Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE061919\
Data File : BE100091.D
Acq On : 19 Jun 2019 20:29
Operator : JU/SJ
Sample : K3309-09MSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SS043MW010-190611MSD

Quant Time: Jun 20 03:51:07 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE061919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 19 15:07:24 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	820	0.40	ng		-0.01
7) Naphthalene-d8	10.52	136	2841	0.40	ng		-0.01
13) Acenaphthene-d10	14.41	164	2197	0.40	ng		0.00
19) Phenanthrene-d10	17.15	188	6873	0.40	ng		-0.01
27) Chrysene-d12	21.34	240	10508	0.40	ng		0.00
34) Perylene-d12	23.84	264	12019	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.30	112	334	0.20	ng		0.00
5) Phenol-d6	6.90	99	267	0.11	ng		-0.02
8) Nitrobenzene-d5	8.89	82	1197	0.43	ng		-0.03
11) 2-Methylnaphthalene-d10	12.14	152	2636	0.49	ng		-0.01
14) 2,4,6-Tribromophenol	15.90	330	608	0.50	ng		-0.01
15) 2-Fluorobiphenyl	13.03	172	3988	0.46	ng		-0.01
25) Fluoranthene-d10	19.19	212	32533	0.33	ng		0.00
29) Terphenyl-d14	19.79	244	9506	0.45	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.20	88	3089	2.348	ng		93
3) n-Nitrosodimethylamine	3.53	42	44	0.392	ng	#	100
6) bis(2-Chloroethyl)ether	7.16	93	1377	0.605	ng		89
9) Naphthalene	10.58	128	13516	0.438	ng		99
10) Hexachlorobutadiene	10.85	225	906	0.299	ng		97
12) 2-Methylnaphthalene	12.21	142	1955	0.385	ng		97
16) Acenaphthylene	14.13	152	4041	0.387	ng	#	93
17) Acenaphthene	14.47	154	46456	7.966	ng		94
18) Fluorene	15.45	166	51242	5.900	ng		100
20) 4-Bromophenyl-phenylether	16.35	248	1496	0.366	ng		96
21) Hexachlorobenzene	16.45	284	1443	0.320	ng		100
22) Pentachlorophenol	16.81	266	1670	1.382	ng	#	78
23) Phenanthrene	17.19	178	59456	3.611	ng		99
24) Anthracene	17.28	178	18280	1.316	ng	#	95
26) Fluoranthene	19.22	202	25443	0.963	ng		99
28) Pyrene	19.59	202	19568	0.725	ng		96
30) Benzo(a)anthracene	21.33	228	13743	0.440	ng		97
31) Chrysene	21.38	228	12839	0.353	ng		97
32) Bis(2-ethylhexyl)phthalate	21.25	149	23459	0.795	ng		99
33) Indeno(1,2,3-cd)pyrene	26.47	276	14165	0.347	ng	#	96
35) Benzo(b)fluoranthene	23.12	252	12553	0.356	ng		96
36) Benzo(k)fluoranthene	23.12	252	12553	0.313	ng		96
37) Benzo(a)pyrene	23.72	252	12098	0.355	ng	#	93
38) Dibenzo(a,h)anthracene	26.50	278	11544	0.331	ng		100
39) Benzo(g,h,i)perylene	27.29	276	11987	0.331	ng		98

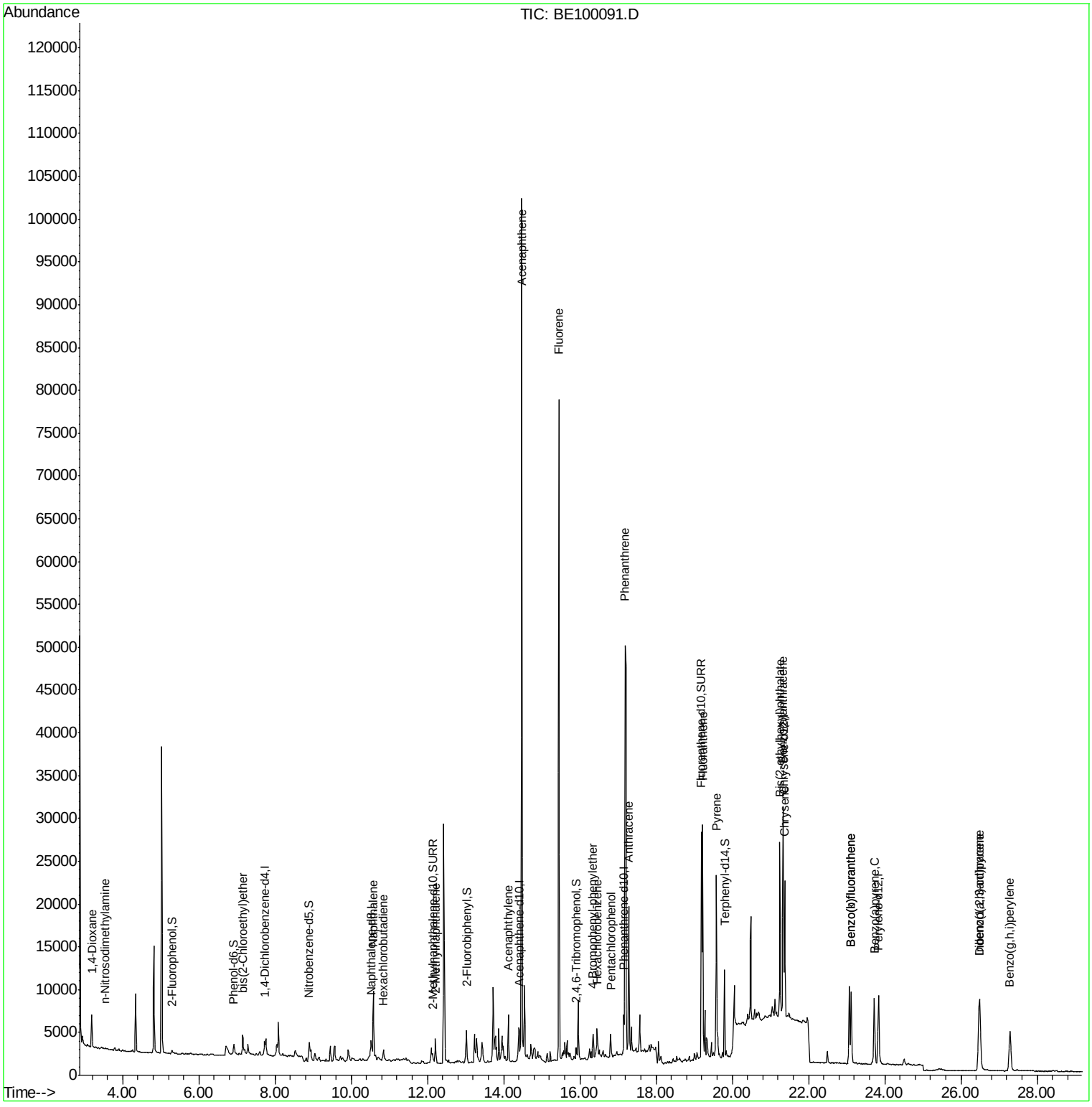
(#) = qualifier out of range (m) = manual integration (+) = signals summed

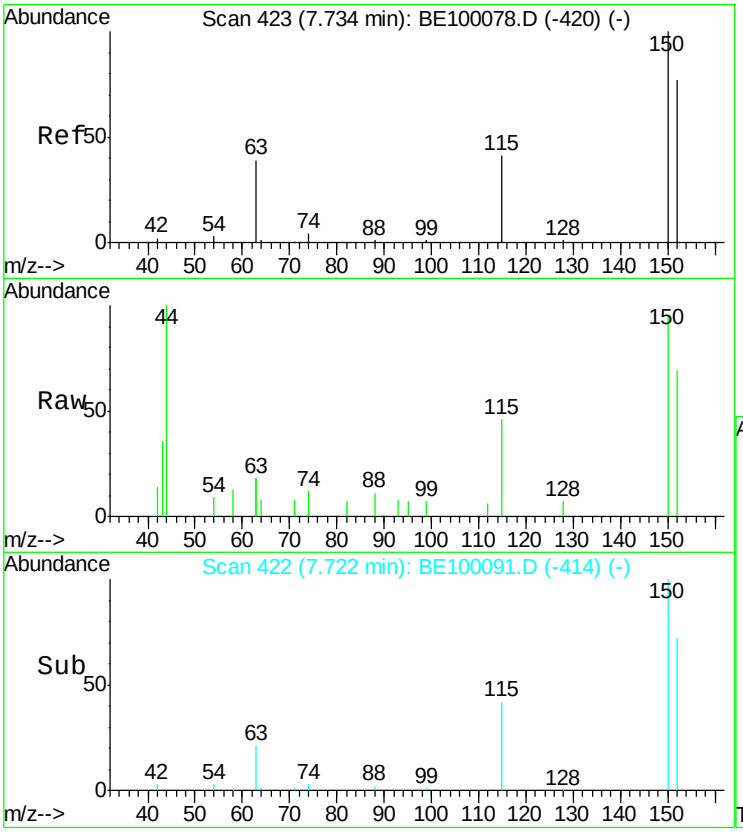
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE061919\
Data File : BE100091.D
Acq On : 19 Jun 2019 20:29
Operator : JU/SJ
Sample : K3309-09MSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SS043MW010-190611MSD

Quant Time: Jun 20 03:51:07 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE061919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 19 15:07:24 2019
Response via : Initial Calibration



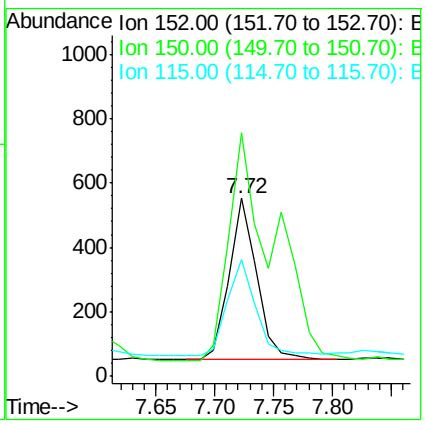


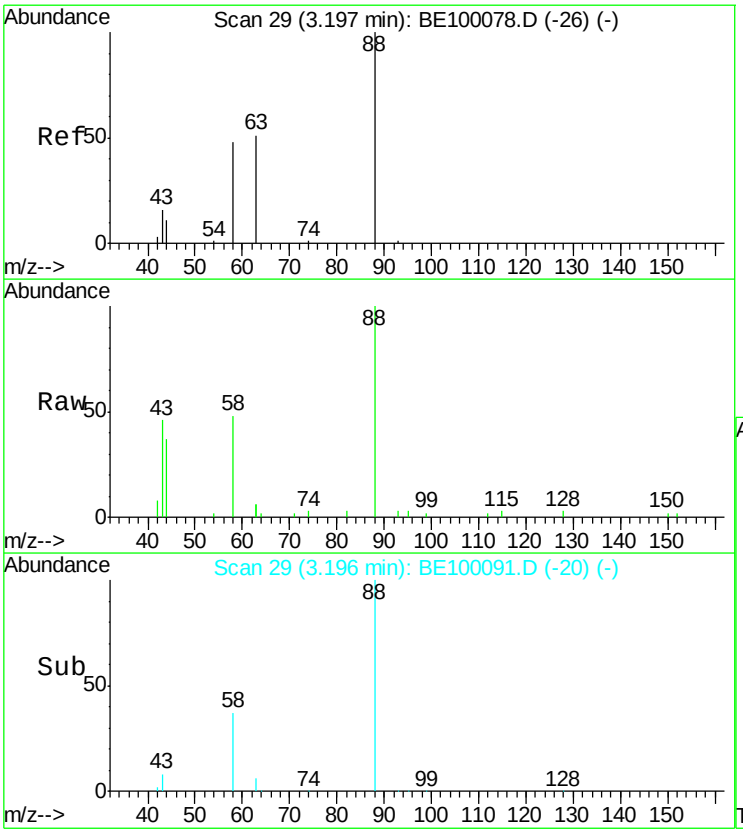
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.72 min Scan# 422
Delta R.T. -0.01 min
Lab File: BE100091.D
Acq: 19 Jun 2019 20:29

Instrument :
BNA_E
ClientSampleId :
SS043MW010-190611MSD

Tgt Ion:152 Resp: 820

Ion	Ratio	Lower	Upper
152	100		
150	137.0	99.8	149.8
115	65.9	51.3	76.9

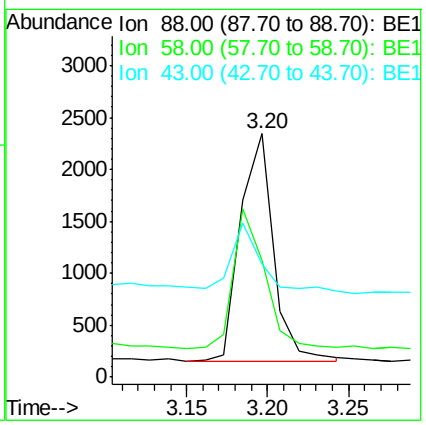


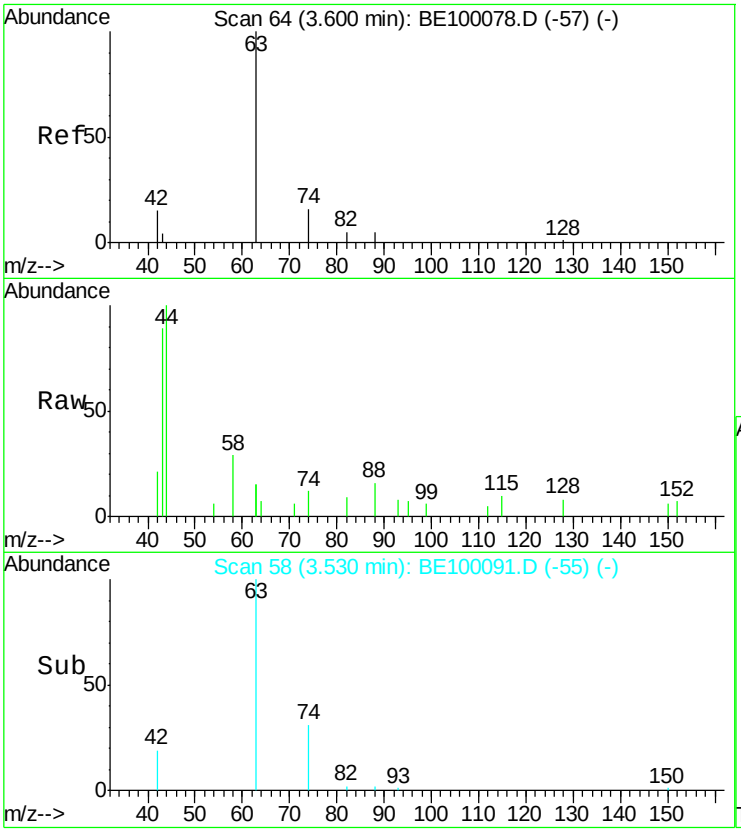


#2
1,4-Dioxane
Concen: 2.348 ng
RT: 3.20 min Scan# 29
Delta R.T. -0.00 min
Lab File: BE100091.D
Acq: 19 Jun 2019 20:29

Tgt Ion: 88 Resp: 3089

Ion	Ratio	Lower	Upper
88	100		
58	57.9	51.1	76.7
43	24.9	21.7	32.5



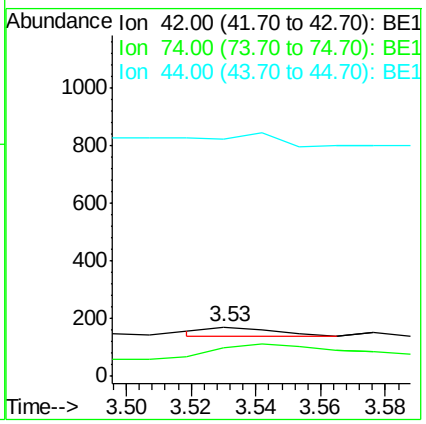


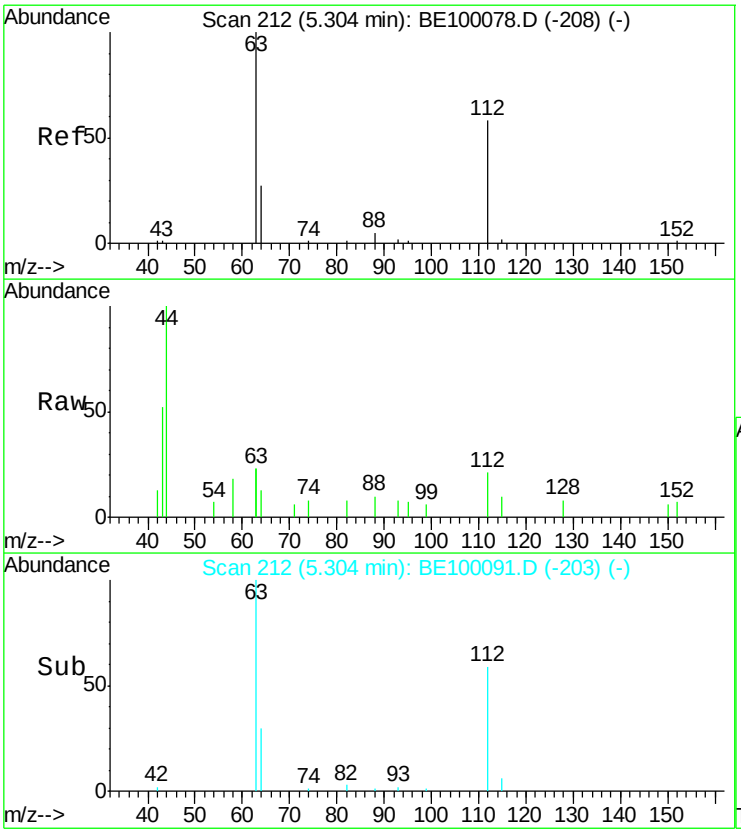
#3
n-Nitrosodimethylamine
Concen: 0.392 ng
RT: 3.53 min Scan# 58
Delta R.T. -0.07 min
Lab File: BE100091.D
Acq: 19 Jun 2019 20:29

Instrument :
BNA_E
ClientSampleId :
SS043MW010-190611MSD

Tgt Ion: 42 Resp: 44

Ion	Ratio	Lower	Upper
42	100		
74	315.9	0.0	0.0#
44	0.0	0.0	0.0

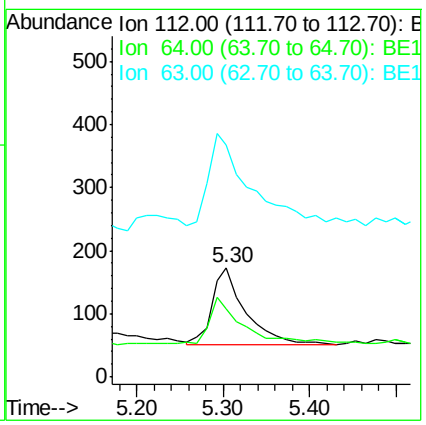


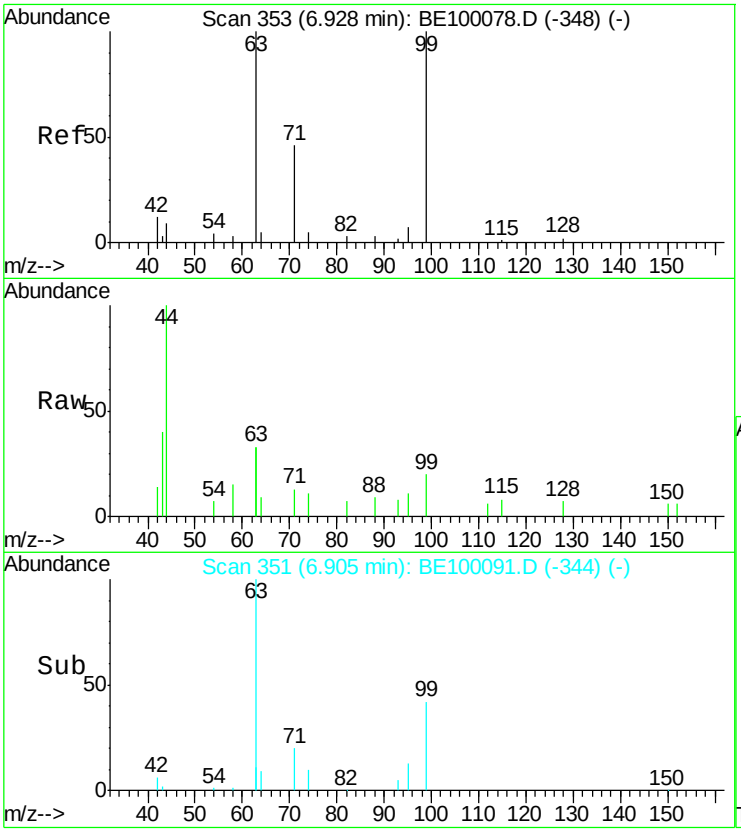


#4
2-Fluorophenol
Concen: 0.196 ng
RT: 5.30 min Scan# 212
Delta R.T. -0.00 min
Lab File: BE100091.D
Acq: 19 Jun 2019 20:29

Tgt Ion:112 Resp: 334

Ion	Ratio	Lower	Upper
112	100		
64	63.5	22.0	33.0#
63	151.8	121.8	182.6



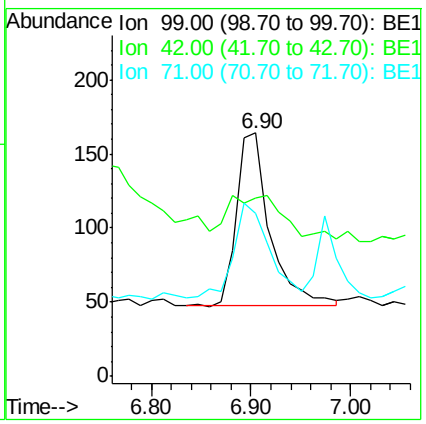


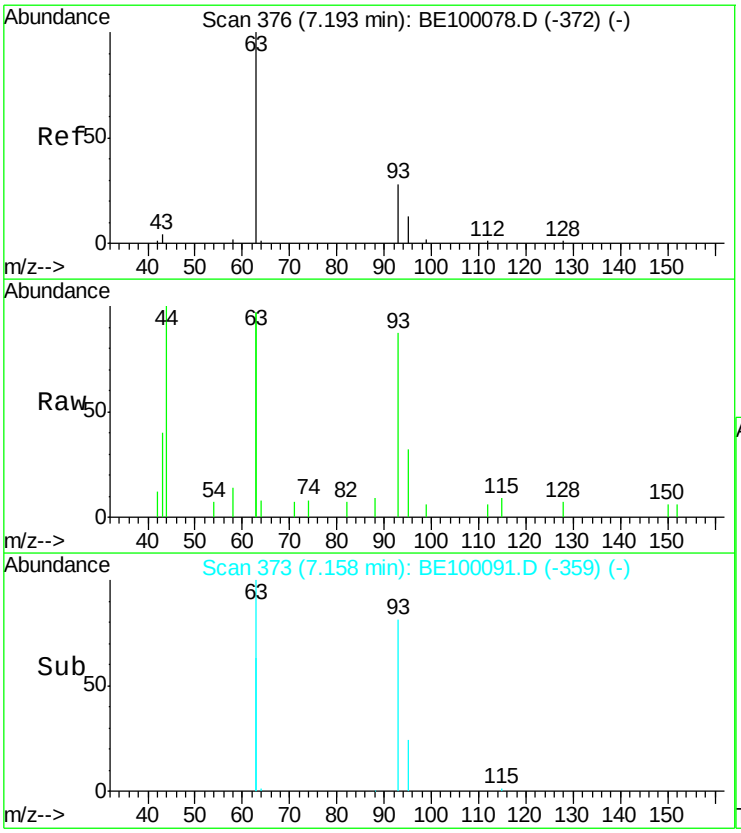
#5
Phenol-d6
Concen: 0.114 ng
RT: 6.90 min Scan# 351
Delta R.T. -0.02 min
Lab File: BE100091.D
Acq: 19 Jun 2019 20:29

Instrument :
BNA_E
ClientSampleId :
SS043MW010-190611MSD

Tgt Ion: 99 Resp: 267

Ion	Ratio	Lower	Upper
99	100		
42	0.0	0.0	0.0
71	59.2	37.6	56.4#

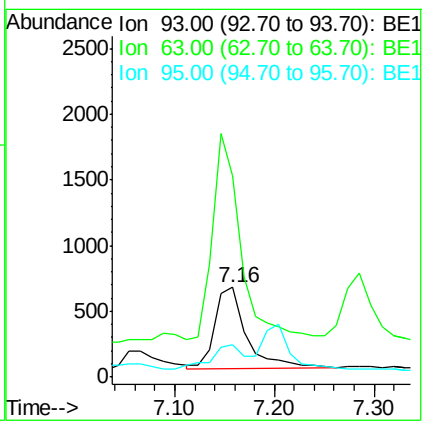


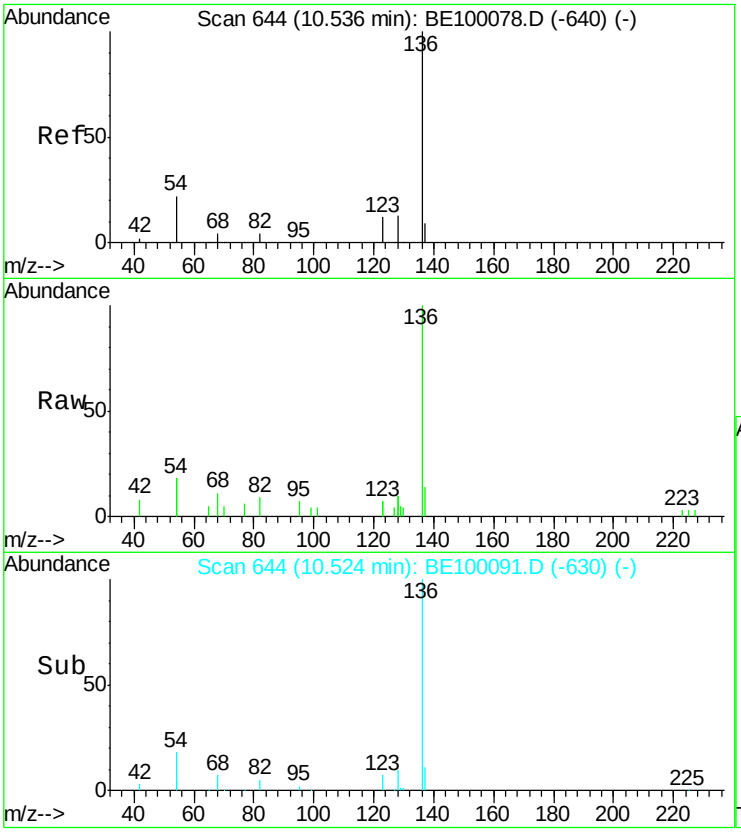


#6
bis(2-Chloroethyl)ether
Concen: 0.605 ng
RT: 7.16 min Scan# 373
Delta R.T. -0.03 min
Lab File: BE100091.D
Acq: 19 Jun 2019 20:29

Tgt Ion: 93 Resp: 1377

Ion	Ratio	Lower	Upper
93	100		
63	229.6	200.0	300.0
95	29.6	24.0	36.0



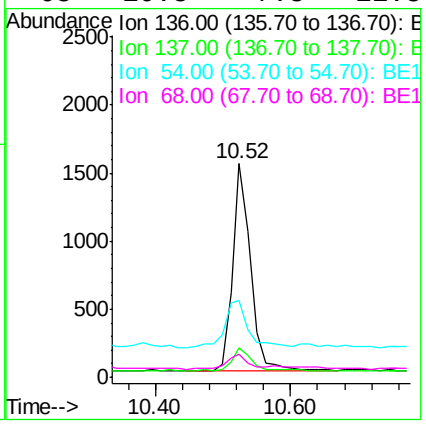


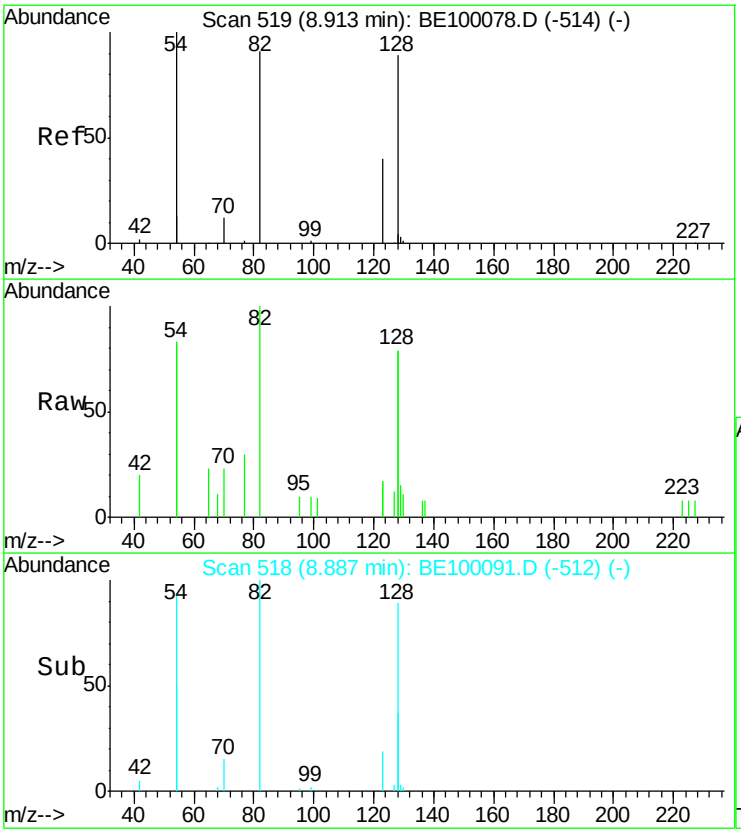
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.52 min Scan# 644
Delta R.T. -0.01 min
Lab File: BE100091.D
Acq: 19 Jun 2019 20:29

Instrument :
BNA_E
ClientSampleId :
SS043MW010-190611MSD

Tgt Ion:136 Resp: 2841

Ion	Ratio	Lower	Upper
136	100		
137	13.7	11.6	17.4
54	35.8	33.9	50.9
68	10.8	7.8	11.8

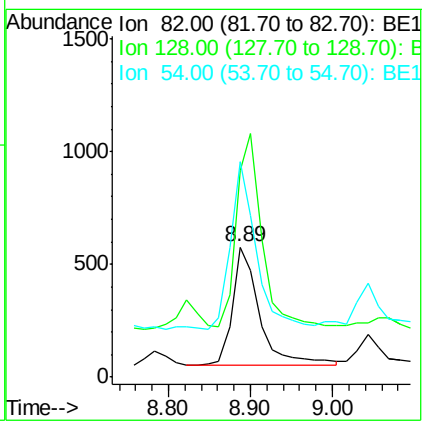


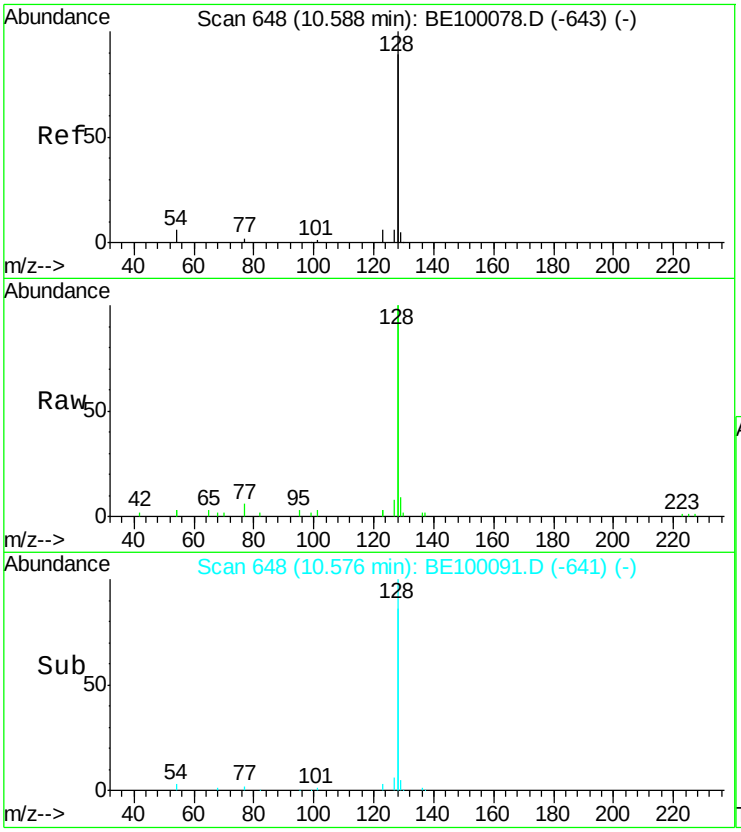


#8
Nitrobenzene-d5
Concen: 0.434 ng
RT: 8.89 min Scan# 518
Delta R.T. -0.03 min
Lab File: BE100091.D
Acq: 19 Jun 2019 20:29

Tgt Ion: 82 Resp: 1197

Ion	Ratio	Lower	Upper
82	100		
128	158.1	128.0	192.0
54	165.4	143.4	215.0



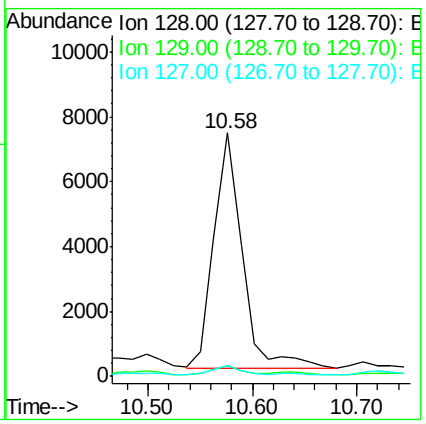


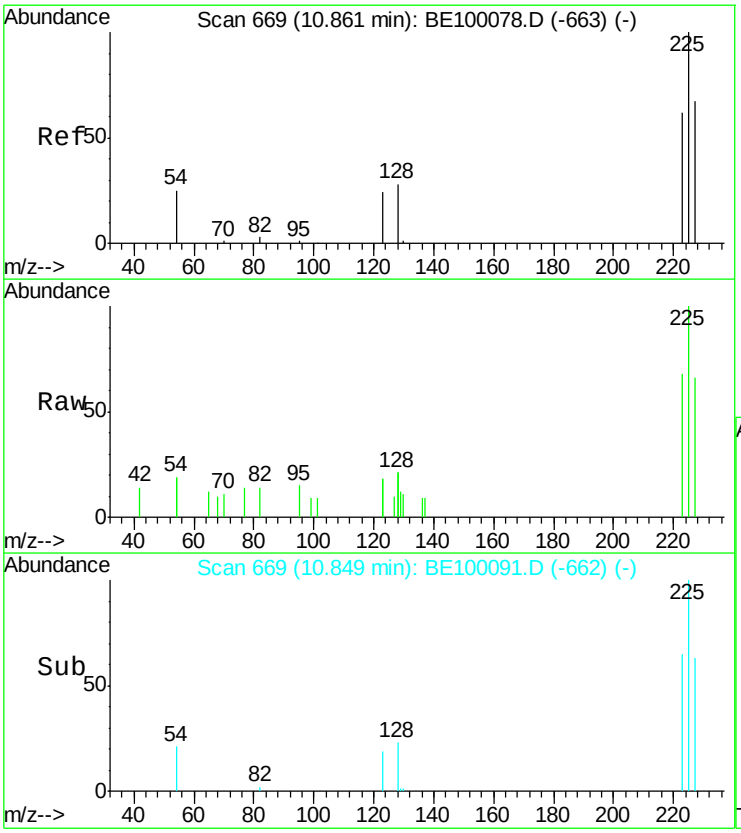
#9
Naphthalene
Concen: 0.438 ng
RT: 10.58 min Scan# 648
Delta R.T. -0.01 min
Lab File: BE100091.D
Acq: 19 Jun 2019 20:29

Instrument :
BNA_E
ClientSampleId :
SS043MW010-190611MSD

Tgt Ion:128 Resp: 13516

Ion	Ratio	Lower	Upper
128	100		
129	4.4	3.1	4.7
127	4.1	3.4	5.2

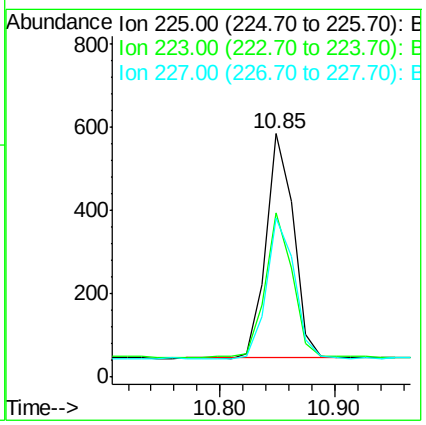


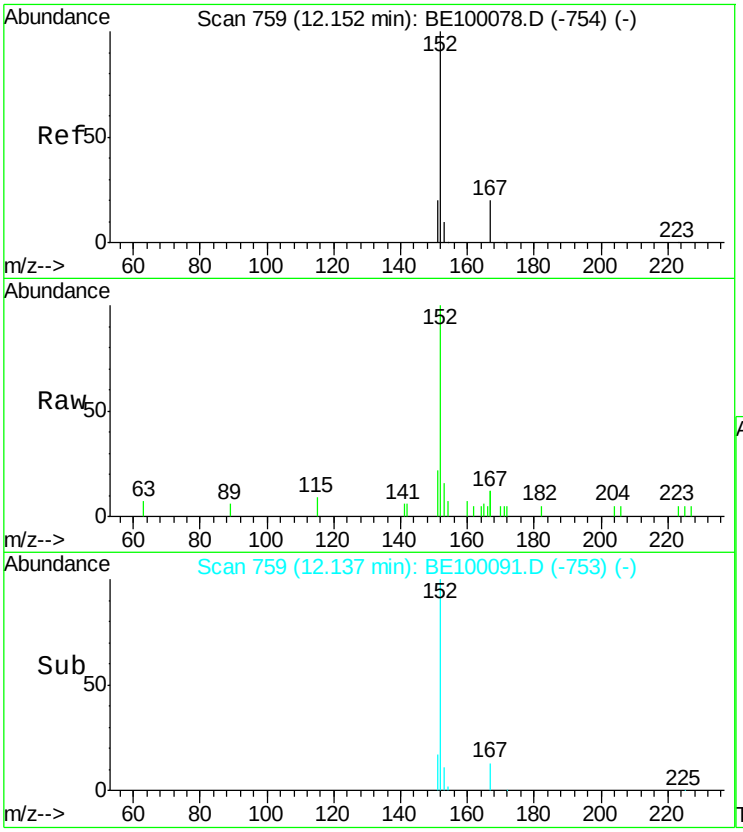


#10
Hexachlorobutadiene
Concen: 0.299 ng
RT: 10.85 min Scan# 669
Delta R.T. -0.01 min
Lab File: BE100091.D
Acq: 19 Jun 2019 20:29

Tgt Ion:225 Resp: 906

Ion	Ratio	Lower	Upper
225	100		
223	63.1	52.2	78.4
227	64.1	53.0	79.6



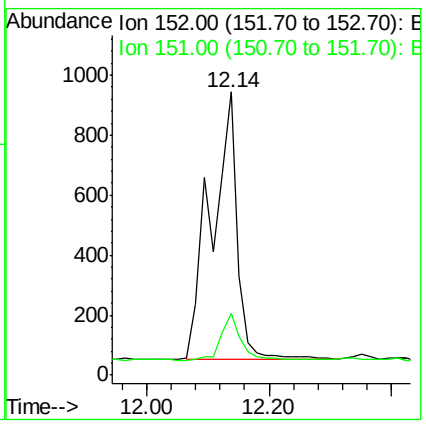


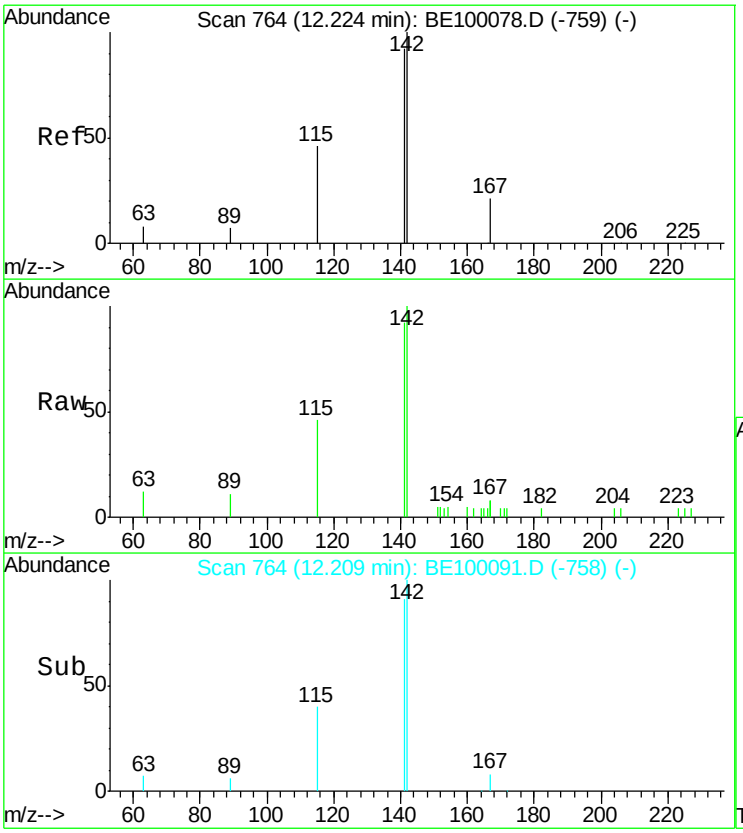
#11
2-Methylnaphthalene-d10
Concen: 0.488 ng
RT: 12.14 min Scan# 759
Delta R.T. -0.01 min
Lab File: BE100091.D
Acq: 19 Jun 2019 20:29

Instrument :
BNA_E
ClientSampleId :
SS043MW010-190611MSD

Tgt Ion:152 Resp: 2636

Ion	Ratio	Lower	Upper
152	100		
151	13.4	16.3	24.5#

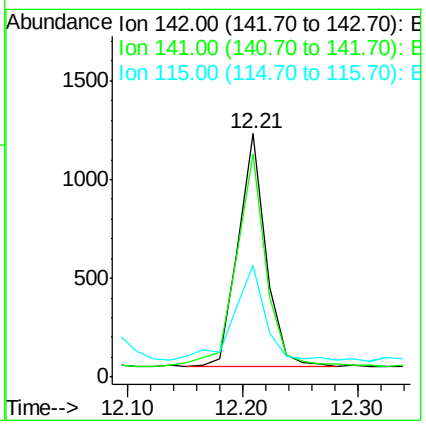


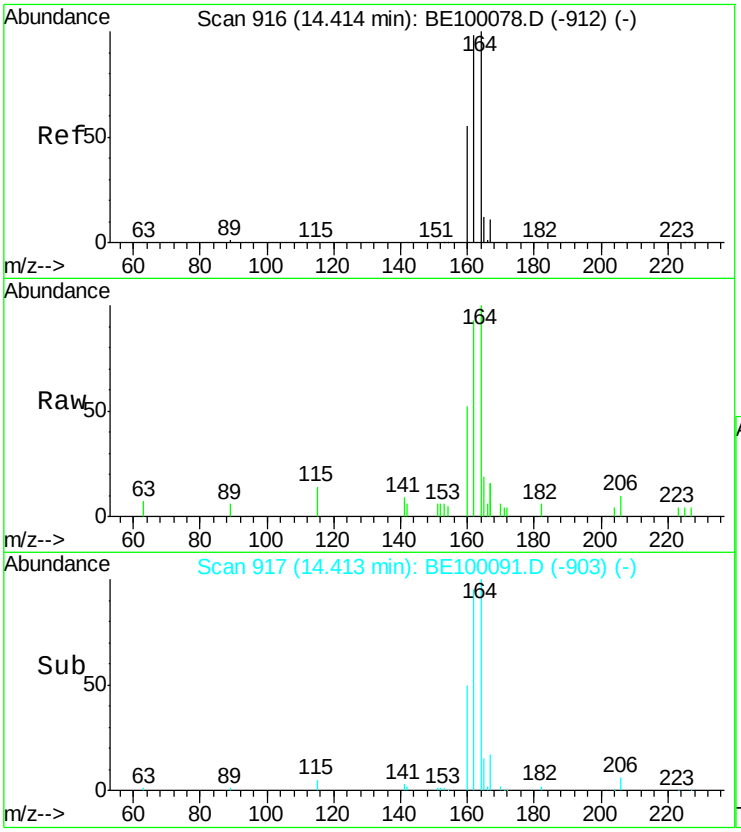


#12
2-Methylnaphthalene
Concen: 0.385 ng
RT: 12.21 min Scan# 764
Delta R.T. -0.01 min
Lab File: BE100091.D
Acq: 19 Jun 2019 20:29

Tgt Ion:142 Resp: 1955

Ion	Ratio	Lower	Upper
142	100		
141	91.9	74.1	111.1
115	45.8	40.9	61.3



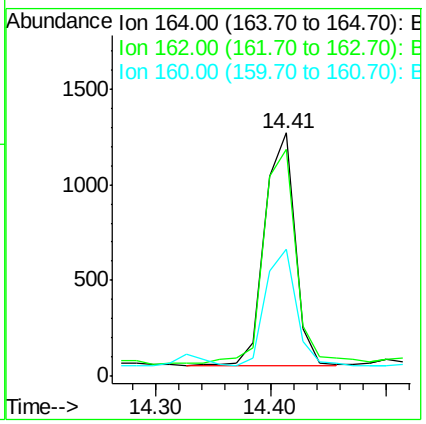


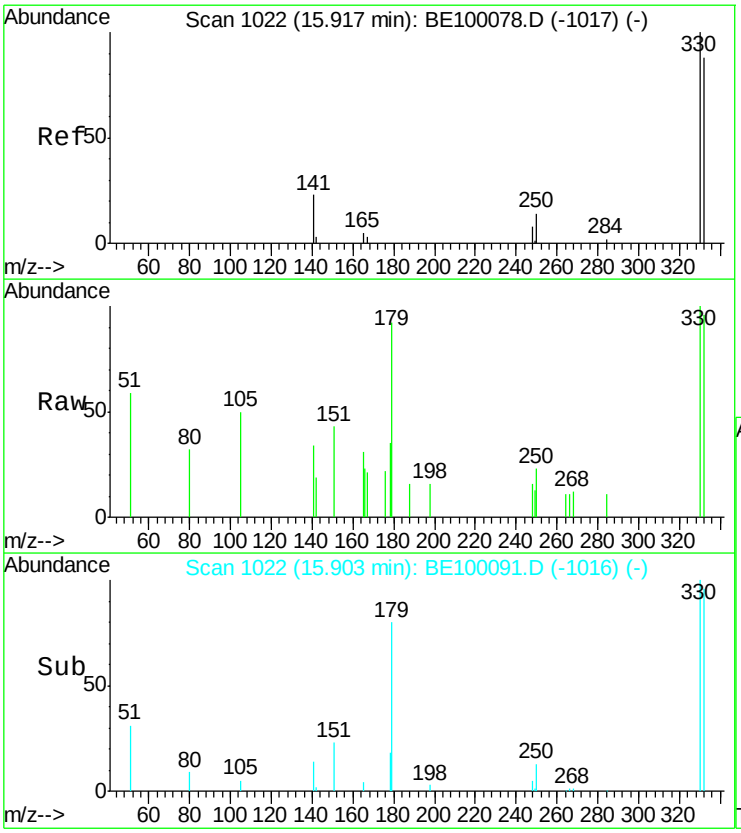
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.41 min Scan# 917
Delta R.T. -0.00 min
Lab File: BE100091.D
Acq: 19 Jun 2019 20:29

Instrument :
BNA_E
ClientSampleId :
SS043MW010-190611MSD

Tgt Ion:164 Resp: 2197

Ion	Ratio	Lower	Upper
164	100		
162	93.4	78.2	117.2
160	52.1	45.6	68.4

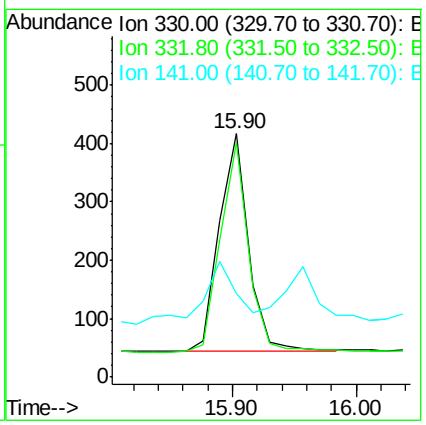


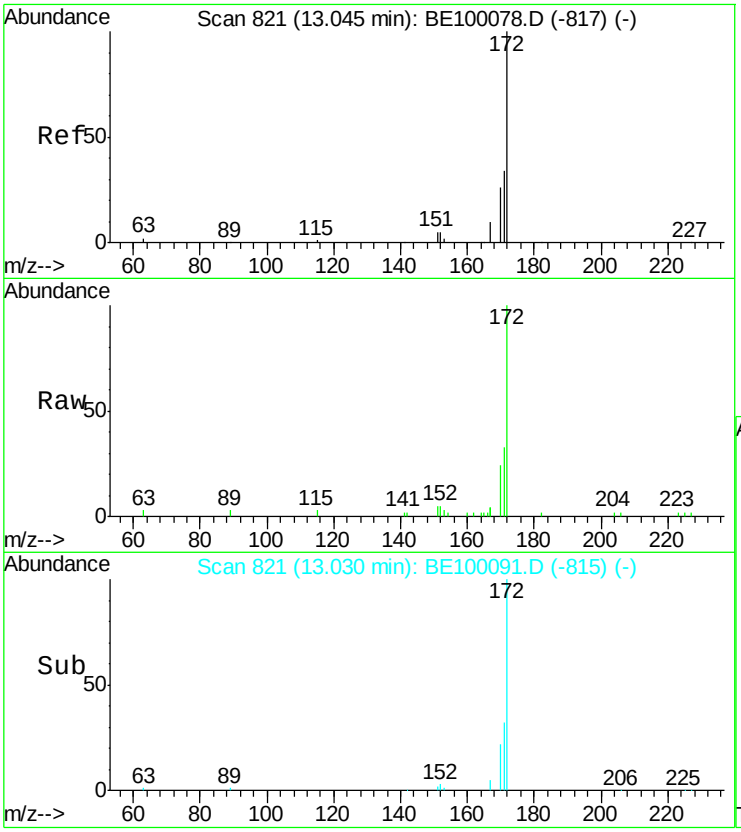


#14
2,4,6-Tribromophenol
Concen: 0.501 ng
RT: 15.90 min Scan# 1022
Delta R.T. -0.01 min
Lab File: BE100091.D
Acq: 19 Jun 2019 20:29

Tgt Ion:330 Resp: 608

Ion	Ratio	Lower	Upper
330	100		
332	93.9	73.3	109.9
141	23.4	22.2	33.2



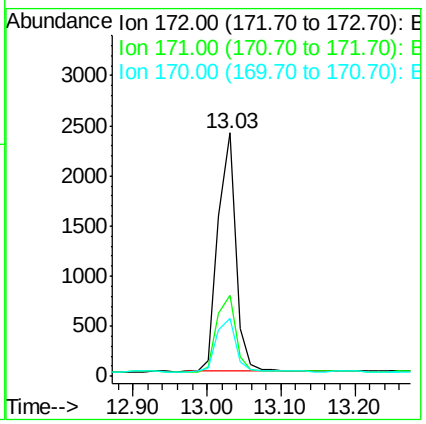


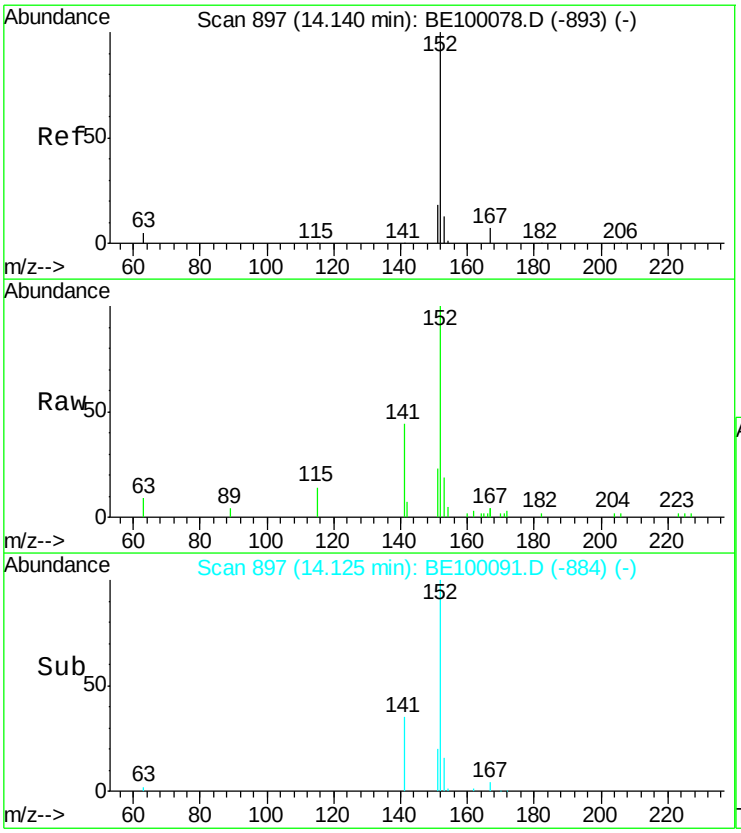
#15
2-Fluorobiphenyl
Concen: 0.462 ng
RT: 13.03 min Scan# 821
Delta R.T. -0.01 min
Lab File: BE100091.D
Acq: 19 Jun 2019 20:29

Instrument :
BNA_E
ClientSampleId :
SS043MW010-190611MSD

Tgt Ion:172 Resp: 3988

Ion	Ratio	Lower	Upper
172	100		
171	33.5	29.8	44.8
170	23.7	23.2	34.8

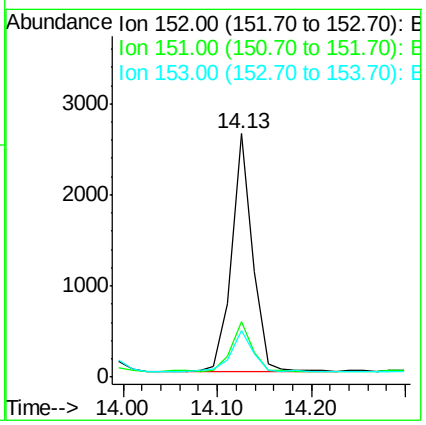


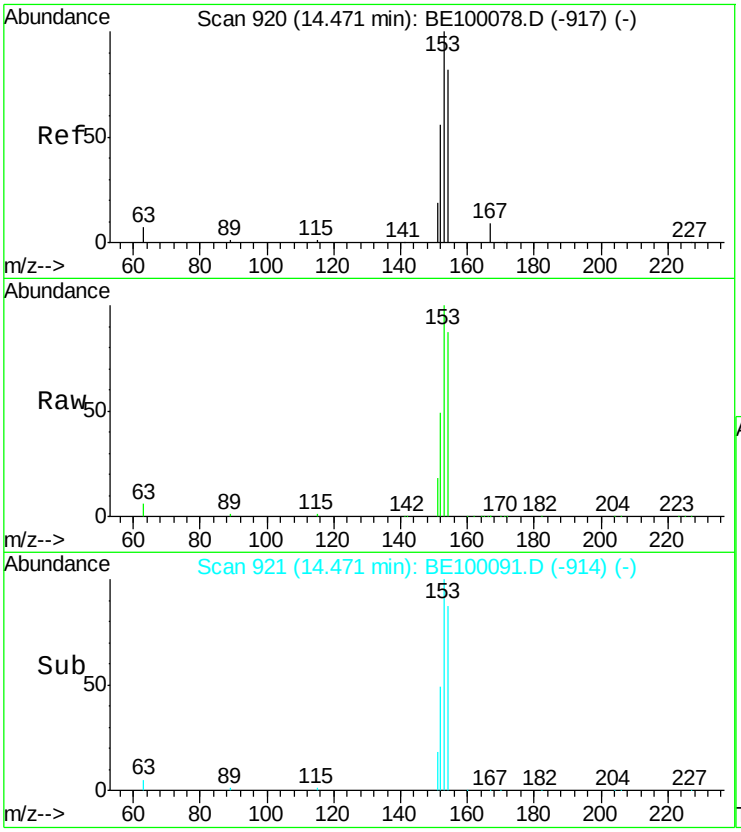


#16
Acenaphthylene
Concen: 0.387 ng
RT: 14.13 min Scan# 897
Delta R.T. -0.01 min
Lab File: BE100091.D
Acq: 19 Jun 2019 20:29

Tgt Ion:152 Resp: 4041

Ion	Ratio	Lower	Upper
152	100		
151	20.9	15.9	23.9
153	18.4	10.1	15.1#



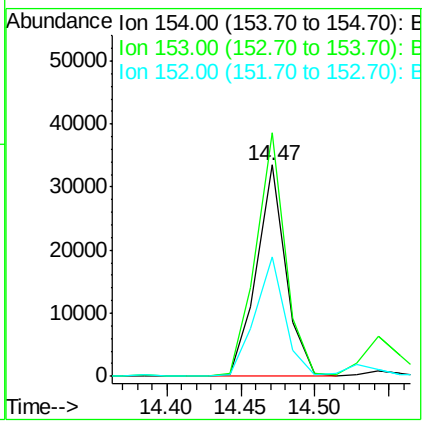


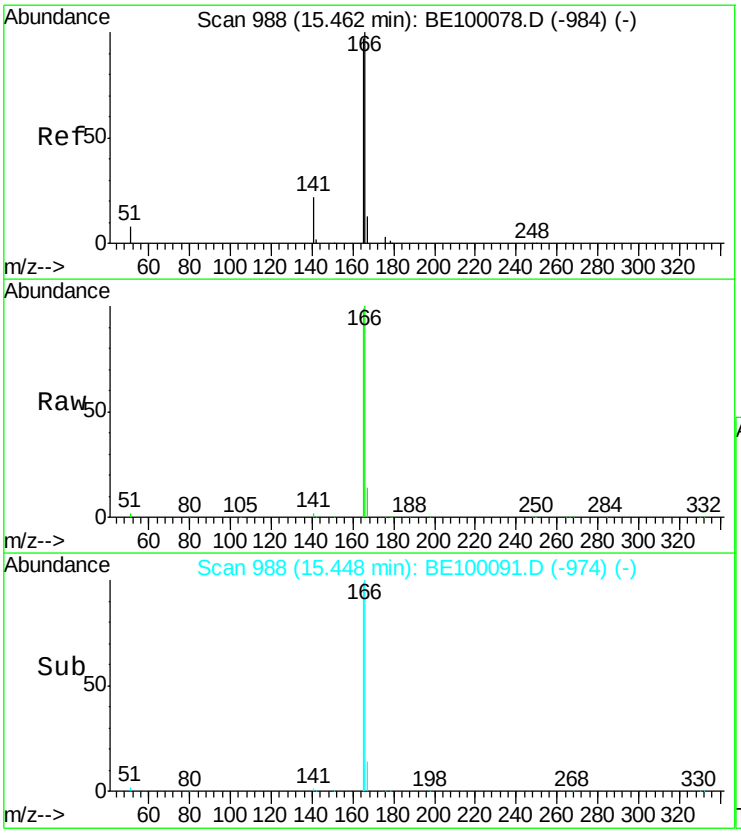
#17
Acenaphthene
Concen: 7.966 ng
RT: 14.47 min Scan# 921
Delta R.T. -0.00 min
Lab File: BE100091.D
Acq: 19 Jun 2019 20:29

Instrument :
BNA_E
ClientSampleId :
SS043MW010-190611MSD

Tgt Ion:154 Resp: 46456

Ion	Ratio	Lower	Upper
154	100		
153	116.7	95.5	143.3
152	57.8	54.9	82.3

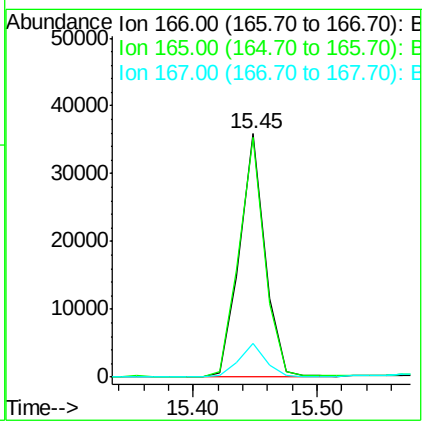


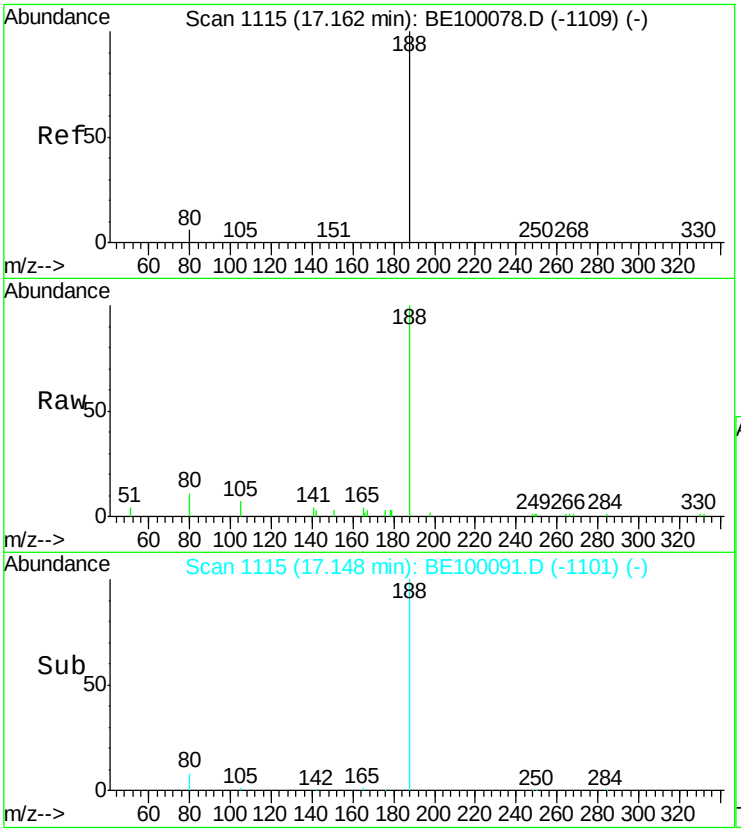


#18
Fluorene
Concen: 5.900 ng
RT: 15.45 min Scan# 988
Delta R.T. -0.01 min
Lab File: BE100091.D
Acq: 19 Jun 2019 20:29

Tgt Ion:166 Resp: 51242

Ion	Ratio	Lower	Upper
166	100		
165	99.7	79.8	119.8
167	13.8	10.2	15.4



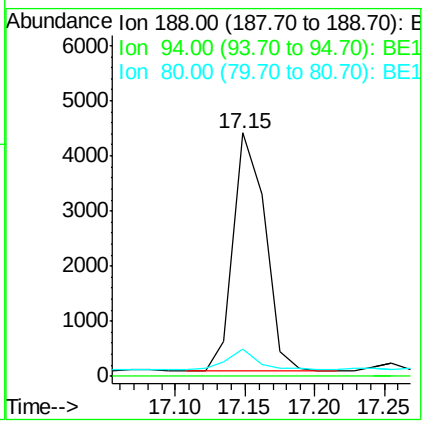


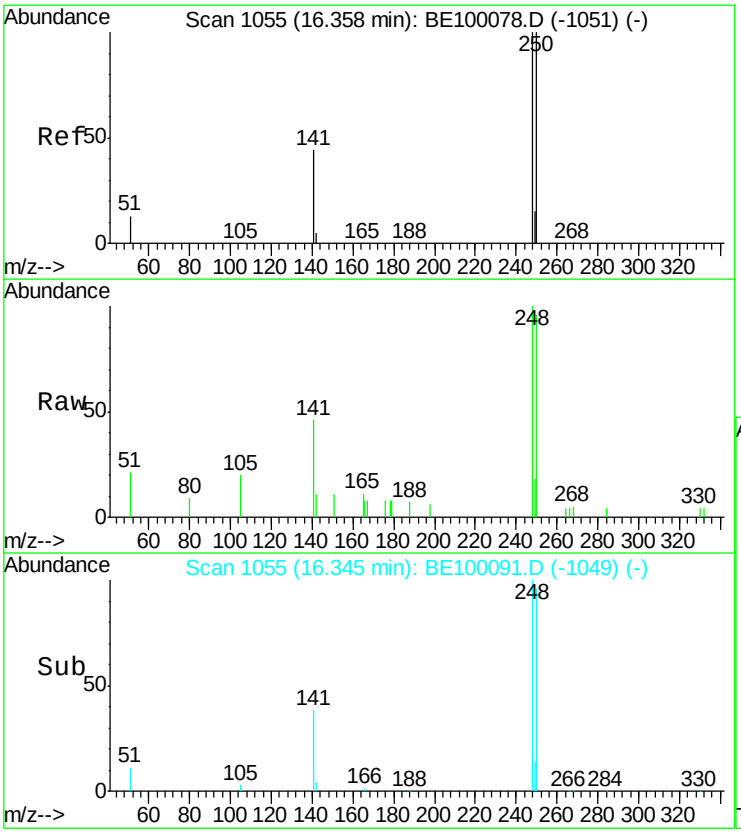
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.15 min Scan# 1115
Delta R.T. -0.01 min
Lab File: BE100091.D
Acq: 19 Jun 2019 20:29

Instrument :
BNA_E
ClientSampleId :
SS043MW010-190611MSD

Tgt Ion:188 Resp: 6873

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	11.0	6.3	9.5#

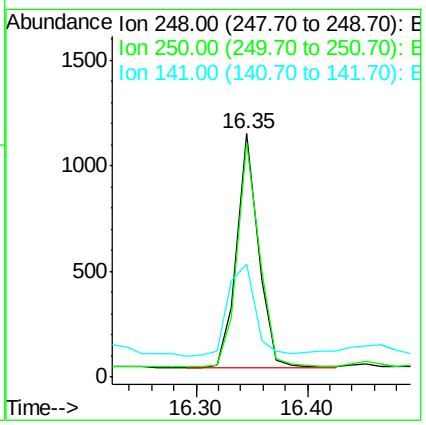


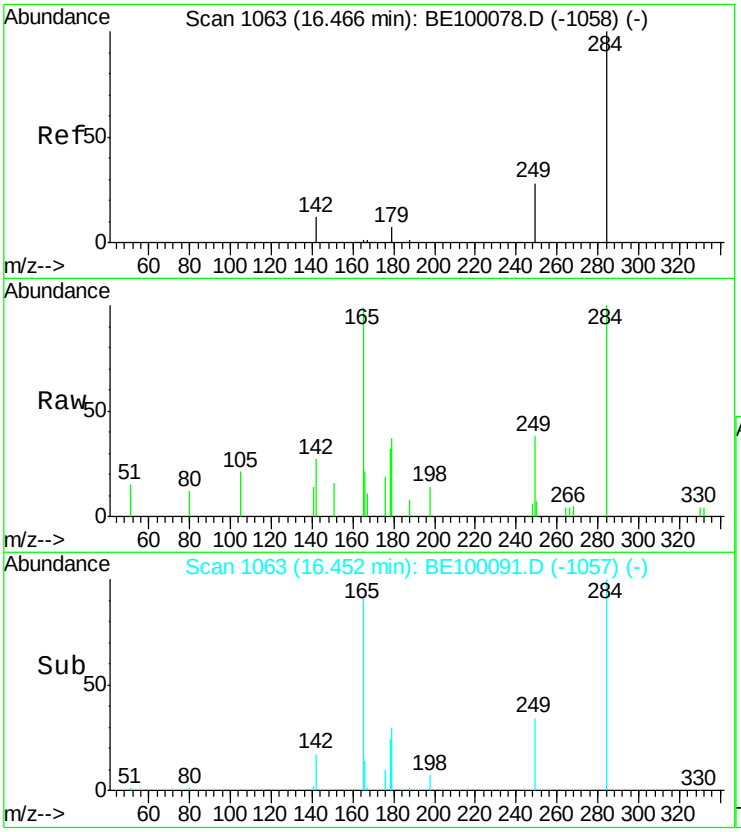


#20
4-Bromophenyl-phenylether
Concen: 0.366 ng
RT: 16.35 min Scan# 1055
Delta R.T. -0.01 min
Lab File: BE100091.D
Acq: 19 Jun 2019 20:29

Tgt Ion:248 Resp: 1496

Ion	Ratio	Lower	Upper
248	100		
250	96.4	80.6	120.8
141	46.3	38.8	58.2



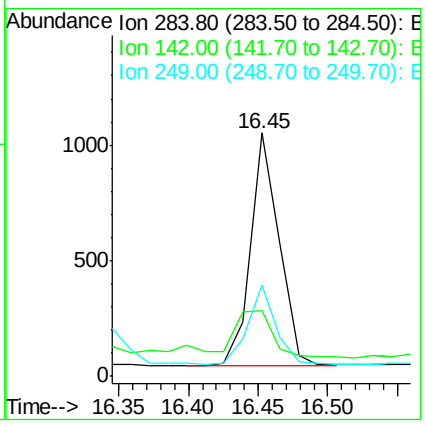


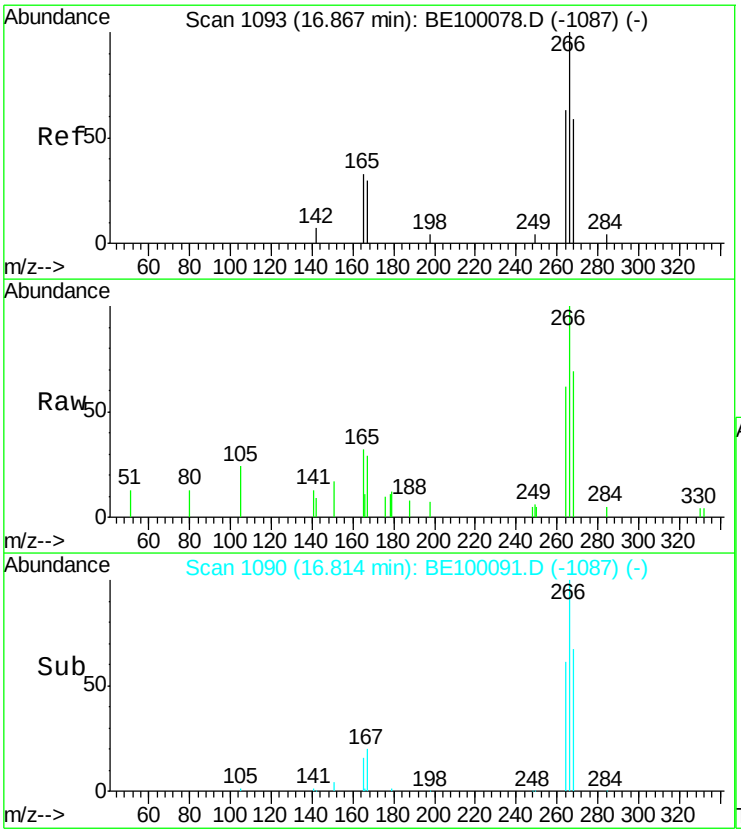
#21
Hexachlorobenzene
Concen: 0.320 ng
RT: 16.45 min Scan# 1063
Delta R.T. -0.01 min
Lab File: BE100091.D
Acq: 19 Jun 2019 20:29

Instrument :
BNA_E
ClientSampleId :
SS043MW010-190611MSD

Tgt Ion:284 Resp: 1443

Ion	Ratio	Lower	Upper
284	100		
142	25.8	20.7	31.1
249	33.1	26.6	39.8

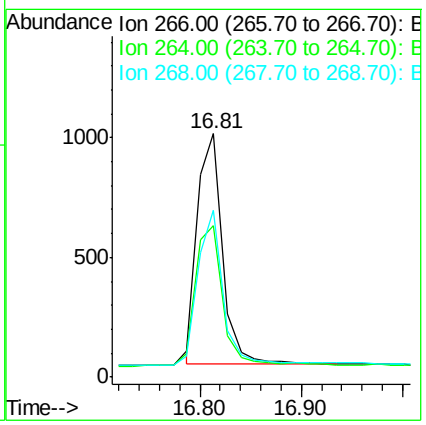


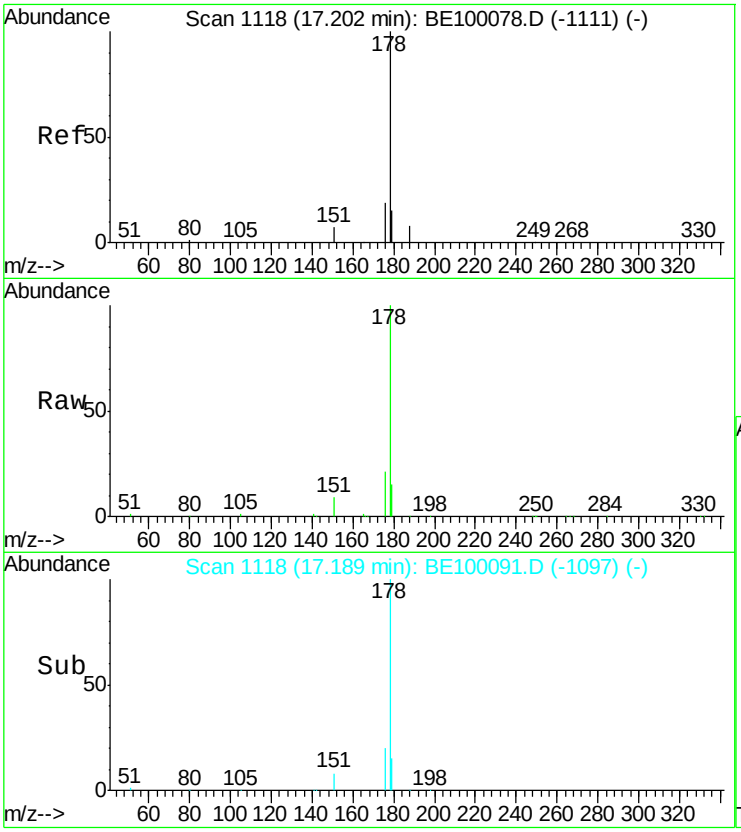


#22
Pentachlorophenol
Concen: 1.382 ng
RT: 16.81 min Scan# 1090
Delta R.T. -0.05 min
Lab File: BE100091.D
Acq: 19 Jun 2019 20:29

Tgt Ion:266 Resp: 1670

Ion	Ratio	Lower	Upper
266	100		
264	62.3	67.8	101.6#
268	68.6	70.0	105.0#



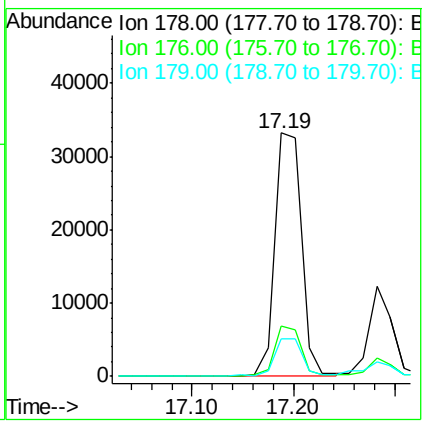


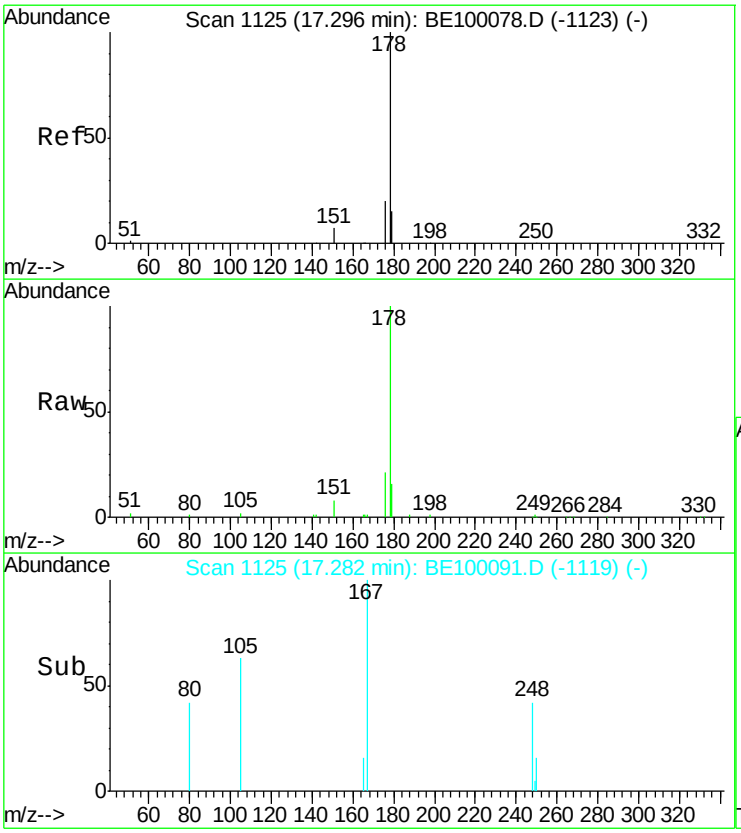
#23
Phenanthrene
Concen: 3.611 ng
RT: 17.19 min Scan# 1118
Delta R.T. -0.01 min
Lab File: BE100091.D
Acq: 19 Jun 2019 20:29

Instrument :
BNA_E
ClientSampleId :
SS043MW010-190611MSD

Tgt Ion:178 Resp: 59456

Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.9	23.9
179	15.5	13.1	19.7

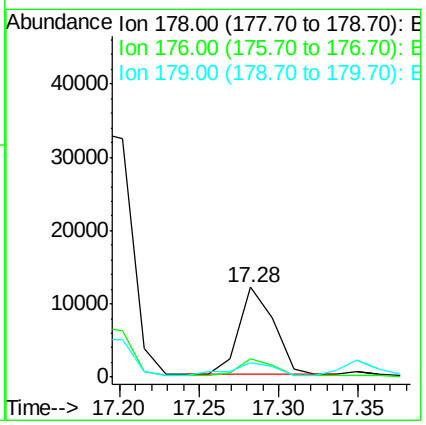


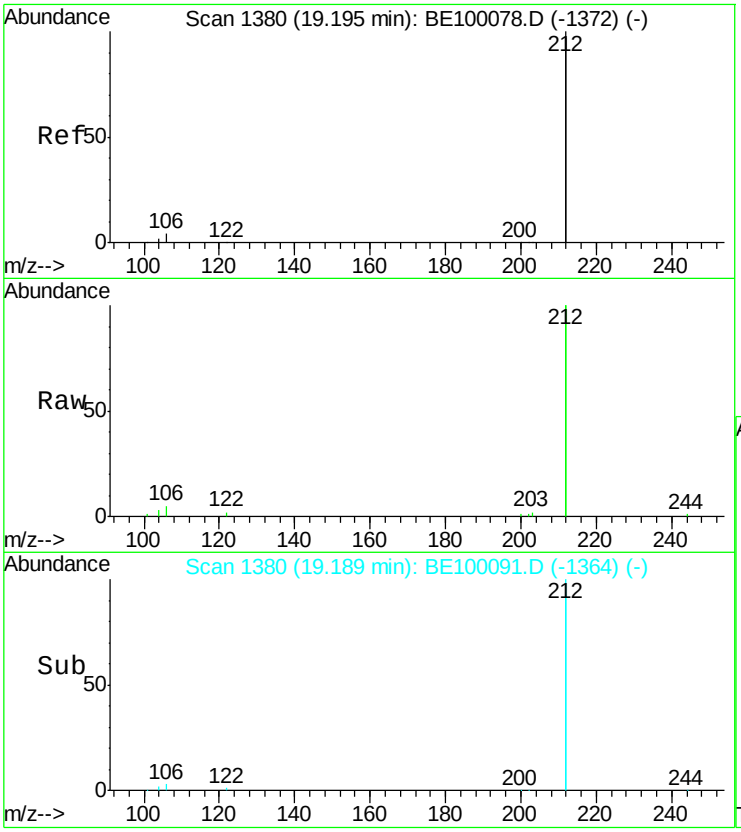


#24
Anthracene
Concen: 1.316 ng
RT: 17.28 min Scan# 1125
Delta R.T. -0.01 min
Lab File: BE100091.D
Acq: 19 Jun 2019 20:29

Tgt Ion:178 Resp: 18280

Ion	Ratio	Lower	Upper
178	100		
176	20.3	15.8	23.6
179	19.6	12.0	18.0#



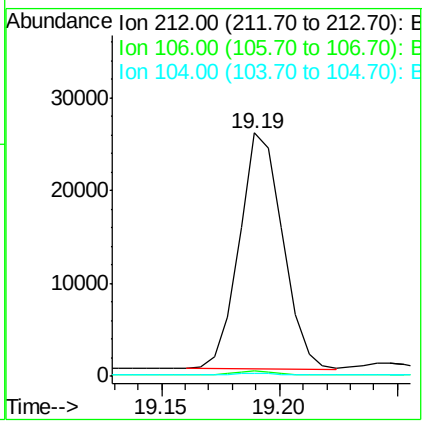


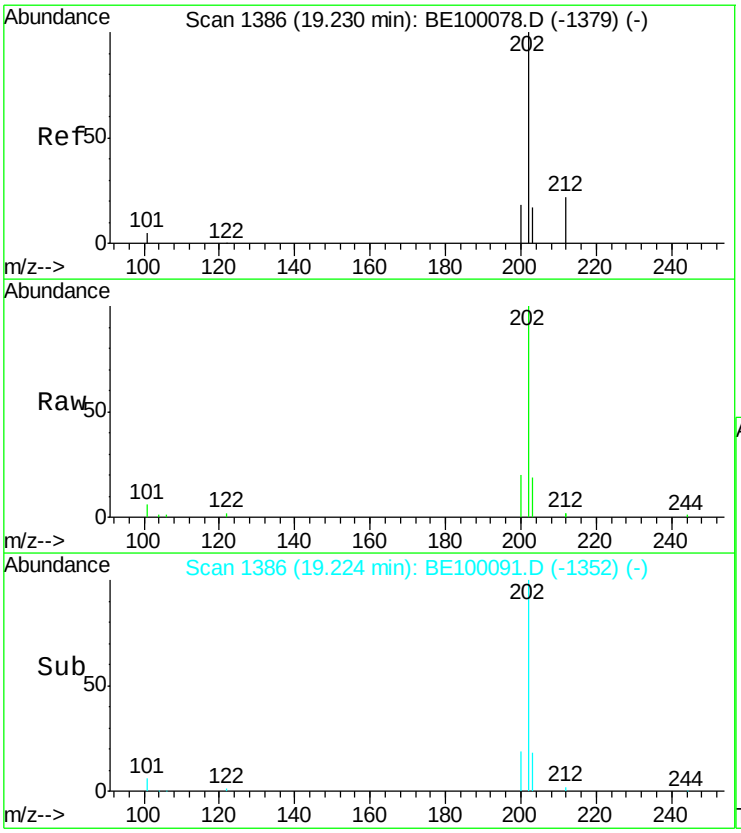
#25
Fluoranthene-d10
Concen: 0.331 ng
RT: 19.19 min Scan# 1380
Delta R.T. -0.01 min
Lab File: BE100091.D
Acq: 19 Jun 2019 20:29

Instrument :
BNA_E
ClientSampleId :
SS043MW010-190611MSD

Tgt Ion:212 Resp: 32533

Ion	Ratio	Lower	Upper
212	100		
106	2.1	1.4	2.0#
104	1.1	0.8	1.2

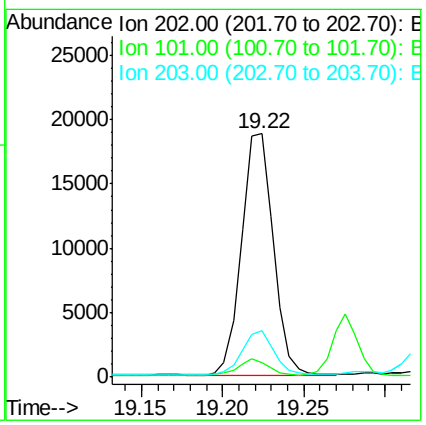


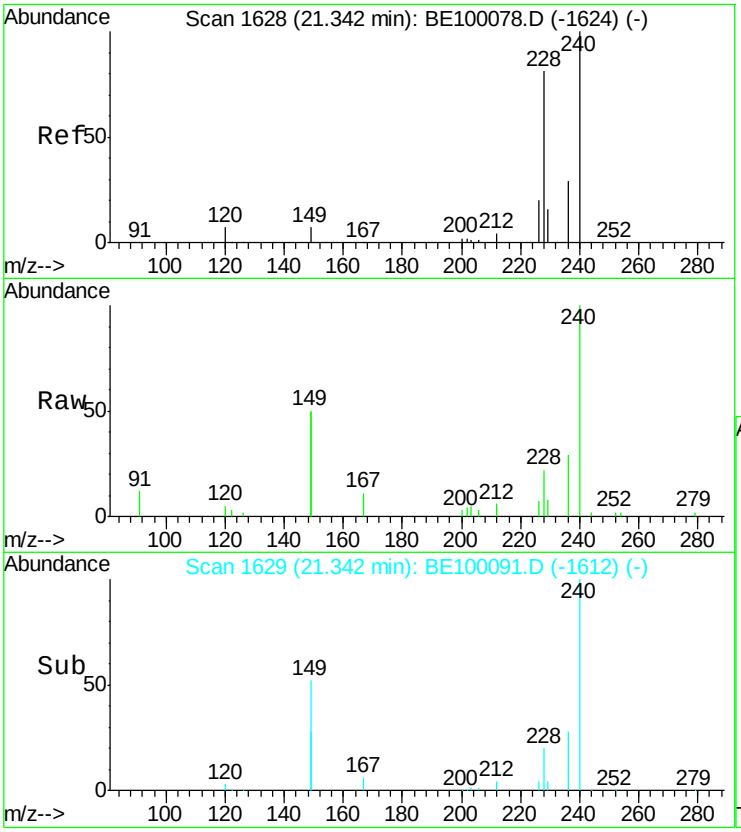


#26
Fluoranthene
Concen: 0.963 ng
RT: 19.22 min Scan# 1386
Delta R.T. -0.01 min
Lab File: BE100091.D
Acq: 19 Jun 2019 20:29

Tgt Ion:202 Resp: 25443

Ion	Ratio	Lower	Upper
202	100		
101	6.7	5.0	7.4
203	17.4	13.7	20.5



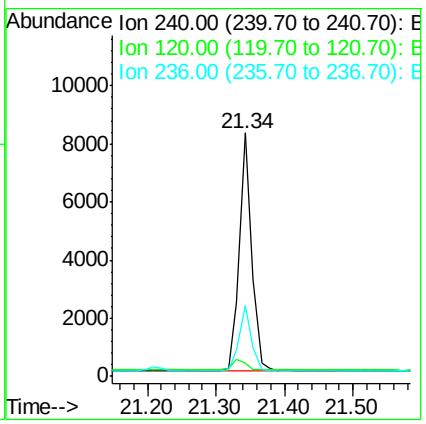


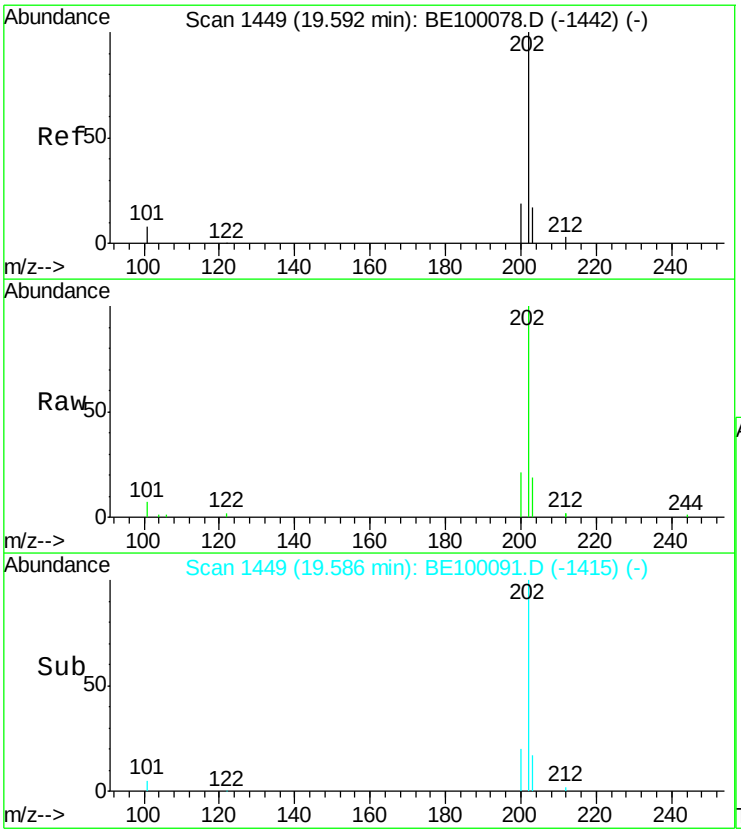
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.34 min Scan# 1629
Delta R.T. 0.00 min
Lab File: BE100091.D
Acq: 19 Jun 2019 20:29

Instrument :
BNA_E
ClientSampleId :
SS043MW010-190611MSD

Tgt Ion:240 Resp: 10508

Ion	Ratio	Lower	Upper
240	100		
120	5.4	6.6	10.0#
236	29.2	23.8	35.6

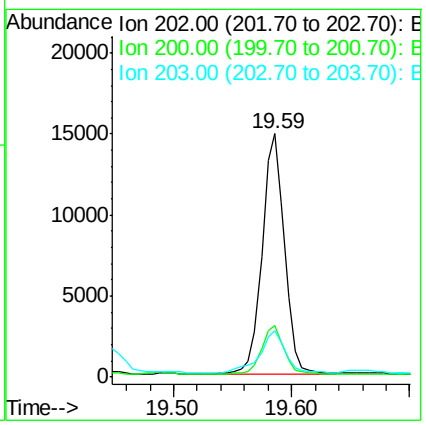


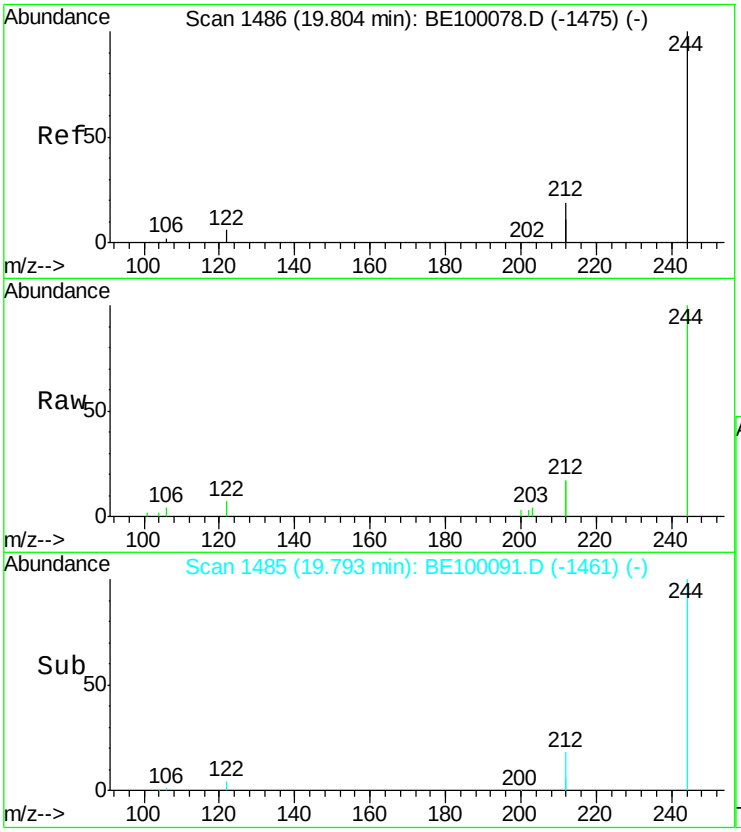


#28
Pyrene
Concen: 0.725 ng
RT: 19.59 min Scan# 1449
Delta R.T. -0.01 min
Lab File: BE100091.D
Acq: 19 Jun 2019 20:29

Tgt Ion:202 Resp: 19568

Ion	Ratio	Lower	Upper
202	100		
200	20.5	15.6	23.4
203	20.3	13.9	20.9



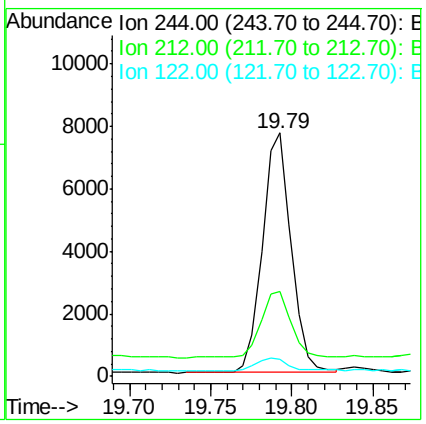


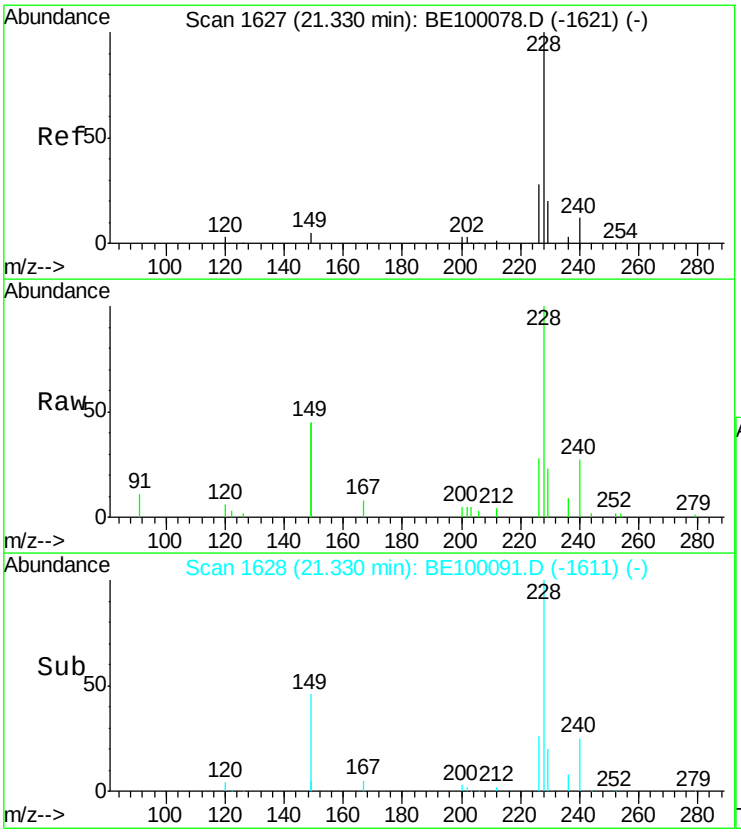
#29
Terphenyl-d14
Concen: 0.452 ng
RT: 19.79 min Scan# 1485
Delta R.T. -0.01 min
Lab File: BE100091.D
Acq: 19 Jun 2019 20:29

Instrument :
BNA_E
ClientSampleId :
SS043MW010-190611MSD

Tgt Ion:244 Resp: 9506

Ion	Ratio	Lower	Upper
244	100		
212	34.9	29.8	44.8
122	6.8	6.1	9.1

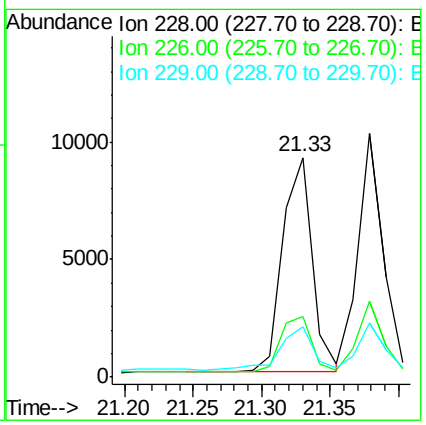


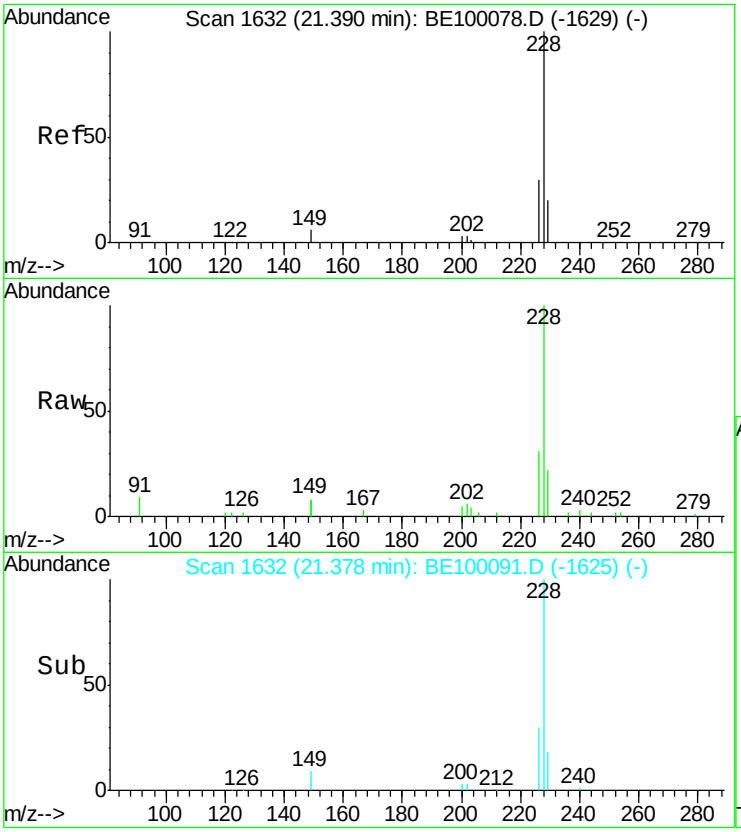


#30
Benzo(a)anthracene
Concen: 0.440 ng
RT: 21.33 min Scan# 1628
Delta R.T. 0.00 min
Lab File: BE100091.D
Acq: 19 Jun 2019 20:29

Tgt Ion:228 Resp: 13743

Ion	Ratio	Lower	Upper
228	100		
226	27.7	23.0	34.4
229	22.8	16.4	24.6



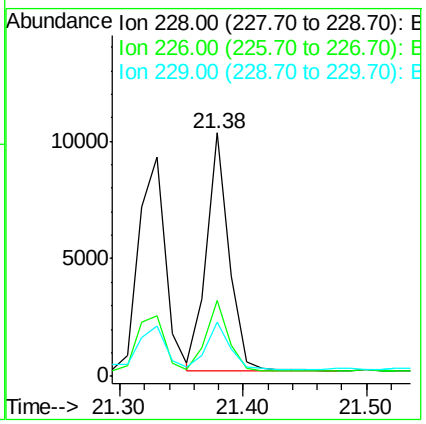


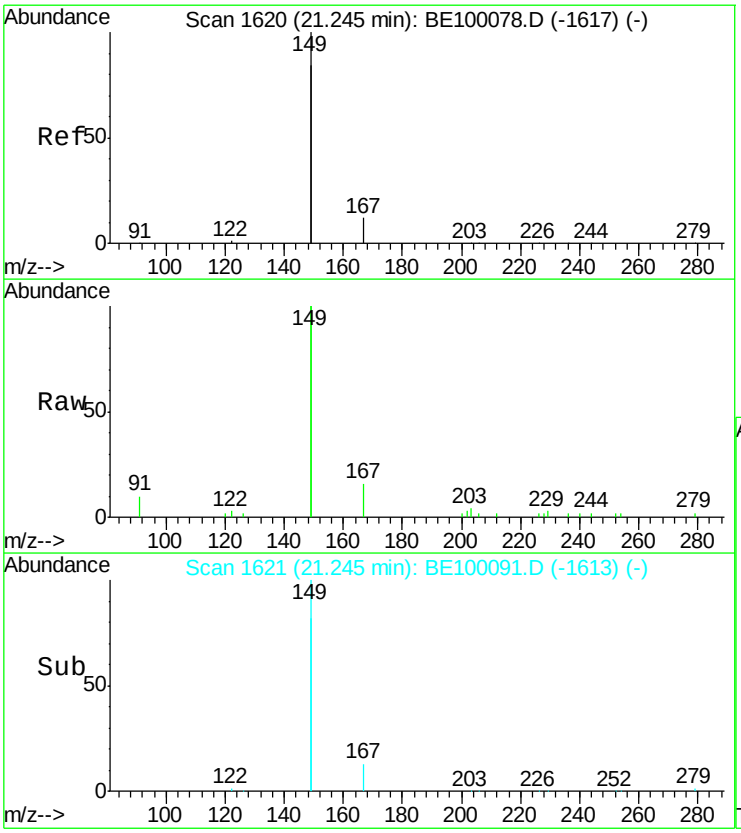
#31
Chrysene
Concen: 0.353 ng
RT: 21.38 min Scan# 1632
Delta R.T. -0.01 min
Lab File: BE100091.D
Acq: 19 Jun 2019 20:29

Instrument :
BNA_E
ClientSampleId :
SS043MW010-190611MSD

Tgt Ion:228 Resp: 12839

Ion	Ratio	Lower	Upper
228	100		
226	31.1	23.8	35.8
229	22.5	16.3	24.5

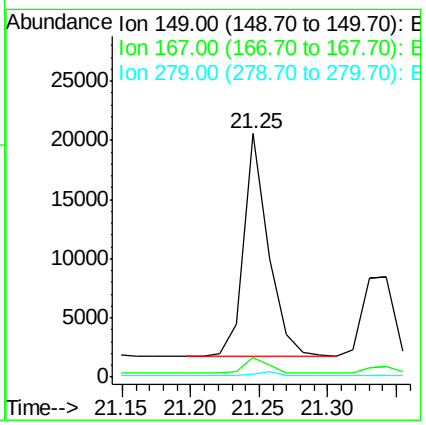


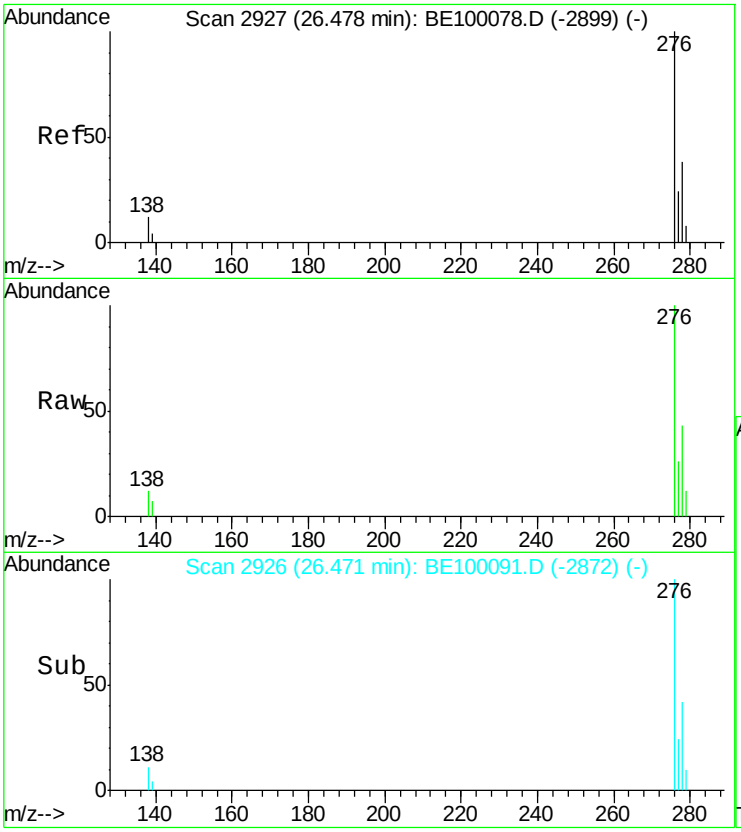


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.795 ng
RT: 21.25 min Scan# 1621
Delta R.T. 0.00 min
Lab File: BE100091.D
Acq: 19 Jun 2019 20:29

Tgt Ion:149 Resp: 23459

Ion	Ratio	Lower	Upper
149	100		
167	7.0	5.8	8.6
279	1.5	1.1	1.7



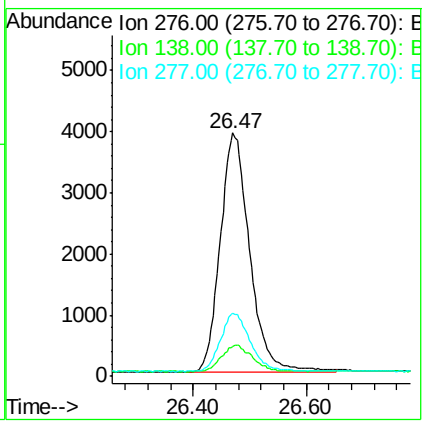


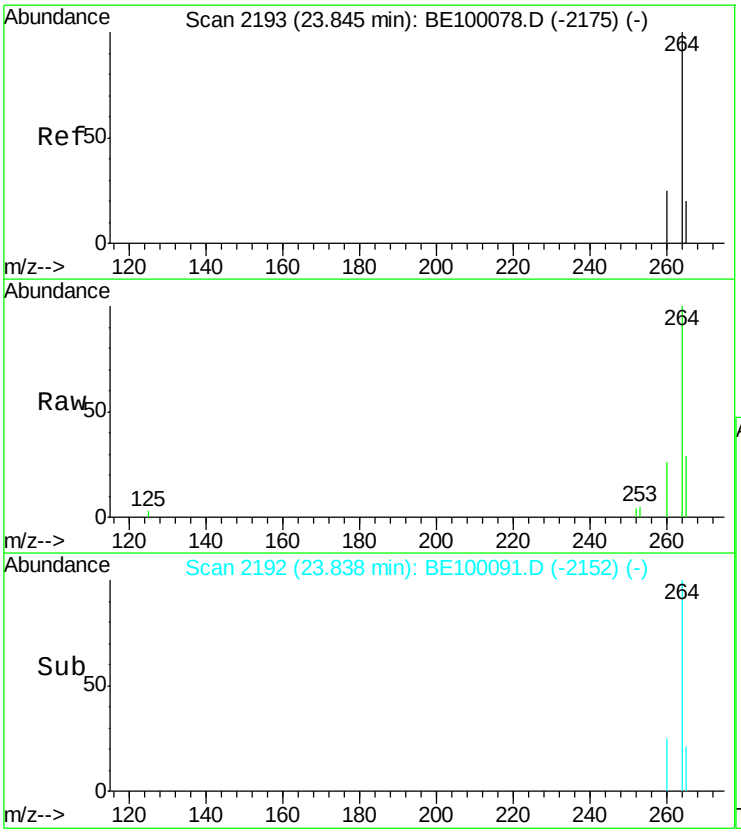
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.347 ng
RT: 26.47 min Scan# 2926
Delta R.T. -0.01 min
Lab File: BE100091.D
Acq: 19 Jun 2019 20:29

Instrument :
BNA_E
ClientSampleId :
SS043MW010-190611MSD

Tgt Ion:276 Resp: 14165

Ion	Ratio	Lower	Upper
276	100		
138	11.4	4.3	6.5#
277	24.6	19.4	29.0

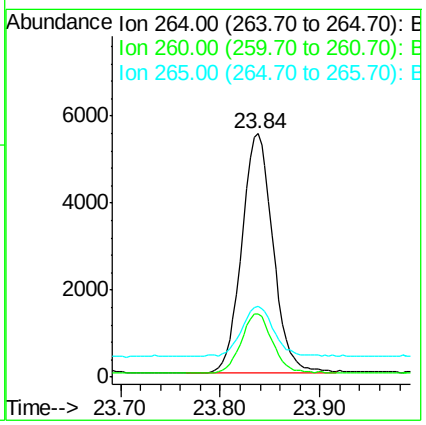


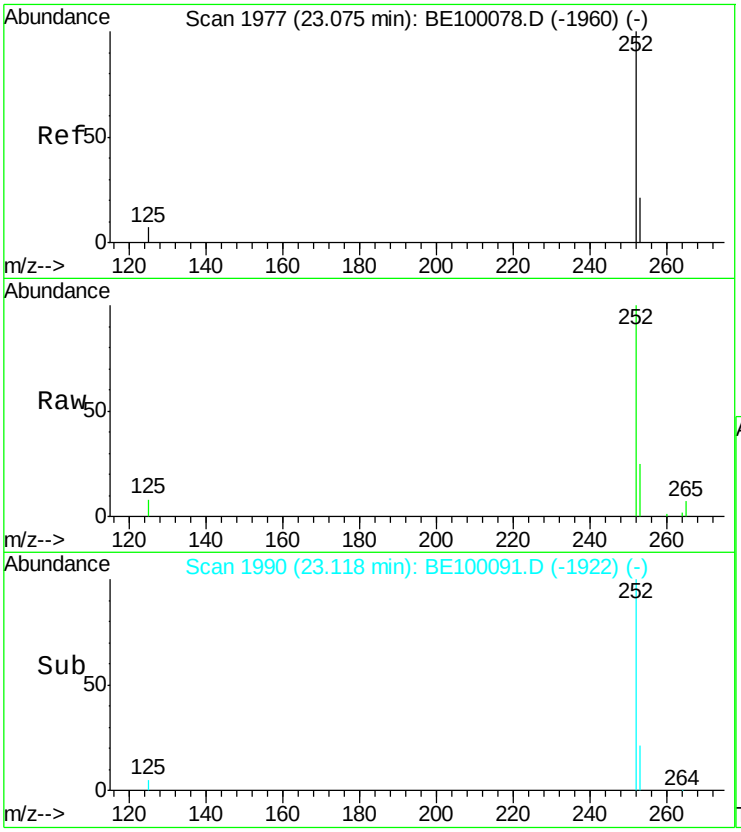


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.84 min Scan# 2192
Delta R.T. -0.01 min
Lab File: BE100091.D
Acq: 19 Jun 2019 20:29

Tgt Ion:264 Resp: 12019

Ion	Ratio	Lower	Upper
264	100		
260	26.1	20.8	31.2
265	29.1	23.2	34.8



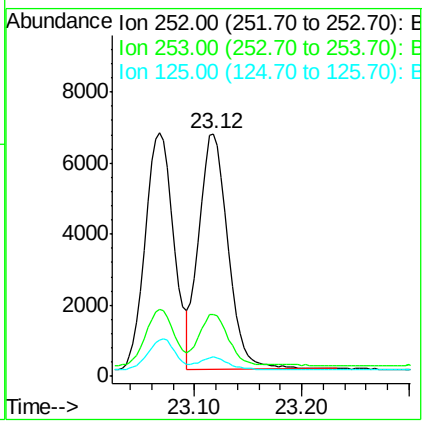


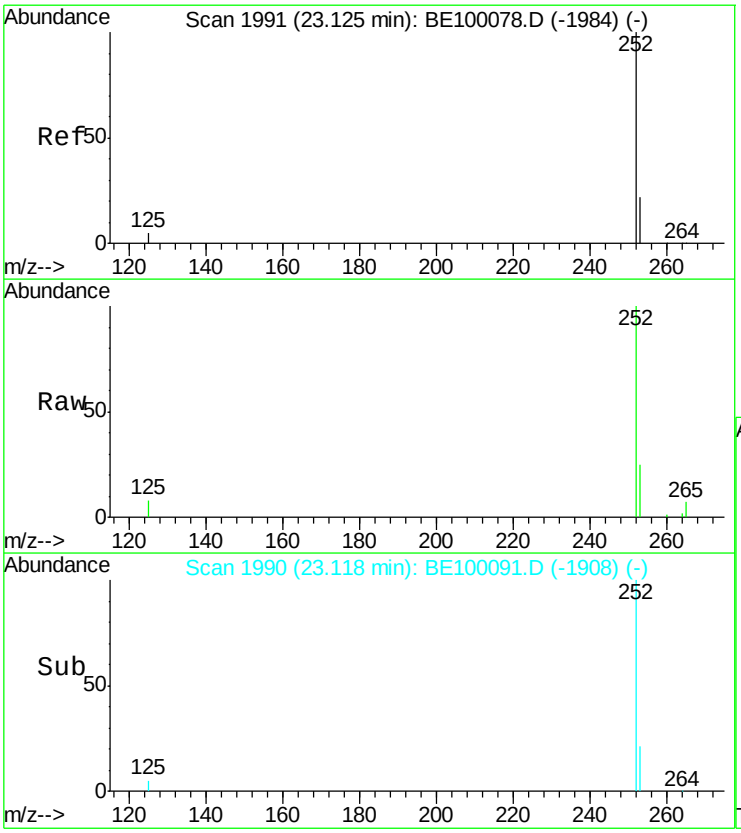
#35
Benzo(b)fluoranthene
Concen: 0.356 ng
RT: 23.12 min Scan# 1990
Delta R.T. 0.04 min
Lab File: BE100091.D
Acq: 19 Jun 2019 20:29

Instrument :
BNA_E
ClientSampleId :
SS043MW010-190611MSD

Tgt Ion:252 Resp: 12553

Ion	Ratio	Lower	Upper
252	100		
253	25.3	18.4	27.6
125	7.9	6.4	9.6

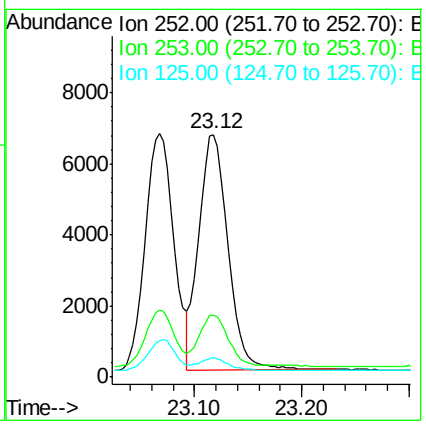


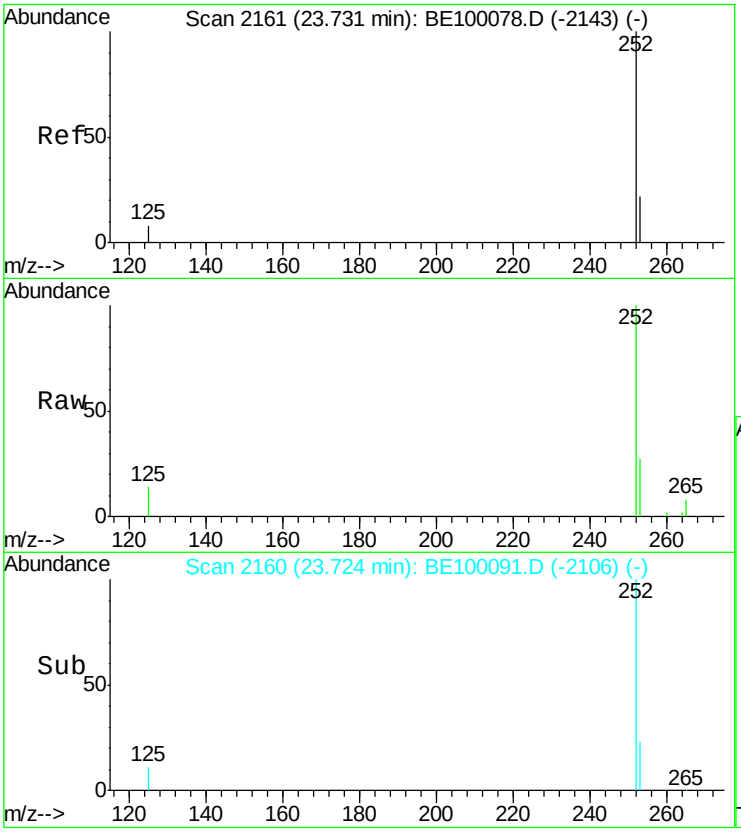


#36
Benzo(k)fluoranthene
Concen: 0.313 ng
RT: 23.12 min Scan# 1990
Delta R.T. -0.01 min
Lab File: BE100091.D
Acq: 19 Jun 2019 20:29

Tgt Ion:252 Resp: 12553

Ion	Ratio	Lower	Upper
252	100		
253	25.3	18.9	28.3
125	7.9	5.3	7.9



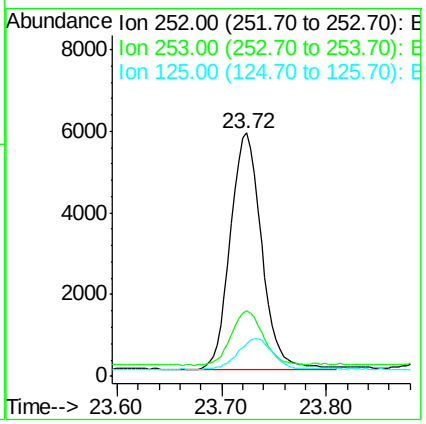


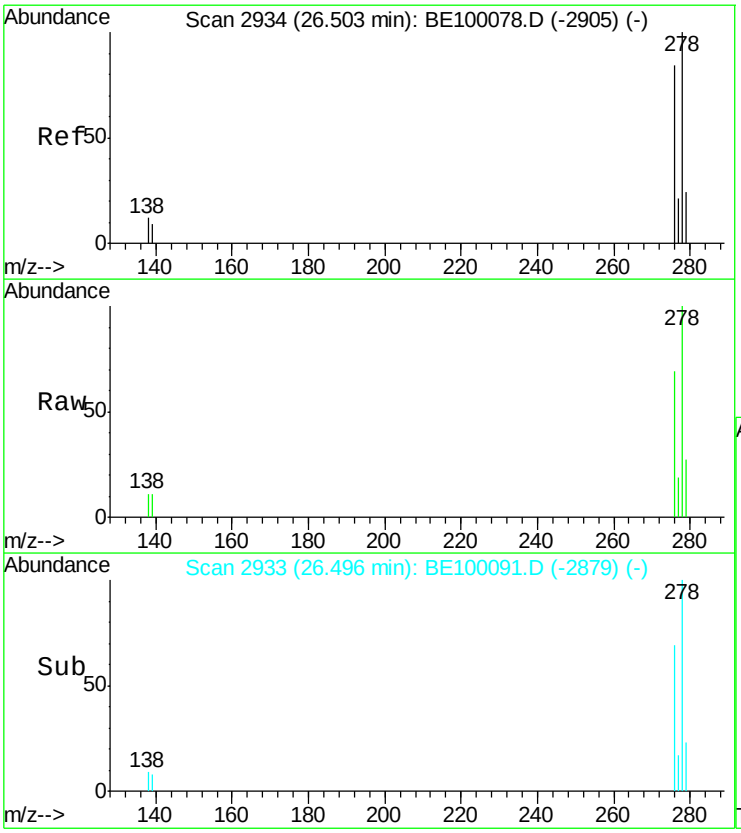
#37
Benzo(a)pyrene
Concen: 0.355 ng
RT: 23.72 min Scan# 2160
Delta R.T. -0.01 min
Lab File: BE100091.D
Acq: 19 Jun 2019 20:29

Instrument :
BNA_E
ClientSampleId :
SS043MW010-190611MSD

Tgt Ion:252 Resp: 12098

Ion	Ratio	Lower	Upper
252	100		
253	27.2	19.4	29.2
125	13.5	8.0	12.0#

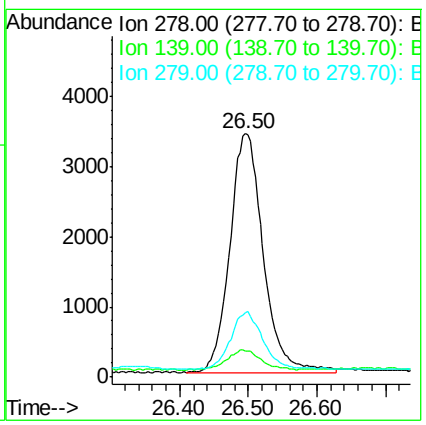


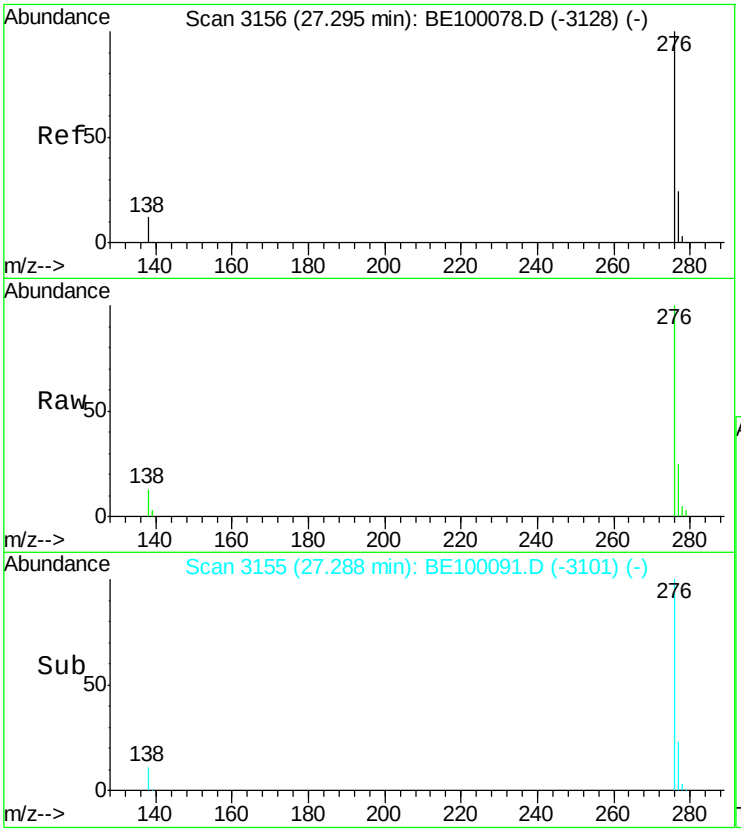


#38
Dibenzo(a,h)anthracene
Concen: 0.331 ng
RT: 26.50 min Scan# 2933
Delta R.T. -0.01 min
Lab File: BE100091.D
Acq: 19 Jun 2019 20:29

Tgt Ion:278 Resp: 11544

Ion	Ratio	Lower	Upper
278	100		
139	10.9	9.0	13.6
279	26.6	21.4	32.0





#39
Benzo(g,h,i)perylene
Concen: 0.331 ng
RT: 27.29 min Scan# 3155
Delta R.T. -0.01 min
Lab File: BE100091.D
Acq: 19 Jun 2019 20:29

Instrument :
BNA_E
ClientSampleId :
SS043MW010-190611MSD

Tgt Ion:276 Resp: 11987

Ion	Ratio	Lower	Upper
276	100		
277	24.8	20.3	30.5
138	12.8	11.3	16.9