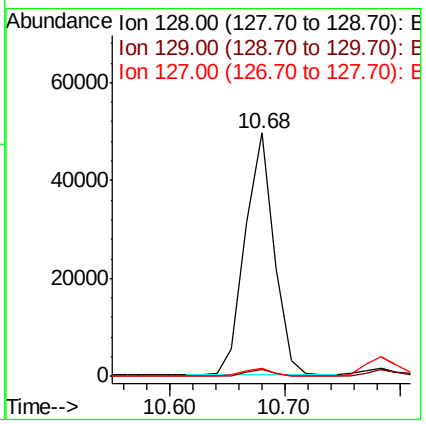


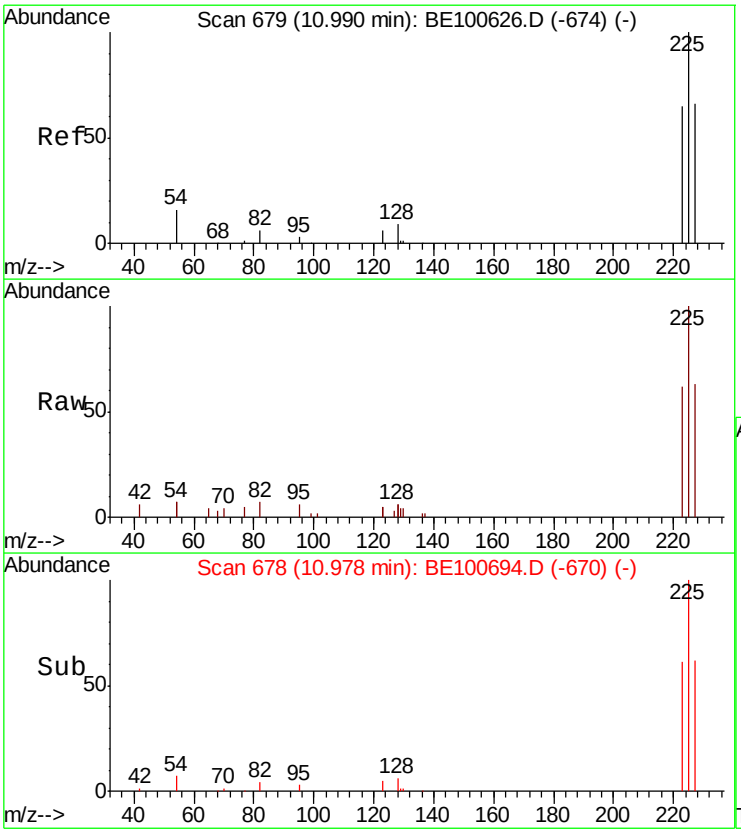
#9
Naphthalene
Concen: 0.444 ng
RT: 10.68 min Scan# 655
Delta R.T. -0.00 min
Lab File: BE100694.D
Acq: 29 Oct 2019 14:26

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:128 Resp: 86910

Ion	Ratio	Lower	Upper
128	100		
129	2.9	2.3	3.5
127	3.3	2.7	4.1

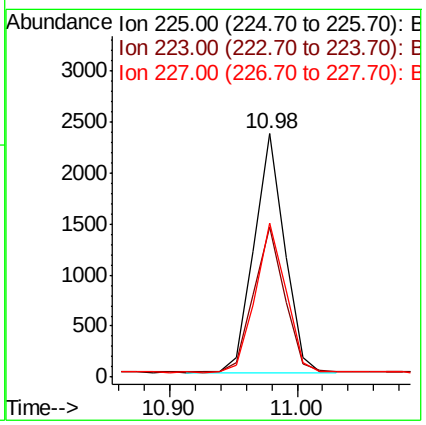


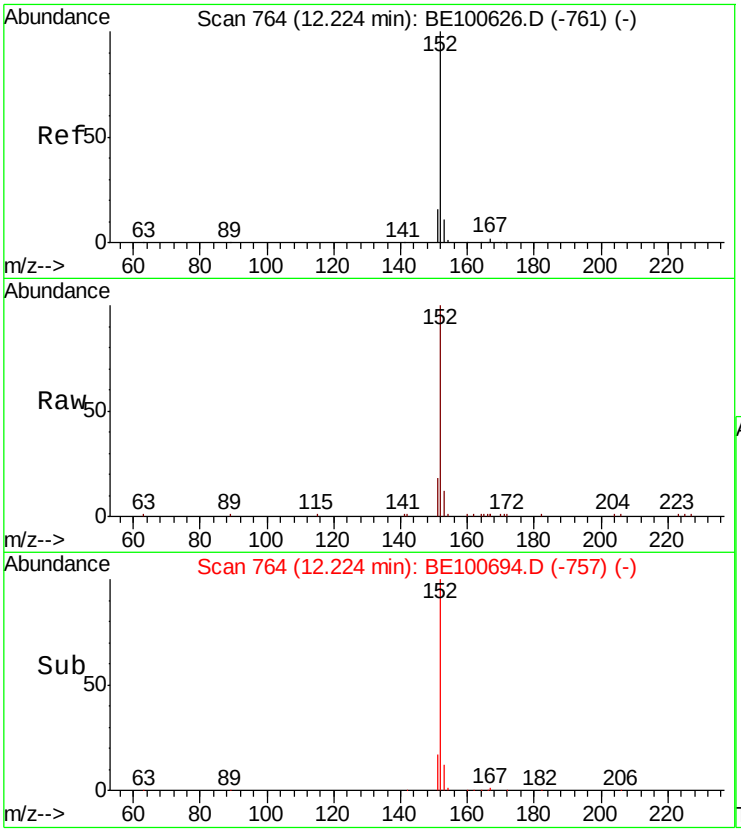


#10
Hexachlorobutadiene
Concen: 0.456 ng
RT: 10.98 min Scan# 678
Delta R.T. -0.00 min
Lab File: BE100694.D
Acq: 29 Oct 2019 14:26

Tgt Ion:225 Resp: 3874

Ion	Ratio	Lower	Upper
225	100		
223	61.5	48.6	72.8
227	62.3	51.6	77.4



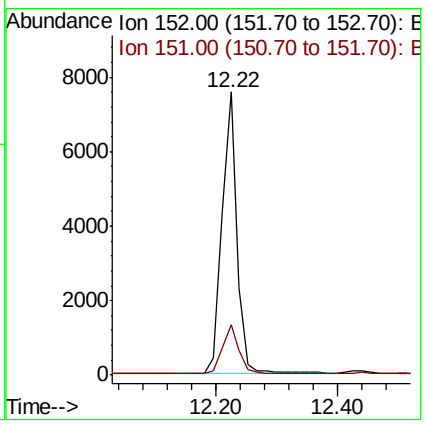


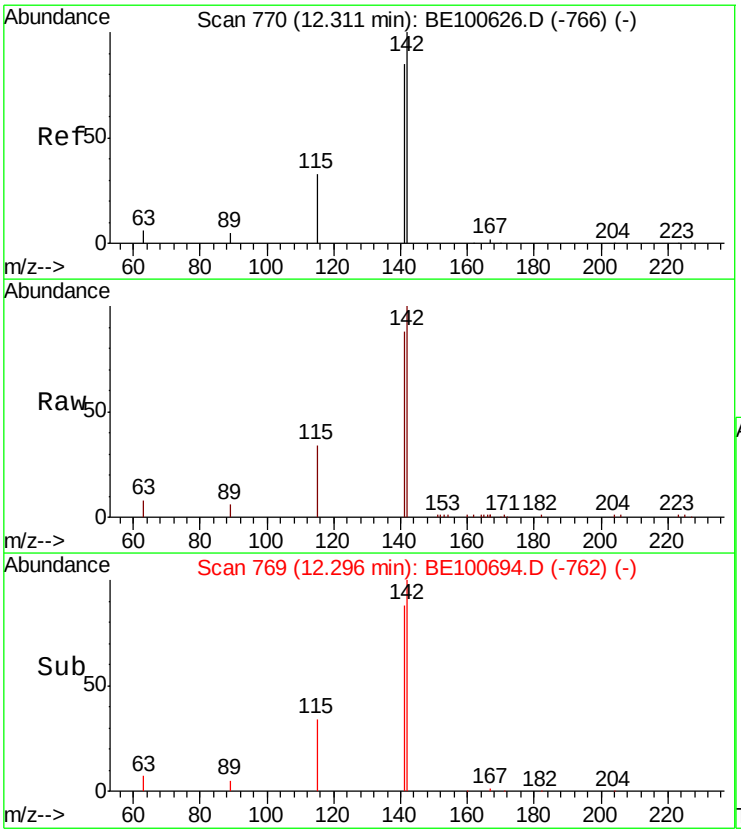
#11
2-Methylnaphthalene-d10
Concen: 0.447 ng
RT: 12.22 min Scan# 764
Delta R.T. -0.00 min
Lab File: BE100694.D
Acq: 29 Oct 2019 14:26

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 13113

Ion	Ratio	Lower	Upper
152	100		
151	18.8	14.7	22.1

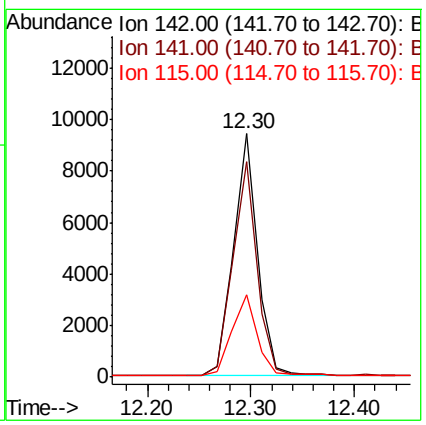


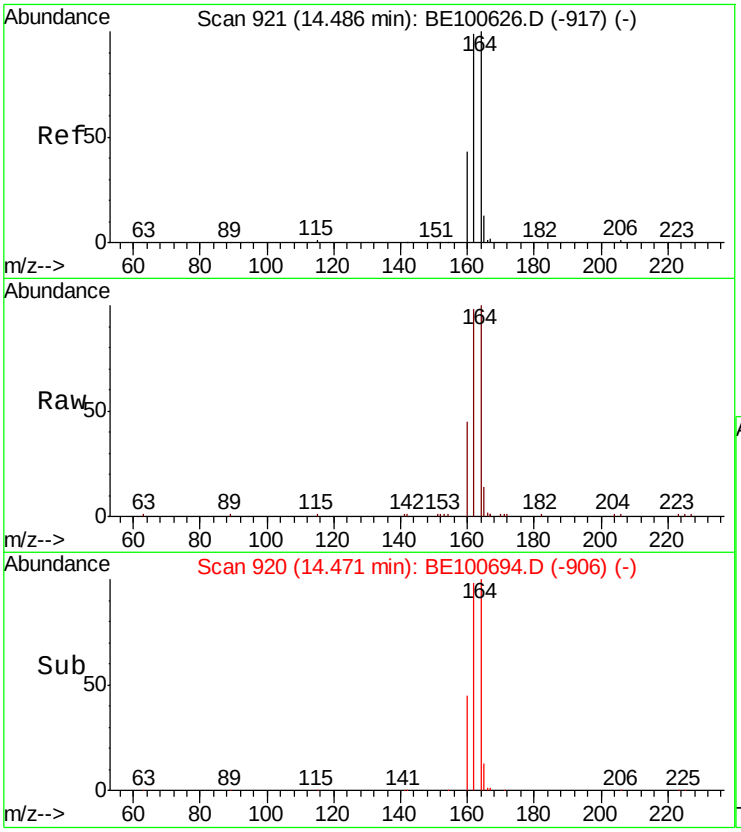


#12
2-Methylnaphthalene
Concen: 0.451 ng
RT: 12.30 min Scan# 769
Delta R.T. -0.00 min
Lab File: BE100694.D
Acq: 29 Oct 2019 14:26

Tgt Ion:142 Resp: 15047

Ion	Ratio	Lower	Upper
142	100		
141	88.5	70.1	105.1
115	34.0	28.3	42.5



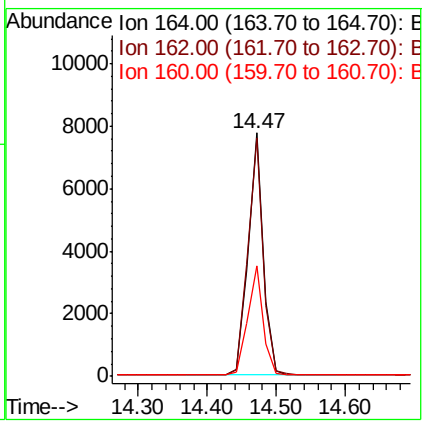


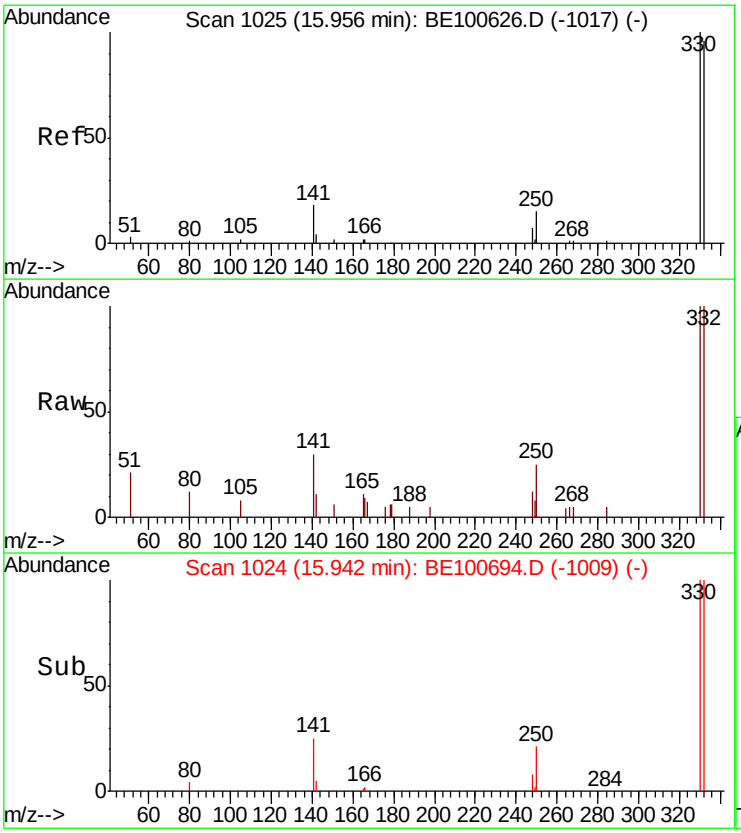
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.47 min Scan# 920
Delta R.T. -0.00 min
Lab File: BE100694.D
Acq: 29 Oct 2019 14:26

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:164 Resp: 11879

Ion	Ratio	Lower	Upper
164	100		
162	98.0	82.0	123.0
160	45.4	37.5	56.3

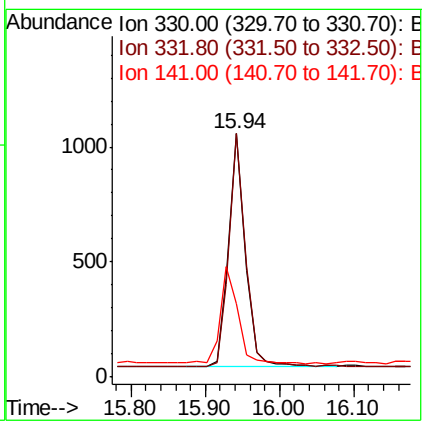


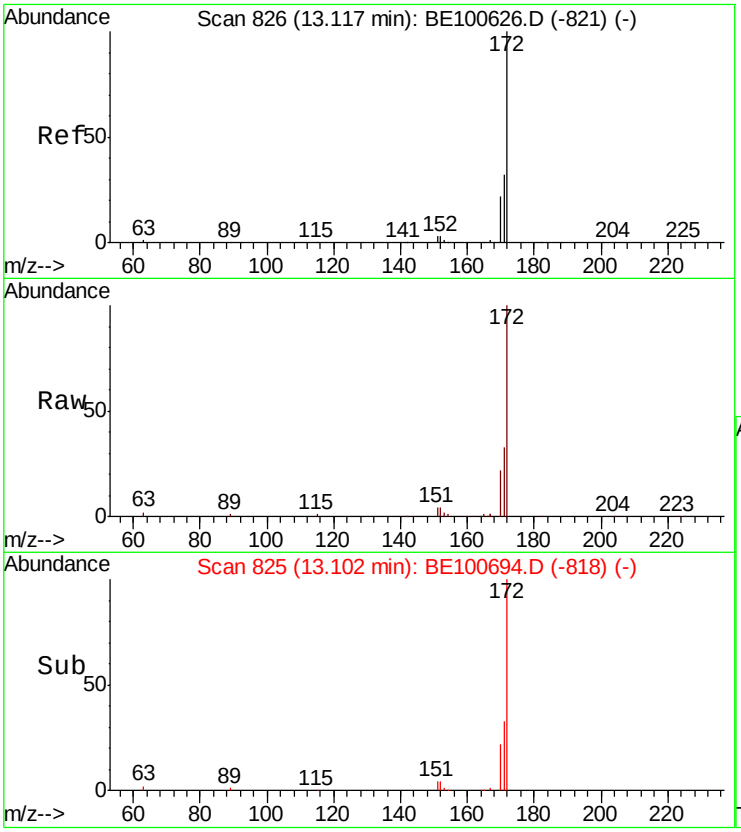


#14
2,4,6-Tribromophenol
Concen: 0.504 ng
RT: 15.94 min Scan# 1024
Delta R.T. -0.00 min
Lab File: BE100694.D
Acq: 29 Oct 2019 14:26

Tgt Ion:330 Resp: 1583

Ion	Ratio	Lower	Upper
330	100		
332	100.2	77.9	116.9
141	43.7	33.0	49.6



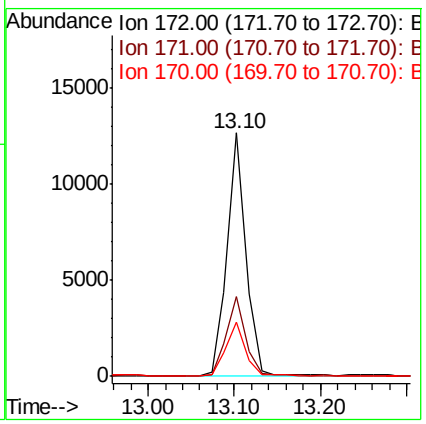


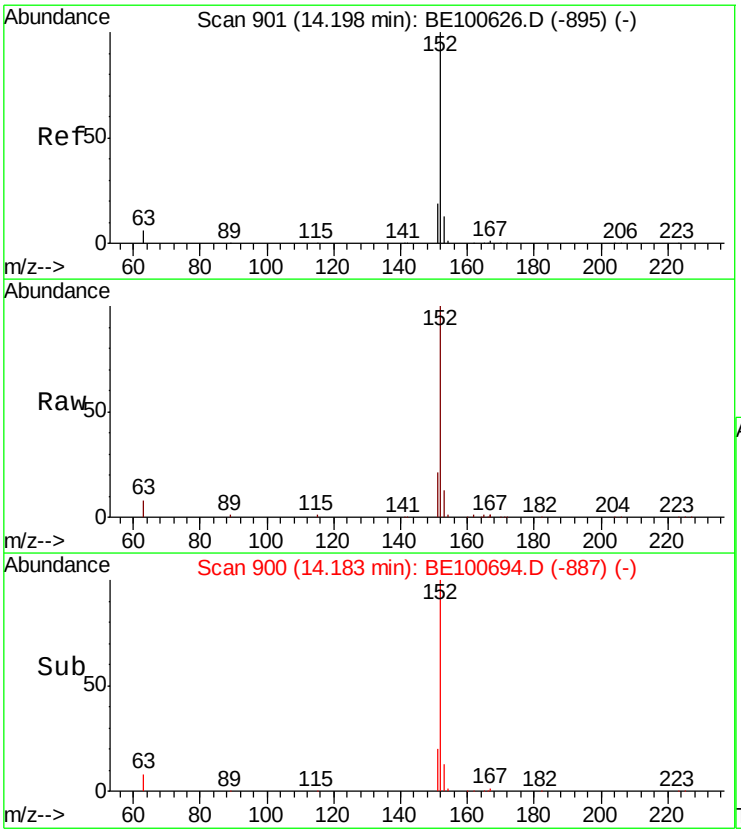
#15
2-Fluorobiphenyl
Concen: 0.435 ng
RT: 13.10 min Scan# 825
Delta R.T. -0.00 min
Lab File: BE100694.D
Acq: 29 Oct 2019 14:26

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:172 Resp: 18839

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

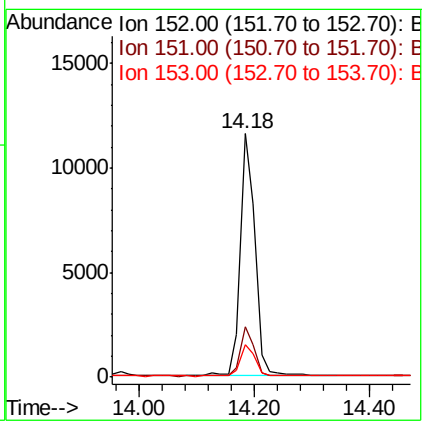


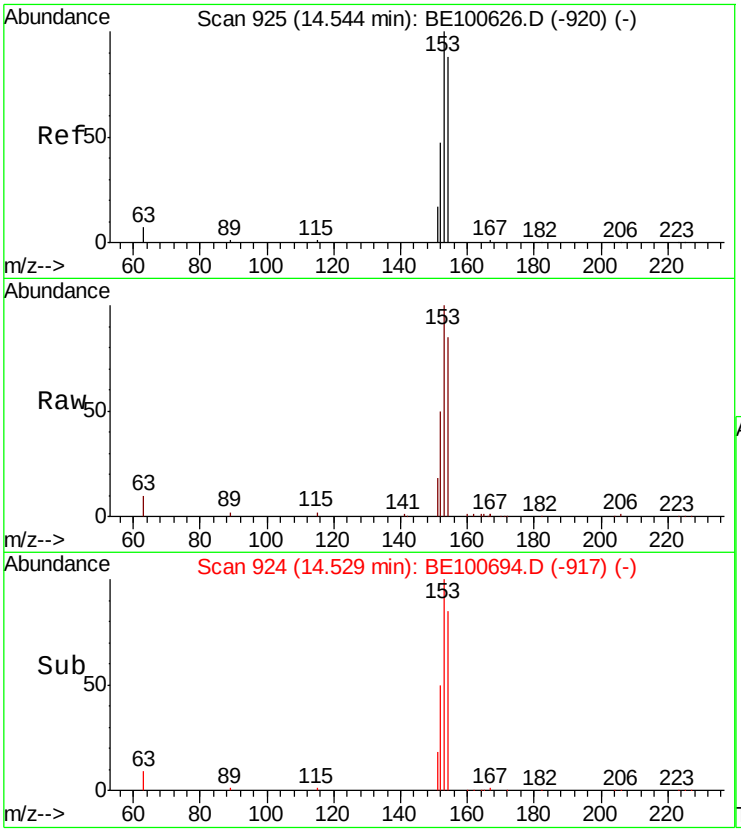


#16
Acenaphthylene
Concen: 0.403 ng
RT: 14.18 min Scan# 900
Delta R.T. -0.01 min
Lab File: BE100694.D
Acq: 29 Oct 2019 14:26

Tgt Ion:152 Resp: 20600

Ion	Ratio	Lower	Upper
152	100		
151	19.6	15.2	22.8
153	13.3	10.3	15.5



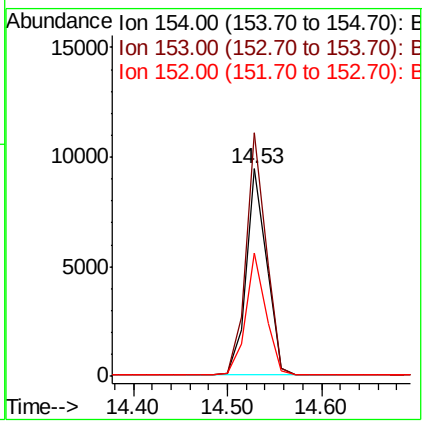


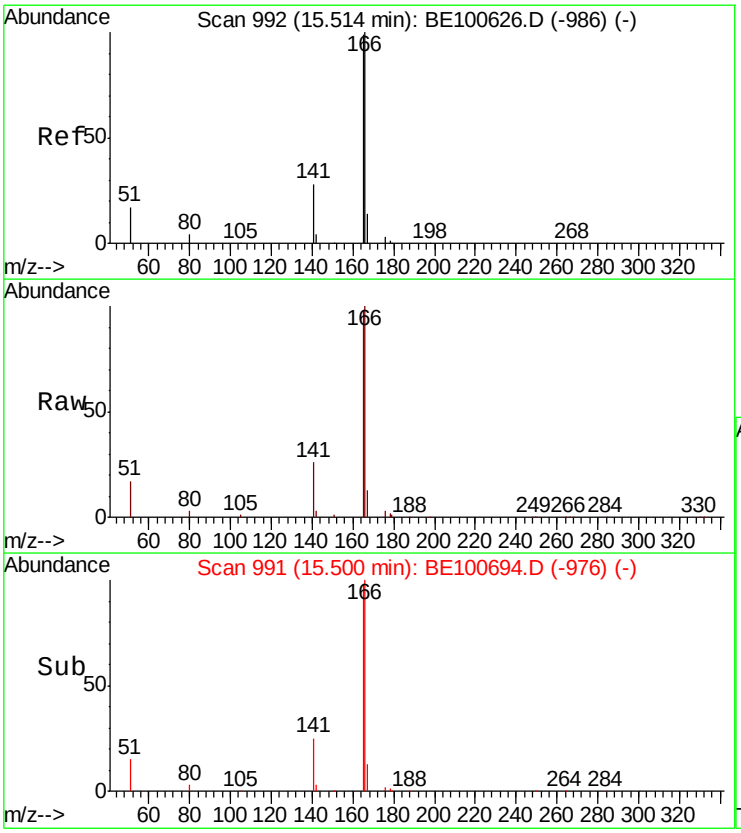
#17
Acenaphthene
Concen: 0.431 ng
RT: 14.53 min Scan# 924
Delta R.T. -0.00 min
Lab File: BE100694.D
Acq: 29 Oct 2019 14:26

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:154 Resp: 14238

Ion	Ratio	Lower	Upper
154	100		
153	116.6	89.4	134.2
152	58.2	44.1	66.1

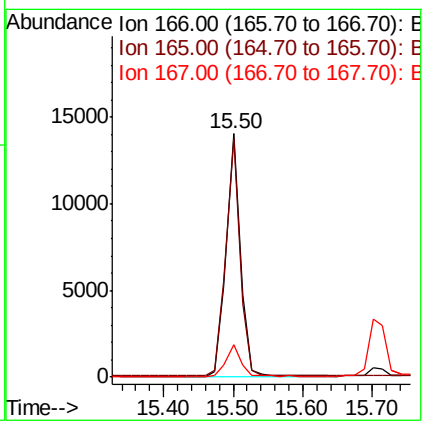


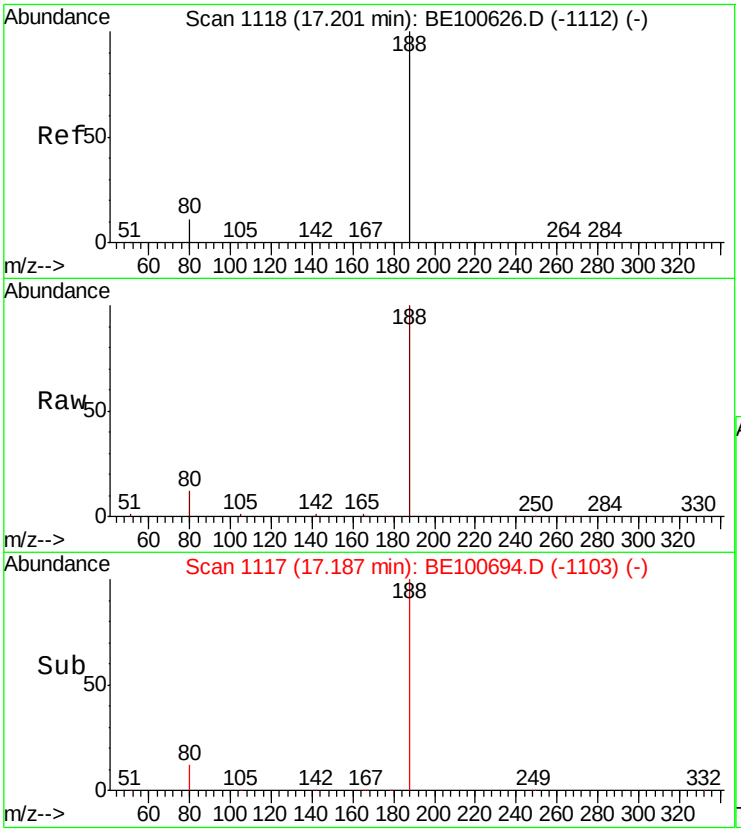


#18
Fluorene
Concen: 0.454 ng
RT: 15.50 min Scan# 991
Delta R.T. -0.00 min
Lab File: BE100694.D
Acq: 29 Oct 2019 14:26

Tgt Ion:166 Resp: 19911

Ion	Ratio	Lower	Upper
166	100		
165	97.6	78.6	117.8
167	13.0	10.9	16.3



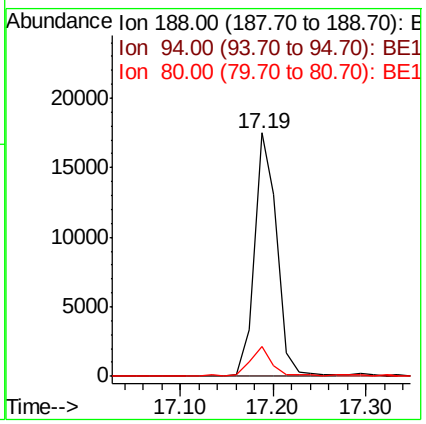


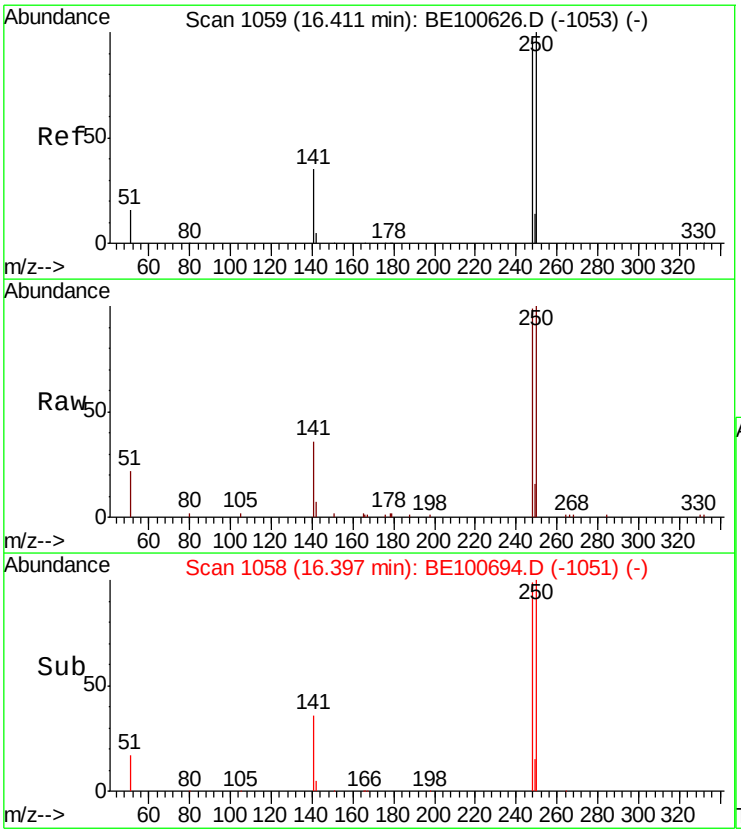
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.19 min Scan# 1117
Delta R.T. -0.01 min
Lab File: BE100694.D
Acq: 29 Oct 2019 14:26

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:188 Resp: 28895

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	12.4	5.4	8.0#

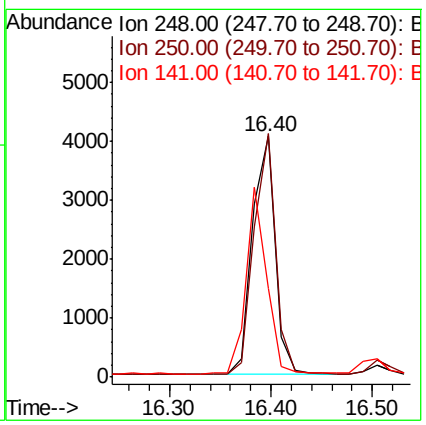


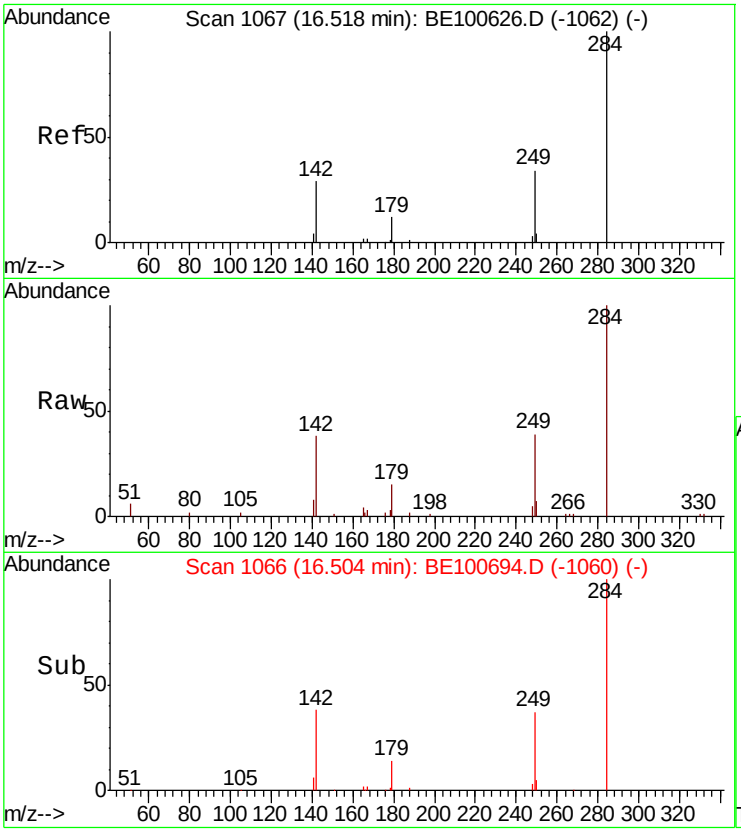


#20
4-Bromophenyl-phenylether
Concen: 0.434 ng
RT: 16.40 min Scan# 1058
Delta R.T. -0.00 min
Lab File: BE100694.D
Acq: 29 Oct 2019 14:26

Tgt Ion:248 Resp: 6377

Ion	Ratio	Lower	Upper
248	100		
250	101.2	76.3	114.5
141	36.9	37.3	55.9#



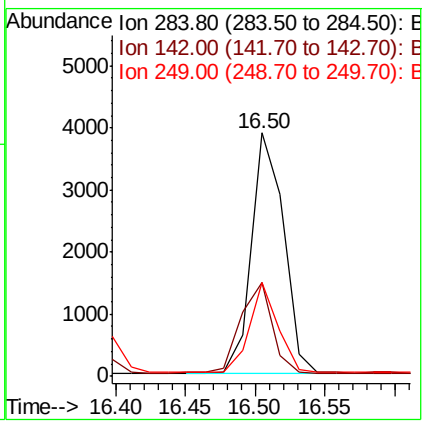


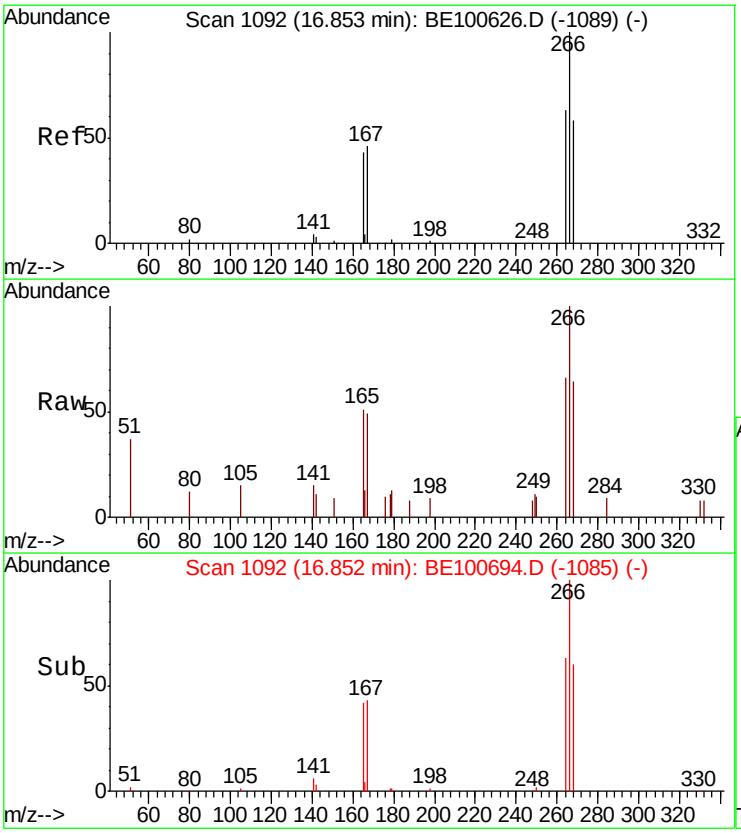
#21
Hexachlorobenzene
Concen: 0.443 ng
RT: 16.50 min Scan# 1066
Delta R.T. -0.01 min
Lab File: BE100694.D
Acq: 29 Oct 2019 14:26

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:284 Resp: 6211

Ion	Ratio	Lower	Upper
284	100		
142	36.2	28.6	42.8
249	33.3	26.3	39.5

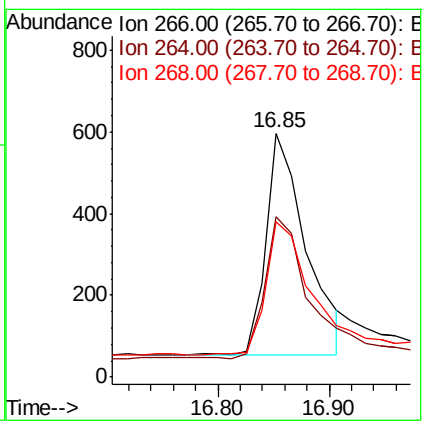


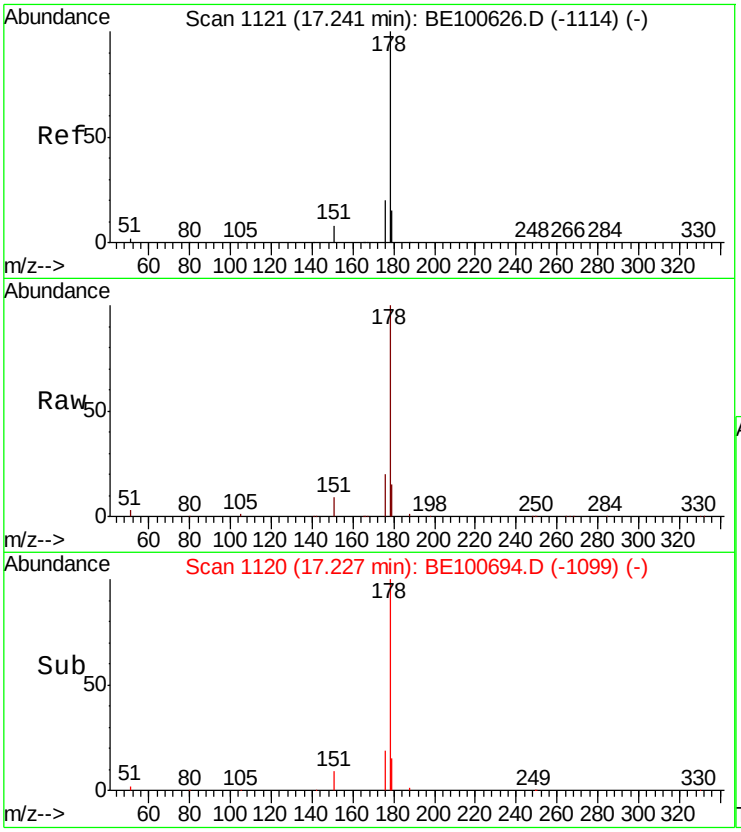


#22
Pentachlorophenol
Concen: 0.302 ng
RT: 16.85 min Scan# 1092
Delta R.T. -0.00 min
Lab File: BE100694.D
Acq: 29 Oct 2019 14:26

Tgt Ion:266 Resp: 1365

Ion	Ratio	Lower	Upper
266	100		
264	65.8	52.2	78.4
268	63.9	53.1	79.7



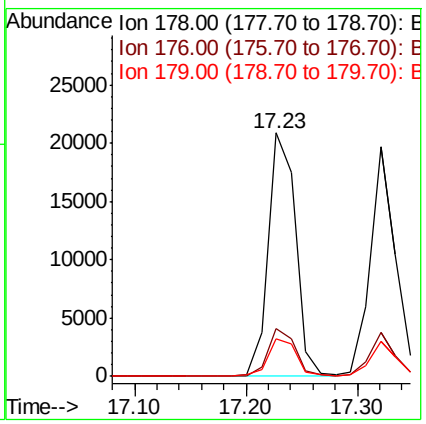


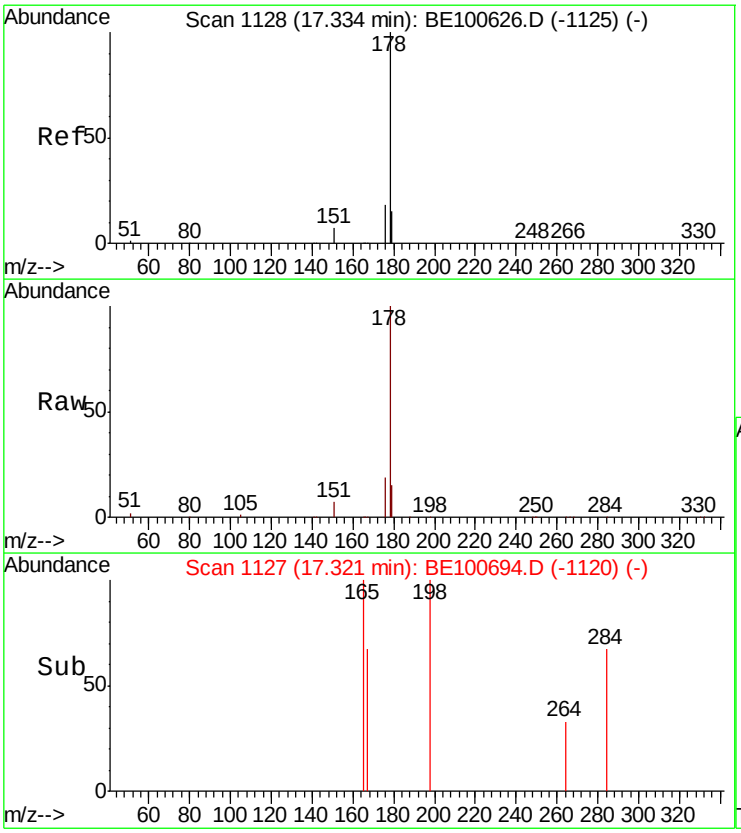
#23
Phenanthrene
Concen: 0.450 ng
RT: 17.23 min Scan# 1120
Delta R.T. -0.01 min
Lab File: BE100694.D
Acq: 29 Oct 2019 14:26

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 35795

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.2	22.8
179	15.4	12.1	18.1

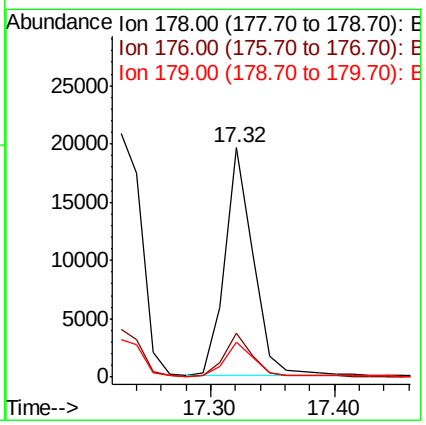


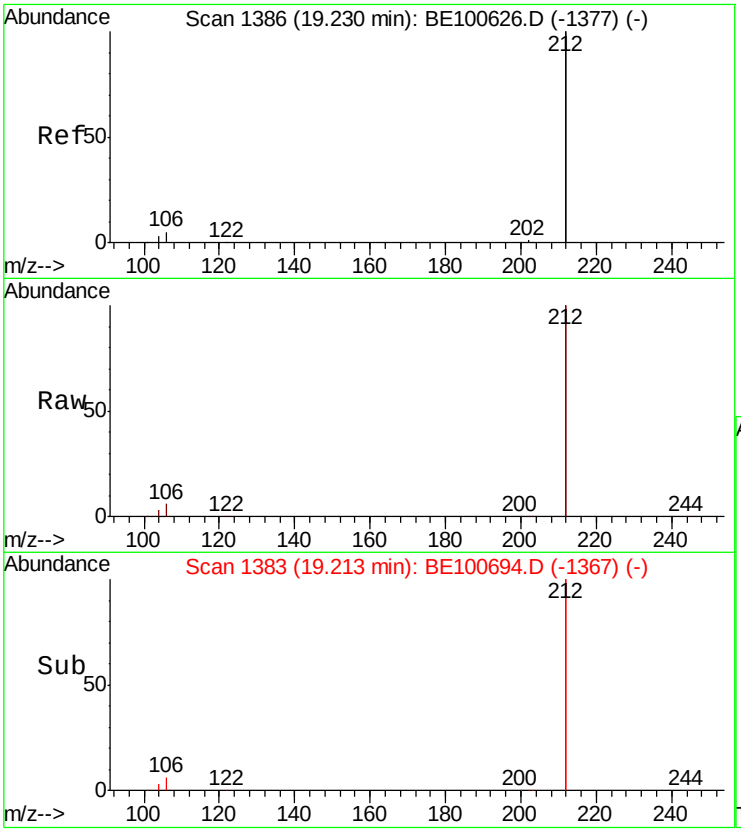


#24
Anthracene
Concen: 0.415 ng
RT: 17.32 min Scan# 1127
Delta R.T. -0.00 min
Lab File: BE100694.D
Acq: 29 Oct 2019 14:26

Tgt Ion:178 Resp: 30583

Ion	Ratio	Lower	Upper
178	100		
176	18.5	15.0	22.4
179	15.3	12.5	18.7



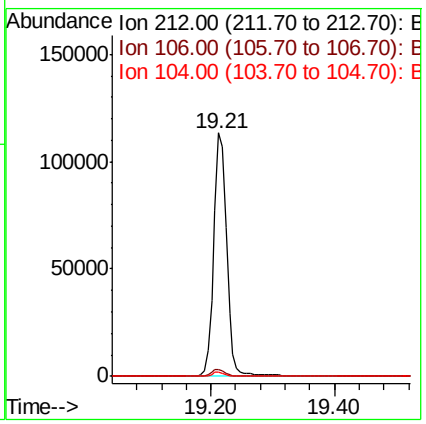


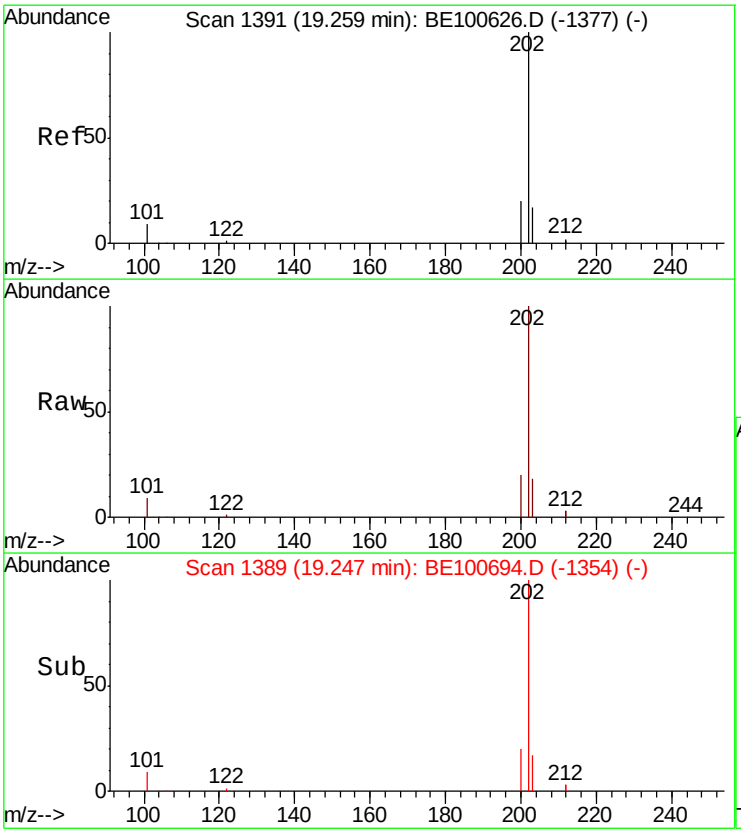
#25
Fluoranthene-d10
Concen: 0.435 ng
RT: 19.21 min Scan# 1383
Delta R.T. -0.01 min
Lab File: BE100694.D
Acq: 29 Oct 2019 14:26

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:212 Resp: 162378

Ion	Ratio	Lower	Upper
212	100		
106	2.8	2.3	3.5
104	1.6	1.3	1.9

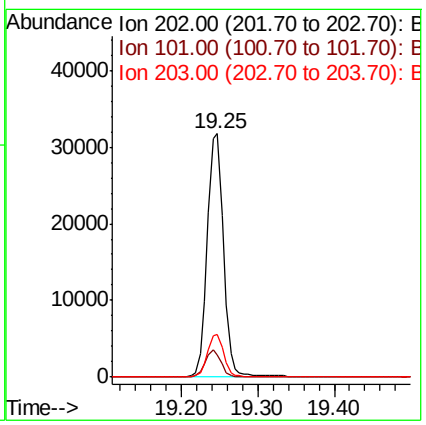


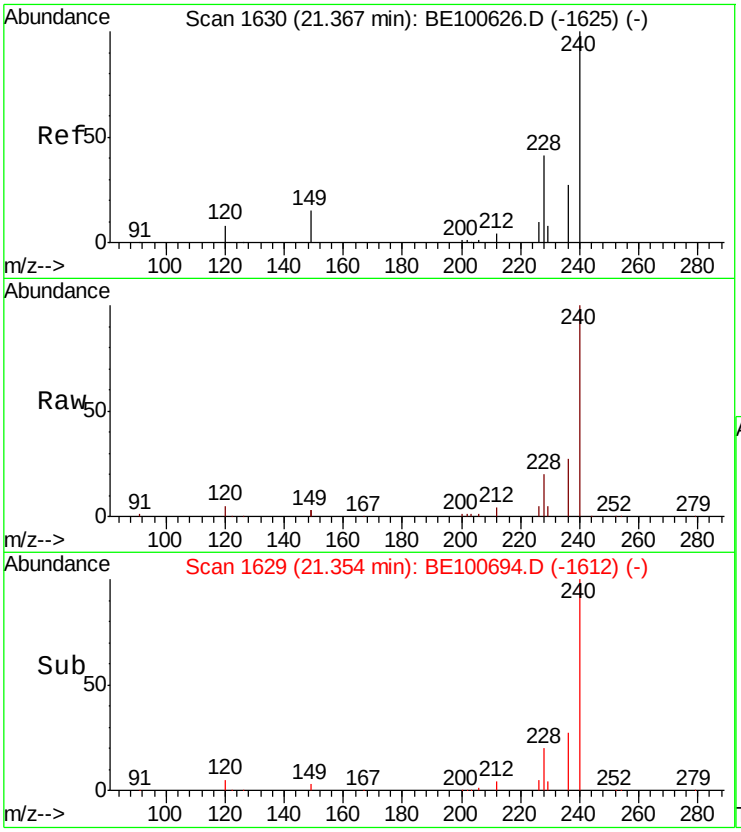


#26
Fluoranthene
Concen: 0.445 ng
RT: 19.25 min Scan# 1389
Delta R.T. -0.00 min
Lab File: BE100694.D
Acq: 29 Oct 2019 14:26

Tgt Ion:202 Resp: 46198

Ion	Ratio	Lower	Upper
202	100		
101	10.7	8.5	12.7
203	17.3	13.8	20.8



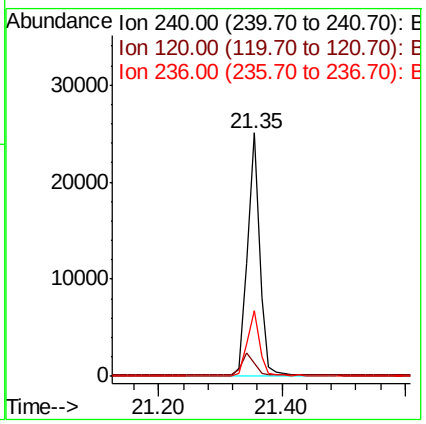


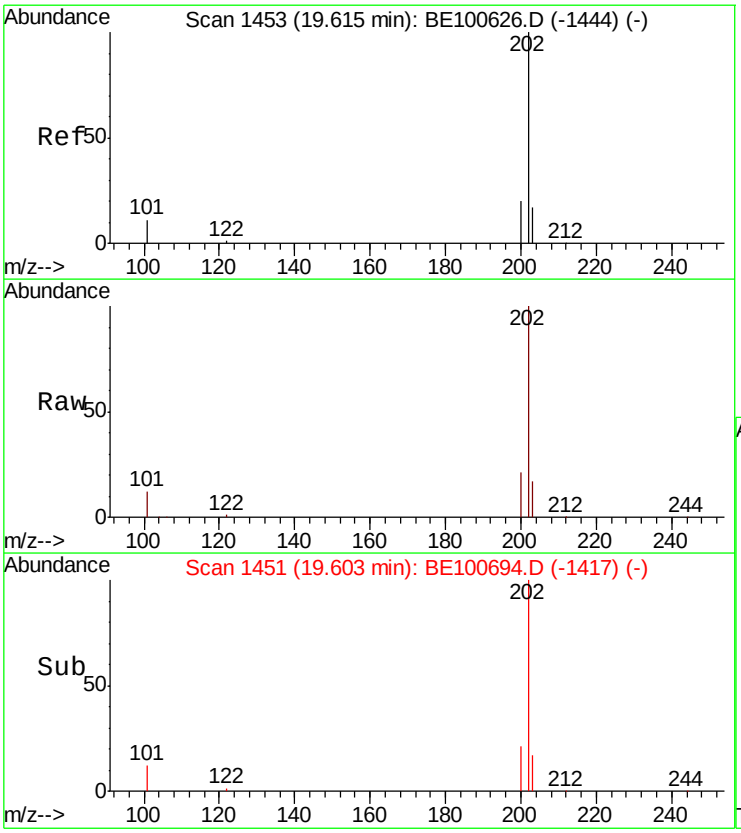
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.35 min Scan# 1629
Delta R.T. 0.00 min
Lab File: BE100694.D
Acq: 29 Oct 2019 14:26

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:240 Resp: 34548

Ion	Ratio	Lower	Upper
240	100		
120	5.4	7.6	11.4#
236	26.8	22.1	33.1

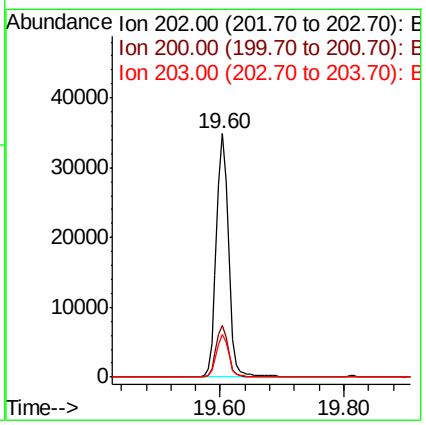


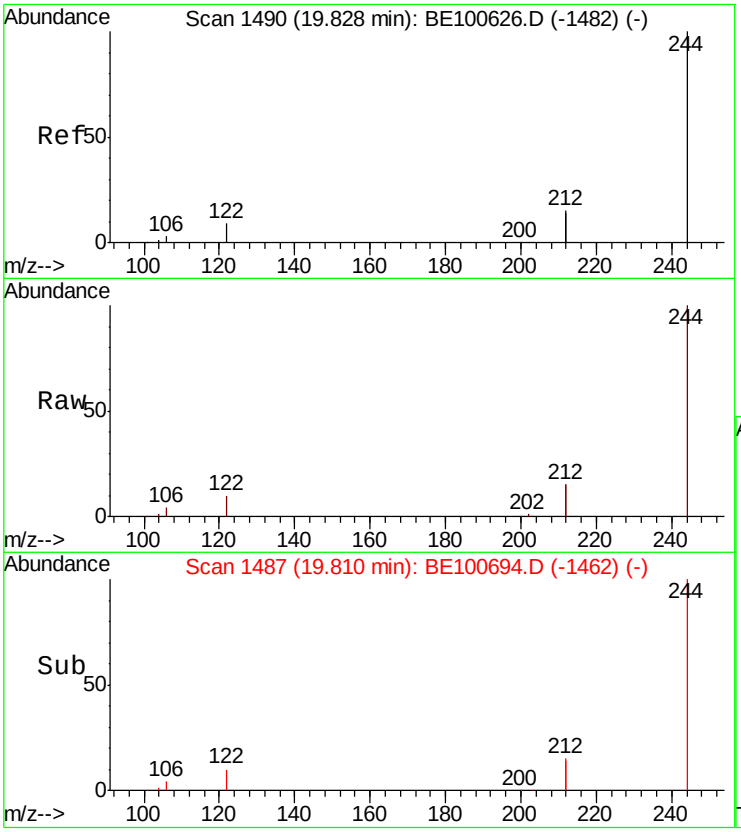


#28
Pyrene
Concen: 0.485 ng
RT: 19.60 min Scan# 1451
Delta R.T. -0.01 min
Lab File: BE100694.D
Acq: 29 Oct 2019 14:26

Tgt Ion:202 Resp: 46823

Ion	Ratio	Lower	Upper
202	100		
200	20.8	16.7	25.1
203	17.4	14.0	21.0



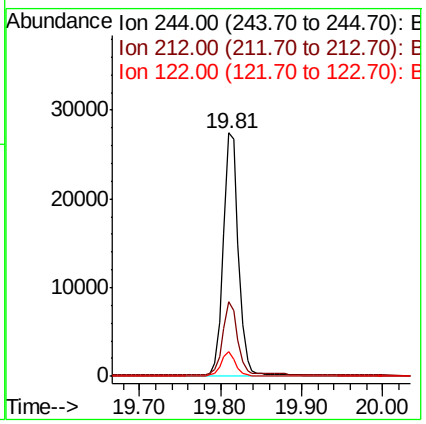


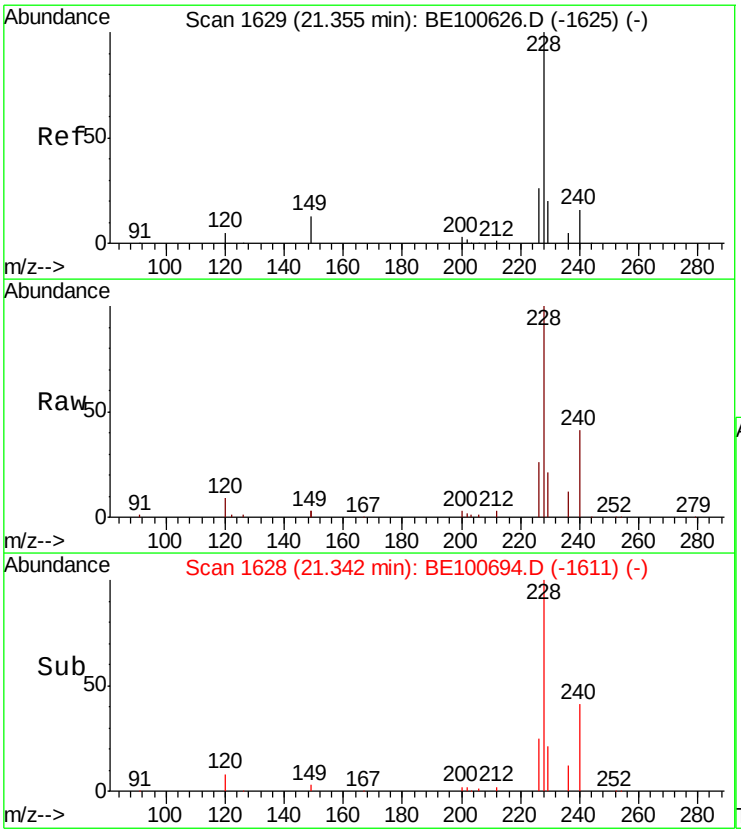
#29
Terphenyl-d14
Concen: 0.469 ng
RT: 19.81 min Scan# 1487
Delta R.T. -0.01 min
Lab File: BE100694.D
Acq: 29 Oct 2019 14:26

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:244 Resp: 35444

Ion	Ratio	Lower	Upper
244	100		
212	30.7	23.7	35.5
122	10.4	7.9	11.9

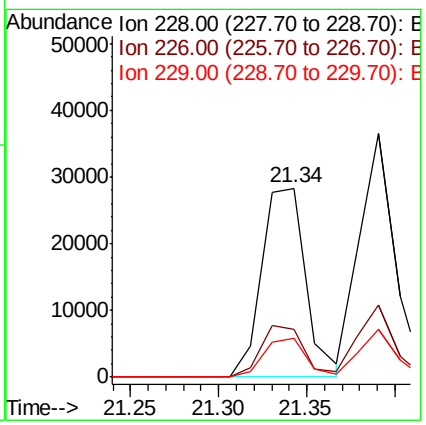


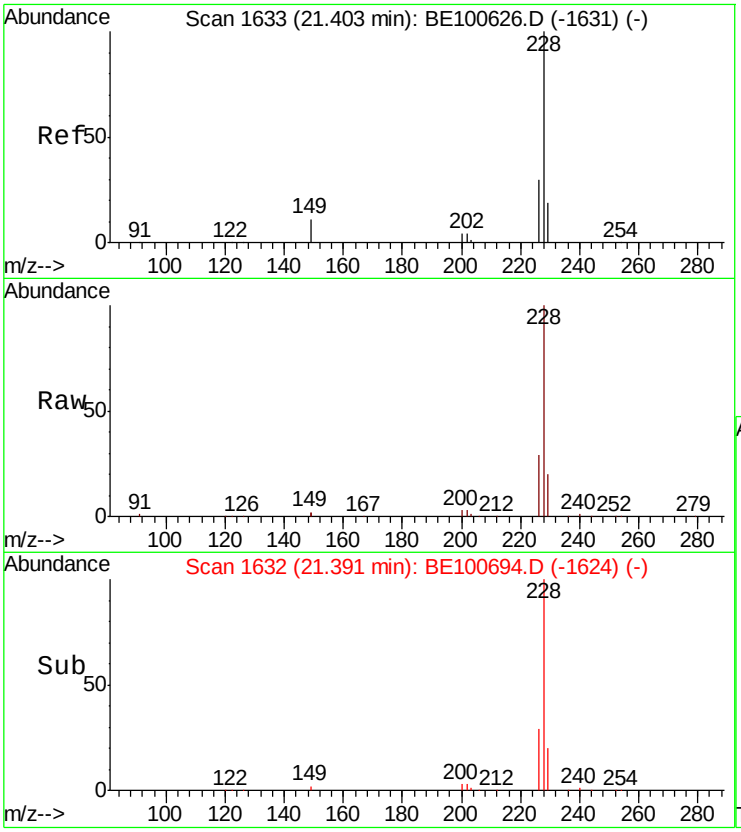


#30
Benzo(a)anthracene
Concen: 0.435 ng
RT: 21.34 min Scan# 1628
Delta R.T. 0.00 min
Lab File: BE100694.D
Acq: 29 Oct 2019 14:26

Tgt Ion:228 Resp: 48968

Ion	Ratio	Lower	Upper
228	100		
226	25.7	21.4	32.0
229	20.7	16.0	24.0



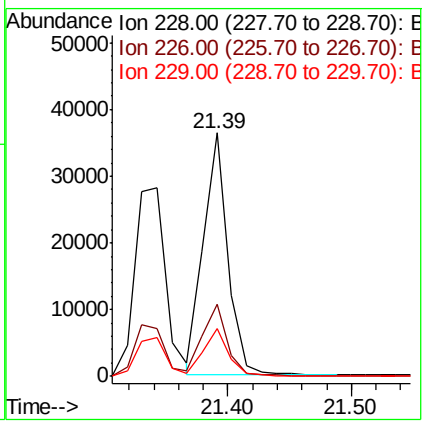


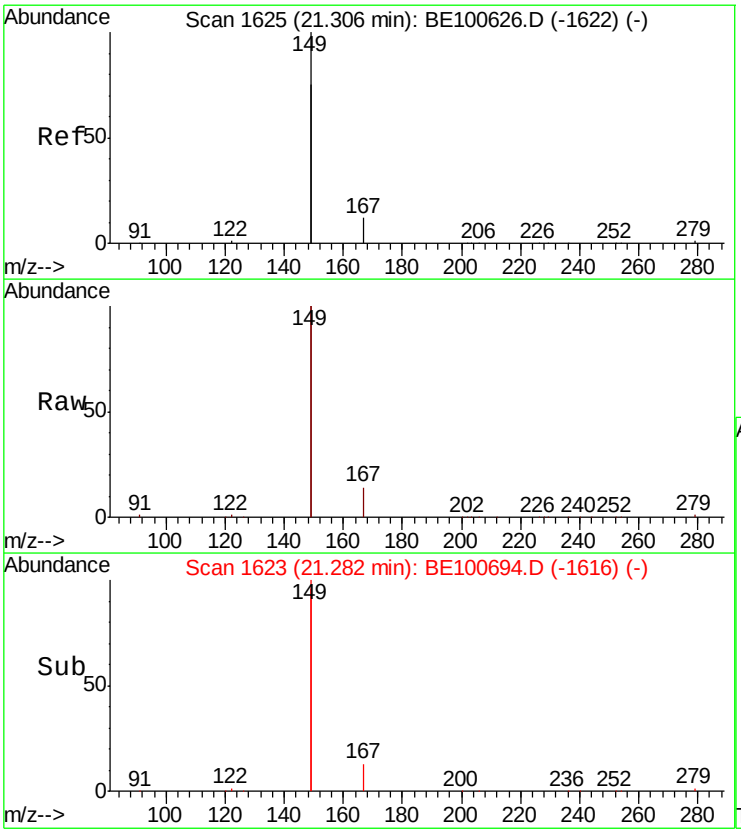
#31
Chrysene
Concen: 0.444 ng
RT: 21.39 min Scan# 1632
Delta R.T. 0.00 min
Lab File: BE100694.D
Acq: 29 Oct 2019 14:26

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 50044

Ion	Ratio	Lower	Upper
228	100		
226	29.4	24.6	37.0
229	19.8	15.8	23.8

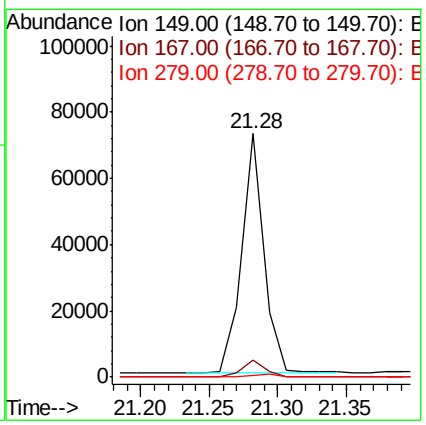


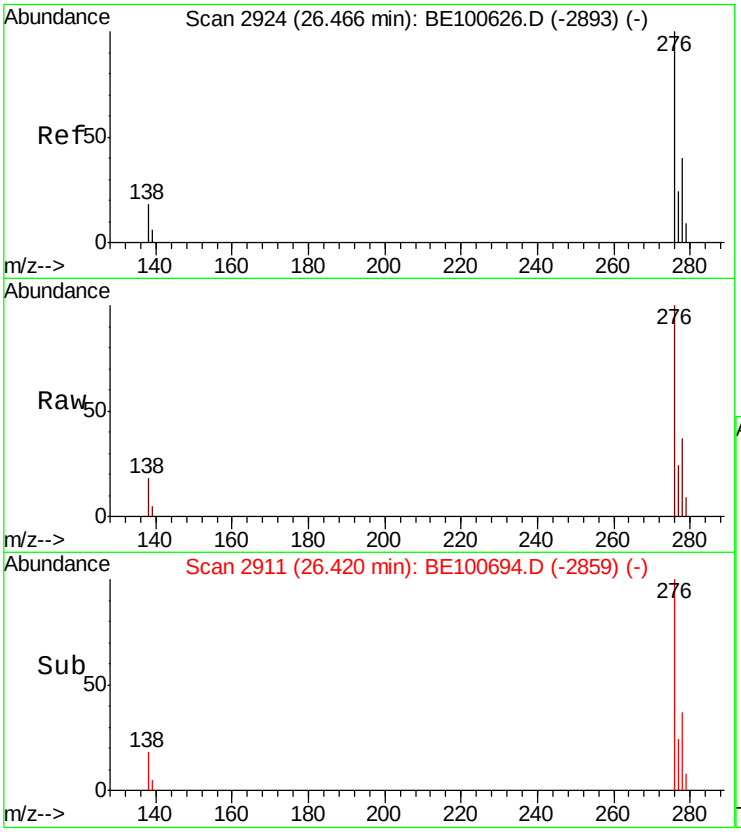


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.347 ng
RT: 21.28 min Scan# 1623
Delta R.T. -0.01 min
Lab File: BE100694.D
Acq: 29 Oct 2019 14:26

Tgt Ion:149 Resp: 81779

Ion	Ratio	Lower	Upper
149	100		
167	6.8	5.5	8.3
279	1.1	0.9	1.3



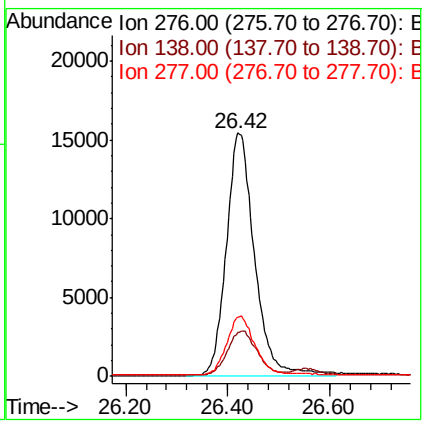


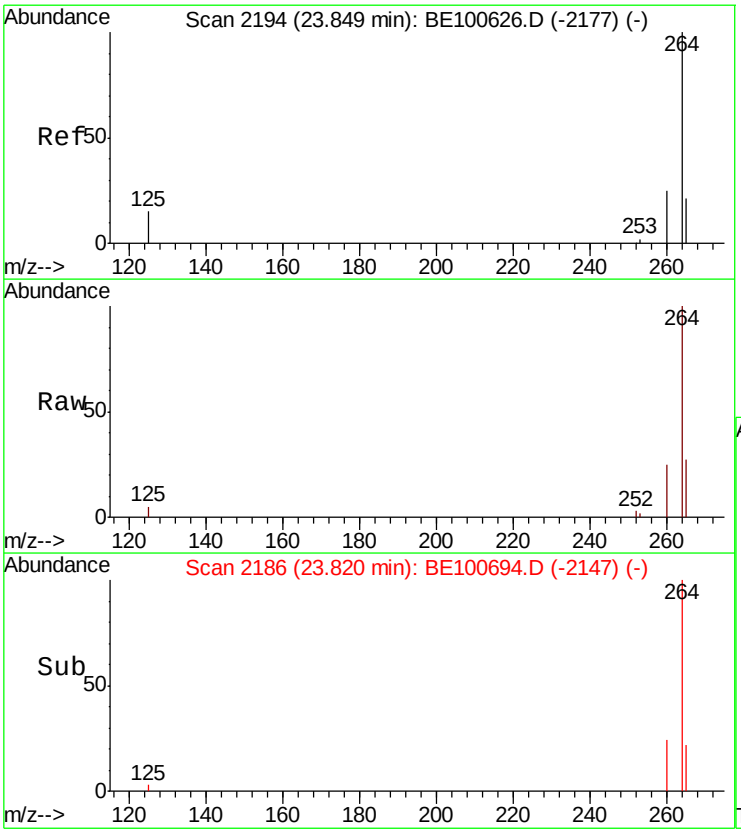
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.425 ng
RT: 26.42 min Scan# 2911
Delta R.T. -0.01 min
Lab File: BE100694.D
Acq: 29 Oct 2019 14:26

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 58895

Ion	Ratio	Lower	Upper
276	100		
138	19.0	15.3	22.9
277	24.3	19.4	29.2

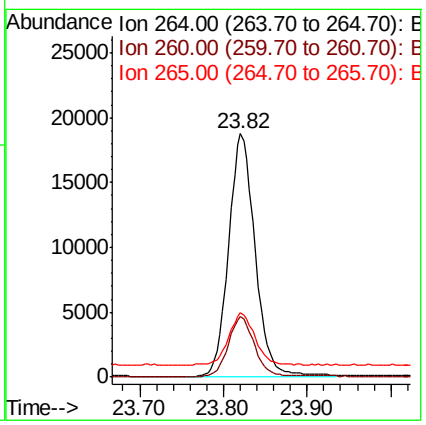


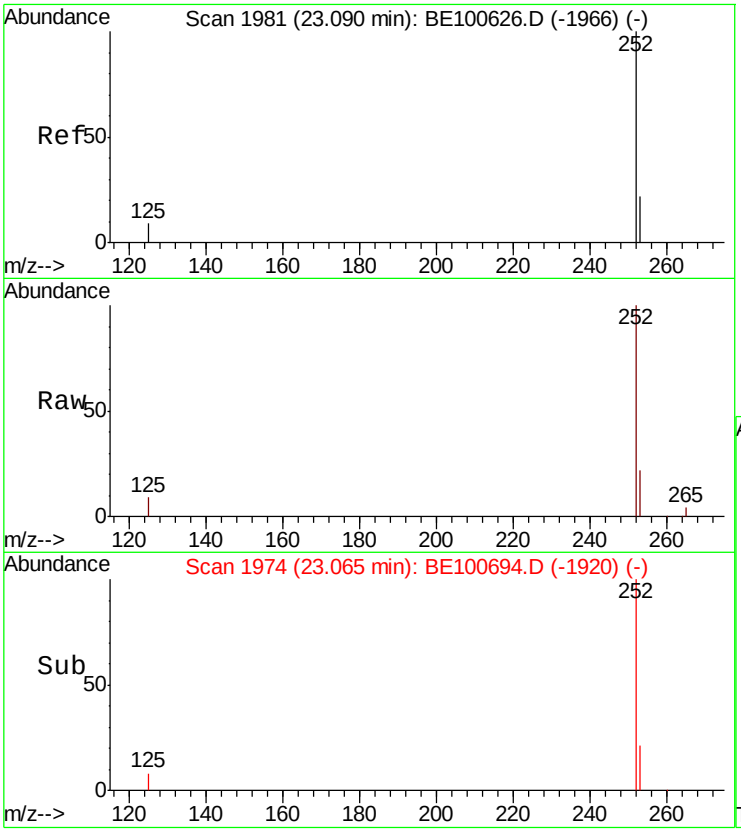


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.82 min Scan# 2186
Delta R.T. -0.01 min
Lab File: BE100694.D
Acq: 29 Oct 2019 14:26

Tgt Ion:264 Resp: 40927

Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.4	29.2
265	26.6	21.7	32.5



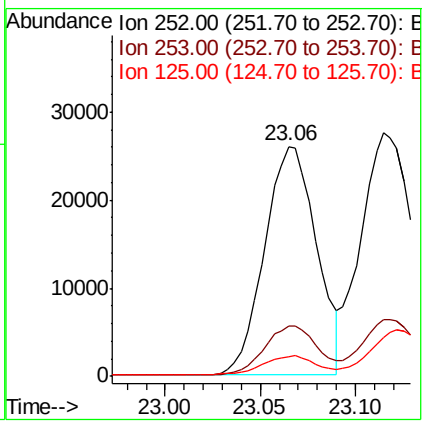


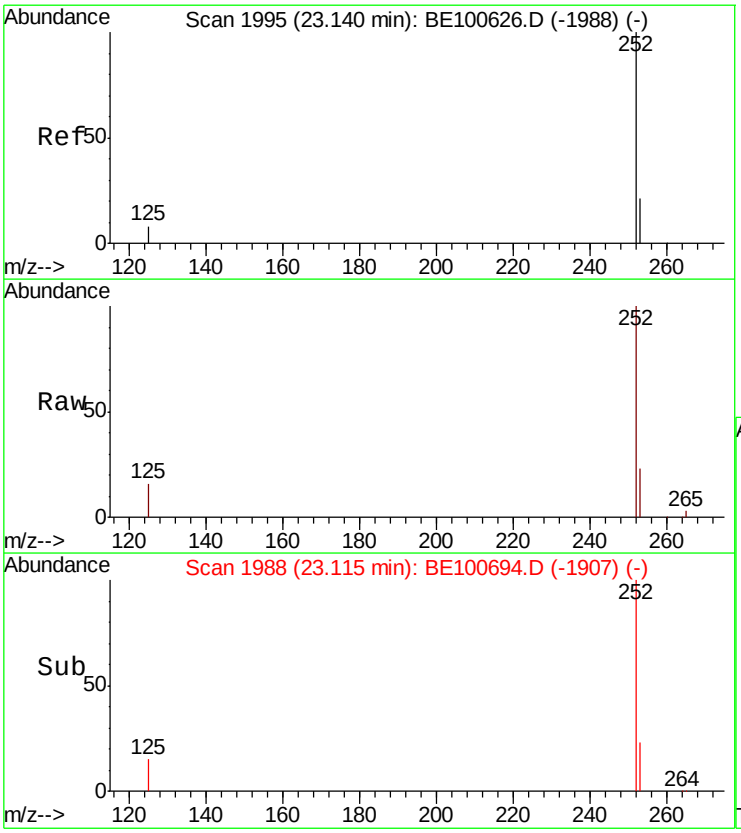
#35
Benzo(b)fluoranthene
Concen: 0.414 ng
RT: 23.06 min Scan# 1974
Delta R.T. -0.01 min
Lab File: BE100694.D
Acq: 29 Oct 2019 14:26

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 49361

Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.4	27.6
125	8.7	7.6	11.4

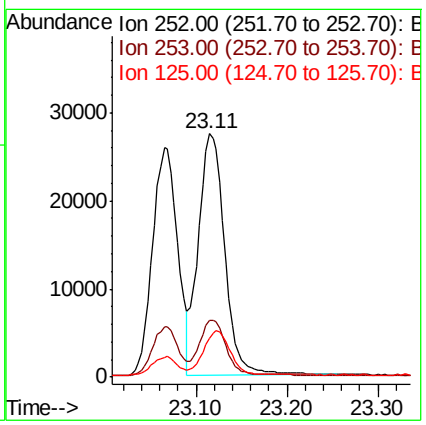


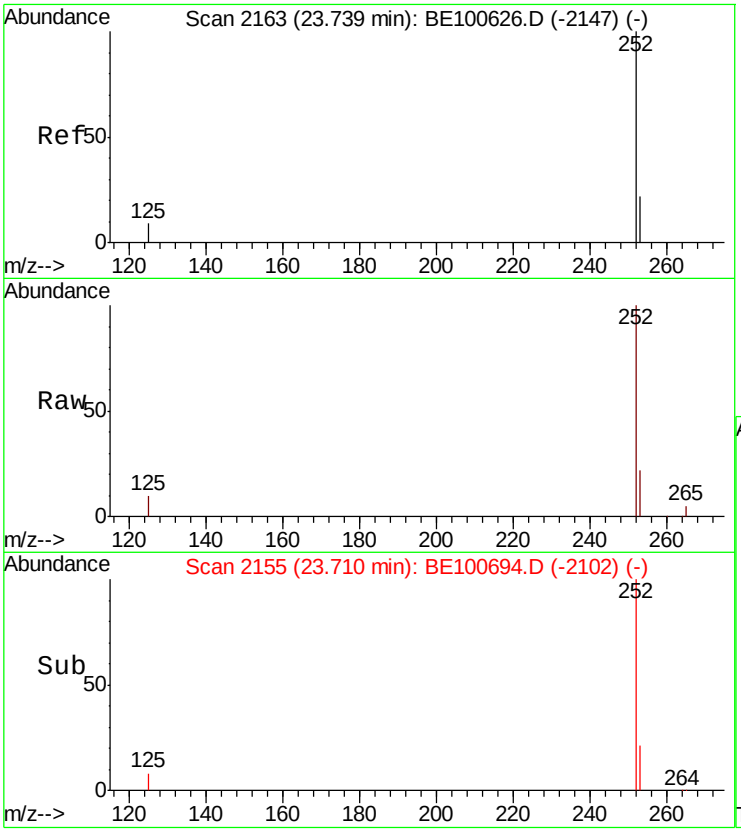


#36
Benzo(k)fluoranthene
Concen: 0.446 ng
RT: 23.11 min Scan# 1988
Delta R.T. -0.01 min
Lab File: BE100694.D
Acq: 29 Oct 2019 14:26

Tgt Ion:252 Resp: 54733

Ion	Ratio	Lower	Upper
252	100		
253	23.4	18.4	27.6
125	15.8	11.6	17.4



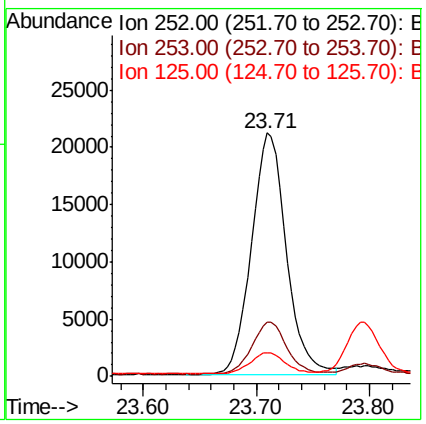


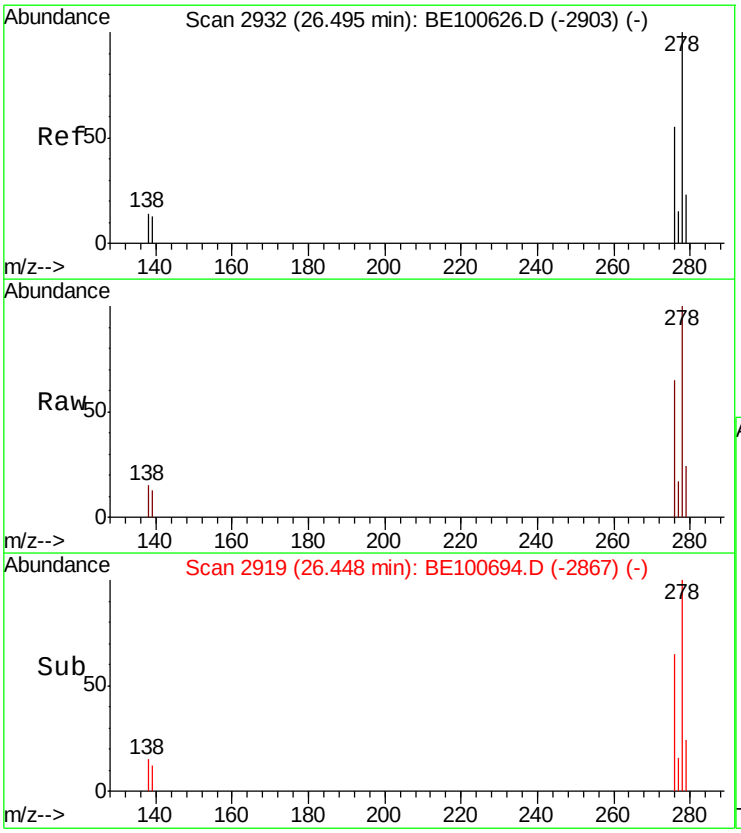
#37
Benzo(a)pyrene
Concen: 0.406 ng
RT: 23.71 min Scan# 2155
Delta R.T. -0.01 min
Lab File: BE100694.D
Acq: 29 Oct 2019 14:26

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 45141

Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.4	27.6
125	9.7	8.2	12.4

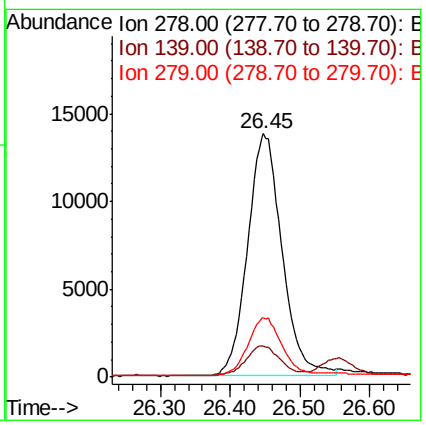


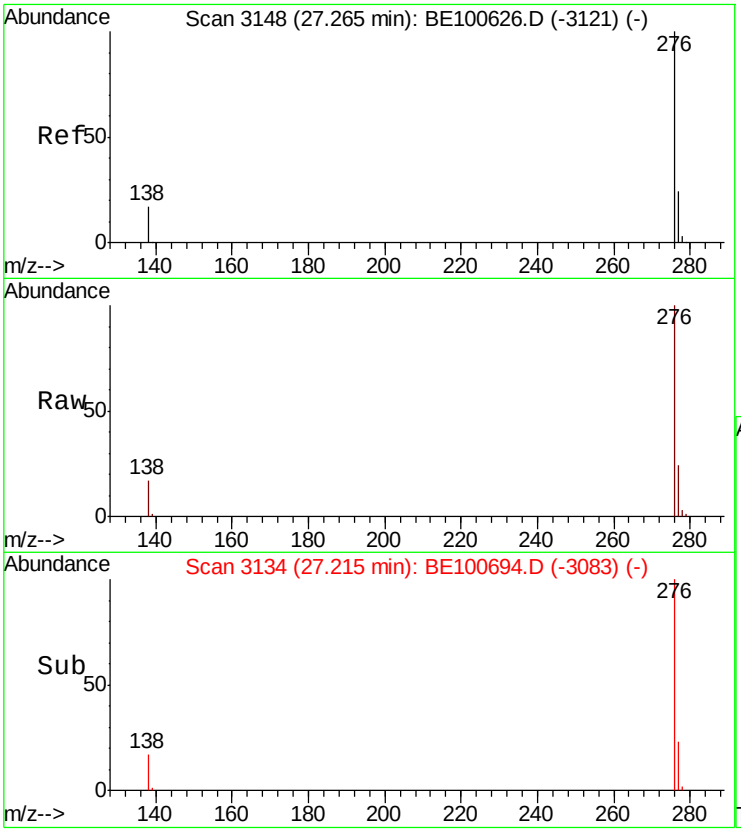


#38
Dibenzo(a,h)anthracene
Concen: 0.415 ng
RT: 26.45 min Scan# 2919
Delta R.T. -0.01 min
Lab File: BE100694.D
Acq: 29 Oct 2019 14:26

Tgt Ion:278 Resp: 47632

Ion	Ratio	Lower	Upper
278	100		
139	12.9	10.9	16.3
279	24.3	19.4	29.2





#39
Benzo(g,h,i)perylene
Concen: 0.430 ng
RT: 27.22 min Scan# 3134
Delta R.T. -0.02 min
Lab File: BE100694.D
Acq: 29 Oct 2019 14:26

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 49674

Ion	Ratio	Lower	Upper
276	100		
277	23.9	19.4	29.0
138	17.5	13.6	20.4