Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE061119\
Data File : BE099925.D
Acq On : 11 Jun 2019 15:43
Operator : JU/SJ
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDCCC0.4EC

Quant Time: Jun 12 03:43:37 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE061019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 10 14:57:20 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.78	152	659	0.40	ng		-0.01
7) Naphthalene-d8	10.59	136	2600	0.40	ng		-0.01
13) Acenaphthene-d10	14.44	164	2215	0.40	ng		-0.03
19) Phenanthrene-d10	17.19	188	7656	0.40	ng		-0.03
27) Chrysene-d12	21.37	240	9485	0.40	ng		-0.04
34) Perylene-d12	23.86	264	10978	0.40	ng		-0.07
System Monitoring Compounds							
4) 2-Fluorophenol	5.35	112	665	0.37	ng		0.00
5) Phenol-d6	6.96	99	936	0.41	ng		0.00
8) Nitrobenzene-d5	8.95	82	865	0.35	ng		-0.01
11) 2-Methylnaphthalene-d10	12.18	152	1874	0.41	ng		-0.03
14) 2,4,6-Tribromophenol	15.94	330	481	0.29	ng		-0.03
15) 2-Fluorobiphenyl	13.07	172	3156	0.38	ng		-0.03
25) Fluoranthene-d10	19.21	212	38946	0.35	ng		-0.04
29) Terphenyl-d14	19.82	244	7434	0.44	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	3.27	88	408	0.418	ng		92
3) n-Nitrosodimethylamine	3.61	42	140	0.249	ng	#	100
6) bis(2-Chloroethyl)ether	7.22	93	774	0.414	ng	#	72
9) Naphthalene	10.63	128	11724	0.418	ng		100
10) Hexachlorobutadiene	10.90	225	899	0.420	ng		100
12) 2-Methylnaphthalene	12.27	142	1855	0.407	ng		97
16) Acenaphthylene	14.17	152	4270	0.387	ng		98
17) Acenaphthene	14.50	154	2298	0.383	ng		98
18) Fluorene	15.49	166	3685	0.409	ng		97
20) 4-Bromophenyl-phenylether	16.38	248	1664	0.384	ng		92
21) Hexachlorobenzene	16.48	284	1753	0.395	ng		99
22) Pentachlorophenol	16.87	266	259	0.421	ng		94
23) Phenanthrene	17.23	178	7143	0.384	ng		99
24) Anthracene	17.32	178	6177	0.363	ng		99
26) Fluoranthene	19.24	202	11240	0.356	ng		100
28) Pyrene	19.61	202	11488	0.461	ng		100
30) Benzo(a)anthracene	21.34	228	11516	0.406	ng		99
31) Chrysene	21.40	228	12526	0.427	ng		99
32) Bis(2-ethylhexyl)phthalate	21.26	149	15286	0.376	ng		100
33) Indeno(1,2,3-cd)pyrene	26.52	276	14273	0.411	ng		98
35) Benzo(b)fluoranthene	23.09	252	11720	0.381	ng		98
36) Benzo(k)fluoranthene	23.14	252	13281	0.413	ng		99
37) Benzo(a)pyrene	23.75	252	11857	0.391	ng	#	97
38) Dibenzo(a,h)anthracene	26.54	278	10887	0.357	ng		96
39) Benzo(g,h,i)perylene	27.33	276	12463	0.395	ng		97

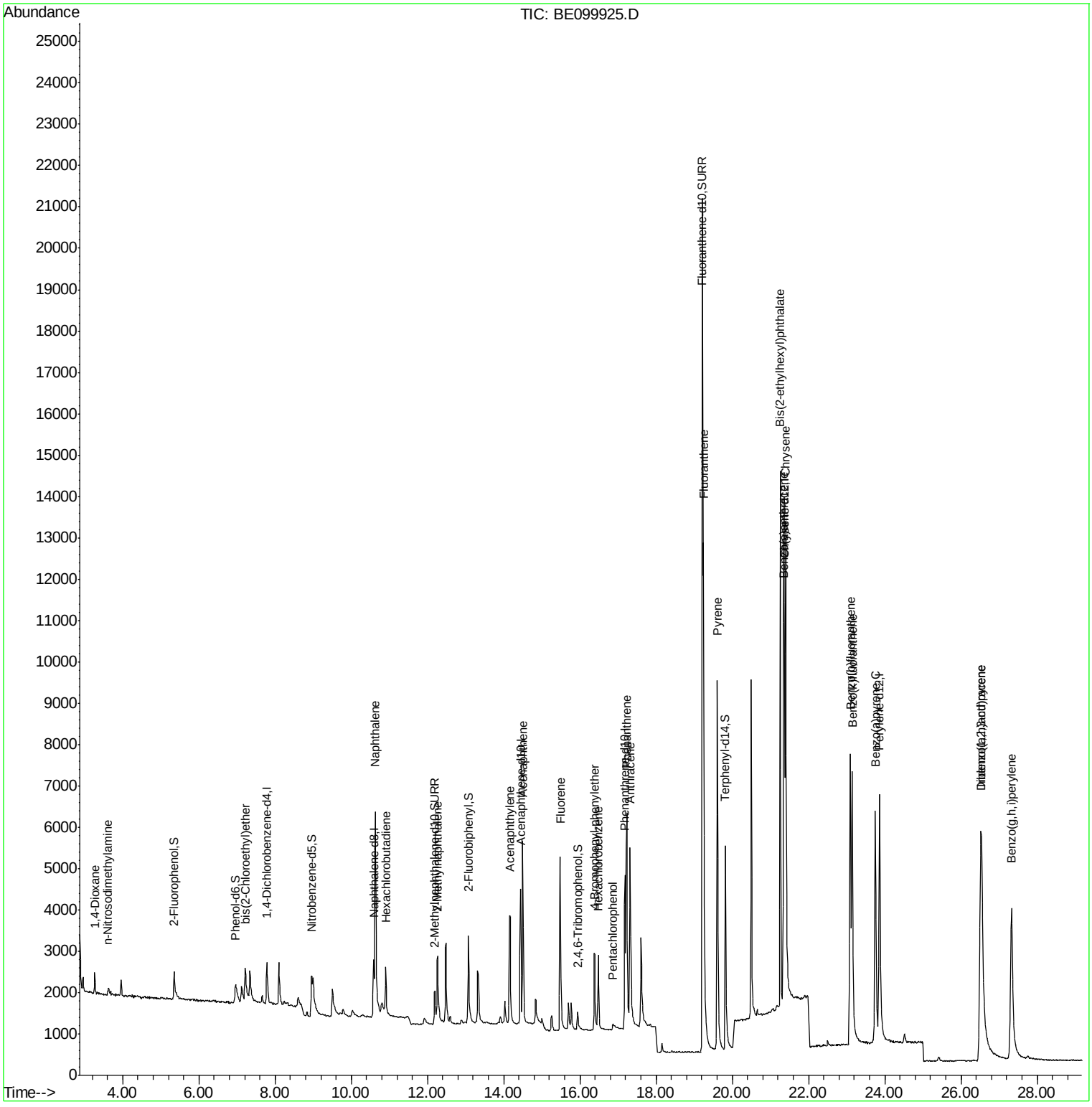
(#) = qualifier out of range (m) = manual integration (+) = signals summed

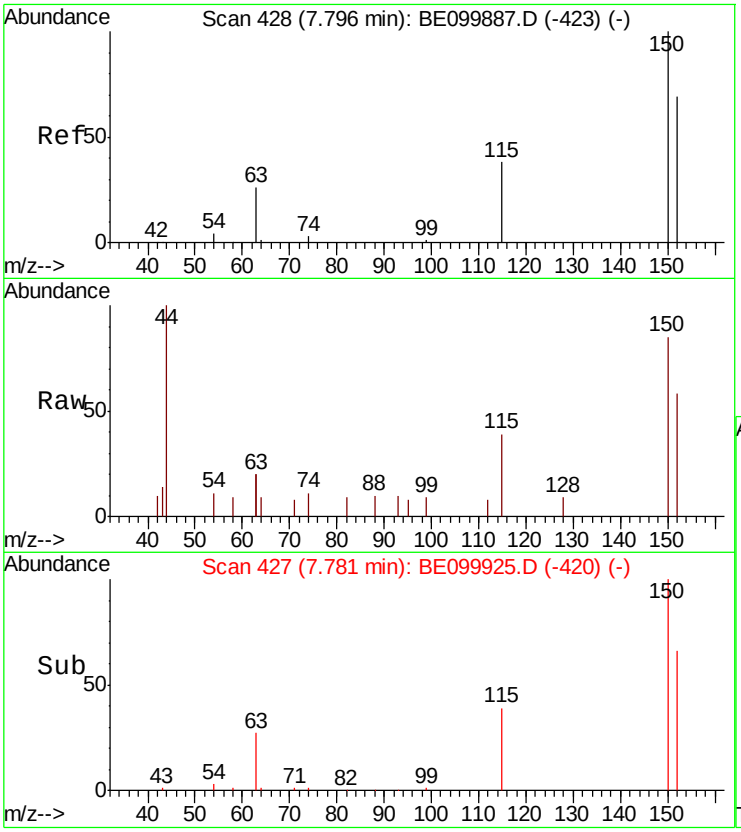
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE061119\
Data File : BE099925.D
Acq On : 11 Jun 2019 15:43
Operator : JU/SJ
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Quant Time: Jun 12 03:43:37 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE061019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 10 14:57:20 2019
Response via : Initial Calibration



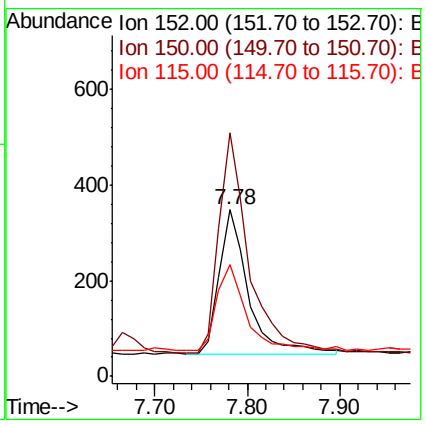


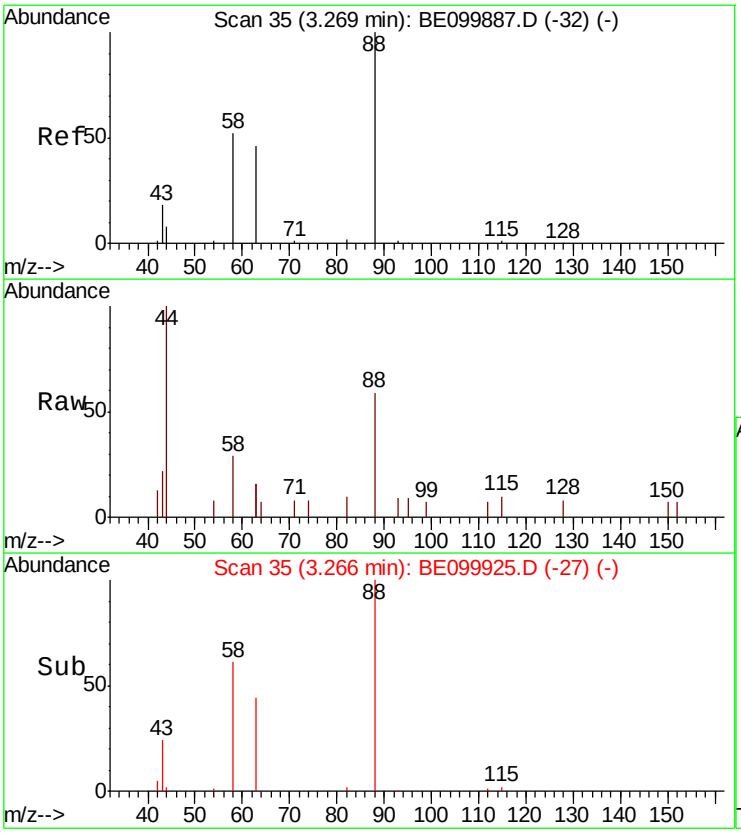
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.78 min Scan# 427
Delta R.T. -0.01 min
Lab File: BE099925.D
Acq: 11 Jun 2019 15:43

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:152 Resp: 659

Ion	Ratio	Lower	Upper
152	100		
150	145.8	111.0	166.6
115	67.3	50.7	76.1

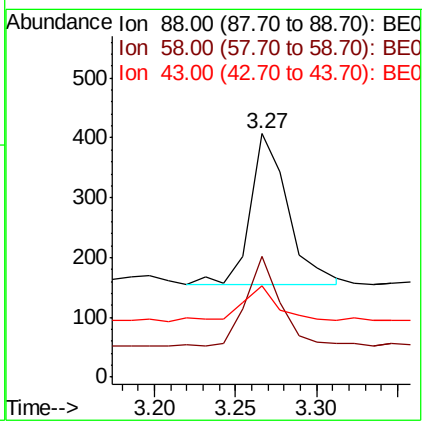


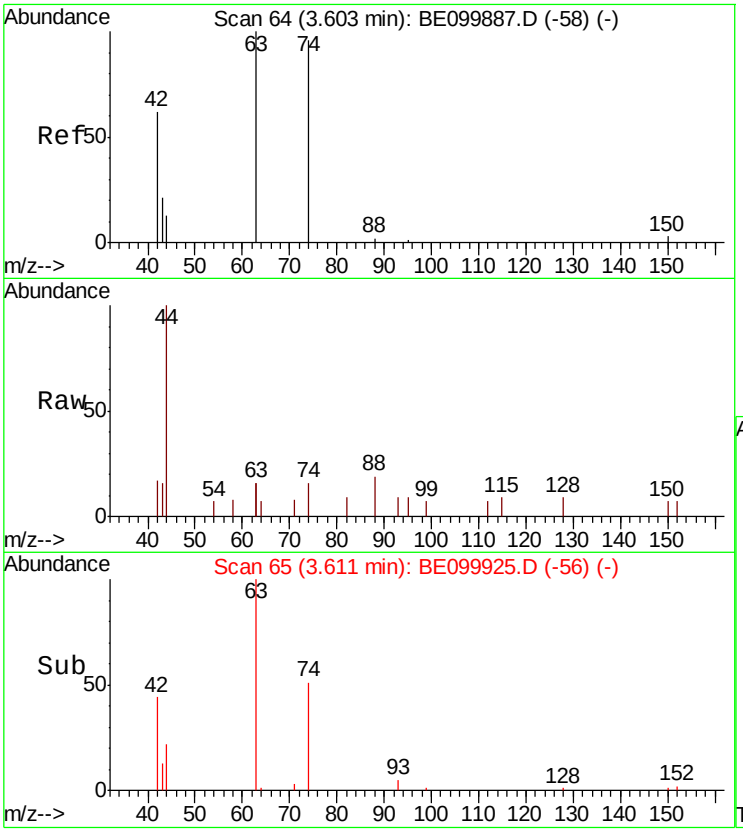


#2
1,4-Dioxane
Concen: 0.418 ng
RT: 3.27 min Scan# 35
Delta R.T. -0.00 min
Lab File: BE099925.D
Acq: 11 Jun 2019 15:43

Tgt Ion: 88 Resp: 408

Ion	Ratio	Lower	Upper
88	100		
58	53.9	48.8	73.2
43	21.1	19.0	28.6



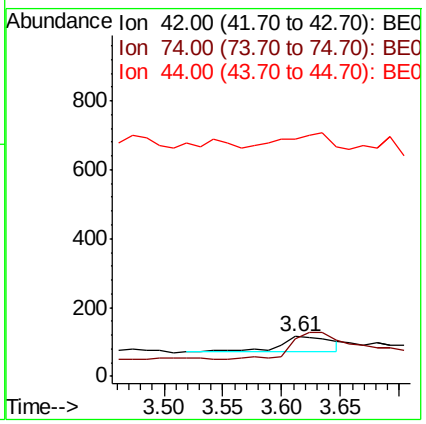


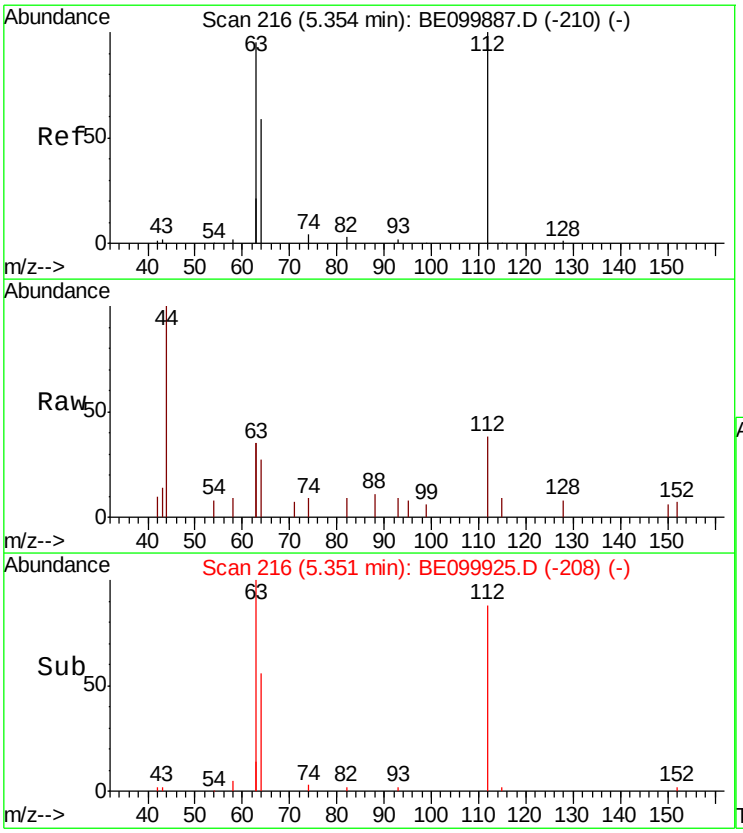
#3
n-Nitrosodimethylamine
Concen: 0.249 ng
RT: 3.61 min Scan# 65
Delta R.T. 0.01 min
Lab File: BE099925.D
Acq: 11 Jun 2019 15:43

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion: 42 Resp: 140

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

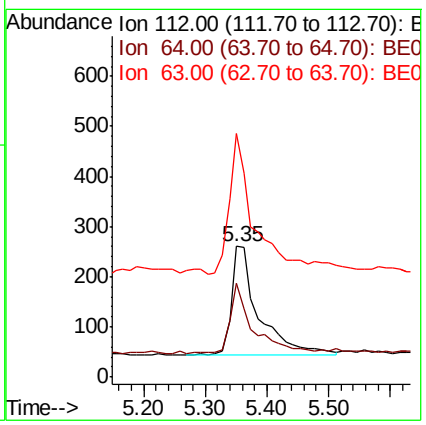


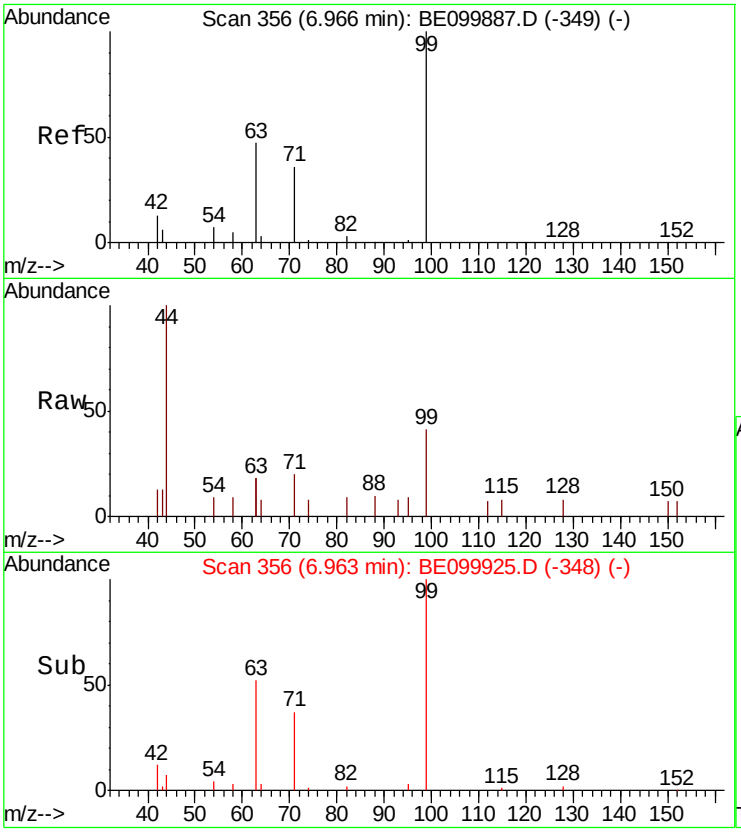


#4
2-Fluorophenol
Concen: 0.374 ng
RT: 5.35 min Scan# 216
Delta R.T. -0.00 min
Lab File: BE099925.D
Acq: 11 Jun 2019 15:43

Tgt Ion:112 Resp: 665

Ion	Ratio	Lower	Upper
112	100		
64	52.3	44.1	66.1
63	115.8	87.8	131.6



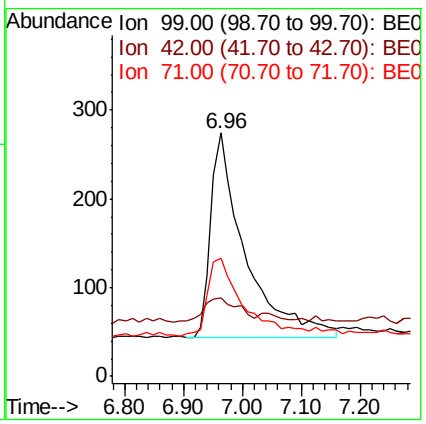


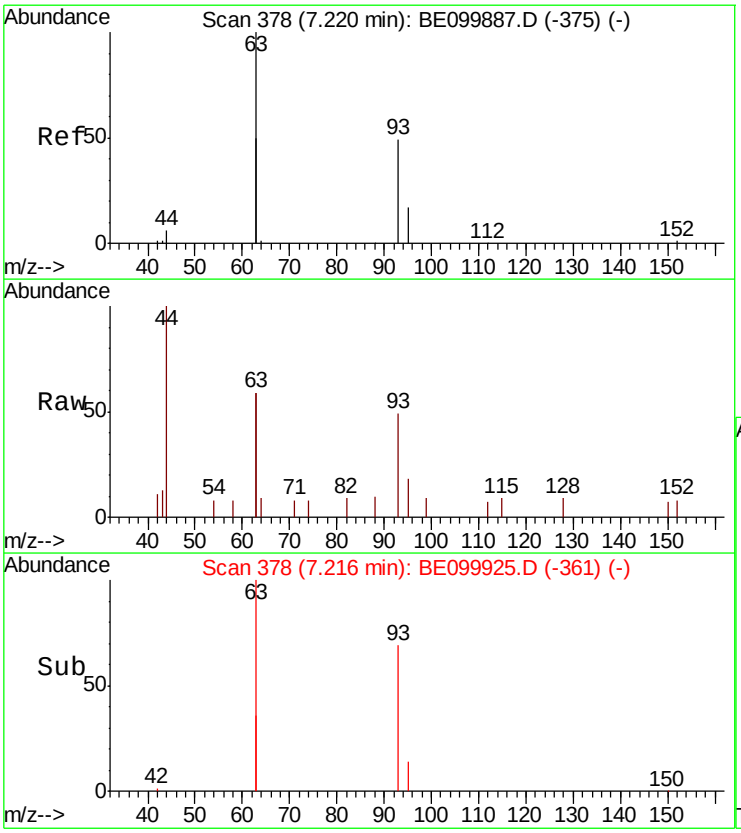
#5
Phenol-d6
Concen: 0.409 ng
RT: 6.96 min Scan# 356
Delta R.T. -0.00 min
Lab File: BE099925.D
Acq: 11 Jun 2019 15:43

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion: 99 Resp: 936

Ion	Ratio	Lower	Upper
99	100		
42	11.9	15.9	23.9#
71	38.4	34.6	52.0

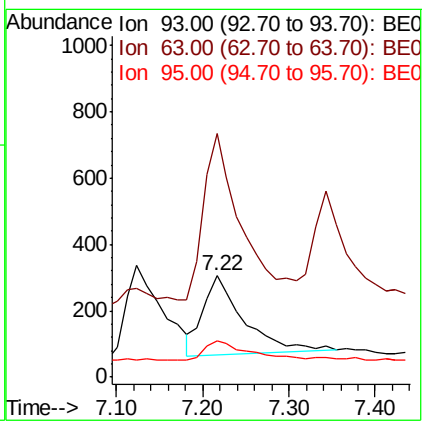


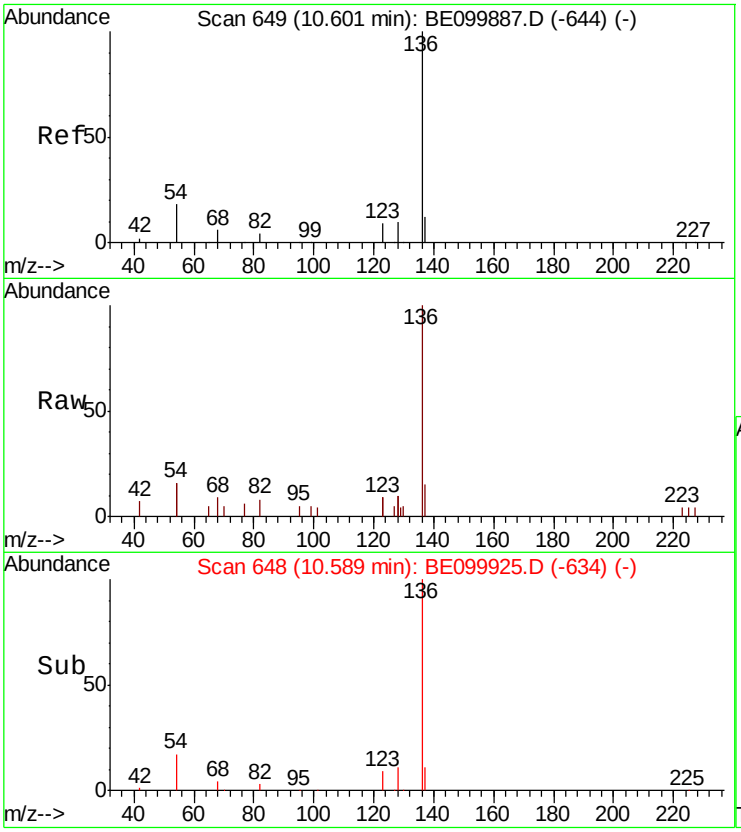


#6
bis(2-Chloroethyl)ether
Concen: 0.414 ng
RT: 7.22 min Scan# 378
Delta R.T. -0.00 min
Lab File: BE099925.D
Acq: 11 Jun 2019 15:43

Tgt Ion: 93 Resp: 774

Ion	Ratio	Lower	Upper
93	100		
63	199.2	202.8	304.2#
95	26.1	23.7	35.5



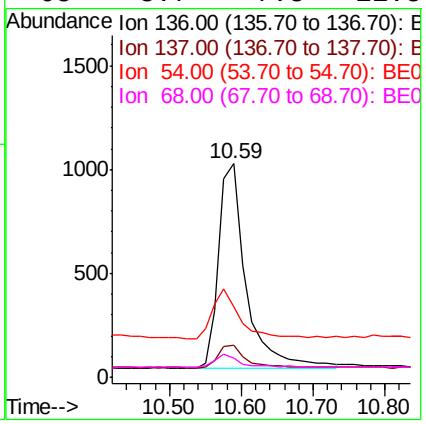


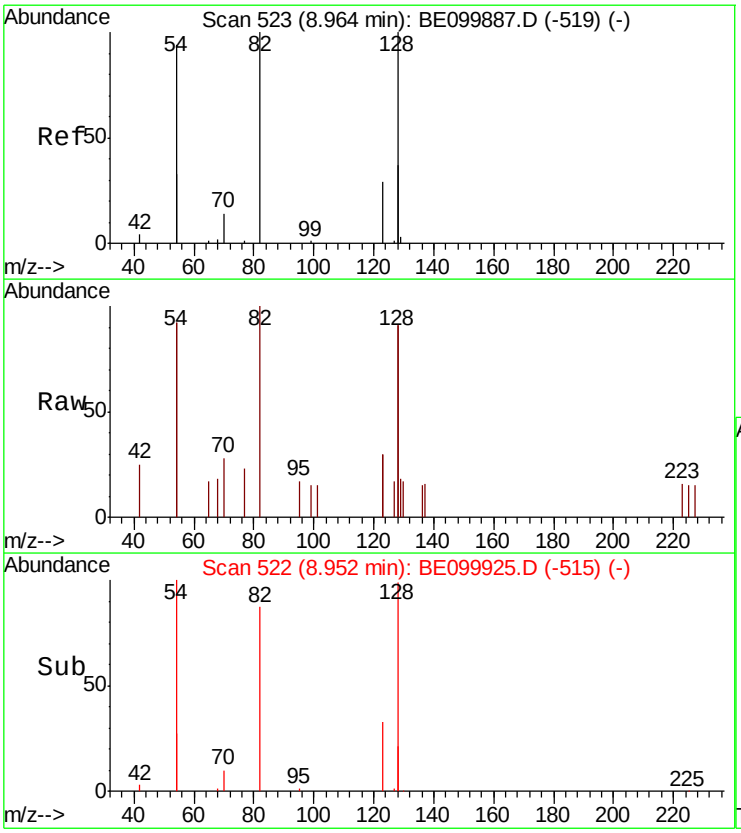
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.59 min Scan# 648
Delta R.T. -0.01 min
Lab File: BE099925.D
Acq: 11 Jun 2019 15:43

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:136 Resp: 2600

Ion	Ratio	Lower	Upper
136	100		
137	14.9	12.3	18.5
54	32.8	28.2	42.4
68	8.7	7.8	11.8

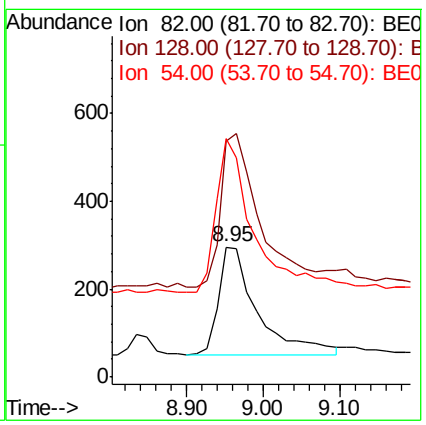


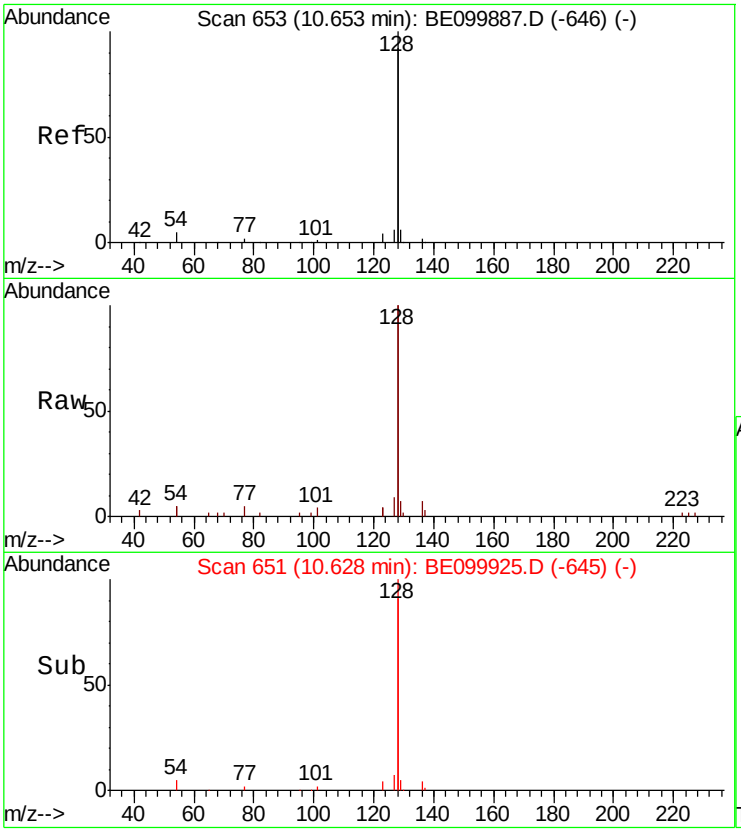


#8
Nitrobenzene-d5
Concen: 0.351 ng
RT: 8.95 min Scan# 522
Delta R.T. -0.01 min
Lab File: BE099925.D
Acq: 11 Jun 2019 15:43

Tgt Ion: 82 Resp: 865

Ion	Ratio	Lower	Upper
82	100		
128	181.7	137.3	205.9
54	183.7	129.7	194.5



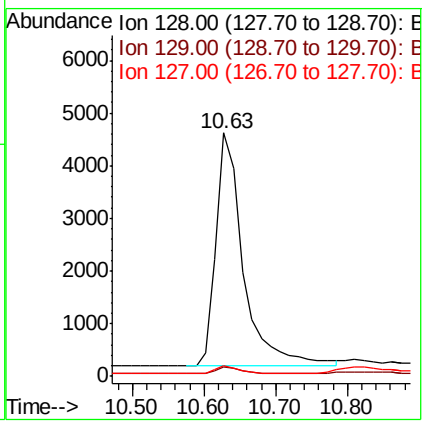


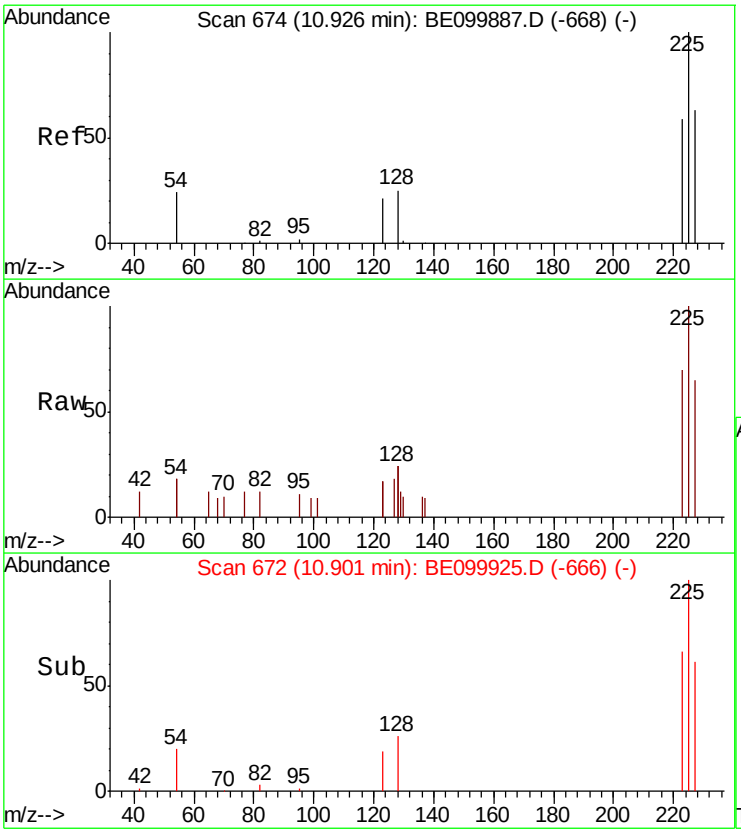
#9
Naphthalene
Concen: 0.418 ng
RT: 10.63 min Scan# 651
Delta R.T. -0.03 min
Lab File: BE099925.D
Acq: 11 Jun 2019 15:43

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:128 Resp: 11724

Ion	Ratio	Lower	Upper
128	100		
129	3.6	3.0	4.6
127	4.3	3.4	5.0

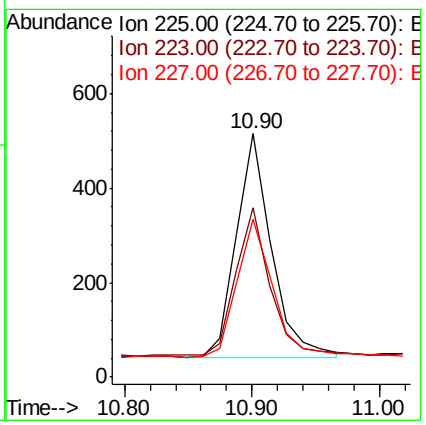


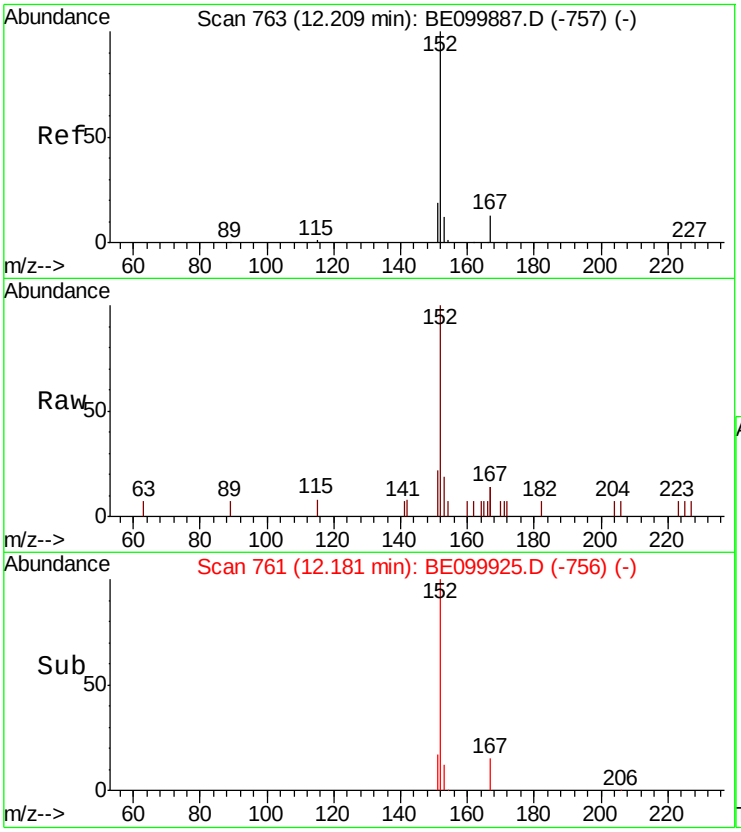


#10
Hexachlorobutadiene
Concen: 0.420 ng
RT: 10.90 min Scan# 672
Delta R.T. -0.03 min
Lab File: BE099925.D
Acq: 11 Jun 2019 15:43

Tgt Ion:225 Resp: 899

Ion	Ratio	Lower	Upper
225	100		
223	64.7	51.6	77.4
227	63.1	50.6	76.0



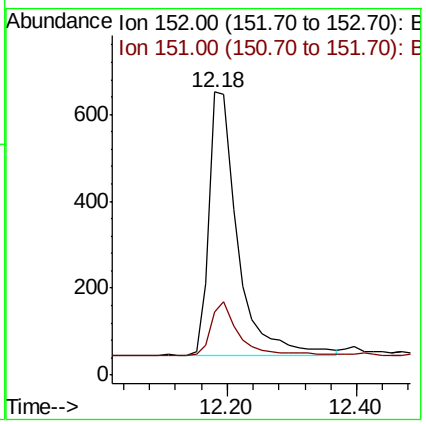


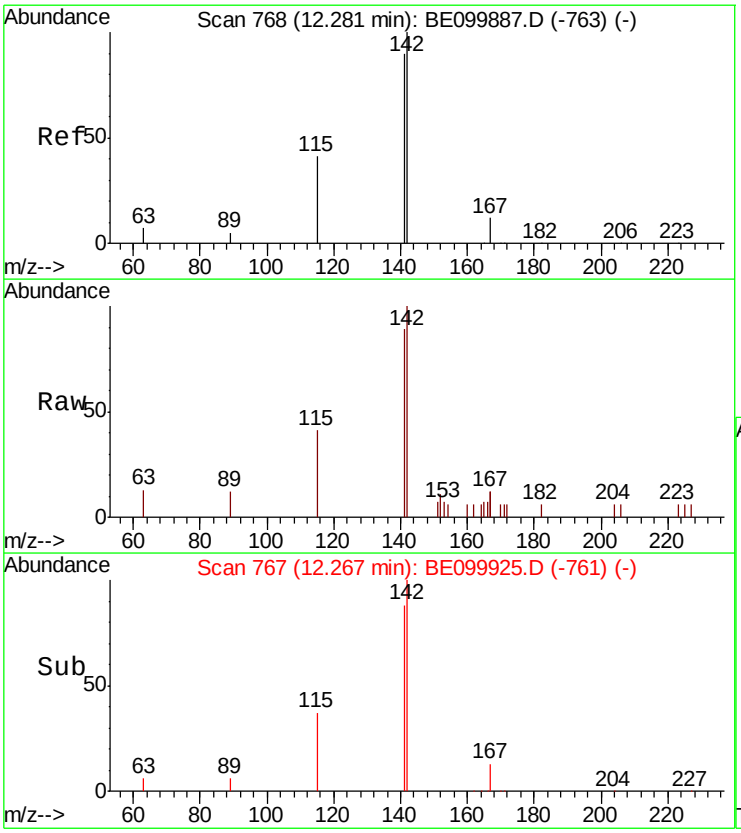
#11
2-Methylnaphthalene-d10
Concen: 0.413 ng
RT: 12.18 min Scan# 761
Delta R.T. -0.03 min
Lab File: BE099925.D
Acq: 11 Jun 2019 15:43

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:152 Resp: 1874

Ion	Ratio	Lower	Upper
152	100		
151	19.6	15.2	22.8

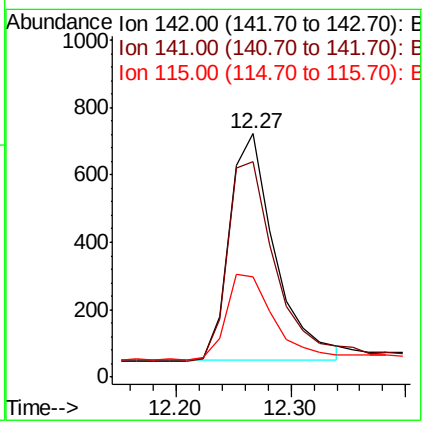


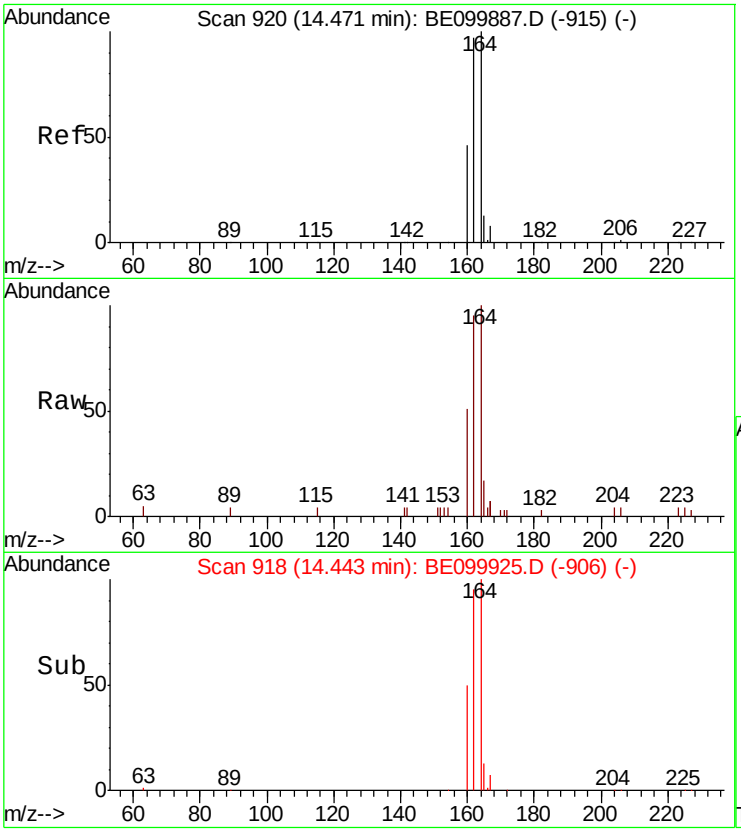


#12
2-Methylnaphthalene
Concen: 0.407 ng
RT: 12.27 min Scan# 767
Delta R.T. -0.01 min
Lab File: BE099925.D
Acq: 11 Jun 2019 15:43

Tgt Ion:142 Resp: 1855

Ion	Ratio	Lower	Upper
142	100		
141	88.7	72.3	108.5
115	41.4	36.4	54.6



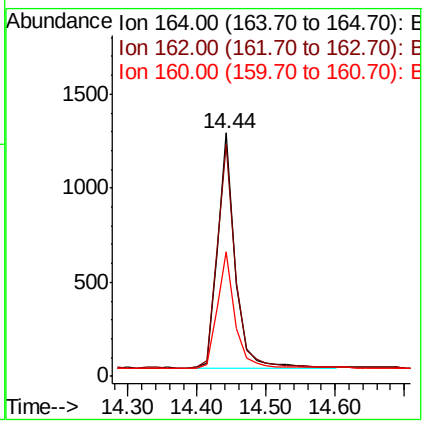


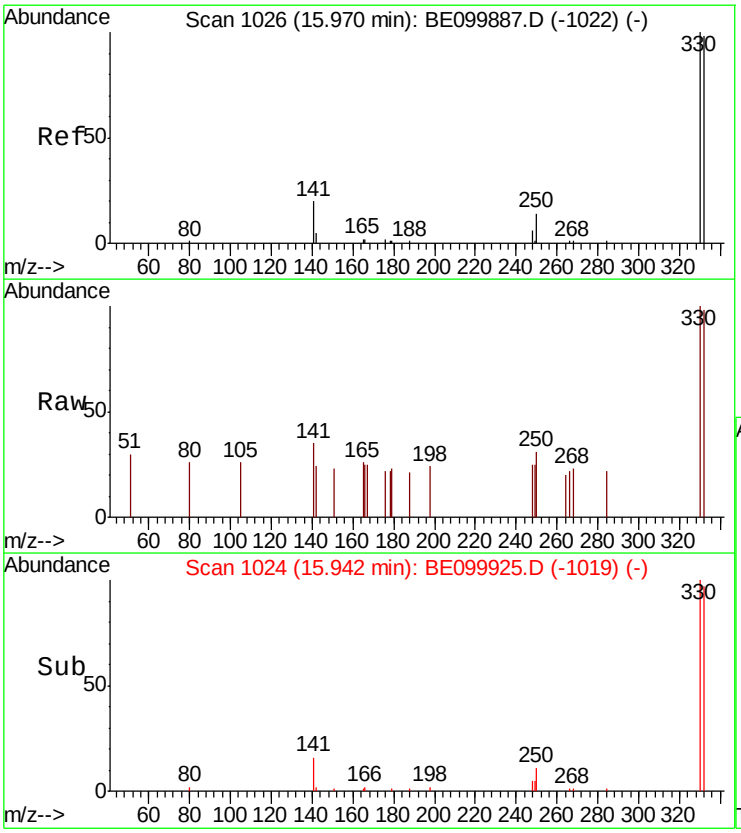
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.44 min Scan# 918
Delta R.T. -0.03 min
Lab File: BE099925.D
Acq: 11 Jun 2019 15:43

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:164 Resp: 2215

Ion	Ratio	Lower	Upper
164	100		
162	95.4	77.8	116.8
160	51.2	38.2	57.4

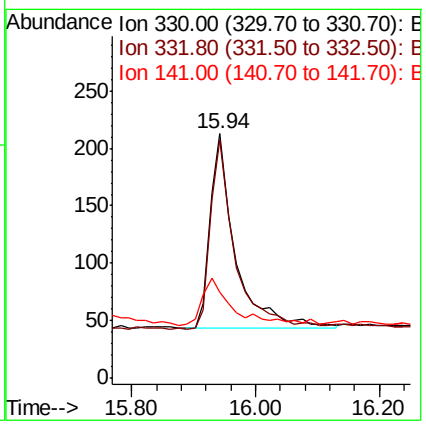


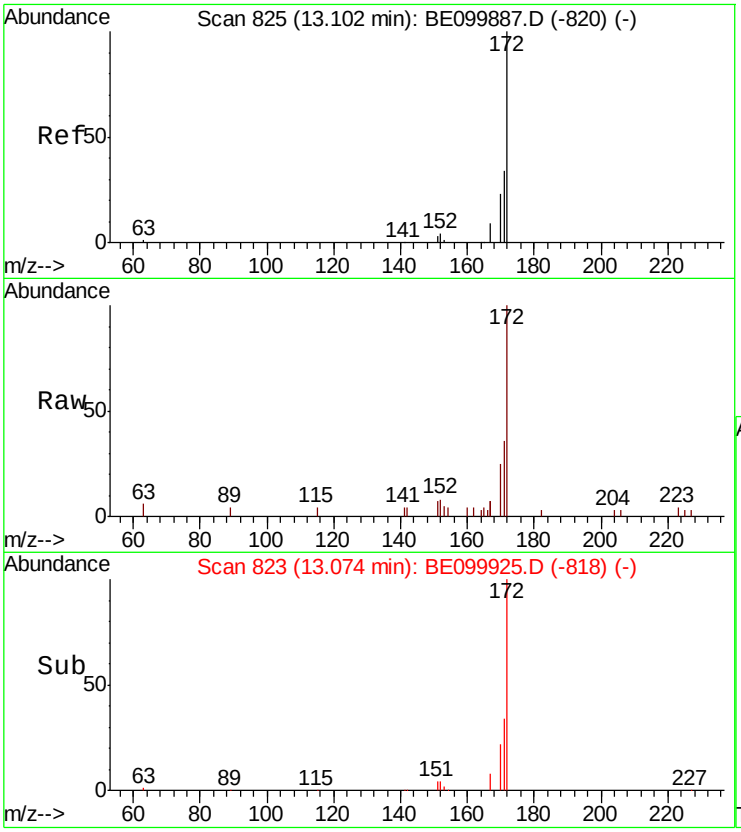


#14
2,4,6-Tribromophenol
Concen: 0.294 ng
RT: 15.94 min Scan# 1024
Delta R.T. -0.03 min
Lab File: BE099925.D
Acq: 11 Jun 2019 15:43

Tgt Ion:330 Resp: 481

Ion	Ratio	Lower	Upper
330	100		
332	97.3	76.7	115.1
141	29.3	21.0	31.6



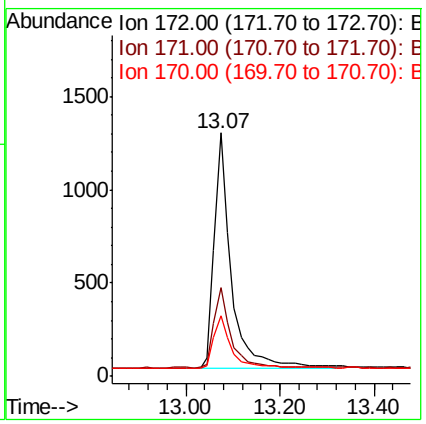


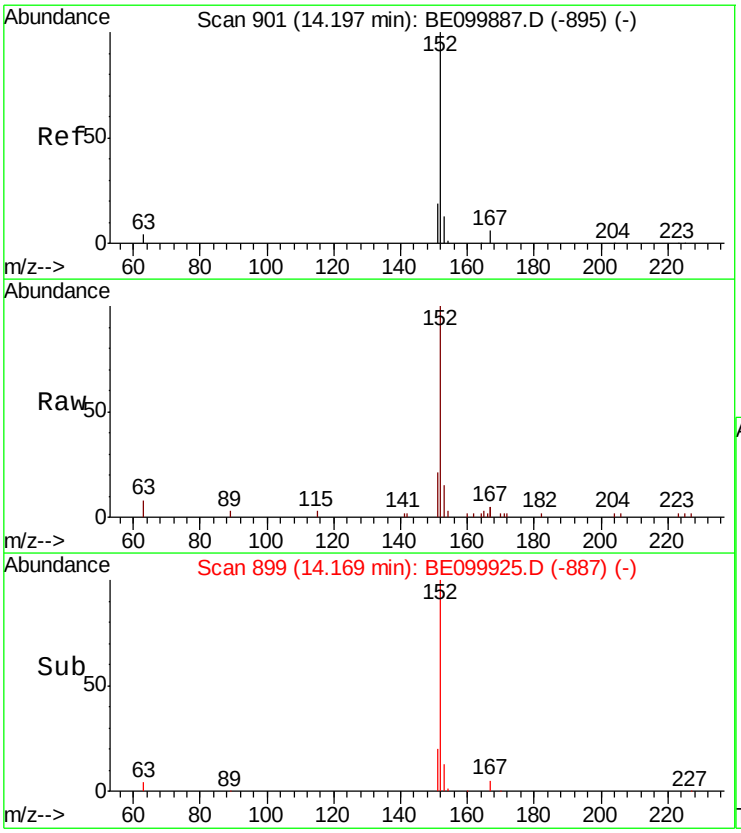
#15
2-Fluorobiphenyl
Concen: 0.376 ng
RT: 13.07 min Scan# 823
Delta R.T. -0.03 min
Lab File: BE099925.D
Acq: 11 Jun 2019 15:43

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:172 Resp: 3156

Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.2	43.8
170	25.1	21.2	31.8

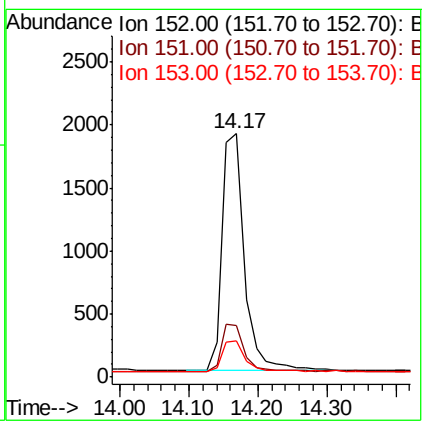


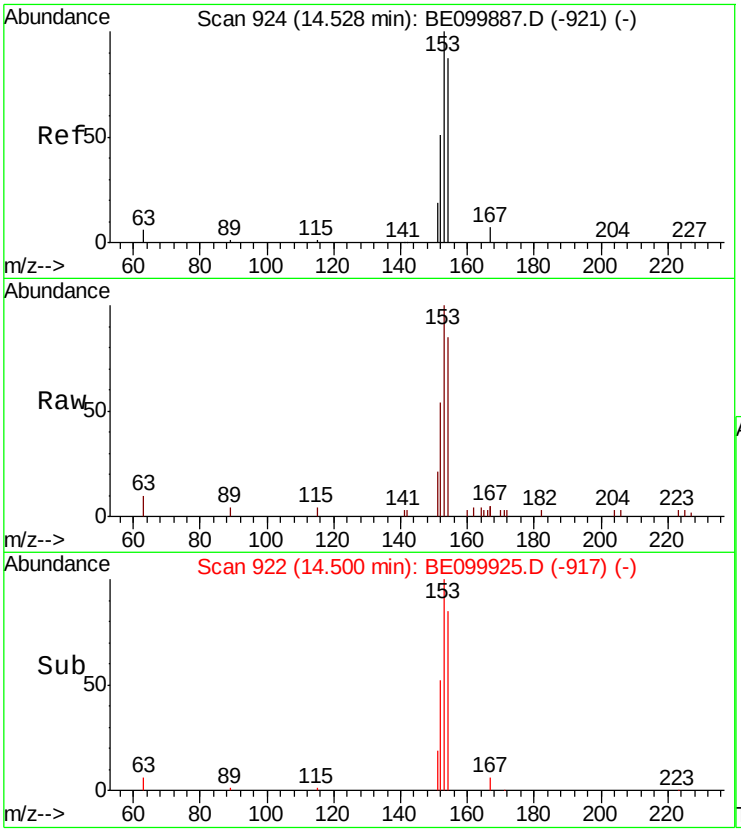


#16
Acenaphthylene
Concen: 0.387 ng
RT: 14.17 min Scan# 899
Delta R.T. -0.03 min
Lab File: BE099925.D
Acq: 11 Jun 2019 15:43

Tgt Ion:152 Resp: 4270

Ion	Ratio	Lower	Upper
152	100		
151	20.3	15.5	23.3
153	13.0	10.2	15.2



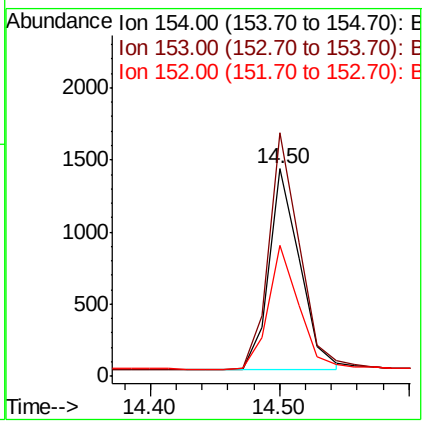


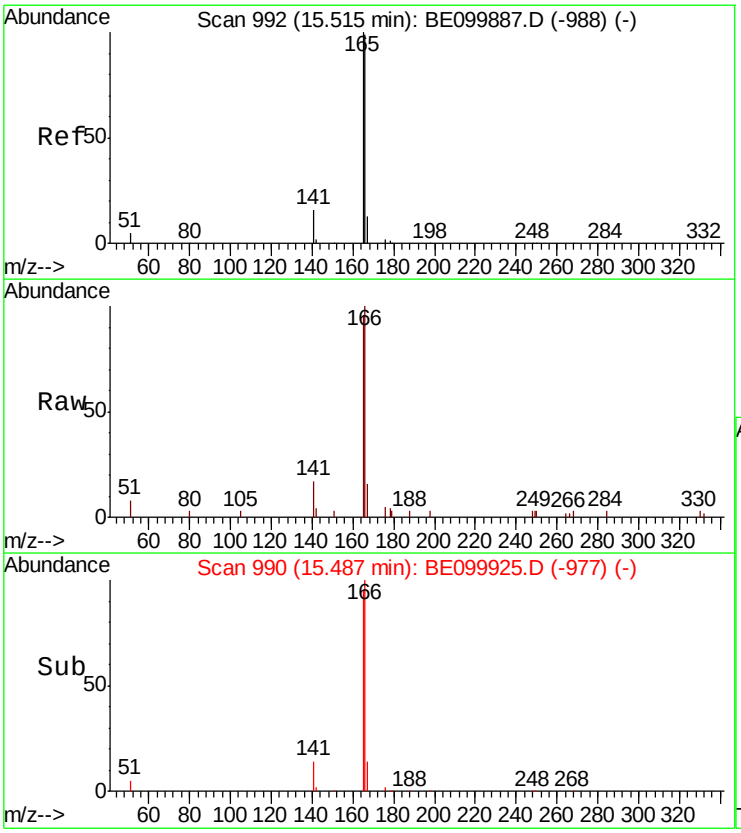
#17
Acenaphthene
Concen: 0.383 ng
RT: 14.50 min Scan# 922
Delta R.T. -0.03 min
Lab File: BE099925.D
Acq: 11 Jun 2019 15:43

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:154 Resp: 2298

Ion	Ratio	Lower	Upper
154	100		
153	117.6	93.1	139.7
152	62.0	47.0	70.4

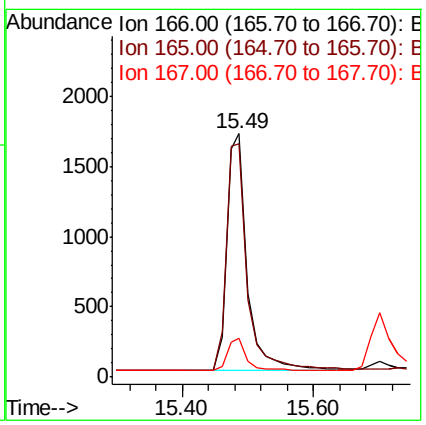


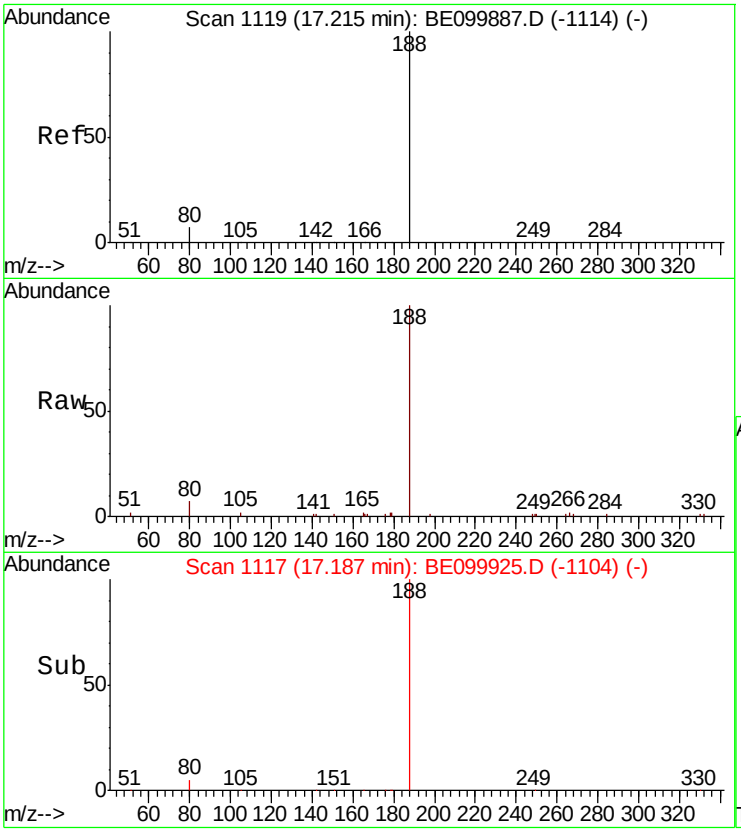


#18
Fluorene
Concen: 0.409 ng
RT: 15.49 min Scan# 990
Delta R.T. -0.03 min
Lab File: BE099925.D
Acq: 11 Jun 2019 15:43

Tgt Ion:166 Resp: 3685

Ion	Ratio	Lower	Upper
166	100		
165	98.7	81.8	122.8
167	13.2	11.2	16.8



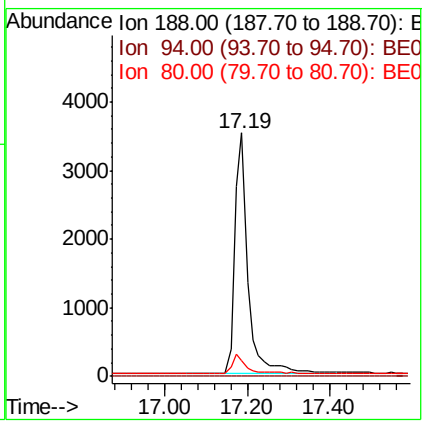


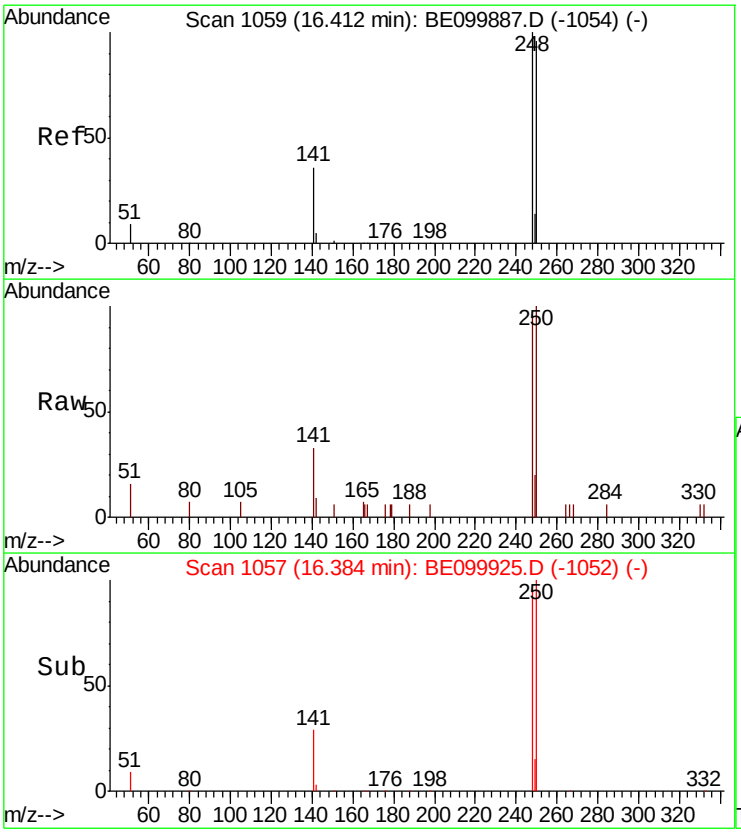
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.19 min Scan# 1117
Delta R.T. -0.03 min
Lab File: BE099925.D
Acq: 11 Jun 2019 15:43

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:188 Resp: 7656

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	6.7	6.4	9.6

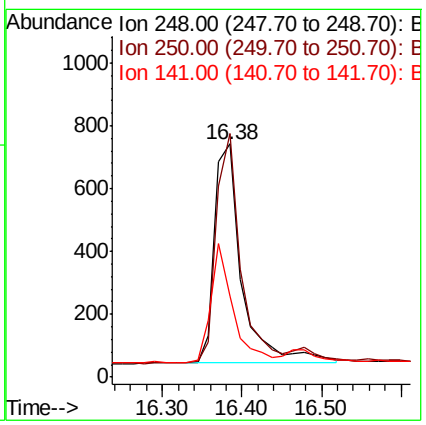


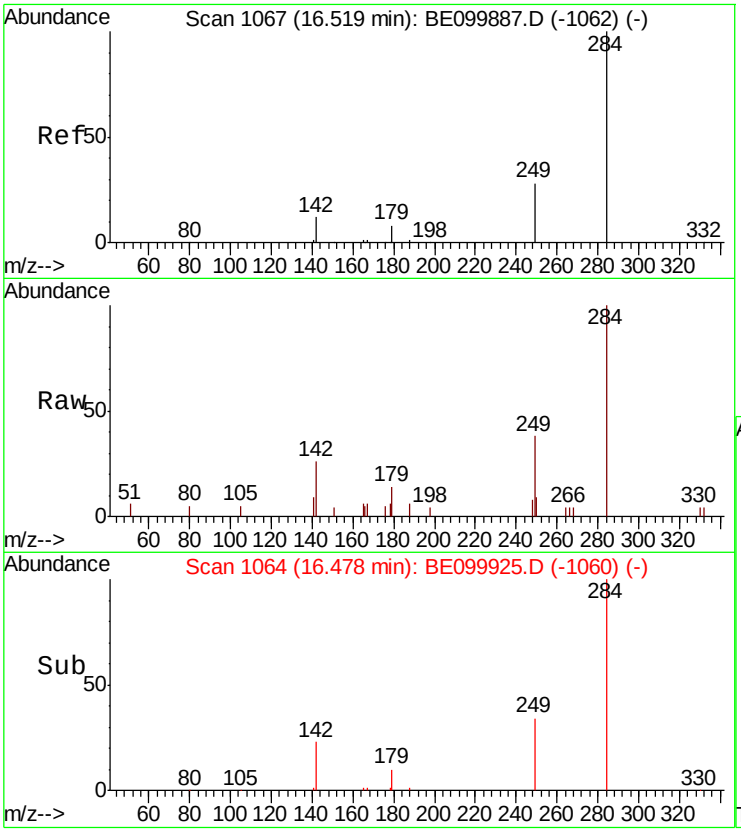


#20
4-Bromophenyl-phenylether
Concen: 0.384 ng
RT: 16.38 min Scan# 1057
Delta R.T. -0.03 min
Lab File: BE099925.D
Acq: 11 Jun 2019 15:43

Tgt Ion:248 Resp: 1664

Ion	Ratio	Lower	Upper
248	100		
250	104.6	77.5	116.3
141	34.8	31.8	47.8



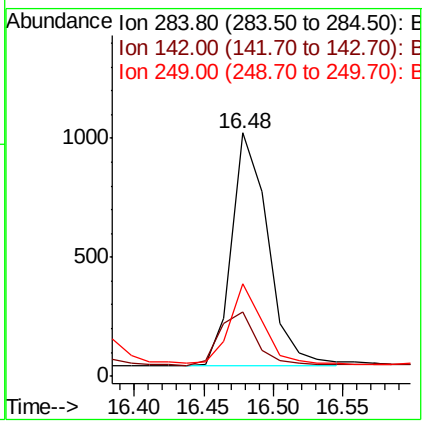


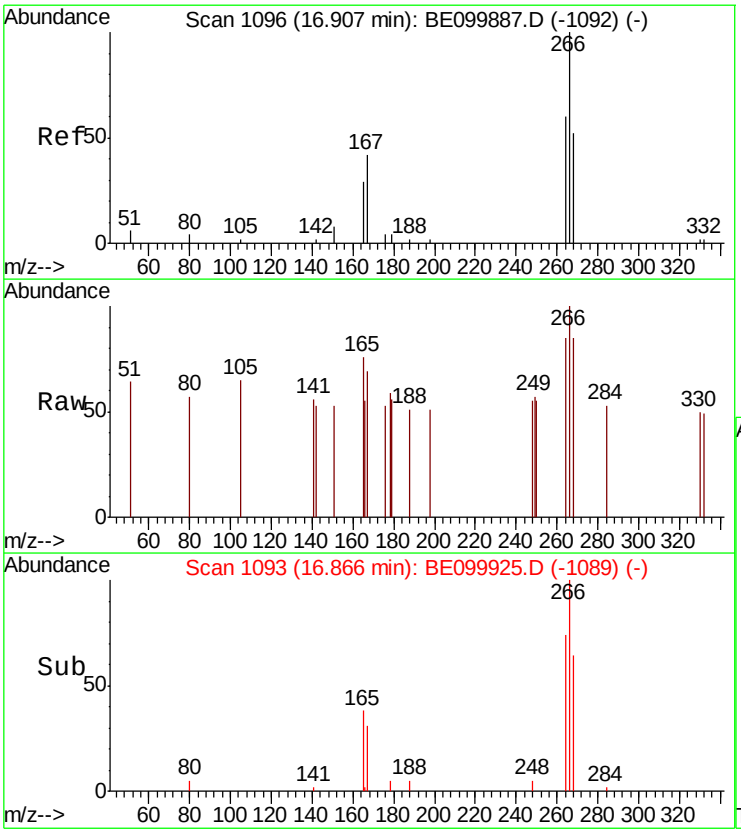
#21
Hexachlorobenzene
Concen: 0.395 ng
RT: 16.48 min Scan# 1064
Delta R.T. -0.04 min
Lab File: BE099925.D
Acq: 11 Jun 2019 15:43

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:284 Resp: 1753

Ion	Ratio	Lower	Upper
284	100		
142	23.6	18.2	27.4
249	30.2	24.6	37.0

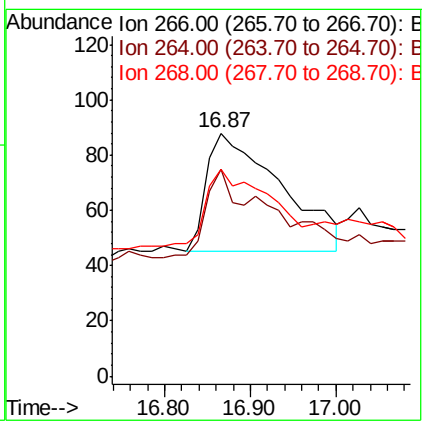


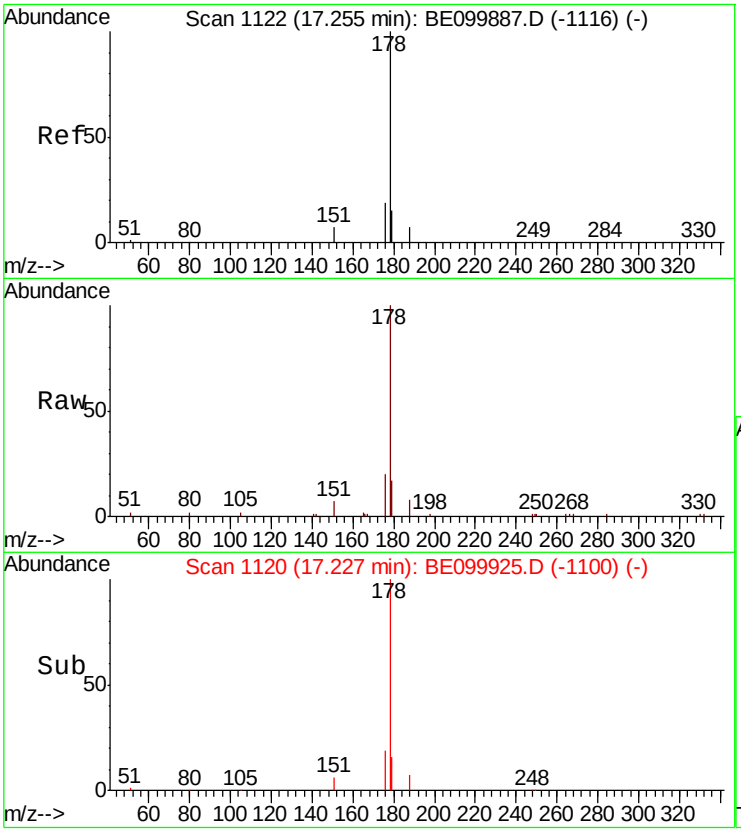


#22
Pentachlorophenol
Concen: 0.421 ng
RT: 16.87 min Scan# 1093
Delta R.T. -0.04 min
Lab File: BE099925.D
Acq: 11 Jun 2019 15:43

Tgt Ion:266 Resp: 259

Ion	Ratio	Lower	Upper
266	100		
264	85.2	62.2	93.2
268	85.2	65.5	98.3



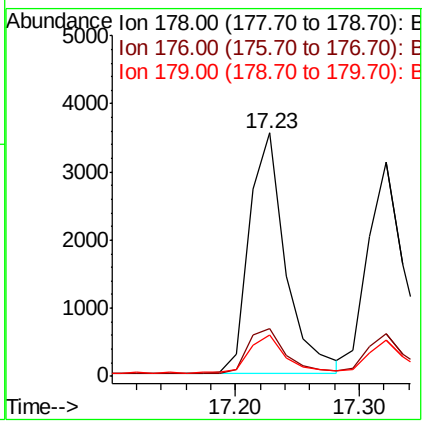


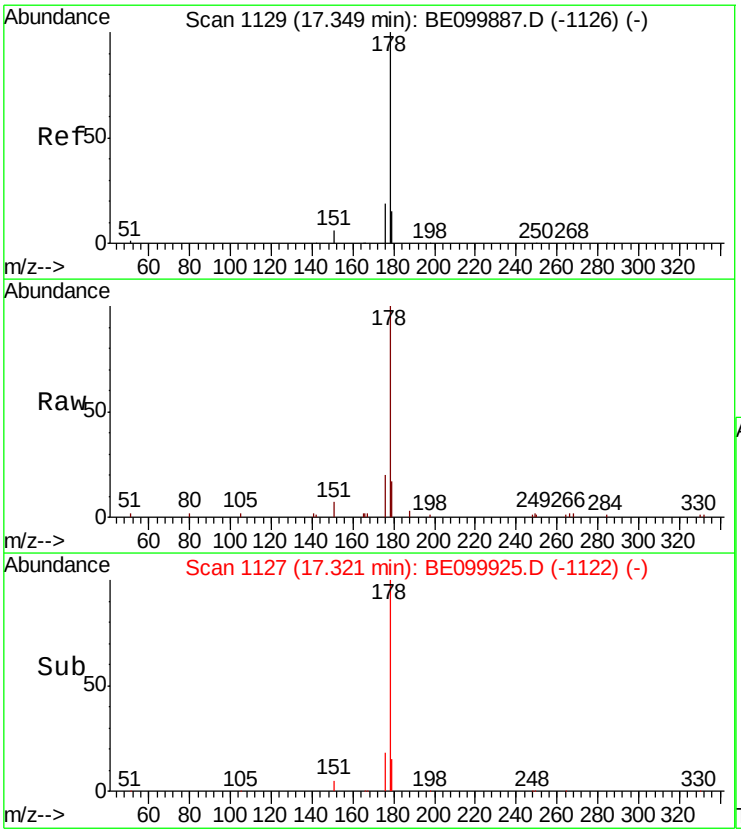
#23
Phenanthrene
Concen: 0.384 ng
RT: 17.23 min Scan# 1120
Delta R.T. -0.03 min
Lab File: BE099925.D
Acq: 11 Jun 2019 15:43

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:178 Resp: 7143

Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.8	23.8
179	15.4	12.4	18.6

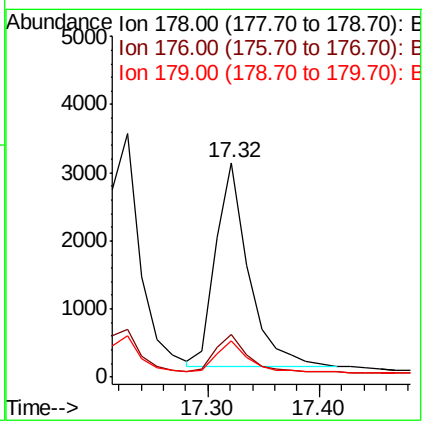


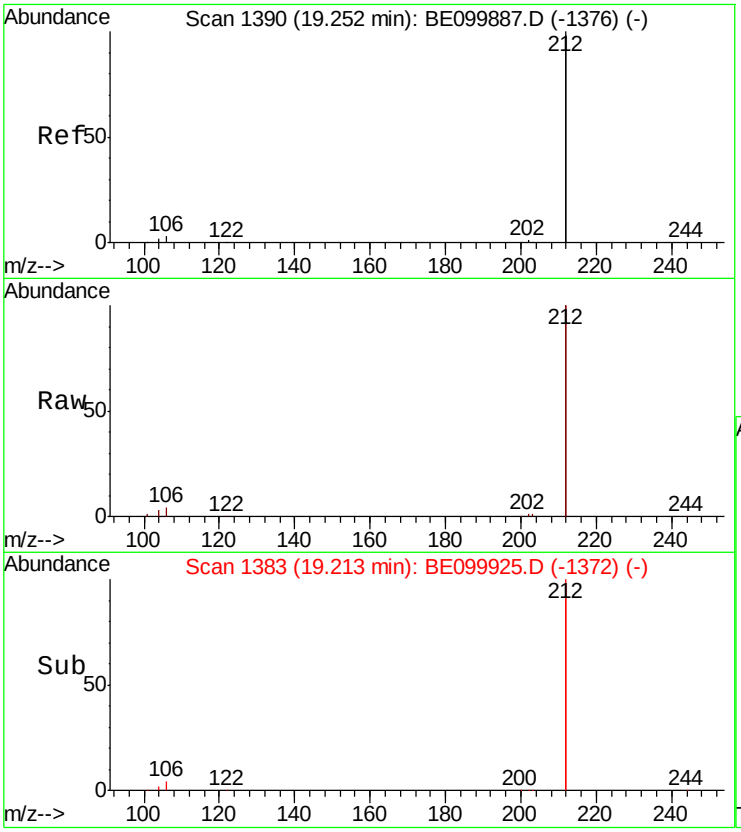


#24
Anthracene
Concen: 0.363 ng
RT: 17.32 min Scan# 1127
Delta R.T. -0.03 min
Lab File: BE099925.D
Acq: 11 Jun 2019 15:43

Tgt Ion:178 Resp: 6177

Ion	Ratio	Lower	Upper
178	100		
176	18.2	14.6	22.0
179	14.2	12.3	18.5



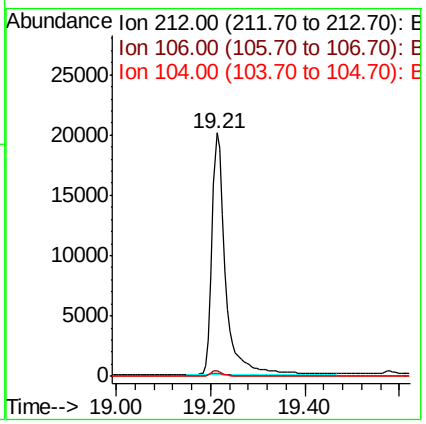


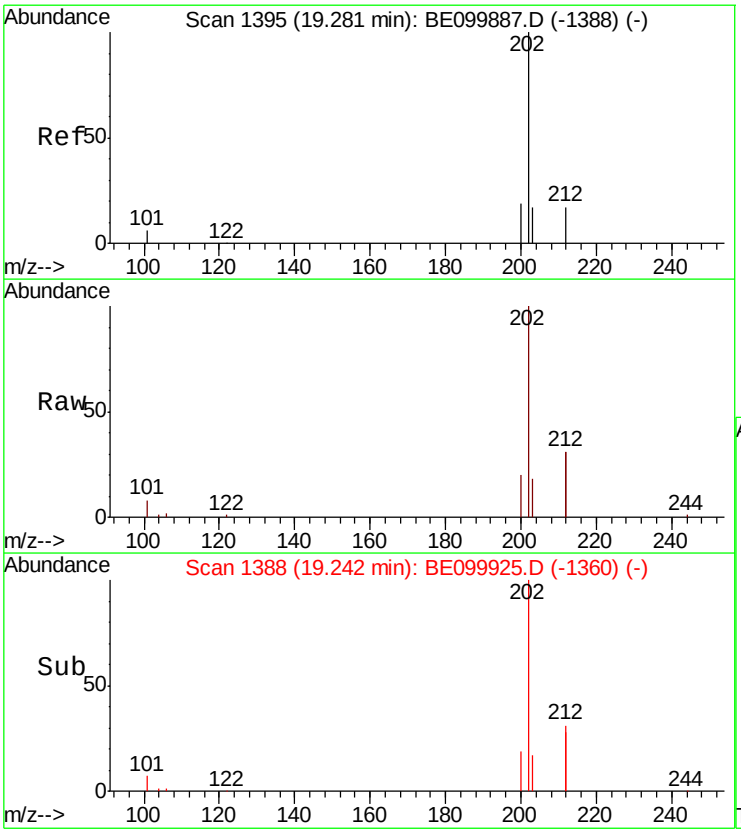
#25
Fluoranthene-d10
Concen: 0.349 ng
RT: 19.21 min Scan# 1383
Delta R.T. -0.04 min
Lab File: BE099925.D
Acq: 11 Jun 2019 15:43

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:212 Resp: 38946

Ion	Ratio	Lower	Upper
212	100		
106	1.8	1.4	2.2
104	1.1	0.9	1.3

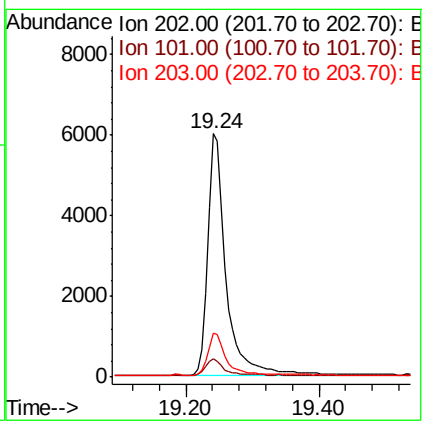


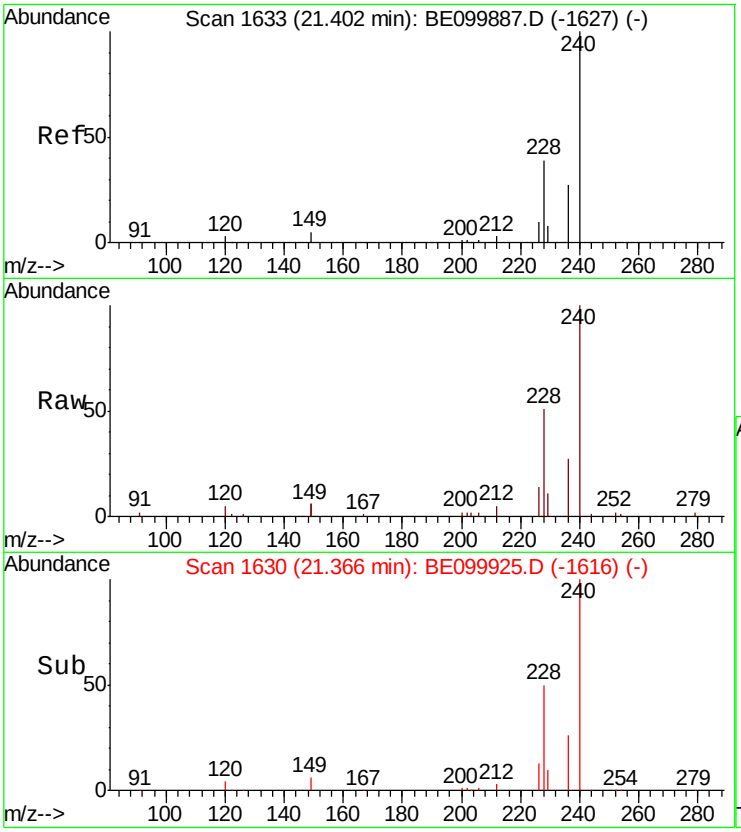


#26
Fluoranthene
Concen: 0.356 ng
RT: 19.24 min Scan# 1388
Delta R.T. -0.04 min
Lab File: BE099925.D
Acq: 11 Jun 2019 15:43

Tgt Ion:202 Resp: 11240

Ion	Ratio	Lower	Upper
202	100		
101	6.7	5.4	8.0
203	16.7	13.2	19.8



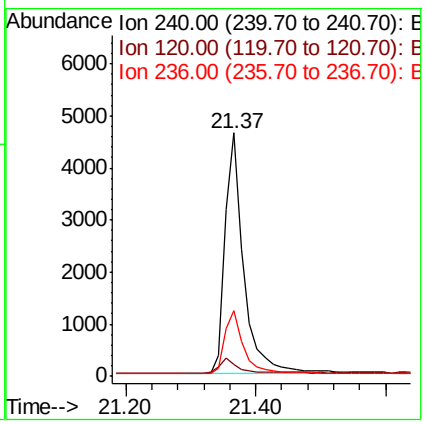


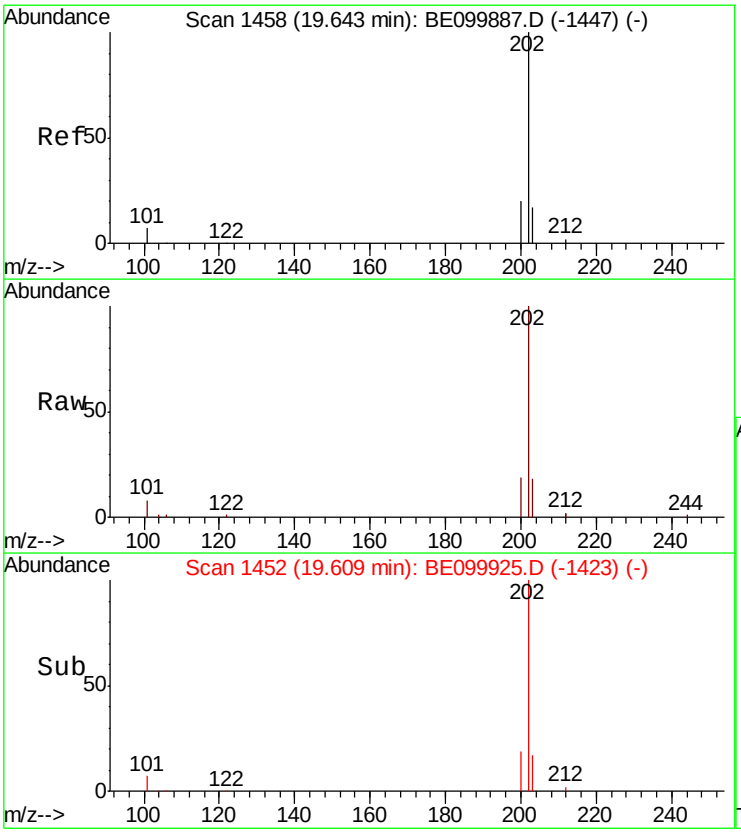
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.37 min Scan# 1630
Delta R.T. -0.04 min
Lab File: BE099925.D
Acq: 11 Jun 2019 15:43

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:240 Resp: 9485

Ion	Ratio	Lower	Upper
240	100		
120	5.1	3.8	5.6
236	27.1	22.0	33.0

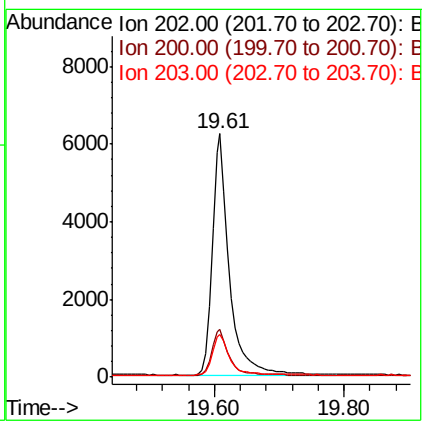


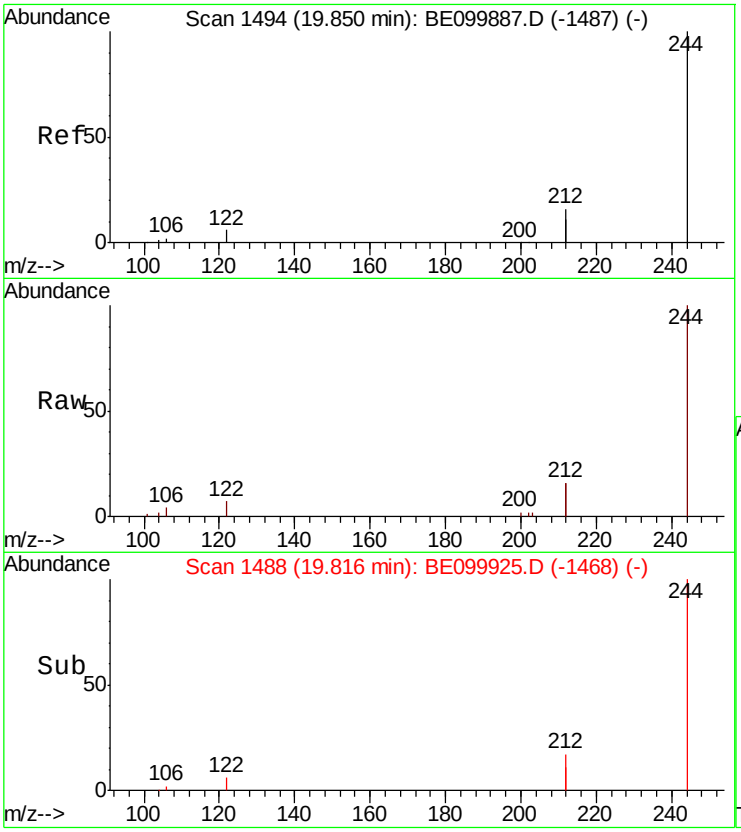


#28
Pyrene
Concen: 0.461 ng
RT: 19.61 min Scan# 1452
Delta R.T. -0.03 min
Lab File: BE099925.D
Acq: 11 Jun 2019 15:43

Tgt Ion:202 Resp: 11488

Ion	Ratio	Lower	Upper
202	100		
200	19.1	15.5	23.3
203	17.6	14.0	21.0



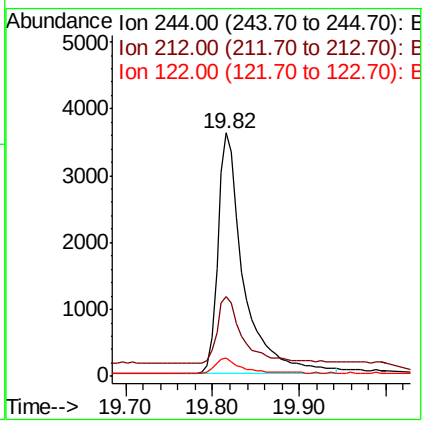


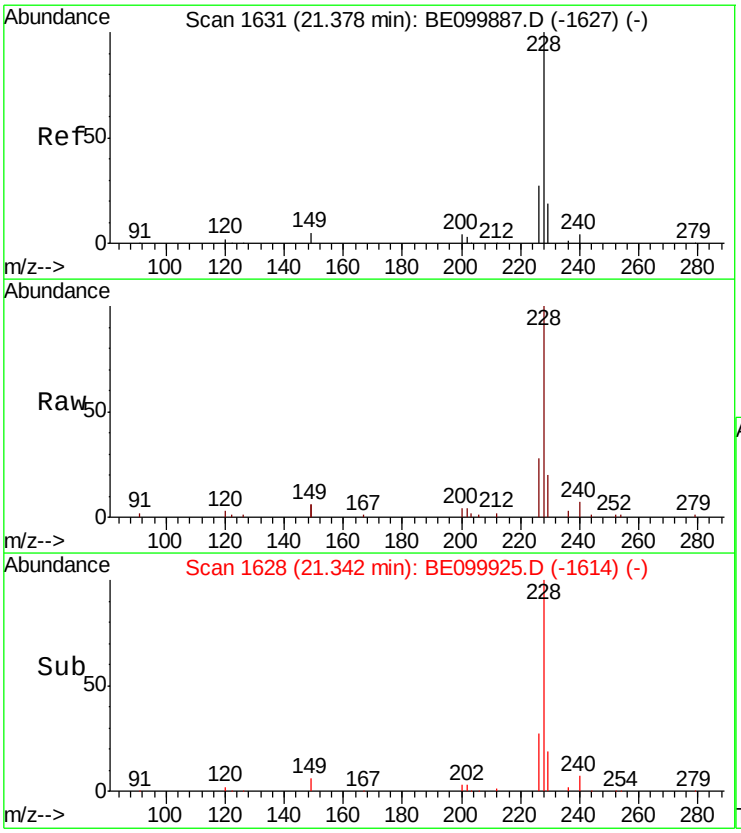
#29
Terphenyl-d14
Concen: 0.435 ng
RT: 19.82 min Scan# 1488
Delta R.T. -0.03 min
Lab File: BE099925.D
Acq: 11 Jun 2019 15:43

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:244 Resp: 7434

Ion	Ratio	Lower	Upper
244	100		
212	32.7	25.7	38.5
122	7.5	5.5	8.3

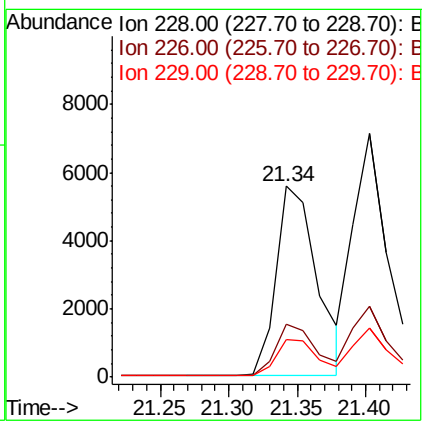


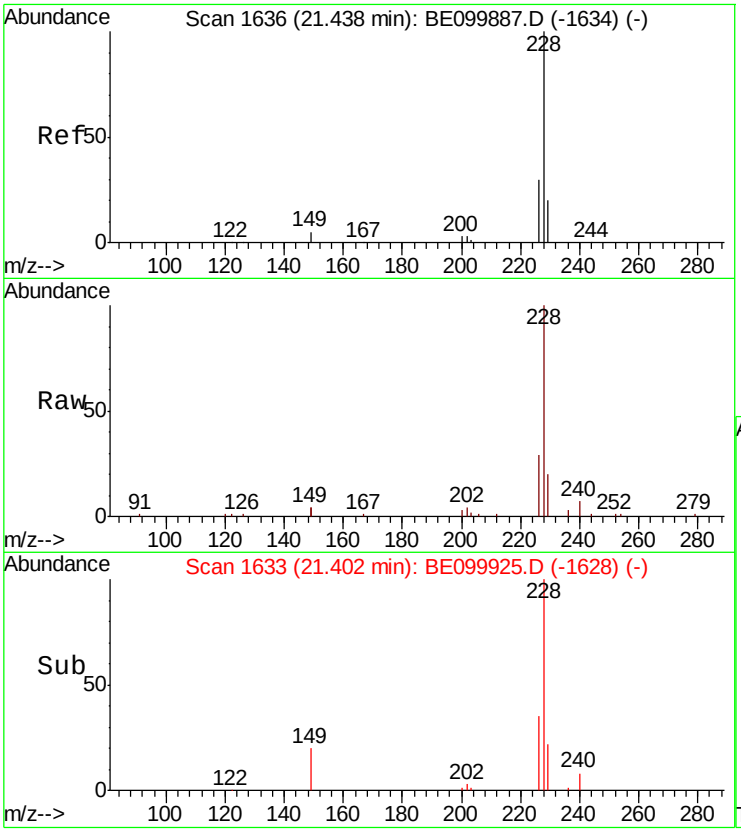


#30
Benzo(a)anthracene
Concen: 0.406 ng
RT: 21.34 min Scan# 1628
Delta R.T. -0.04 min
Lab File: BE099925.D
Acq: 11 Jun 2019 15:43

Tgt Ion:228 Resp: 11516

Ion	Ratio	Lower	Upper
228	100		
226	27.8	22.5	33.7
229	19.5	15.9	23.9



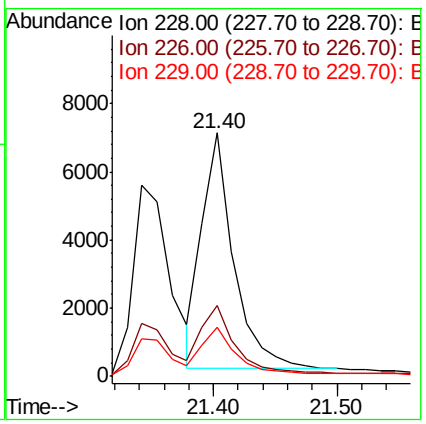


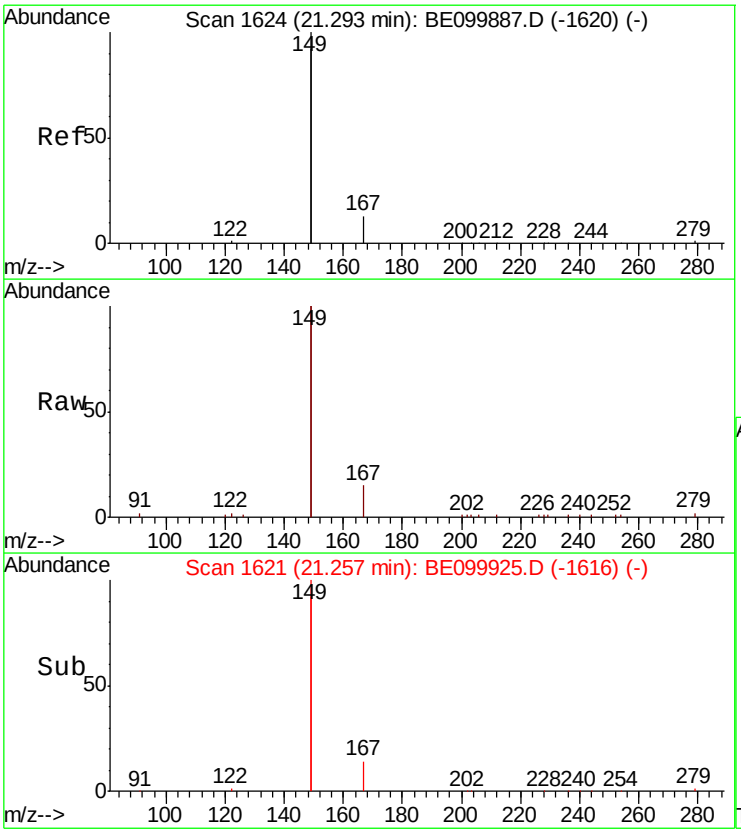
#31
Chrysene
Concen: 0.427 ng
RT: 21.40 min Scan# 1633
Delta R.T. -0.04 min
Lab File: BE099925.D
Acq: 11 Jun 2019 15:43

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:228 Resp: 12526

Ion	Ratio	Lower	Upper
228	100		
226	29.2	24.1	36.1
229	20.0	16.1	24.1

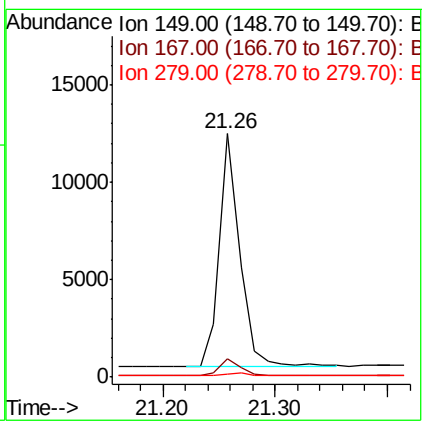


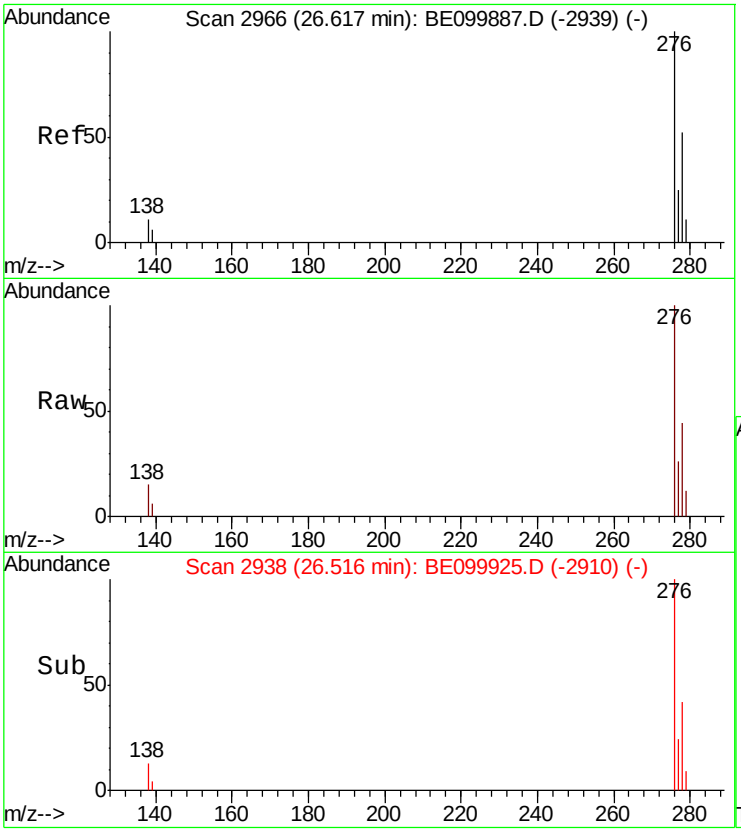


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.376 ng
RT: 21.26 min Scan# 1621
Delta R.T. -0.04 min
Lab File: BE099925.D
Acq: 11 Jun 2019 15:43

Tgt Ion:149 Resp: 15286

Ion	Ratio	Lower	Upper
149	100		
167	7.4	5.9	8.9
279	1.5	1.2	1.8



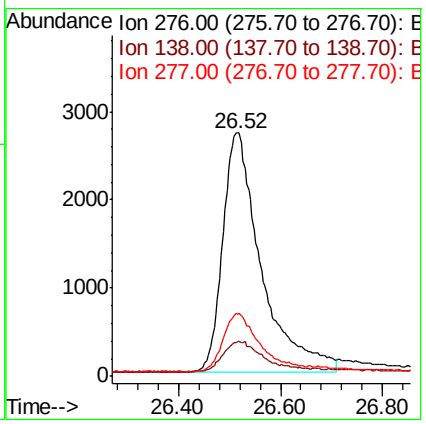


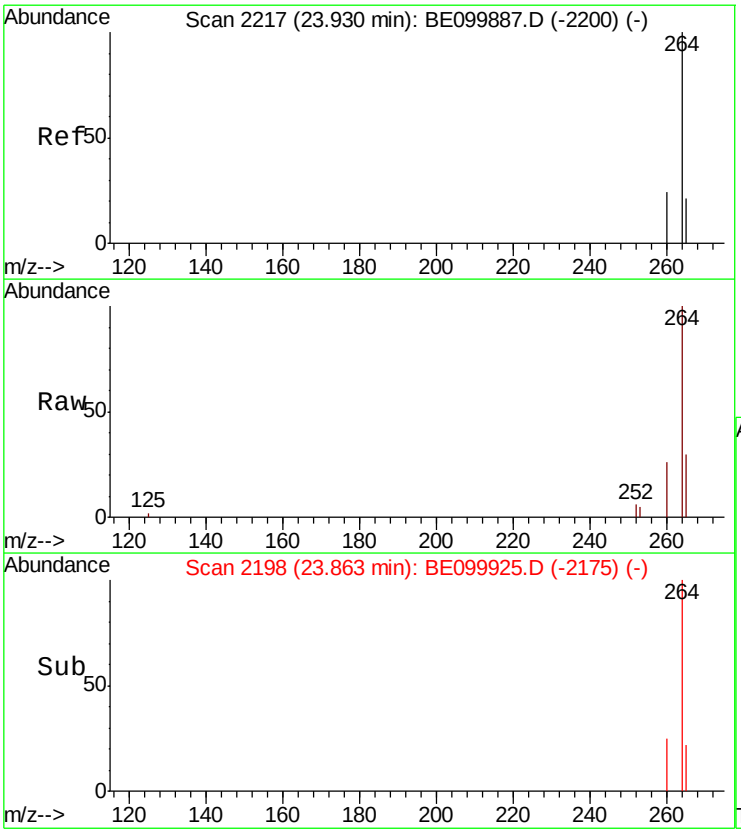
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.411 ng
RT: 26.52 min Scan# 2938
Delta R.T. -0.10 min
Lab File: BE099925.D
Acq: 11 Jun 2019 15:43

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:276 Resp: 14273

Ion	Ratio	Lower	Upper
276	100		
138	13.6	10.1	15.1
277	23.4	19.1	28.7

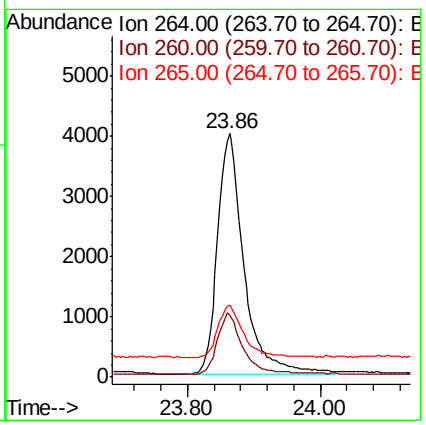


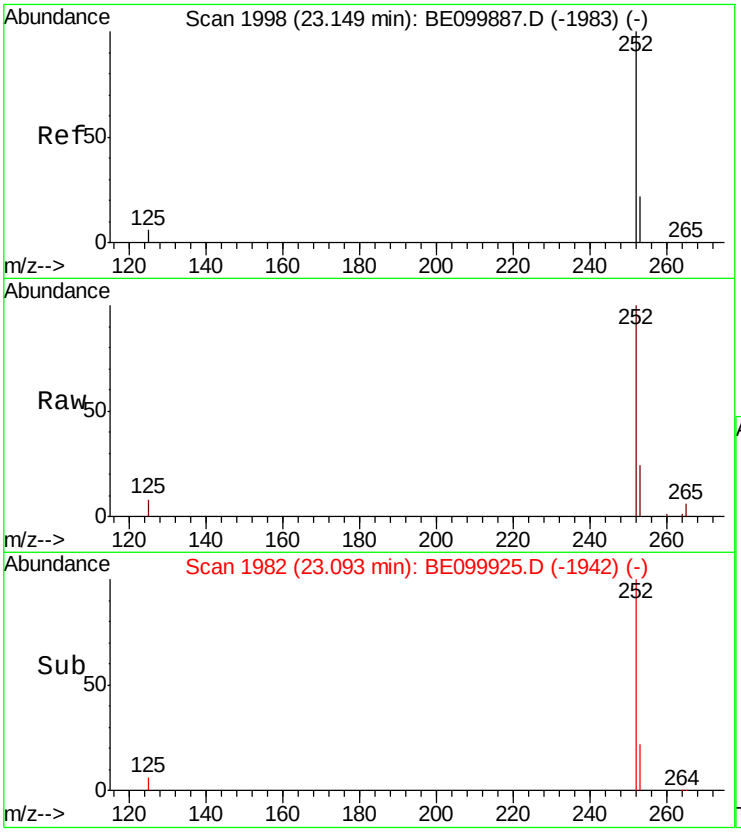


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.86 min Scan# 2198
Delta R.T. -0.07 min
Lab File: BE099925.D
Acq: 11 Jun 2019 15:43

Tgt Ion:264 Resp: 10978

Ion	Ratio	Lower	Upper
264	100		
260	25.6	20.2	30.2
265	29.6	22.0	33.0



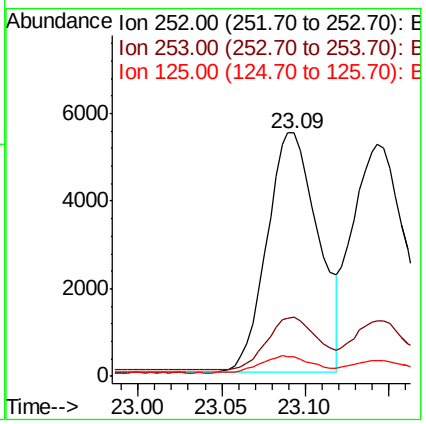


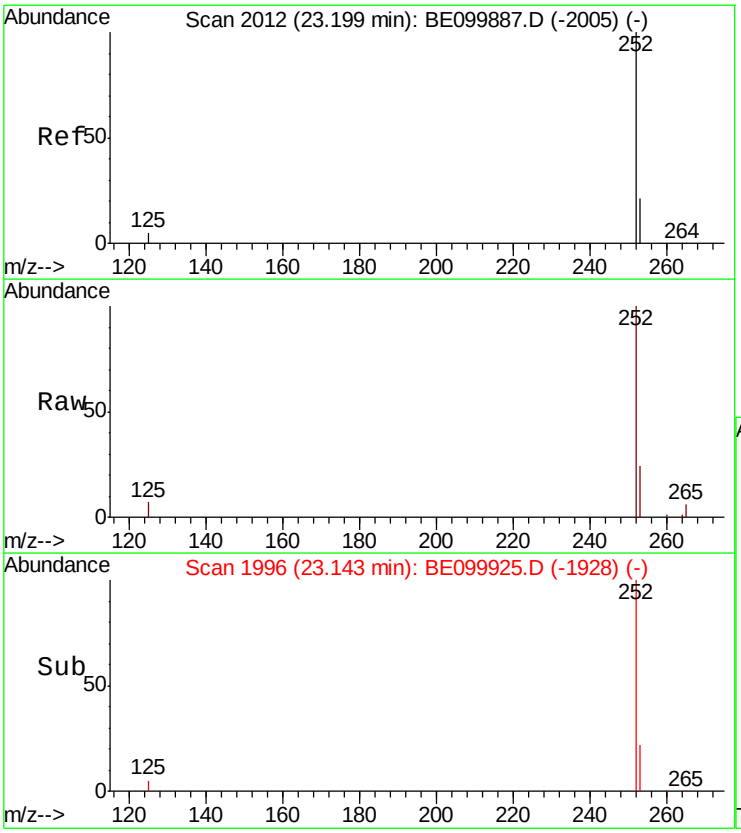
#35
Benzo(b)fluoranthene
Concen: 0.381 ng
RT: 23.09 min Scan# 1982
Delta R.T. -0.06 min
Lab File: BE099925.D
Acq: 11 Jun 2019 15:43

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:252 Resp: 11720

Ion	Ratio	Lower	Upper
252	100		
253	24.3	18.7	28.1
125	7.8	5.7	8.5

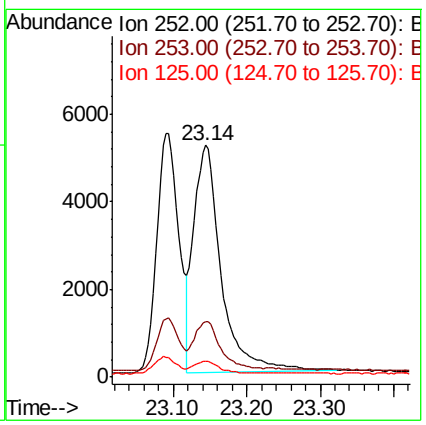


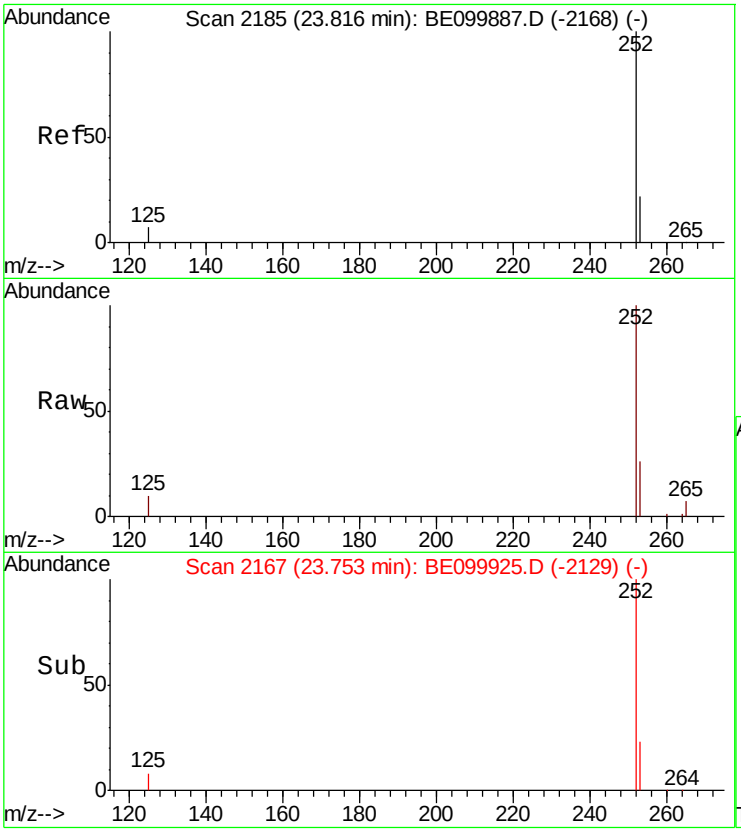


#36
Benzo(k)fluoranthene
Concen: 0.413 ng
RT: 23.14 min Scan# 1996
Delta R.T. -0.06 min
Lab File: BE099925.D
Acq: 11 Jun 2019 15:43

Tgt Ion:252 Resp: 13281

Ion	Ratio	Lower	Upper
252	100		
253	24.1	18.6	28.0
125	6.7	5.4	8.0



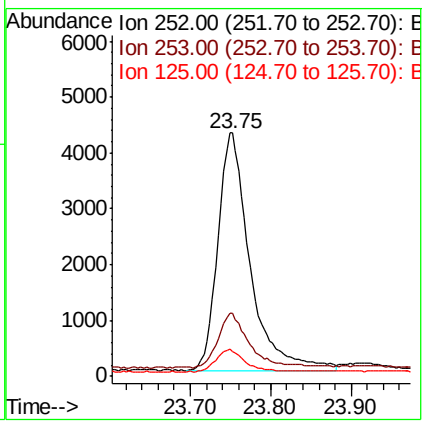


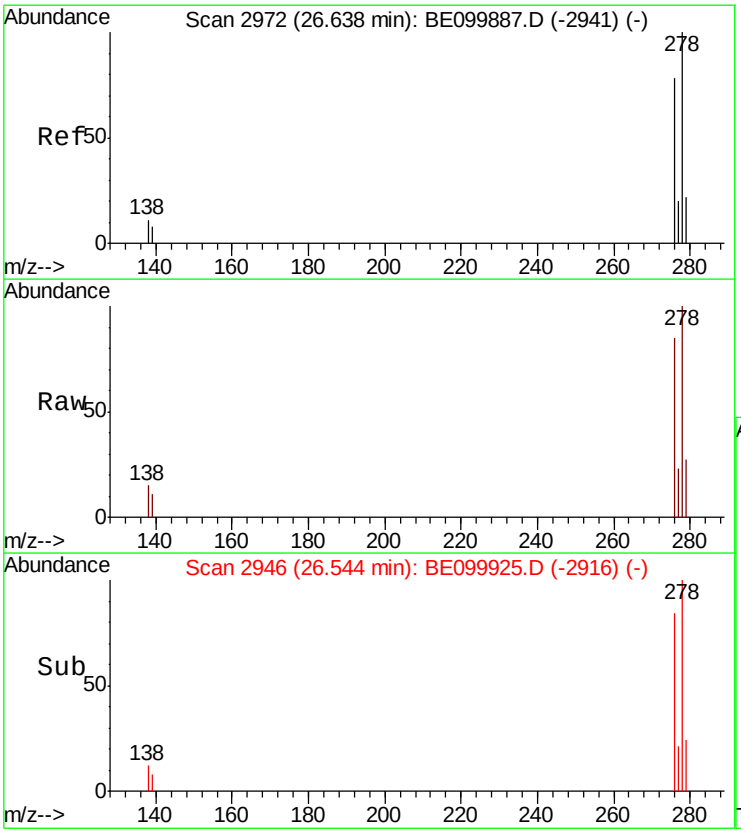
#37
Benzo(a)pyrene
Concen: 0.391 ng
RT: 23.75 min Scan# 2167
Delta R.T. -0.06 min
Lab File: BE099925.D
Acq: 11 Jun 2019 15:43

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:252 Resp: 11857

Ion	Ratio	Lower	Upper
252	100		
253	26.0	19.6	29.4
125	10.0	6.6	10.0#

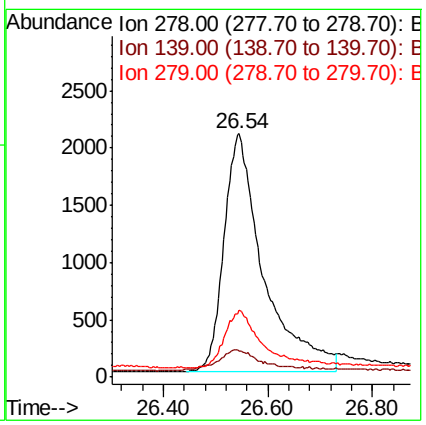


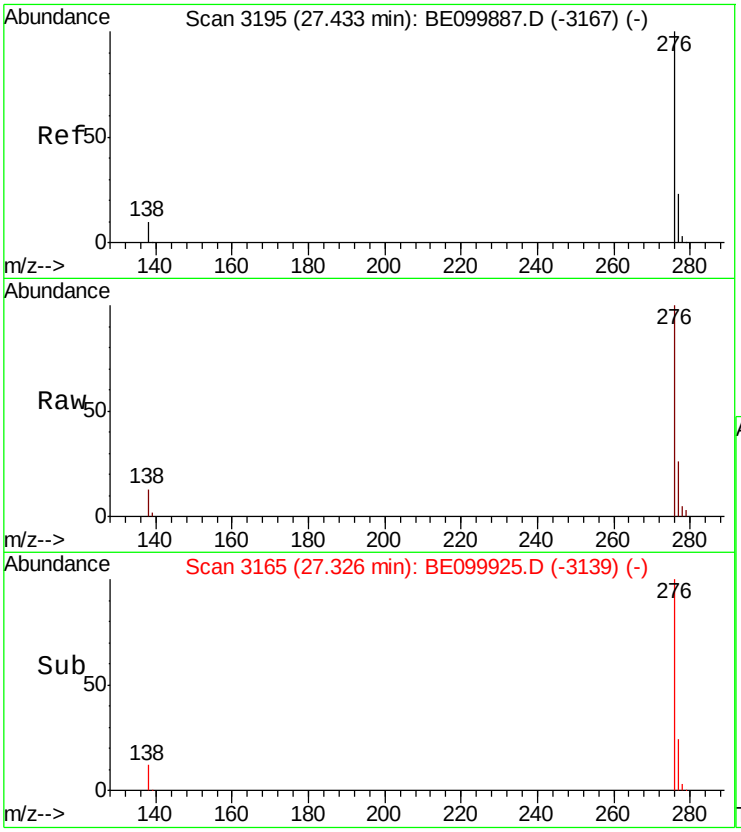


#38
Dibenzo(a,h)anthracene
Concen: 0.357 ng
RT: 26.54 min Scan# 2946
Delta R.T. -0.09 min
Lab File: BE099925.D
Acq: 11 Jun 2019 15:43

Tgt Ion:278 Resp: 10887

Ion	Ratio	Lower	Upper
278	100		
139	10.8	7.8	11.8
279	27.3	20.0	30.0





#39
Benzo(g,h,i)perylene
Concen: 0.395 ng
RT: 27.33 min Scan# 3165
Delta R.T. -0.11 min
Lab File: BE099925.D
Acq: 11 Jun 2019 15:43

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:276 Resp: 12463

Ion	Ratio	Lower	Upper
276	100		
277	25.6	19.5	29.3
138	13.5	9.5	14.3