Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE102319\
Data File : BE100667.D
Acq On : 23 Oct 2019 18:29
Operator : JU
Sample : PB124193BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Oct 24 01:34:04 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	3613	0.40	ng		0.00
7) Naphthalene-d8	10.63	136	14581	0.40	ng		0.00
13) Acenaphthene-d10	14.47	164	8325	0.40	ng		0.00
19) Phenanthrene-d10	17.19	188	19353	0.40	ng		-0.01
27) Chrysene-d12	21.35	240	26290	0.40	ng		0.00
34) Perylene-d12	23.83	264	36270	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.44	112	2544	0.23	ng		0.00
5) Phenol-d6	7.01	99	2574	0.16	ng		0.00
8) Nitrobenzene-d5	8.99	82	4088	0.45	ng		0.00
11) 2-Methylnaphthalene-d10	12.22	152	11993	0.52	ng		0.00
14) 2,4,6-Tribromophenol	15.94	330	1067	0.49	ng		0.00
15) 2-Fluorobiphenyl	13.10	172	11321	0.37	ng		0.00
25) Fluoranthene-d10	19.22	212	96572	0.39	ng		0.00
29) Terphenyl-d14	19.82	244	22891	0.40	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.38	88	1484	0.230	ng	#	50
3) n-Nitrosodimethylamine	3.69	42	1713	0.251	ng	#	89
6) bis(2-Chloroethyl)ether	7.28	93	4364	0.338	ng		97
9) Naphthalene	10.68	128	50043	0.326	ng		100
10) Hexachlorobutadiene	10.98	225	1645	0.247	ng		98
12) 2-Methylnaphthalene	12.29	142	8025	0.307	ng		97
16) Acenaphthylene	14.20	152	12343	0.345	ng		99
17) Acenaphthene	14.53	154	7485	0.323	ng		98
18) Fluorene	15.50	166	10360	0.337	ng		98
20) 4-Bromophenyl-phenylether	16.40	248	3300	0.335	ng		93
21) Hexachlorobenzene	16.52	284	2709	0.289	ng		98
22) Pentachlorophenol	16.85	266	1985	0.657	ng		97
23) Phenanthrene	17.24	178	18930	0.356	ng		100
24) Anthracene	17.32	178	16538	0.335	ng		100
26) Fluoranthene	19.25	202	24123	0.347	ng		99
28) Pyrene	19.61	202	25064	0.341	ng		99
30) Benzo(a)anthracene	21.34	228	28834	0.336	ng		99
31) Chrysene	21.39	228	29935	0.349	ng		99
32) Bis(2-ethylhexyl)phthalate	21.28	149	70719	0.394	ng		100
33) Indeno(1,2,3-cd)pyrene	26.44	276	43436	0.412	ng		99
35) Benzo(b)fluoranthene	23.07	252	35213	0.333	ng		100
36) Benzo(k)fluoranthene	23.12	252	37038	0.341	ng	#	95
37) Benzo(a)pyrene	23.72	252	35246	0.358	ng		99
38) Dibenzo(a,h)anthracene	26.46	278	36218	0.356	ng		99
39) Benzo(g,h,i)perylene	27.23	276	37486	0.366	ng		99

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE102319\
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Acq On : 23 Oct 2019 18:29
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Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
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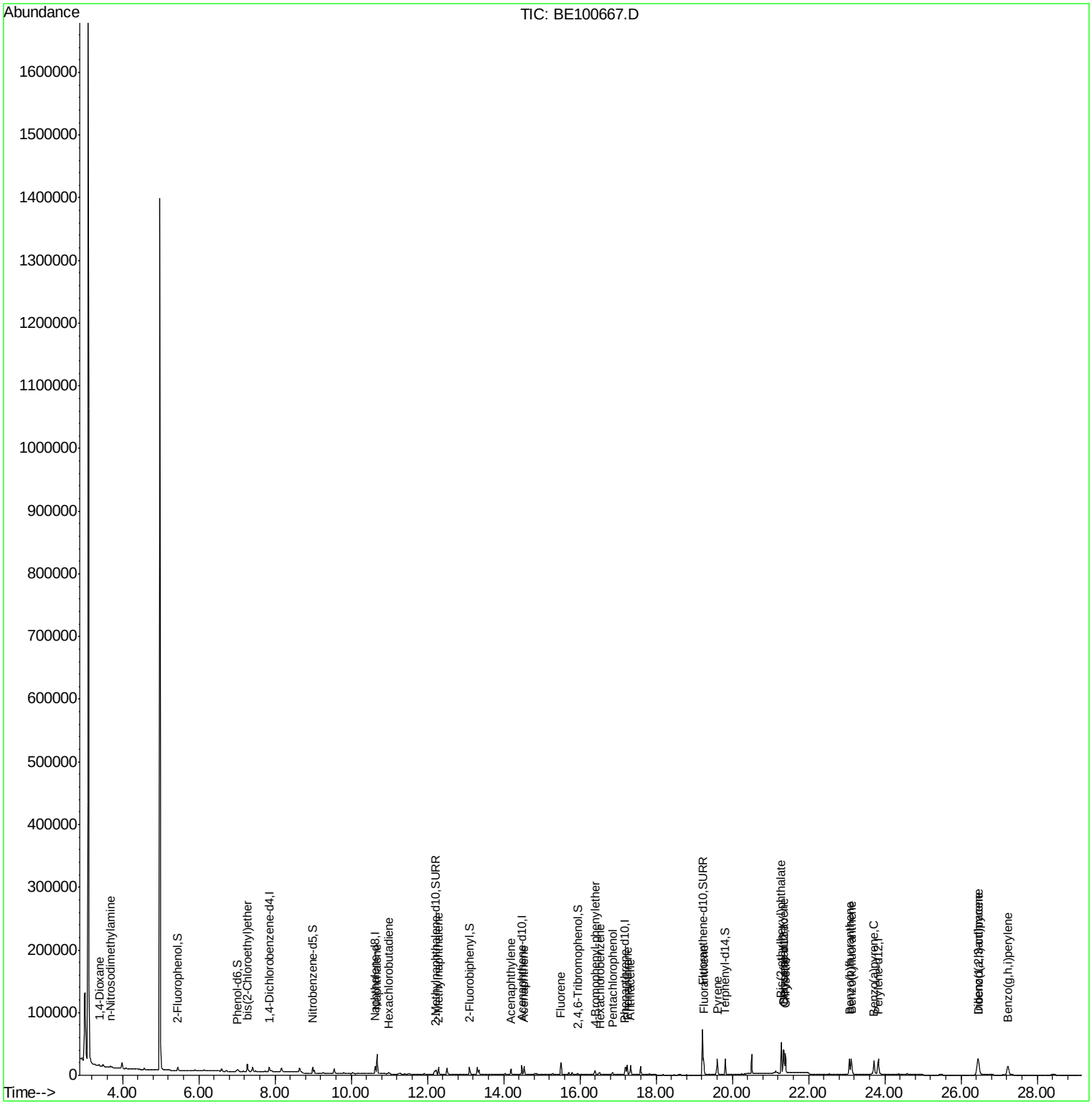
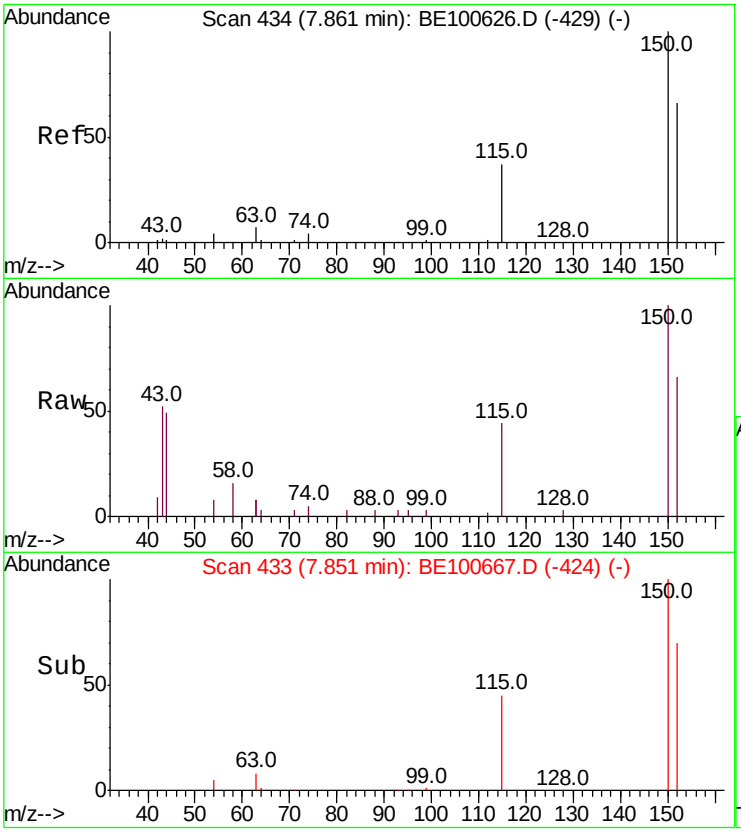
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 23 16:49:33 2019
Response via : Initial Calibration



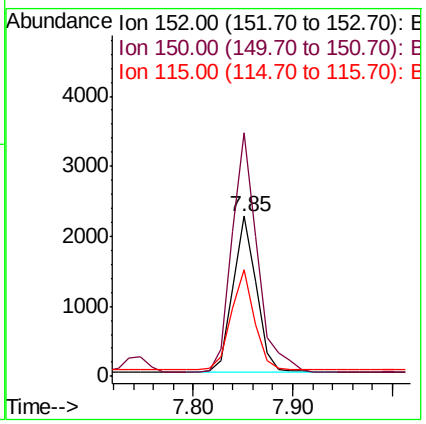


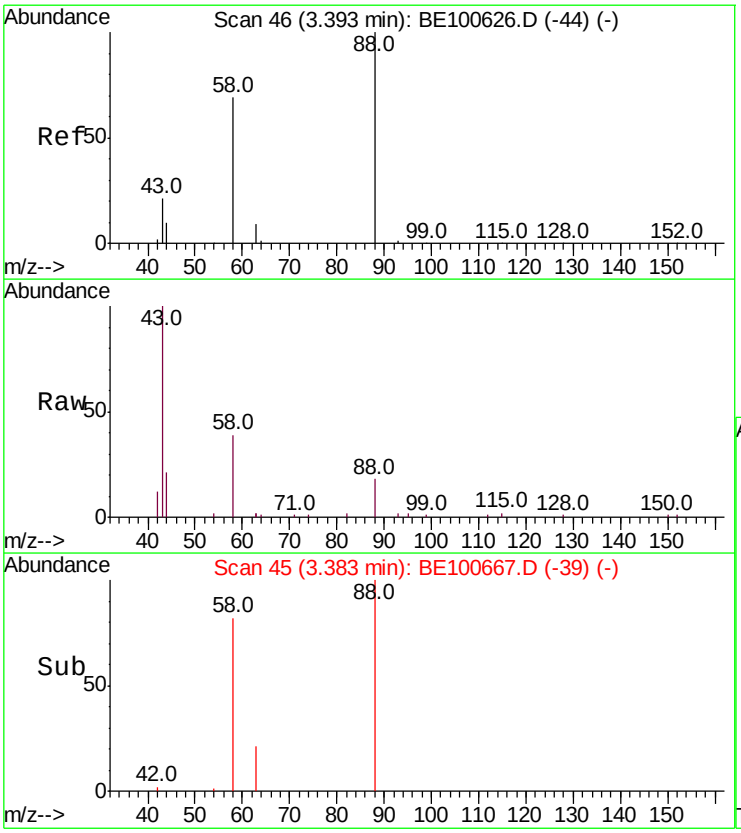
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.85 min Scan# 433
Delta R.T. 0.00 min
Lab File: BE100667.D
Acq: 23 Oct 2019 18:29

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 3613

Ion	Ratio	Lower	Upper
152	100		
150	152.0	123.3	184.9
115	66.5	51.9	77.9

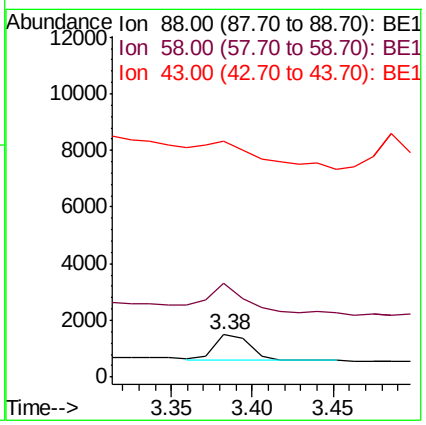


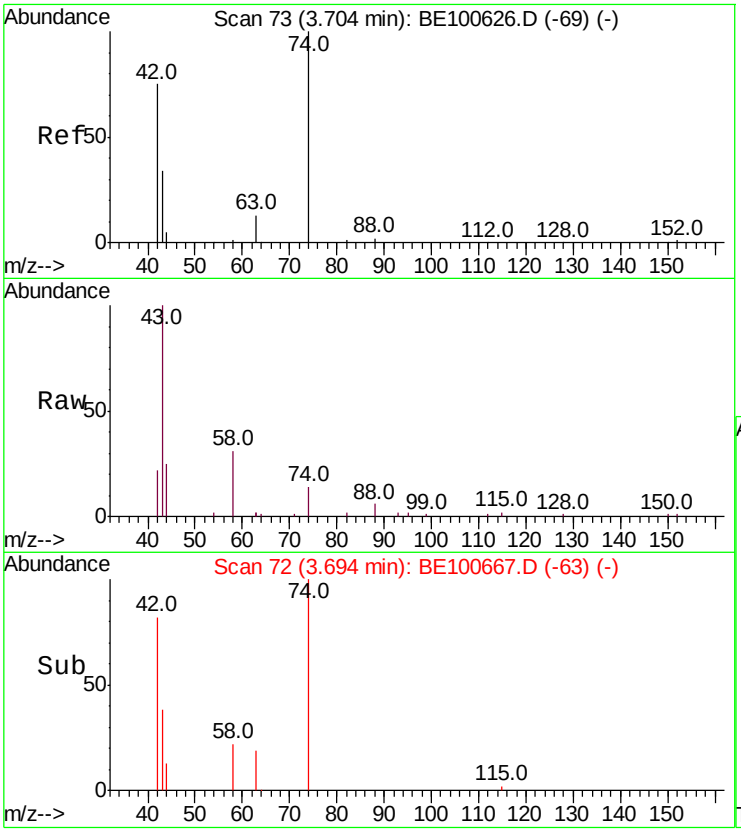


#2
1,4-Dioxane
Concen: 0.230 ng
RT: 3.38 min Scan# 45
Delta R.T. 0.00 min
Lab File: BE100667.D
Acq: 23 Oct 2019 18:29

Tgt Ion: 88 Resp: 1484

Ion	Ratio	Lower	Upper
88	100		
58	114.8	59.8	89.6#
43	0.0	24.6	36.8#



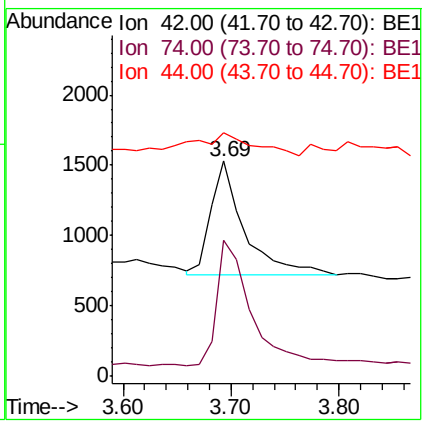


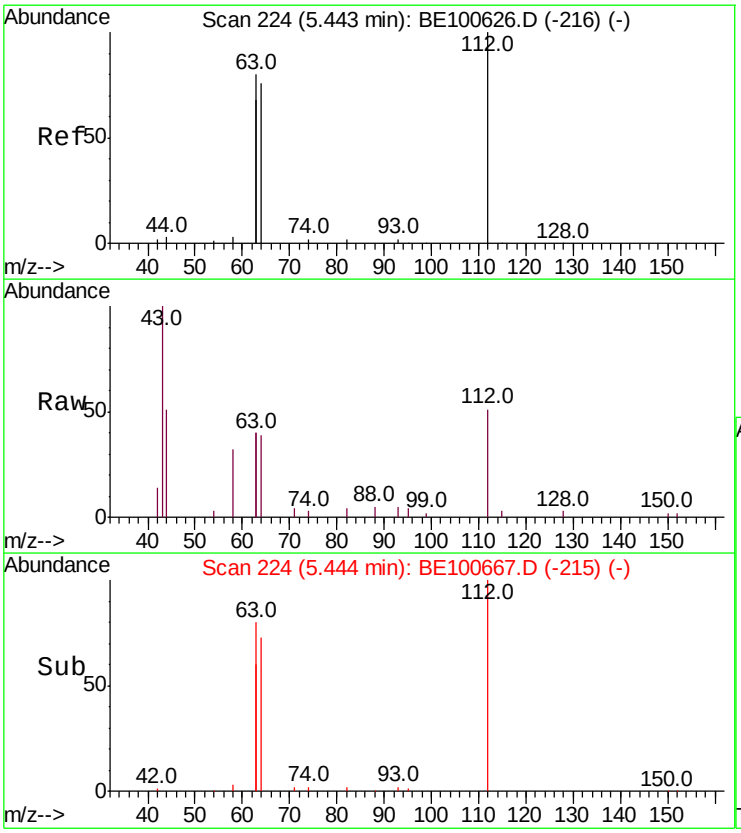
#3
n-Nitrosodimethylamine
Concen: 0.251 ng
RT: 3.69 min Scan# 72
Delta R.T. 0.00 min
Lab File: BE100667.D
Acq: 23 Oct 2019 18:29

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 42 Resp: 1713

Ion	Ratio	Lower	Upper
42	100		
74	113.8	97.2	145.8
44	37.1	16.6	24.8#

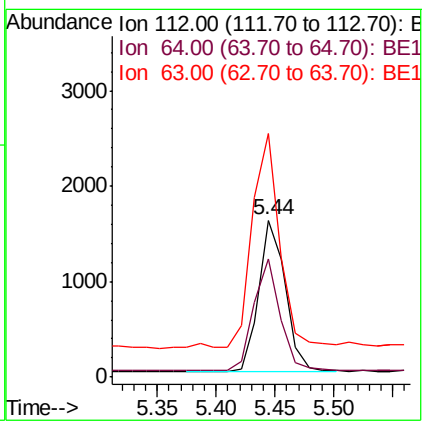


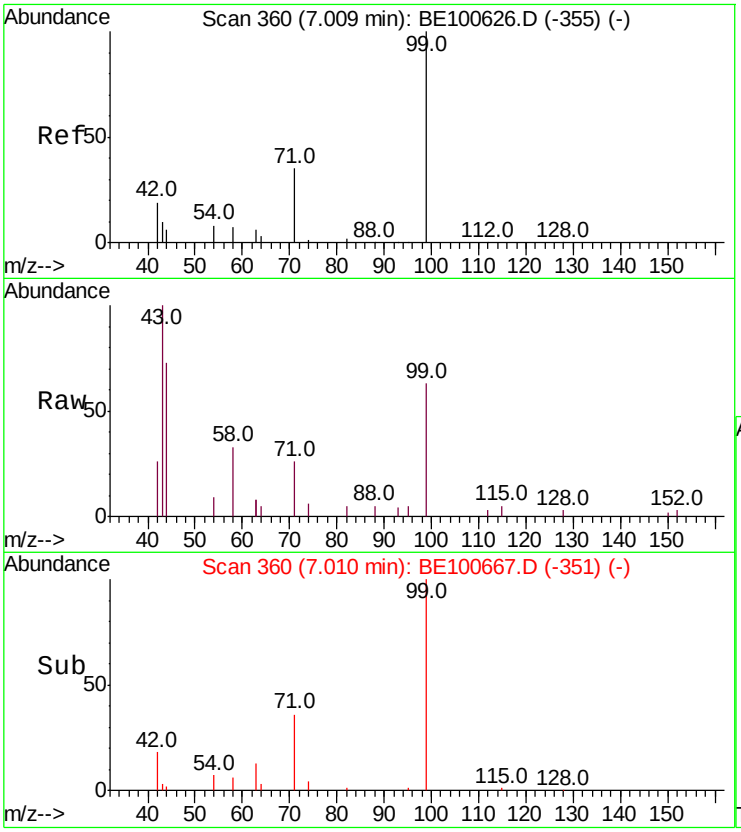


#4
2-Fluorophenol
Concen: 0.228 ng
RT: 5.44 min Scan# 224
Delta R.T. 0.00 min
Lab File: BE100667.D
Acq: 23 Oct 2019 18:29

Tgt Ion:112 Resp: 2544

Ion	Ratio	Lower	Upper
112	100		
64	72.6	55.4	83.2
63	144.0	114.2	171.4



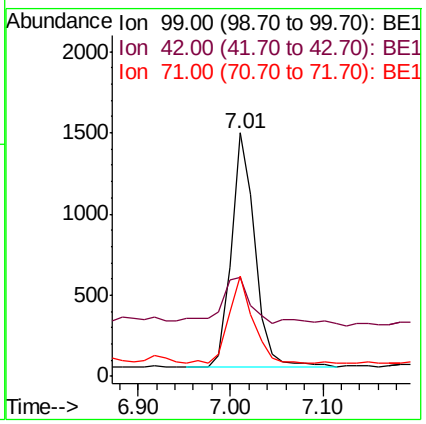


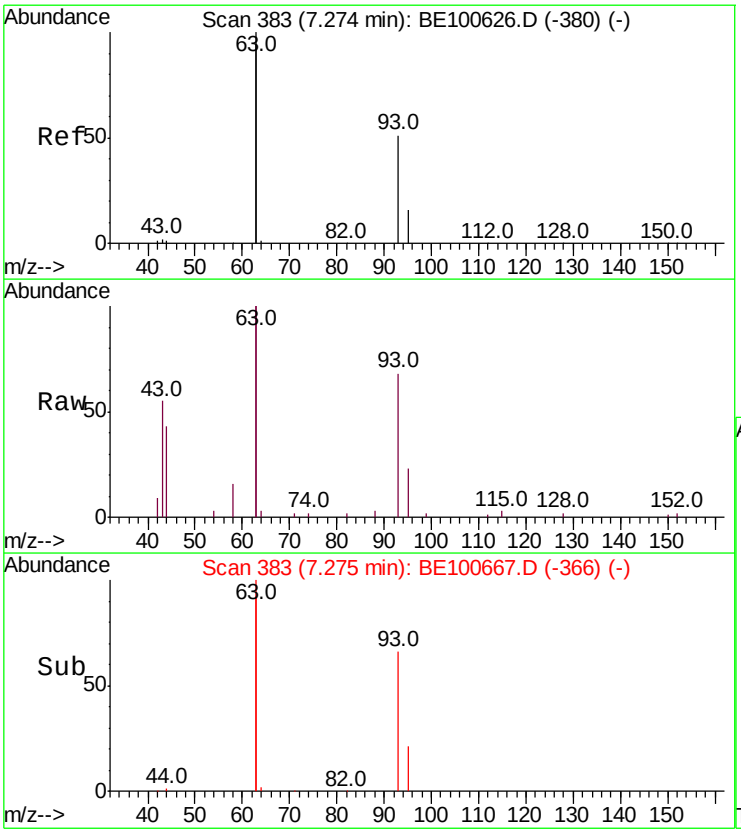
#5
Phenol-d6
Concen: 0.164 ng
RT: 7.01 min Scan# 360
Delta R.T. 0.00 min
Lab File: BE100667.D
Acq: 23 Oct 2019 18:29

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 99 Resp: 2574

Ion	Ratio	Lower	Upper
99	100		
42	19.4	17.7	26.5
71	37.8	27.4	41.0

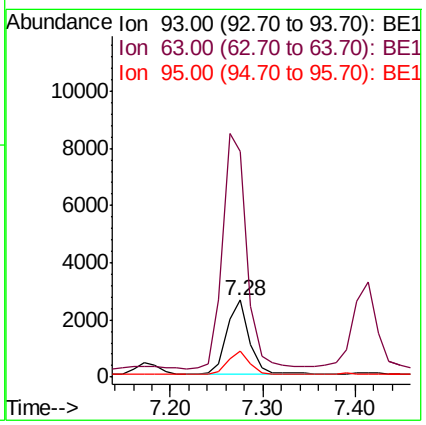


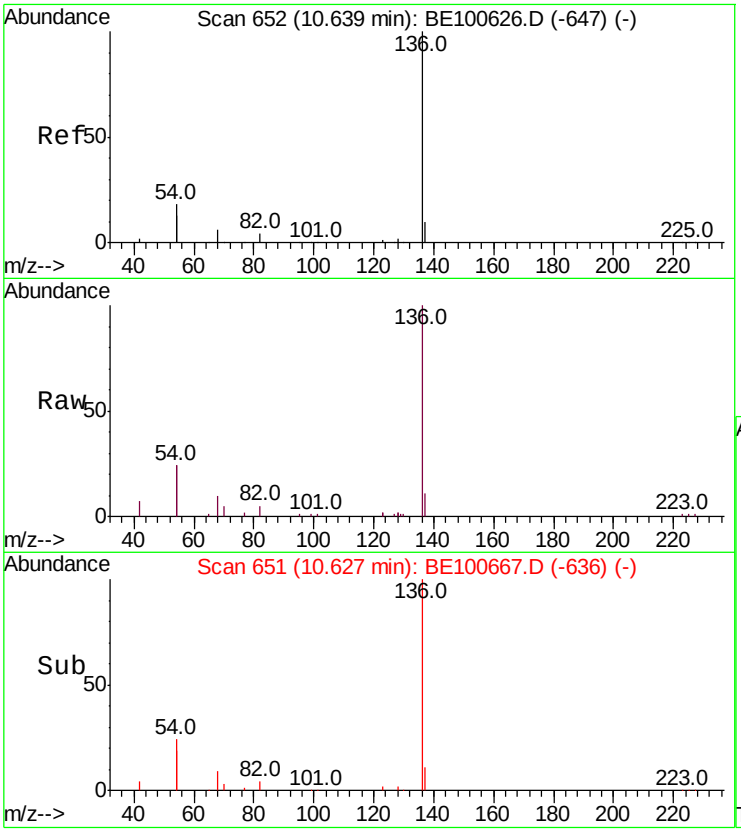


#6
bis(2-Chloroethyl)ether
Concen: 0.338 ng
RT: 7.28 min Scan# 383
Delta R.T. 0.00 min
Lab File: BE100667.D
Acq: 23 Oct 2019 18:29

Tgt Ion: 93 Resp: 4364

Ion	Ratio	Lower	Upper
93	100		
63	342.3	268.8	403.2
95	30.9	25.6	38.4



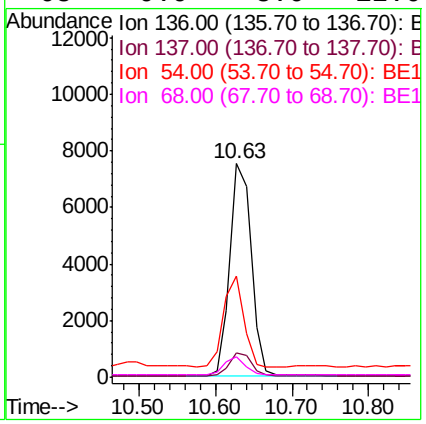


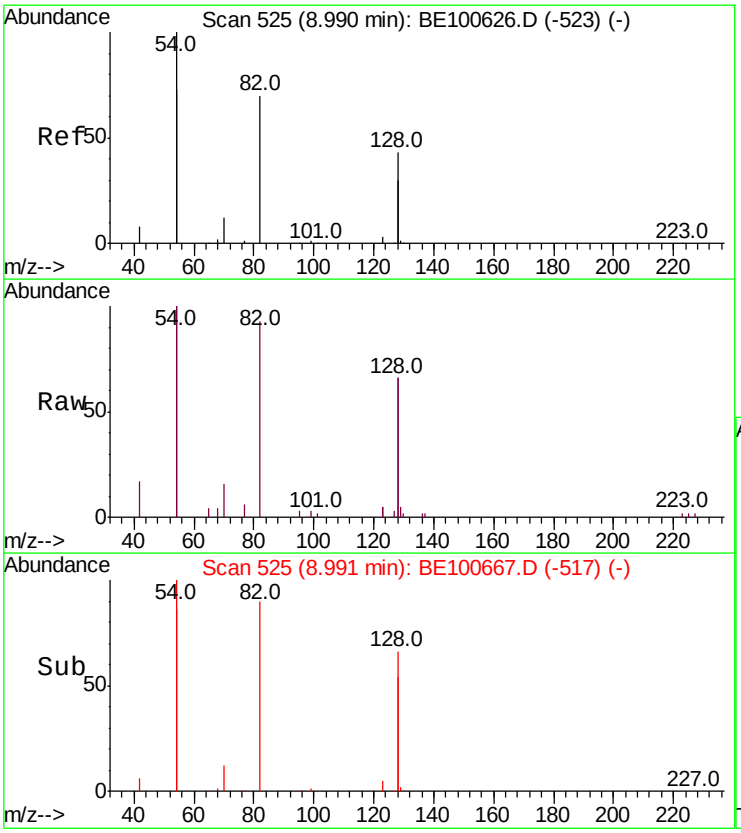
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.63 min Scan# 651
Delta R.T. -0.00 min
Lab File: BE100667.D
Acq: 23 Oct 2019 18:29

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:136 Resp: 14581

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.2	13.8
54	47.3	39.4	59.2
68	9.9	8.0	12.0

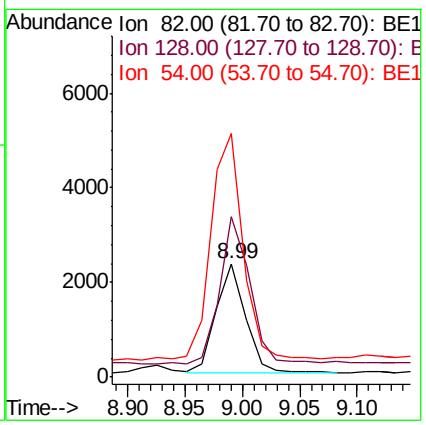


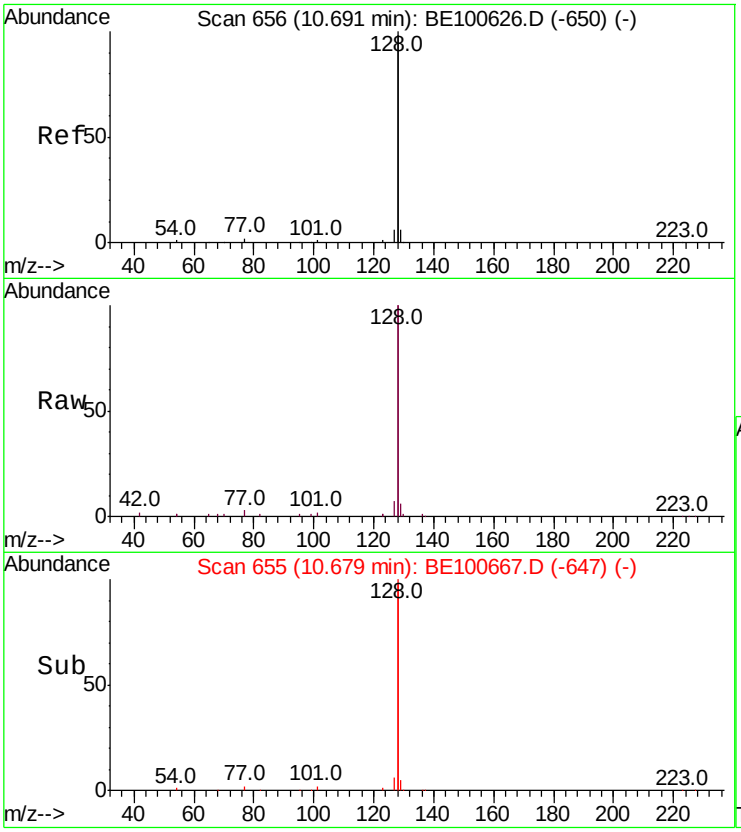


#8
Nitrobenzene-d5
Concen: 0.452 ng
RT: 8.99 min Scan# 525
Delta R.T. -0.00 min
Lab File: BE100667.D
Acq: 23 Oct 2019 18:29

Tgt Ion: 82 Resp: 4088

Ion	Ratio	Lower	Upper
82	100		
128	141.6	107.8	161.8
54	214.3	166.1	249.1



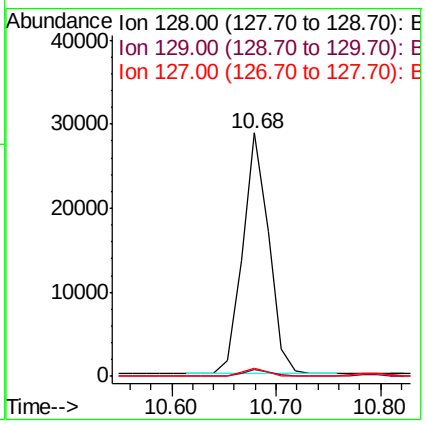


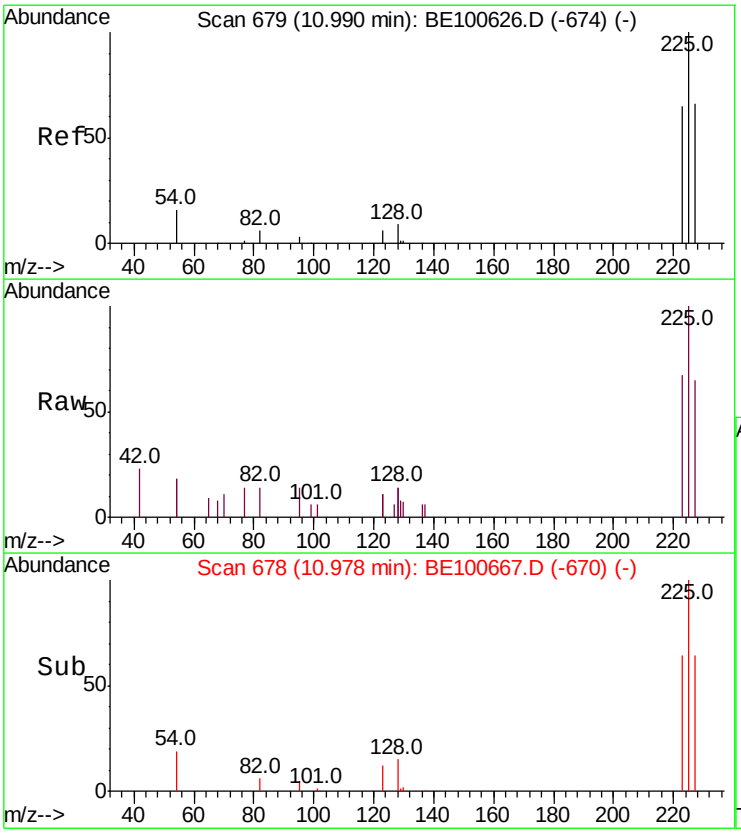
#9
Naphthalene
Concen: 0.326 ng
RT: 10.68 min Scan# 655
Delta R.T. -0.00 min
Lab File: BE100667.D
Acq: 23 Oct 2019 18:29

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:128 Resp: 50043

Ion	Ratio	Lower	Upper
128	100		
129	3.0	2.3	3.5
127	3.3	2.7	4.1

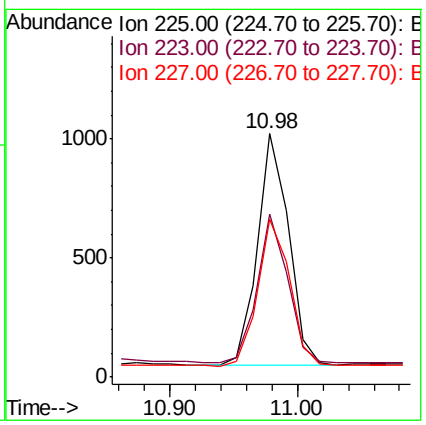


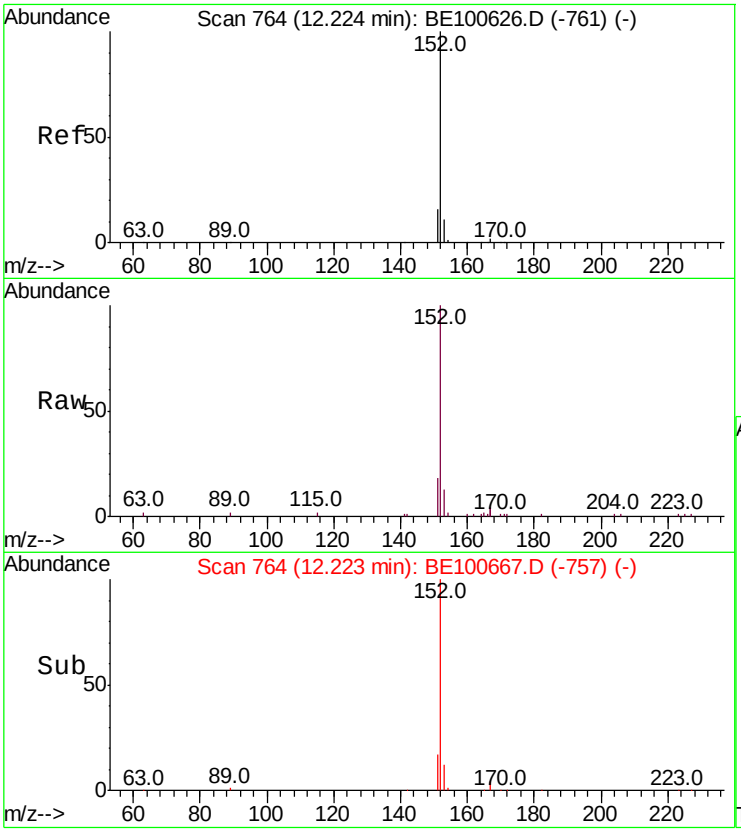


#10
Hexachlorobutadiene
Concen: 0.247 ng
RT: 10.98 min Scan# 678
Delta R.T. -0.00 min
Lab File: BE100667.D
Acq: 23 Oct 2019 18:29

Tgt Ion:225 Resp: 1645

Ion	Ratio	Lower	Upper
225	100		
223	63.5	48.6	72.8
227	64.4	51.6	77.4



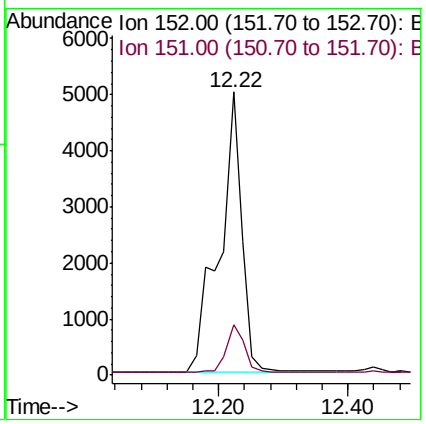


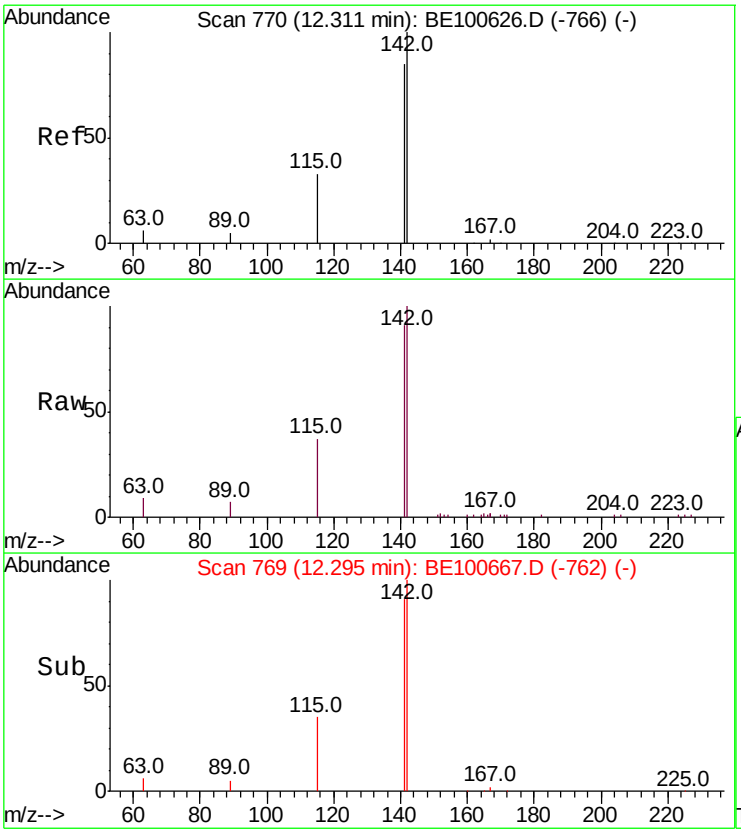
#11
2-Methylnaphthalene-d10
Concen: 0.522 ng
RT: 12.22 min Scan# 764
Delta R.T. -0.00 min
Lab File: BE100667.D
Acq: 23 Oct 2019 18:29

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 11993

Ion	Ratio	Lower	Upper
152	100		
151	13.6	14.7	22.1#

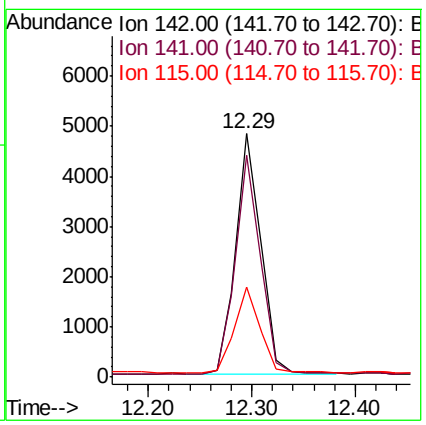


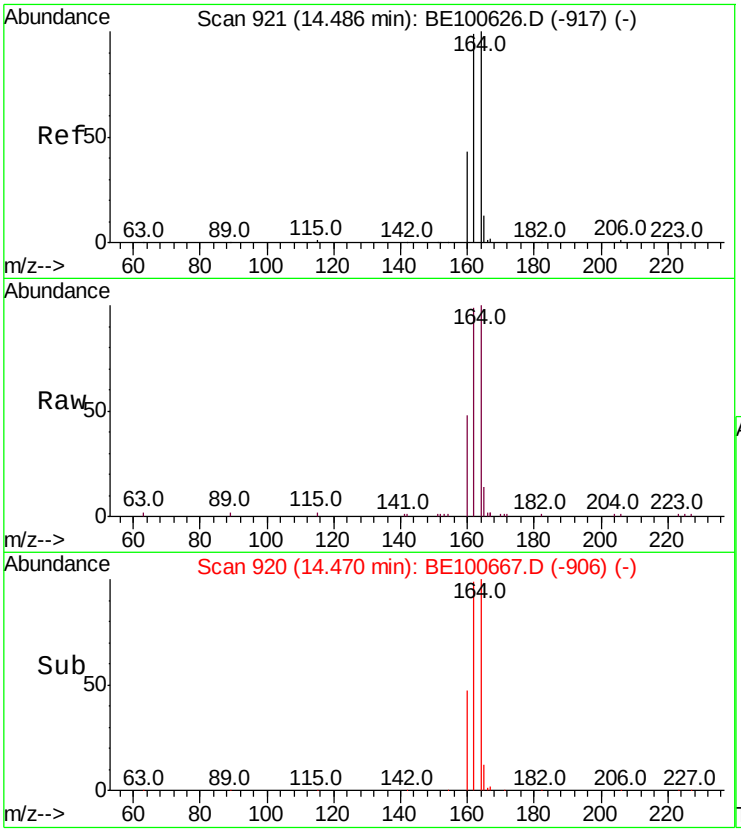


#12
2-Methylnaphthalene
Concen: 0.307 ng
RT: 12.29 min Scan# 769
Delta R.T. -0.00 min
Lab File: BE100667.D
Acq: 23 Oct 2019 18:29

Tgt Ion:142 Resp: 8025

Ion	Ratio	Lower	Upper
142	100		
141	91.1	70.1	105.1
115	36.9	28.3	42.5



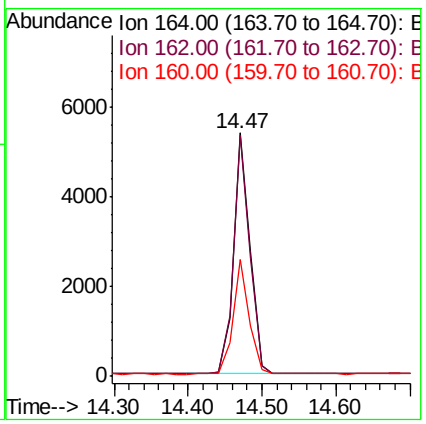


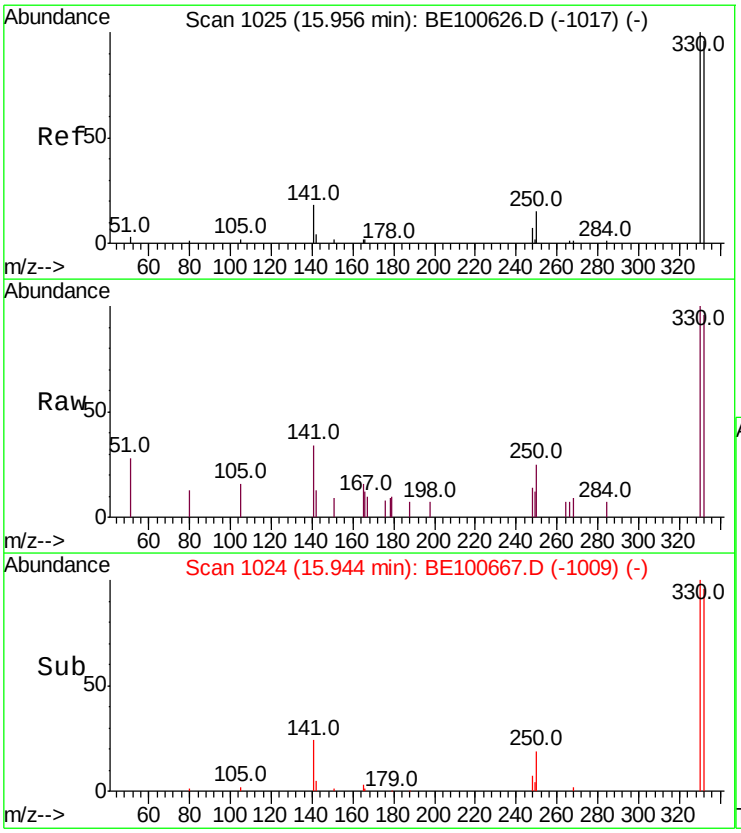
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.47 min Scan# 920
Delta R.T. -0.00 min
Lab File: BE100667.D
Acq: 23 Oct 2019 18:29

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:164 Resp: 8325

Ion	Ratio	Lower	Upper
164	100		
162	99.1	82.0	123.0
160	47.8	37.5	56.3

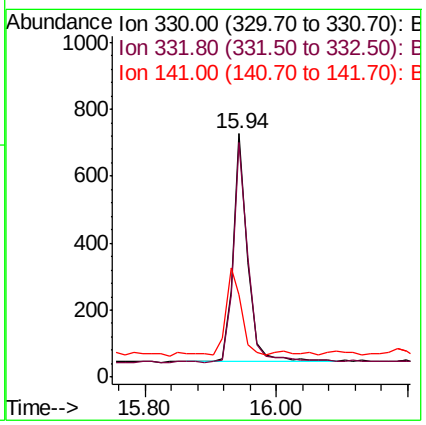


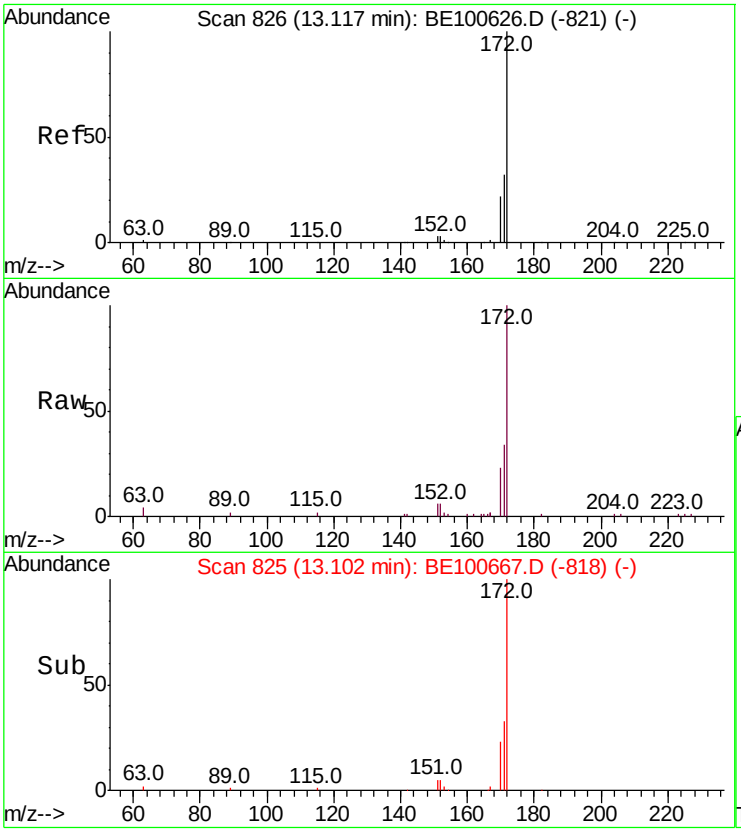


#14
2,4,6-Tribromophenol
Concen: 0.485 ng
RT: 15.94 min Scan# 1024
Delta R.T. 0.00 min
Lab File: BE100667.D
Acq: 23 Oct 2019 18:29

Tgt Ion:330 Resp: 1067

Ion	Ratio	Lower	Upper
330	100		
332	97.8	77.9	116.9
141	41.2	33.0	49.6



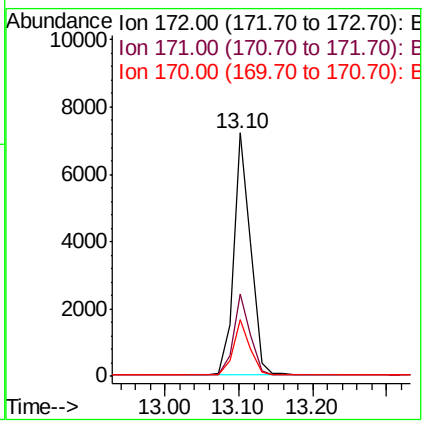


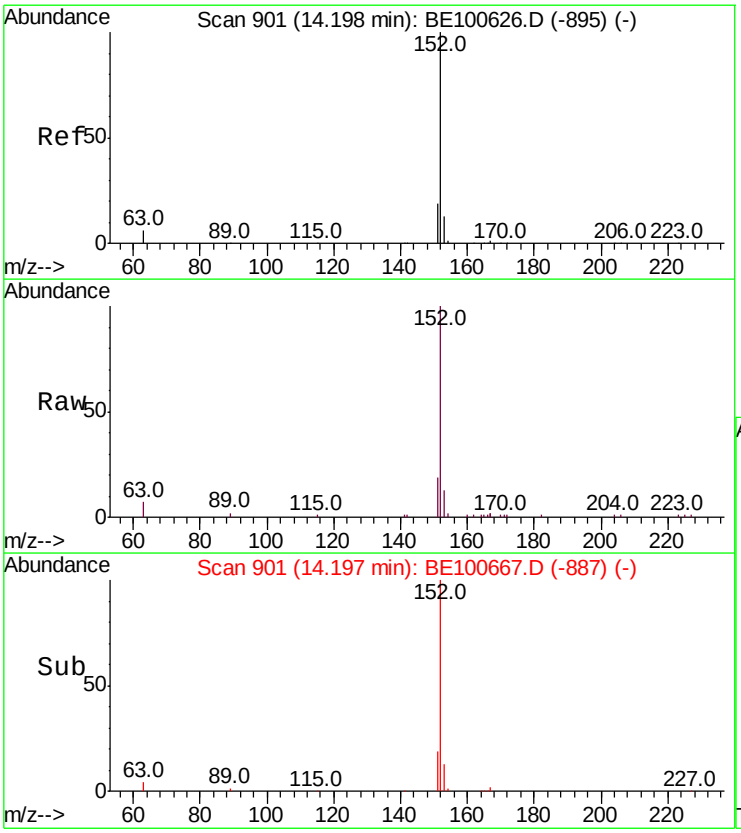
#15
2-Fluorobiphenyl
Concen: 0.373 ng
RT: 13.10 min Scan# 825
Delta R.T. -0.00 min
Lab File: BE100667.D
Acq: 23 Oct 2019 18:29

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:172 Resp: 11321

Ion	Ratio	Lower	Upper
172	100		
171	33.9	26.5	39.7
170	23.4	19.0	28.4

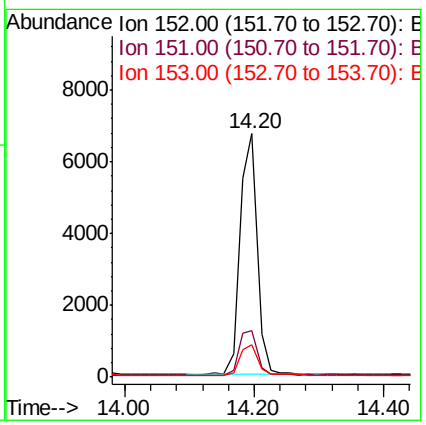


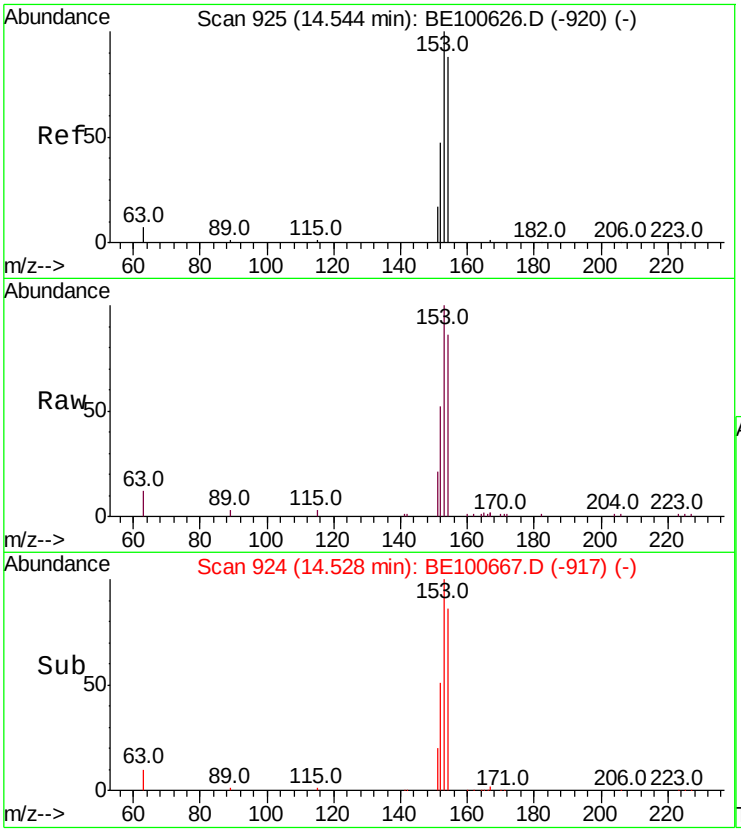


#16
Acenaphthylene
Concen: 0.345 ng
RT: 14.20 min Scan# 901
Delta R.T. -0.00 min
Lab File: BE100667.D
Acq: 23 Oct 2019 18:29

Tgt Ion:152 Resp: 12343

Ion	Ratio	Lower	Upper
152	100		
151	19.9	15.2	22.8
153	12.9	10.3	15.5



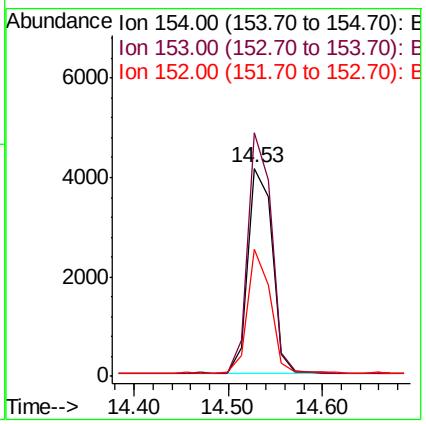


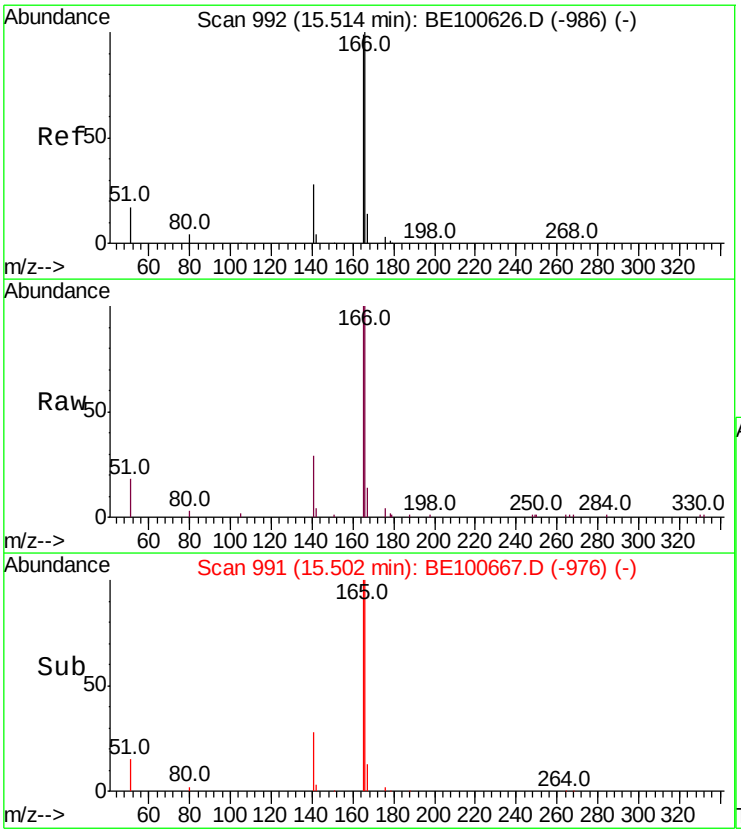
#17
Acenaphthene
Concen: 0.323 ng
RT: 14.53 min Scan# 924
Delta R.T. -0.00 min
Lab File: BE100667.D
Acq: 23 Oct 2019 18:29

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:154 Resp: 7485

Ion	Ratio	Lower	Upper
154	100		
153	114.1	89.4	134.2
152	56.2	44.1	66.1

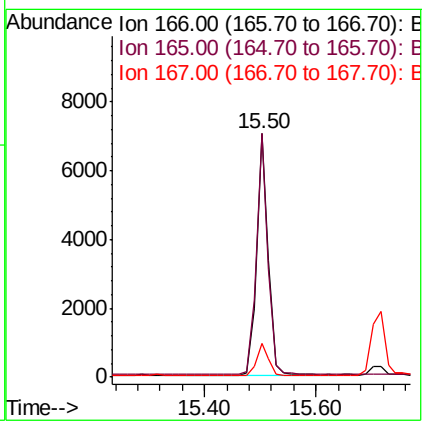


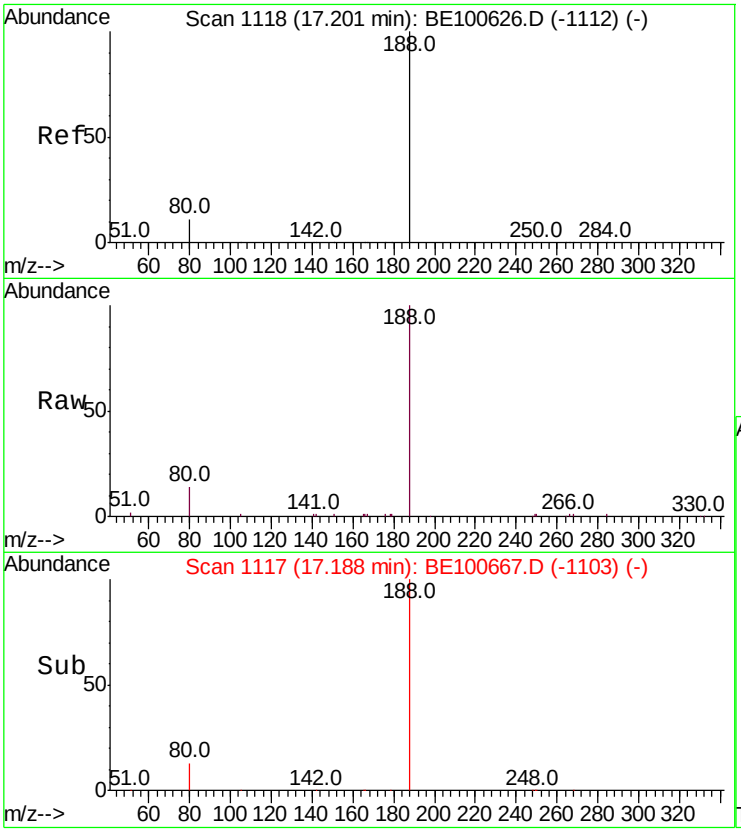


#18
Fluorene
Concen: 0.337 ng
RT: 15.50 min Scan# 991
Delta R.T. 0.00 min
Lab File: BE100667.D
Acq: 23 Oct 2019 18:29

Tgt Ion:166 Resp: 10360

Ion	Ratio	Lower	Upper
166	100		
165	100.1	78.6	117.8
167	13.5	10.9	16.3



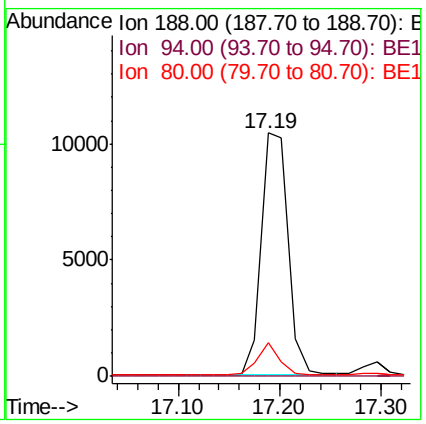


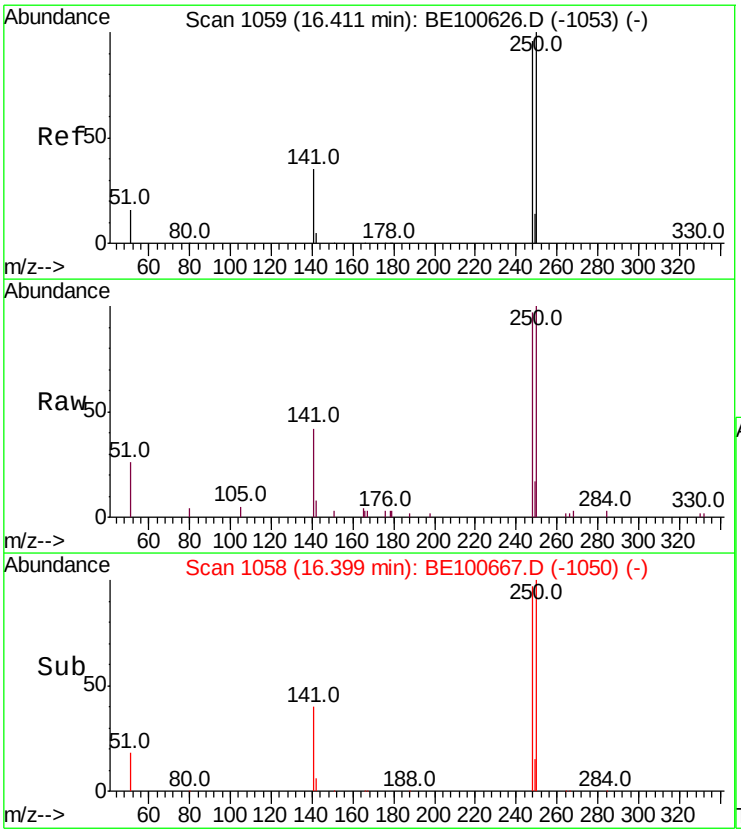
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.19 min Scan# 1117
Delta R.T. -0.01 min
Lab File: BE100667.D
Acq: 23 Oct 2019 18:29

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:188 Resp: 19353

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	13.6	5.4	8.0#

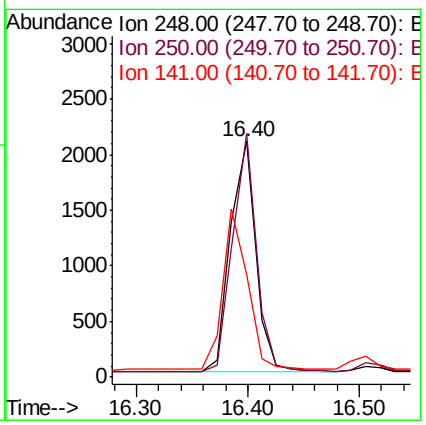


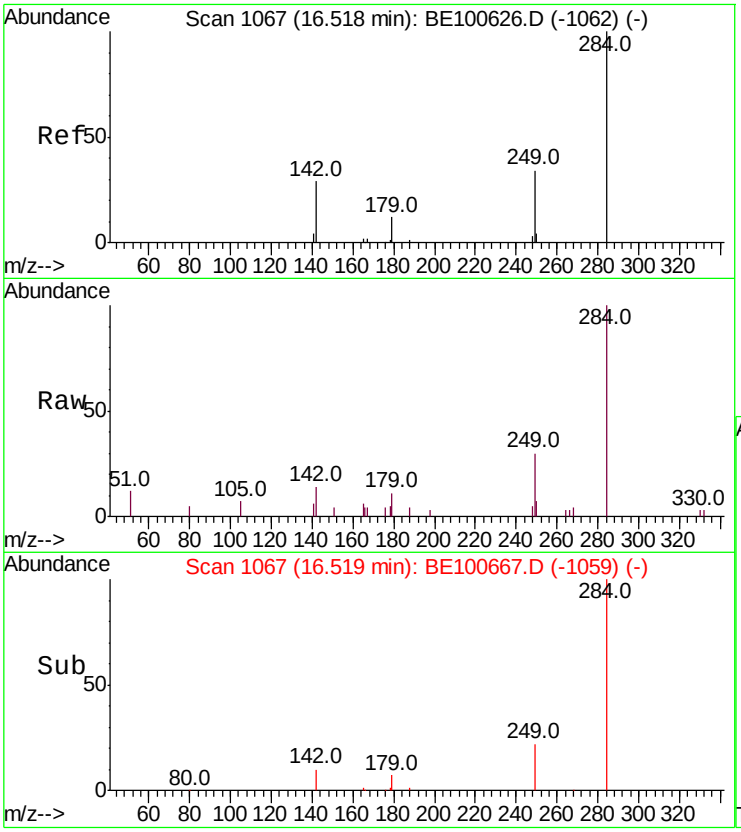


#20
4-Bromophenyl-phenylether
Concen: 0.335 ng
RT: 16.40 min Scan# 1058
Delta R.T. 0.00 min
Lab File: BE100667.D
Acq: 23 Oct 2019 18:29

Tgt Ion:248 Resp: 3300

Ion	Ratio	Lower	Upper
248	100		
250	103.4	76.3	114.5
141	43.5	37.3	55.9



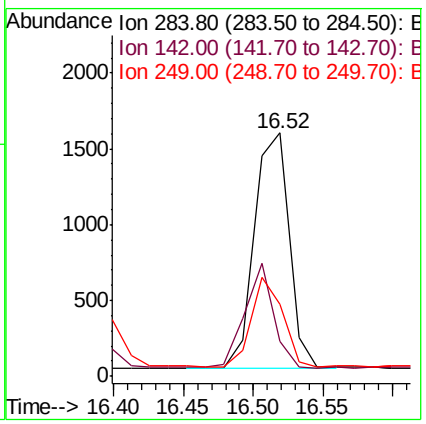


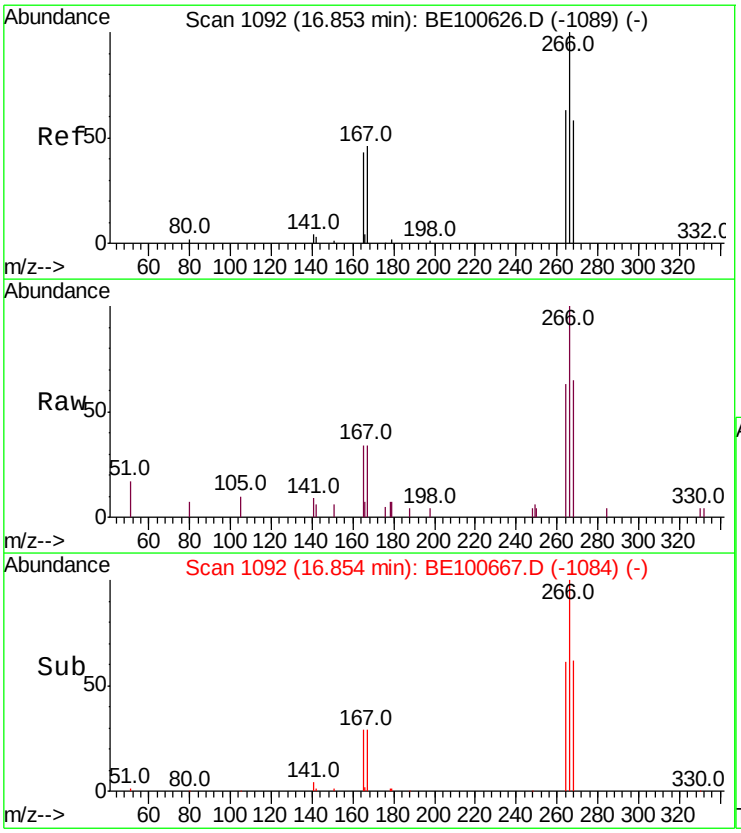
#21
Hexachlorobenzene
Concen: 0.289 ng
RT: 16.52 min Scan# 1067
Delta R.T. 0.00 min
Lab File: BE100667.D
Acq: 23 Oct 2019 18:29

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:284 Resp: 2709

Ion	Ratio	Lower	Upper
284	100		
142	36.7	28.6	42.8
249	34.3	26.3	39.5

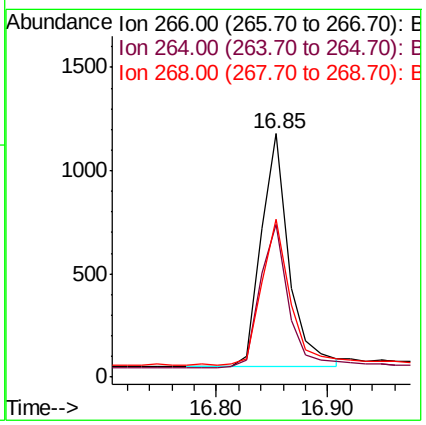


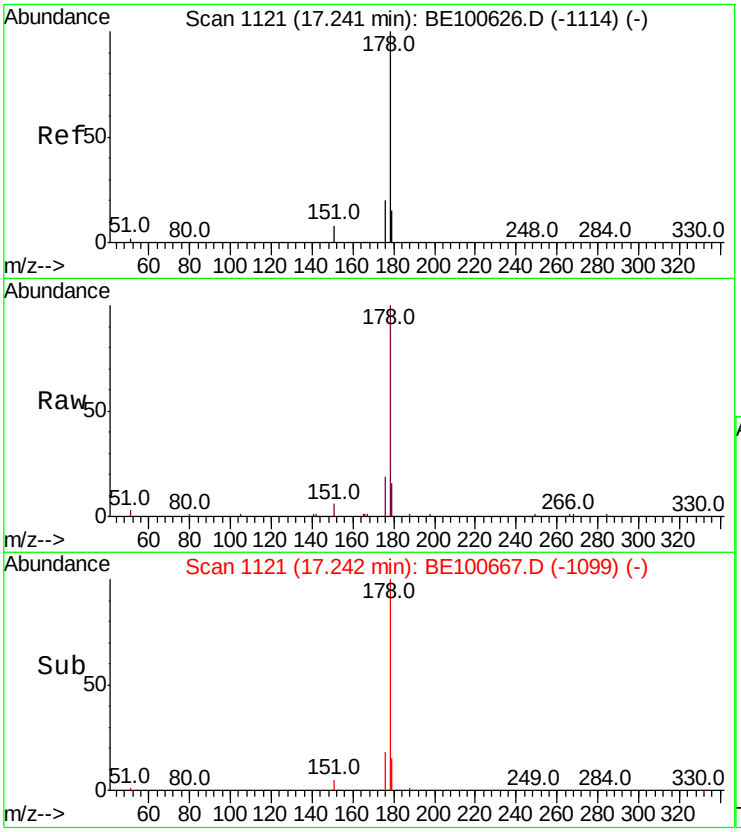


#22
Pentachlorophenol
Concen: 0.657 ng
RT: 16.85 min Scan# 1092
Delta R.T. 0.00 min
Lab File: BE100667.D
Acq: 23 Oct 2019 18:29

Tgt Ion:266 Resp: 1985

Ion	Ratio	Lower	Upper
266	100		
264	62.6	52.2	78.4
268	65.0	53.1	79.7



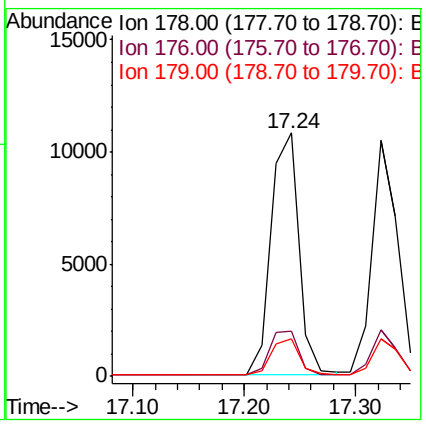


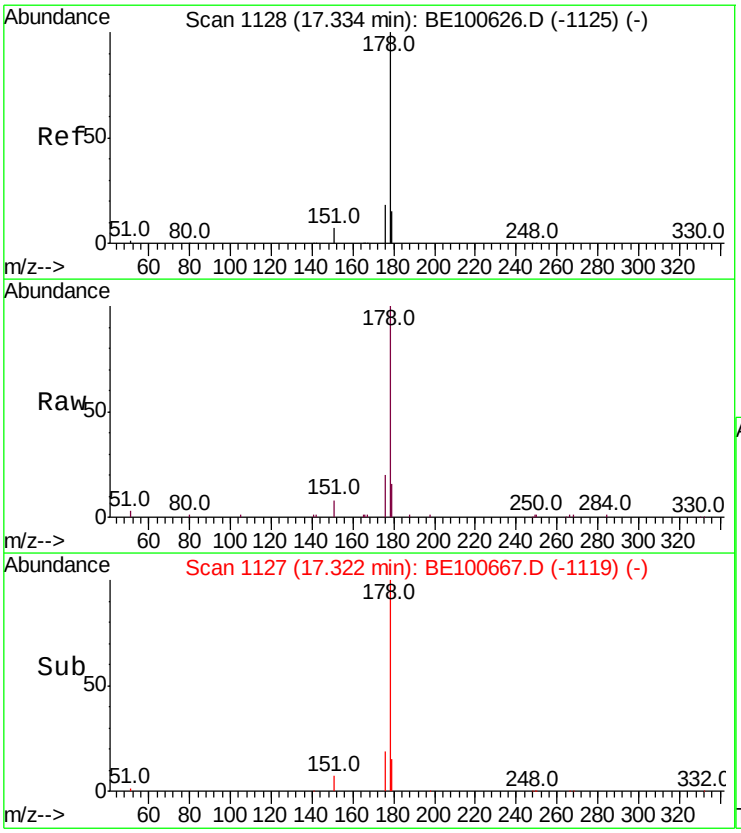
#23
Phenanthrene
Concen: 0.356 ng
RT: 17.24 min Scan# 1121
Delta R.T. 0.00 min
Lab File: BE100667.D
Acq: 23 Oct 2019 18:29

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 18930

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.2	22.8
179	15.2	12.1	18.1

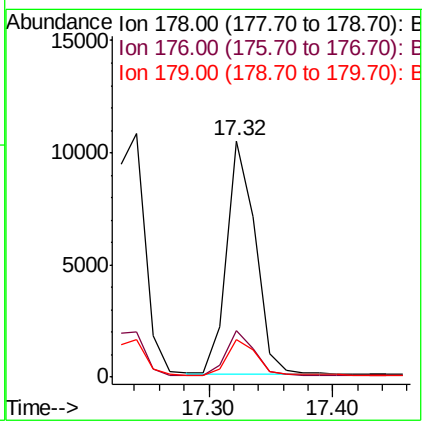


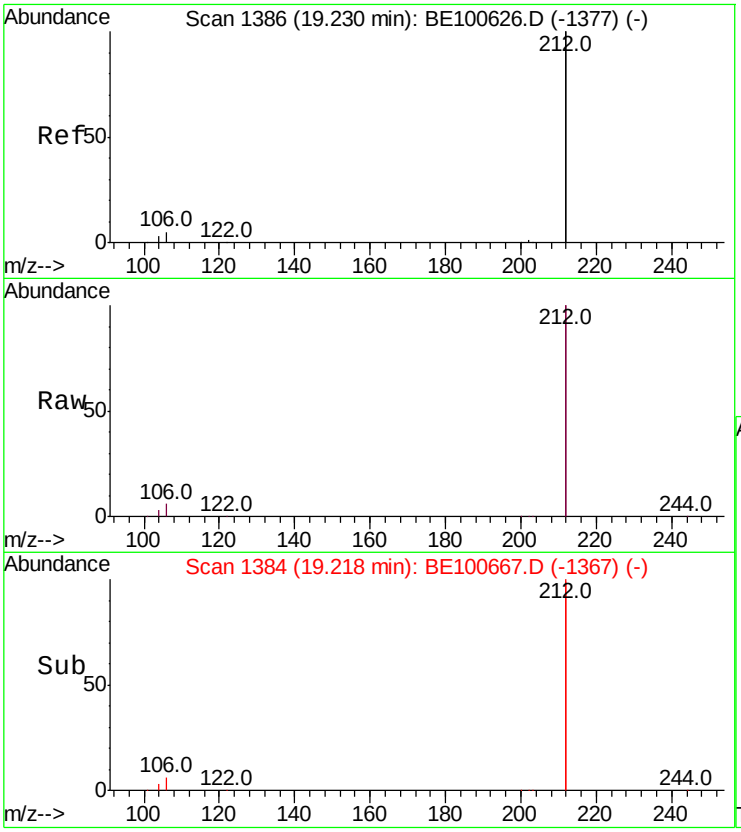


#24
Anthracene
Concen: 0.335 ng
RT: 17.32 min Scan# 1127
Delta R.T. 0.00 min
Lab File: BE100667.D
Acq: 23 Oct 2019 18:29

Tgt Ion:178 Resp: 16538

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.0	22.4
179	15.7	12.5	18.7



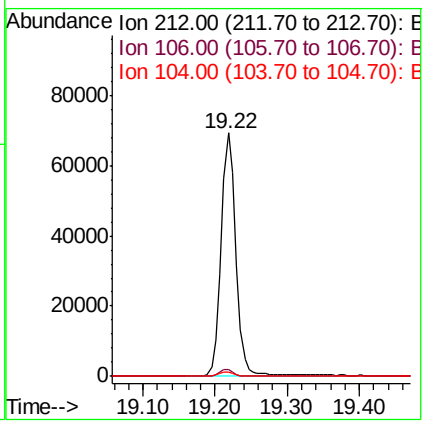


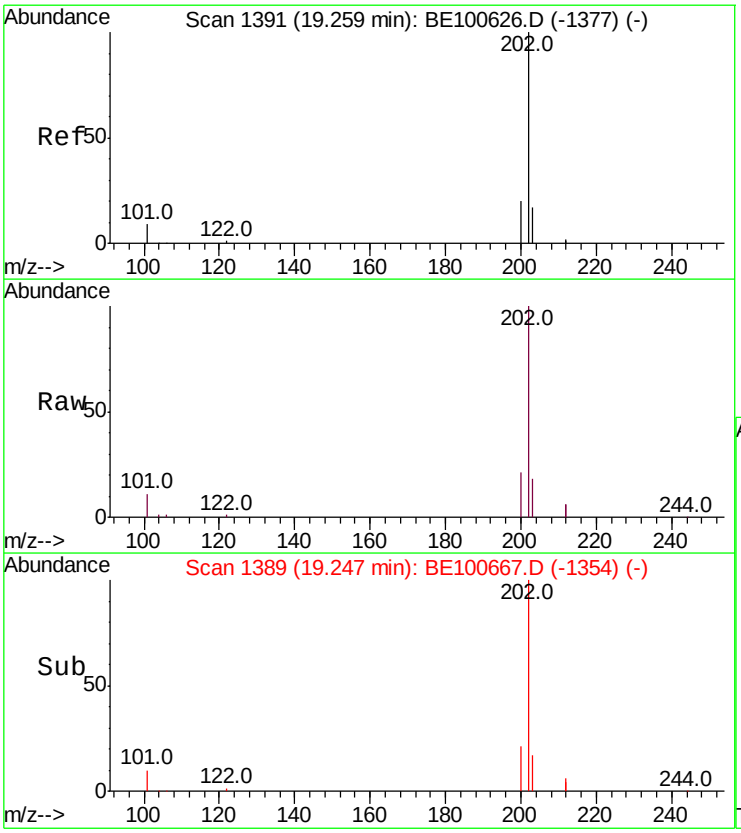
#25
Fluoranthene-d10
Concen: 0.387 ng
RT: 19.22 min Scan# 1384
Delta R.T. -0.00 min
Lab File: BE100667.D
Acq: 23 Oct 2019 18:29

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:212 Resp: 96572

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

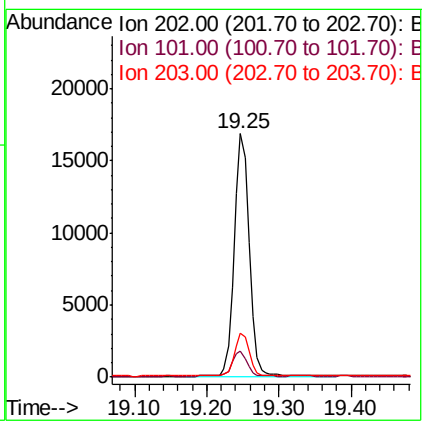


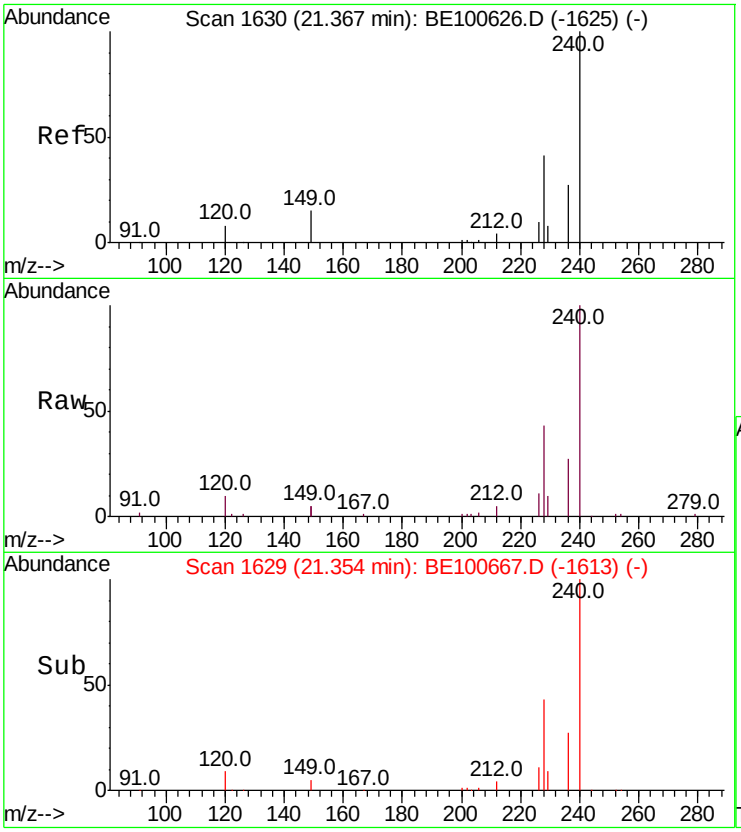


#26
Fluoranthene
Concen: 0.347 ng
RT: 19.25 min Scan# 1389
Delta R.T. -0.00 min
Lab File: BE100667.D
Acq: 23 Oct 2019 18:29

Tgt Ion:202 Resp: 24123

Ion	Ratio	Lower	Upper
202	100		
101	10.1	8.5	12.7
203	17.2	13.8	20.8



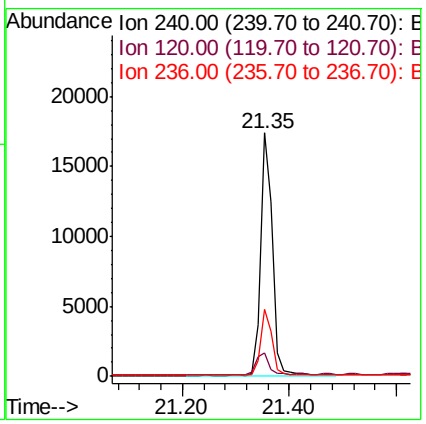


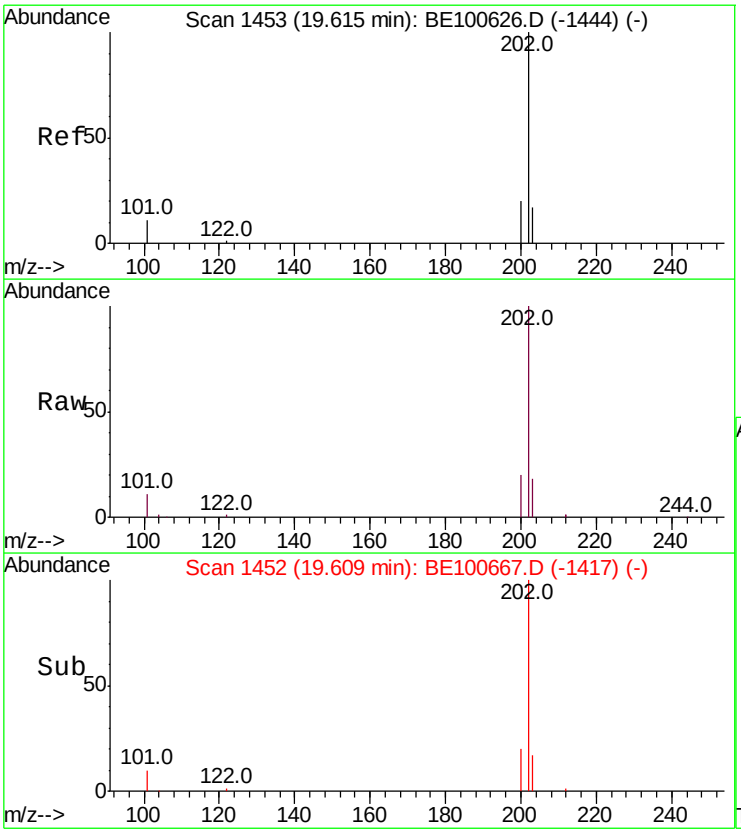
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.35 min Scan# 1629
Delta R.T. -0.00 min
Lab File: BE100667.D
Acq: 23 Oct 2019 18:29

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:240 Resp: 26290

Ion	Ratio	Lower	Upper
240	100		
120	9.6	7.6	11.4
236	27.4	22.1	33.1

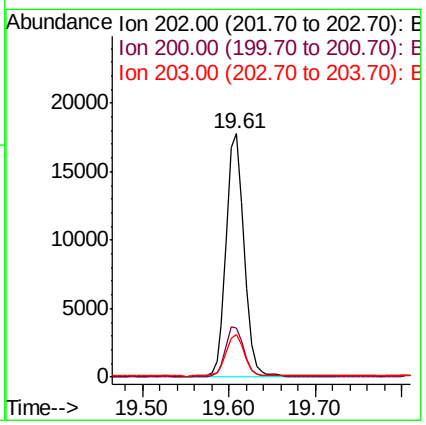


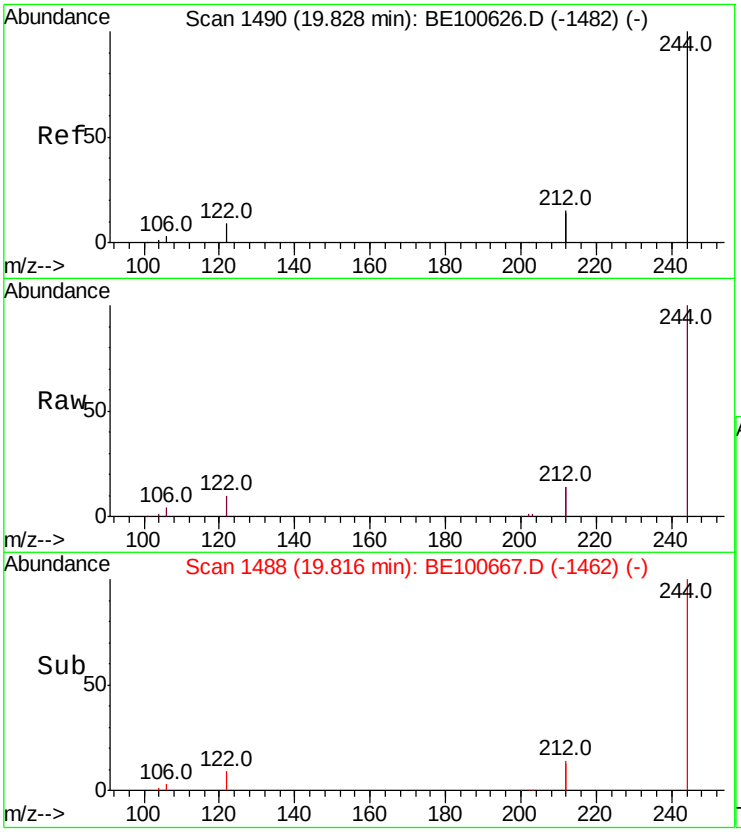


#28
Pyrene
Concen: 0.341 ng
RT: 19.61 min Scan# 1452
Delta R.T. -0.00 min
Lab File: BE100667.D
Acq: 23 Oct 2019 18:29

Tgt Ion:202 Resp: 25064

Ion	Ratio	Lower	Upper
202	100		
200	21.0	16.7	25.1
203	17.9	14.0	21.0



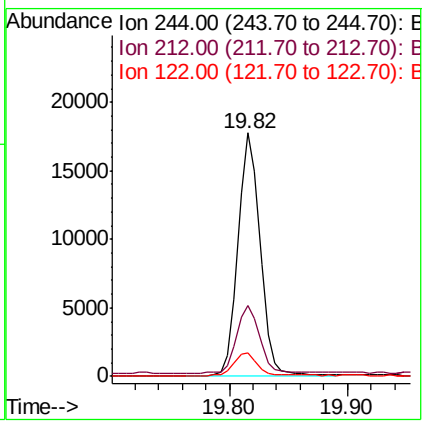


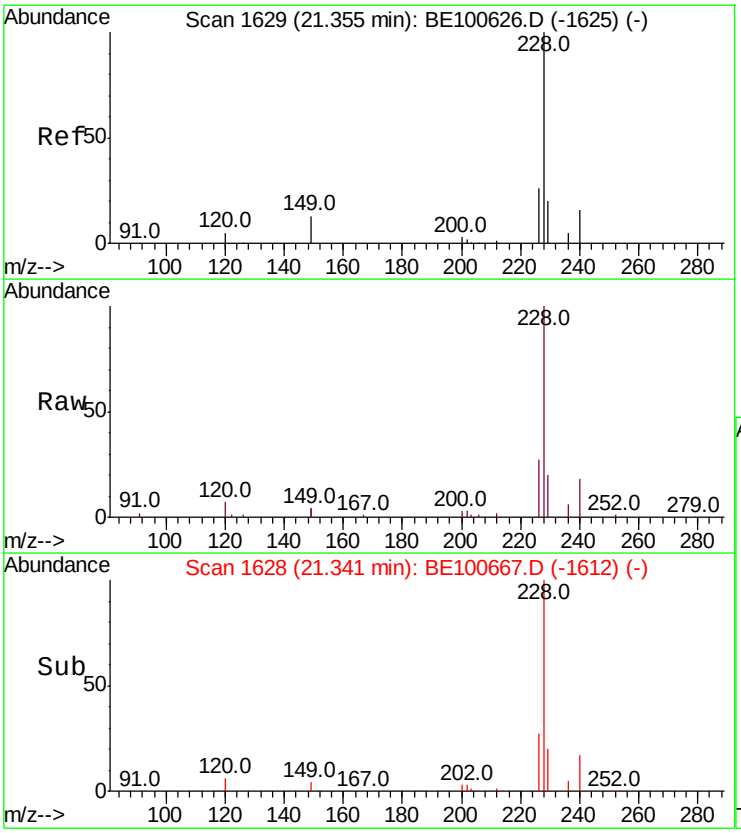
#29
Terphenyl-d14
Concen: 0.398 ng
RT: 19.82 min Scan# 1488
Delta R.T. -0.00 min
Lab File: BE100667.D
Acq: 23 Oct 2019 18:29

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:244 Resp: 22891

Ion	Ratio	Lower	Upper
244	100		
212	28.9	23.7	35.5
122	9.6	7.9	11.9

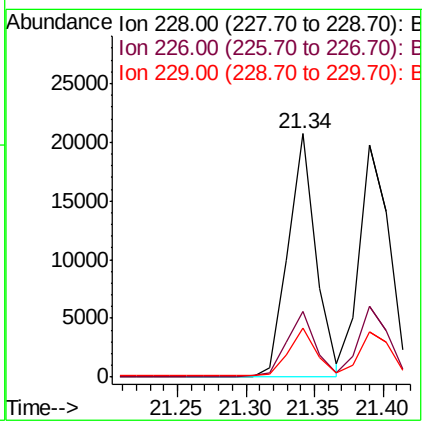


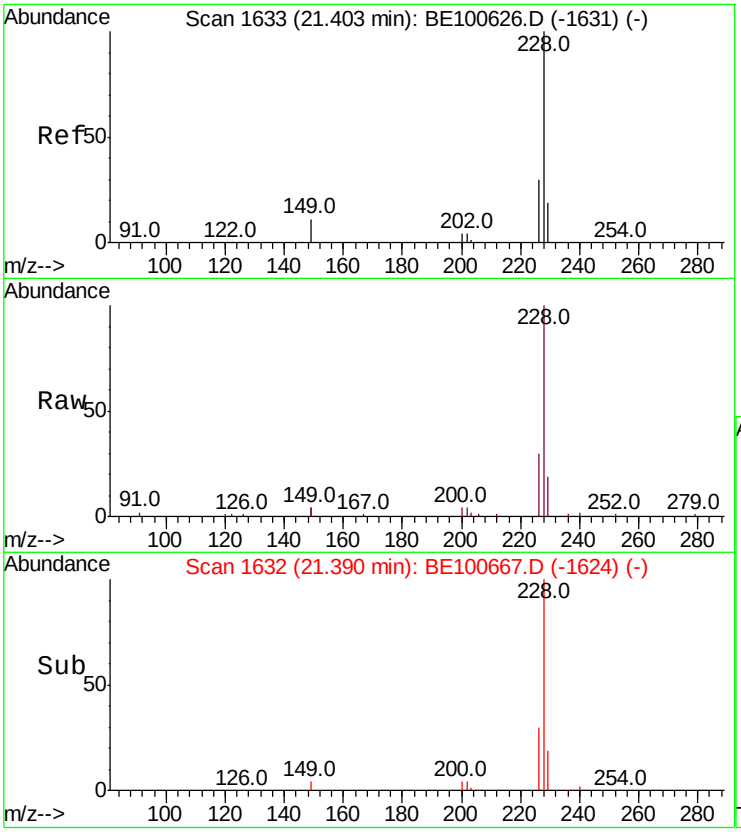


#30
Benzo(a)anthracene
Concen: 0.336 ng
RT: 21.34 min Scan# 1628
Delta R.T. -0.00 min
Lab File: BE100667.D
Acq: 23 Oct 2019 18:29

Tgt Ion:228 Resp: 28834

Ion	Ratio	Lower	Upper
228	100		
226	27.2	21.4	32.0
229	19.9	16.0	24.0



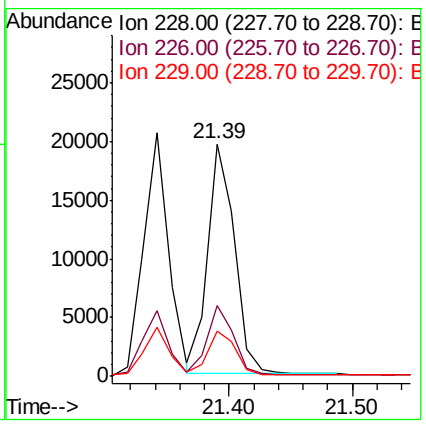


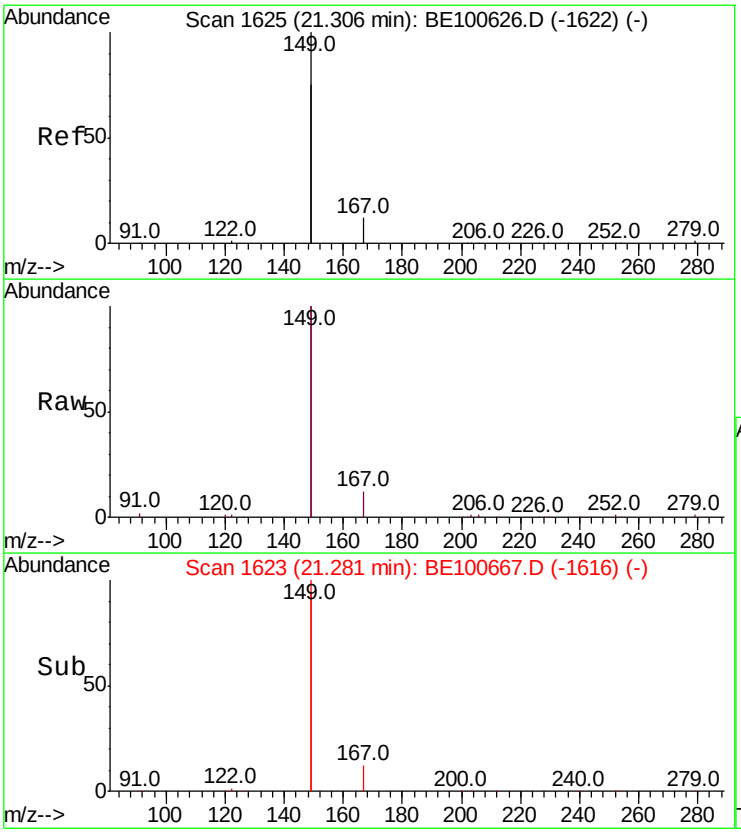
#31
Chrysene
Concen: 0.349 ng
RT: 21.39 min Scan# 1632
Delta R.T. -0.00 min
Lab File: BE100667.D
Acq: 23 Oct 2019 18:29

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 29935

Ion	Ratio	Lower	Upper
228	100		
226	30.3	24.6	37.0
229	19.4	15.8	23.8

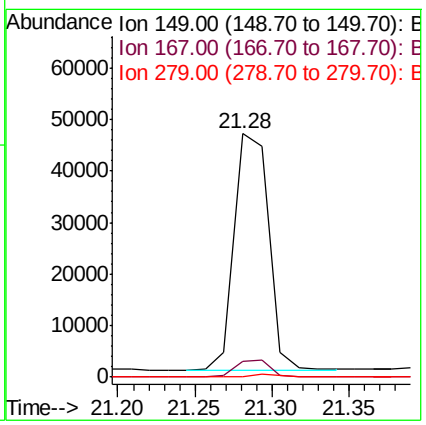


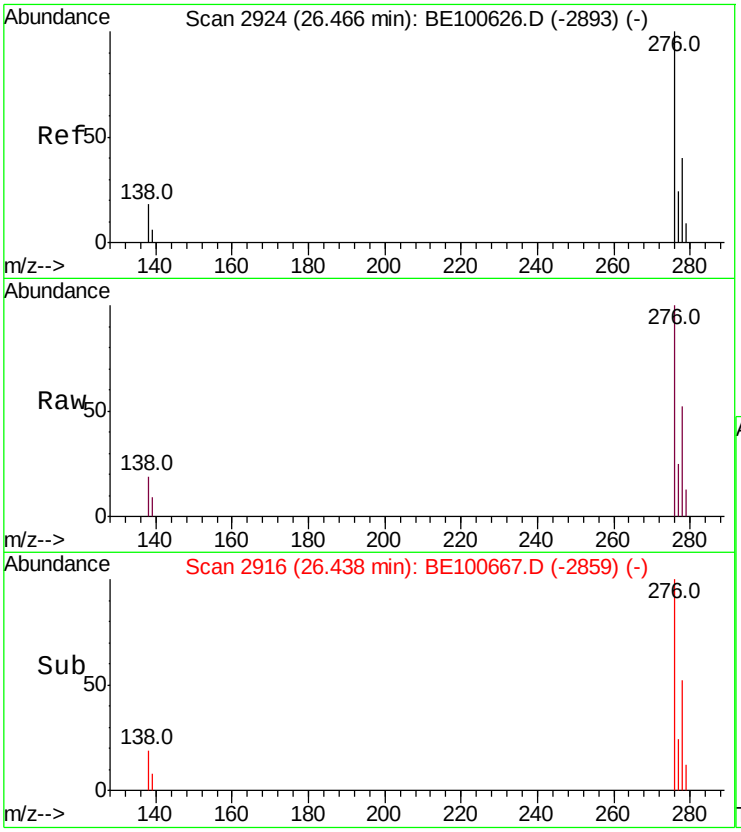


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.394 ng
RT: 21.28 min Scan# 1623
Delta R.T. -0.01 min
Lab File: BE100667.D
Acq: 23 Oct 2019 18:29

Tgt Ion:149 Resp: 70719

Ion	Ratio	Lower	Upper
149	100		
167	6.9	5.5	8.3
279	1.0	0.9	1.3



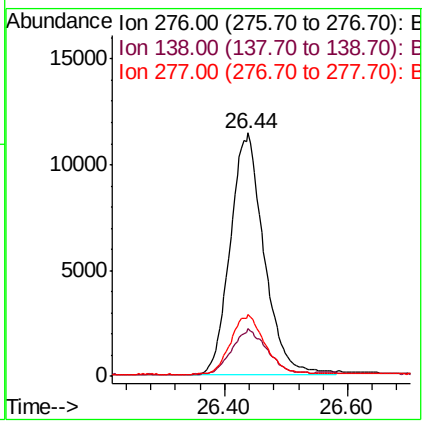


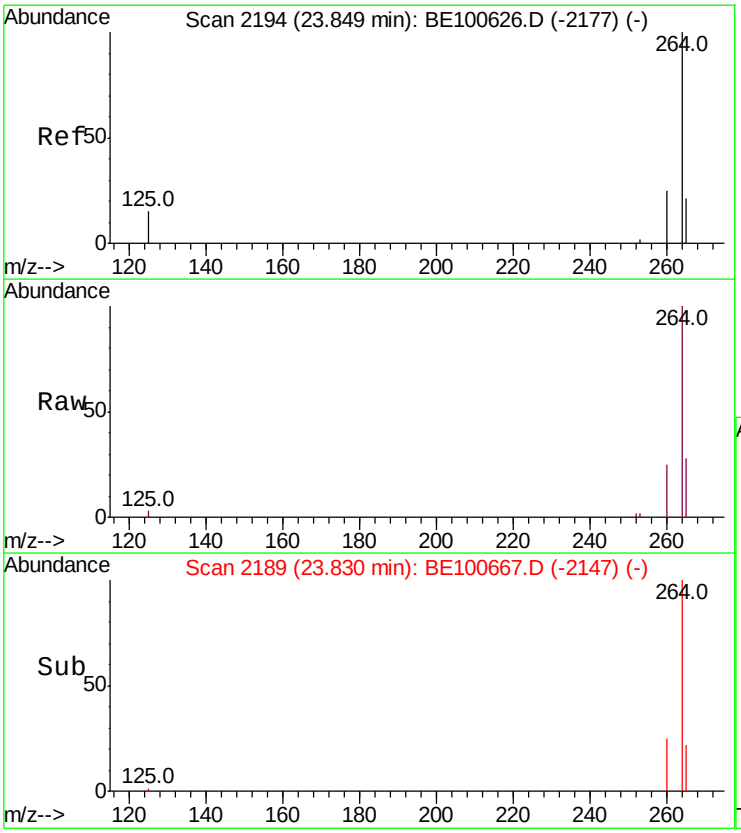
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.412 ng
RT: 26.44 min Scan# 2916
Delta R.T. 0.00 min
Lab File: BE100667.D
Acq: 23 Oct 2019 18:29

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 43436

Ion	Ratio	Lower	Upper
276	100		
138	19.4	15.3	22.9
277	24.8	19.4	29.2

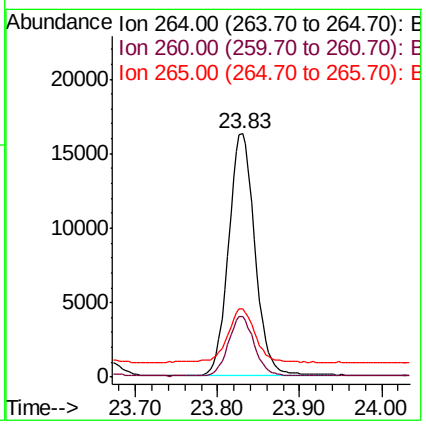


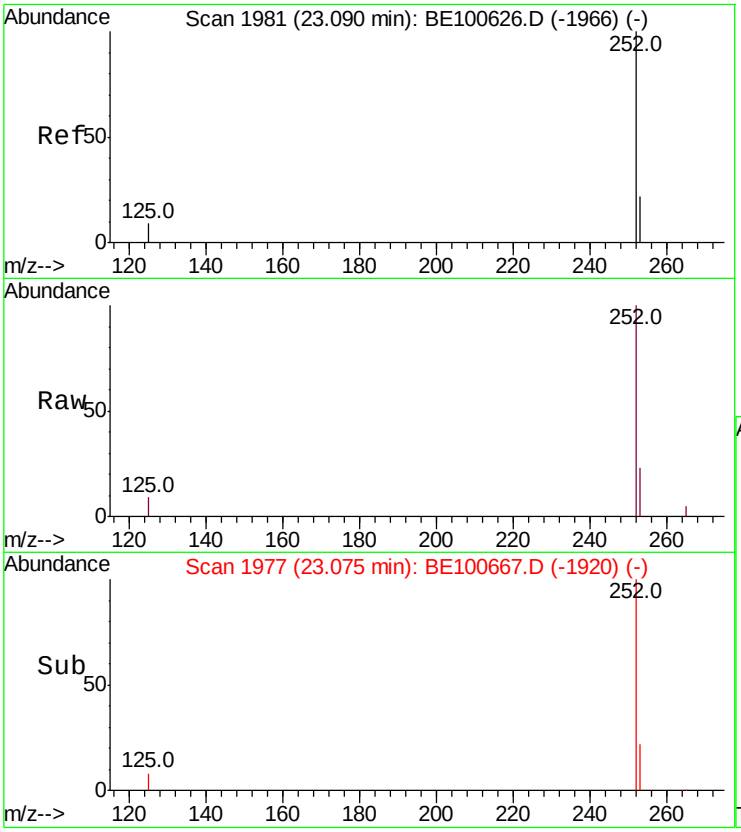


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.83 min Scan# 2189
Delta R.T. -0.00 min
Lab File: BE100667.D
Acq: 23 Oct 2019 18:29

Tgt Ion:264 Resp: 36270

Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.4	29.2
265	28.0	21.7	32.5



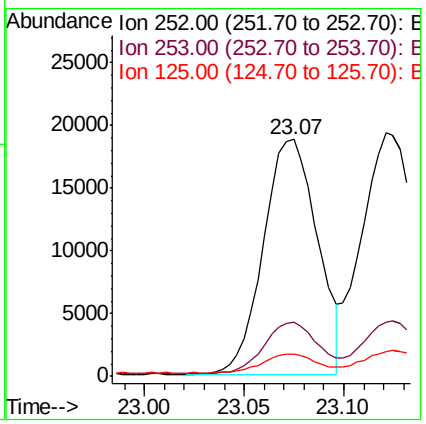


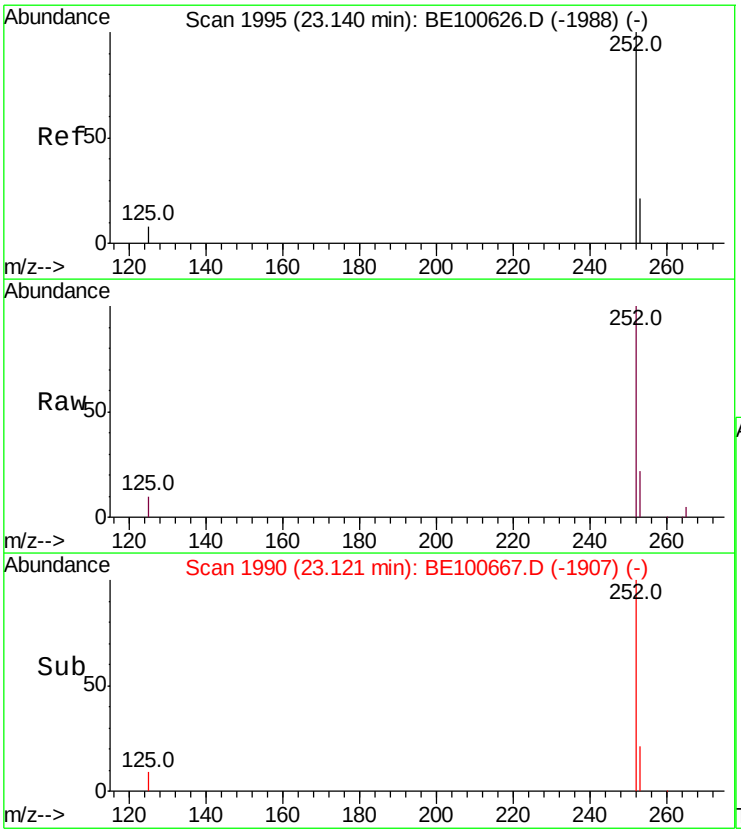
#35
Benzo(b)fluoranthene
Concen: 0.333 ng
RT: 23.07 min Scan# 1977
Delta R.T. 0.00 min
Lab File: BE100667.D
Acq: 23 Oct 2019 18:29

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 35213

Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.4	27.6
125	9.5	7.6	11.4

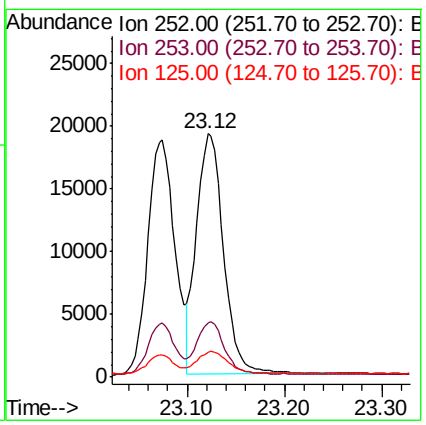


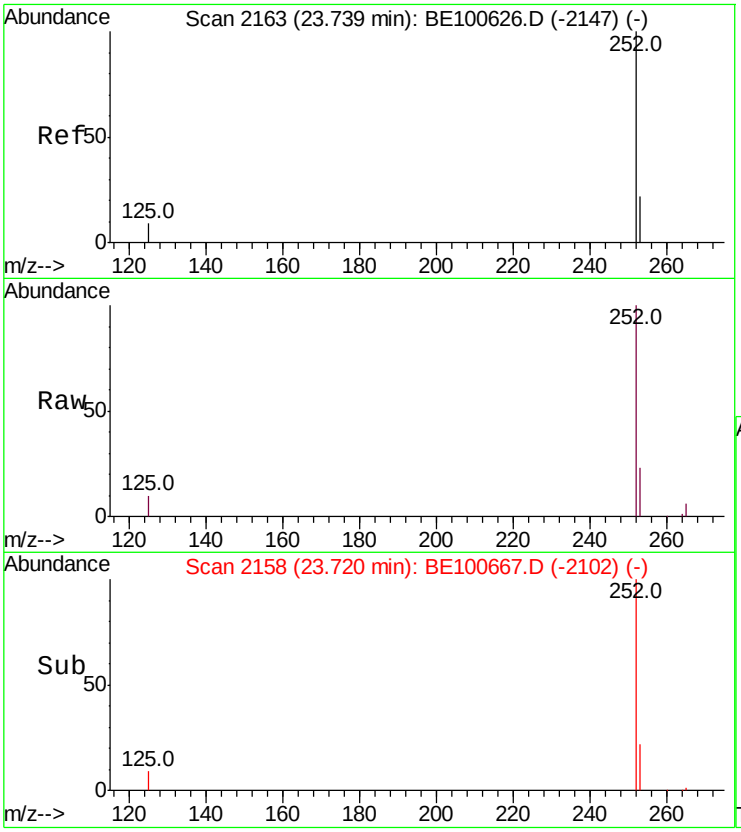


#36
Benzo(k)fluoranthene
Concen: 0.341 ng
RT: 23.12 min Scan# 1990
Delta R.T. -0.00 min
Lab File: BE100667.D
Acq: 23 Oct 2019 18:29

Tgt Ion:252 Resp: 37038

Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.4	27.6
125	10.0	11.6	17.4#



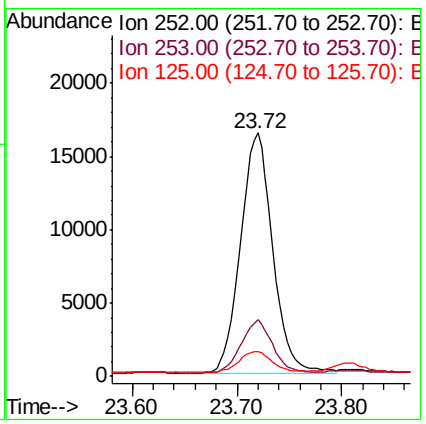


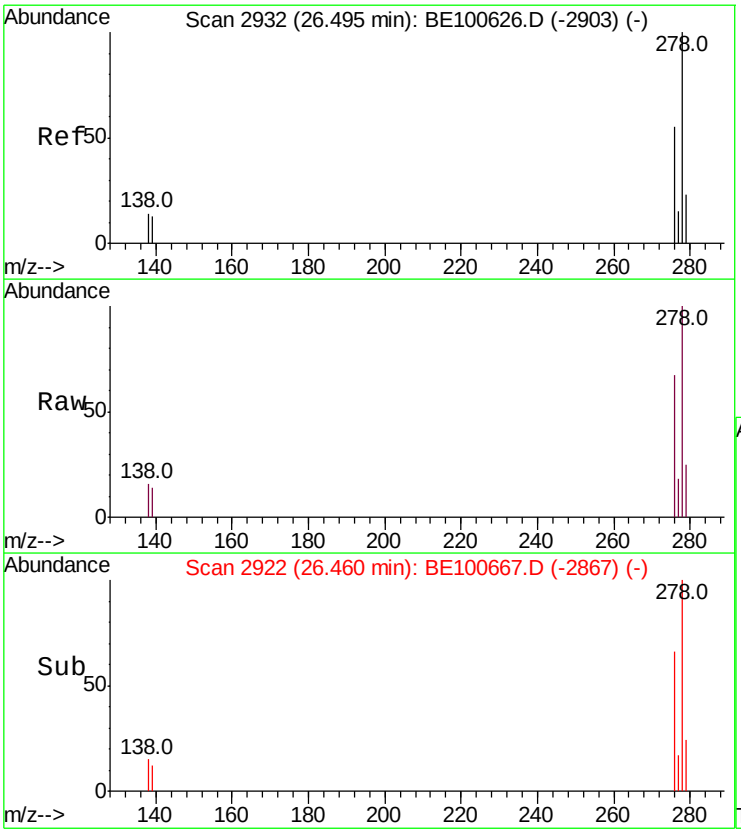
#37
Benzo(a)pyrene
Concen: 0.358 ng
RT: 23.72 min Scan# 2158
Delta R.T. -0.00 min
Lab File: BE100667.D
Acq: 23 Oct 2019 18:29

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 35246

Ion	Ratio	Lower	Upper
252	100		
253	23.3	18.4	27.6
125	10.4	8.2	12.4

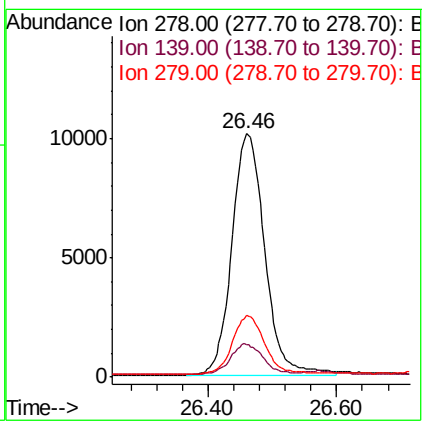


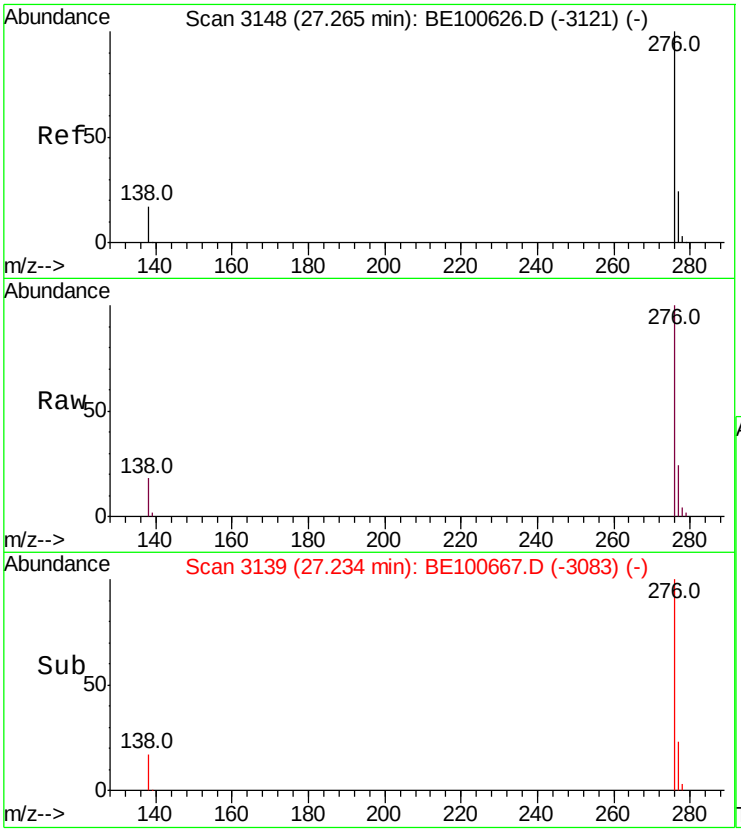


#38
Dibenzo(a,h)anthracene
Concen: 0.356 ng
RT: 26.46 min Scan# 2922
Delta R.T. -0.00 min
Lab File: BE100667.D
Acq: 23 Oct 2019 18:29

Tgt Ion:278 Resp: 36218

Ion	Ratio	Lower	Upper
278	100		
139	13.5	10.9	16.3
279	25.3	19.4	29.2





#39
Benzo(g,h,i)perylene
Concen: 0.366 ng
RT: 27.23 min Scan# 3139
Delta R.T. 0.00 min
Lab File: BE100667.D
Acq: 23 Oct 2019 18:29

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 37486

Ion	Ratio	Lower	Upper
276	100		
277	24.2	19.4	29.0
138	17.7	13.6	20.4