Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE050619\
Data File : BE099555.D
Acq On : 6 May 2019 17:50
Operator : JU/SJ
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDCCC0.4EC

Quant Time: May 07 08:12:07 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE042919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 07 08:07:29 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.83	152	3940	0.40	ng		0.00
7) Naphthalene-d8	10.63	136	14769	0.40	ng		0.00
13) Acenaphthene-d10	14.50	164	10304	0.40	ng		0.00
19) Phenanthrene-d10	17.24	188	31066	0.40	ng		0.00
27) Chrysene-d12	21.43	240	41386	0.40	ng		-0.01
34) Perylene-d12	23.98	264	48248	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.38	112	4369	0.40	ng		0.00
5) Phenol-d6	6.99	99	6334	0.44	ng		0.00
8) Nitrobenzene-d5	8.98	82	6177	0.45	ng		0.00
11) 2-Methylnaphthalene-d10	12.22	152	10554	0.40	ng		-0.01
14) 2,4,6-Tribromophenol	15.98	330	3161	0.49	ng		0.00
15) 2-Fluorobiphenyl	13.12	172	16345	0.42	ng		0.00
25) Fluoranthene-d10	19.28	212	169151	0.40	ng		0.00
29) Terphenyl-d14	19.87	244	35610	0.47	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.31	88	1897	0.350	ng		93
3) n-Nitrosodimethylamine	3.63	42	1509	0.462	ng	#	86
6) bis(2-Chloroethyl)ether	7.24	93	4978	0.398	ng		98
9) Naphthalene	10.68	128	65035	0.404	ng		100
10) Hexachlorobutadiene	10.95	225	4649	0.415	ng		98
12) 2-Methylnaphthalene	12.31	142	11132	0.398	ng		93
16) Acenaphthylene	14.21	152	21093	0.418	ng		99
17) Acenaphthene	14.56	154	11856	0.412	ng		100
18) Fluorene	15.54	166	17291	0.407	ng		100
20) 4-Bromophenyl-phenylether	16.44	248	7345	0.406	ng	#	83
21) Hexachlorobenzene	16.55	284	7174	0.416	ng		99
22) Pentachlorophenol	16.89	266	3611	0.564	ng		98
23) Phenanthrene	17.28	178	31862	0.397	ng		99
24) Anthracene	17.38	178	30634	0.401	ng		99
26) Fluoranthene	19.30	202	49287	0.410	ng		99
28) Pyrene	19.67	202	51139	0.474	ng		99
30) Benzo(a)anthracene	21.41	228	59228	0.449	ng		98
31) Chrysene	21.46	228	58259	0.451	ng		99
32) Bis(2-ethylhexyl)phthalate	21.33	149	97301	0.451	ng		100
33) Indeno(1,2,3-cd)pyrene	26.69	276	70002	0.459	ng		99
35) Benzo(b)fluoranthene	23.25	252	55247	0.397	ng		99
36) Benzo(k)fluoranthene	23.25	252	55247	0.412	ng		99
37) Benzo(a)pyrene	23.87	252	55402	0.421	ng	#	94
38) Dibenzo(a,h)anthracene	26.72	278	57863	0.430	ng	#	96
39) Benzo(g,h,i)perylene	27.53	276	57565	0.427	ng		98

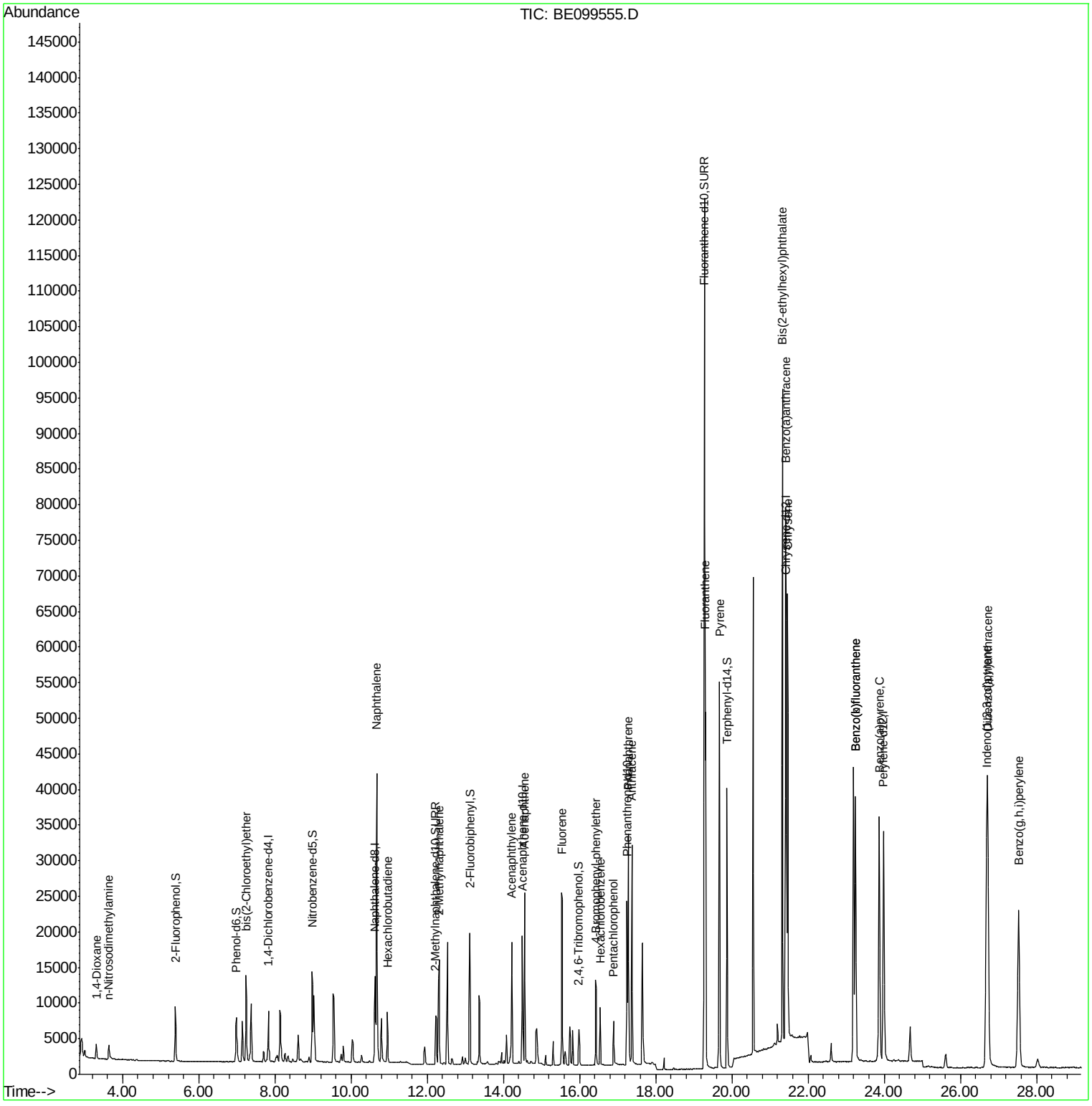
(#) = qualifier out of range (m) = manual integration (+) = signals summed

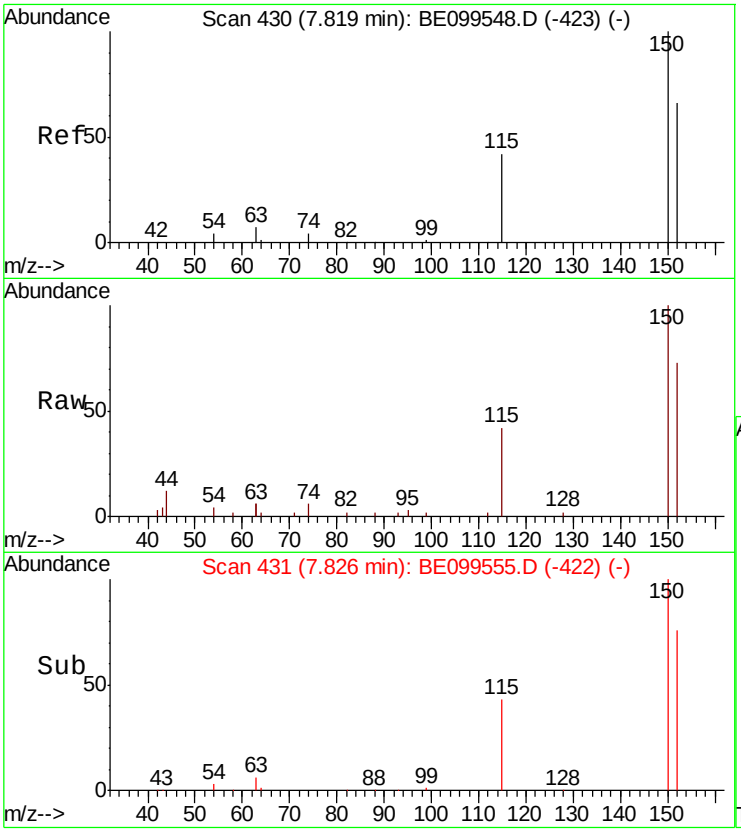
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE050619\
Data File : BE099555.D
Acq On : 6 May 2019 17:50
Operator : JU/SJ
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Quant Time: May 07 08:12:07 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE042919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 07 08:07:29 2019
Response via : Initial Calibration



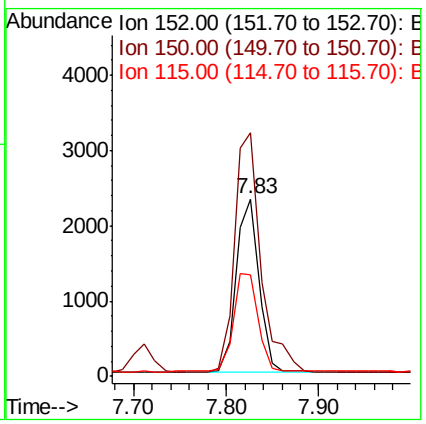


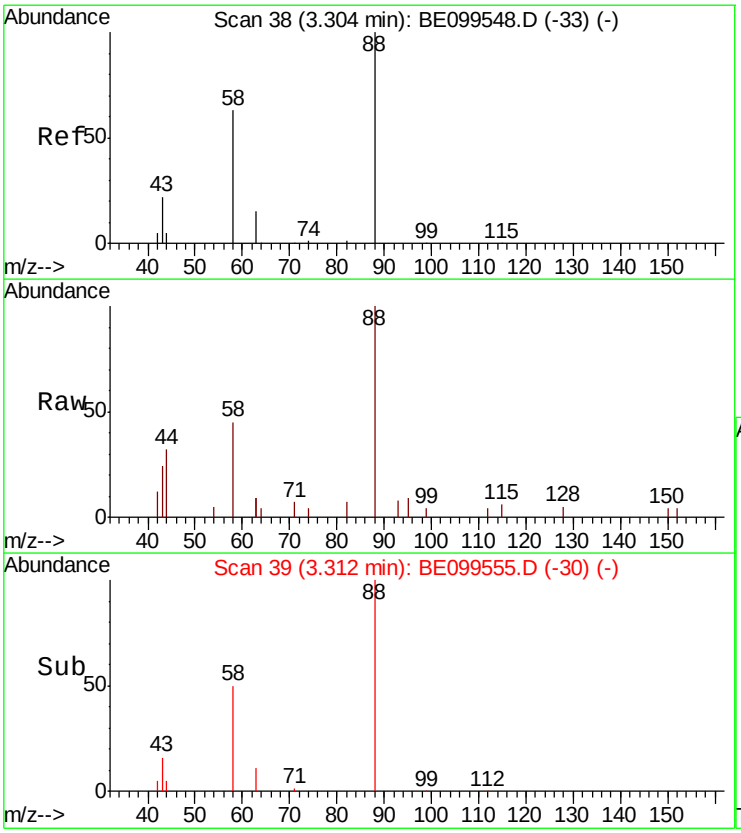
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.83 min Scan# 431
Delta R.T. 0.01 min
Lab File: BE099555.D
Acq: 6 May 2019 17:50

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:152 Resp: 3940

Ion	Ratio	Lower	Upper
152	100		
150	137.1	104.8	157.2
115	57.3	46.6	69.8

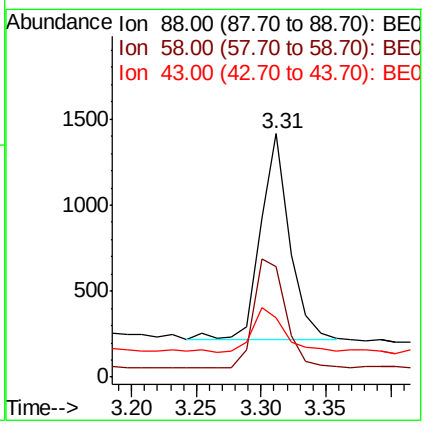


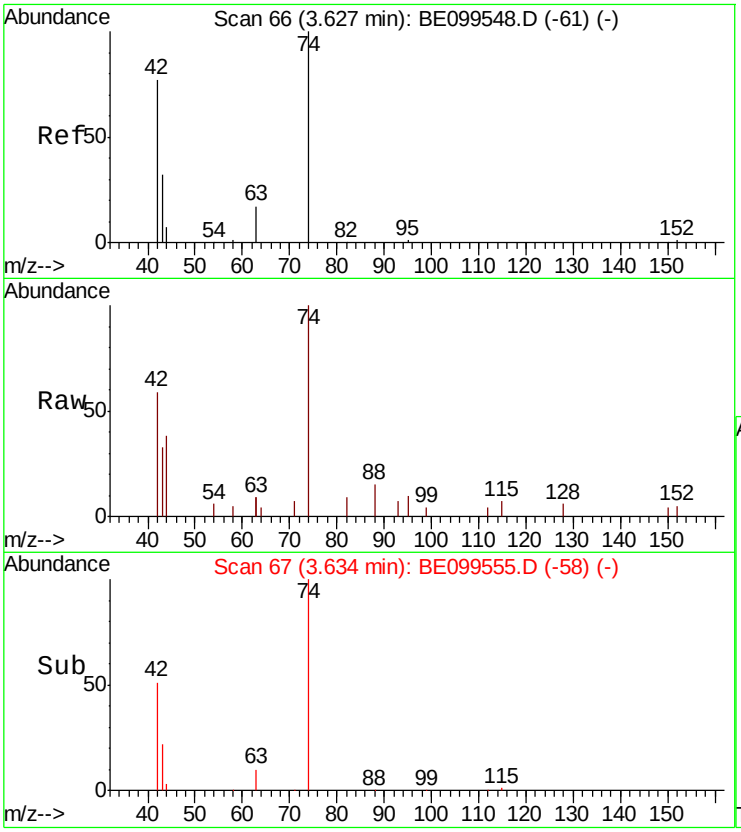


#2
1,4-Dioxane
Concen: 0.350 ng
RT: 3.31 min Scan# 39
Delta R.T. 0.01 min
Lab File: BE099555.D
Acq: 6 May 2019 17:50

Tgt Ion: 88 Resp: 1897

Ion	Ratio	Lower	Upper
88	100		
58	57.5	51.0	76.6
43	22.8	20.6	30.8



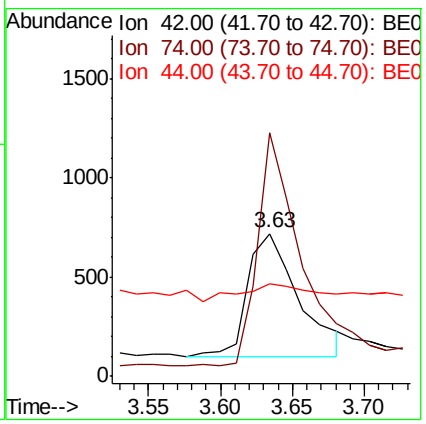


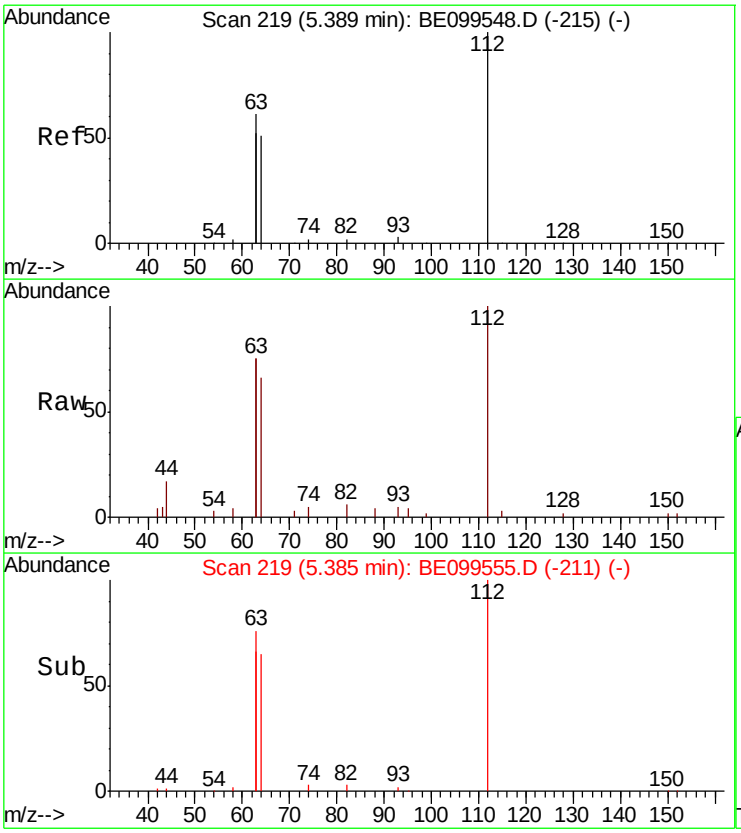
#3
n-Nitrosodimethylamine
Concen: 0.462 ng
RT: 3.63 min Scan# 67
Delta R.T. 0.01 min
Lab File: BE099555.D
Acq: 6 May 2019 17:50

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion: 42 Resp: 1509

Ion	Ratio	Lower	Upper
42	100		
74	157.1	141.6	212.4
44	21.1	0.0	0.0#

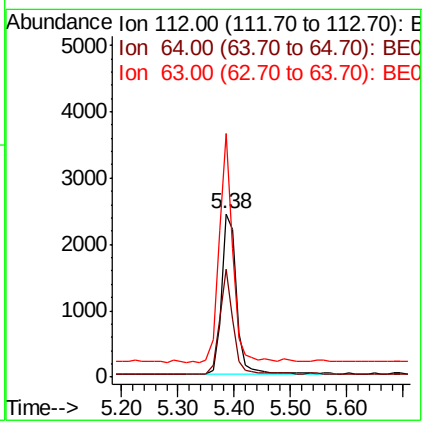


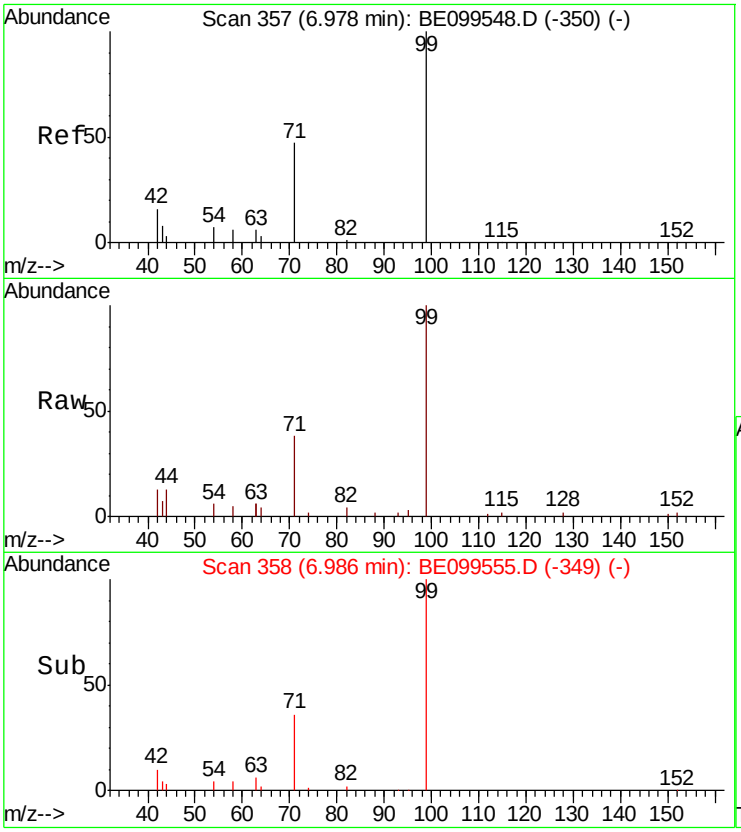


#4
2-Fluorophenol
Concen: 0.401 ng
RT: 5.38 min Scan# 219
Delta R.T. -0.00 min
Lab File: BE099555.D
Acq: 6 May 2019 17:50

Tgt Ion:112 Resp: 4369

Ion	Ratio	Lower	Upper
112	100		
64	58.1	47.4	71.0
63	131.1	104.3	156.5



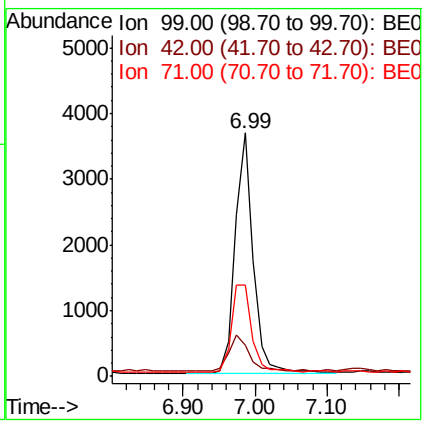


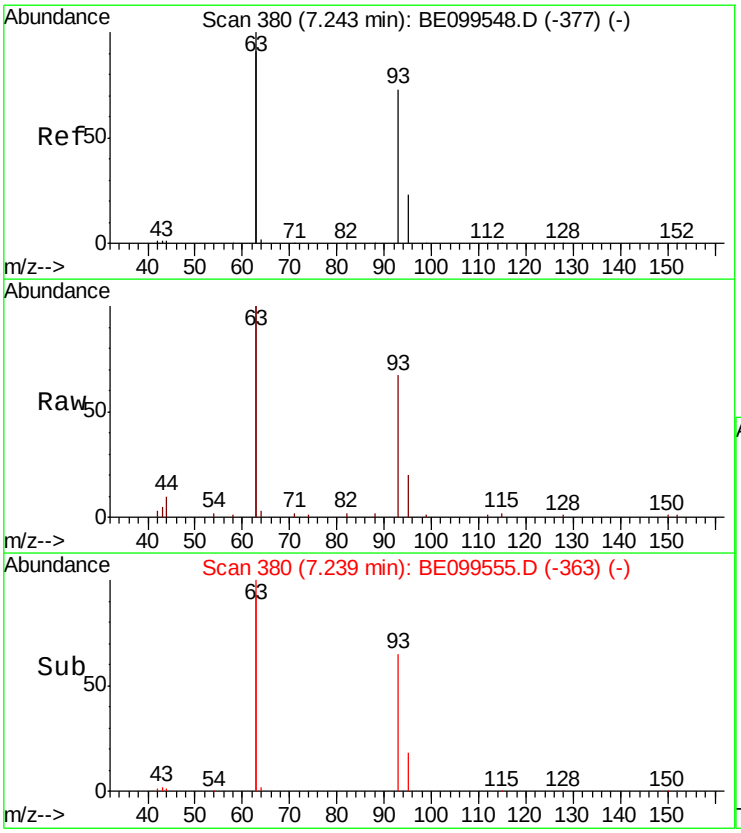
#5
Phenol-d6
Concen: 0.437 ng
RT: 6.99 min Scan# 358
Delta R.T. 0.01 min
Lab File: BE099555.D
Acq: 6 May 2019 17:50

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion: 99 Resp: 6334

Ion	Ratio	Lower	Upper
99	100		
42	16.2	14.9	22.3
71	41.0	33.0	49.6

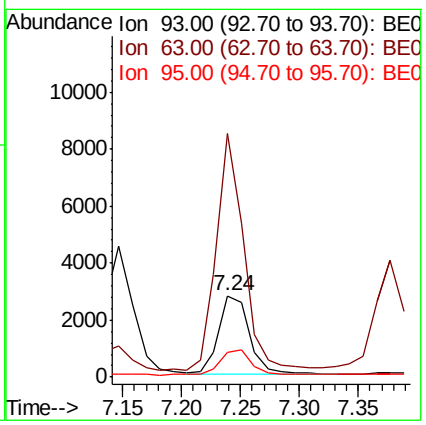


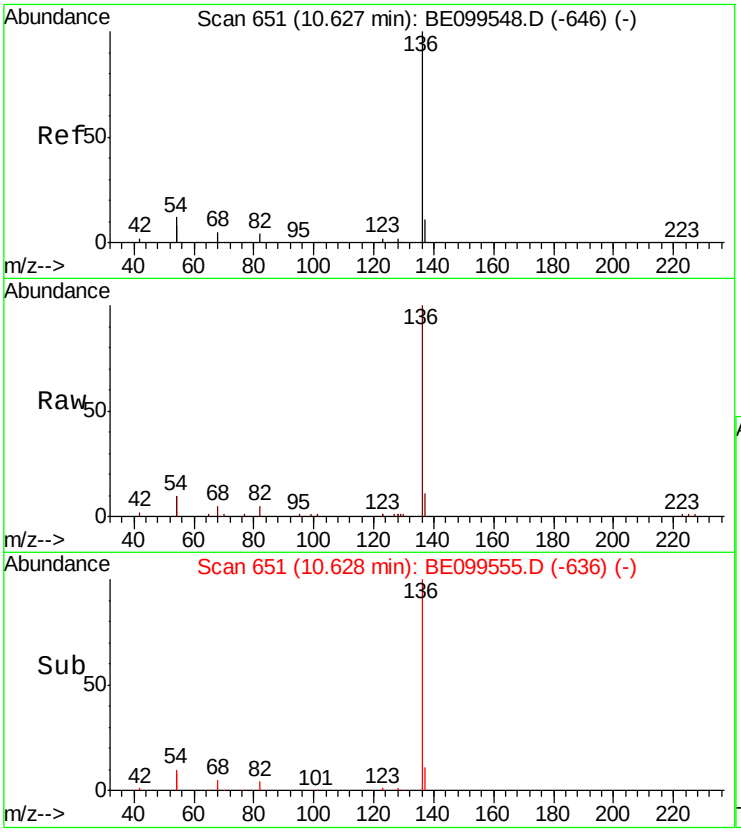


#6
bis(2-Chloroethyl)ether
Concen: 0.398 ng
RT: 7.24 min Scan# 380
Delta R.T. -0.00 min
Lab File: BE099555.D
Acq: 6 May 2019 17:50

Tgt Ion: 93 Resp: 4978

Ion	Ratio	Lower	Upper
93	100		
63	265.5	215.6	323.4
95	31.7	26.2	39.2



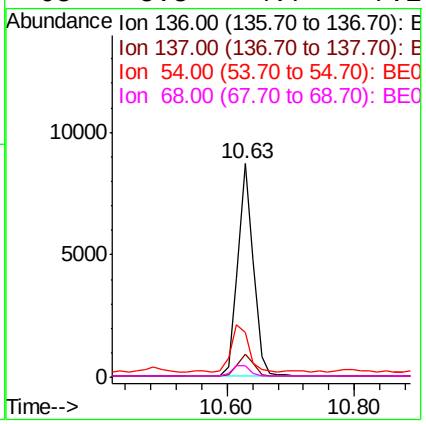


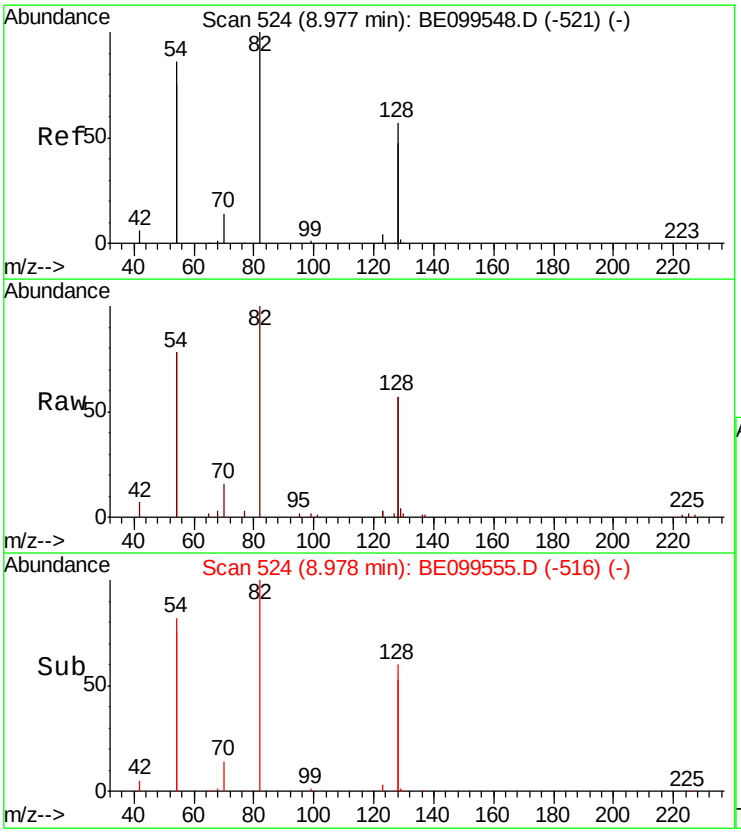
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.63 min Scan# 651
Delta R.T. 0.00 min
Lab File: BE099555.D
Acq: 6 May 2019 17:50

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:136 Resp: 14769

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.8	14.8
54	20.8	18.5	27.7
68	5.3	4.7	7.1

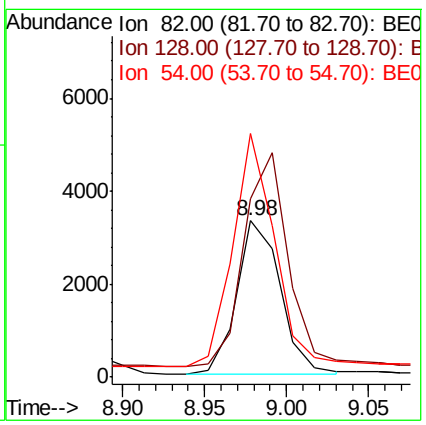


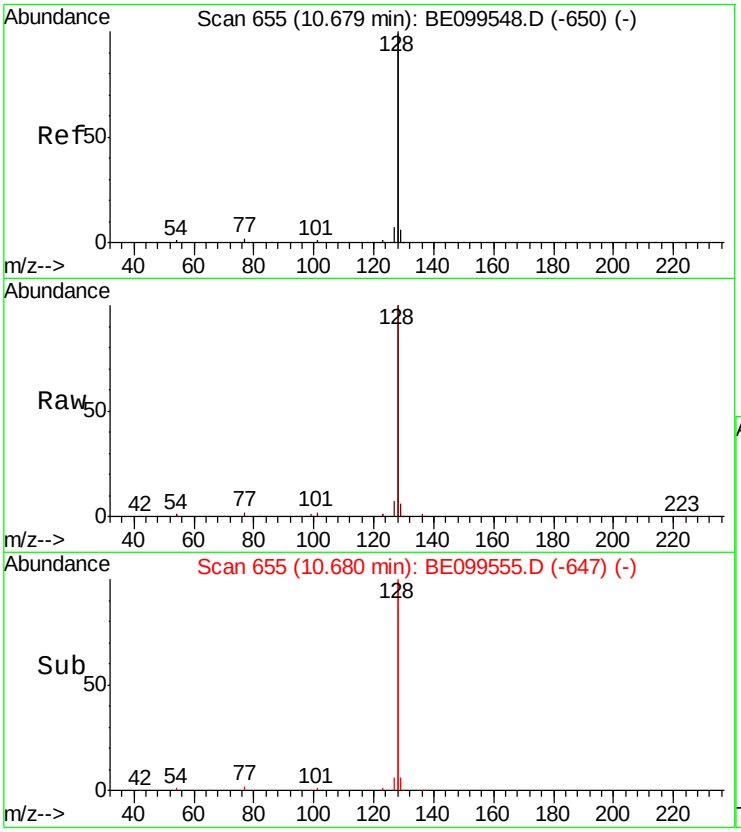


#8
Nitrobenzene-d5
Concen: 0.446 ng
RT: 8.98 min Scan# 524
Delta R.T. 0.00 min
Lab File: BE099555.D
Acq: 6 May 2019 17:50

Tgt Ion: 82 Resp: 6177

Ion	Ratio	Lower	Upper
82	100		
128	114.4	107.0	160.4
54	155.7	113.1	169.7



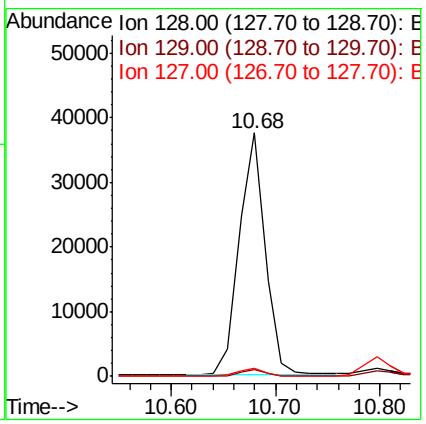


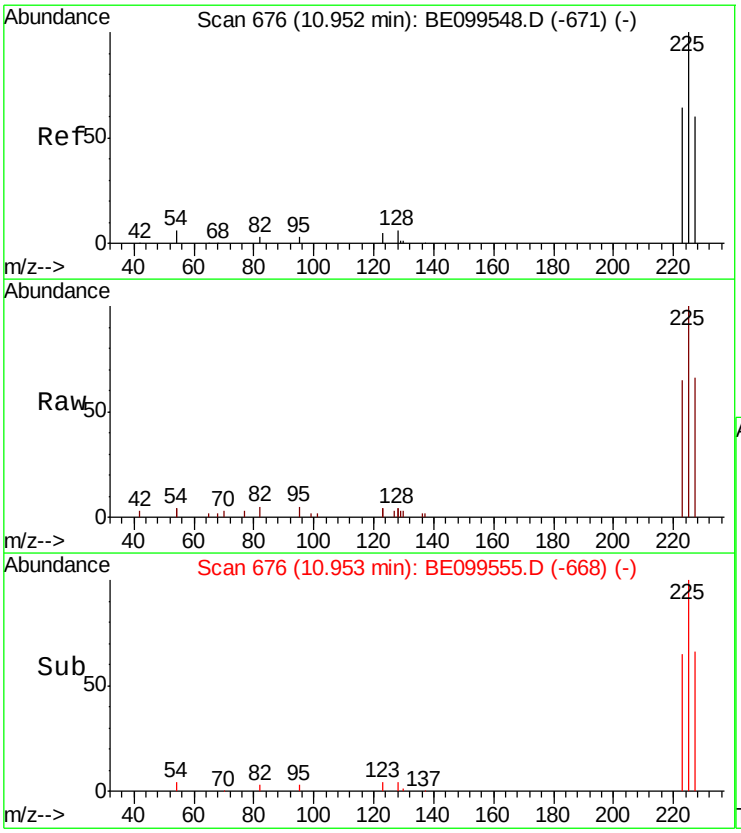
#9
Naphthalene
Concen: 0.404 ng
RT: 10.68 min Scan# 655
Delta R.T. 0.00 min
Lab File: BE099555.D
Acq: 6 May 2019 17:50

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:128 Resp: 65035

Ion	Ratio	Lower	Upper
128	100		
129	3.0	2.4	3.6
127	3.4	2.8	4.2

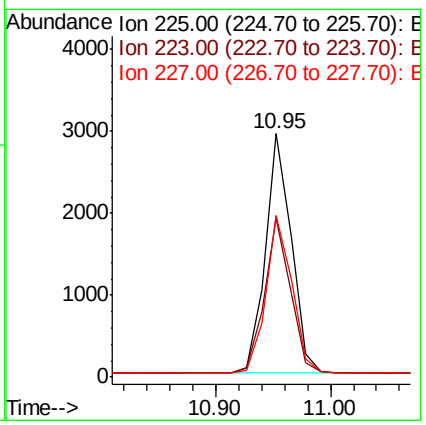


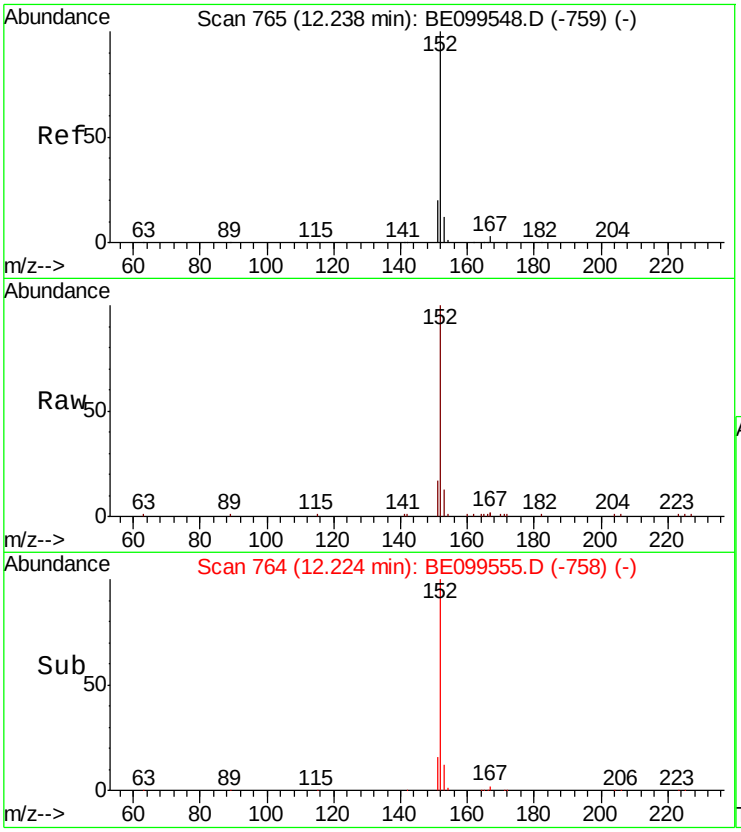


#10
Hexachlorobutadiene
Concen: 0.415 ng
RT: 10.95 min Scan# 676
Delta R.T. 0.00 min
Lab File: BE099555.D
Acq: 6 May 2019 17:50

Tgt Ion:225 Resp: 4649

Ion	Ratio	Lower	Upper
225	100		
223	64.6	51.0	76.6
227	66.2	50.9	76.3



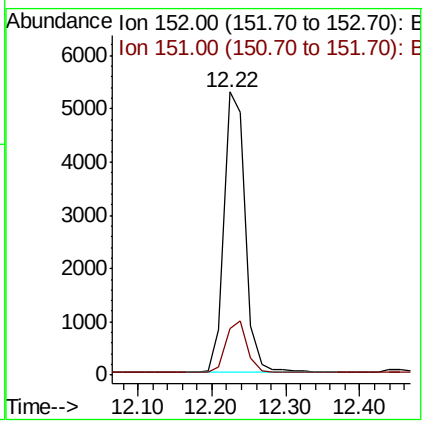


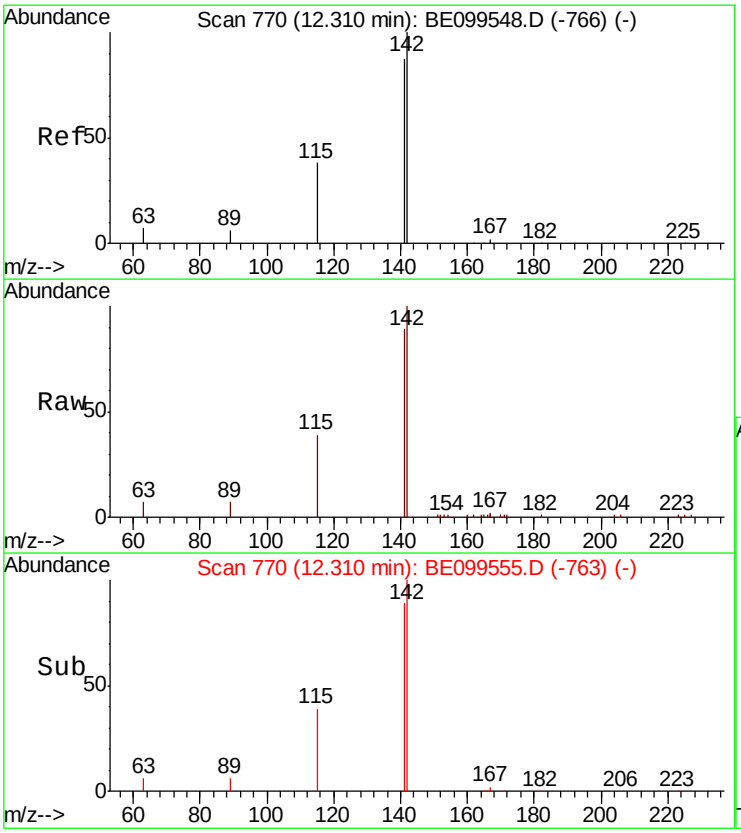
#11
2-Methylnaphthalene-d10
Concen: 0.397 ng
RT: 12.22 min Scan# 764
Delta R.T. -0.01 min
Lab File: BE099555.D
Acq: 6 May 2019 17:50

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:152 Resp: 10554

Ion	Ratio	Lower	Upper
152	100		
151	18.8	15.5	23.3

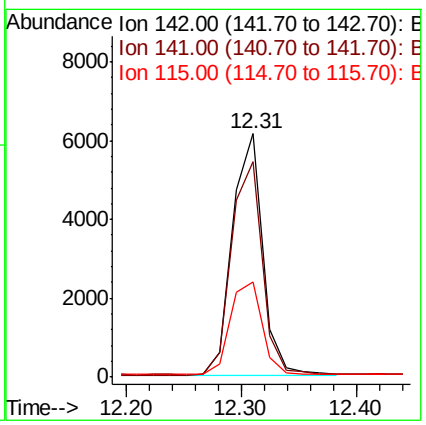


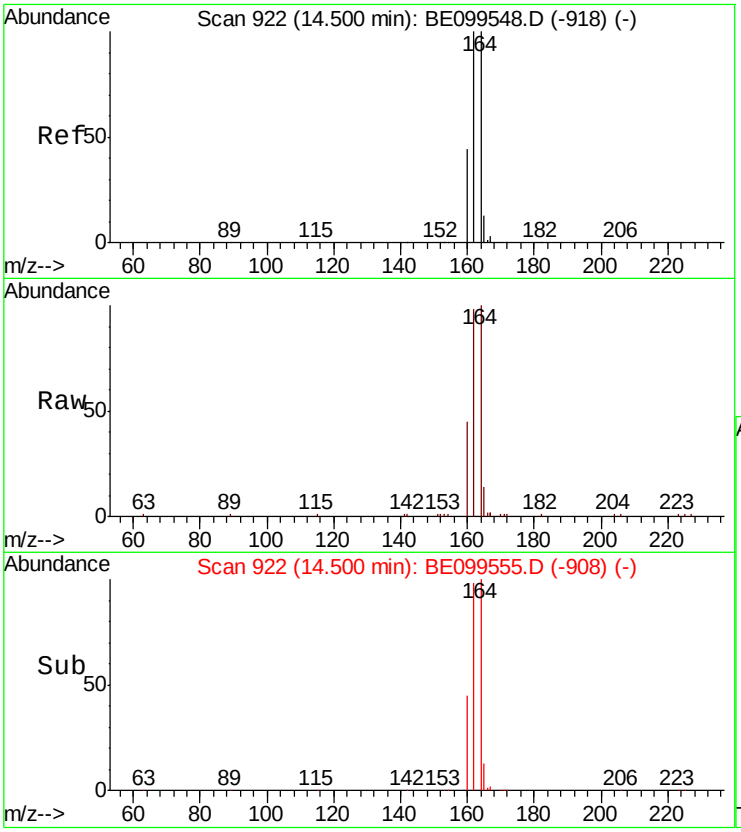


#12
2-Methylnaphthalene
Concen: 0.398 ng
RT: 12.31 min Scan# 770
Delta R.T. 0.00 min
Lab File: BE099555.D
Acq: 6 May 2019 17:50

Tgt Ion:142 Resp: 11132

Ion	Ratio	Lower	Upper
142	100		
141	88.6	77.0	115.4
115	39.3	33.4	50.0



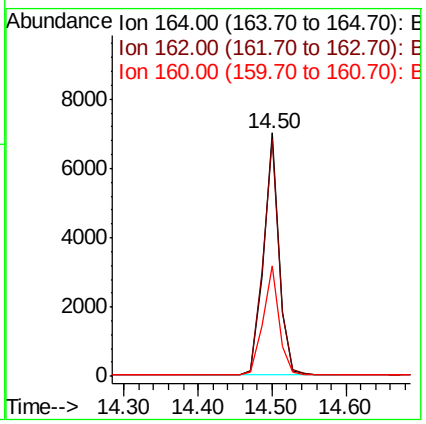


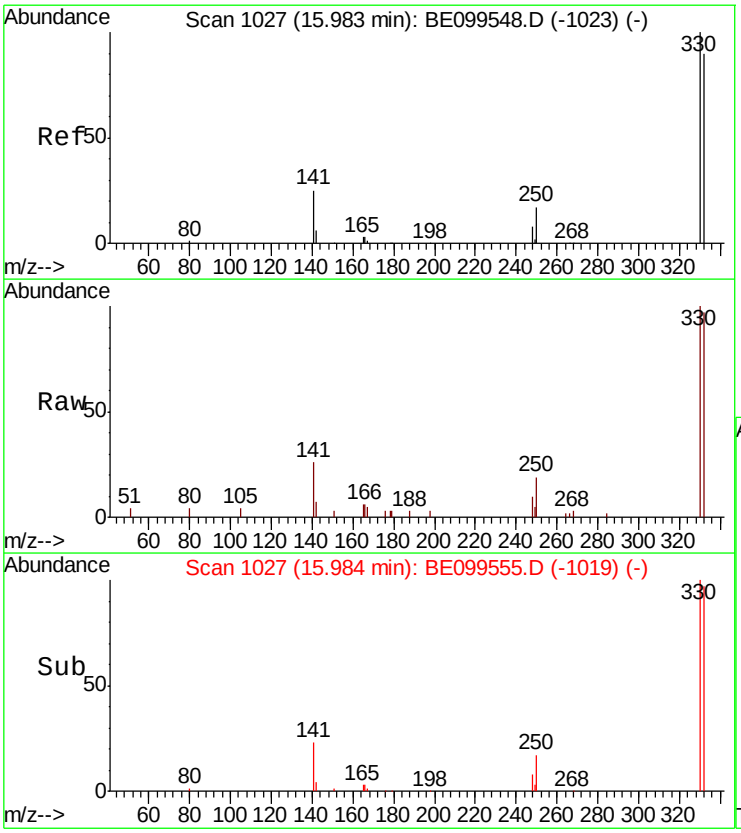
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.50 min Scan# 922
Delta R.T. 0.00 min
Lab File: BE099555.D
Acq: 6 May 2019 17:50

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:164 Resp: 10304

Ion	Ratio	Lower	Upper
164	100		
162	97.7	79.0	118.4
160	45.2	37.0	55.4

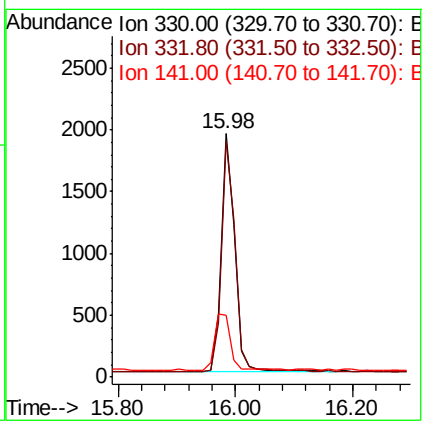


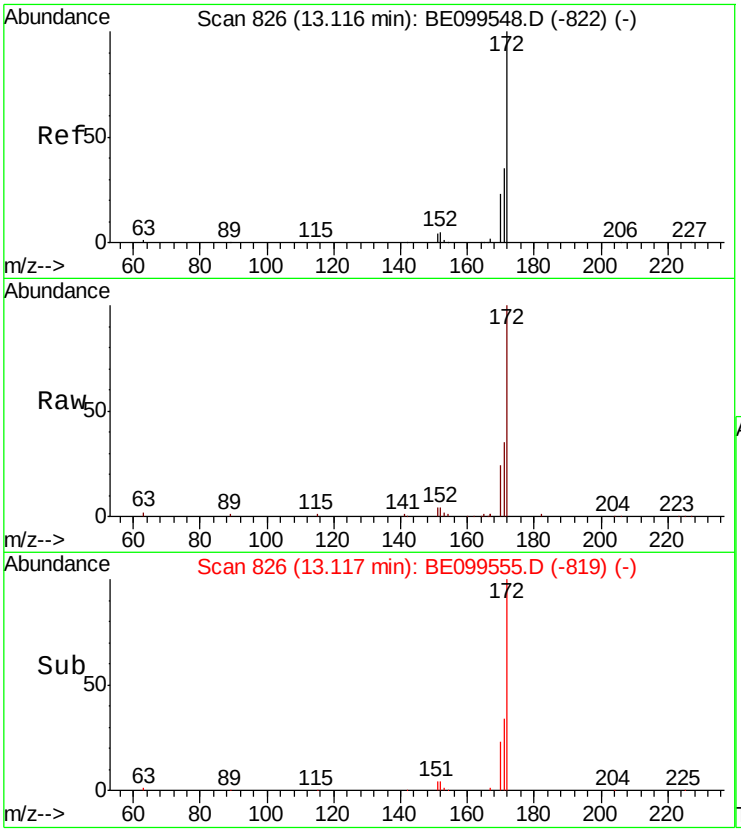


#14
2,4,6-Tribromophenol
Concen: 0.487 ng
RT: 15.98 min Scan# 1027
Delta R.T. 0.00 min
Lab File: BE099555.D
Acq: 6 May 2019 17:50

Tgt Ion:330 Resp: 3161

Ion	Ratio	Lower	Upper
330	100		
332	97.1	71.5	107.3
141	28.1	24.0	36.0



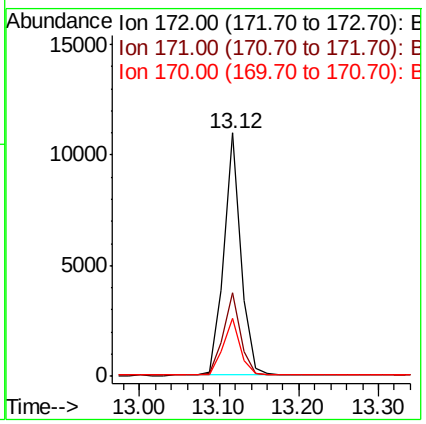


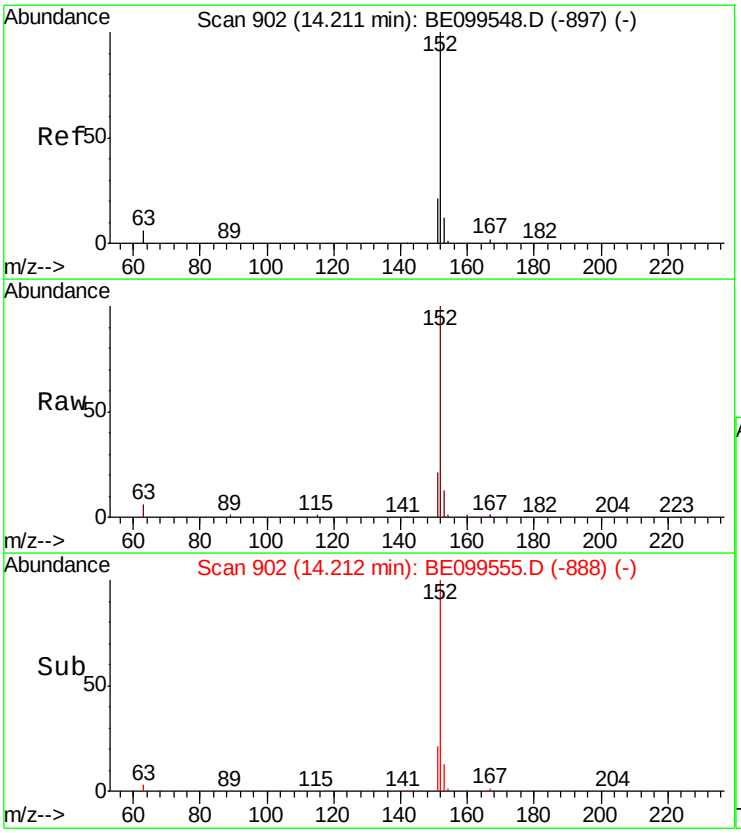
#15
2-Fluorobiphenyl
Concen: 0.416 ng
RT: 13.12 min Scan# 826
Delta R.T. 0.00 min
Lab File: BE099555.D
Acq: 6 May 2019 17:50

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:172 Resp: 16345

Ion	Ratio	Lower	Upper
172	100		
171	34.5	26.6	39.8
170	23.6	17.0	25.6

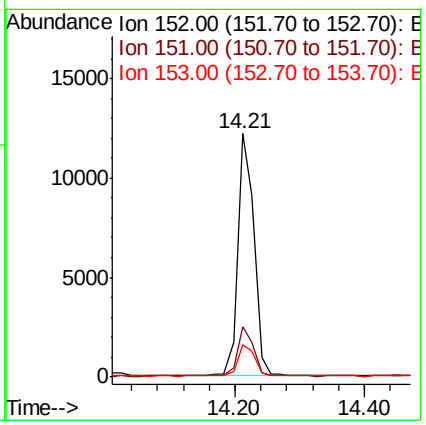


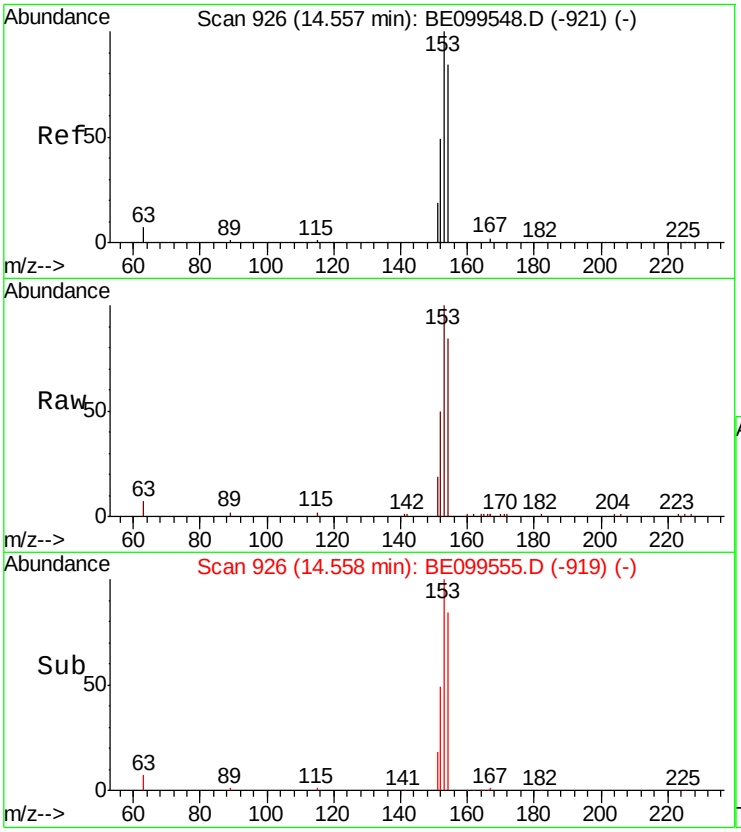


#16
Acenaphthylene
Concen: 0.418 ng
RT: 14.21 min Scan# 902
Delta R.T. 0.00 min
Lab File: BE099555.D
Acq: 6 May 2019 17:50

Tgt Ion:152 Resp: 21093

Ion	Ratio	Lower	Upper
152	100		
151	19.8	15.4	23.2
153	13.0	9.8	14.6



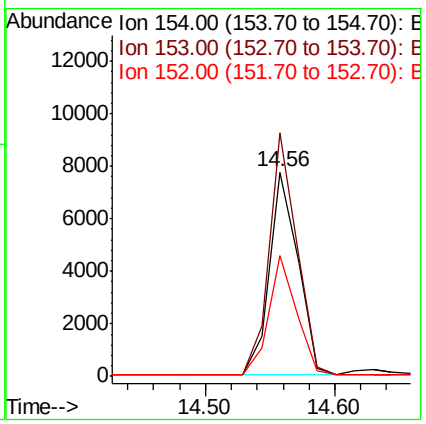


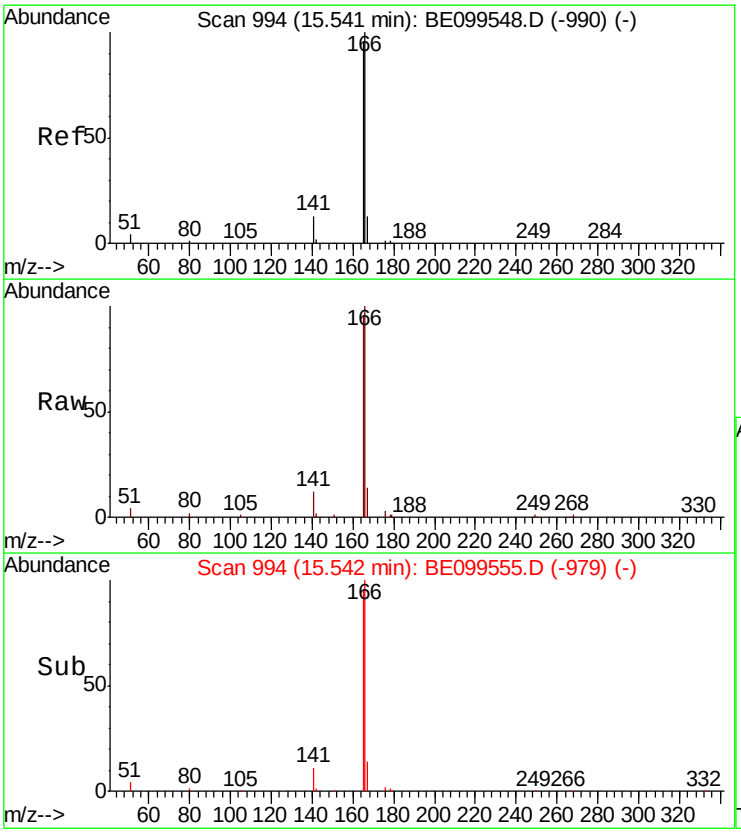
#17
Acenaphthene
Concen: 0.412 ng
RT: 14.56 min Scan# 926
Delta R.T. 0.00 min
Lab File: BE099555.D
Acq: 6 May 2019 17:50

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:154 Resp: 11856

Ion	Ratio	Lower	Upper
154	100		
153	115.9	92.6	138.8
152	57.3	45.8	68.8

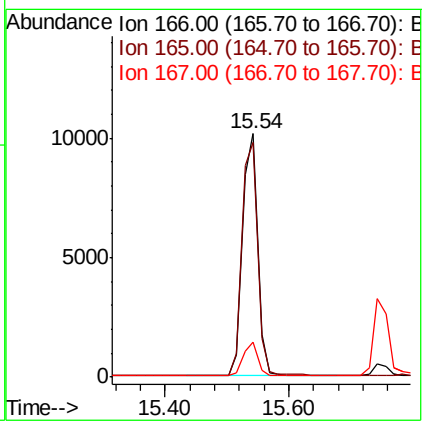


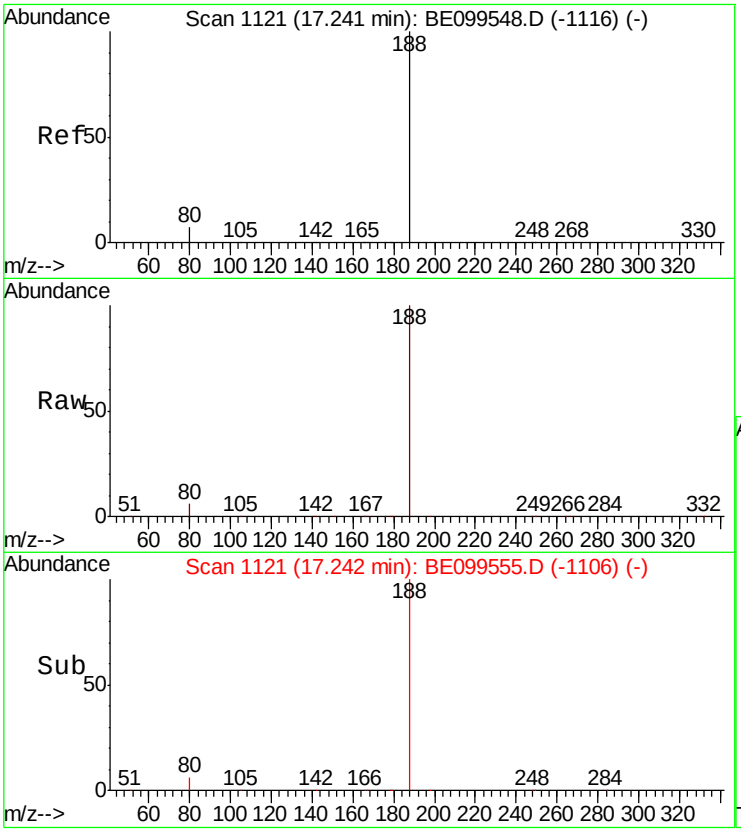


#18
Fluorene
Concen: 0.407 ng
RT: 15.54 min Scan# 994
Delta R.T. 0.00 min
Lab File: BE099555.D
Acq: 6 May 2019 17:50

Tgt Ion:166 Resp: 17291

Ion	Ratio	Lower	Upper
166	100		
165	100.1	80.3	120.5
167	13.6	10.7	16.1



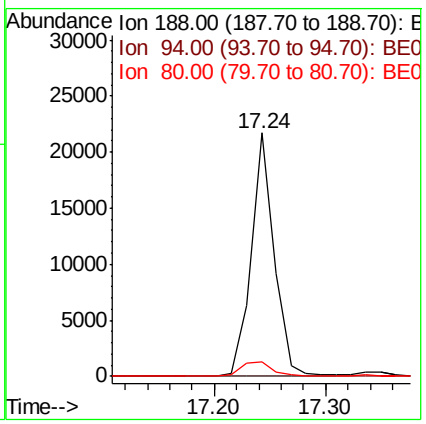


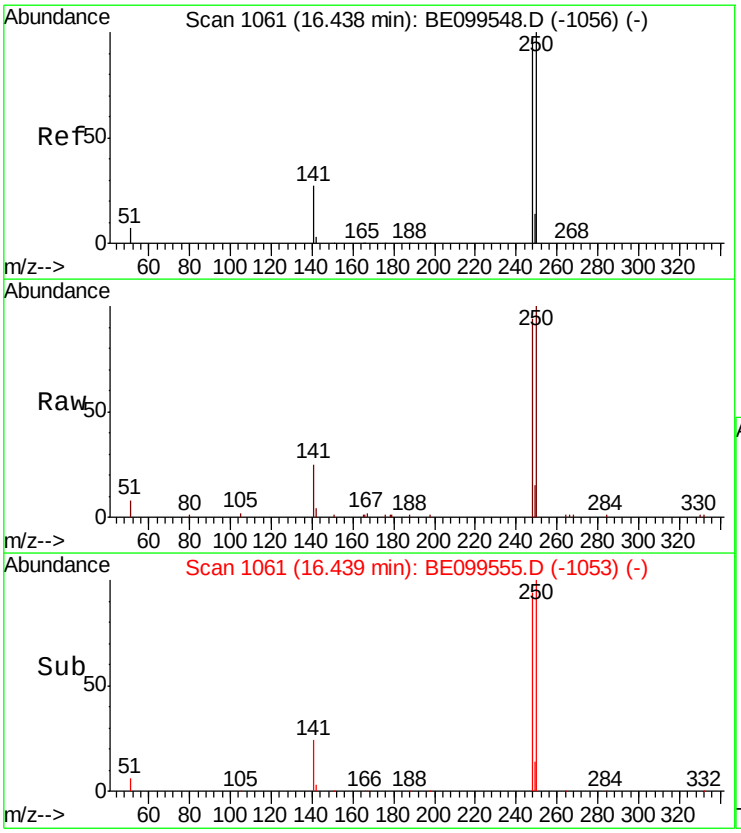
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.24 min Scan# 1121
Delta R.T. 0.00 min
Lab File: BE099555.D
Acq: 6 May 2019 17:50

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:188 Resp: 31066

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	6.1	6.7	10.1#

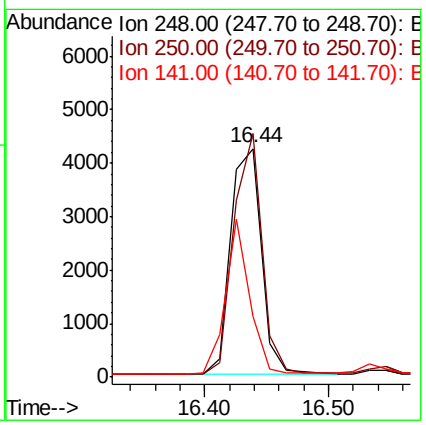


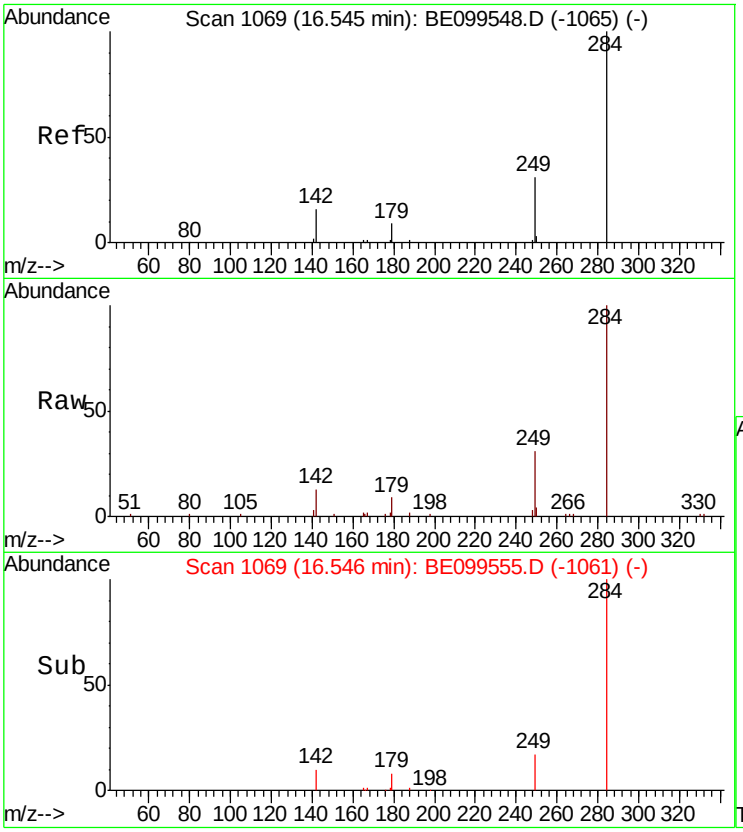


#20
4-Bromophenyl-phenylether
Concen: 0.406 ng
RT: 16.44 min Scan# 1061
Delta R.T. 0.00 min
Lab File: BE099555.D
Acq: 6 May 2019 17:50

Tgt Ion:248 Resp: 7345

Ion	Ratio	Lower	Upper
248	100		
250	106.5	75.8	113.8
141	26.2	35.7	53.5#



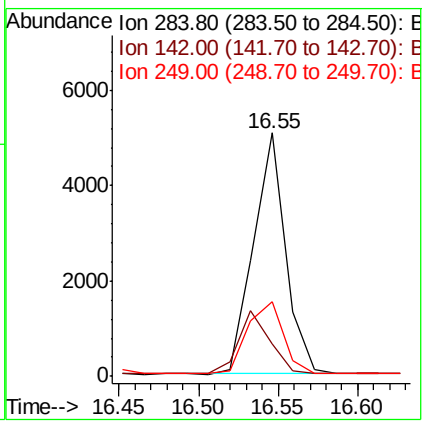


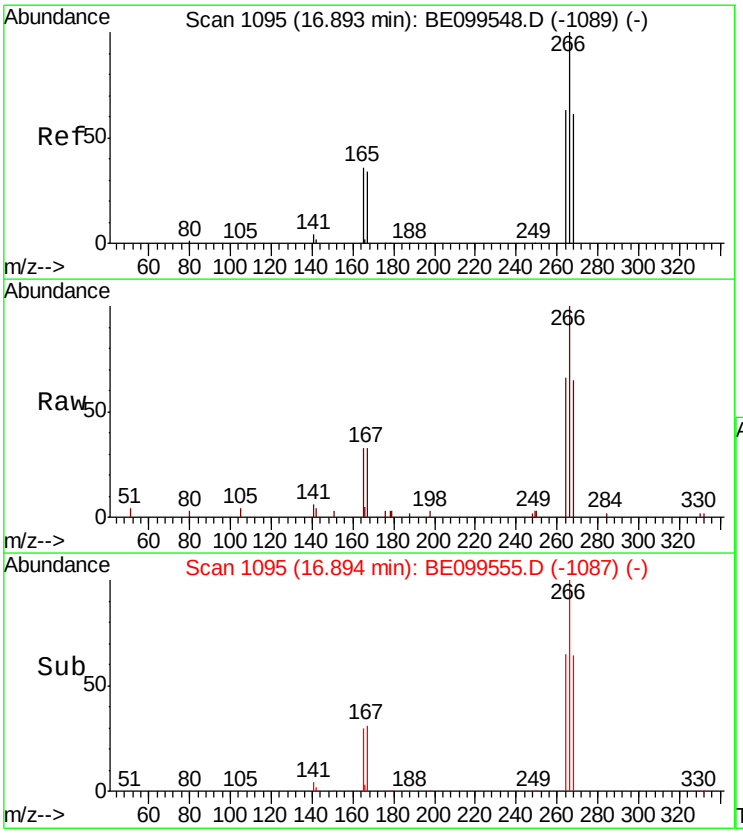
#21
Hexachlorobenzene
Concen: 0.416 ng
RT: 16.55 min Scan# 1069
Delta R.T. 0.00 min
Lab File: BE099555.D
Acq: 6 May 2019 17:50

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:284 Resp: 7174

Ion	Ratio	Lower	Upper
284	100		
142	25.9	21.0	31.6
249	33.1	26.7	40.1

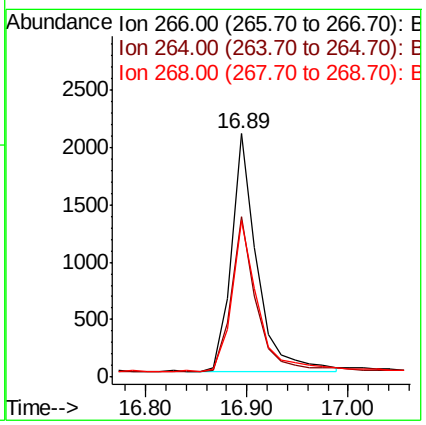


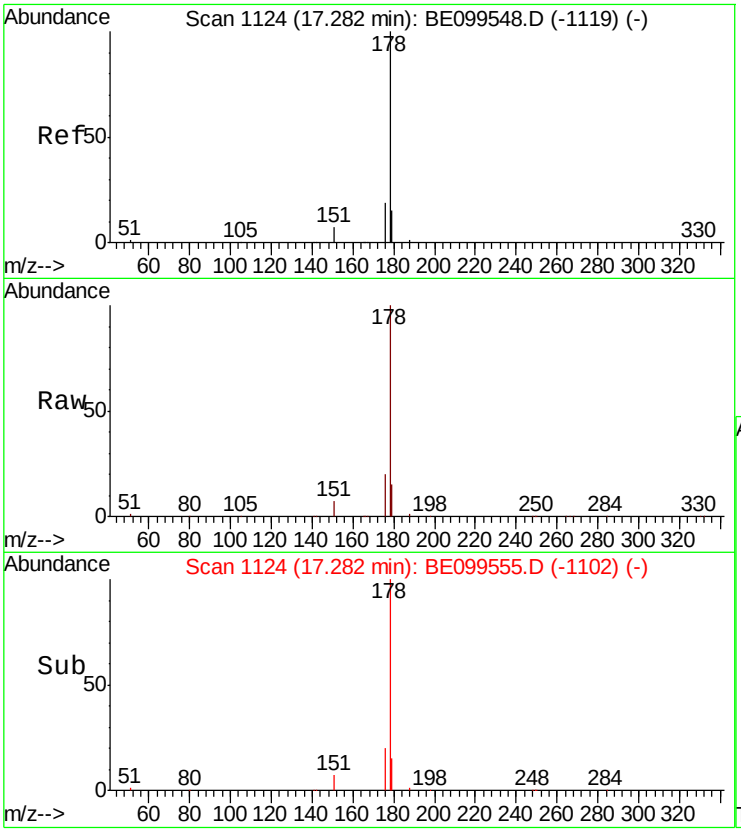


#22
Pentachlorophenol
Concen: 0.564 ng
RT: 16.89 min Scan# 1095
Delta R.T. 0.00 min
Lab File: BE099555.D
Acq: 6 May 2019 17:50

Tgt Ion:266 Resp: 3611

Ion	Ratio	Lower	Upper
266	100		
264	65.7	50.8	76.2
268	64.5	50.5	75.7



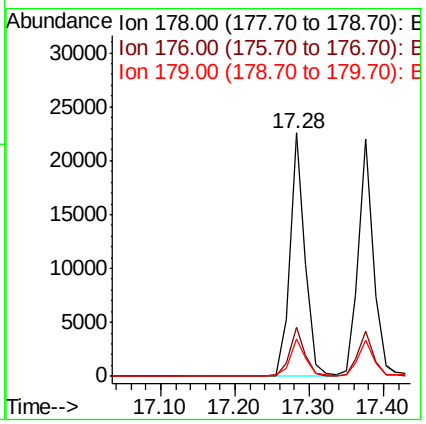


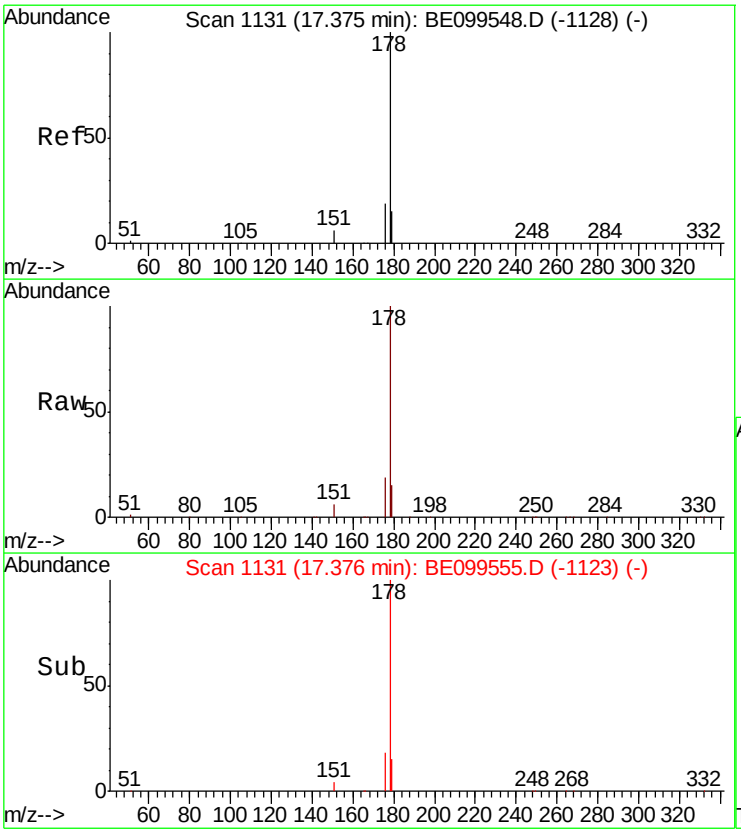
#23
Phenanthrene
Concen: 0.397 ng
RT: 17.28 min Scan# 1124
Delta R.T. 0.00 min
Lab File: BE099555.D
Acq: 6 May 2019 17:50

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:178 Resp: 31862

Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.6	23.4
179	15.3	12.0	18.0

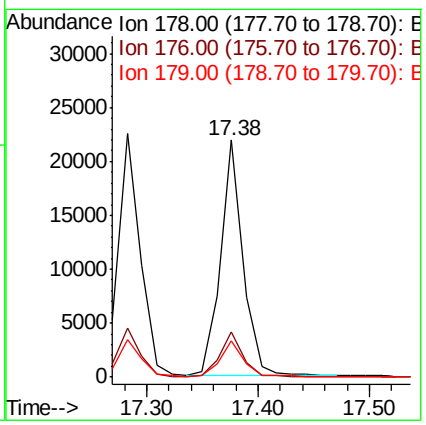


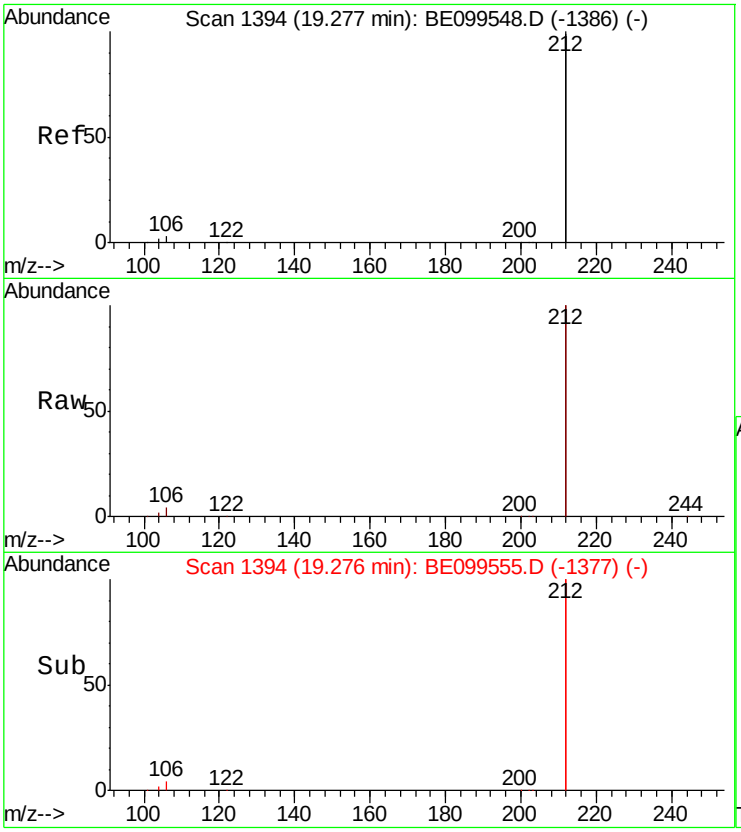


#24
Anthracene
Concen: 0.401 ng
RT: 17.38 min Scan# 1131
Delta R.T. 0.00 min
Lab File: BE099555.D
Acq: 6 May 2019 17:50

Tgt Ion:178 Resp: 30634

Ion	Ratio	Lower	Upper
178	100		
176	19.3	14.9	22.3
179	15.2	11.9	17.9



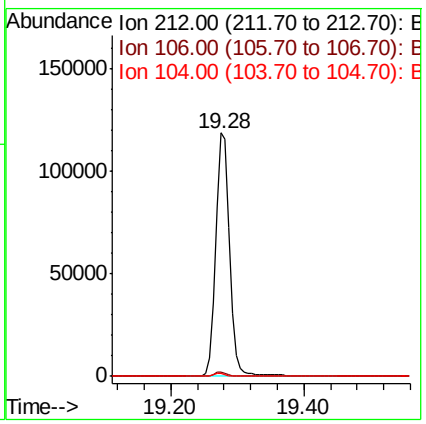


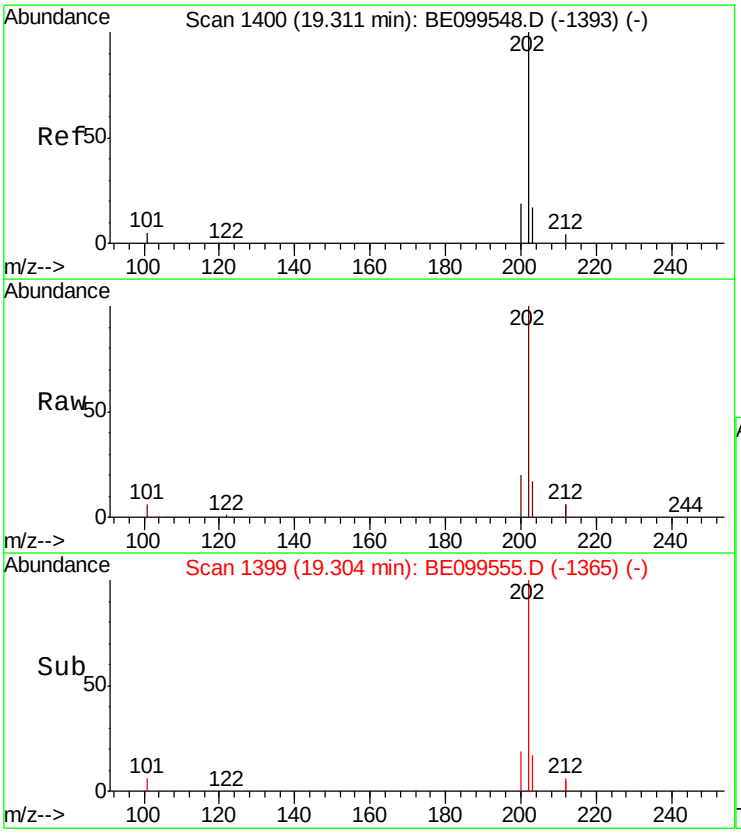
#25
Fluoranthene-d10
Concen: 0.404 ng
RT: 19.28 min Scan# 1394
Delta R.T. -0.00 min
Lab File: BE099555.D
Acq: 6 May 2019 17:50

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:212 Resp: 169151

Ion	Ratio	Lower	Upper
212	100		
106	1.8	1.5	2.3
104	1.0	0.9	1.3

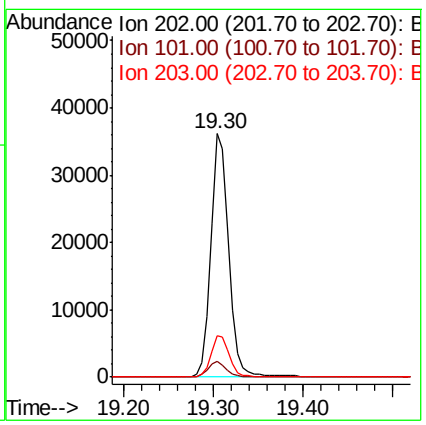


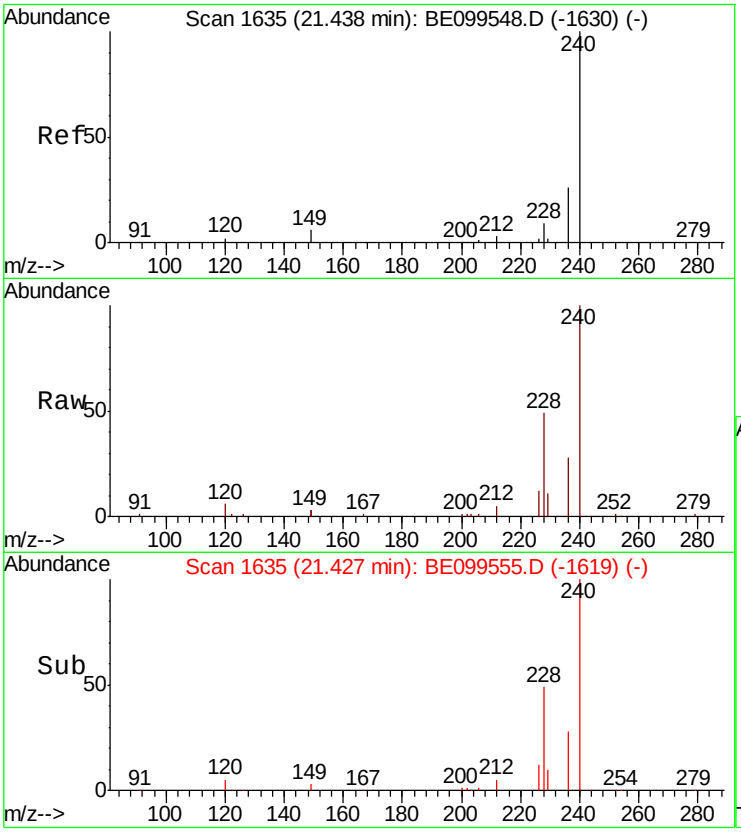


#26
Fluoranthene
Concen: 0.410 ng
RT: 19.30 min Scan# 1399
Delta R.T. -0.01 min
Lab File: BE099555.D
Acq: 6 May 2019 17:50

Tgt Ion:202 Resp: 49287

Ion	Ratio	Lower	Upper
202	100		
101	6.2	5.4	8.0
203	16.9	13.9	20.9



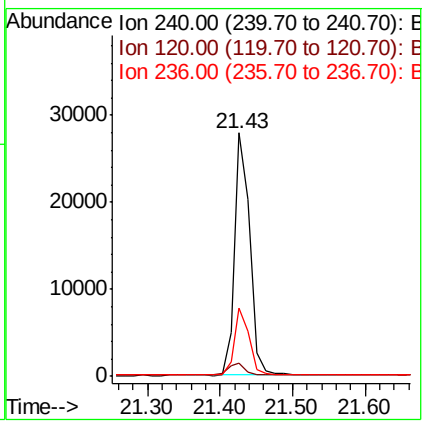


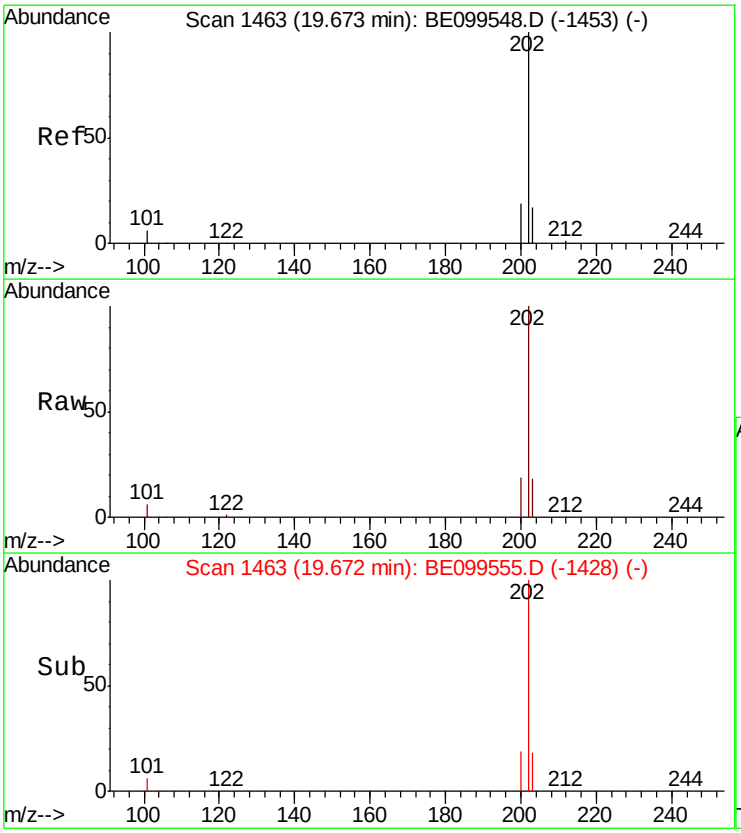
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.43 min Scan# 1635
Delta R.T. -0.01 min
Lab File: BE099555.D
Acq: 6 May 2019 17:50

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:240 Resp: 41386

Ion	Ratio	Lower	Upper
240	100		
120	5.6	4.0	6.0
236	27.9	22.0	33.0

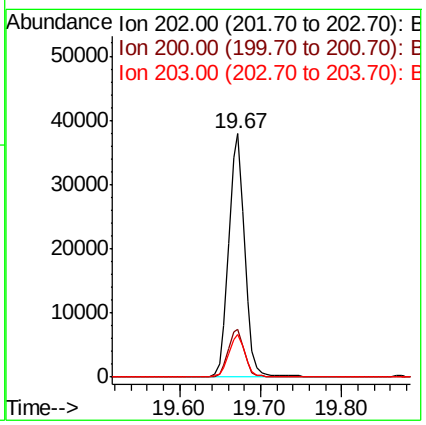


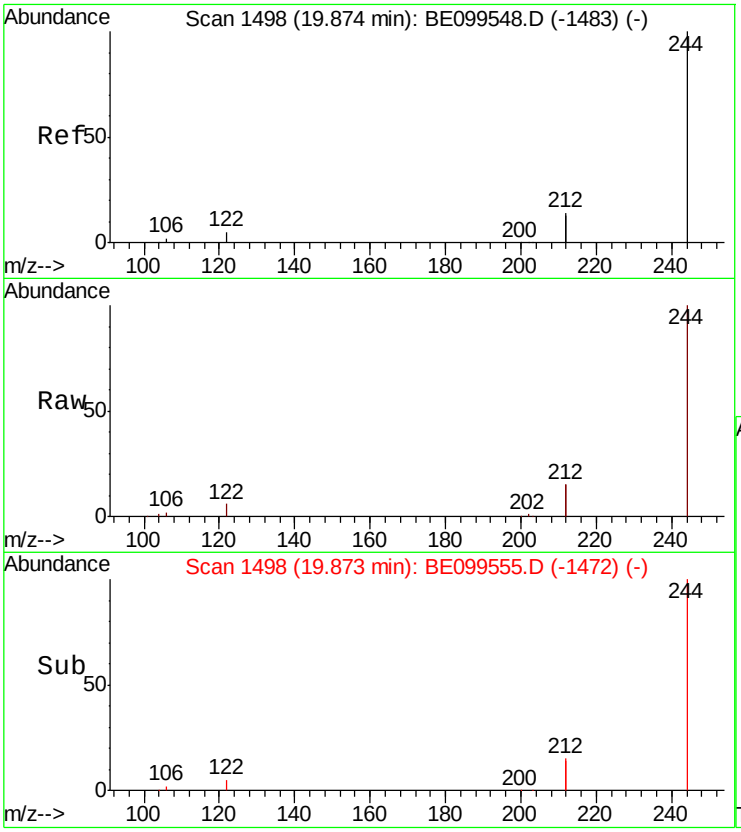


#28
Pyrene
Concen: 0.474 ng
RT: 19.67 min Scan# 1463
Delta R.T. -0.00 min
Lab File: BE099555.D
Acq: 6 May 2019 17:50

Tgt Ion:202 Resp: 51139

Ion	Ratio	Lower	Upper
202	100		
200	19.8	15.7	23.5
203	17.8	13.9	20.9



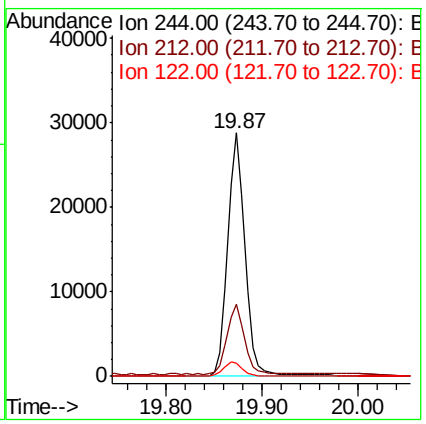


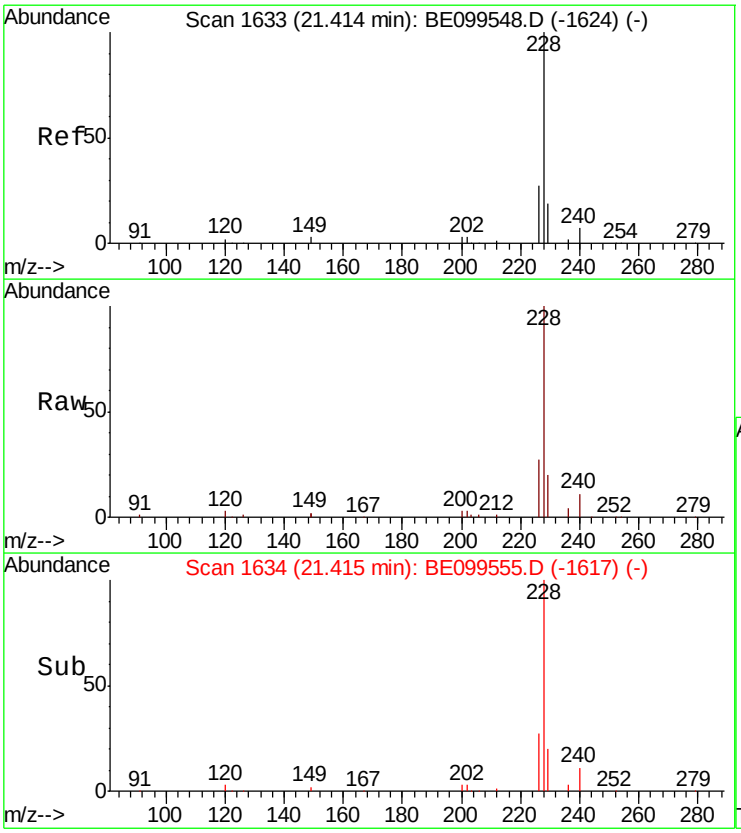
#29
Terphenyl-d14
Concen: 0.470 ng
RT: 19.87 min Scan# 1498
Delta R.T. -0.00 min
Lab File: BE099555.D
Acq: 6 May 2019 17:50

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:244 Resp: 35610

Ion	Ratio	Lower	Upper
244	100		
212	29.5	23.2	34.8
122	5.5	4.2	6.4

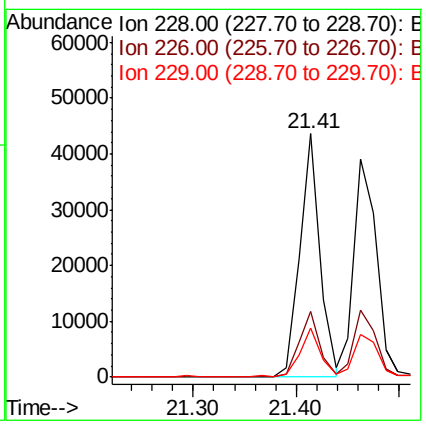


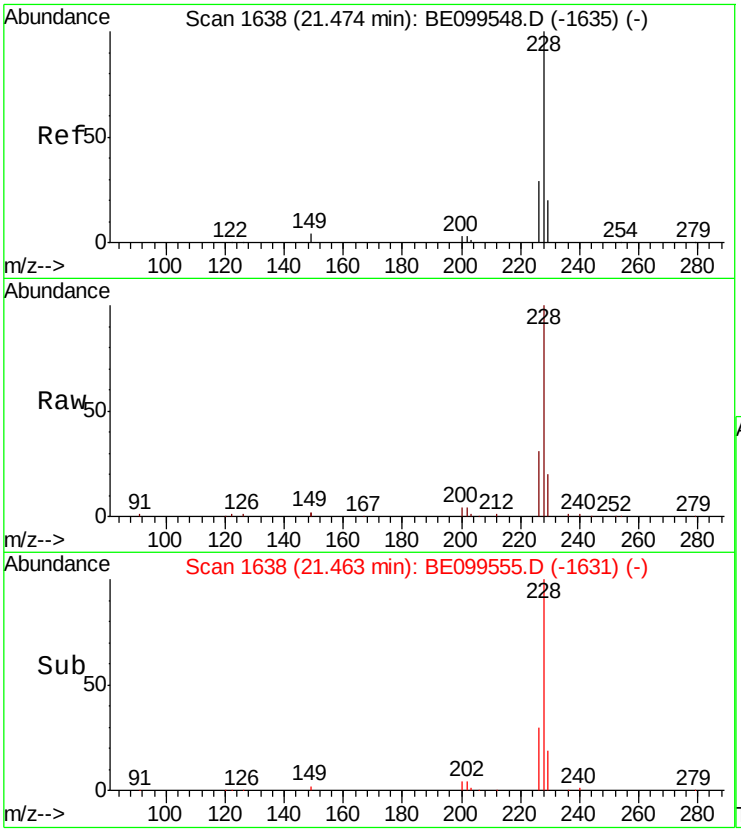


#30
Benzo(a)anthracene
Concen: 0.449 ng
RT: 21.41 min Scan# 1634
Delta R.T. 0.00 min
Lab File: BE099555.D
Acq: 6 May 2019 17:50

Tgt Ion:228 Resp: 59228

Ion	Ratio	Lower	Upper
228	100		
226	27.2	21.0	31.6
229	20.0	16.6	25.0



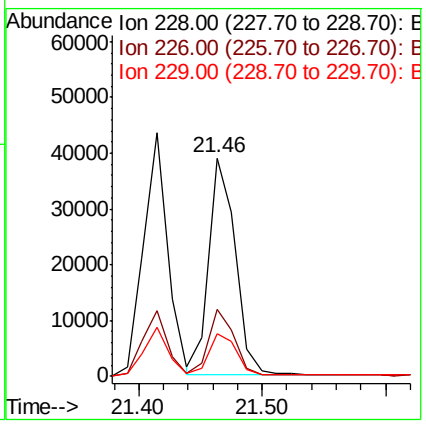


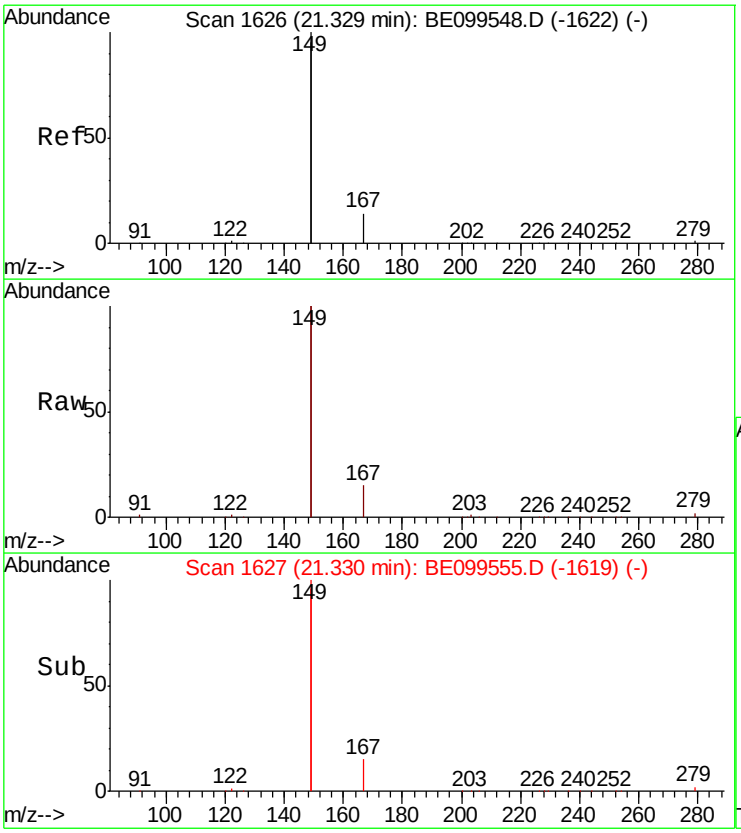
#31
Chrysene
Concen: 0.451 ng
RT: 21.46 min Scan# 1638
Delta R.T. -0.01 min
Lab File: BE099555.D
Acq: 6 May 2019 17:50

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:228 Resp: 58259

Ion	Ratio	Lower	Upper
228	100		
226	30.7	24.0	36.0
229	19.8	15.8	23.8

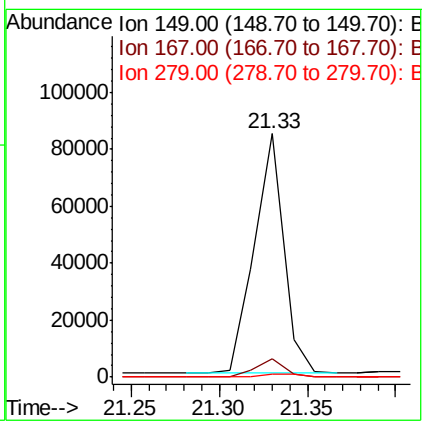


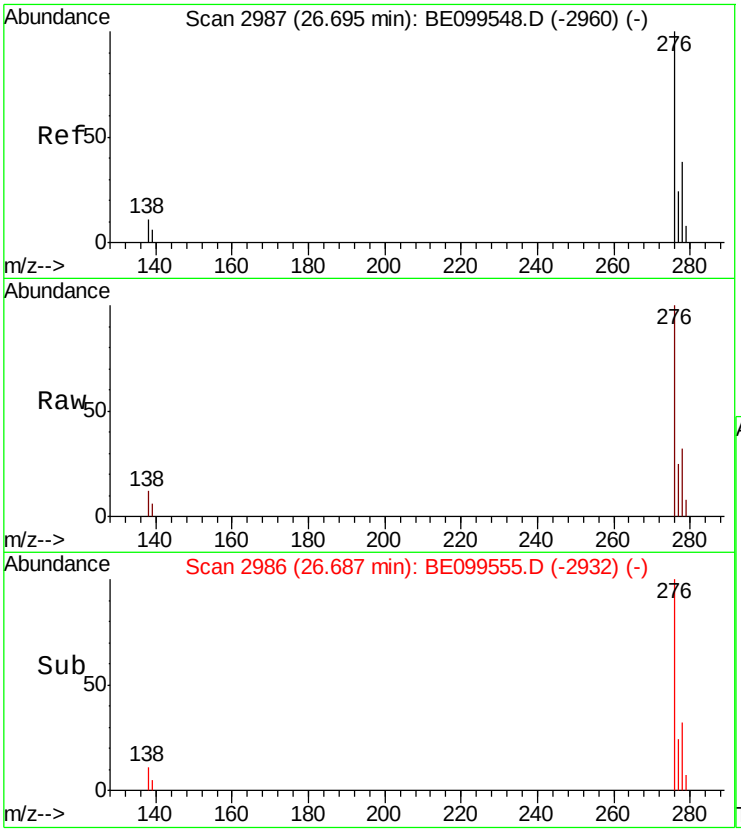


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.451 ng
RT: 21.33 min Scan# 1627
Delta R.T. 0.00 min
Lab File: BE099555.D
Acq: 6 May 2019 17:50

Tgt Ion:149 Resp: 97301

Ion	Ratio	Lower	Upper
149	100		
167	7.4	5.8	8.6
279	1.4	1.0	1.6



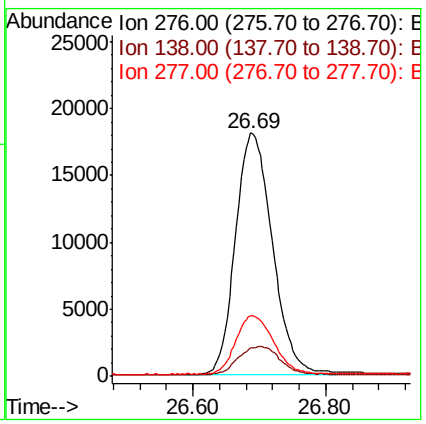


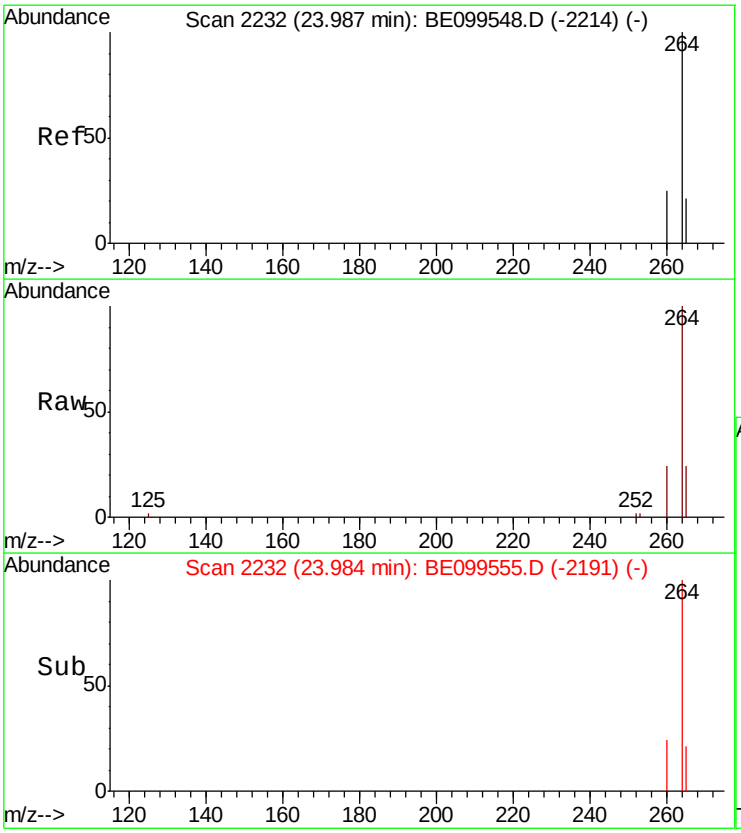
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.459 ng
RT: 26.69 min Scan# 2986
Delta R.T. -0.01 min
Lab File: BE099555.D
Acq: 6 May 2019 17:50

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:276 Resp: 70002

Ion	Ratio	Lower	Upper
276	100		
138	13.0	10.2	15.2
277	24.5	19.2	28.8

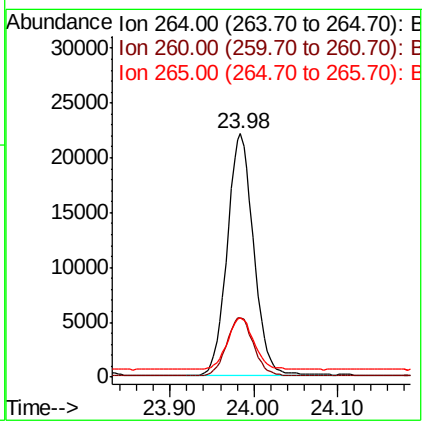


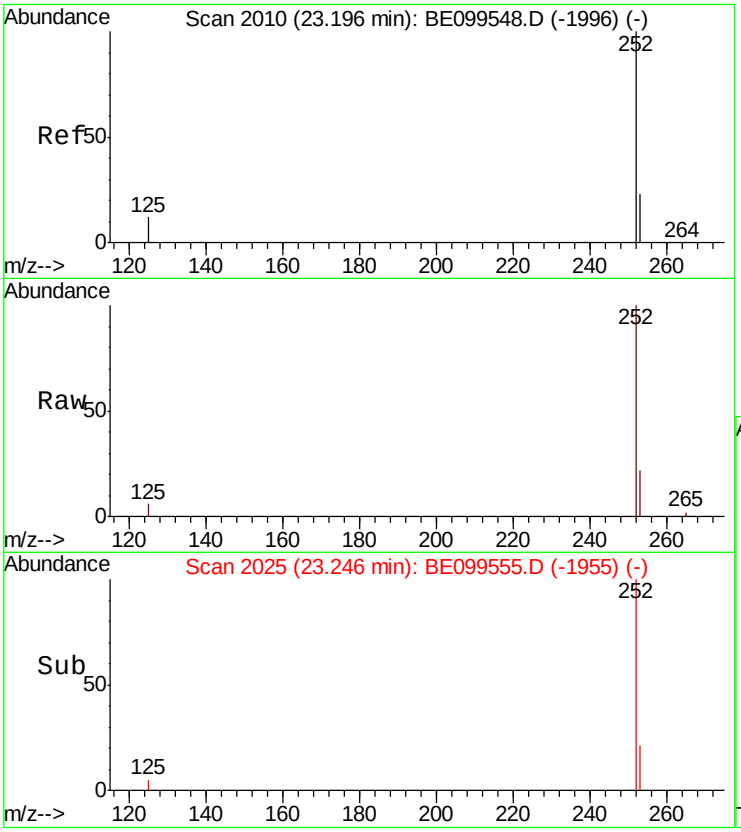


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.98 min Scan# 2232
Delta R.T. -0.00 min
Lab File: BE099555.D
Acq: 6 May 2019 17:50

Tgt Ion:264 Resp: 48248

Ion	Ratio	Lower	Upper
264	100		
260	24.4	20.2	30.2
265	24.5	21.3	31.9



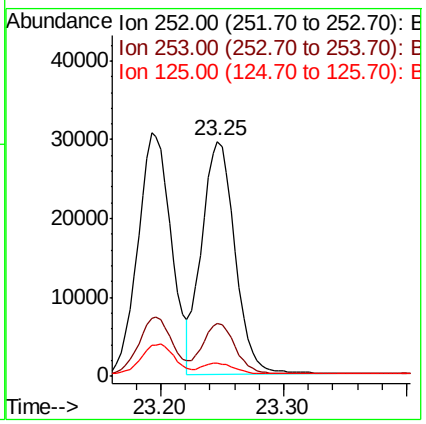


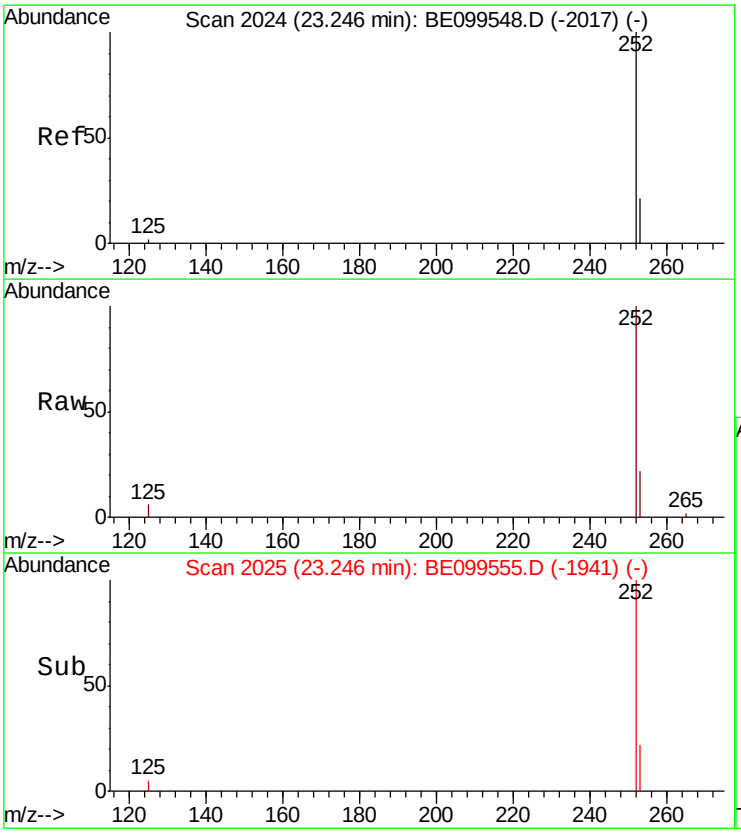
#35
Benzo(b)fluoranthene
Concen: 0.397 ng
RT: 23.25 min Scan# 2025
Delta R.T. 0.05 min
Lab File: BE099555.D
Acq: 6 May 2019 17:50

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:252 Resp: 55247

Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.1	27.1
125	5.8	5.6	8.4

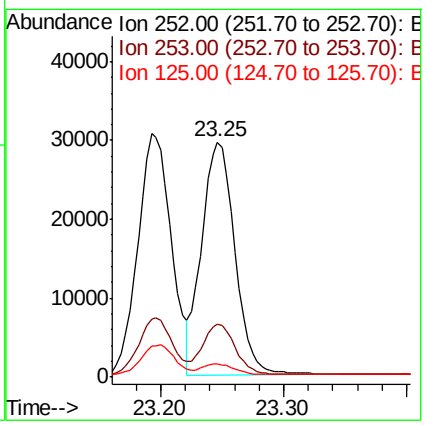


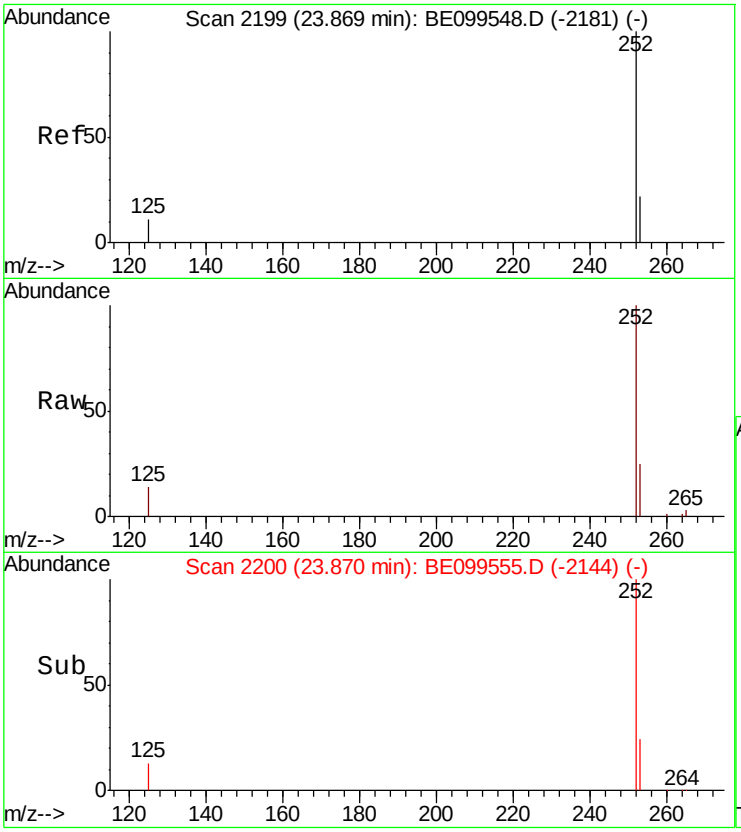


#36
Benzo(k)fluoranthene
Concen: 0.412 ng
RT: 23.25 min Scan# 2025
Delta R.T. 0.00 min
Lab File: BE099555.D
Acq: 6 May 2019 17:50

Tgt Ion:252 Resp: 55247

Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.4	27.6
125	5.8	5.0	7.4



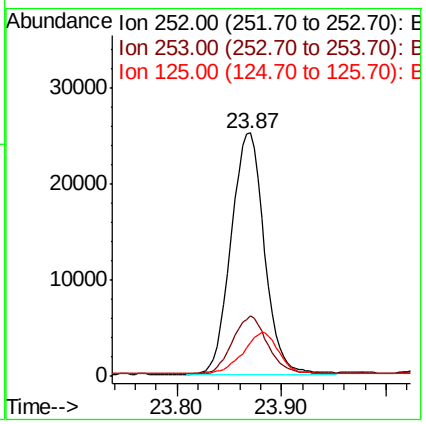


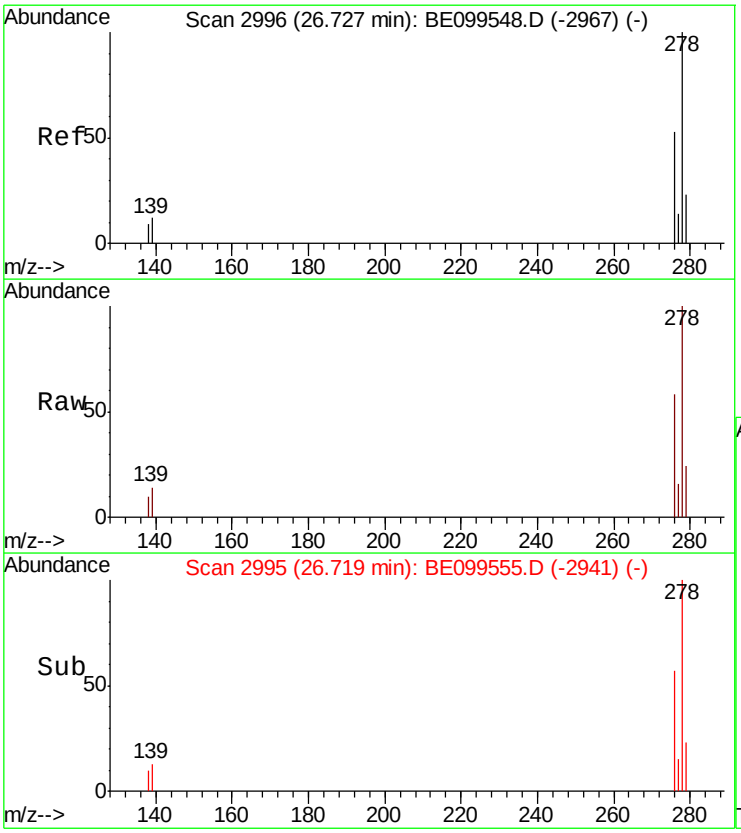
#37
Benzo(a)pyrene
Concen: 0.421 ng
RT: 23.87 min Scan# 2200
Delta R.T. 0.00 min
Lab File: BE099555.D
Acq: 6 May 2019 17:50

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:252 Resp: 55402

Ion	Ratio	Lower	Upper
252	100		
253	24.9	18.9	28.3
125	13.9	6.7	10.1#

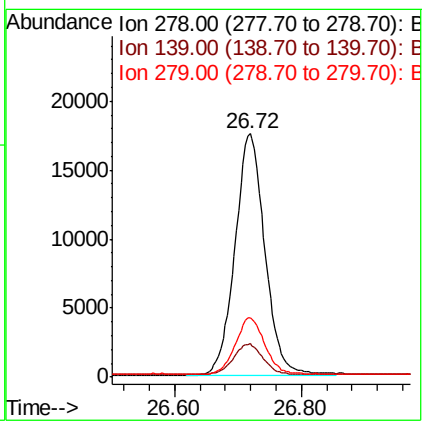


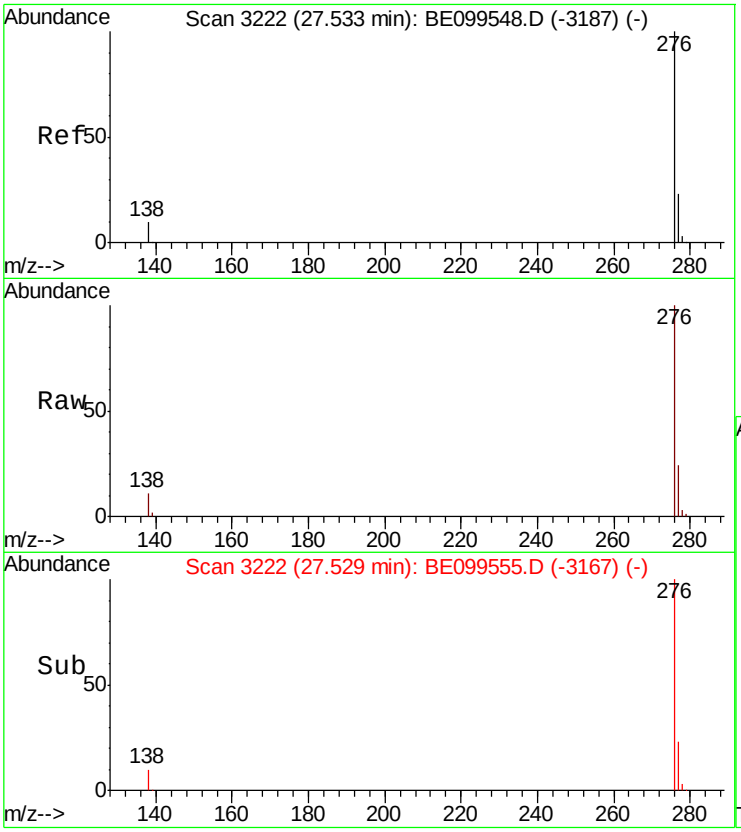


#38
Dibenzo(a,h)anthracene
Concen: 0.430 ng
RT: 26.72 min Scan# 2995
Delta R.T. -0.01 min
Lab File: BE099555.D
Acq: 6 May 2019 17:50

Tgt Ion:278 Resp: 57863

Ion	Ratio	Lower	Upper
278	100		
139	13.7	7.7	11.5#
279	24.3	20.2	30.2





#39
Benzo(g,h,i)perylene
Concen: 0.427 ng
RT: 27.53 min Scan# 3222
Delta R.T. -0.00 min
Lab File: BE099555.D
Acq: 6 May 2019 17:50

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:276 Resp: 57565

Ion	Ratio	Lower	Upper
276	100		
277	24.0	19.5	29.3
138	10.5	9.6	14.4