Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE061319\
Data File : BE099979.D
Acq On : 13 Jun 2019 8:45
Operator : JU/SJ
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDCCC0.4

Quant Time: Jun 14 03:22:15 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	7.79	152	631	0.40	ng	0.00
7) Naphthalene-d8	10.60	136	2430	0.40	ng	0.00
13) Acenaphthene-d10	14.47	164	1923	0.40	ng	0.00
19) Phenanthrene-d10	17.22	188	6795	0.40	ng	0.00
27) Chrysene-d12	21.40	240	8759	0.40	ng	0.00
34) Perylene-d12	23.92	264	10120	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.35	112	649	0.38	ng	0.00
5) Phenol-d6	6.96	99	779	0.36	ng	0.00
8) Nitrobenzene-d5	8.98	82	847	0.37	ng	0.01
11) 2-Methylnaphthalene-d10	12.21	152	1820	0.43	ng	0.00
14) 2,4,6-Tribromophenol	15.97	330	447	0.31	ng	0.00
15) 2-Fluorobiphenyl	13.10	172	2911	0.40	ng	0.00
25) Fluoranthene-d10	19.25	212	37241	0.38	ng	0.00
29) Terphenyl-d14	19.86	244	7038	0.45	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.27	88	350	0.375	ng	# 94
3) n-Nitrosodimethylamine	3.64	42	72	0.134	ng	# 100
6) bis(2-Chloroethyl)ether	7.23	93	736	0.411	ng	# 70
9) Naphthalene	10.65	128	11057	0.422	ng	100
10) Hexachlorobutadiene	10.91	225	905	0.452	ng	100
12) 2-Methylnaphthalene	12.28	142	1724	0.405	ng	98
16) Acenaphthylene	14.18	152	4002	0.418	ng	100
17) Acenaphthene	14.53	154	2148	0.412	ng	97
18) Fluorene	15.51	166	3299	0.422	ng	100
20) 4-Bromophenyl-phenylether	16.41	248	1504	0.391	ng	99
21) Hexachlorobenzene	16.51	284	1605	0.408	ng	100
22) Pentachlorophenol	16.91	266	289	0.452	ng	89
23) Phenanthrene	17.26	178	6555	0.398	ng	100
24) Anthracene	17.35	178	5441	0.360	ng	100
26) Fluoranthene	19.28	202	10883	0.388	ng	99
28) Pyrene	19.64	202	11068	0.481	ng	100
30) Benzo(a)anthracene	21.38	228	11386	0.435	ng	99
31) Chrysene	21.44	228	12605	0.466	ng	100
32) Bis(2-ethylhexyl)phthalate	21.29	149	12406	0.330	ng	100
33) Indeno(1,2,3-cd)pyrene	26.61	276	14321	0.446	ng	99
35) Benzo(b)fluoranthene	23.15	252	11414	0.402	ng	98
36) Benzo(k)fluoranthene	23.20	252	12072	0.407	ng	98
37) Benzo(a)pyrene	23.82	252	11436	0.409	ng	99
38) Dibenzo(a,h)anthracene	26.64	278	10940	0.389	ng	97
39) Benzo(g,h,i)perylene	27.43	276	12359	0.425	ng	98

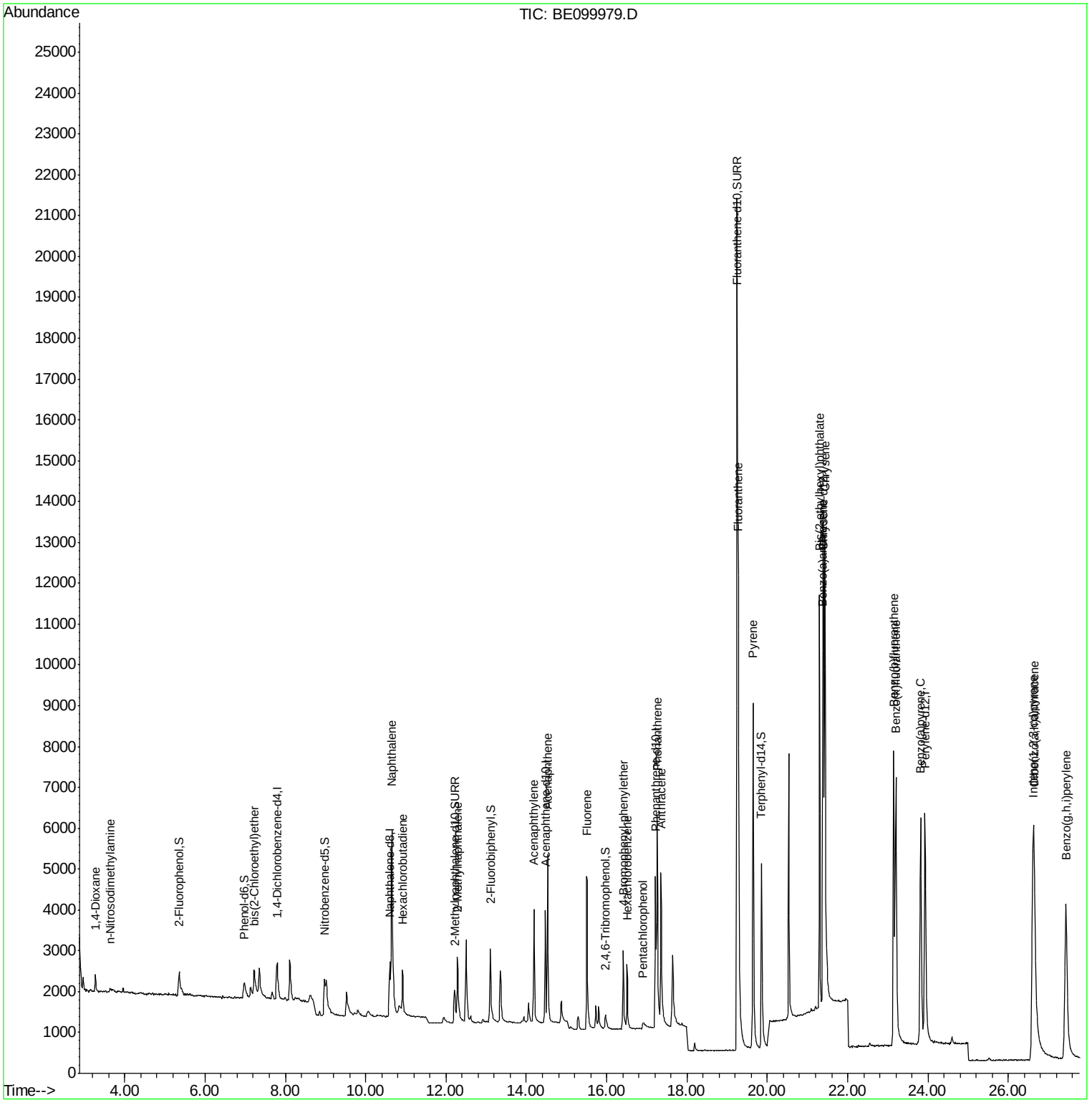
(#) = qualifier out of range (m) = manual integration (+) = signals summed

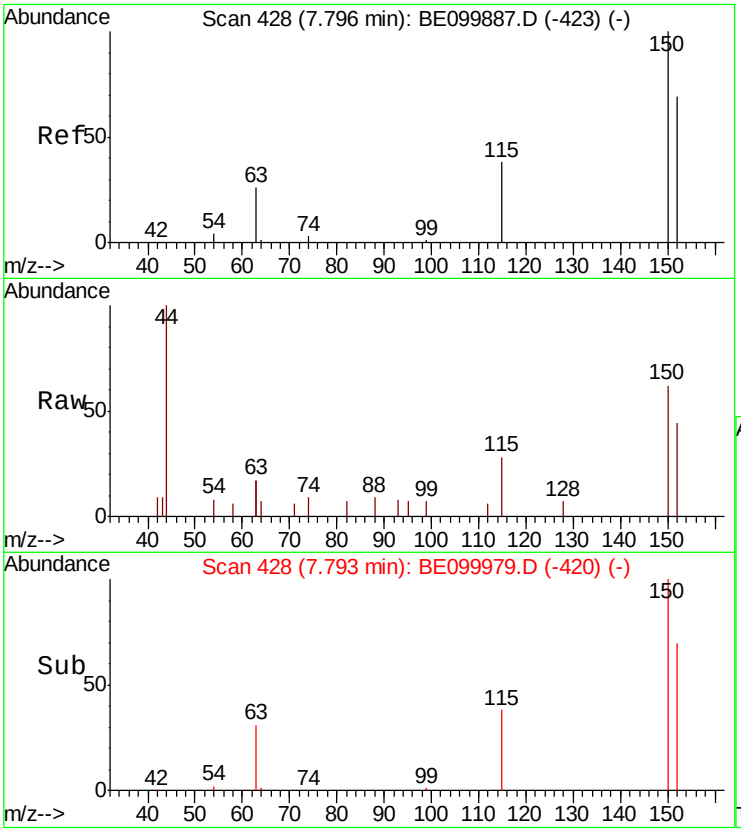
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE061319\
Data File : BE099979.D
Acq On : 13 Jun 2019 8:45
Operator : JU/SJ
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Quant Time: Jun 14 03:22:15 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



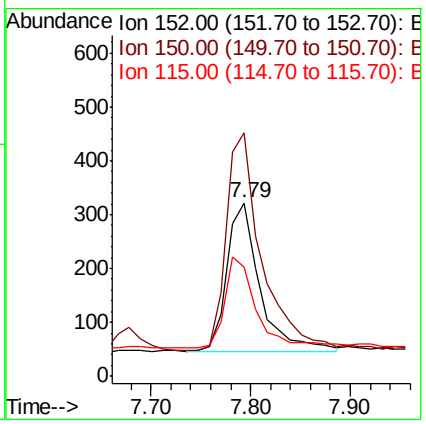


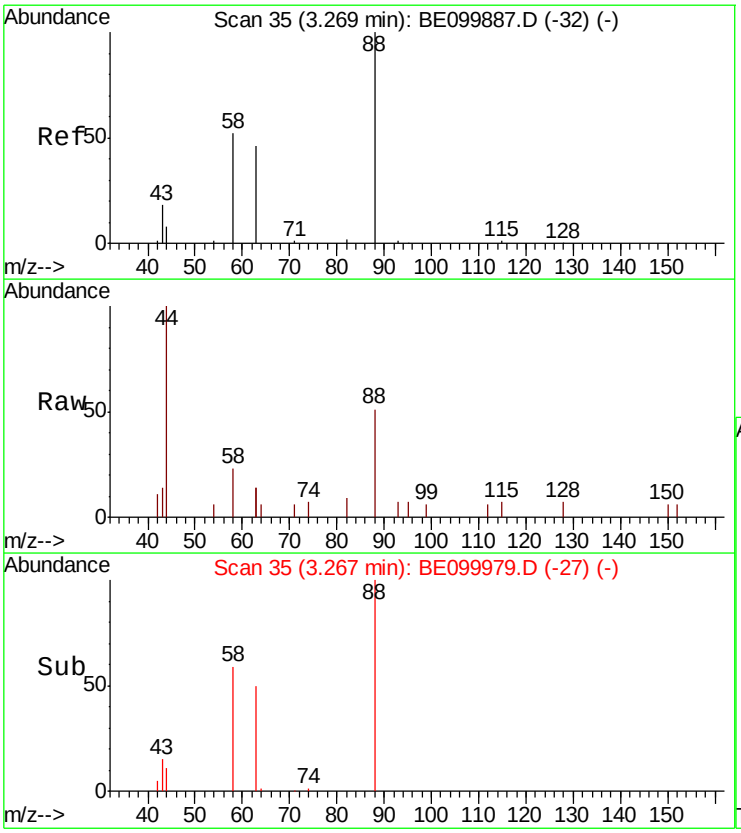
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.79 min Scan# 428
Delta R.T. -0.00 min
Lab File: BE099979.D
Acq: 13 Jun 2019 8:45

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:152 Resp: 631

Ion	Ratio	Lower	Upper
152	100		
150	140.4	111.0	166.6
115	63.0	50.7	76.1

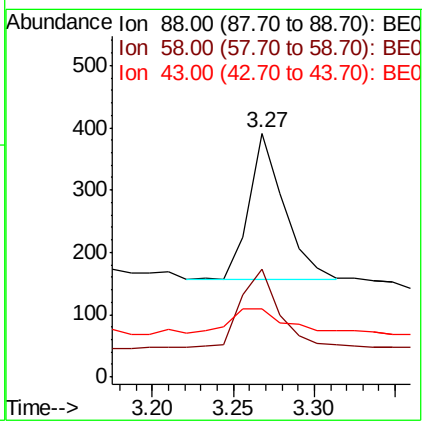


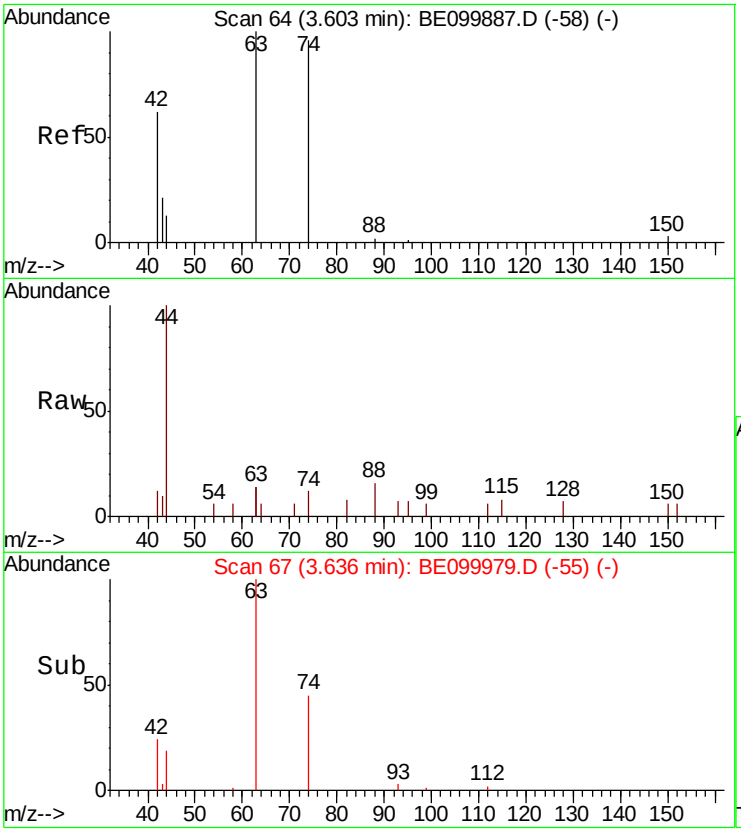


#2
1,4-Dioxane
Concen: 0.375 ng
RT: 3.27 min Scan# 35
Delta R.T. -0.00 min
Lab File: BE099979.D
Acq: 13 Jun 2019 8:45

Tgt Ion: 88 Resp: 350

Ion	Ratio	Lower	Upper
88	100		
58	62.3	48.8	73.2
43	31.7	19.0	28.6#



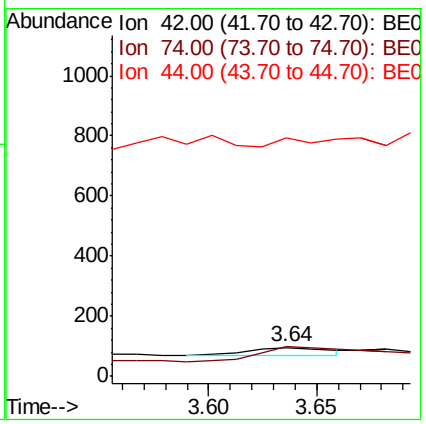


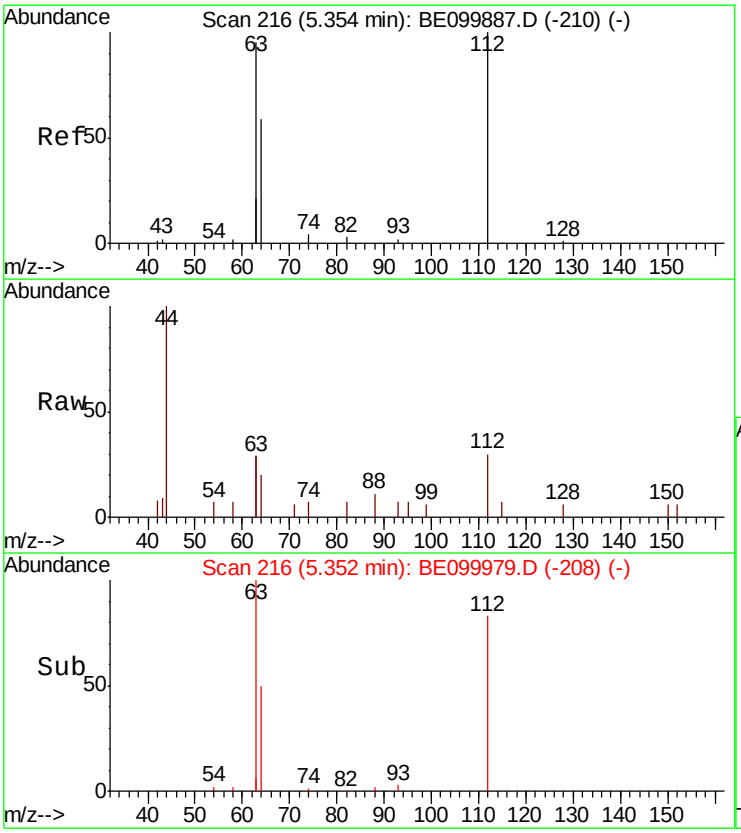
#3
n-Nitrosodimethylamine
Concen: 0.134 ng
RT: 3.64 min Scan# 67
Delta R.T. 0.03 min
Lab File: BE099979.D
Acq: 13 Jun 2019 8:45

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 42 Resp: 72

Ion	Ratio	Lower	Upper
42	100		
74	162.5	0.0	0.0#
44	0.0	0.0	0.0

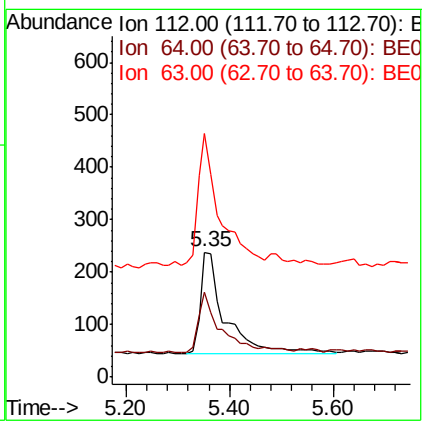


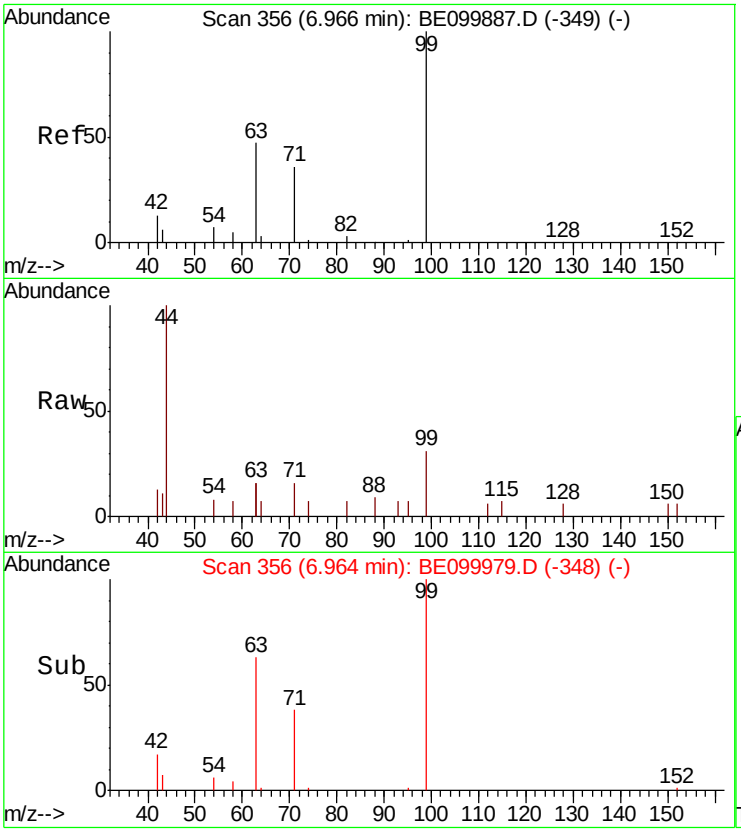


#4
2-Fluorophenol
Concen: 0.381 ng
RT: 5.35 min Scan# 216
Delta R.T. -0.00 min
Lab File: BE099979.D
Acq: 13 Jun 2019 8:45

Tgt Ion:112 Resp: 649

Ion	Ratio	Lower	Upper
112	100		
64	52.5	44.1	66.1
63	113.9	87.8	131.6



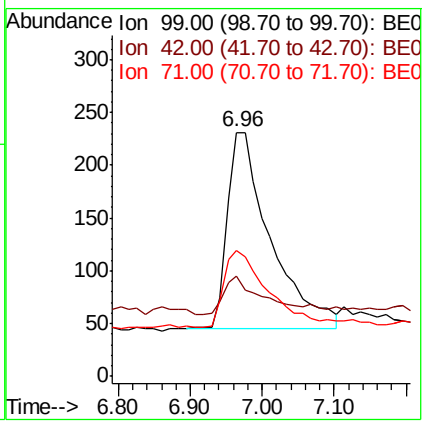


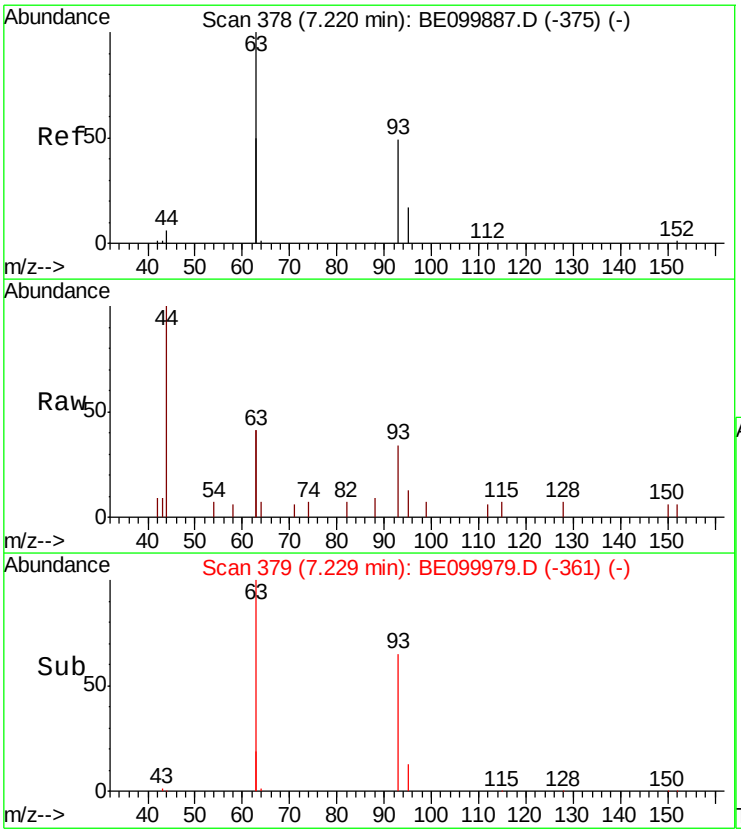
#5
Phenol-d6
Concen: 0.355 ng
RT: 6.96 min Scan# 356
Delta R.T. -0.00 min
Lab File: BE099979.D
Acq: 13 Jun 2019 8:45

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 99 Resp: 779

Ion	Ratio	Lower	Upper
99	100		
42	19.8	15.9	23.9
71	42.1	34.6	52.0

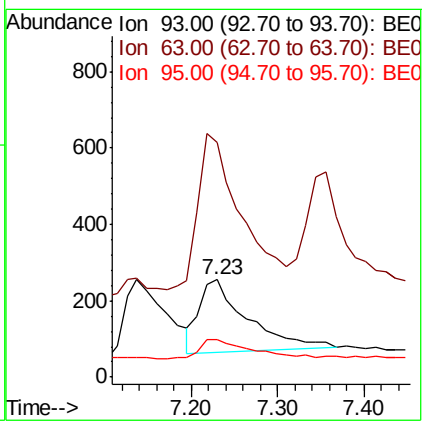


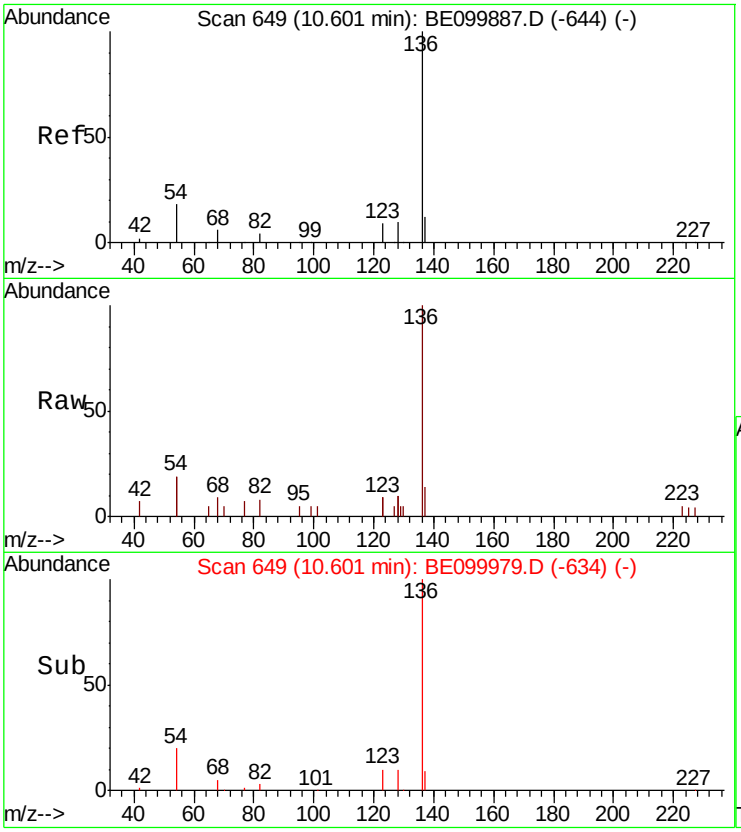


#6
bis(2-Chloroethyl)ether
Concen: 0.411 ng
RT: 7.23 min Scan# 379
Delta R.T. 0.01 min
Lab File: BE099979.D
Acq: 13 Jun 2019 8:45

Tgt Ion: 93 Resp: 736

Ion	Ratio	Lower	Upper
93	100		
63	194.7	202.8	304.2#
95	28.7	23.7	35.5



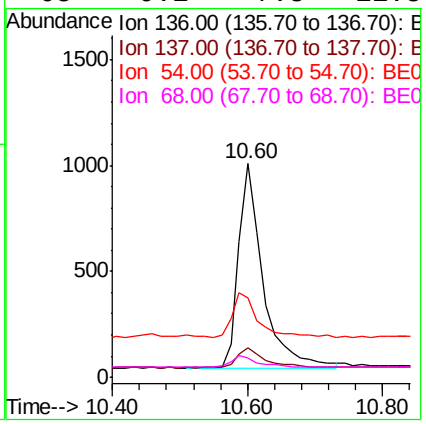


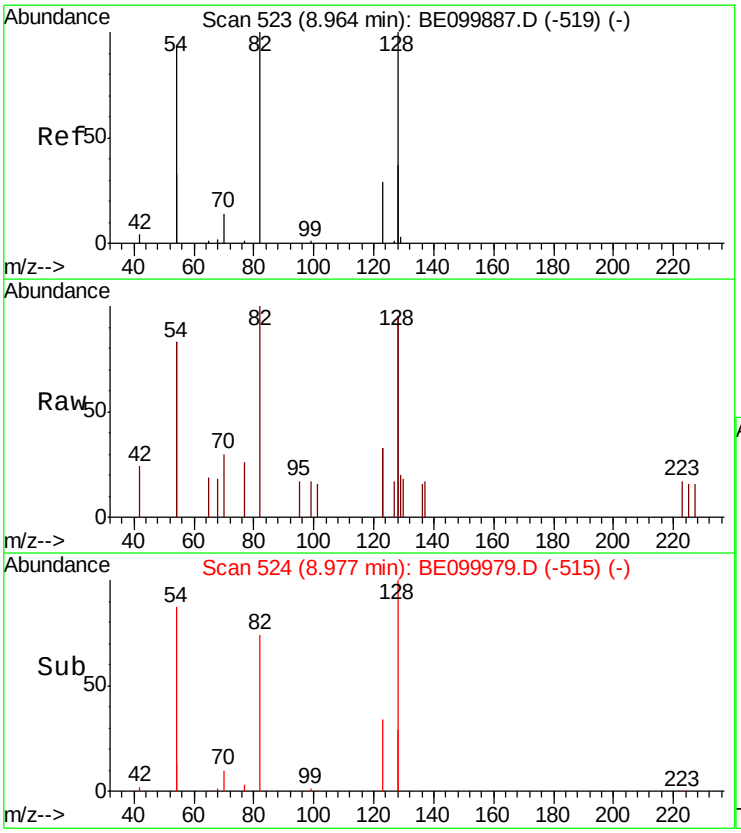
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.60 min Scan# 649
Delta R.T. -0.00 min
Lab File: BE099979.D
Acq: 13 Jun 2019 8:45

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:136 Resp: 2430

Ion	Ratio	Lower	Upper
136	100		
137	13.6	12.3	18.5
54	37.5	28.2	42.4
68	9.1	7.8	11.8

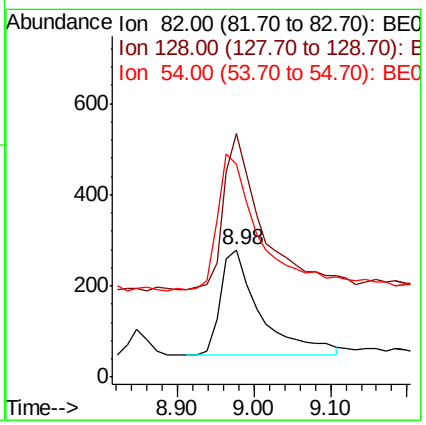


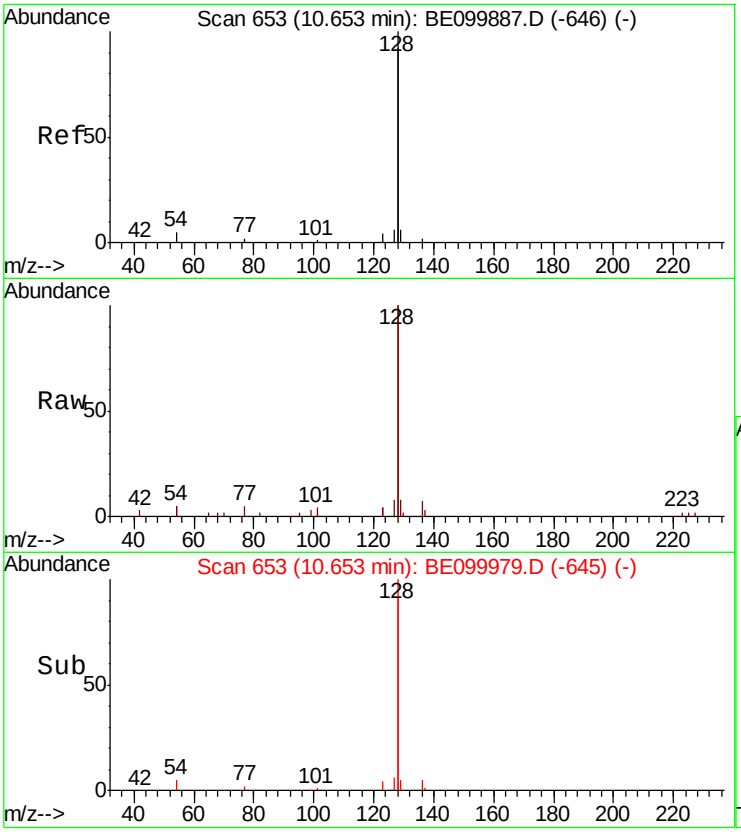


#8
Nitrobenzene-d5
Concen: 0.368 ng
RT: 8.98 min Scan# 524
Delta R.T. 0.01 min
Lab File: BE099979.D
Acq: 13 Jun 2019 8:45

Tgt Ion: 82 Resp: 847

Ion	Ratio	Lower	Upper
82	100		
128	190.7	137.3	205.9
54	166.4	129.7	194.5



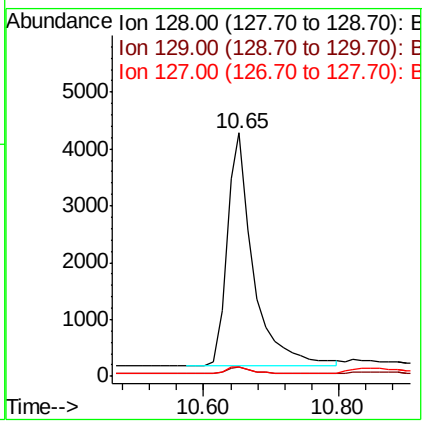


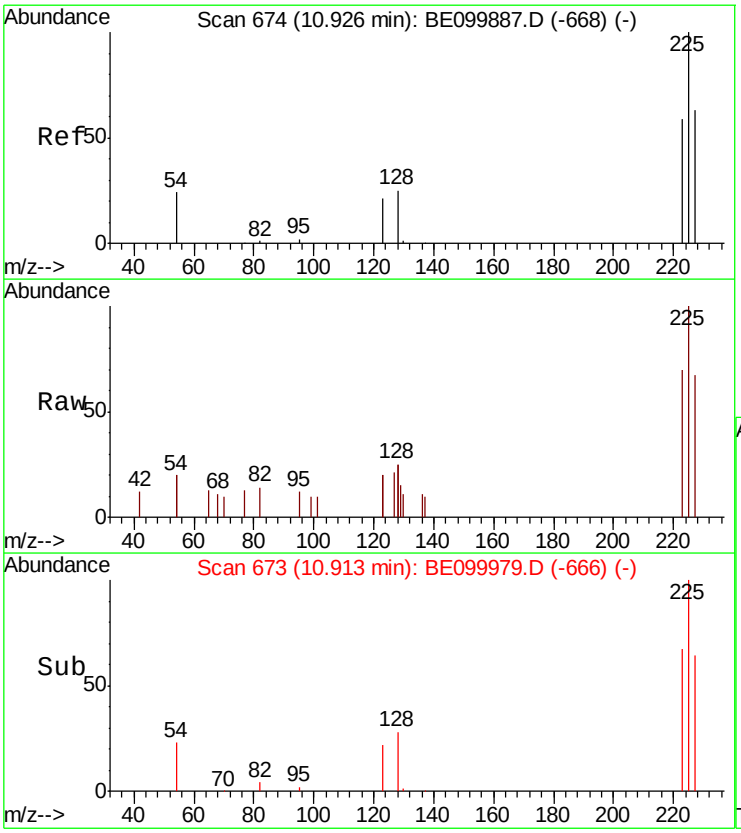
#9
Naphthalene
Concen: 0.422 ng
RT: 10.65 min Scan# 653
Delta R.T. -0.00 min
Lab File: BE099979.D
Acq: 13 Jun 2019 8:45

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:128 Resp: 11057

Ion	Ratio	Lower	Upper
128	100		
129	3.8	3.0	4.6
127	4.1	3.4	5.0

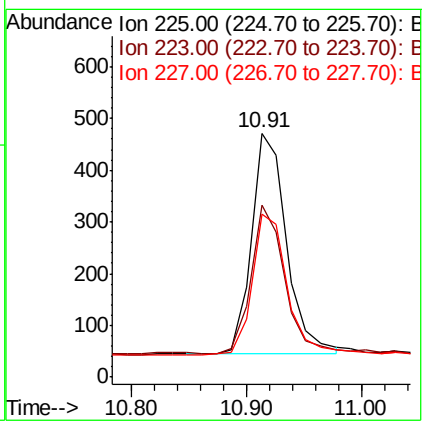


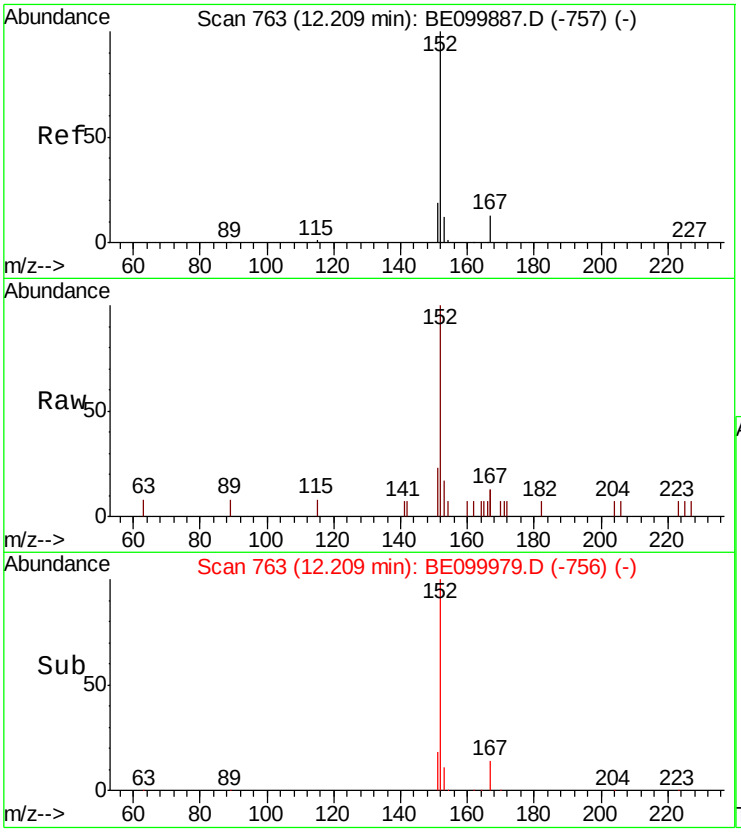


#10
Hexachlorobutadiene
Concen: 0.452 ng
RT: 10.91 min Scan# 673
Delta R.T. -0.01 min
Lab File: BE099979.D
Acq: 13 Jun 2019 8:45

Tgt Ion:225 Resp: 905

Ion	Ratio	Lower	Upper
225	100		
223	64.2	51.6	77.4
227	63.1	50.6	76.0



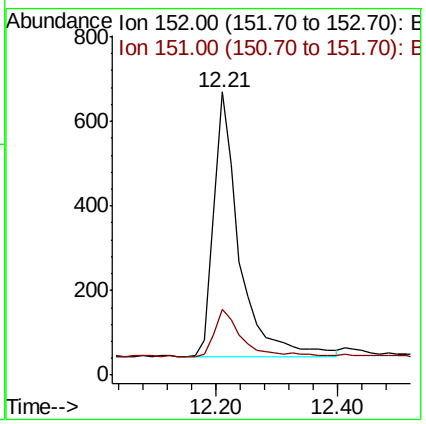


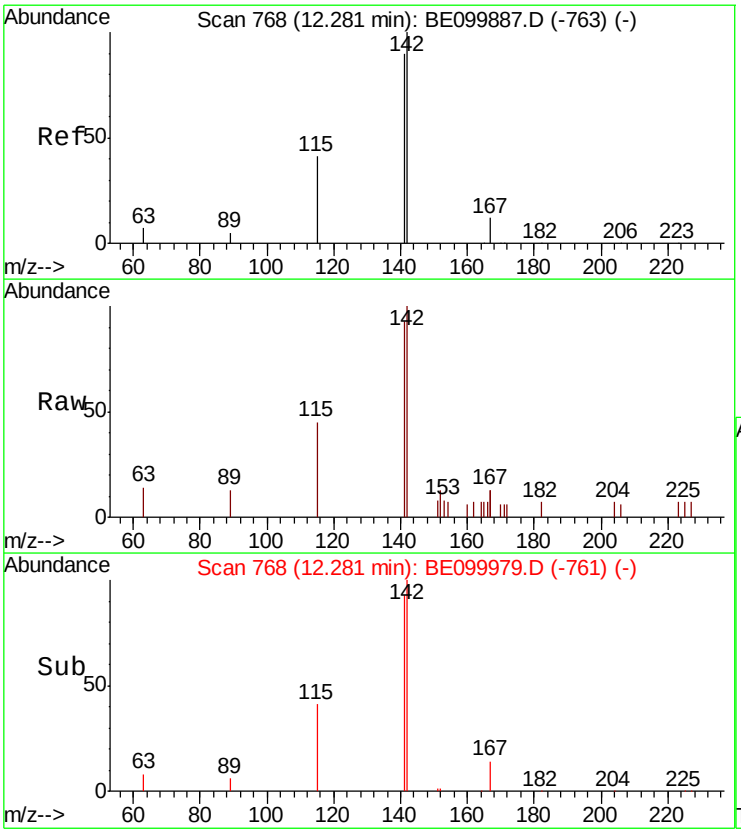
#11
2-Methylnaphthalene-d10
Concen: 0.429 ng
RT: 12.21 min Scan# 763
Delta R.T. 0.00 min
Lab File: BE099979.D
Acq: 13 Jun 2019 8:45

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:152 Resp: 1820

Ion	Ratio	Lower	Upper
152	100		
151	18.5	15.2	22.8

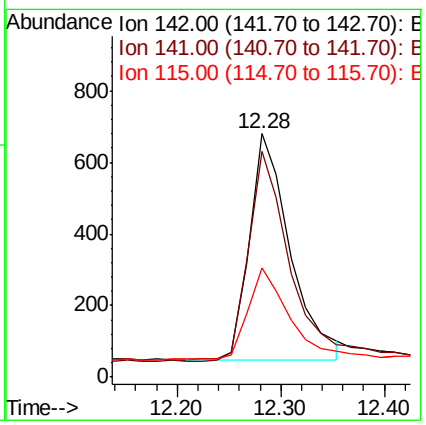


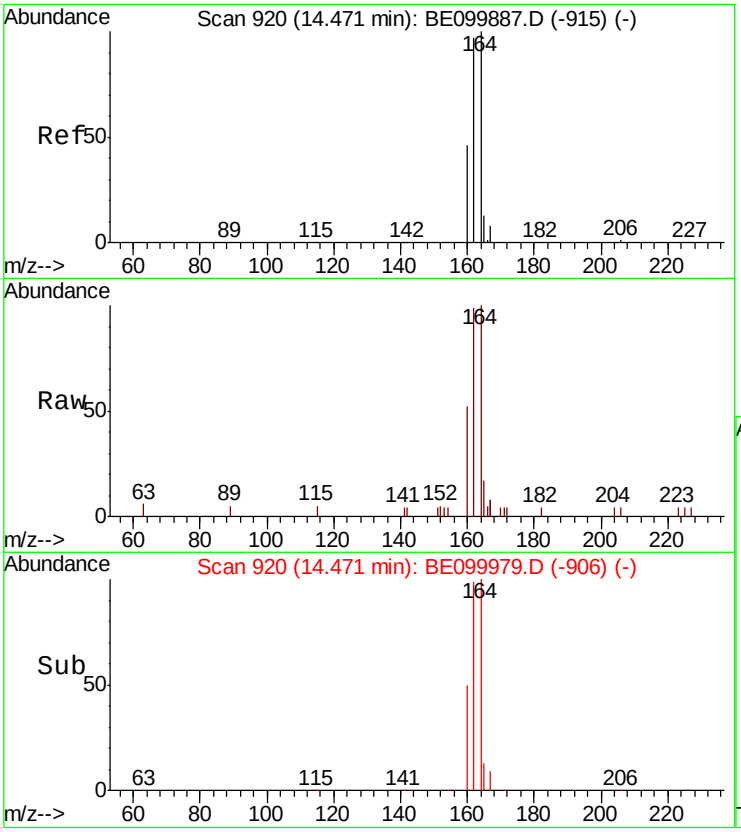


#12
2-Methylnaphthalene
Concen: 0.405 ng
RT: 12.28 min Scan# 768
Delta R.T. 0.00 min
Lab File: BE099979.D
Acq: 13 Jun 2019 8:45

Tgt Ion:142 Resp: 1724

Ion	Ratio	Lower	Upper
142	100		
141	92.9	72.3	108.5
115	44.9	36.4	54.6



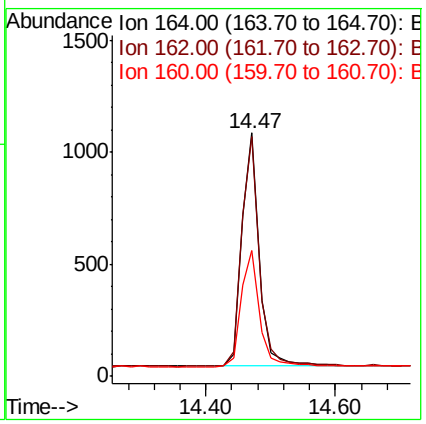


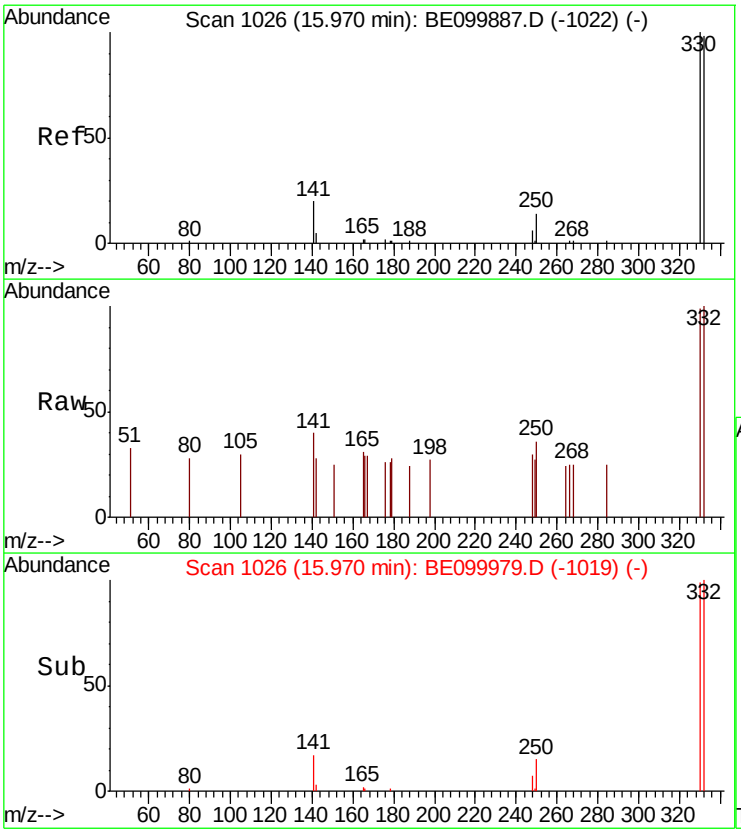
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.47 min Scan# 920
Delta R.T. 0.00 min
Lab File: BE099979.D
Acq: 13 Jun 2019 8:45

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:164 Resp: 1923

Ion	Ratio	Lower	Upper
164	100		
162	98.7	77.8	116.8
160	51.9	38.2	57.4

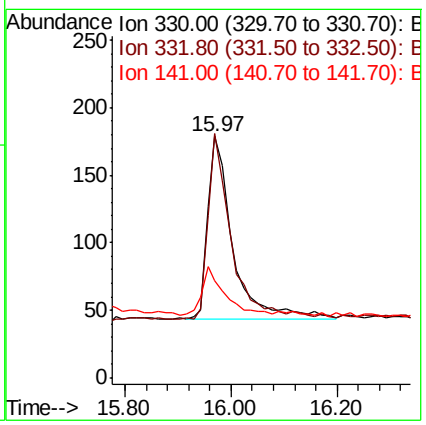


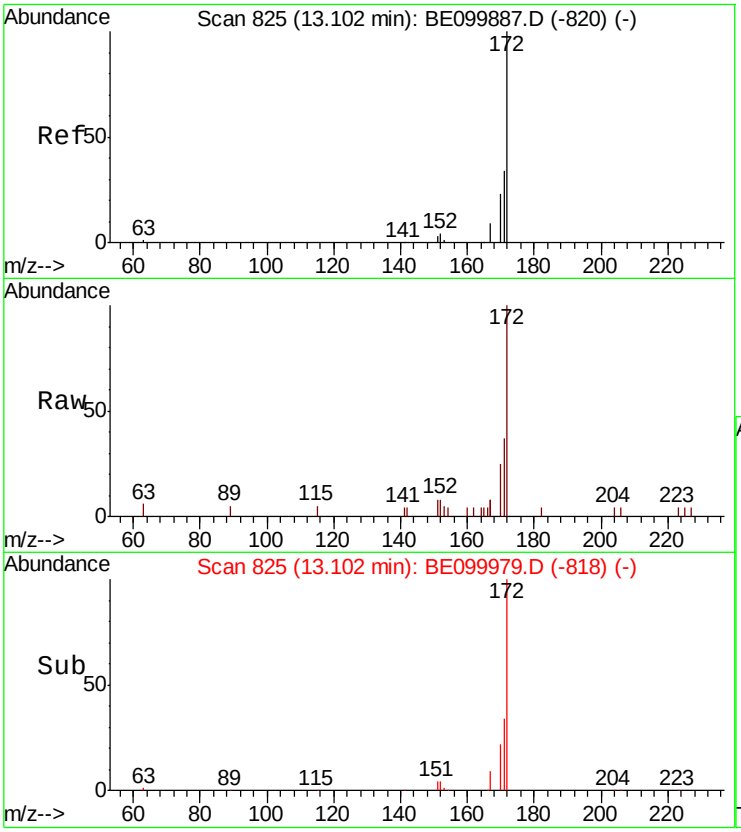


#14
2,4,6-Tribromophenol
Concen: 0.315 ng
RT: 15.97 min Scan# 1026
Delta R.T. 0.00 min
Lab File: BE099979.D
Acq: 13 Jun 2019 8:45

Tgt Ion:330 Resp: 447

Ion	Ratio	Lower	Upper
330	100		
332	90.8	76.7	115.1
141	24.2	21.0	31.6



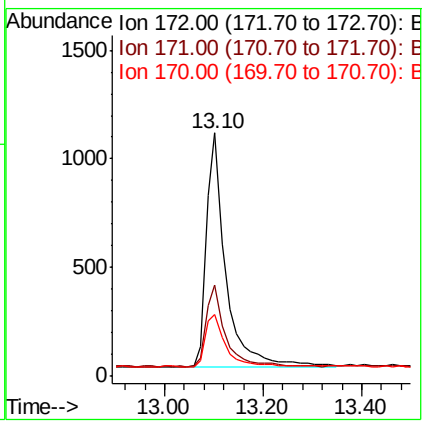


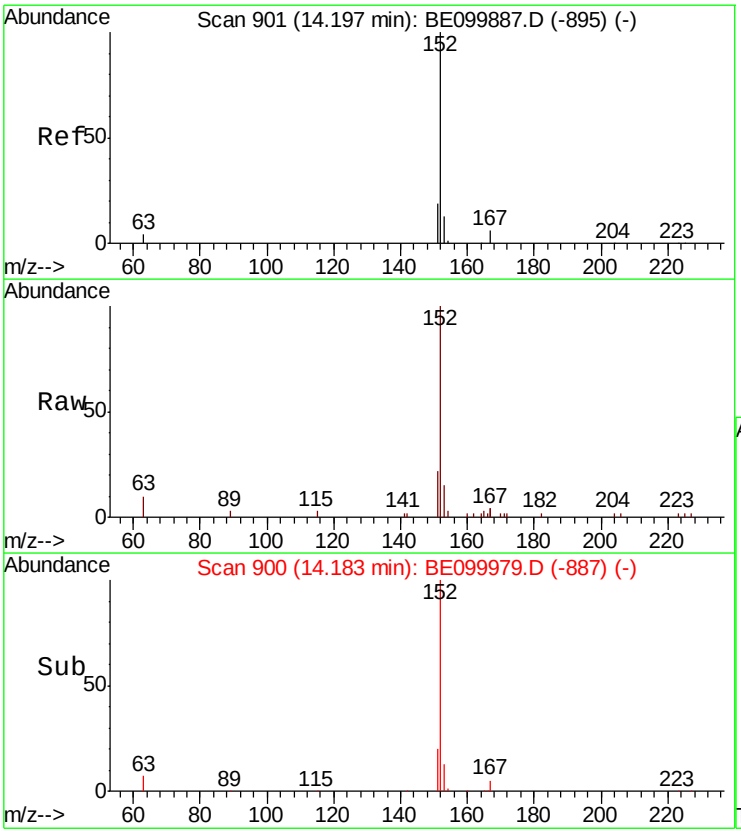
#15
2-Fluorobiphenyl
Concen: 0.399 ng
RT: 13.10 min Scan# 825
Delta R.T. 0.00 min
Lab File: BE099979.D
Acq: 13 Jun 2019 8:45

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:172 Resp: 2911

Ion	Ratio	Lower	Upper
172	100		
171	37.2	29.2	43.8
170	25.4	21.2	31.8

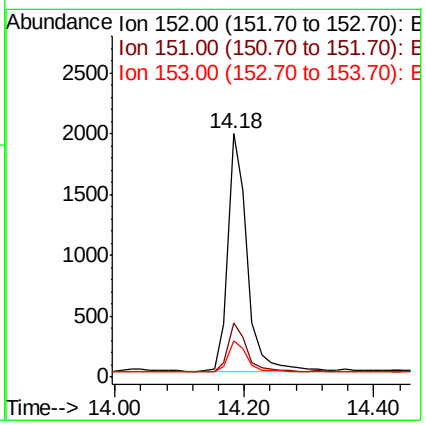


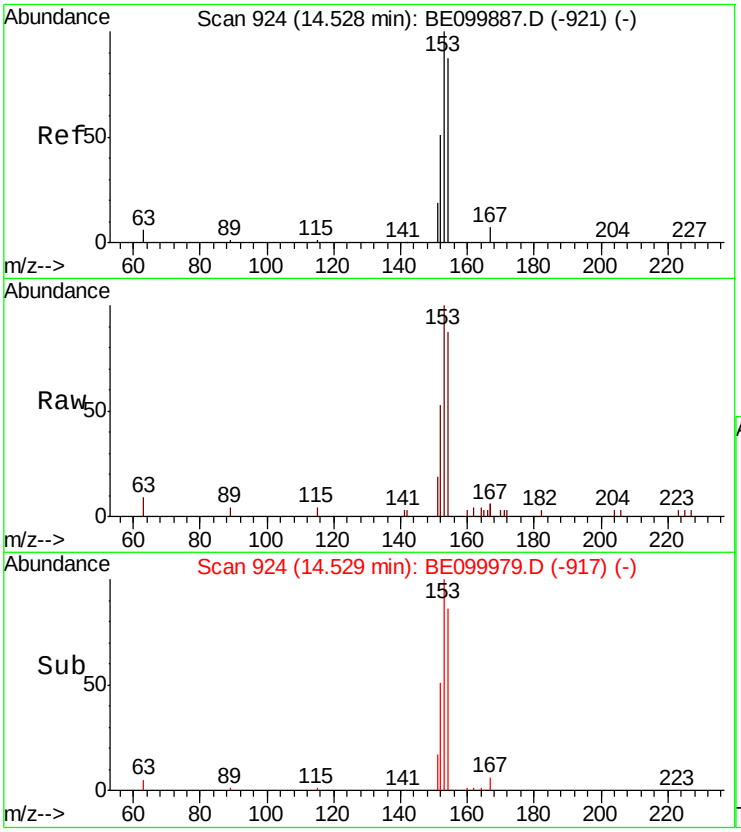


#16
Acenaphthylene
Concen: 0.418 ng
RT: 14.18 min Scan# 900
Delta R.T. -0.01 min
Lab File: BE099979.D
Acq: 13 Jun 2019 8:45

Tgt Ion:152 Resp: 4002

Ion	Ratio	Lower	Upper
152	100		
151	19.6	15.5	23.3
153	12.8	10.2	15.2



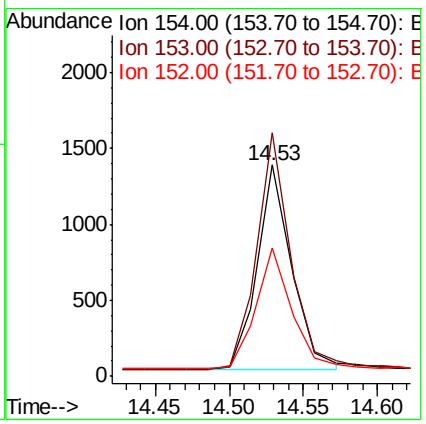


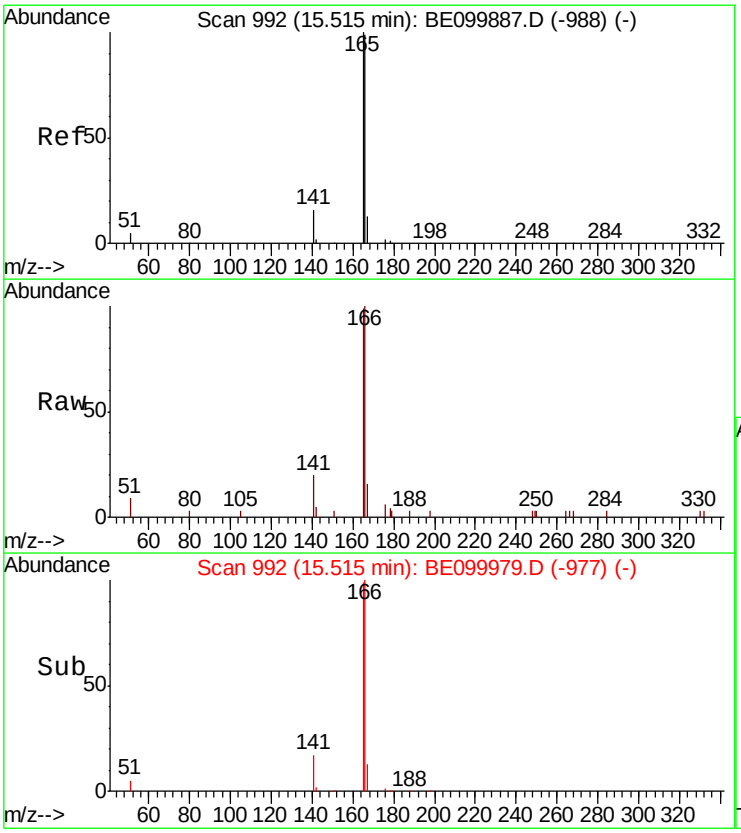
#17
Acenaphthene
Concen: 0.412 ng
RT: 14.53 min Scan# 924
Delta R.T. 0.00 min
Lab File: BE099979.D
Acq: 13 Jun 2019 8:45

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:154 Resp: 2148

Ion	Ratio	Lower	Upper
154	100		
153	114.6	93.1	139.7
152	61.9	47.0	70.4

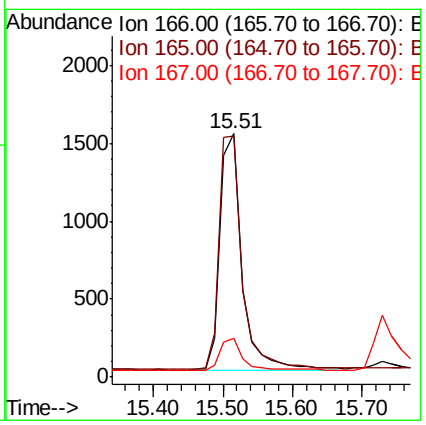


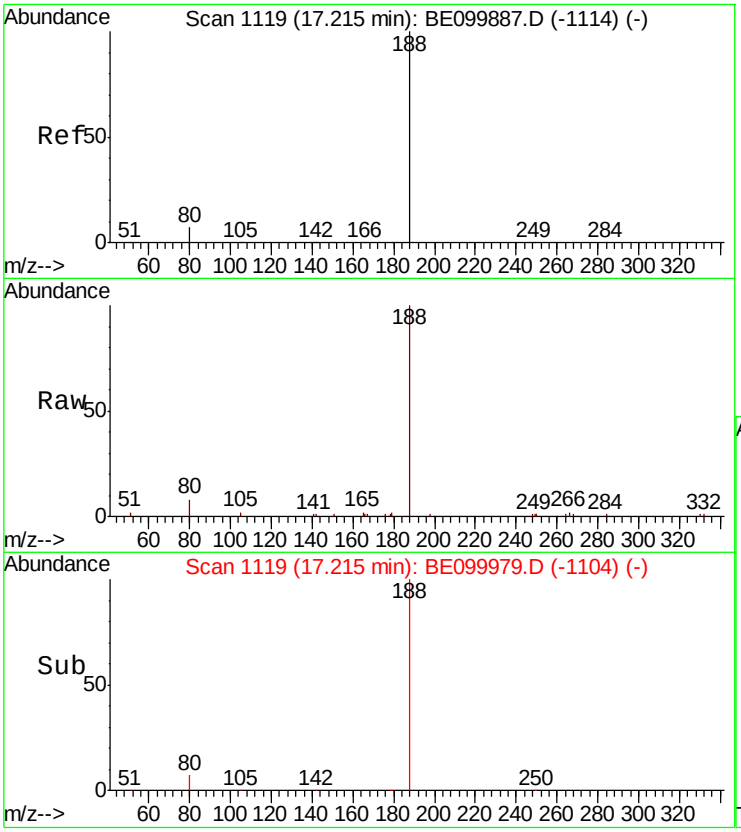


#18
Fluorene
Concen: 0.422 ng
RT: 15.51 min Scan# 992
Delta R.T. 0.00 min
Lab File: BE099979.D
Acq: 13 Jun 2019 8:45

Tgt Ion:166 Resp: 3299

Ion	Ratio	Lower	Upper
166	100		
165	102.3	81.8	122.8
167	13.7	11.2	16.8



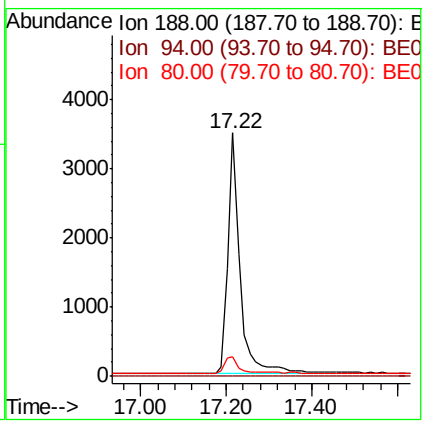


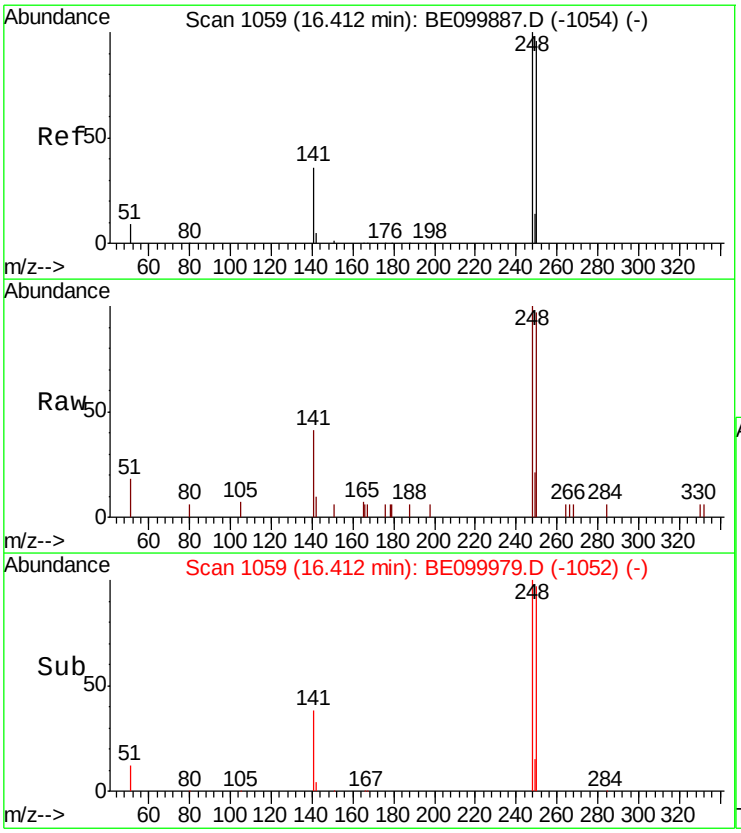
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.22 min Scan# 1119
Delta R.T. 0.00 min
Lab File: BE099979.D
Acq: 13 Jun 2019 8:45

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:188 Resp: 6795

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	8.0	6.4	9.6

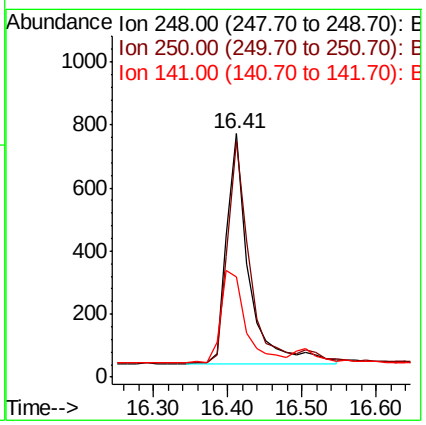


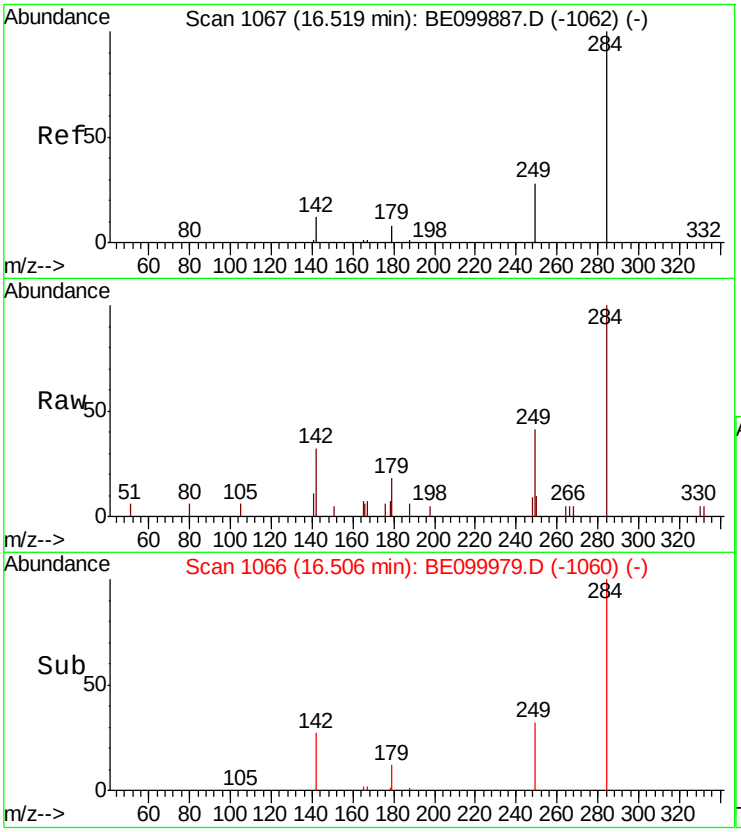


#20
4-Bromophenyl-phenylether
Concen: 0.391 ng
RT: 16.41 min Scan# 1059
Delta R.T. 0.00 min
Lab File: BE099979.D
Acq: 13 Jun 2019 8:45

Tgt Ion:248 Resp: 1504

Ion	Ratio	Lower	Upper
248	100		
250	97.2	77.5	116.3
141	41.3	31.8	47.8



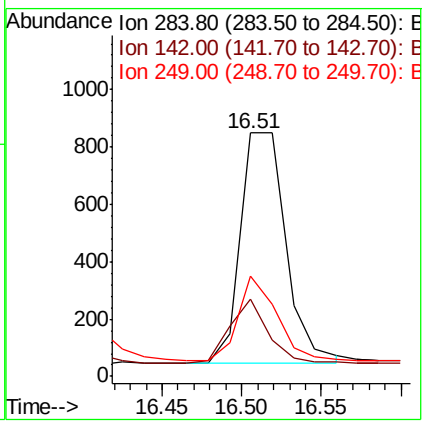


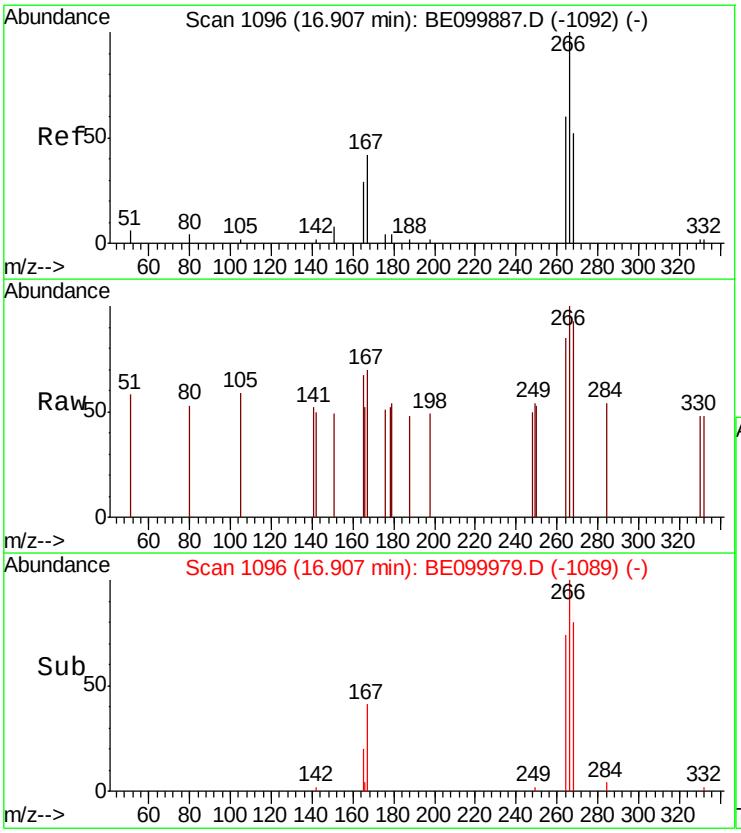
#21
Hexachlorobenzene
Concen: 0.408 ng
RT: 16.51 min Scan# 1066
Delta R.T. -0.01 min
Lab File: BE099979.D
Acq: 13 Jun 2019 8:45

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:284 Resp: 1605

Ion	Ratio	Lower	Upper
284	100		
142	23.1	18.2	27.4
249	30.7	24.6	37.0

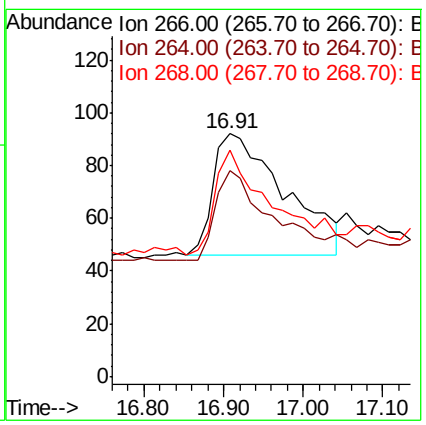


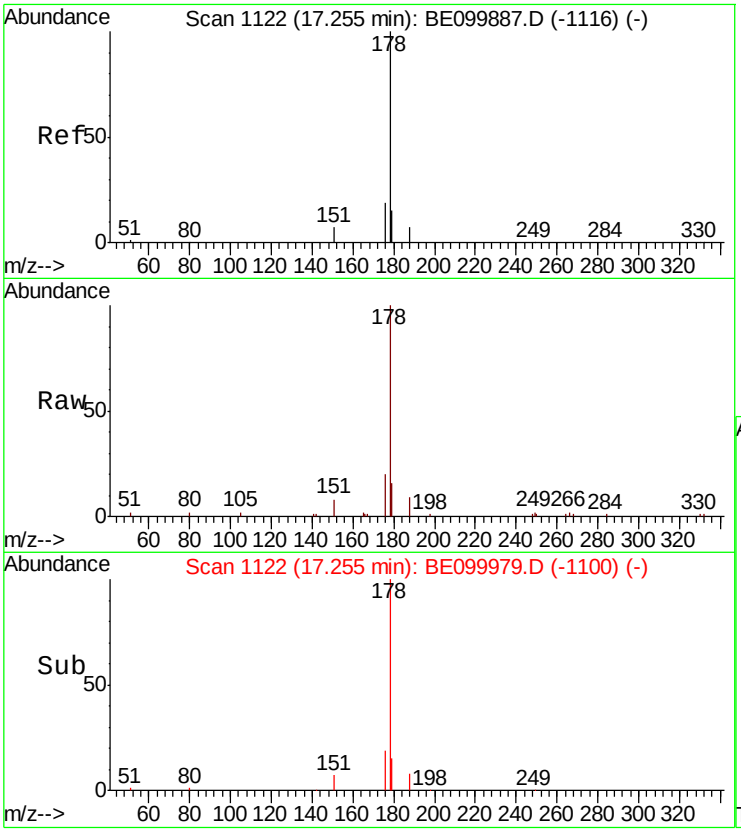


#22
Pentachlorophenol
Concen: 0.452 ng
RT: 16.91 min Scan# 1096
Delta R.T. 0.00 min
Lab File: BE099979.D
Acq: 13 Jun 2019 8:45

Tgt Ion:266 Resp: 289

Ion	Ratio	Lower	Upper
266	100		
264	84.8	62.2	93.2
268	93.5	65.5	98.3



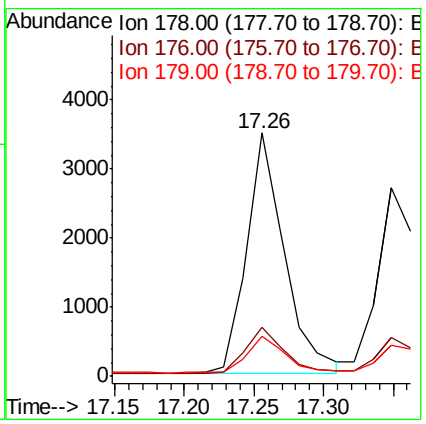


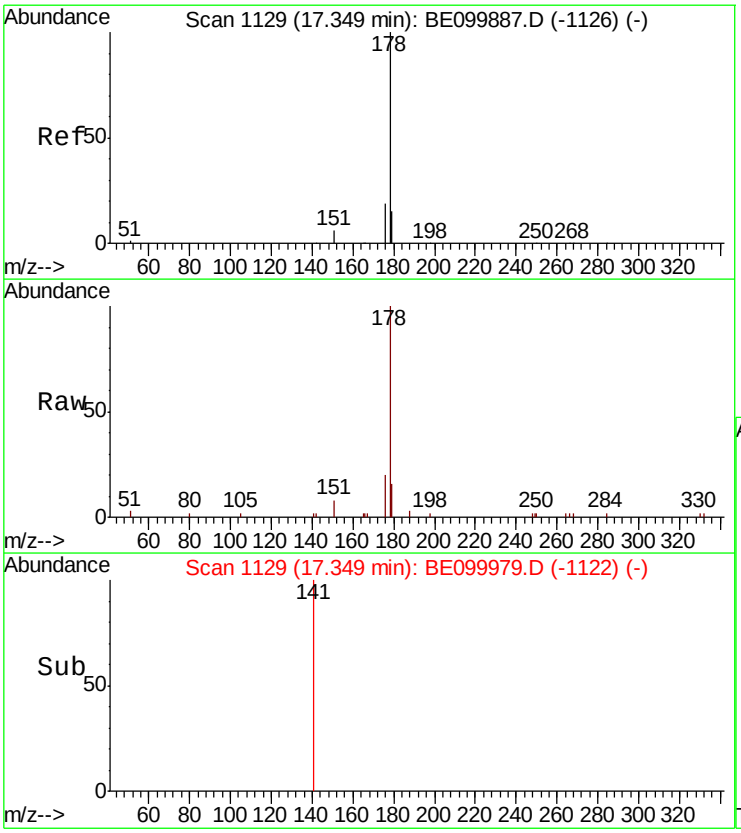
#23
Phenanthrene
Concen: 0.398 ng
RT: 17.26 min Scan# 1122
Delta R.T. 0.00 min
Lab File: BE099979.D
Acq: 13 Jun 2019 8:45

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:178 Resp: 6555

Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.8	23.8
179	15.9	12.4	18.6

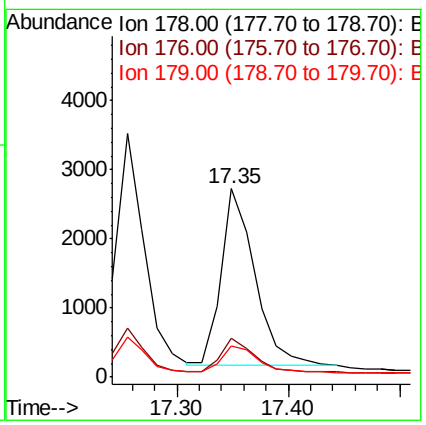


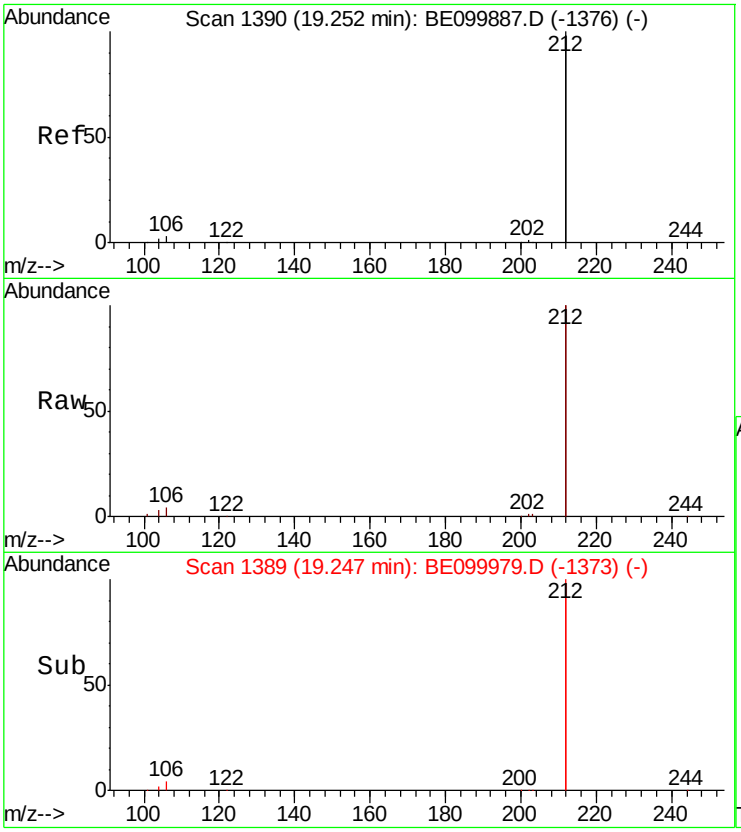


#24
Anthracene
Concen: 0.360 ng
RT: 17.35 min Scan# 1129
Delta R.T. 0.00 min
Lab File: BE099979.D
Acq: 13 Jun 2019 8:45

Tgt Ion:178 Resp: 5441

Ion	Ratio	Lower	Upper
178	100		
176	18.1	14.6	22.0
179	15.3	12.3	18.5



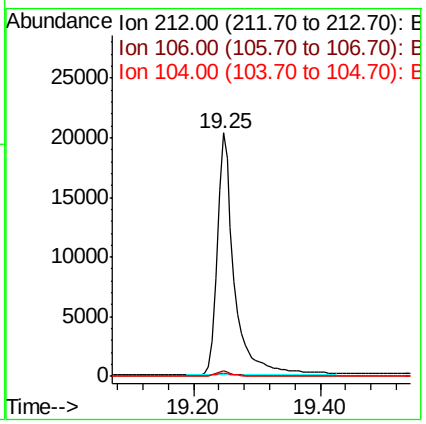


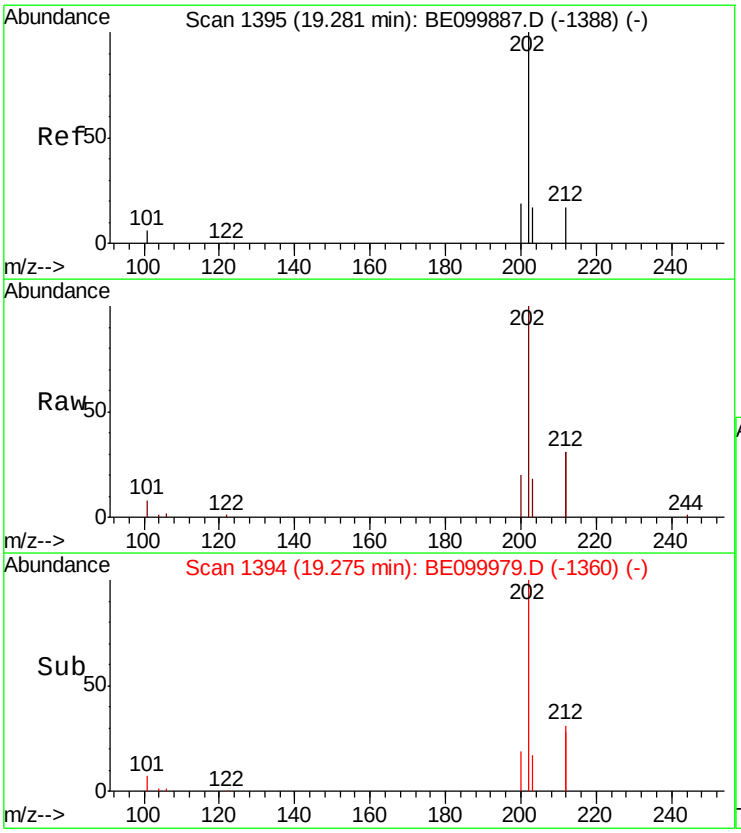
#25
Fluoranthene-d10
Concen: 0.376 ng
RT: 19.25 min Scan# 1389
Delta R.T. -0.01 min
Lab File: BE099979.D
Acq: 13 Jun 2019 8:45

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:212 Resp: 37241

Ion	Ratio	Lower	Upper
212	100		
106	1.9	1.4	2.2
104	1.1	0.9	1.3

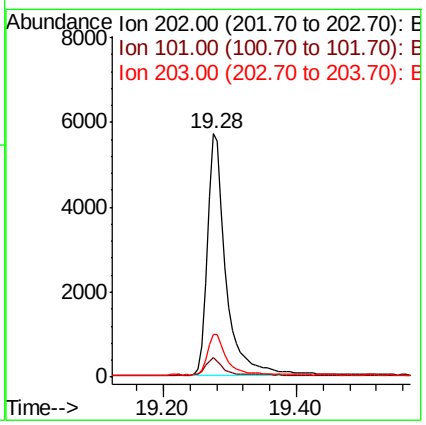


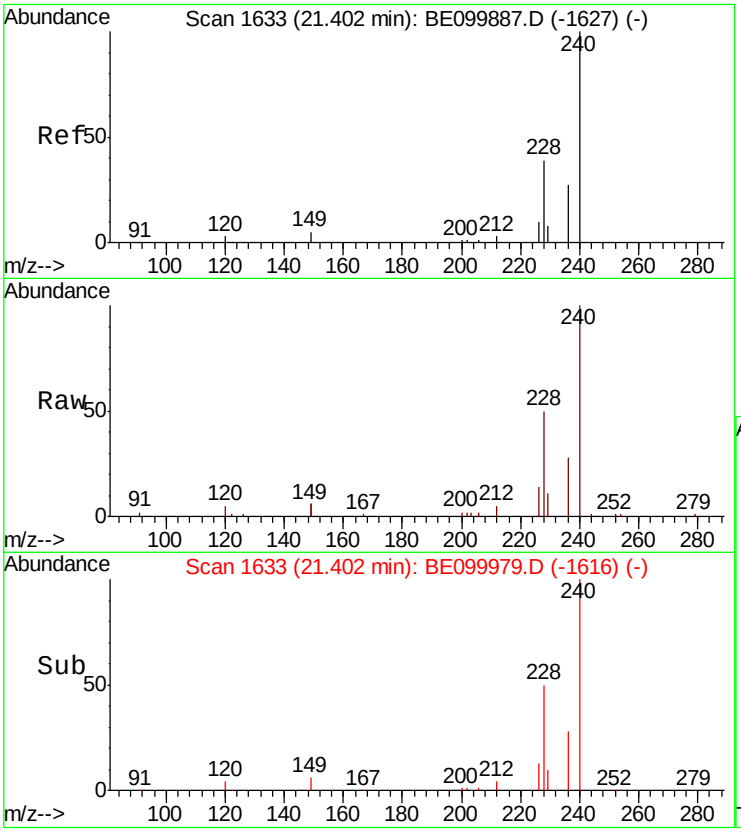


#26
Fluoranthene
Concen: 0.388 ng
RT: 19.28 min Scan# 1394
Delta R.T. -0.01 min
Lab File: BE099979.D
Acq: 13 Jun 2019 8:45

Tgt Ion:202 Resp: 10883

Ion	Ratio	Lower	Upper
202	100		
101	6.5	5.4	8.0
203	17.1	13.2	19.8



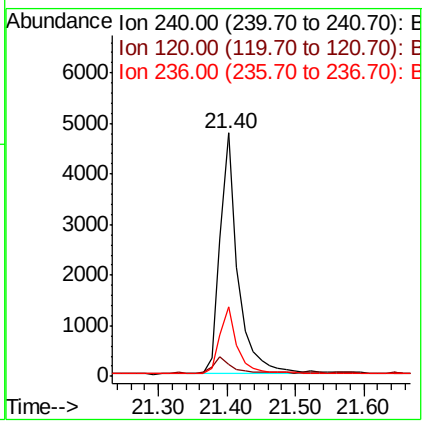


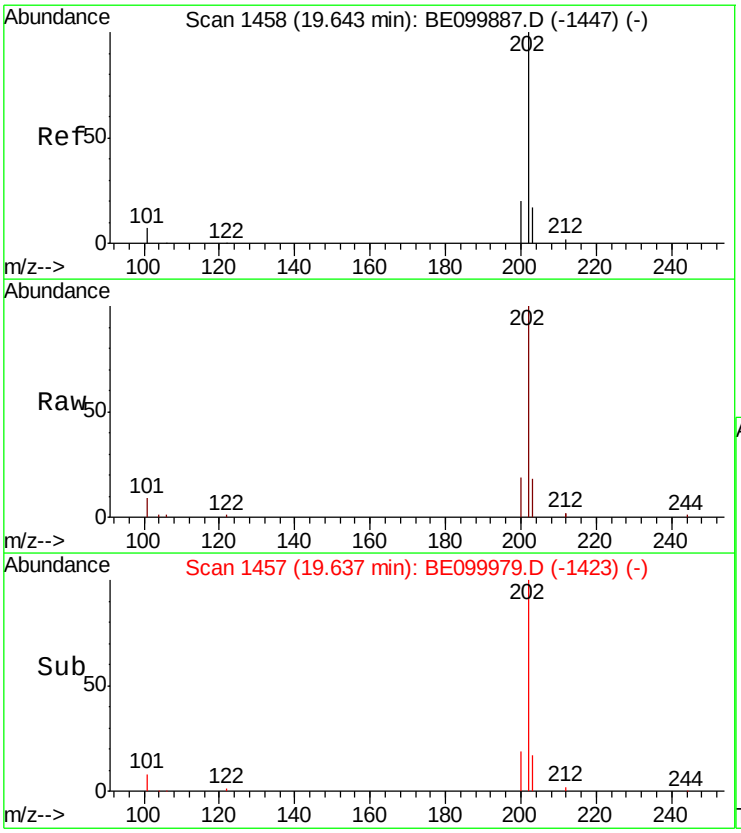
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.40 min Scan# 1633
Delta R.T. -0.00 min
Lab File: BE099979.D
Acq: 13 Jun 2019 8:45

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:240 Resp: 8759

Ion	Ratio	Lower	Upper
240	100		
120	4.9	3.8	5.6
236	28.4	22.0	33.0

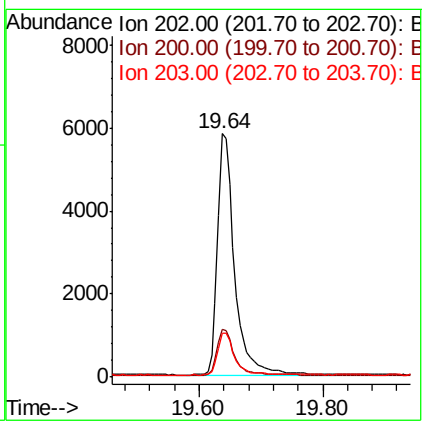


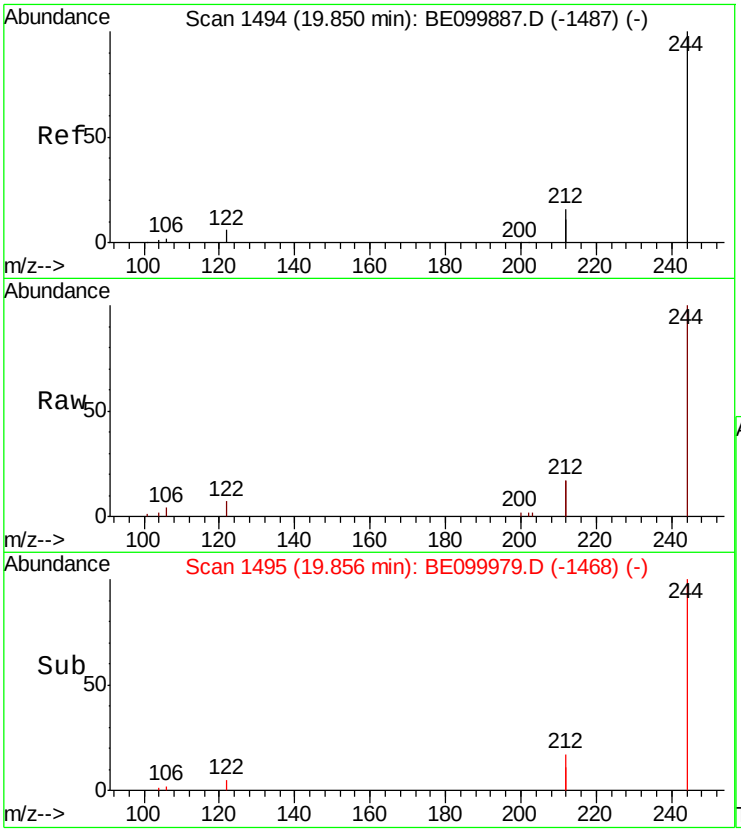


#28
Pyrene
Concen: 0.481 ng
RT: 19.64 min Scan# 1457
Delta R.T. -0.01 min
Lab File: BE099979.D
Acq: 13 Jun 2019 8:45

Tgt Ion:202 Resp: 11068

Ion	Ratio	Lower	Upper
202	100		
200	19.1	15.5	23.3
203	17.4	14.0	21.0



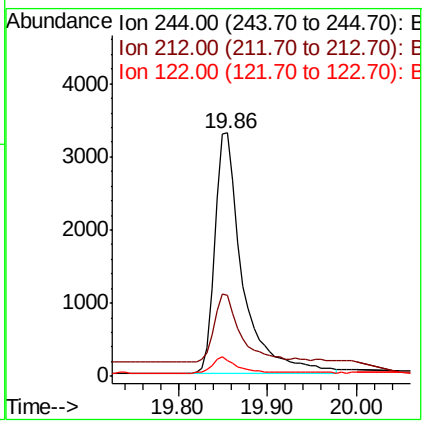


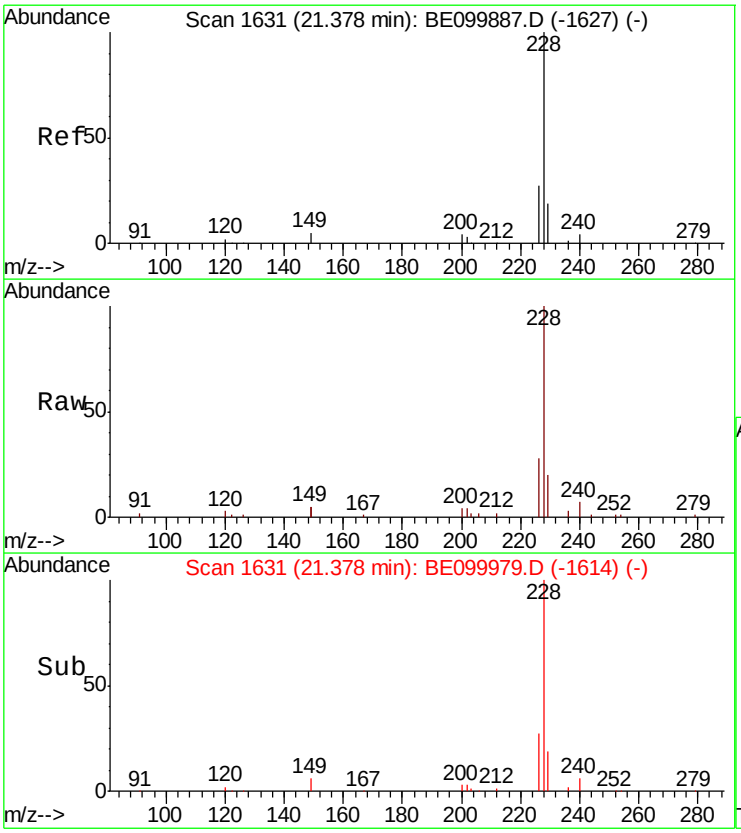
#29
Terphenyl-d14
Concen: 0.446 ng
RT: 19.86 min Scan# 1495
Delta R.T. 0.01 min
Lab File: BE099979.D
Acq: 13 Jun 2019 8:45

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:244 Resp: 7038

Ion	Ratio	Lower	Upper
244	100		
212	33.5	25.7	38.5
122	6.6	5.5	8.3

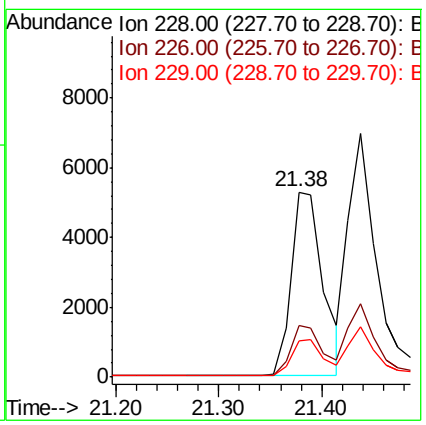


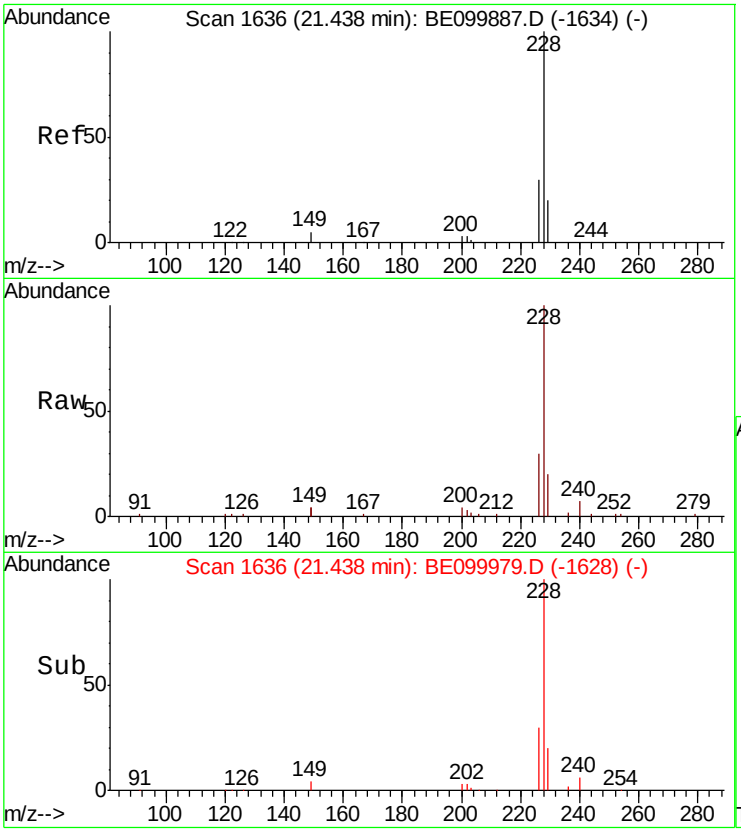


#30
Benzo(a)anthracene
Concen: 0.435 ng
RT: 21.38 min Scan# 1631
Delta R.T. -0.00 min
Lab File: BE099979.D
Acq: 13 Jun 2019 8:45

Tgt Ion:228 Resp: 11386

Ion	Ratio	Lower	Upper
228	100		
226	27.9	22.5	33.7
229	19.5	15.9	23.9



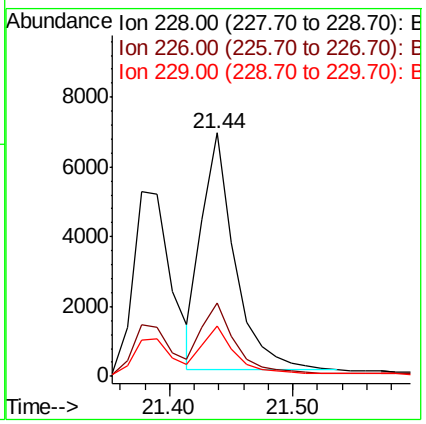


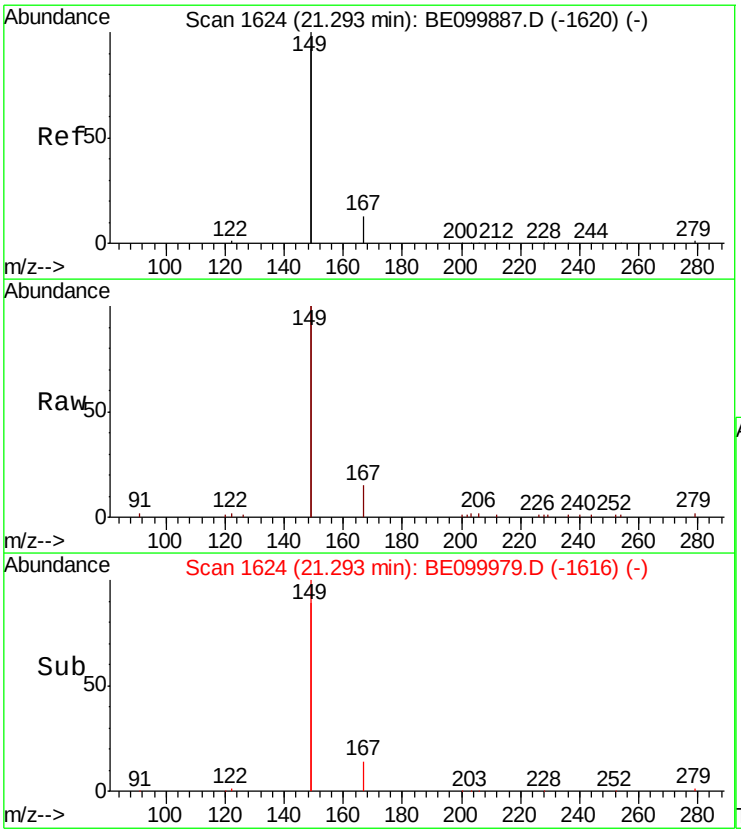
#31
Chrysene
Concen: 0.466 ng
RT: 21.44 min Scan# 1636
Delta R.T. -0.00 min
Lab File: BE099979.D
Acq: 13 Jun 2019 8:45

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:228 Resp: 12605

Ion	Ratio	Lower	Upper
228	100		
226	30.3	24.1	36.1
229	20.5	16.1	24.1

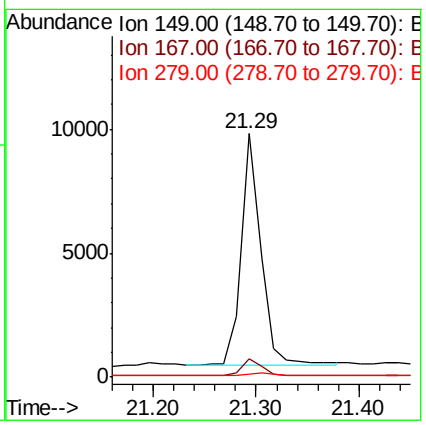


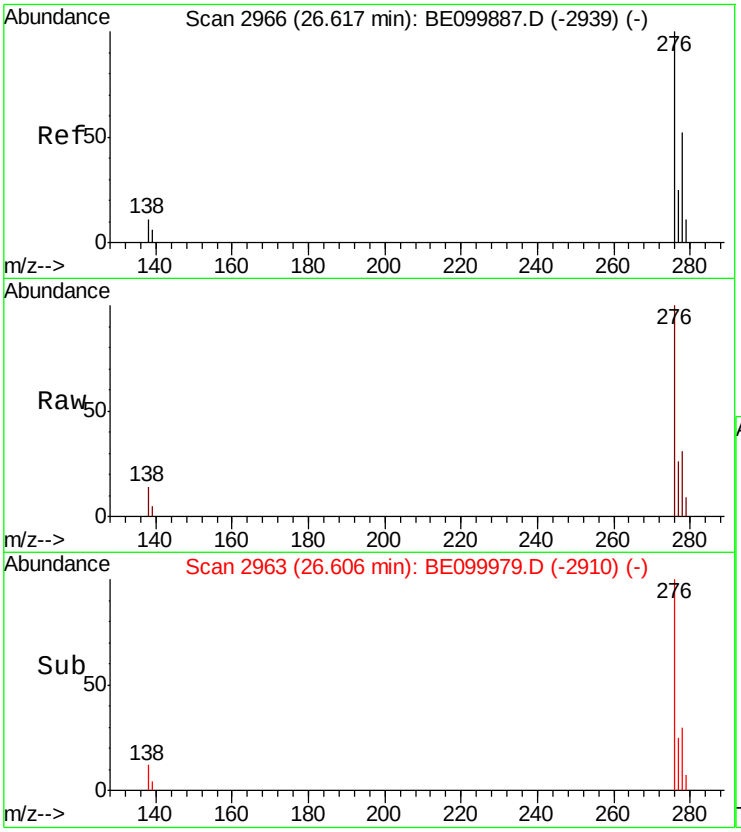


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.330 ng
RT: 21.29 min Scan# 1624
Delta R.T. -0.00 min
Lab File: BE099979.D
Acq: 13 Jun 2019 8:45

Tgt Ion:149 Resp: 12406

Ion	Ratio	Lower	Upper
149	100		
167	7.5	5.9	8.9
279	1.6	1.2	1.8



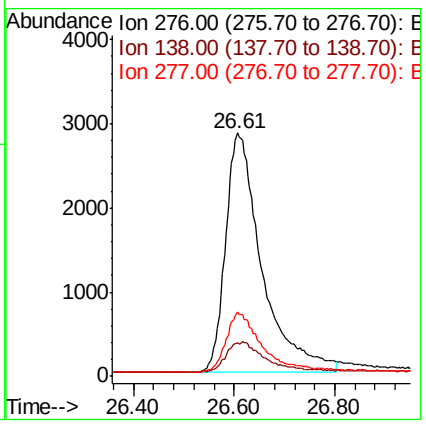


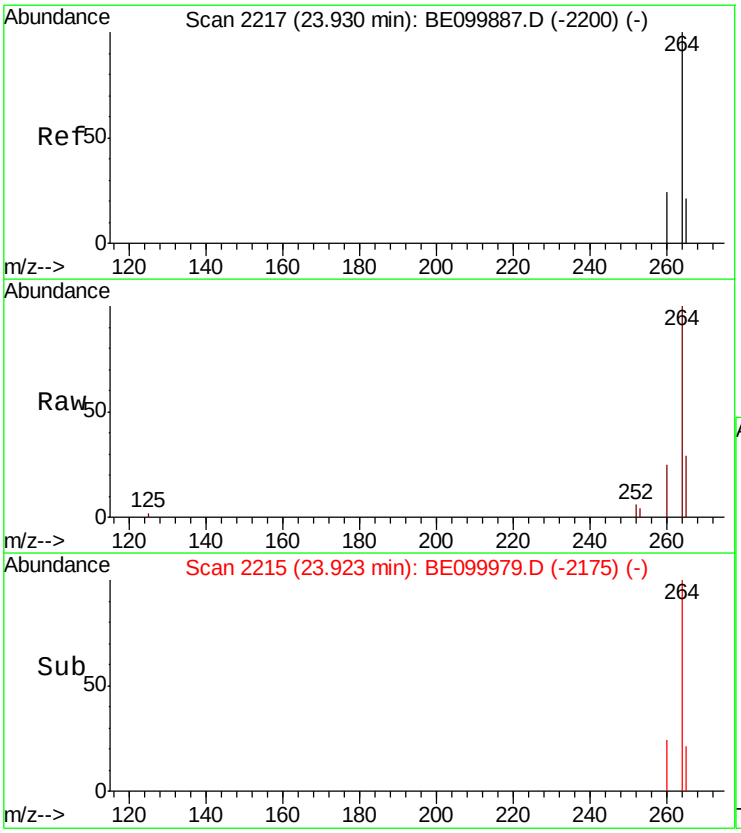
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.446 ng
RT: 26.61 min Scan# 2963
Delta R.T. -0.01 min
Lab File: BE099979.D
Acq: 13 Jun 2019 8:45

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:276 Resp: 14321

Ion	Ratio	Lower	Upper
276	100		
138	13.2	10.1	15.1
277	24.1	19.1	28.7

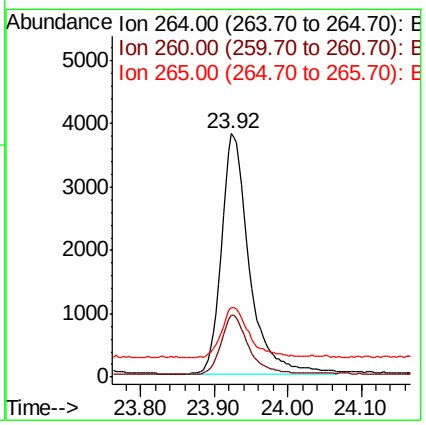


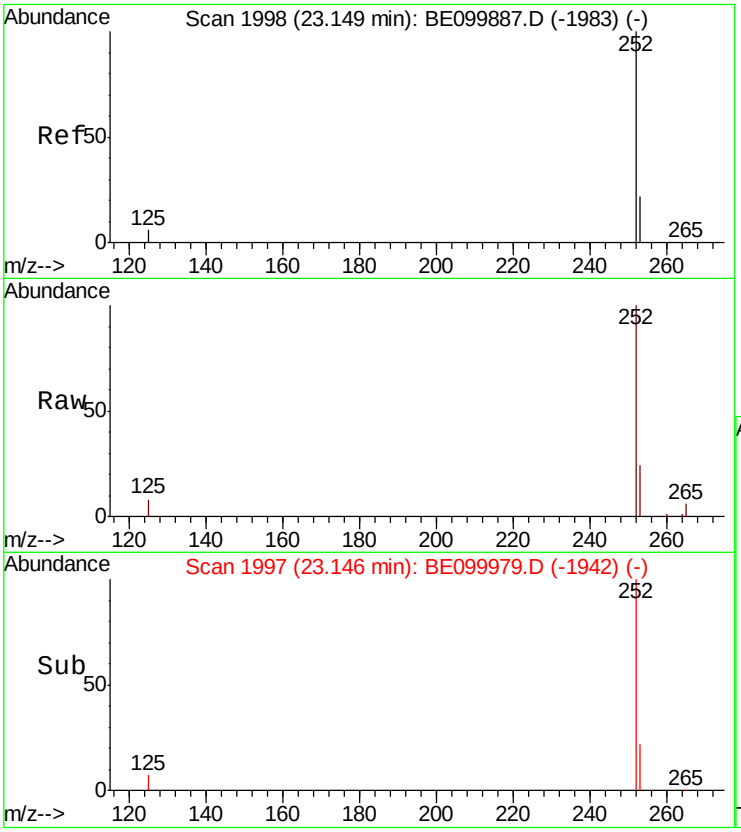


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.92 min Scan# 2215
Delta R.T. -0.01 min
Lab File: BE099979.D
Acq: 13 Jun 2019 8:45

Tgt Ion:264 Resp: 10120

Ion	Ratio	Lower	Upper
264	100		
260	25.3	20.2	30.2
265	28.6	22.0	33.0



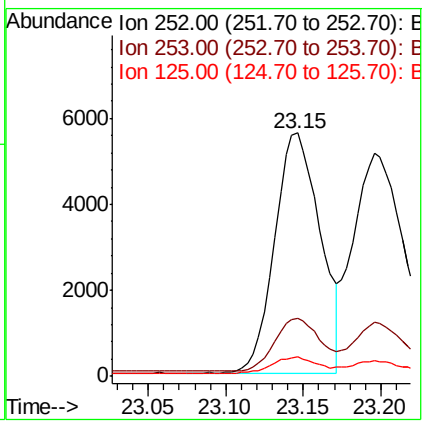


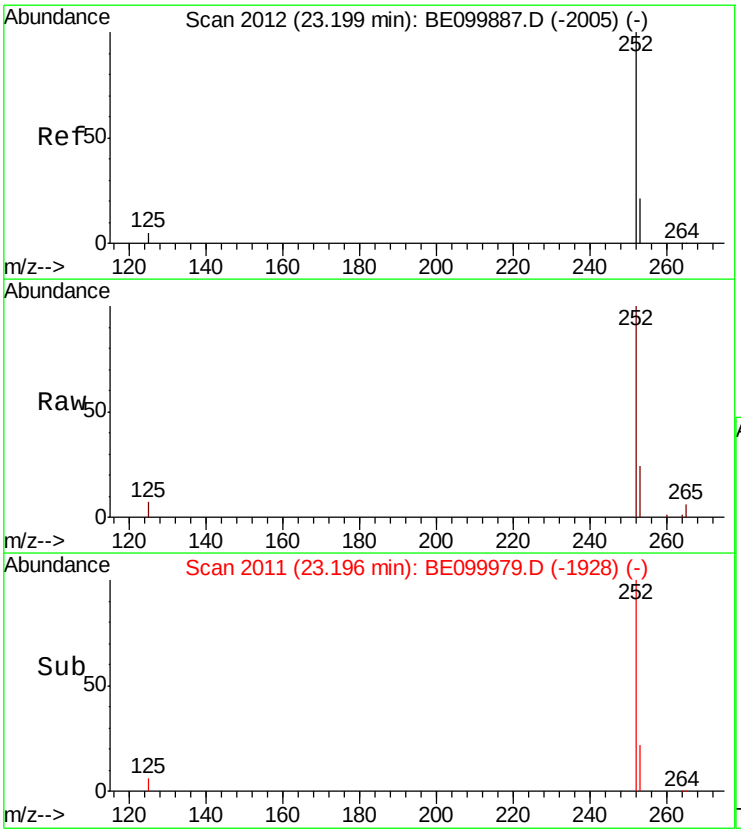
#35
Benzo(b)fluoranthene
Concen: 0.402 ng
RT: 23.15 min Scan# 1997
Delta R.T. -0.00 min
Lab File: BE099979.D
Acq: 13 Jun 2019 8:45

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:252 Resp: 11414

Ion	Ratio	Lower	Upper
252	100		
253	24.0	18.7	28.1
125	7.9	5.7	8.5

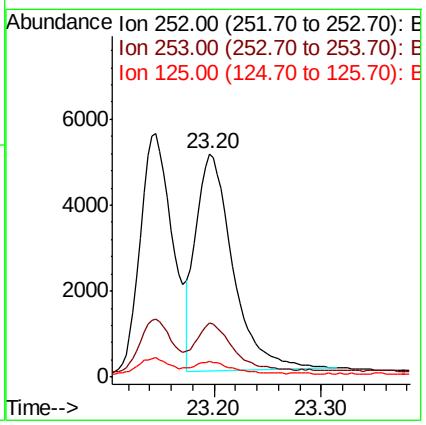


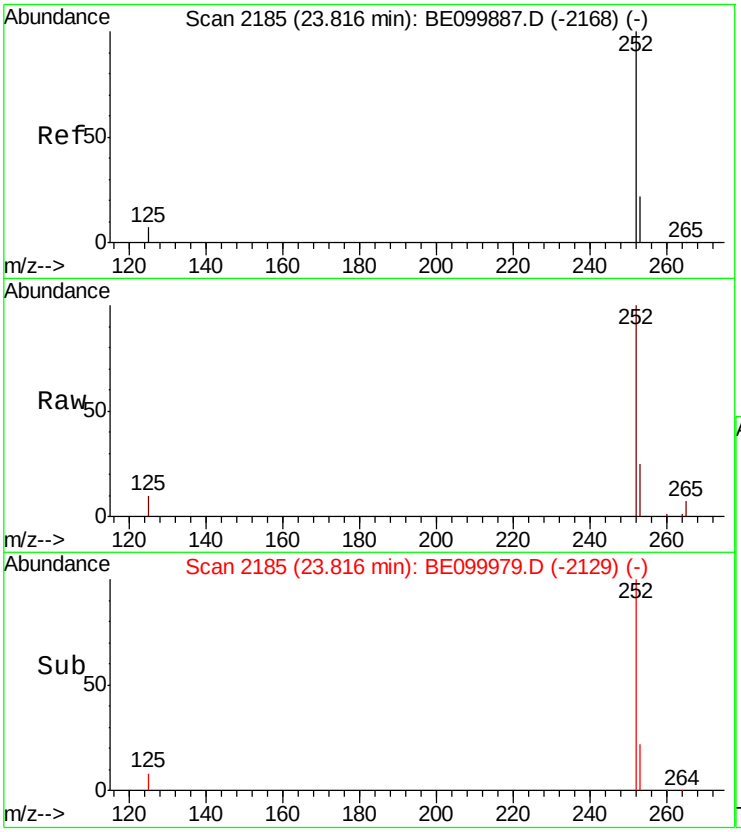


#36
Benzo(k)fluoranthene
Concen: 0.407 ng
RT: 23.20 min Scan# 2011
Delta R.T. -0.00 min
Lab File: BE099979.D
Acq: 13 Jun 2019 8:45

Tgt Ion:252 Resp: 12072

Ion	Ratio	Lower	Upper
252	100		
253	24.4	18.6	28.0
125	7.0	5.4	8.0



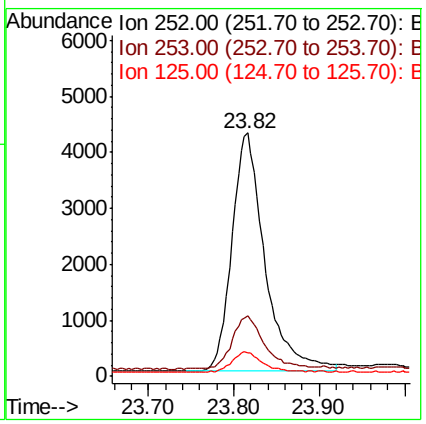


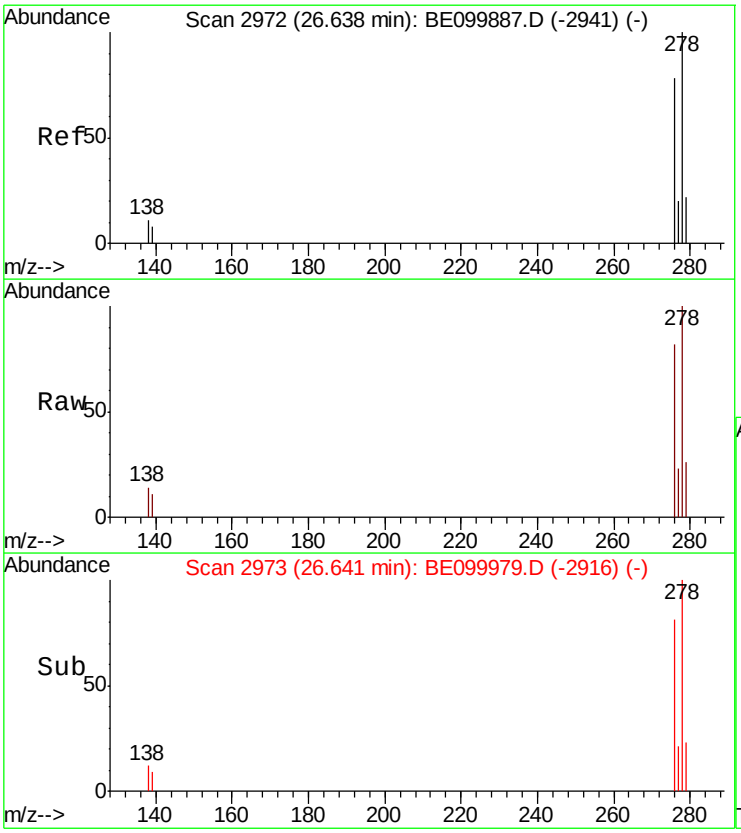
#37
Benzo(a)pyrene
Concen: 0.409 ng
RT: 23.82 min Scan# 2185
Delta R.T. 0.00 min
Lab File: BE099979.D
Acq: 13 Jun 2019 8:45

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:252 Resp: 11436

Ion	Ratio	Lower	Upper
252	100		
253	24.6	19.6	29.4
125	9.7	6.6	10.0

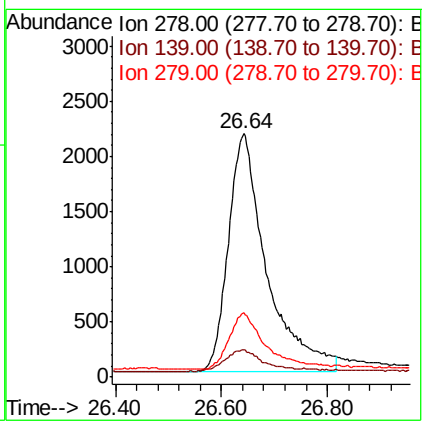


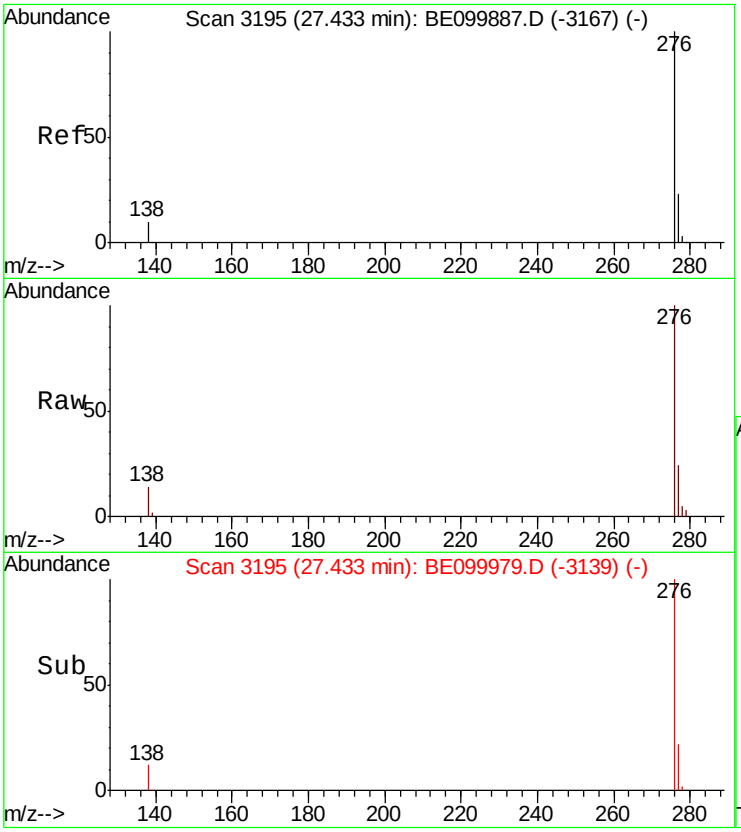


#38
Dibenzo(a,h)anthracene
Concen: 0.389 ng
RT: 26.64 min Scan# 2973
Delta R.T. 0.00 min
Lab File: BE099979.D
Acq: 13 Jun 2019 8:45

Tgt Ion:278 Resp: 10940

Ion	Ratio	Lower	Upper
278	100		
139	11.0	7.8	11.8
279	26.3	20.0	30.0





#39
Benzo(g,h,i)perylene
Concen: 0.425 ng
RT: 27.43 min Scan# 3195
Delta R.T. -0.00 min
Lab File: BE099979.D
Acq: 13 Jun 2019 8:45

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:276 Resp: 12359

Ion	Ratio	Lower	Upper
276	100		
277	23.9	19.5	29.3
138	13.7	9.5	14.3