Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE052919\
Data File : BE099782.D
Acq On : 29 May 2019 18:38
Operator : JU/SJ
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDCCC0.4EC

Quant Time: May 30 01:30:28 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE052019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 20 19:29:40 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	1846	0.40	ng		-0.01
7) Naphthalene-d8	10.60	136	6739	0.40	ng		-0.01
13) Acenaphthene-d10	14.47	164	4824	0.40	ng		-0.01
19) Phenanthrene-d10	17.21	188	14613	0.40	ng		-0.01
27) Chrysene-d12	21.40	240	19567	0.40	ng		-0.01
34) Perylene-d12	23.94	264	22604	0.40	ng		-0.02
System Monitoring Compounds							
4) 2-Fluorophenol	5.37	112	1823	0.39	ng		0.00
5) Phenol-d6	6.96	99	2343	0.38	ng		-0.01
8) Nitrobenzene-d5	8.97	82	2175	0.37	ng		-0.01
11) 2-Methylnaphthalene-d10	12.21	152	4184	0.36	ng		-0.01
14) 2,4,6-Tribromophenol	15.97	330	1014	0.41	ng		-0.01
15) 2-Fluorobiphenyl	13.10	172	6342	0.35	ng		0.00
25) Fluoranthene-d10	19.25	212	67175	0.34	ng		-0.01
29) Terphenyl-d14	19.85	244	13356	0.38	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.29	88	883	0.323	ng	#	84
3) n-Nitrosodimethylamine	3.62	42	590	0.391	ng	#	99
6) bis(2-Chloroethyl)ether	7.23	93	2012	0.366	ng		99
9) Naphthalene	10.65	128	25664	0.356	ng		100
10) Hexachlorobutadiene	10.93	225	1927	0.363	ng		96
12) 2-Methylnaphthalene	12.28	142	4176	0.355	ng		98
16) Acenaphthylene	14.20	152	8325	0.370	ng		99
17) Acenaphthene	14.54	154	4643	0.368	ng		99
18) Fluorene	15.51	166	6651	0.358	ng		100
20) 4-Bromophenyl-phenylether	16.41	248	2936	0.348	ng		93
21) Hexachlorobenzene	16.52	284	3020	0.350	ng		99
22) Pentachlorophenol	16.89	266	794	0.477	ng		95
23) Phenanthrene	17.27	178	12680	0.355	ng		99
24) Anthracene	17.36	178	11287	0.349	ng		100
26) Fluoranthene	19.29	202	19084	0.338	ng		99
28) Pyrene	19.65	202	19895	0.405	ng		99
30) Benzo(a)anthracene	21.39	228	21694	0.390	ng		99
31) Chrysene	21.44	228	23329	0.392	ng		99
32) Bis(2-ethylhexyl)phthalate	21.31	149	31417	0.490	ng		99
33) Indeno(1,2,3-cd)pyrene	26.63	276	27198	0.379	ng		99
35) Benzo(b)fluoranthene	23.21	252	22175	0.358	ng		100
36) Benzo(k)fluoranthene	23.21	252	22171	0.343	ng		99
37) Benzo(a)pyrene	23.83	252	21581	0.362	ng	#	98
38) Dibenzo(a,h)anthracene	26.66	278	21834	0.349	ng		97
39) Benzo(g,h,i)perylene	27.46	276	22457	0.355	ng		99

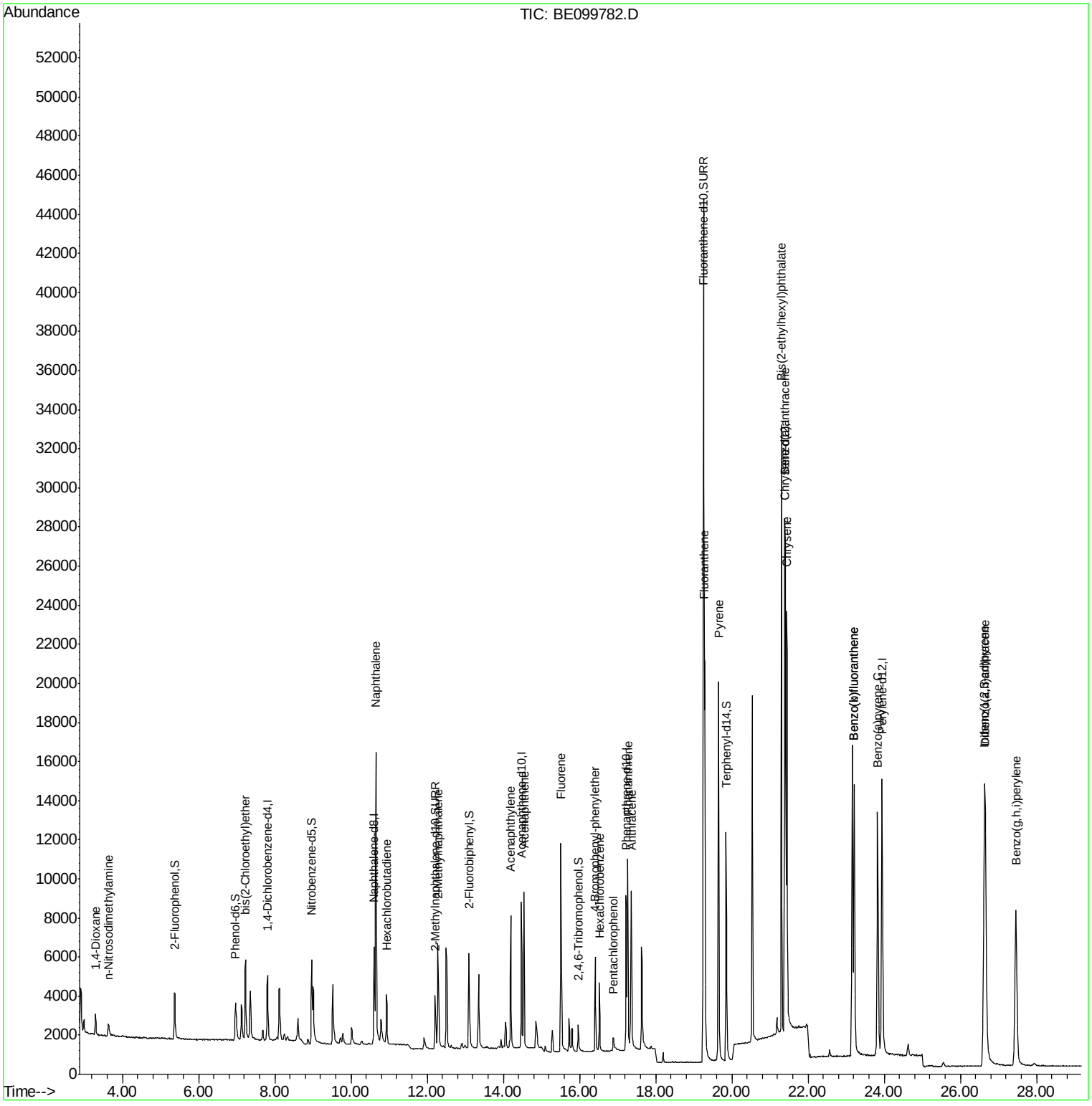
(#) = qualifier out of range (m) = manual integration (+) = signals summed

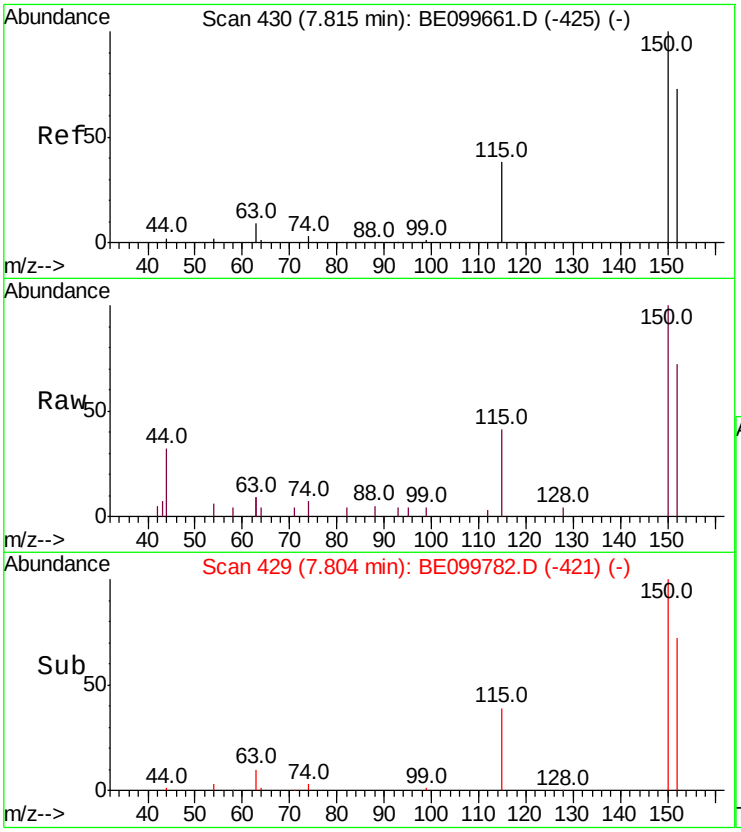
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE052919\
Data File : BE099782.D
Acq On : 29 May 2019 18:38
Operator : JU/SJ
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Quant Time: May 30 01:30:28 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE052019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 20 19:29:40 2019
Response via : Initial Calibration



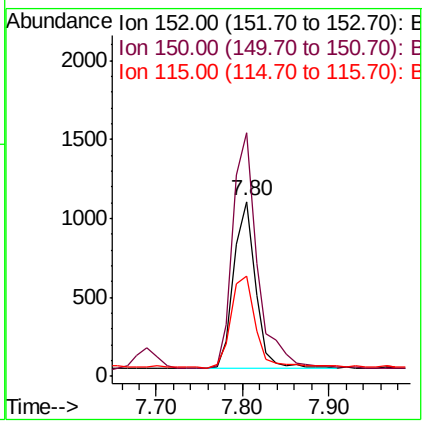


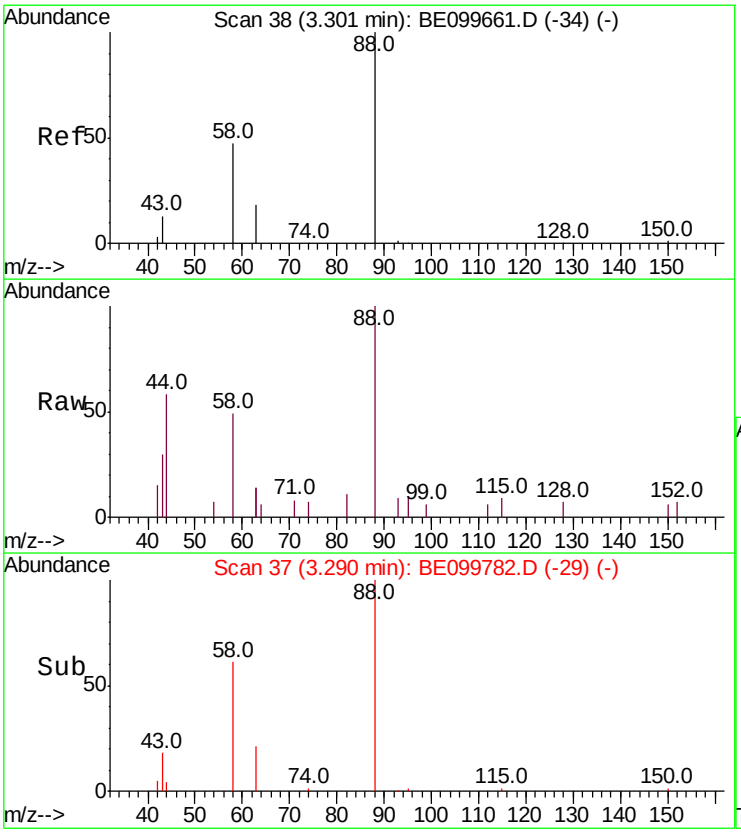
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.80 min Scan# 429
Delta R.T. -0.01 min
Lab File: BE099782.D
Acq: 29 May 2019 18:38

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:152 Resp: 1846

Ion	Ratio	Lower	Upper
152	100		
150	139.0	109.2	163.8
115	57.4	43.7	65.5

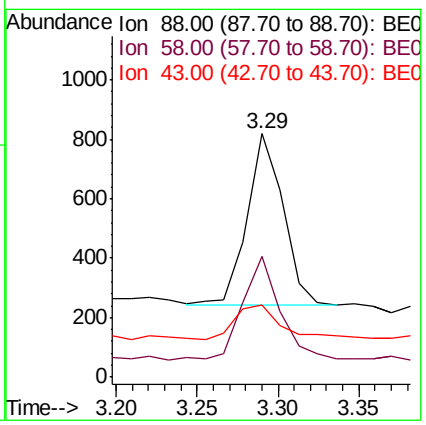


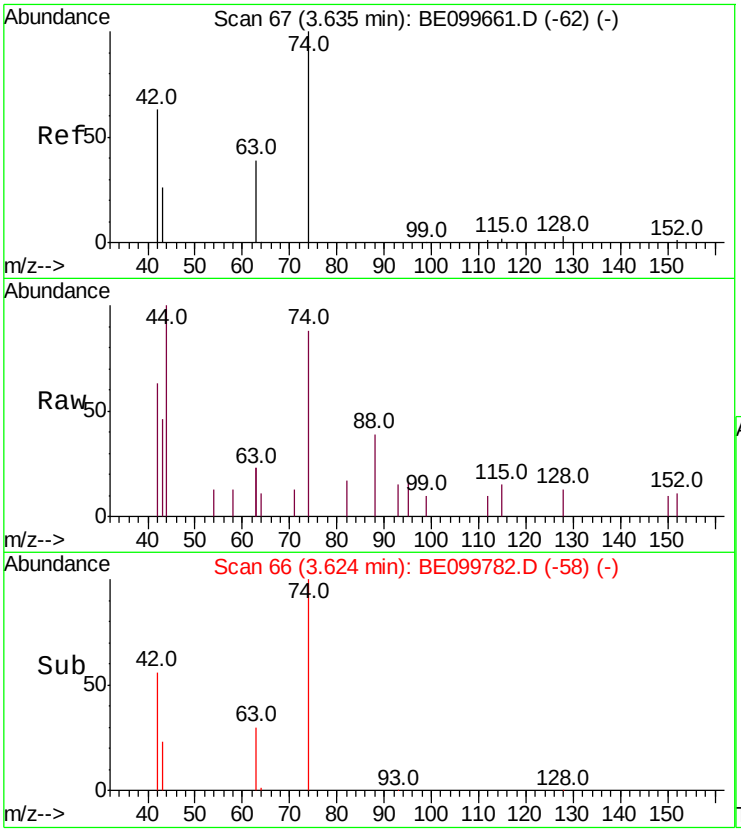


#2
1,4-Dioxane
Concen: 0.323 ng
RT: 3.29 min Scan# 37
Delta R.T. -0.01 min
Lab File: BE099782.D
Acq: 29 May 2019 18:38

Tgt Ion: 88 Resp: 883

Ion	Ratio	Lower	Upper
88	100		
58	62.6	41.8	62.8
43	27.3	15.0	22.4#



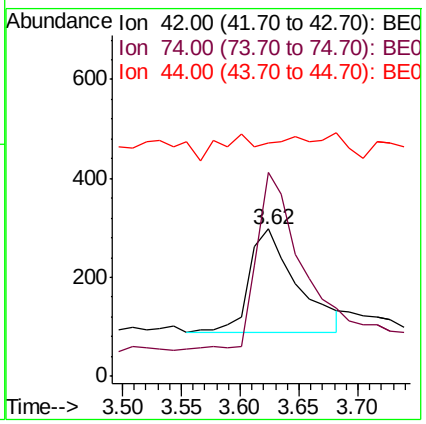


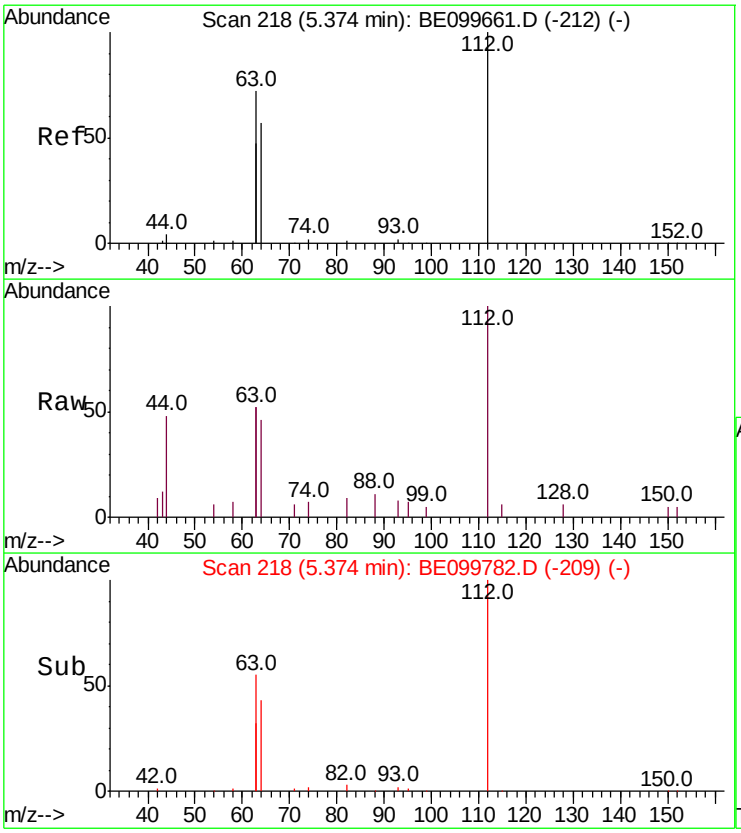
#3
n-Nitrosodimethylamine
Concen: 0.391 ng
RT: 3.62 min Scan# 66
Delta R.T. -0.01 min
Lab File: BE099782.D
Acq: 29 May 2019 18:38

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion: 42 Resp: 590

Ion	Ratio	Lower	Upper
42	100		
74	160.7	129.2	193.8
44	0.0	0.0	0.0

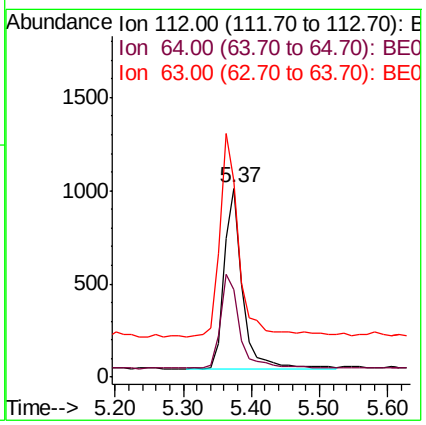


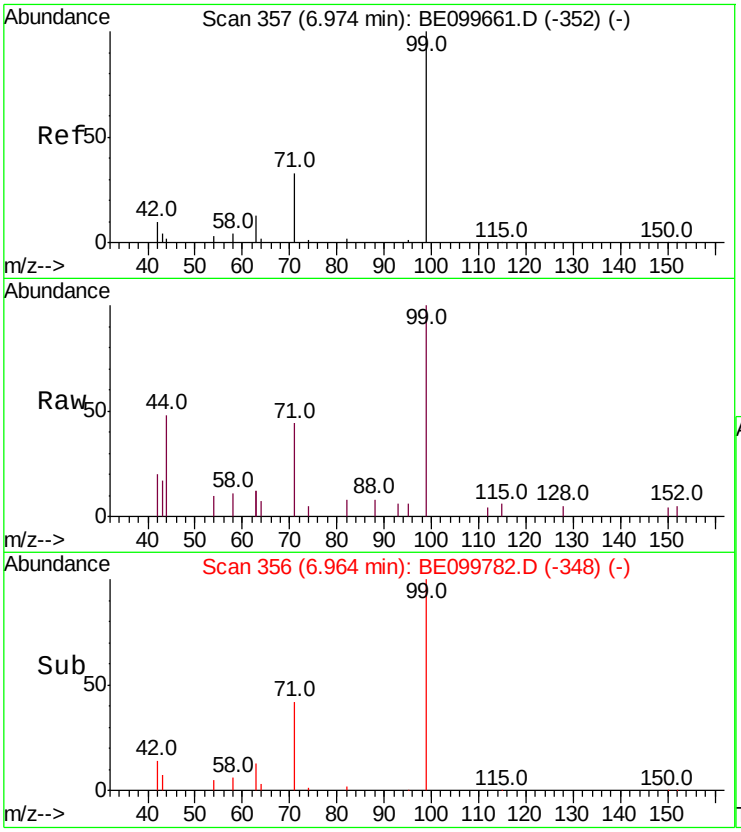


#4
2-Fluorophenol
Concen: 0.391 ng
RT: 5.37 min Scan# 218
Delta R.T. 0.00 min
Lab File: BE099782.D
Acq: 29 May 2019 18:38

Tgt Ion:112 Resp: 1823

Ion	Ratio	Lower	Upper
112	100		
64	54.0	43.4	65.2
63	117.9	96.9	145.3



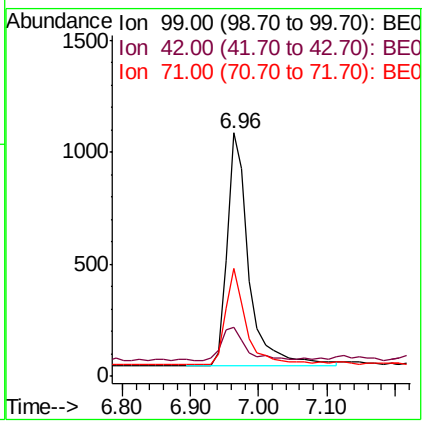


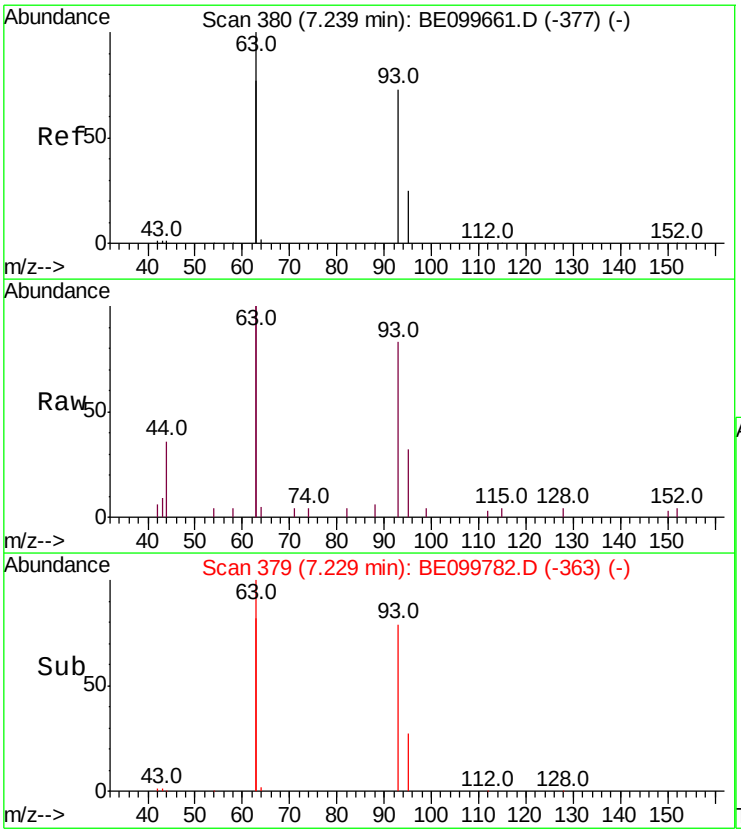
#5
Phenol-d6
Concen: 0.379 ng
RT: 6.96 min Scan# 356
Delta R.T. -0.01 min
Lab File: BE099782.D
Acq: 29 May 2019 18:38

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion: 99 Resp: 2343

Ion	Ratio	Lower	Upper
99	100		
42	15.6	12.2	18.2
71	39.9	28.9	43.3

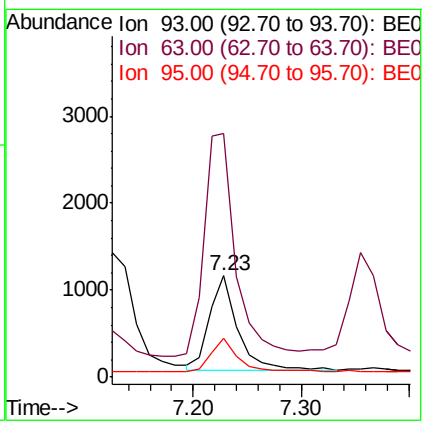


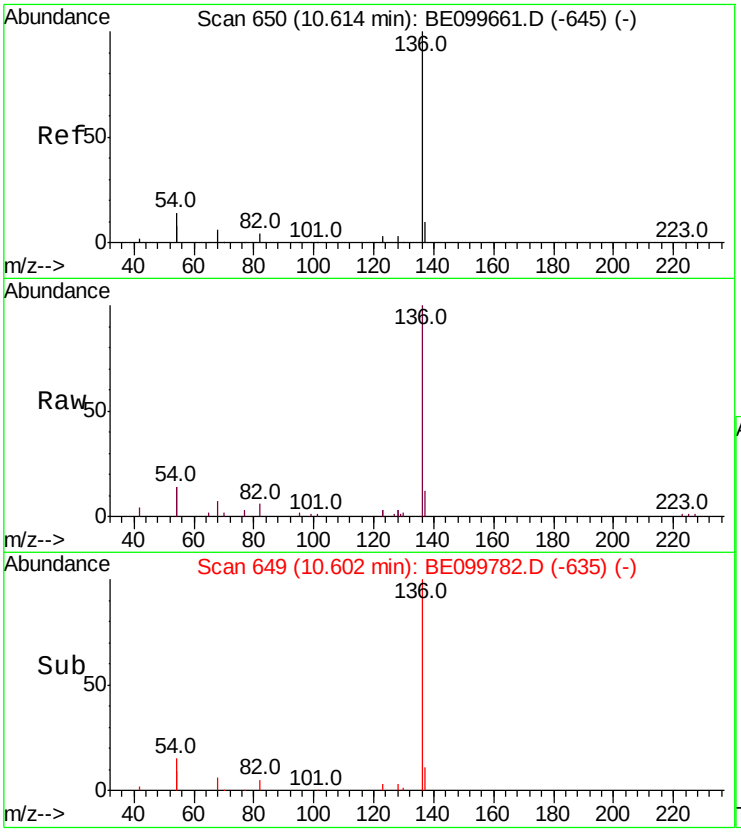


#6
bis(2-Chloroethyl)ether
Concen: 0.366 ng
RT: 7.23 min Scan# 379
Delta R.T. -0.01 min
Lab File: BE099782.D
Acq: 29 May 2019 18:38

Tgt Ion: 93 Resp: 2012

Ion	Ratio	Lower	Upper
93	100		
63	261.1	207.8	311.6
95	32.7	25.9	38.9



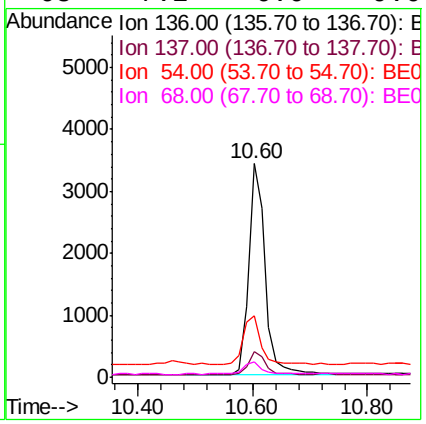


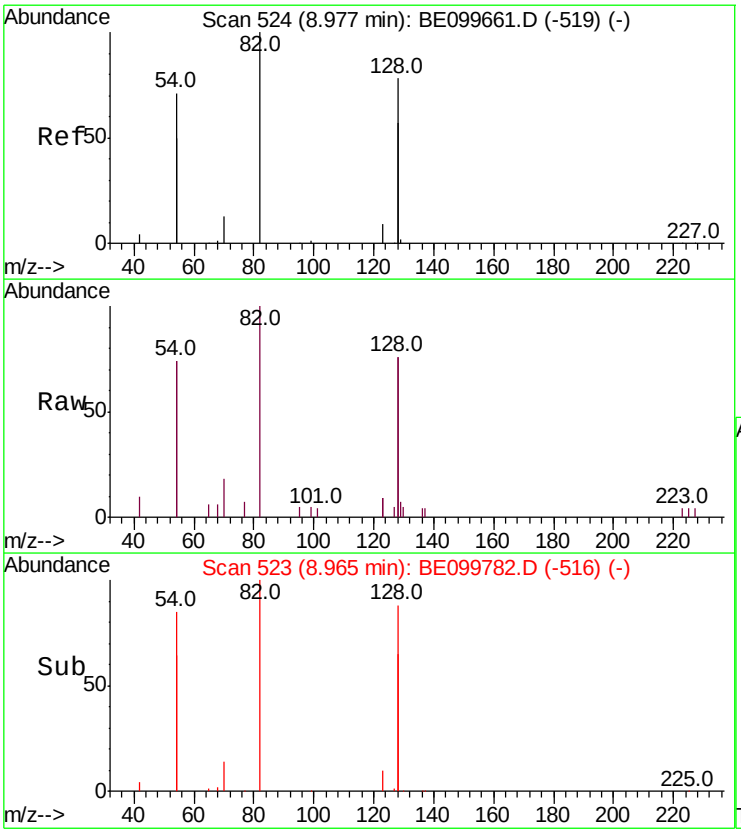
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.60 min Scan# 649
Delta R.T. -0.01 min
Lab File: BE099782.D
Acq: 29 May 2019 18:38

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:136 Resp: 6739

Ion	Ratio	Lower	Upper
136	100		
137	11.8	9.0	13.6
54	28.8	22.3	33.5
68	7.2	6.0	9.0

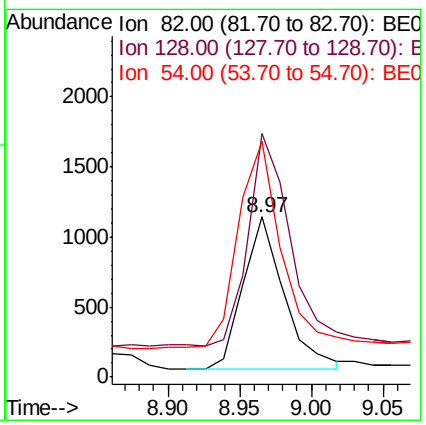


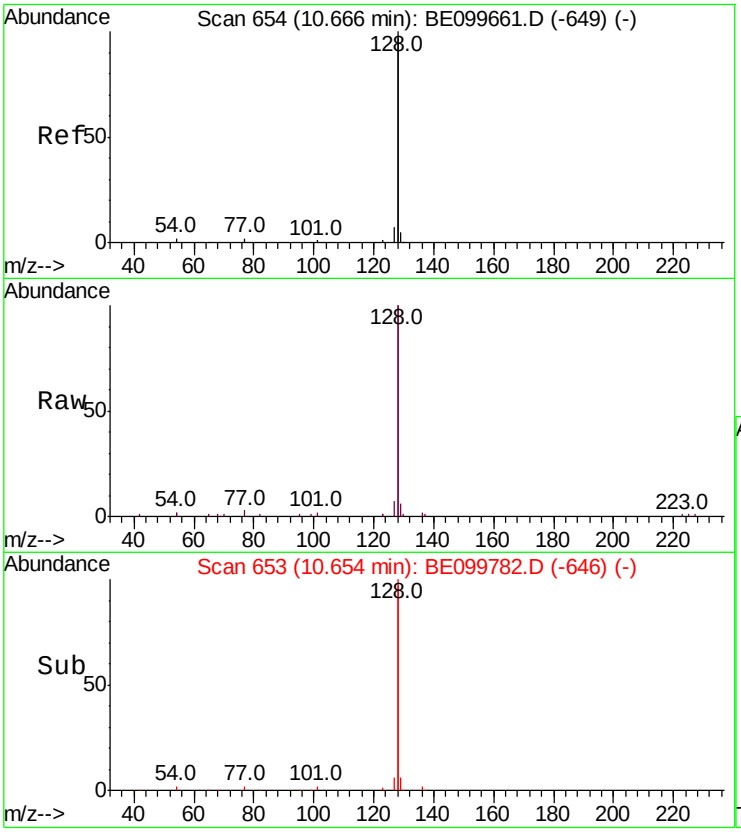


#8
Nitrobenzene-d5
Concen: 0.373 ng
RT: 8.97 min Scan# 523
Delta R.T. -0.01 min
Lab File: BE099782.D
Acq: 29 May 2019 18:38

Tgt Ion: 82 Resp: 2175

Ion	Ratio	Lower	Upper
82	100		
128	152.1	117.7	176.5
54	147.2	106.6	160.0



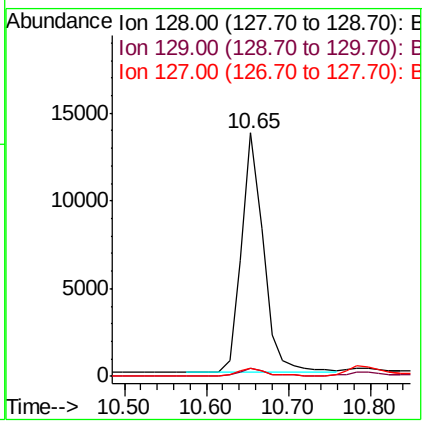


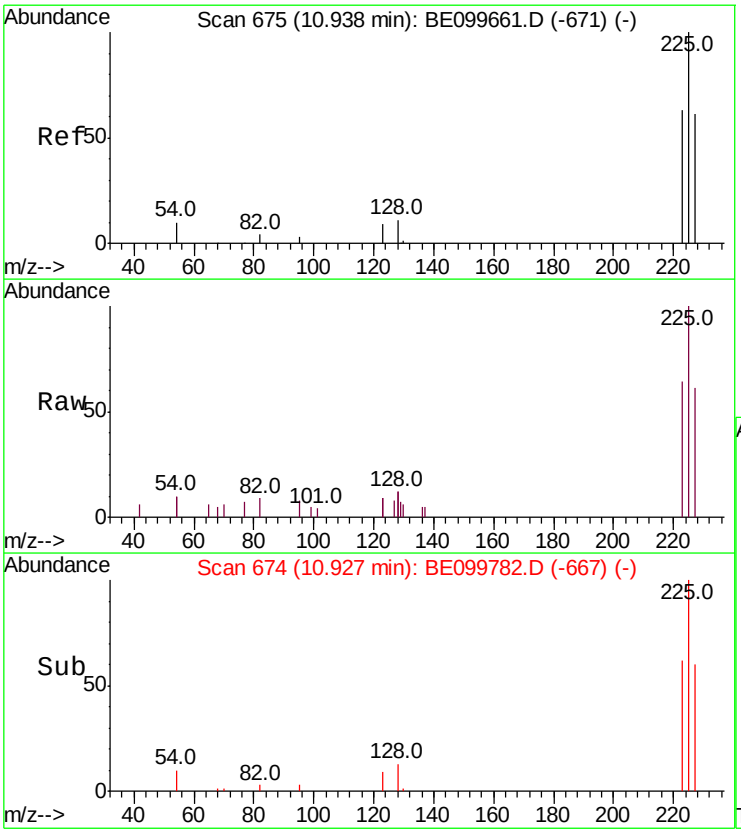
#9
Naphthalene
Concen: 0.356 ng
RT: 10.65 min Scan# 653
Delta R.T. -0.01 min
Lab File: BE099782.D
Acq: 29 May 2019 18:38

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:128 Resp: 25664

Ion	Ratio	Lower	Upper
128	100		
129	3.2	2.4	3.6
127	3.6	2.9	4.3

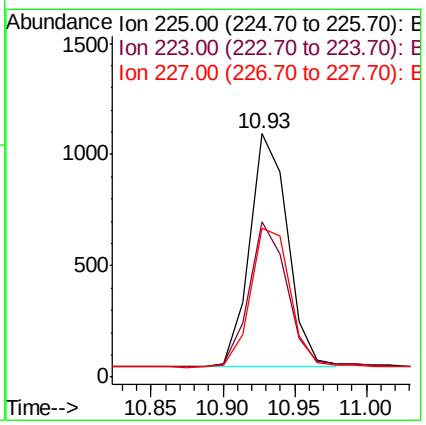


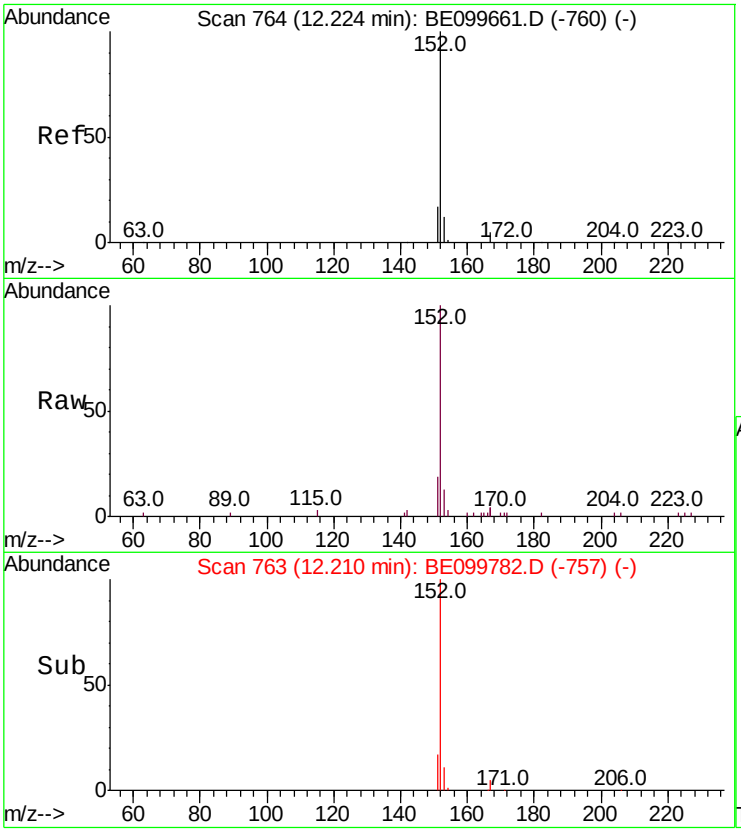


#10
Hexachlorobutadiene
Concen: 0.363 ng
RT: 10.93 min Scan# 674
Delta R.T. -0.01 min
Lab File: BE099782.D
Acq: 29 May 2019 18:38

Tgt Ion:225 Resp: 1927

Ion	Ratio	Lower	Upper
225	100		
223	61.3	51.8	77.6
227	62.8	52.6	79.0



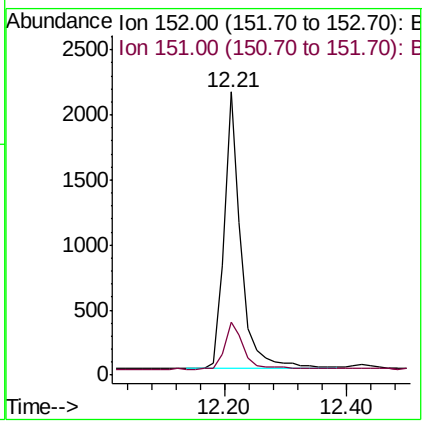


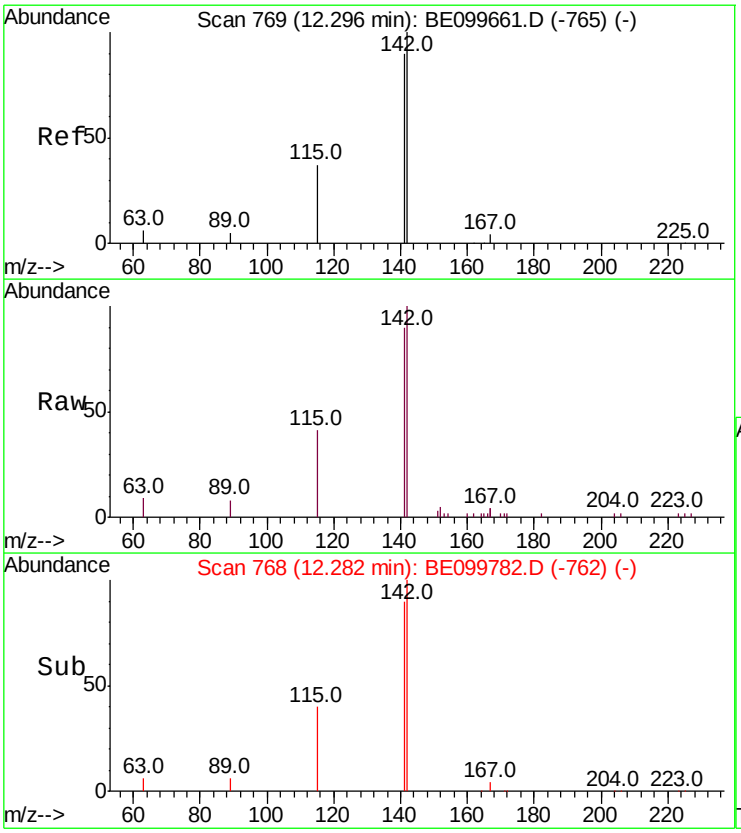
#11
2-Methylnaphthalene-d10
Concen: 0.360 ng
RT: 12.21 min Scan# 763
Delta R.T. -0.01 min
Lab File: BE099782.D
Acq: 29 May 2019 18:38

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:152 Resp: 4184

Ion	Ratio	Lower	Upper
152	100		
151	19.0	15.0	22.4

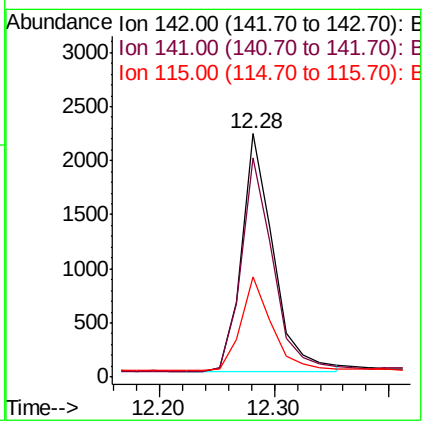


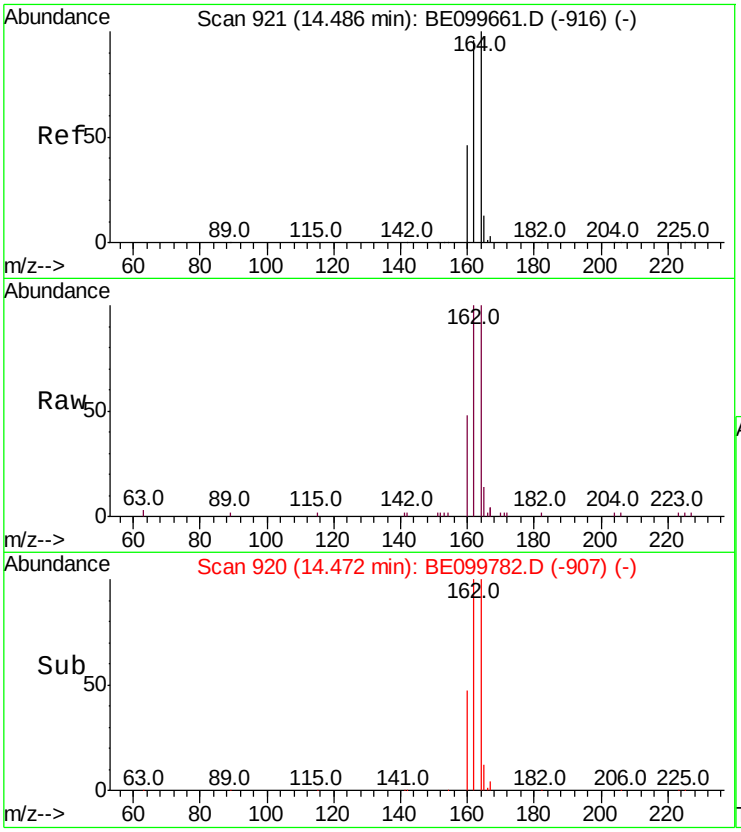


#12
2-Methylnaphthalene
Concen: 0.355 ng
RT: 12.28 min Scan# 768
Delta R.T. -0.01 min
Lab File: BE099782.D
Acq: 29 May 2019 18:38

Tgt Ion:142 Resp: 4176

Ion	Ratio	Lower	Upper
142	100		
141	90.2	72.0	108.0
115	41.4	31.0	46.4



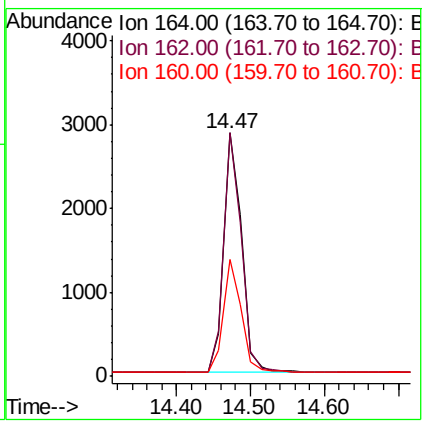


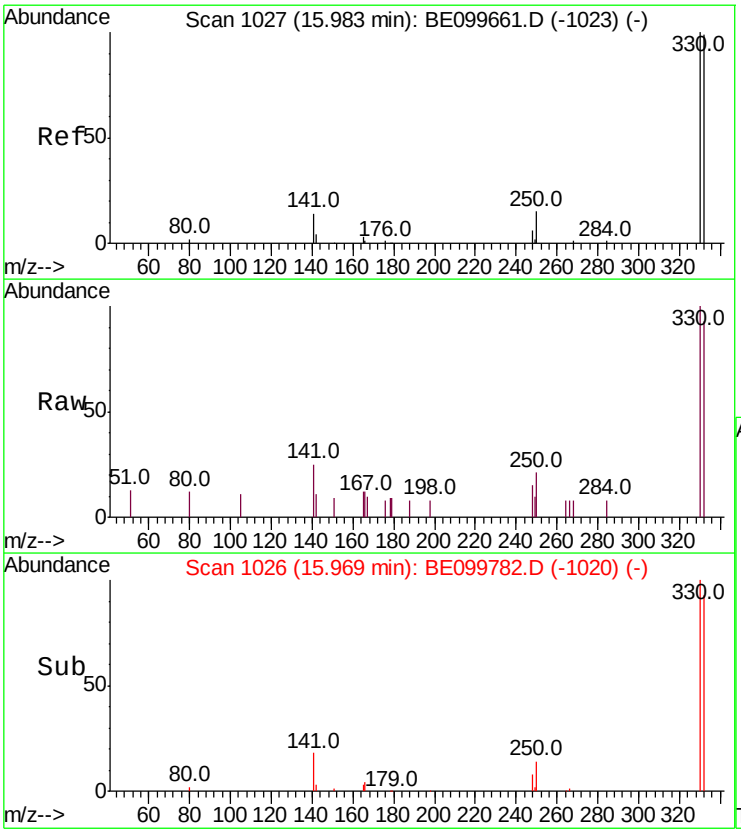
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.47 min Scan# 920
Delta R.T. -0.01 min
Lab File: BE099782.D
Acq: 29 May 2019 18:38

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:164 Resp: 4824

Ion	Ratio	Lower	Upper
164	100		
162	100.0	76.5	114.7
160	47.9	37.4	56.2

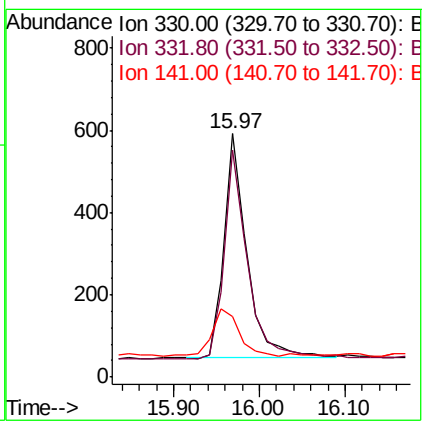


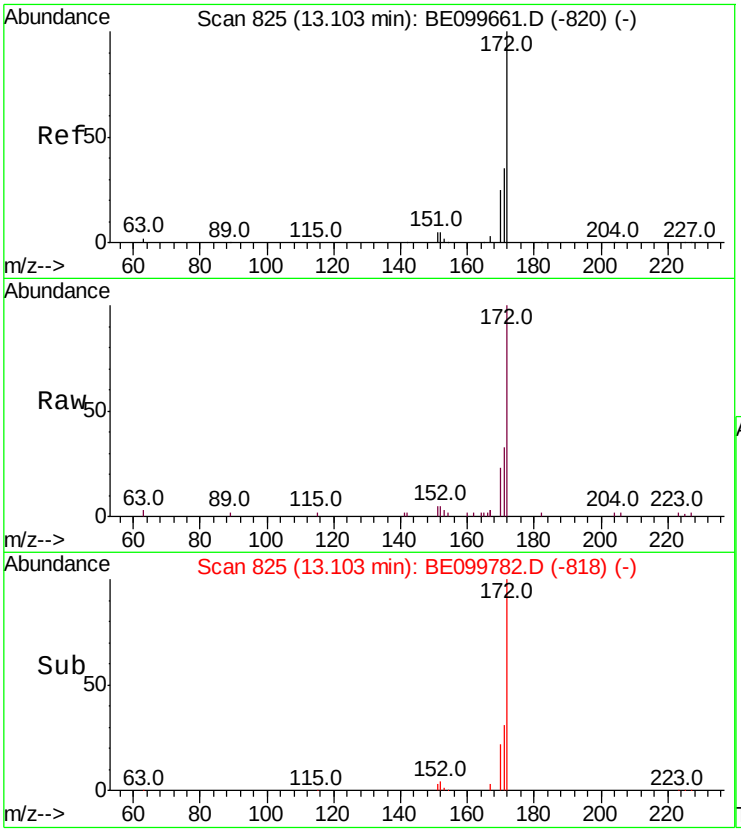


#14
2,4,6-Tribromophenol
Concen: 0.407 ng
RT: 15.97 min Scan# 1026
Delta R.T. -0.01 min
Lab File: BE099782.D
Acq: 29 May 2019 18:38

Tgt Ion:330 Resp: 1014

Ion	Ratio	Lower	Upper
330	100		
332	97.8	77.3	115.9
141	25.2	18.9	28.3



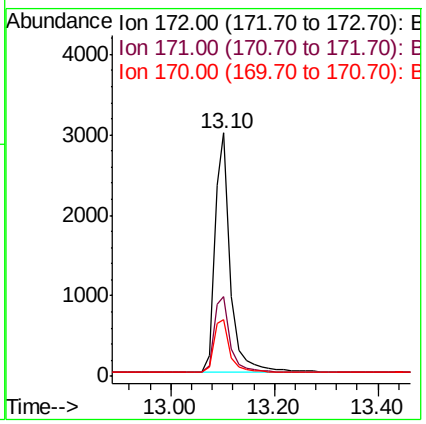


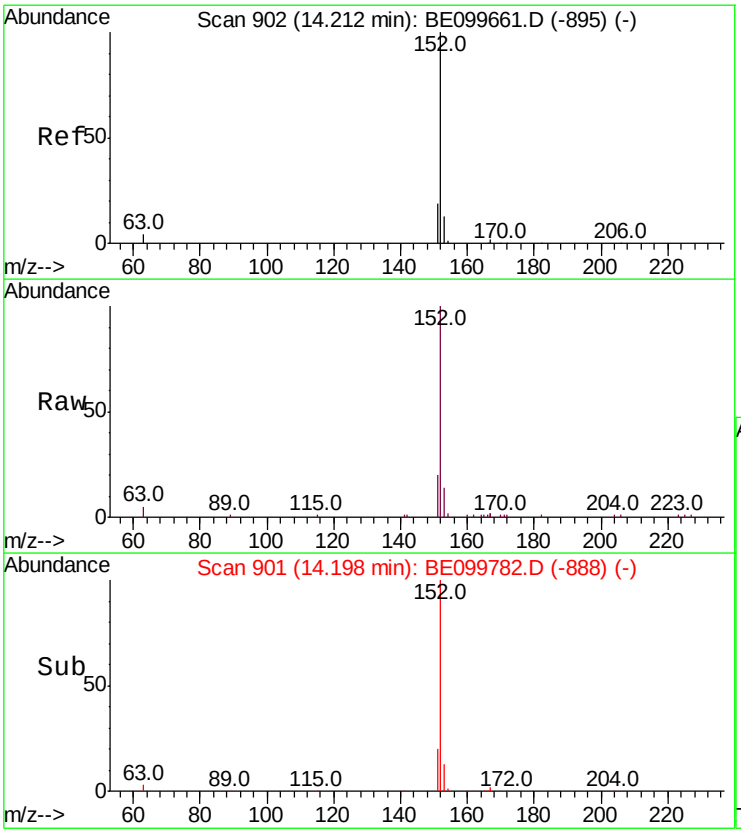
#15
2-Fluorobiphenyl
Concen: 0.346 ng
RT: 13.10 min Scan# 825
Delta R.T. 0.00 min
Lab File: BE099782.D
Acq: 29 May 2019 18:38

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:172 Resp: 6342

Ion	Ratio	Lower	Upper
172	100		
171	32.6	28.7	43.1
170	23.4	20.9	31.3

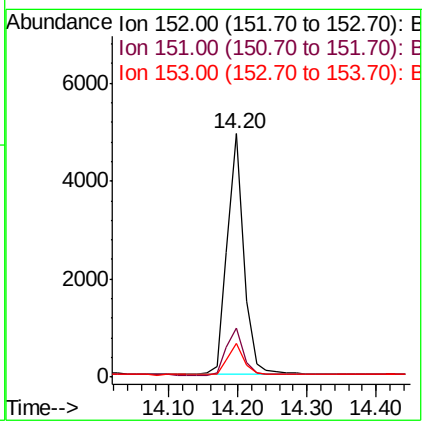


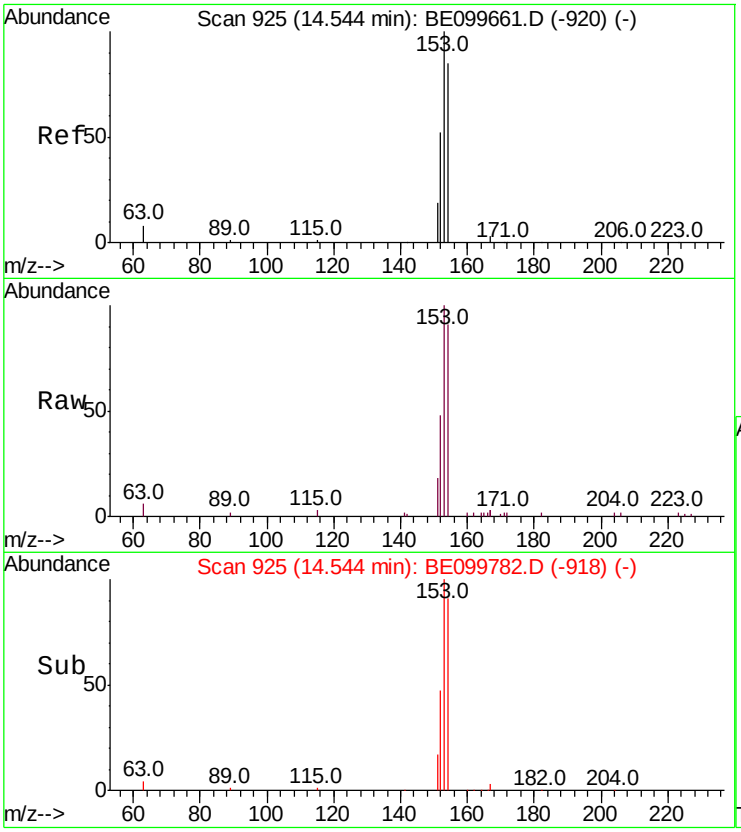


#16
Acenaphthylene
Concen: 0.370 ng
RT: 14.20 min Scan# 901
Delta R.T. -0.01 min
Lab File: BE099782.D
Acq: 29 May 2019 18:38

Tgt Ion:152 Resp: 8325

Ion	Ratio	Lower	Upper
152	100		
151	19.7	15.9	23.9
153	12.7	10.6	16.0



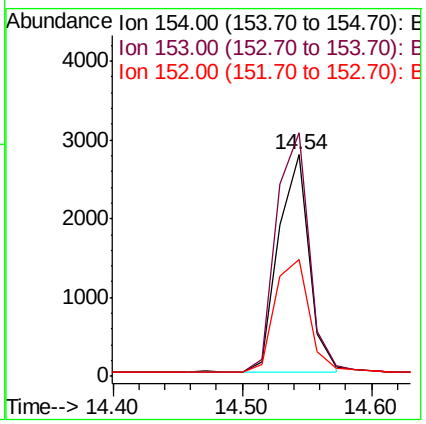


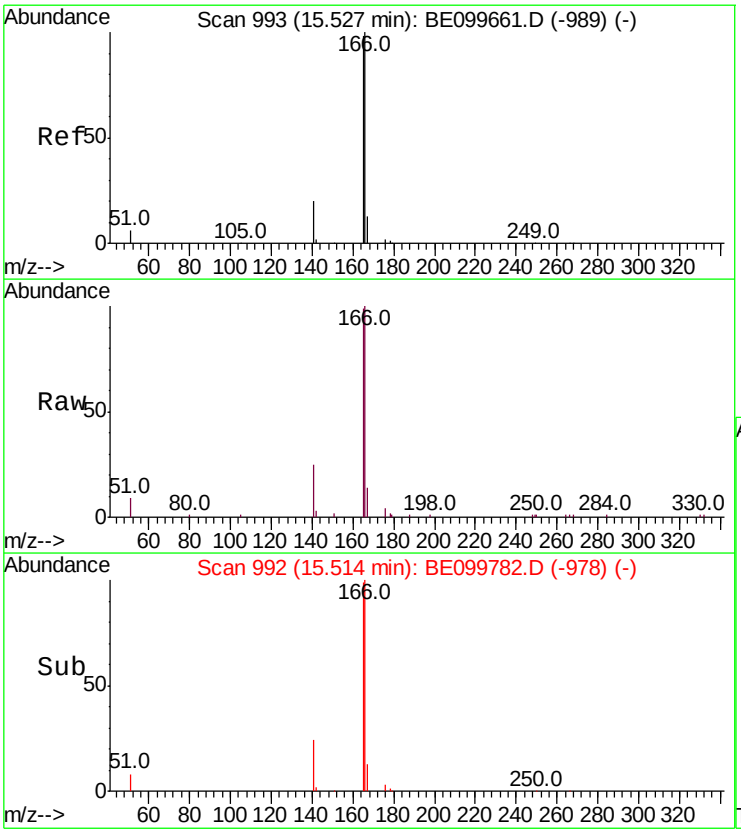
#17
Acenaphthene
Concen: 0.368 ng
RT: 14.54 min Scan# 925
Delta R.T. 0.00 min
Lab File: BE099782.D
Acq: 29 May 2019 18:38

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:154 Resp: 4643

Ion	Ratio	Lower	Upper
154	100		
153	115.4	91.8	137.6
152	56.5	46.0	69.0

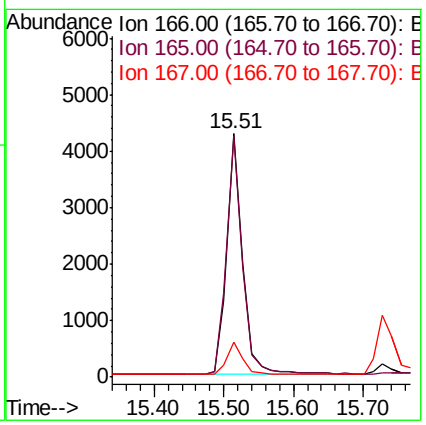


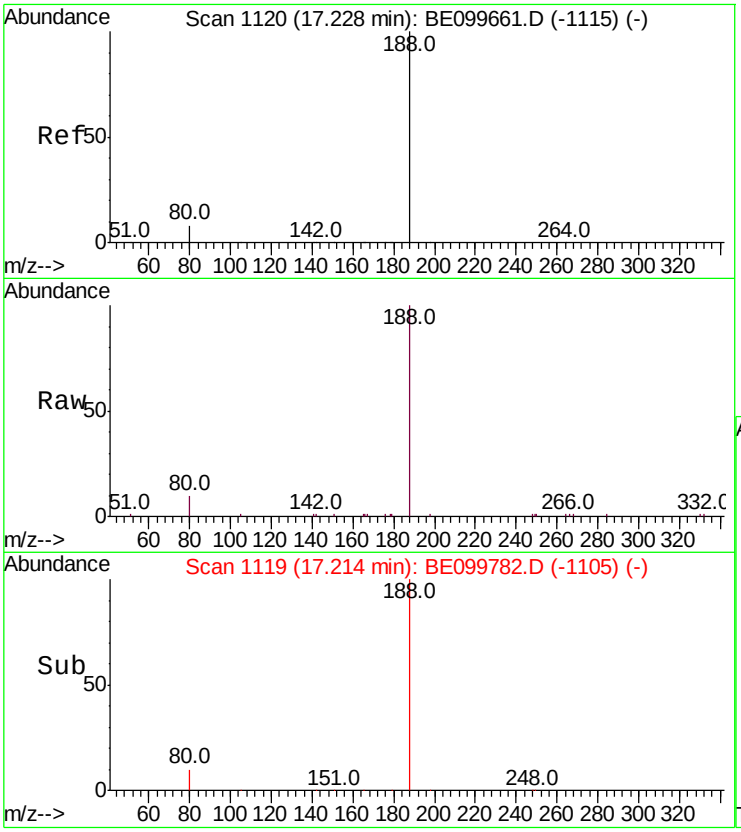


#18
Fluorene
Concen: 0.358 ng
RT: 15.51 min Scan# 992
Delta R.T. -0.01 min
Lab File: BE099782.D
Acq: 29 May 2019 18:38

Tgt Ion:166 Resp: 6651

Ion	Ratio	Lower	Upper
166	100		
165	100.6	80.3	120.5
167	13.7	10.6	16.0



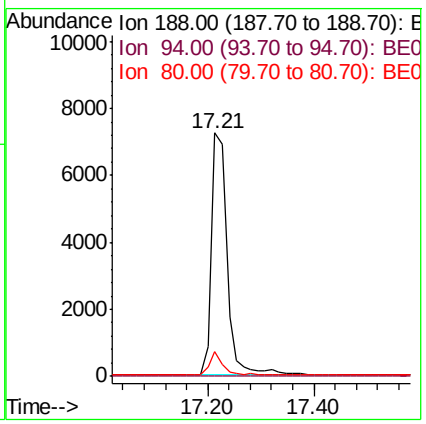


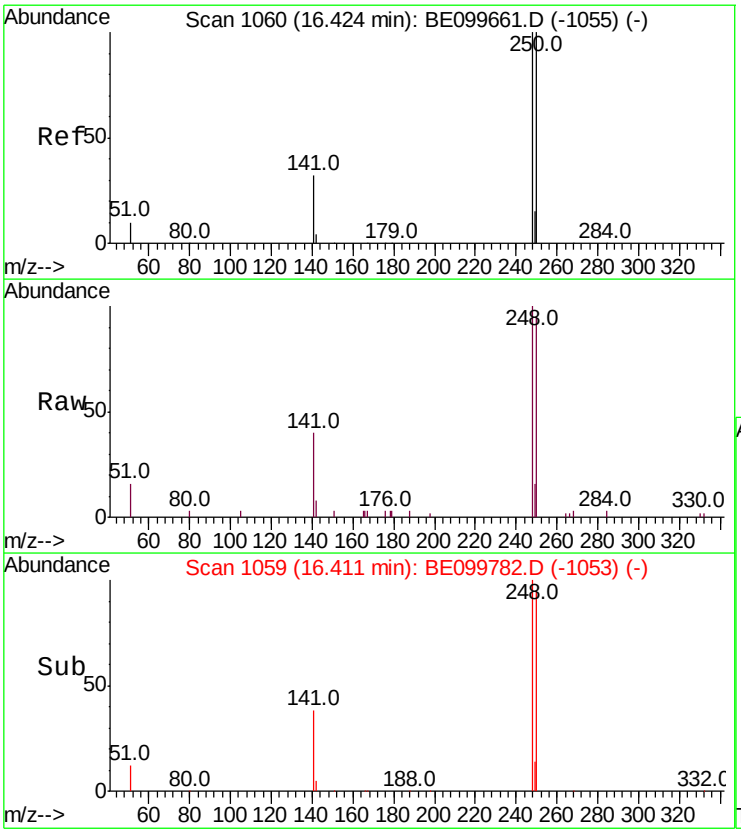
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.21 min Scan# 1119
Delta R.T. -0.01 min
Lab File: BE099782.D
Acq: 29 May 2019 18:38

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:188 Resp: 14613

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	10.4	6.7	10.1#

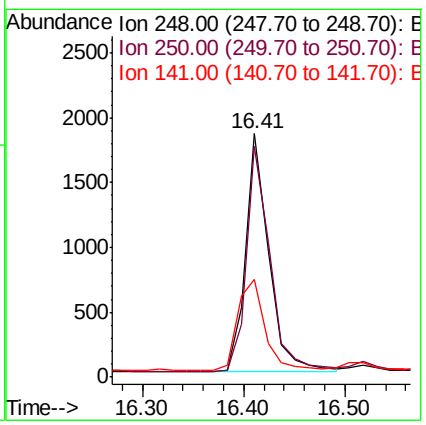


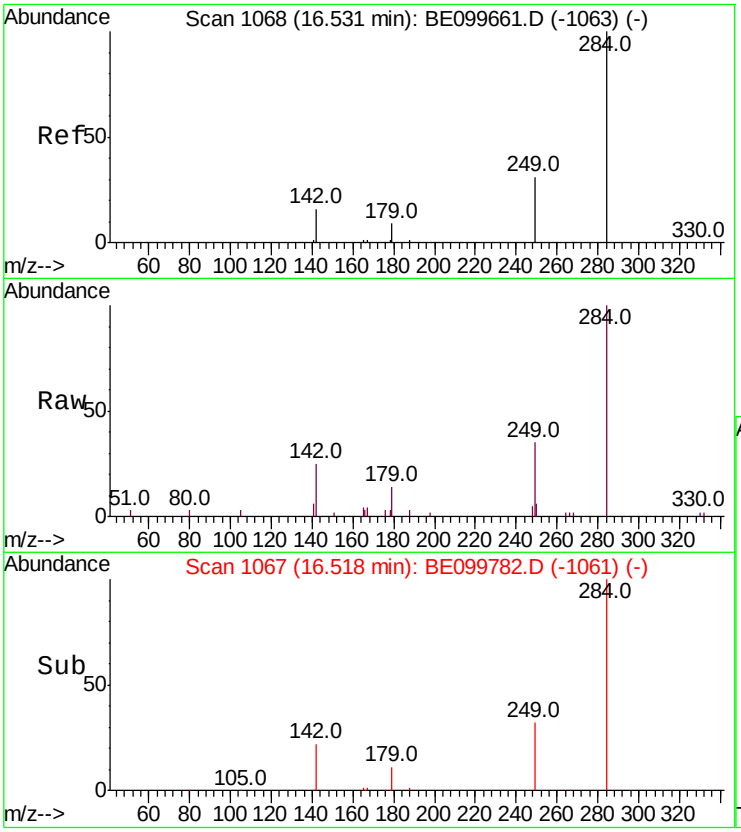


#20
4-Bromophenyl-phenylether
Concen: 0.348 ng
RT: 16.41 min Scan# 1059
Delta R.T. -0.01 min
Lab File: BE099782.D
Acq: 29 May 2019 18:38

Tgt Ion:248 Resp: 2936

Ion	Ratio	Lower	Upper
248	100		
250	94.8	79.8	119.8
141	40.4	27.0	40.6



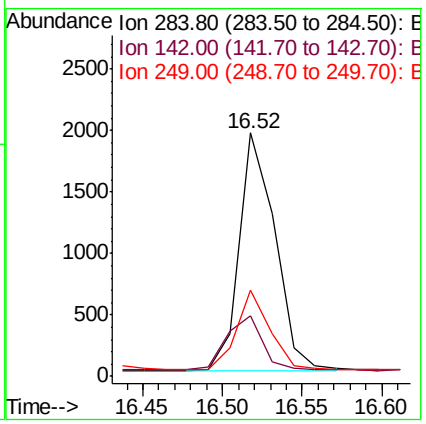


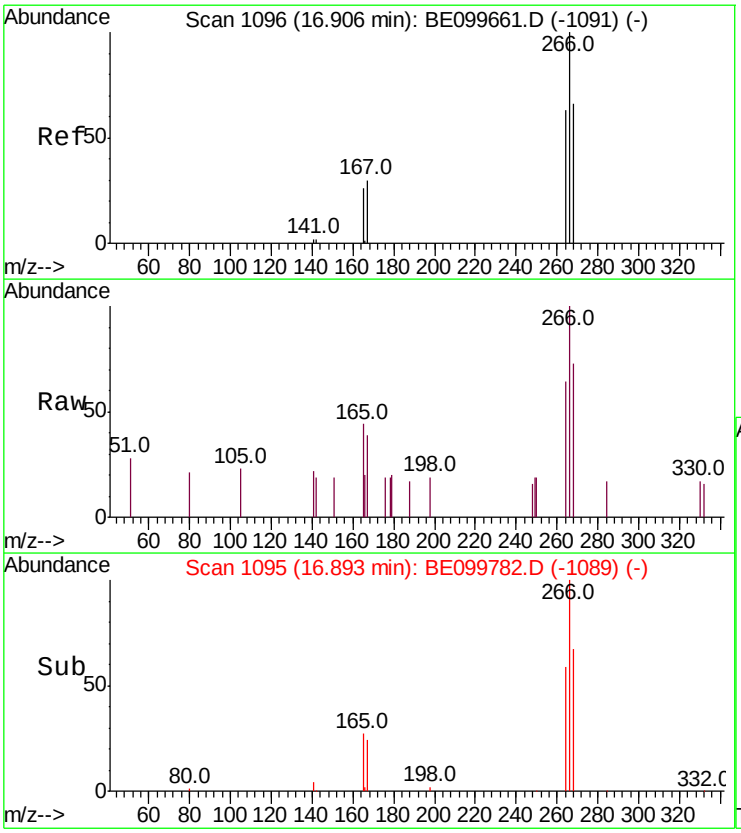
#21
Hexachlorobenzene
Concen: 0.350 ng
RT: 16.52 min Scan# 1067
Delta R.T. -0.01 min
Lab File: BE099782.D
Acq: 29 May 2019 18:38

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:284 Resp: 3020

Ion	Ratio	Lower	Upper
284	100		
142	22.7	17.8	26.6
249	31.3	24.8	37.2

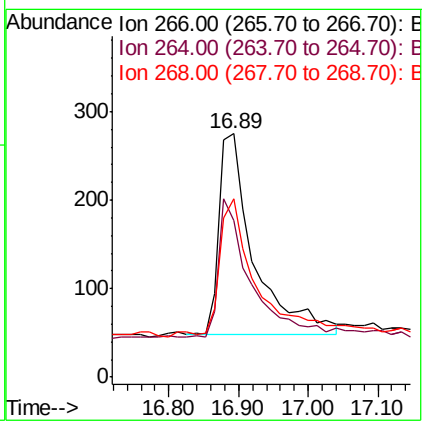


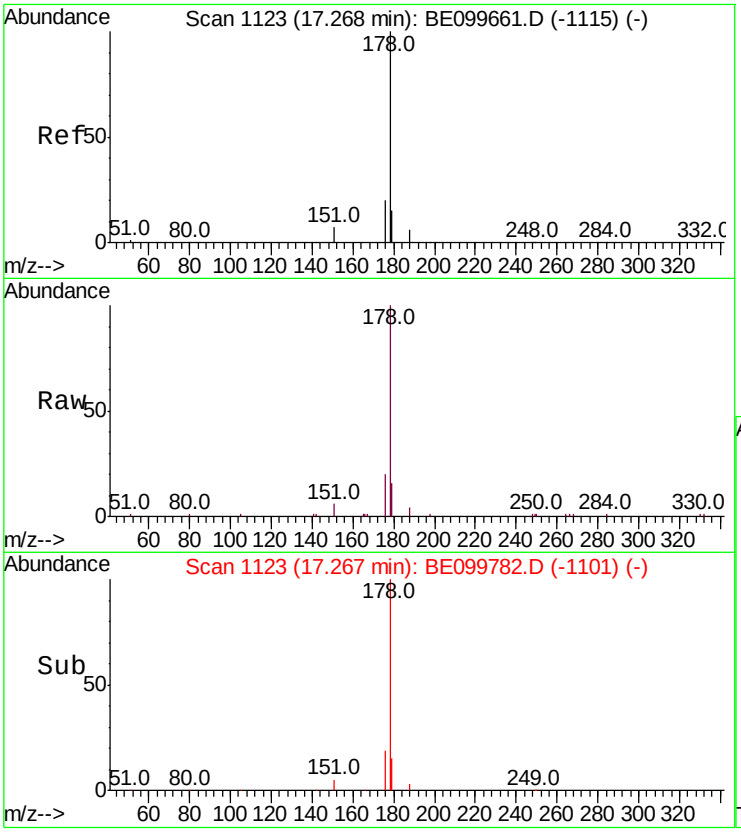


#22
Pentachlorophenol
Concen: 0.477 ng
RT: 16.89 min Scan# 1095
Delta R.T. -0.01 min
Lab File: BE099782.D
Acq: 29 May 2019 18:38

Tgt Ion:266 Resp: 794

Ion	Ratio	Lower	Upper
266	100		
264	64.4	57.2	85.8
268	73.5	60.5	90.7



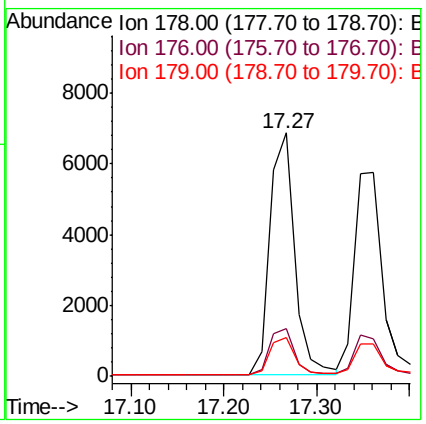


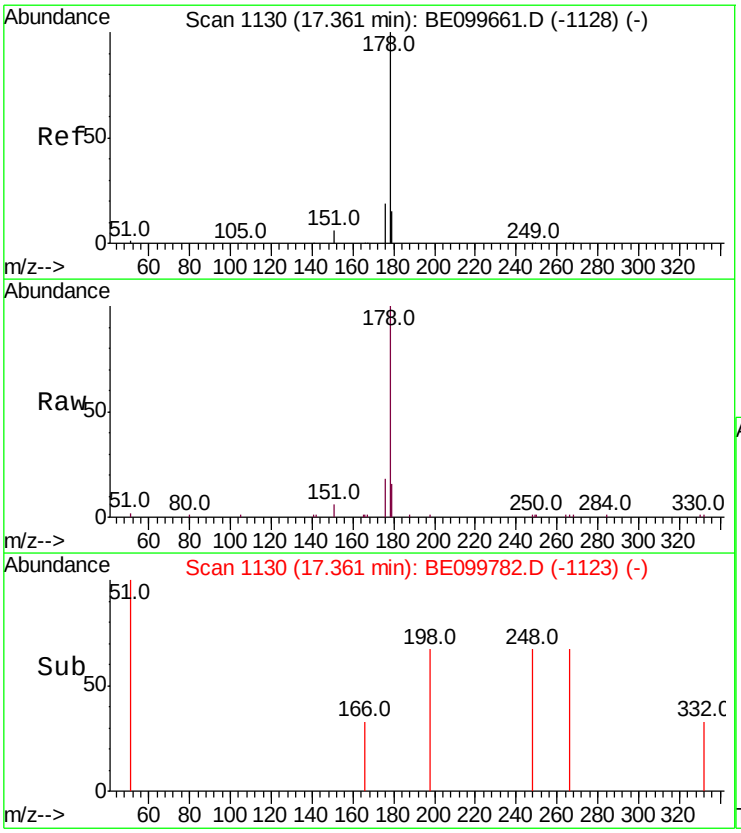
#23
Phenanthrene
Concen: 0.355 ng
RT: 17.27 min Scan# 1123
Delta R.T. -0.00 min
Lab File: BE099782.D
Acq: 29 May 2019 18:38

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:178 Resp: 12680

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.6	23.4
179	15.8	12.2	18.4

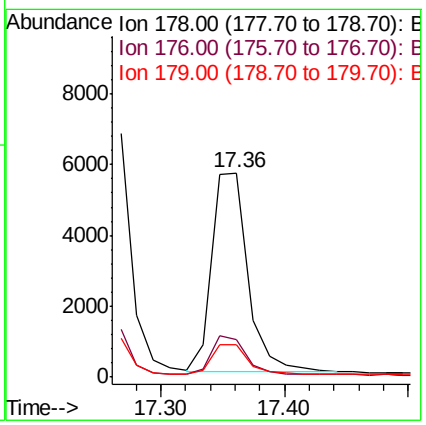


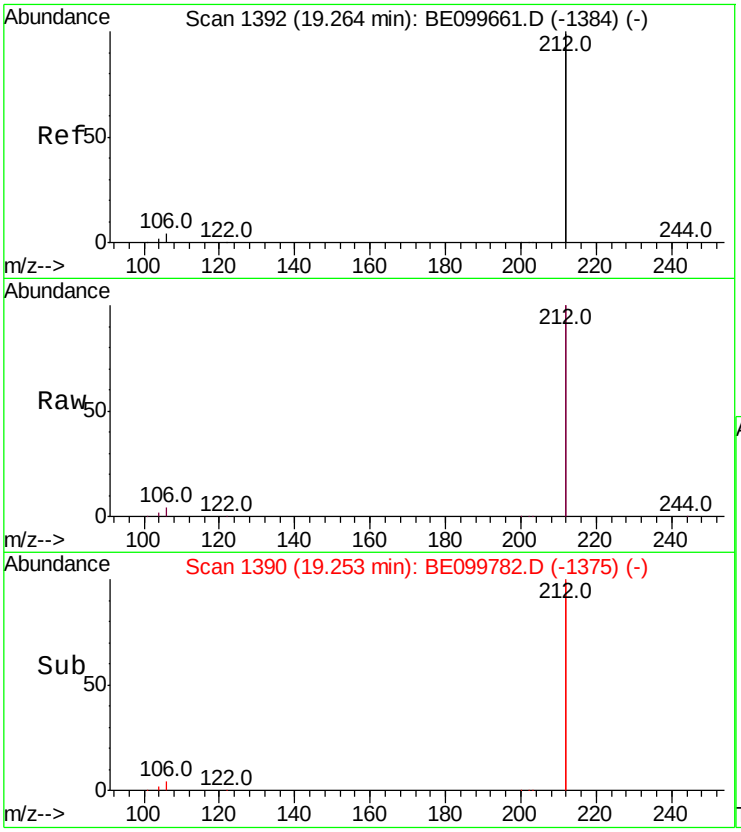


#24
Anthracene
Concen: 0.349 ng
RT: 17.36 min Scan# 1130
Delta R.T. -0.00 min
Lab File: BE099782.D
Acq: 29 May 2019 18:38

Tgt Ion:178 Resp: 11287

Ion	Ratio	Lower	Upper
178	100		
176	18.4	14.7	22.1
179	15.0	12.0	18.0



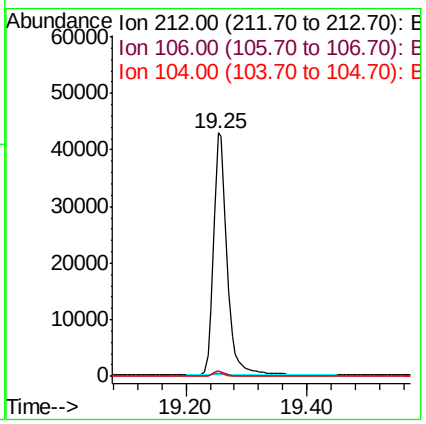


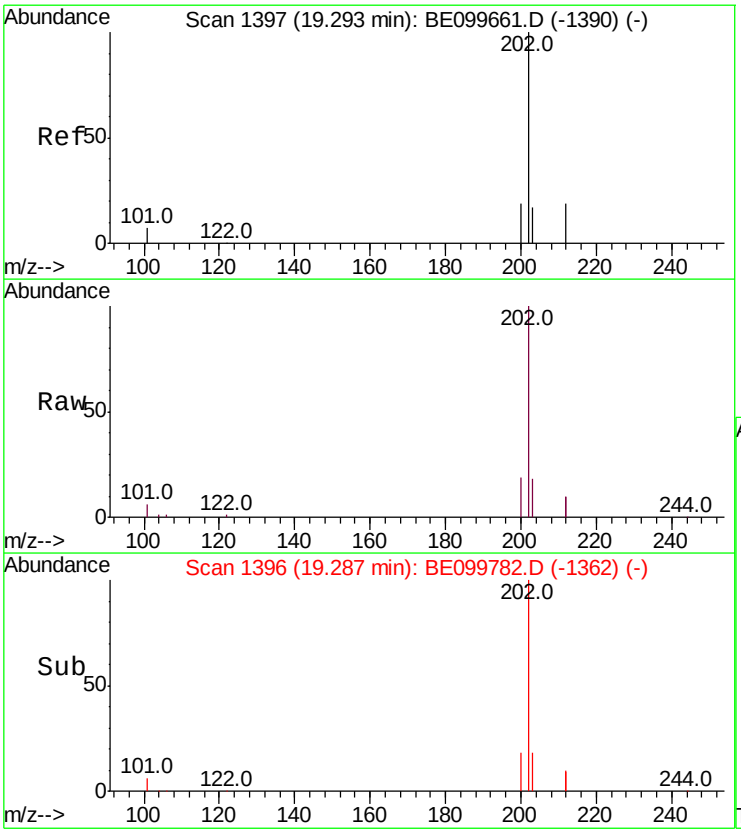
#25
Fluoranthene-d10
Concen: 0.336 ng
RT: 19.25 min Scan# 1390
Delta R.T. -0.01 min
Lab File: BE099782.D
Acq: 29 May 2019 18:38

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:212 Resp: 67175

Ion	Ratio	Lower	Upper
212	100		
106	1.8	1.4	2.2
104	1.1	0.8	1.2

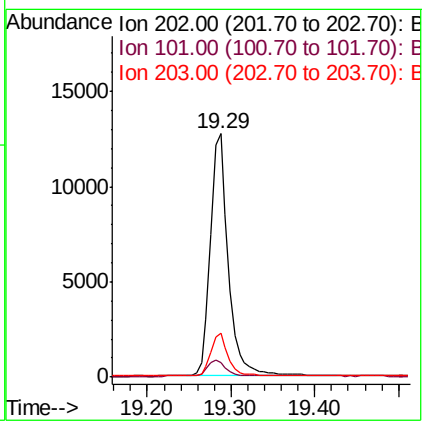


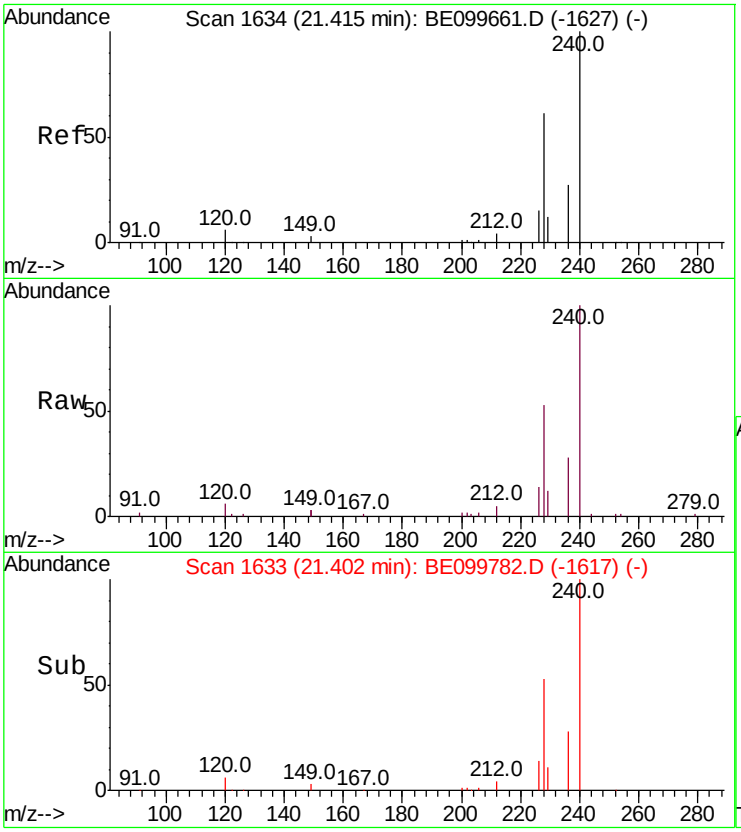


#26
Fluoranthene
Concen: 0.338 ng
RT: 19.29 min Scan# 1396
Delta R.T. -0.01 min
Lab File: BE099782.D
Acq: 29 May 2019 18:38

Tgt Ion:202 Resp: 19084

Ion	Ratio	Lower	Upper
202	100		
101	6.9	5.2	7.8
203	17.0	13.8	20.6



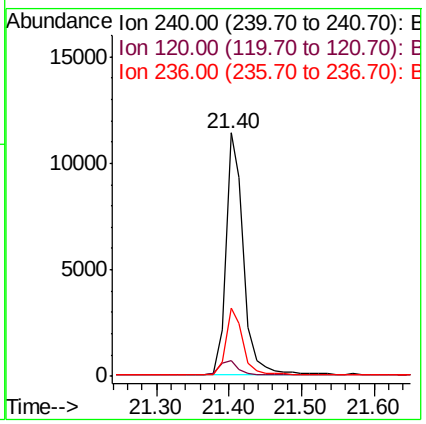


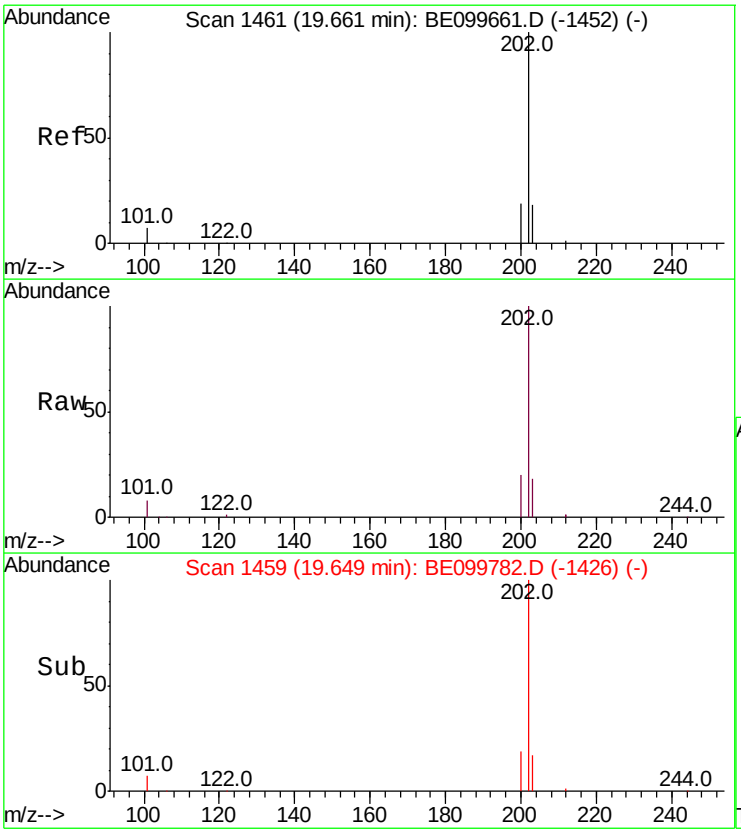
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.40 min Scan# 1633
Delta R.T. -0.01 min
Lab File: BE099782.D
Acq: 29 May 2019 18:38

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:240 Resp: 19567

Ion	Ratio	Lower	Upper
240	100		
120	6.4	5.4	8.0
236	28.3	21.7	32.5

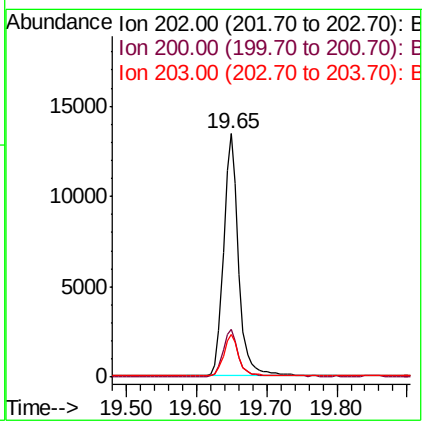


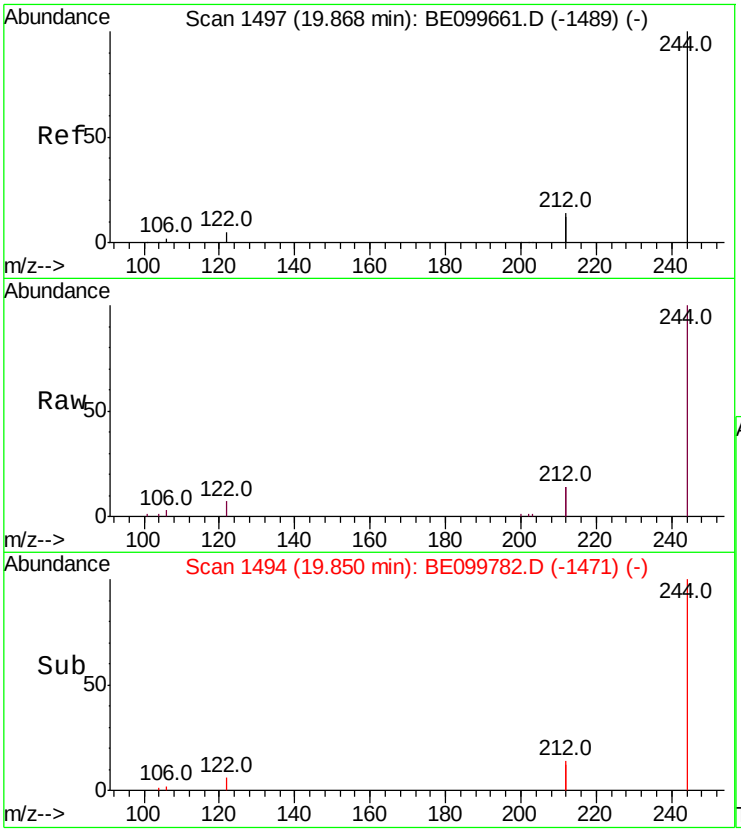


#28
Pyrene
Concen: 0.405 ng
RT: 19.65 min Scan# 1459
Delta R.T. -0.01 min
Lab File: BE099782.D
Acq: 29 May 2019 18:38

Tgt Ion:202 Resp: 19895

Ion	Ratio	Lower	Upper
202	100		
200	19.6	15.4	23.2
203	17.5	13.8	20.8



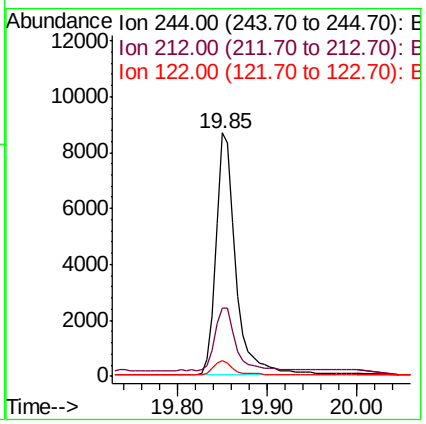


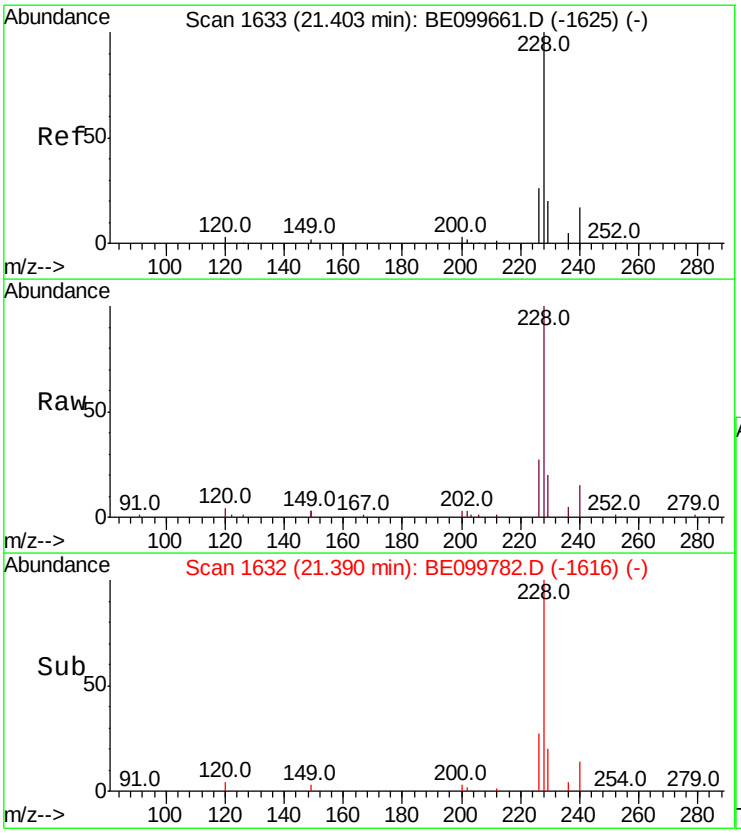
#29
Terphenyl-d14
Concen: 0.382 ng
RT: 19.85 min Scan# 1494
Delta R.T. -0.02 min
Lab File: BE099782.D
Acq: 29 May 2019 18:38

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:244 Resp: 13356

Ion	Ratio	Lower	Upper
244	100		
212	28.1	22.5	33.7
122	6.7	4.3	6.5#

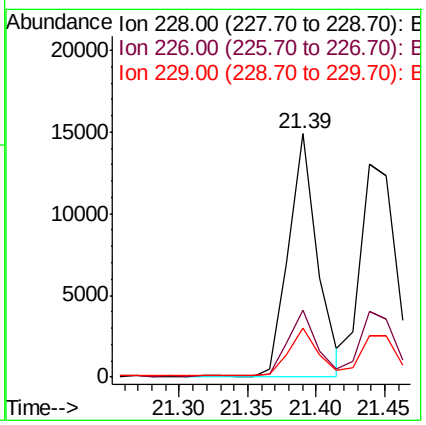


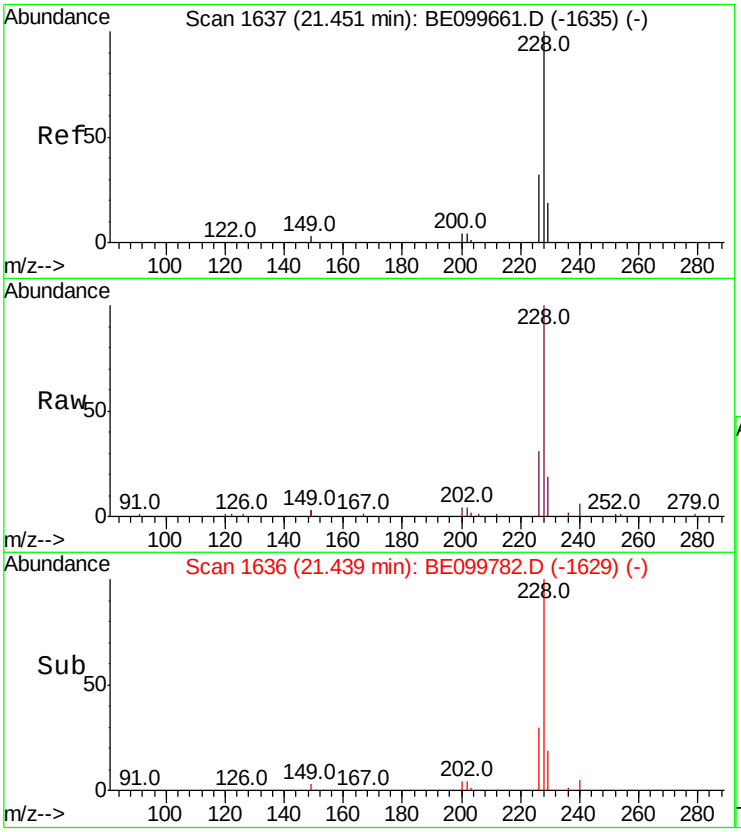


#30
Benzo(a)anthracene
Concen: 0.390 ng
RT: 21.39 min Scan# 1632
Delta R.T. -0.01 min
Lab File: BE099782.D
Acq: 29 May 2019 18:38

Tgt Ion:228 Resp: 21694

Ion	Ratio	Lower	Upper
228	100		
226	27.3	21.3	31.9
229	20.3	16.1	24.1



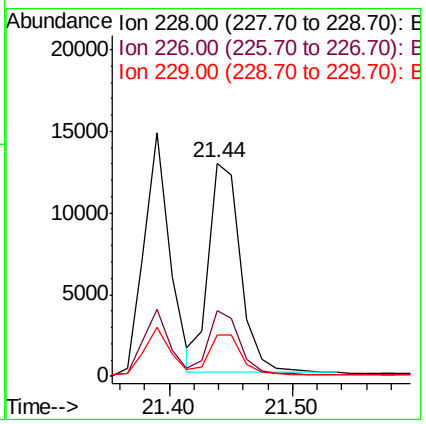


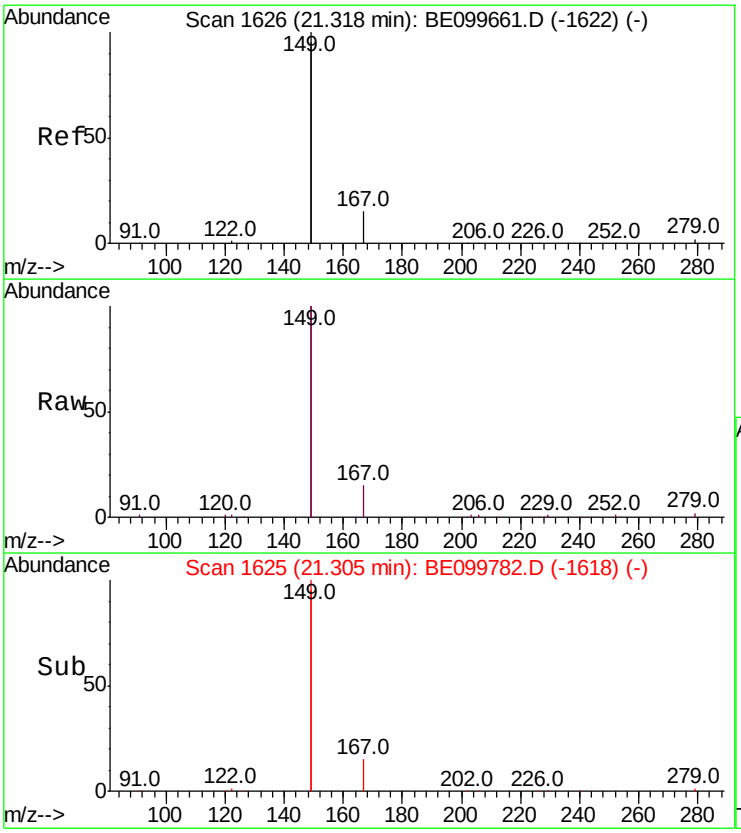
#31
Chrysene
Concen: 0.392 ng
RT: 21.44 min Scan# 1636
Delta R.T. -0.01 min
Lab File: BE099782.D
Acq: 29 May 2019 18:38

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:228 Resp: 23329

Ion	Ratio	Lower	Upper
228	100		
226	30.9	24.7	37.1
229	19.1	15.8	23.6

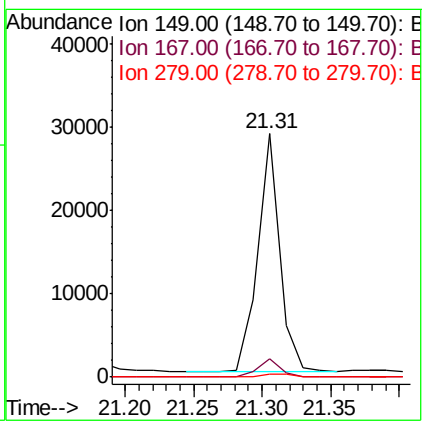


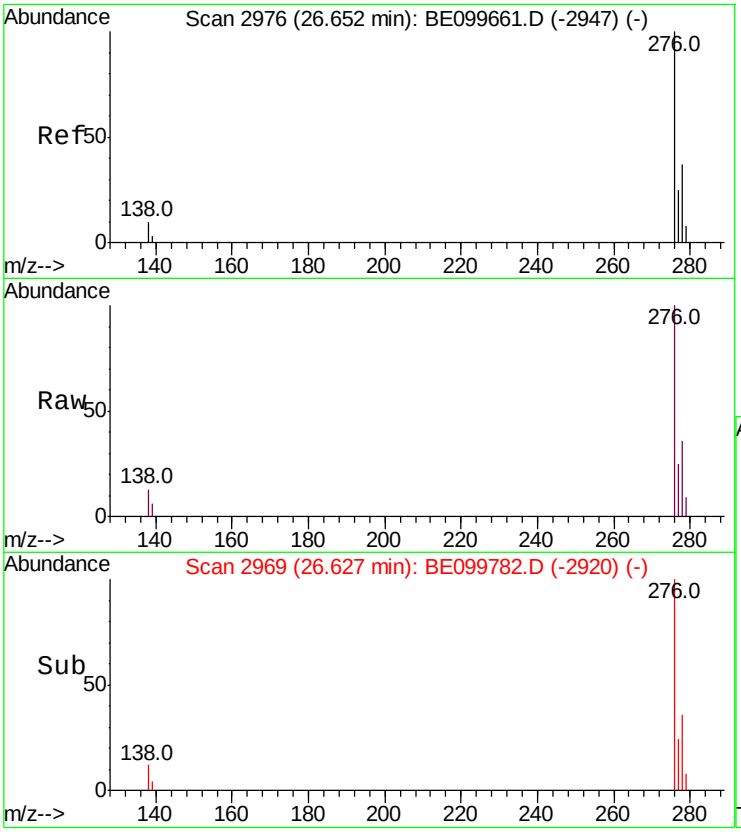


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.490 ng
RT: 21.31 min Scan# 1625
Delta R.T. -0.01 min
Lab File: BE099782.D
Acq: 29 May 2019 18:38

Tgt Ion:149 Resp: 31417

Ion	Ratio	Lower	Upper
149	100		
167	7.5	6.2	9.4
279	1.4	1.2	1.8



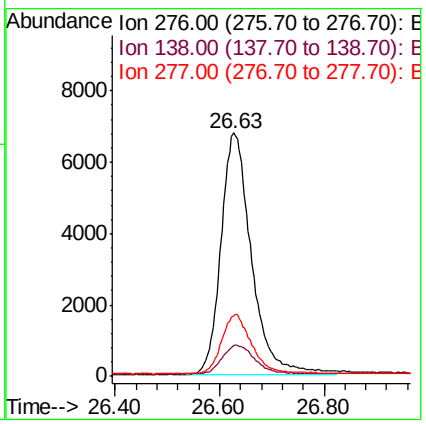


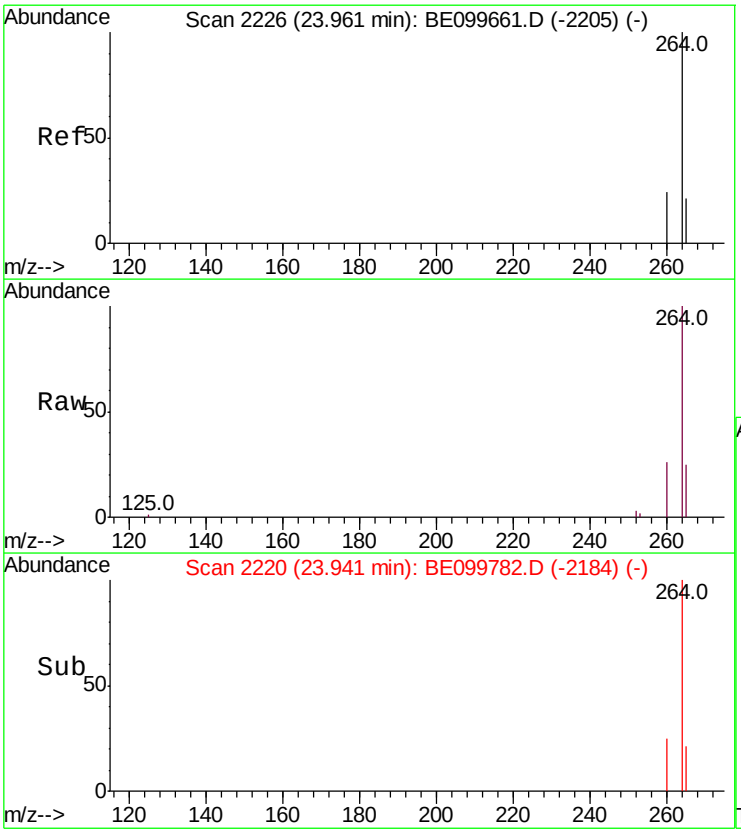
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.379 ng
RT: 26.63 min Scan# 2969
Delta R.T. -0.02 min
Lab File: BE099782.D
Acq: 29 May 2019 18:38

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:276 Resp: 27198

Ion	Ratio	Lower	Upper
276	100		
138	13.0	9.6	14.4
277	24.3	19.2	28.8

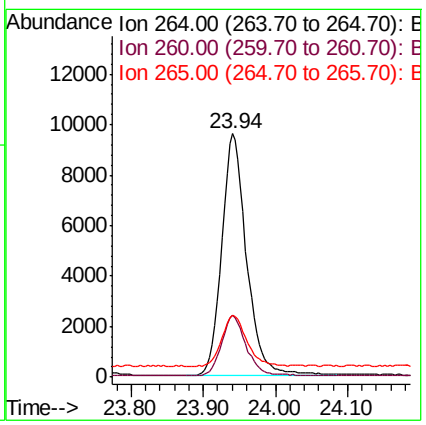


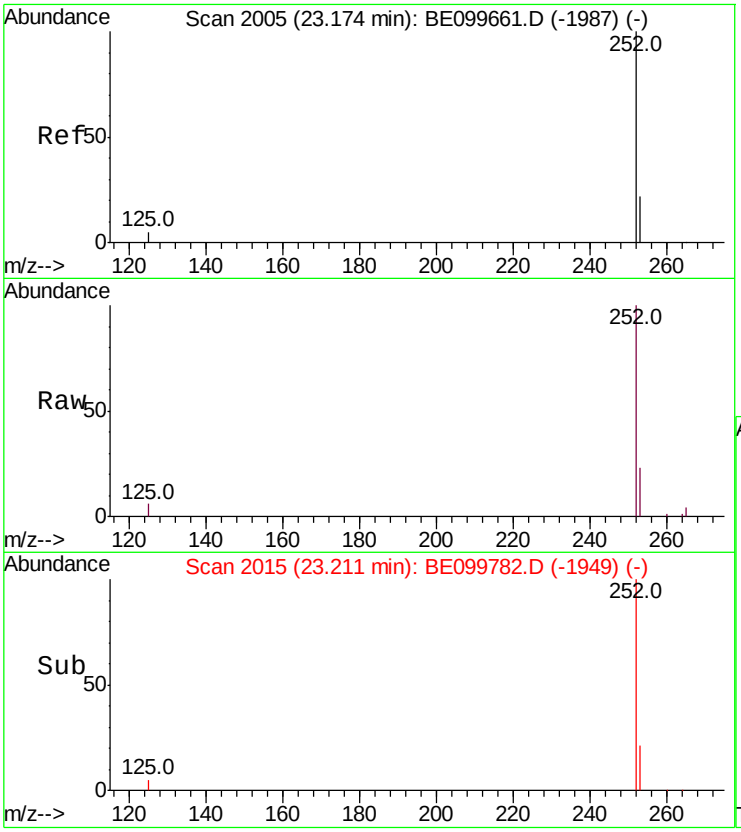


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.94 min Scan# 2220
Delta R.T. -0.02 min
Lab File: BE099782.D
Acq: 29 May 2019 18:38

Tgt Ion:264 Resp: 22604

Ion	Ratio	Lower	Upper
264	100		
260	25.5	19.6	29.4
265	25.3	19.1	28.7



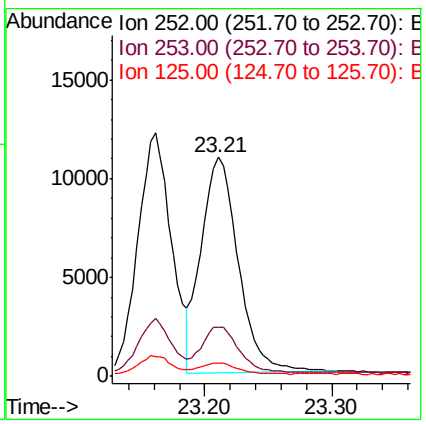


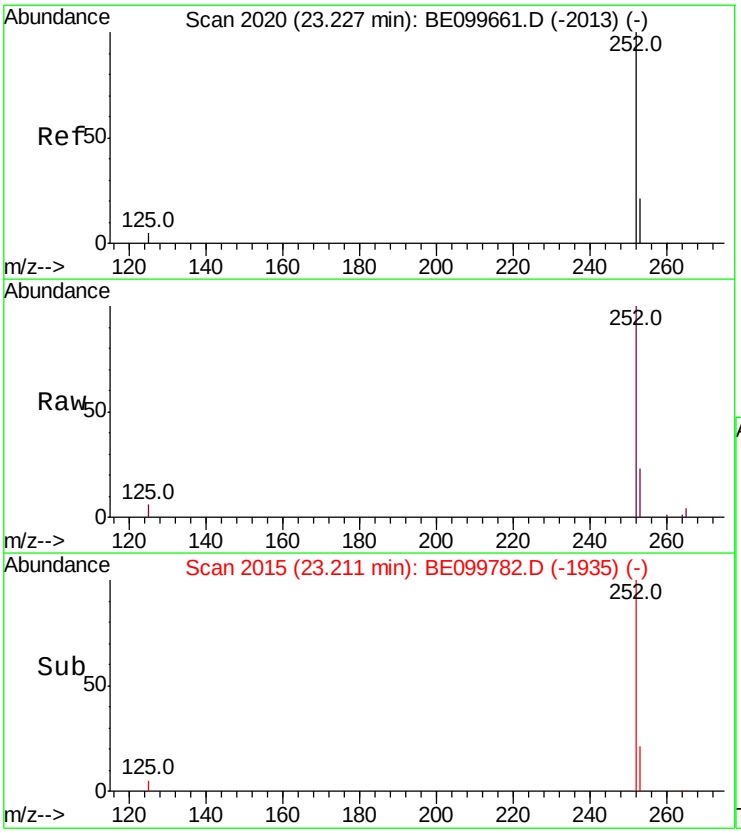
#35
Benzo(b)fluoranthene
Concen: 0.358 ng
RT: 23.21 min Scan# 2015
Delta R.T. 0.04 min
Lab File: BE099782.D
Acq: 29 May 2019 18:38

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:252 Resp: 22175

Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.2	27.4
125	6.0	4.5	6.7

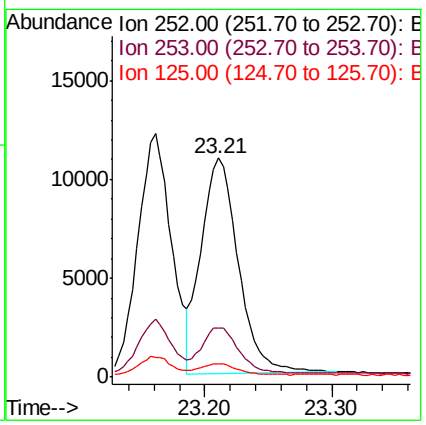


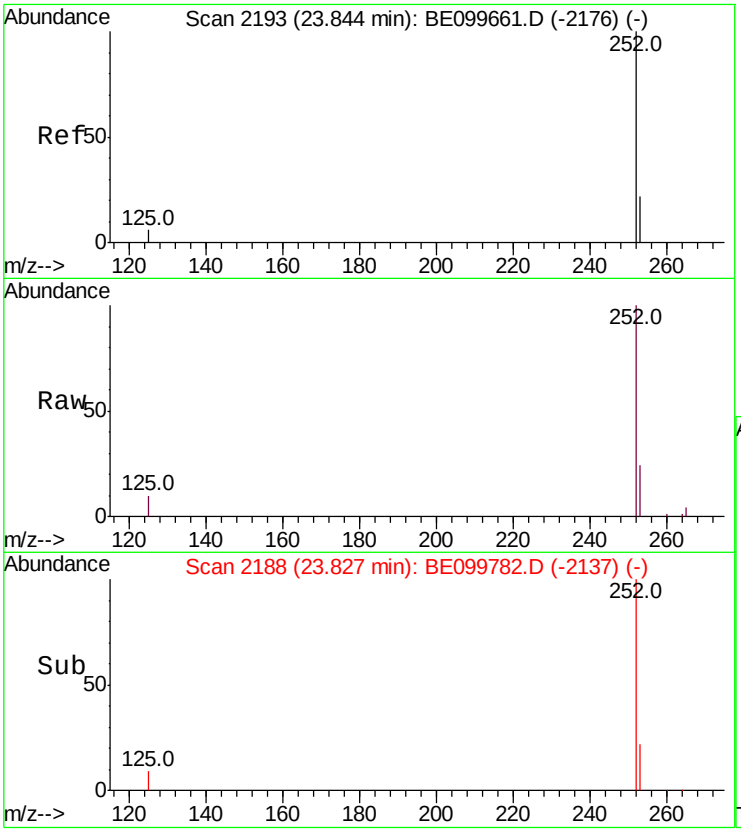


#36
Benzo(k)fluoranthene
Concen: 0.343 ng
RT: 23.21 min Scan# 2015
Delta R.T. -0.02 min
Lab File: BE099782.D
Acq: 29 May 2019 18:38

Tgt Ion:252 Resp: 22171

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.8	26.8
125	6.0	4.6	6.8



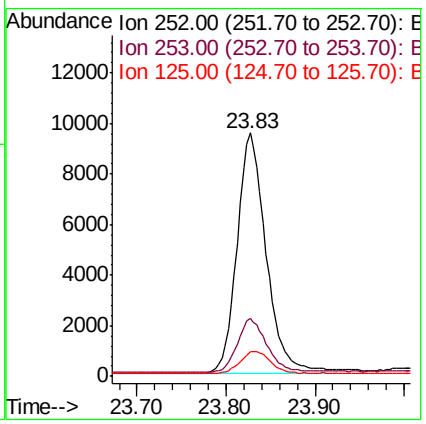


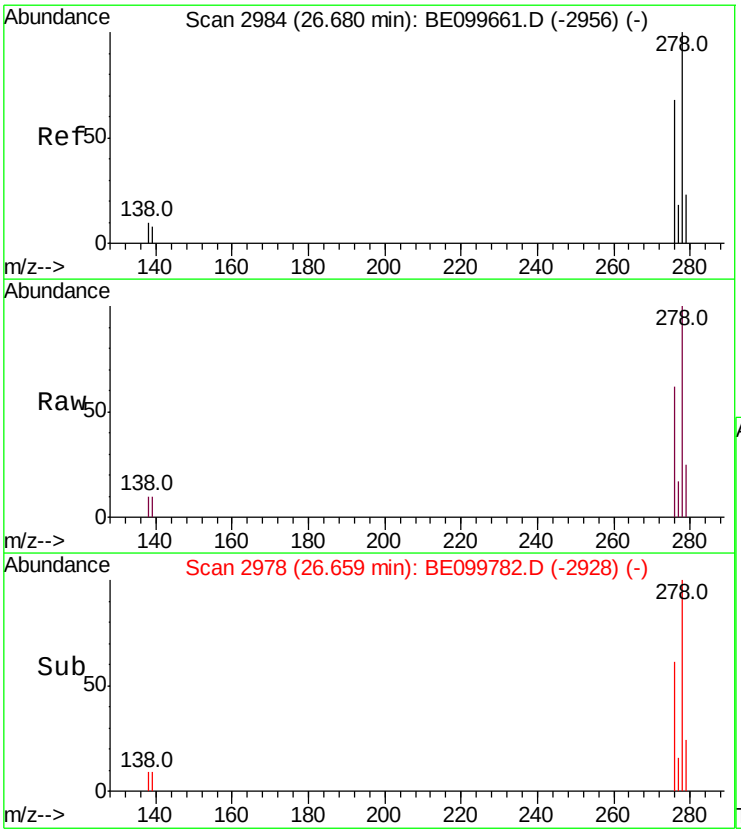
#37
Benzo(a)pyrene
Concen: 0.362 ng
RT: 23.83 min Scan# 2188
Delta R.T. -0.02 min
Lab File: BE099782.D
Acq: 29 May 2019 18:38

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:252 Resp: 21581

Ion	Ratio	Lower	Upper
252	100		
253	23.6	18.9	28.3
125	9.9	5.4	8.0#

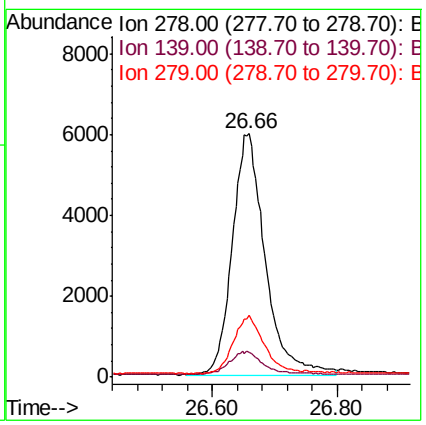


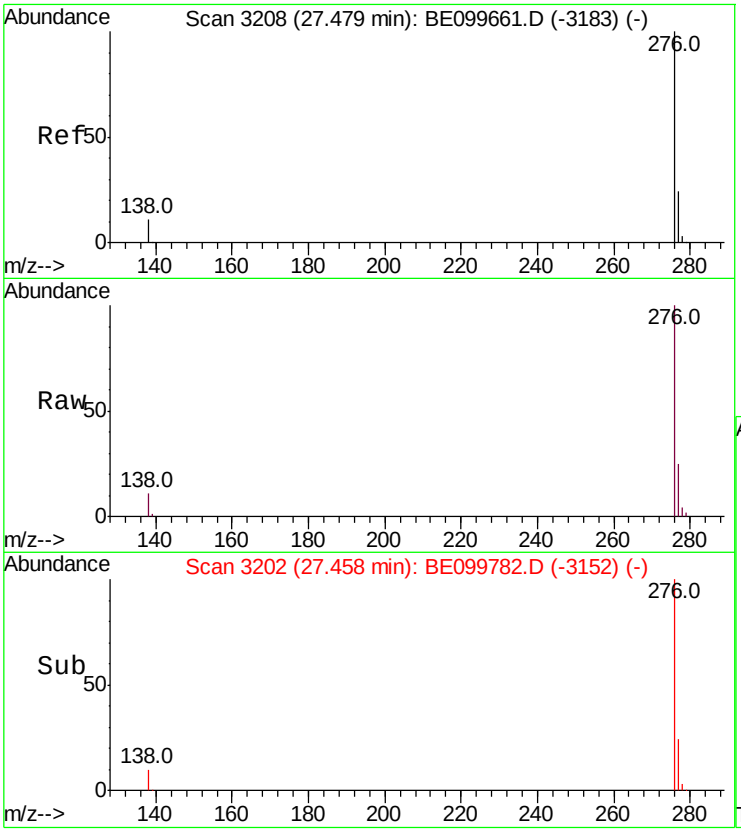


#38
Dibenzo(a,h)anthracene
Concen: 0.349 ng
RT: 26.66 min Scan# 2978
Delta R.T. -0.02 min
Lab File: BE099782.D
Acq: 29 May 2019 18:38

Tgt Ion:278 Resp: 21834

Ion	Ratio	Lower	Upper
278	100		
139	10.1	6.9	10.3
279	25.2	19.2	28.8





#39
Benzo(g,h,i)perylene
Concen: 0.355 ng
RT: 27.46 min Scan# 3202
Delta R.T. -0.02 min
Lab File: BE099782.D
Acq: 29 May 2019 18:38

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:276 Resp: 22457

Ion	Ratio	Lower	Upper
276	100		
277	25.0	19.8	29.6
138	11.0	9.2	13.8