Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE050919\
Data File : BE099591.D
Acq On : 9 May 2019 16:34
Operator : JU/SJ
Sample : PB119482BSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : PB119482BSD

Quant Time: May 10 07:03:47 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE050919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 09 13:32:58 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	1916	0.40	ng	0.00
7) Naphthalene-d8	10.63	136	6705	0.40	ng	0.00
13) Acenaphthene-d10	14.50	164	4553	0.40	ng	0.00
19) Phenanthrene-d10	17.24	188	13288	0.40	ng	0.00
27) Chrysene-d12	21.43	240	17757	0.40	ng	0.00
34) Perylene-d12	23.97	264	20455	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.39	112	1757	0.34	ng	0.00
5) Phenol-d6	6.99	99	2442	0.35	ng	0.00
8) Nitrobenzene-d5	8.98	82	2131	0.34	ng	0.00
11) 2-Methylnaphthalene-d10	12.22	152	5112	0.46	ng	0.00
14) 2,4,6-Tribromophenol	15.98	330	819	0.30	ng	0.00
15) 2-Fluorobiphenyl	13.12	172	5937	0.34	ng	0.00
25) Fluoranthene-d10	19.27	212	59037	0.34	ng	0.00
29) Terphenyl-d14	19.87	244	12747	0.40	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.31	88	832	0.308	ng	# 63
3) n-Nitrosodimethylamine	3.62	42	532	0.318	ng	# 91
6) bis(2-Chloroethyl)ether	7.24	93	1996	0.349	ng	97
9) Naphthalene	10.68	128	25694	0.360	ng	100
10) Hexachlorobutadiene	10.95	225	1734	0.336	ng	95
12) 2-Methylnaphthalene	12.30	142	4330	0.371	ng	97
16) Acenaphthylene	14.21	152	7188	0.326	ng	99
17) Acenaphthene	14.56	154	4272	0.347	ng	98
18) Fluorene	15.53	166	6109	0.348	ng	98
20) 4-Bromophenyl-phenylether	16.42	248	2459	0.324	ng	99
21) Hexachlorobenzene	16.54	284	2571	0.338	ng	99
22) Pentachlorophenol	16.91	266	582	0.386	ng	95
23) Phenanthrene	17.28	178	11481	0.348	ng	99
24) Anthracene	17.37	178	10509	0.339	ng	99
26) Fluoranthene	19.30	202	17543	0.353	ng	99
28) Pyrene	19.67	202	18141	0.388	ng	99
30) Benzo(a)anthracene	21.40	228	21993	0.406	ng	97
31) Chrysene	21.46	228	20822	0.384	ng	98
32) Bis(2-ethylhexyl)phthalate	21.32	149	32700	0.420	ng	100
33) Indeno(1,2,3-cd)pyrene	26.67	276	25459	0.376	ng	100
35) Benzo(b)fluoranthene	23.18	252	21272	0.376	ng	100
36) Benzo(k)fluoranthene	23.24	252	21435	0.382	ng	98
37) Benzo(a)pyrene	23.86	252	20706	0.378	ng	99
38) Dibenzo(a,h)anthracene	26.70	278	21399	0.374	ng	99
39) Benzo(g,h,i)perylene	27.50	276	21485	0.371	ng	99

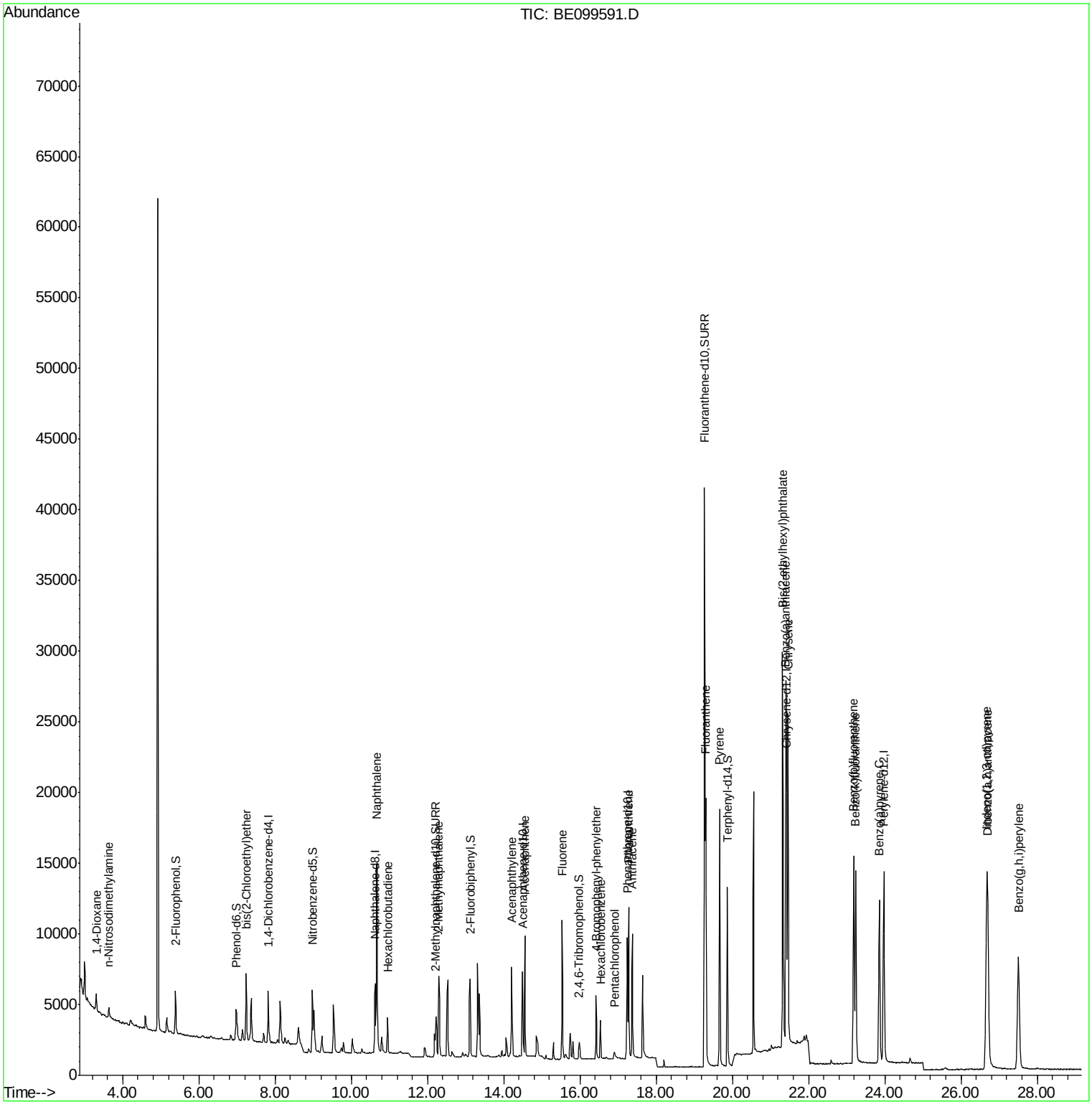
(#) = qualifier out of range (m) = manual integration (+) = signals summed

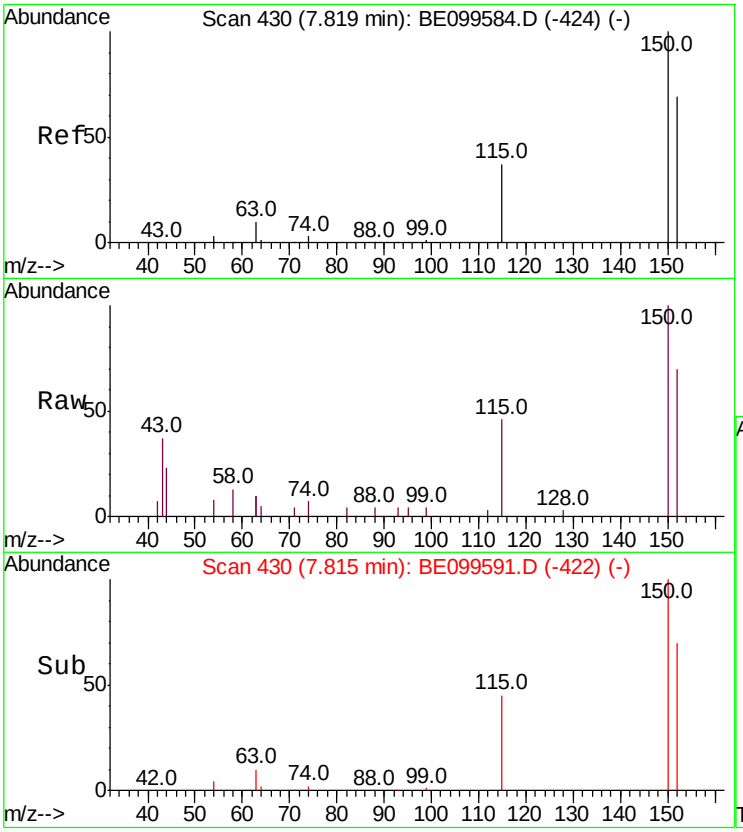
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE050919\
Data File : BE099591.D
Acq On : 9 May 2019 16:34
Operator : JU/SJ
Sample : PB119482BSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
PB119482BSD

Quant Time: May 10 07:03:47 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE050919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 09 13:32:58 2019
Response via : Initial Calibration



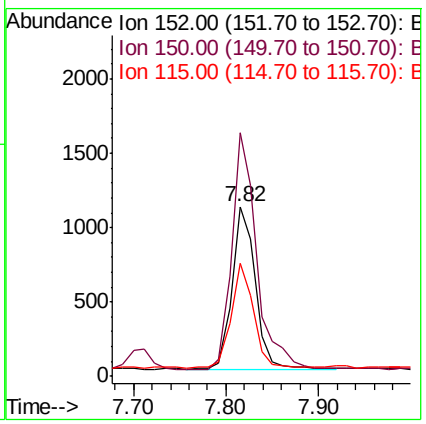


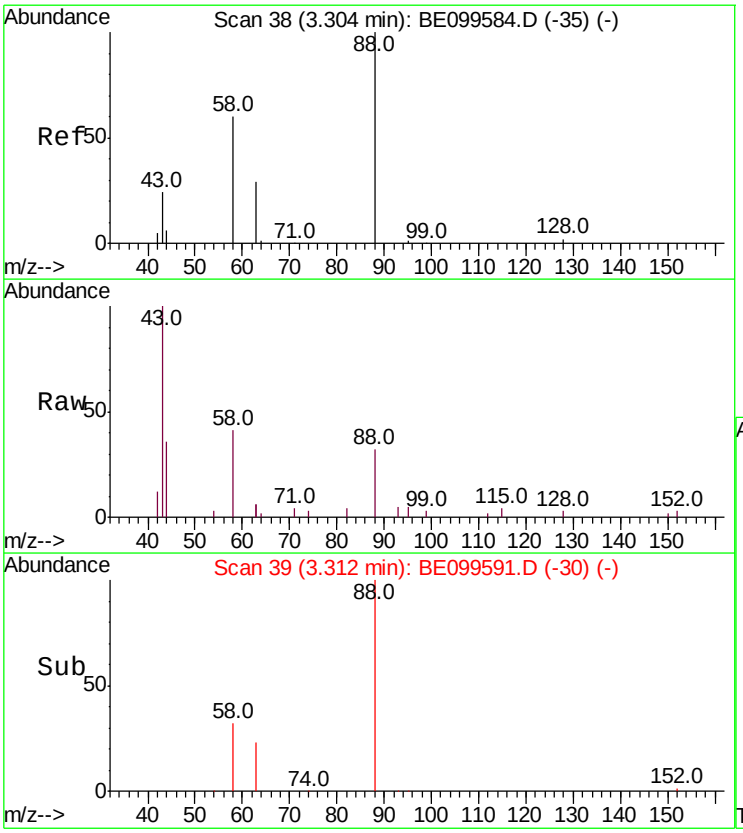
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.82 min Scan# 430
Delta R.T. -0.00 min
Lab File: BE099591.D
Acq: 9 May 2019 16:34

Instrument :
BNA_E
ClientSampleId :
PB119482BSD

Tgt Ion:152 Resp: 1916

Ion	Ratio	Lower	Upper
152	100		
150	143.3	114.2	171.4
115	66.5	45.4	68.0

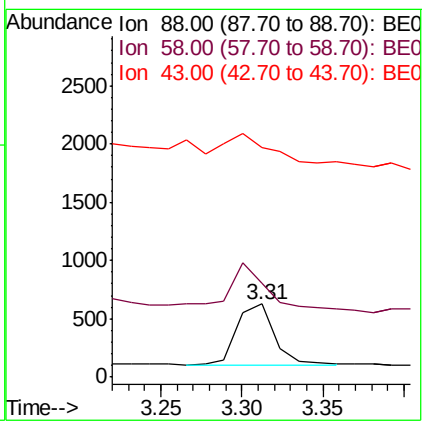


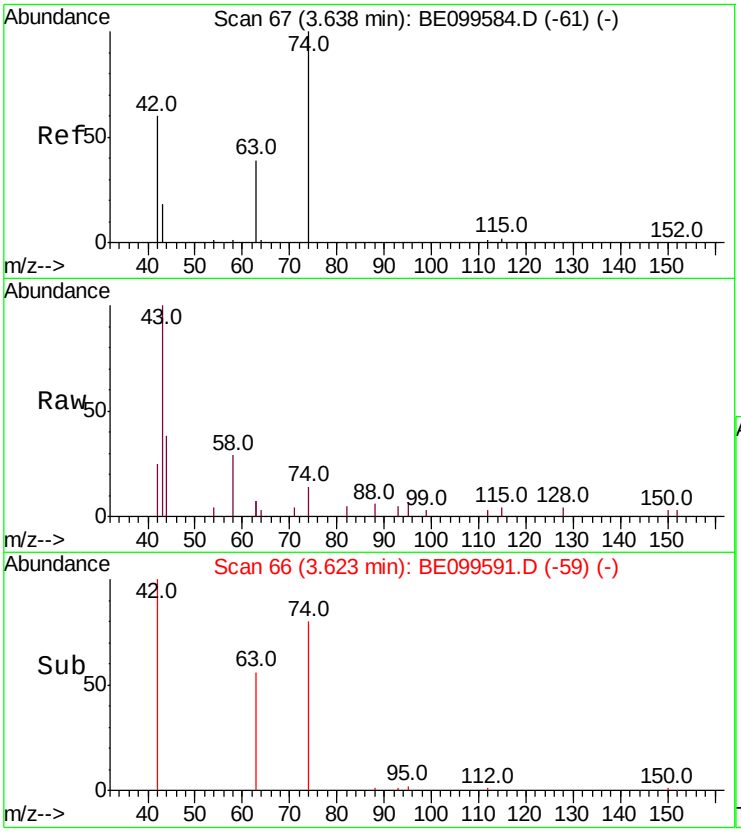


#2
1,4-Dioxane
Concen: 0.308 ng
RT: 3.31 min Scan# 39
Delta R.T. 0.01 min
Lab File: BE099591.D
Acq: 9 May 2019 16:34

Tgt Ion: 88 Resp: 832

Ion	Ratio	Lower	Upper
88	100		
58	72.2	41.3	61.9#
43	53.5	21.0	31.6#



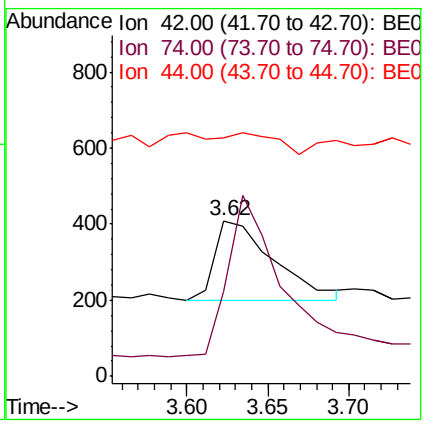


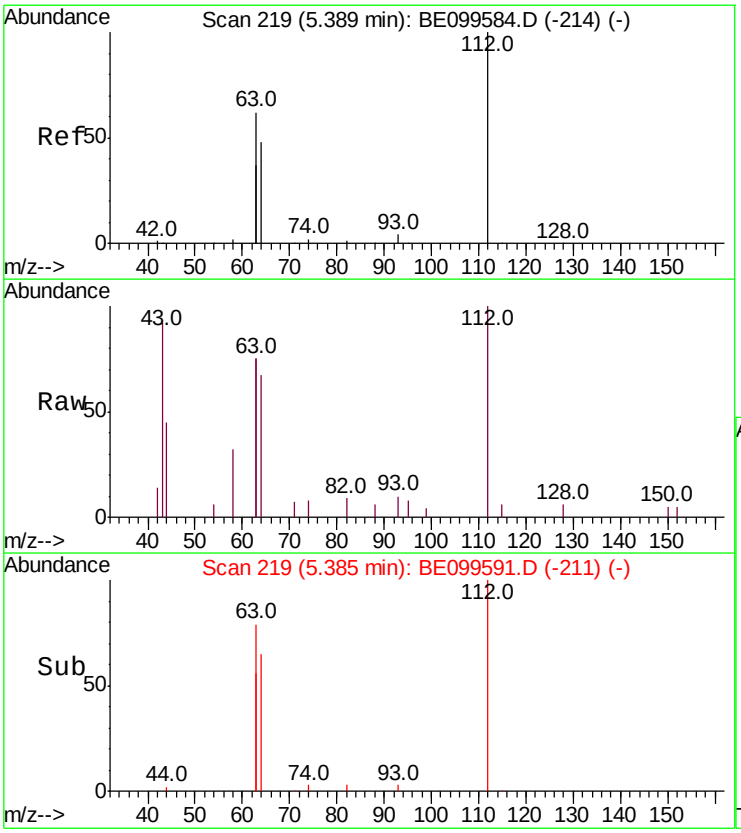
#3
n-Nitrosodimethylamine
Concen: 0.318 ng
RT: 3.62 min Scan# 66
Delta R.T. -0.02 min
Lab File: BE099591.D
Acq: 9 May 2019 16:34

Instrument :
BNA_E
ClientSampleId :
PB119482BSD

Tgt Ion: 42 Resp: 532

Ion	Ratio	Lower	Upper
42	100		
74	181.8	136.9	205.3
44	0.0	7.1	10.7#

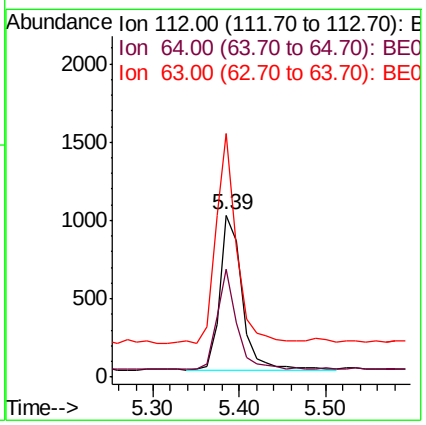


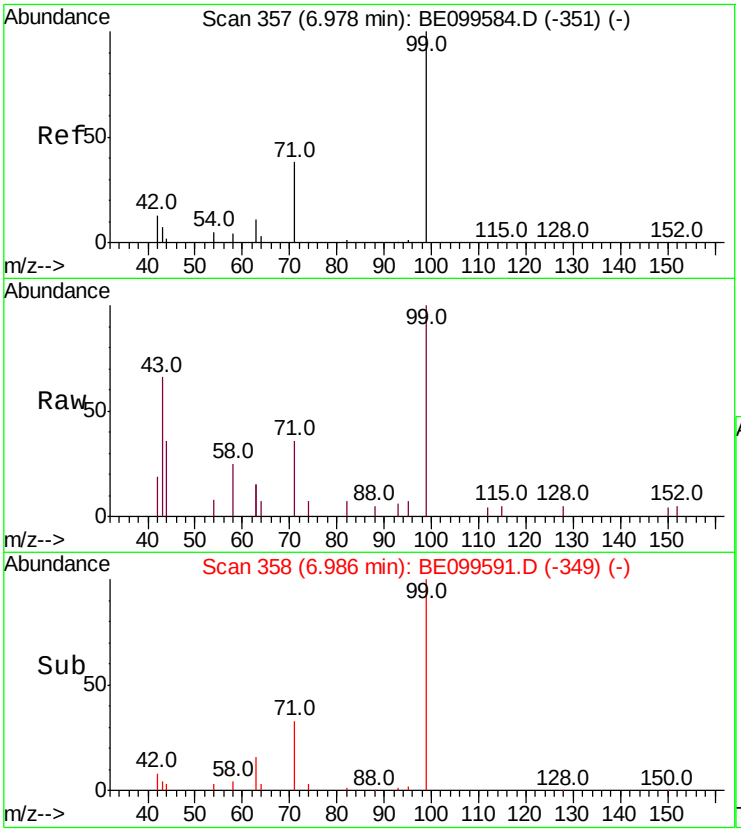


#4
2-Fluorophenol
Concen: 0.335 ng
RT: 5.39 min Scan# 219
Delta R.T. -0.00 min
Lab File: BE099591.D
Acq: 9 May 2019 16:34

Tgt Ion:112 Resp: 1757

Ion	Ratio	Lower	Upper
112	100		
64	59.1	46.2	69.4
63	126.4	100.2	150.4



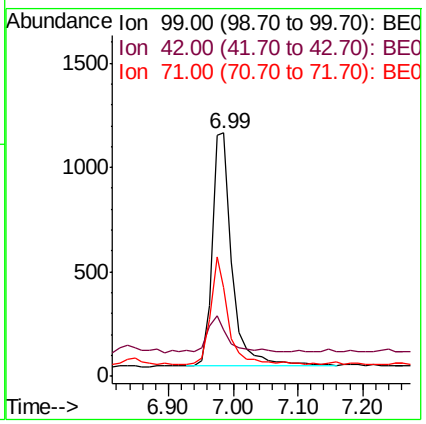


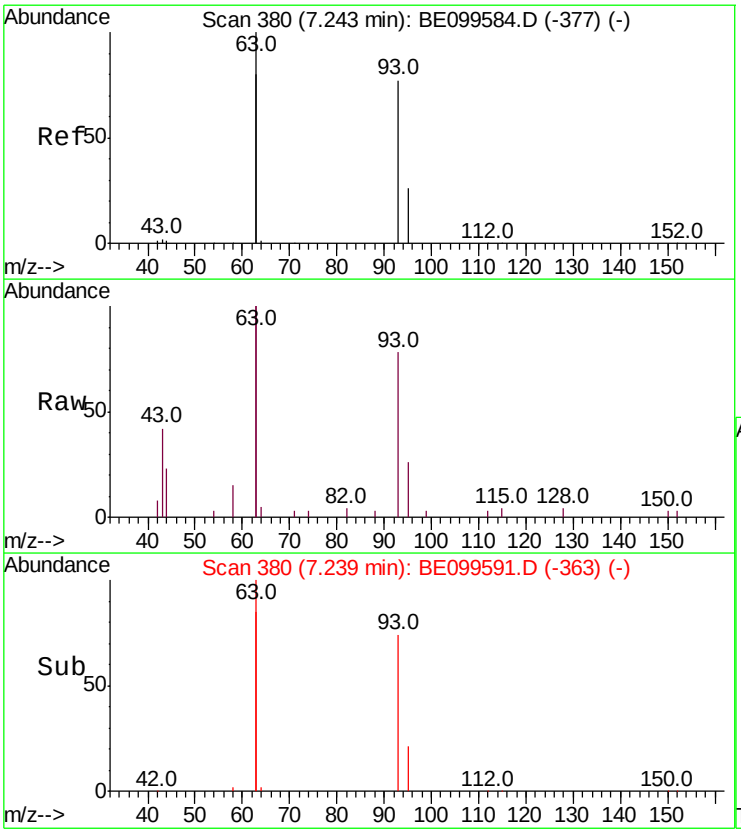
#5
Phenol-d6
Concen: 0.355 ng
RT: 6.99 min Scan# 358
Delta R.T. 0.01 min
Lab File: BE099591.D
Acq: 9 May 2019 16:34

Instrument :
BNA_E
ClientSampleId :
PB119482BSD

Tgt Ion: 99 Resp: 2442

Ion	Ratio	Lower	Upper
99	100		
42	15.4	13.8	20.8
71	39.6	32.2	48.4

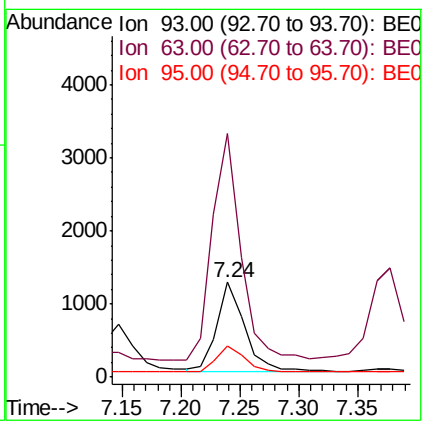


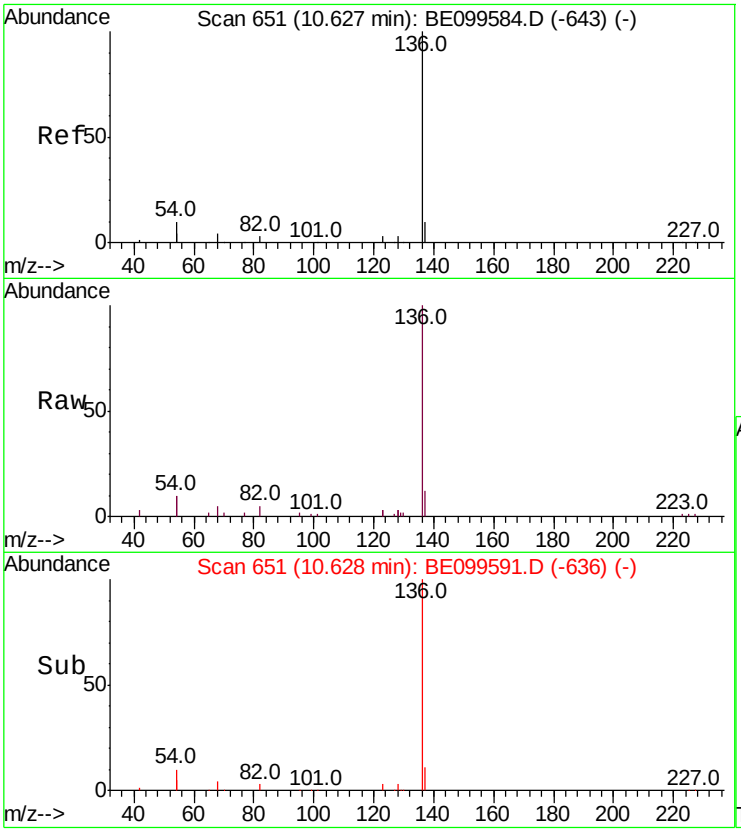


#6
bis(2-Chloroethyl)ether
Concen: 0.349 ng
RT: 7.24 min Scan# 380
Delta R.T. -0.00 min
Lab File: BE099591.D
Acq: 9 May 2019 16:34

Tgt Ion: 93 Resp: 1996

Ion	Ratio	Lower	Upper
93	100		
63	260.6	213.4	320.0
95	31.6	24.9	37.3



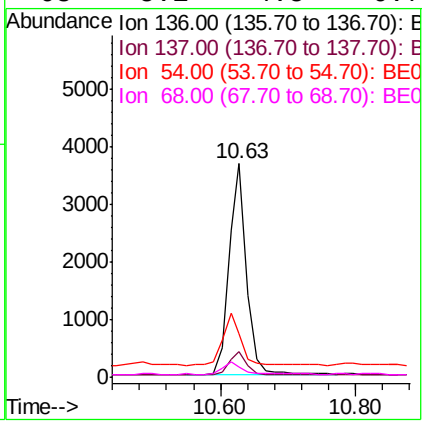


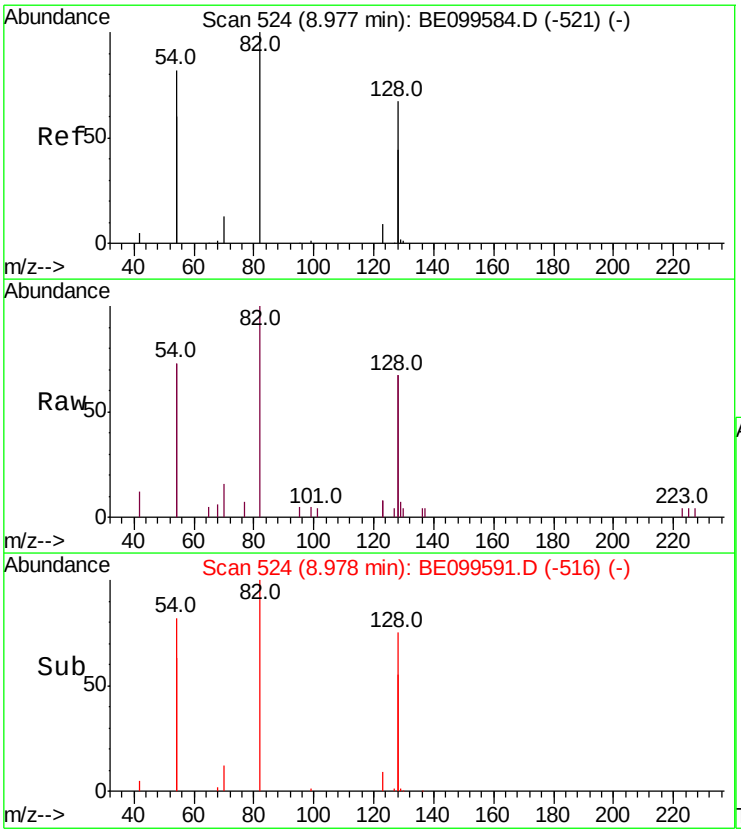
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.63 min Scan# 651
Delta R.T. 0.00 min
Lab File: BE099591.D
Acq: 9 May 2019 16:34

Instrument :
BNA_E
ClientSampleId :
PB119482BSD

Tgt Ion:136 Resp: 6705

Ion	Ratio	Lower	Upper
136	100		
137	12.1	9.1	13.7
54	20.6	16.5	24.7
68	5.1	4.5	6.7

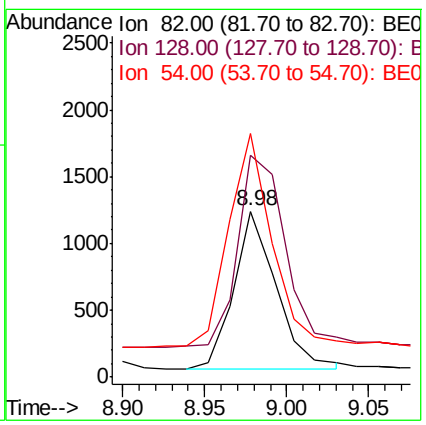


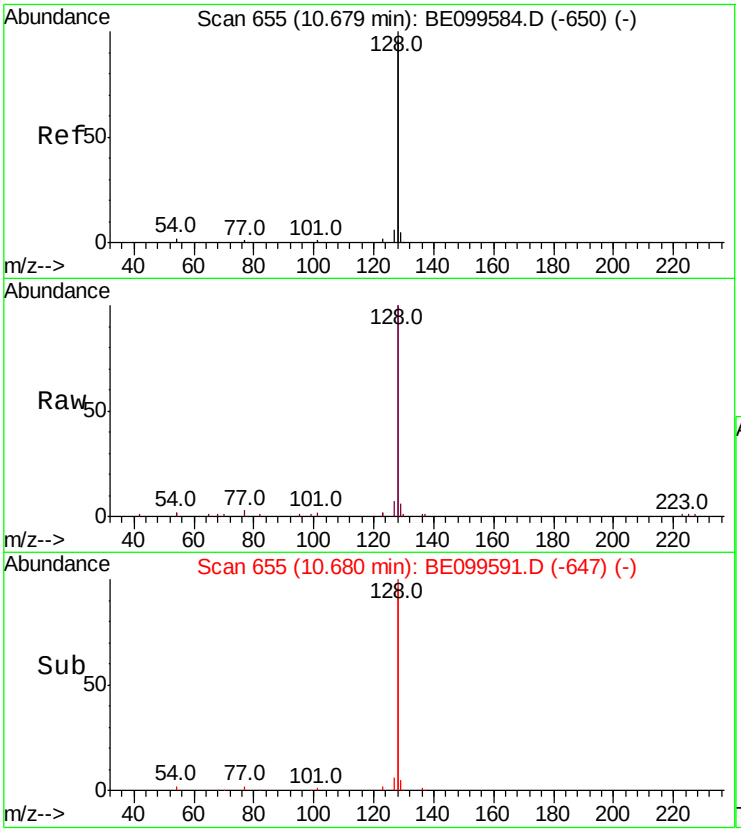


#8
Nitrobenzene-d5
Concen: 0.339 ng
RT: 8.98 min Scan# 524
Delta R.T. 0.00 min
Lab File: BE099591.D
Acq: 9 May 2019 16:34

Tgt Ion: 82 Resp: 2131

Ion	Ratio	Lower	Upper
82	100		
128	133.9	101.5	152.3
54	146.8	123.8	185.6



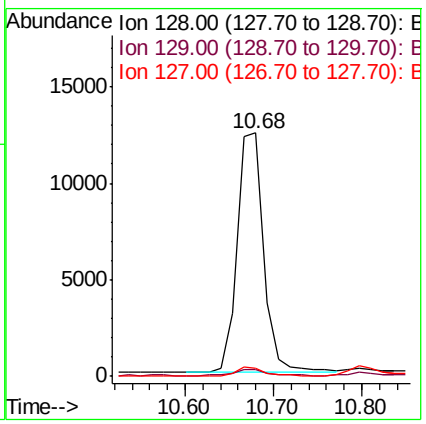


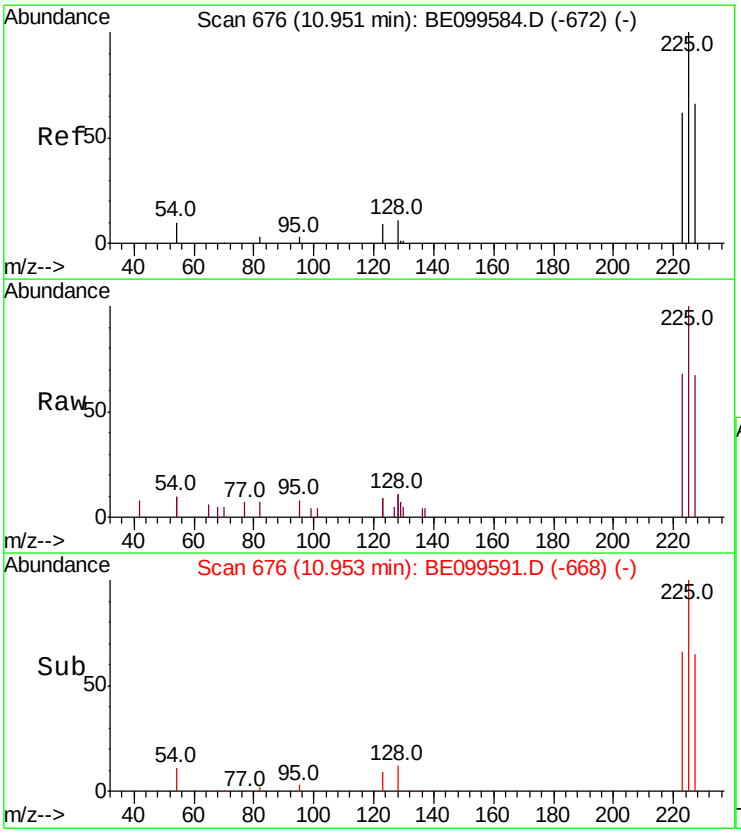
#9
Naphthalene
Concen: 0.360 ng
RT: 10.68 min Scan# 655
Delta R.T. 0.00 min
Lab File: BE099591.D
Acq: 9 May 2019 16:34

Instrument :
BNA_E
ClientSampleId :
PB119482BSD

Tgt Ion:128 Resp: 25694

Ion	Ratio	Lower	Upper
128	100		
129	3.0	2.4	3.6
127	3.5	2.8	4.2

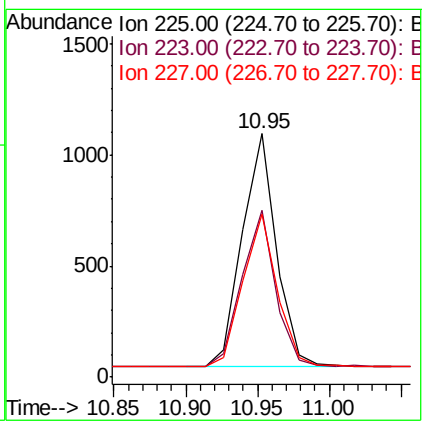


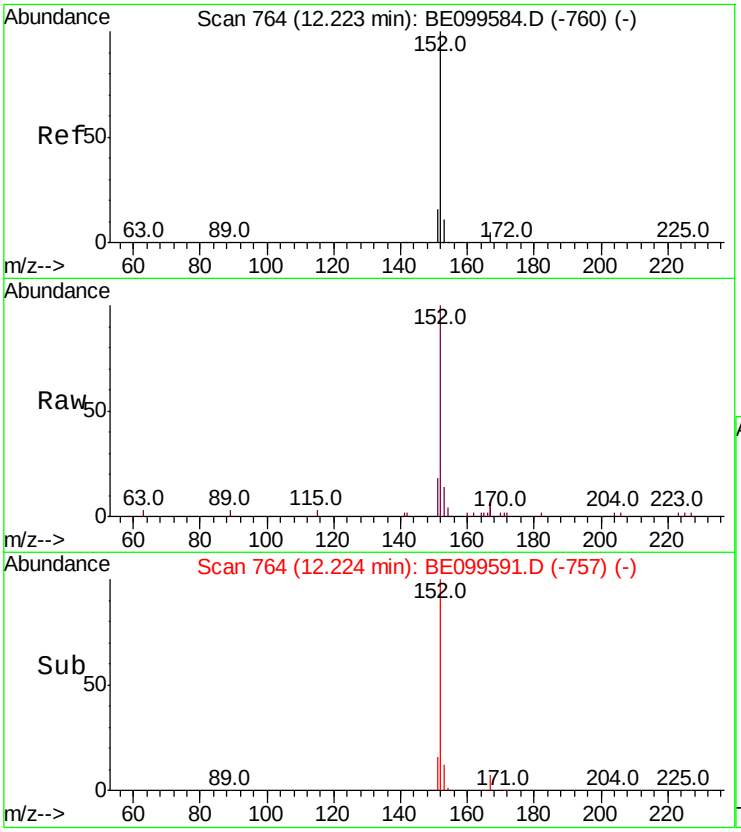


#10
Hexachlorobutadiene
Concen: 0.336 ng
RT: 10.95 min Scan# 676
Delta R.T. 0.00 min
Lab File: BE099591.D
Acq: 9 May 2019 16:34

Tgt Ion:225 Resp: 1734

Ion	Ratio	Lower	Upper
225	100		
223	65.8	49.6	74.4
227	66.4	50.1	75.1



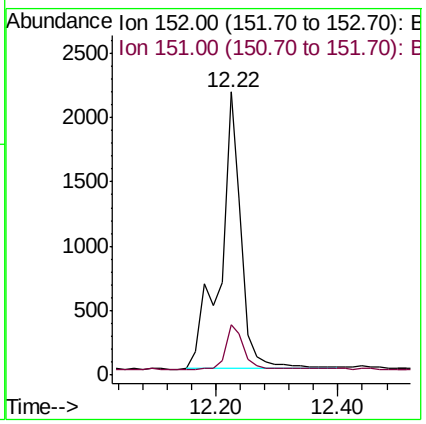


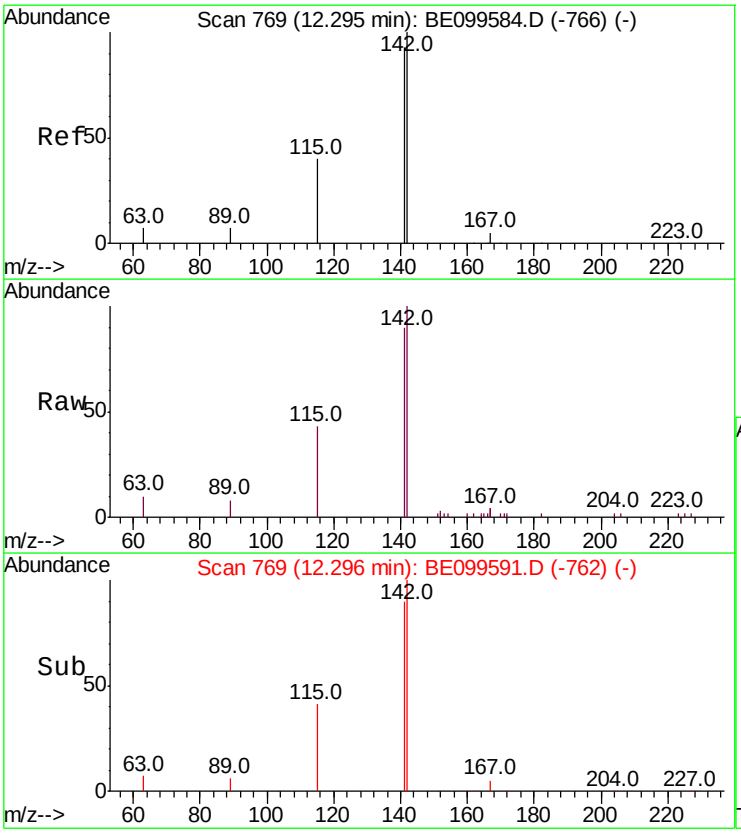
#11
2-Methylnaphthalene-d10
Concen: 0.455 ng
RT: 12.22 min Scan# 764
Delta R.T. 0.00 min
Lab File: BE099591.D
Acq: 9 May 2019 16:34

Instrument :
BNA_E
ClientSampleId :
PB119482BSD

Tgt Ion:152 Resp: 5112

Ion	Ratio	Lower	Upper
152	100		
151	14.2	16.2	24.2#

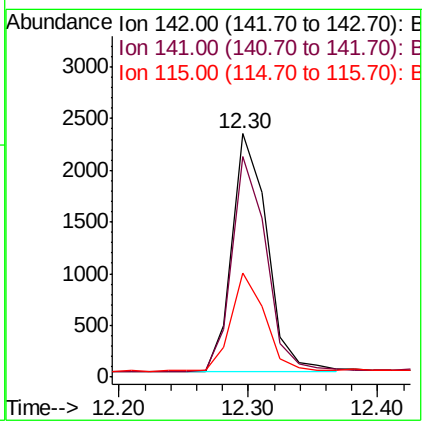


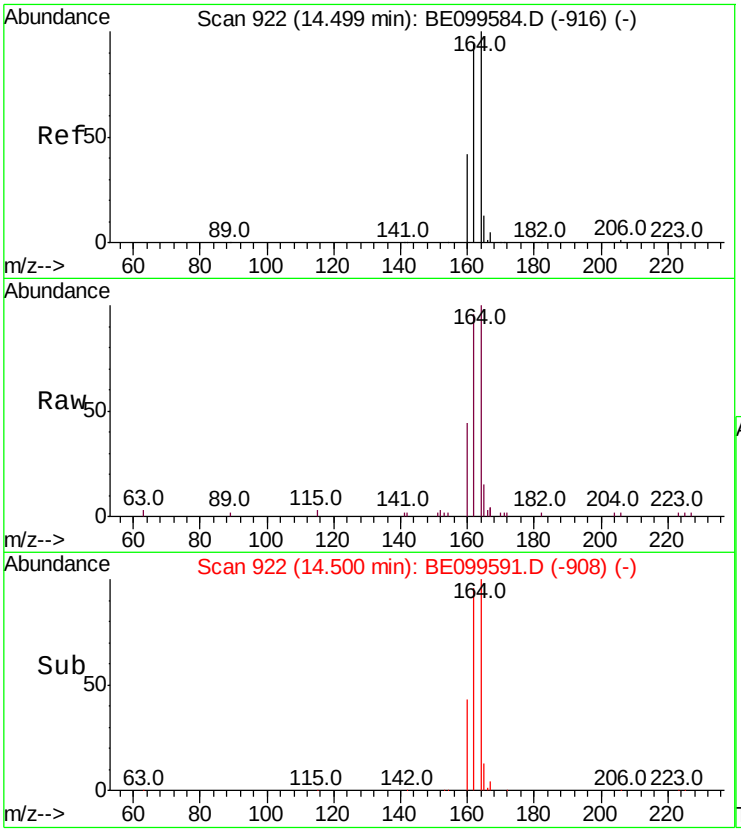


#12
2-Methylnaphthalene
Concen: 0.371 ng
RT: 12.30 min Scan# 769
Delta R.T. 0.00 min
Lab File: BE099591.D
Acq: 9 May 2019 16:34

Tgt Ion:142 Resp: 4330

Ion	Ratio	Lower	Upper
142	100		
141	90.4	75.0	112.4
115	43.0	33.7	50.5



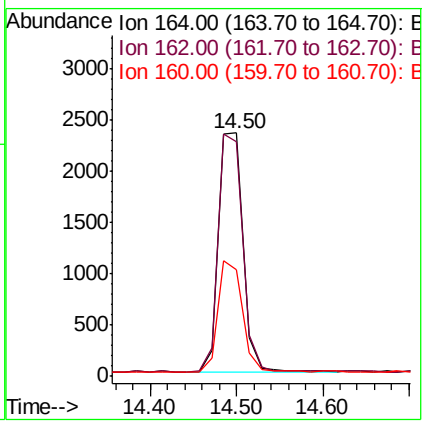


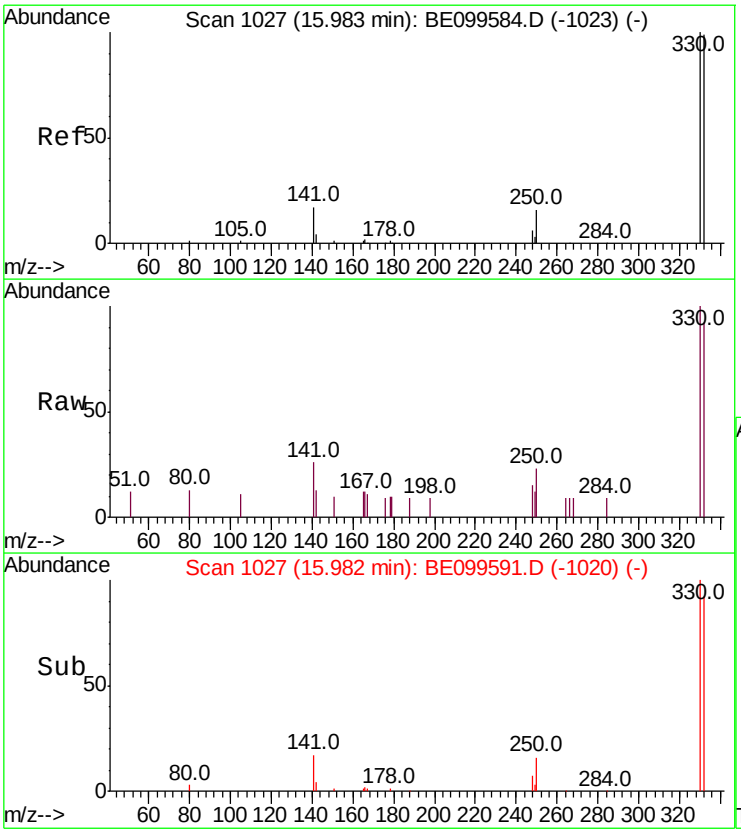
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.50 min Scan# 922
Delta R.T. 0.00 min
Lab File: BE099591.D
Acq: 9 May 2019 16:34

Instrument :
BNA_E
ClientSampleId :
PB119482BSD

Tgt Ion:164 Resp: 4553

Ion	Ratio	Lower	Upper
164	100		
162	96.3	75.3	112.9
160	43.7	34.7	52.1

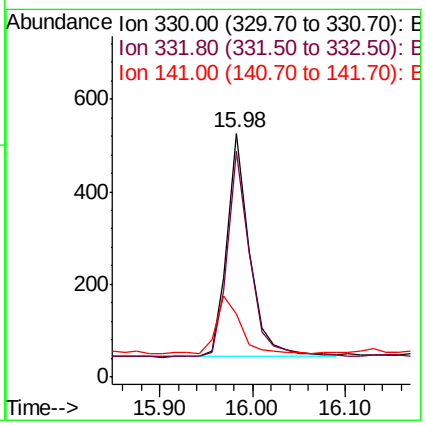


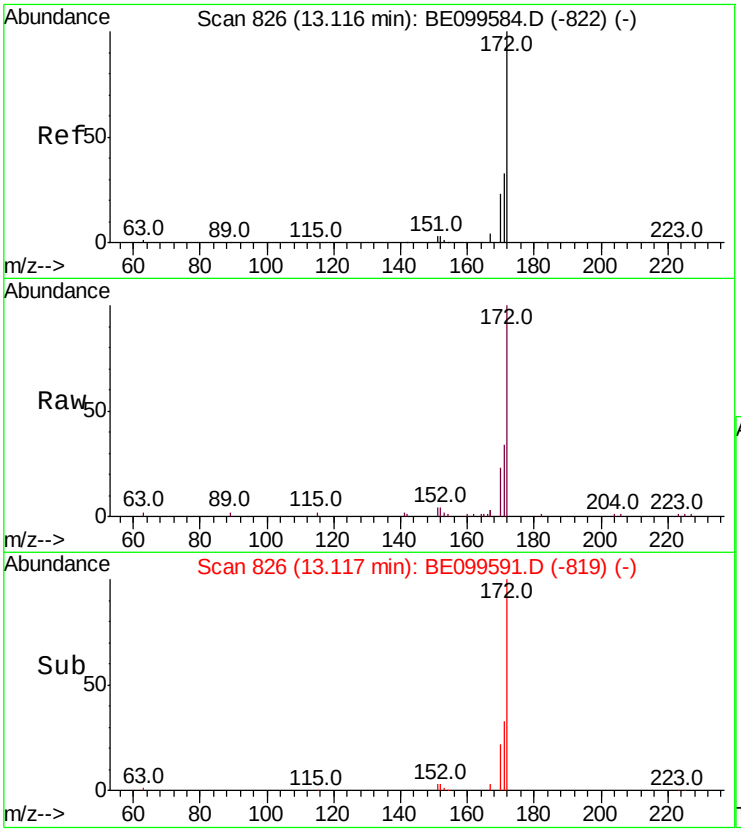


#14
2,4,6-Tribromophenol
Concen: 0.303 ng
RT: 15.98 min Scan# 1027
Delta R.T. -0.00 min
Lab File: BE099591.D
Acq: 9 May 2019 16:34

Tgt Ion:330 Resp: 819

Ion	Ratio	Lower	Upper
330	100		
332	91.9	78.7	118.1
141	27.1	22.3	33.5



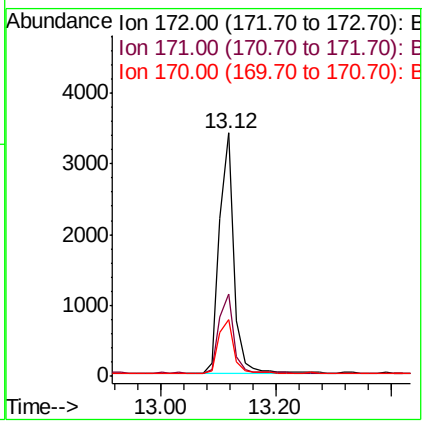


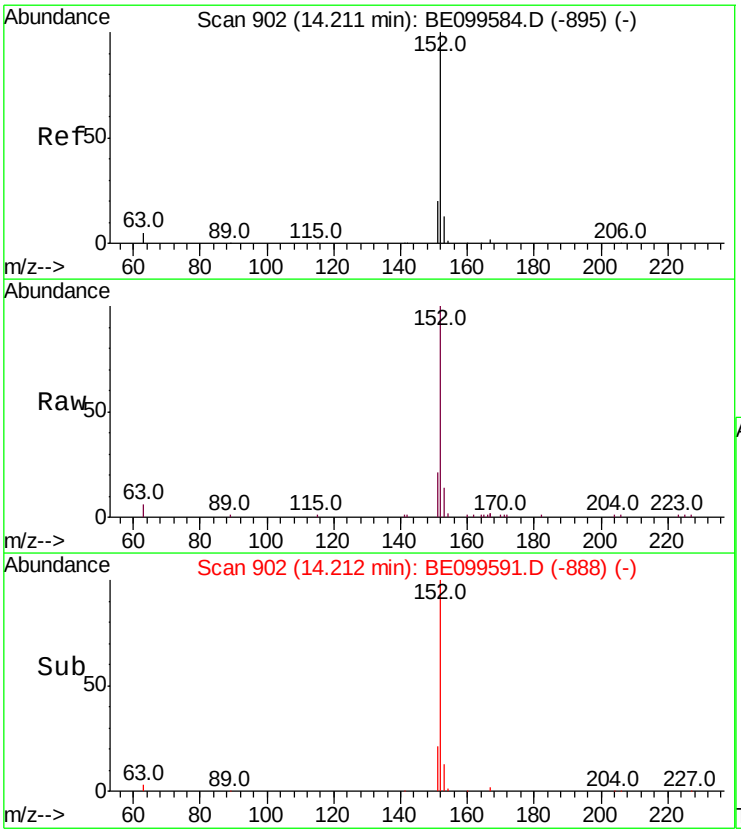
#15
2-Fluorobiphenyl
Concen: 0.336 ng
RT: 13.12 min Scan# 826
Delta R.T. 0.00 min
Lab File: BE099591.D
Acq: 9 May 2019 16:34

Instrument :
BNA_E
ClientSampleId :
PB119482BSD

Tgt Ion:172 Resp: 5937

Ion	Ratio	Lower	Upper
172	100		
171	33.7	27.5	41.3
170	23.4	19.1	28.7

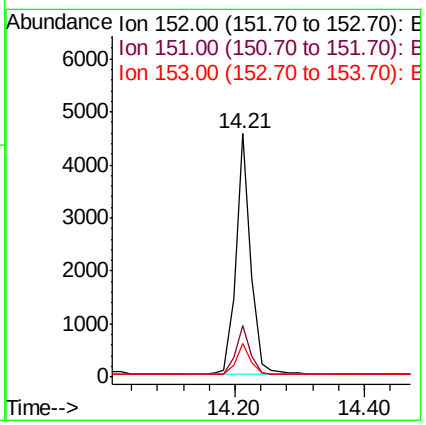


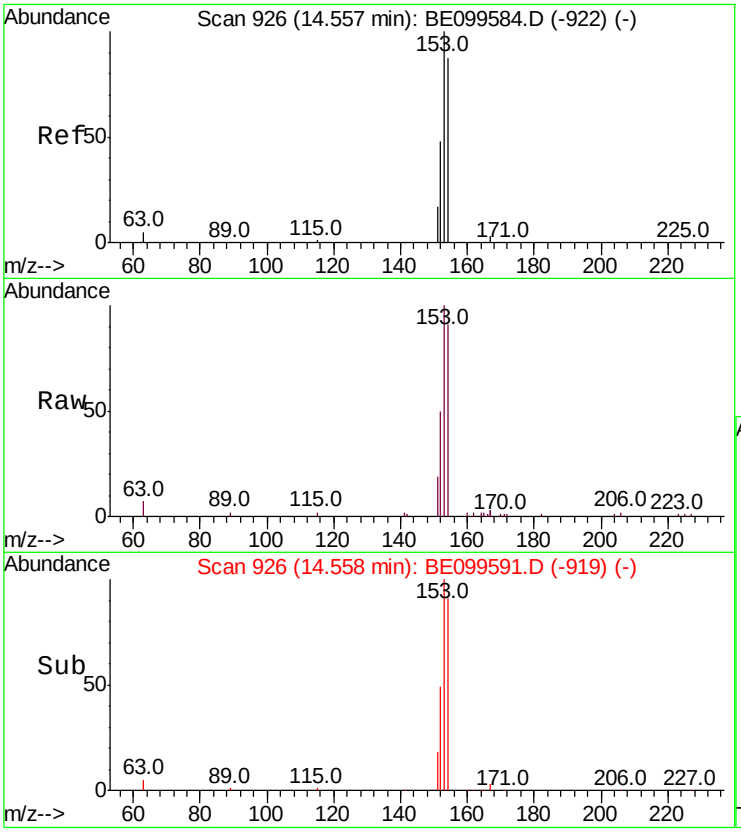


#16
Acenaphthylene
Concen: 0.326 ng
RT: 14.21 min Scan# 902
Delta R.T. 0.00 min
Lab File: BE099591.D
Acq: 9 May 2019 16:34

Tgt Ion:152 Resp: 7188

Ion	Ratio	Lower	Upper
152	100		
151	20.1	15.5	23.3
153	13.0	10.2	15.4



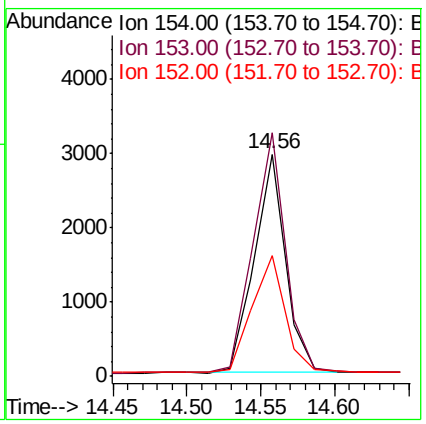


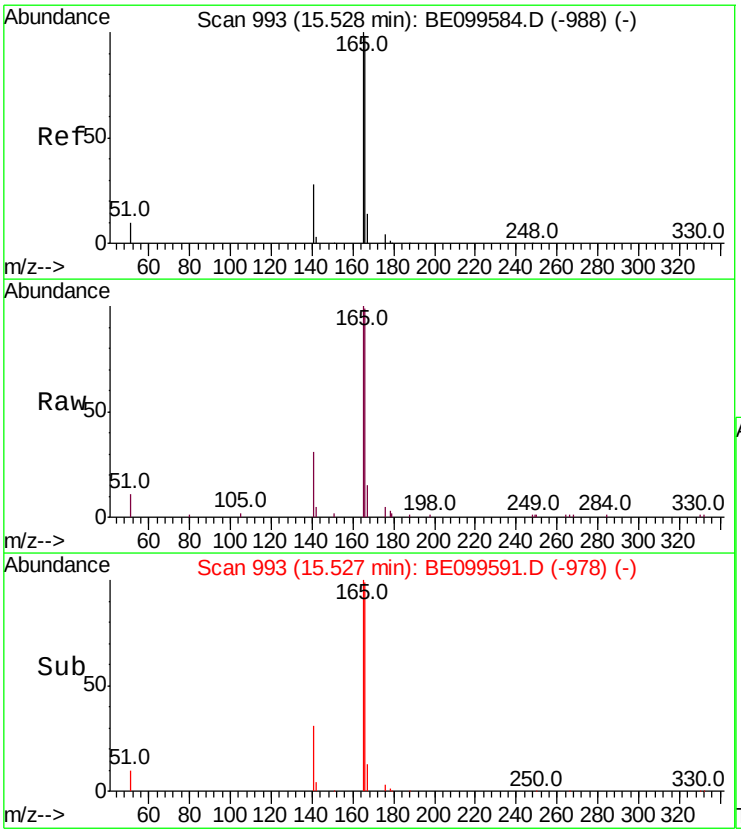
#17
Acenaphthene
Concen: 0.347 ng
RT: 14.56 min Scan# 926
Delta R.T. 0.00 min
Lab File: BE099591.D
Acq: 9 May 2019 16:34

Instrument :
BNA_E
ClientSampleId :
PB119482BSD

Tgt Ion:154 Resp: 4272

Ion	Ratio	Lower	Upper
154	100		
153	113.9	92.9	139.3
152	56.6	46.3	69.5

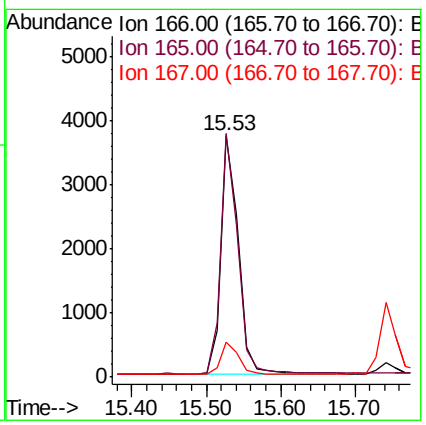


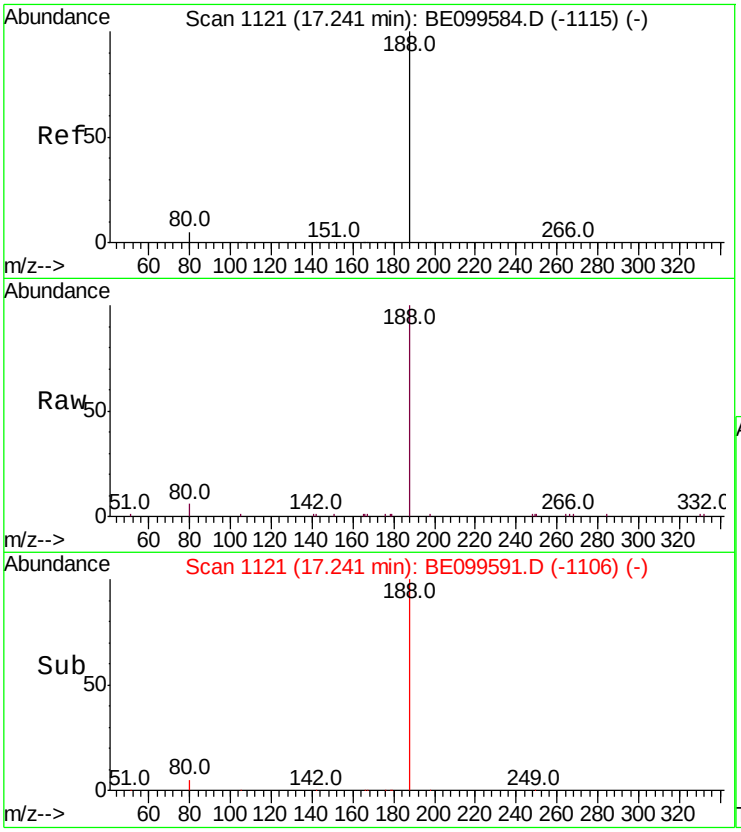


#18
Fluorene
Concen: 0.348 ng
RT: 15.53 min Scan# 993
Delta R.T. -0.00 min
Lab File: BE099591.D
Acq: 9 May 2019 16:34

Tgt Ion:166 Resp: 6109

Ion	Ratio	Lower	Upper
166	100		
165	98.6	80.5	120.7
167	13.5	11.6	17.4



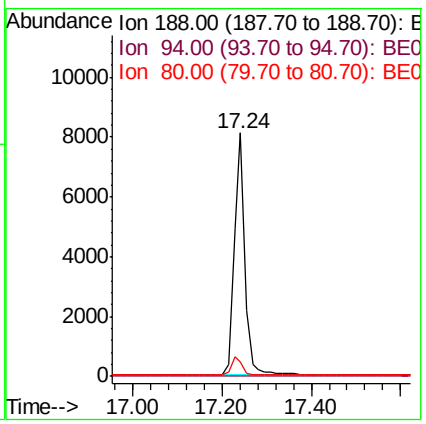


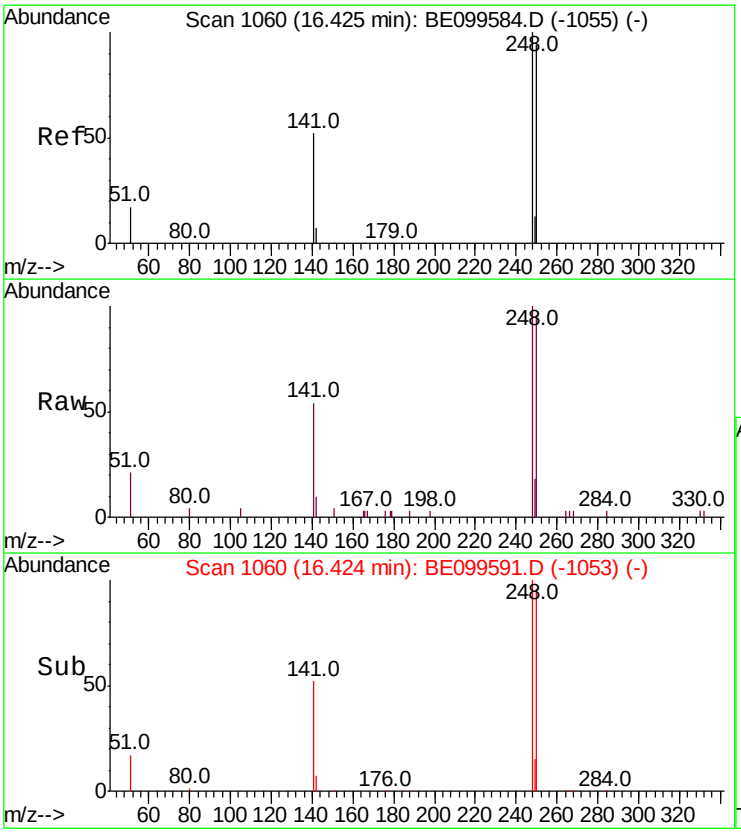
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.24 min Scan# 1121
Delta R.T. -0.00 min
Lab File: BE099591.D
Acq: 9 May 2019 16:34

Instrument :
BNA_E
ClientSampleId :
PB119482BSD

Tgt Ion:188 Resp: 13288

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	5.7	4.4	6.6

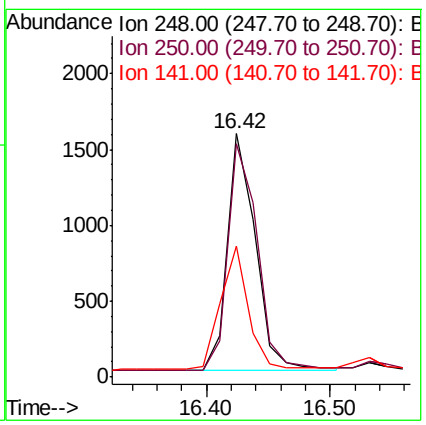


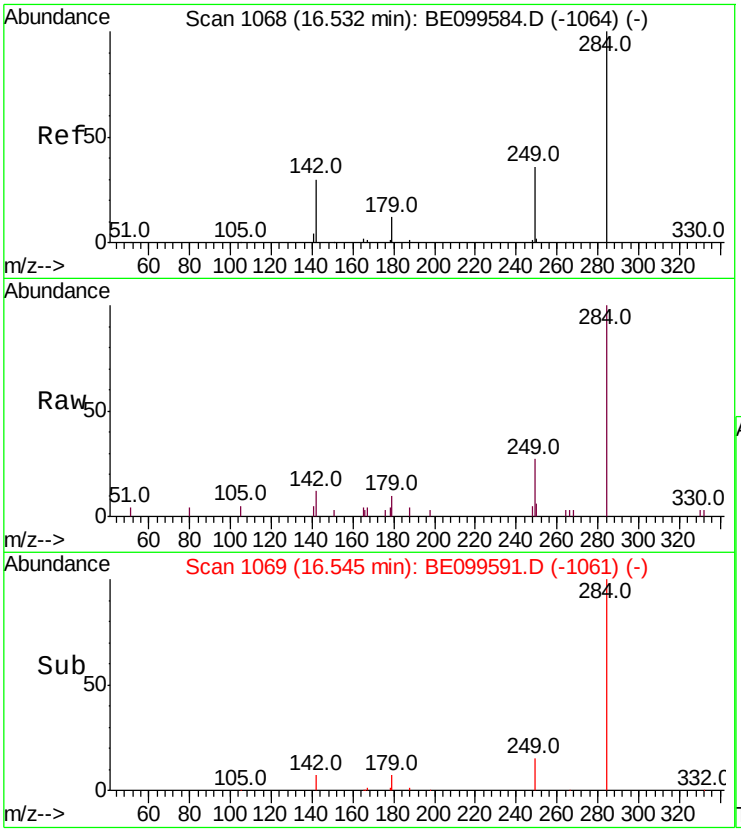


#20
4-Bromophenyl-phenylether
Concen: 0.324 ng
RT: 16.42 min Scan# 1060
Delta R.T. -0.00 min
Lab File: BE099591.D
Acq: 9 May 2019 16:34

Tgt Ion:248 Resp: 2459

Ion	Ratio	Lower	Upper
248	100		
250	96.0	75.7	113.5
141	53.8	42.9	64.3



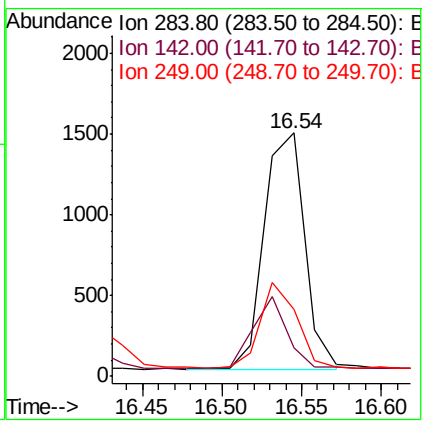


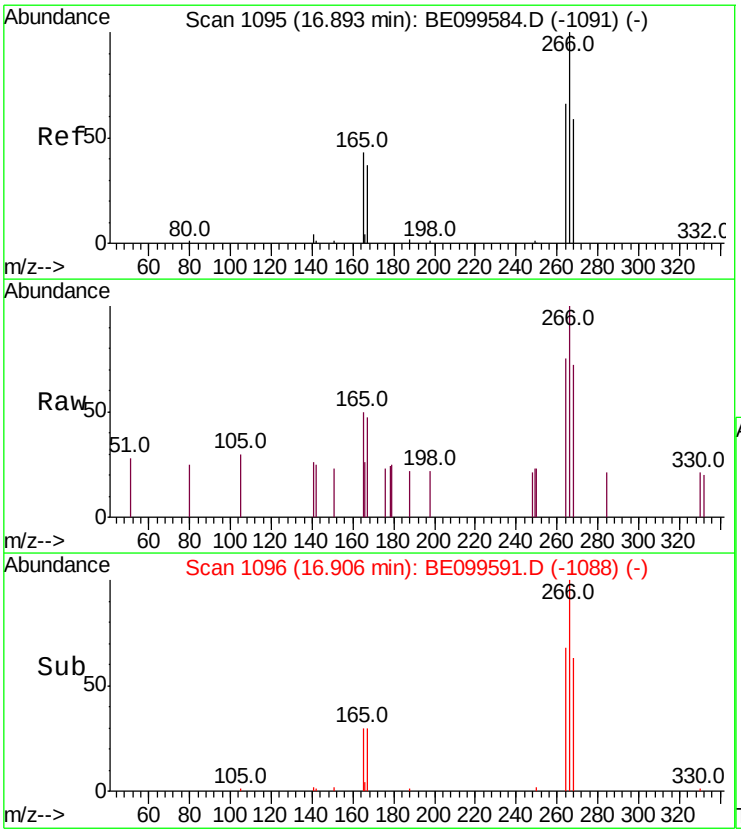
#21
Hexachlorobenzene
Concen: 0.338 ng
RT: 16.54 min Scan# 1069
Delta R.T. 0.01 min
Lab File: BE099591.D
Acq: 9 May 2019 16:34

Instrument :
BNA_E
ClientSampleId :
PB119482BSD

Tgt Ion:284 Resp: 2571

Ion	Ratio	Lower	Upper
284	100		
142	25.5	20.6	30.8
249	32.7	25.8	38.6

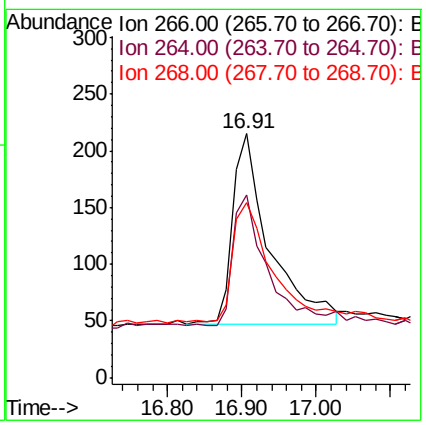


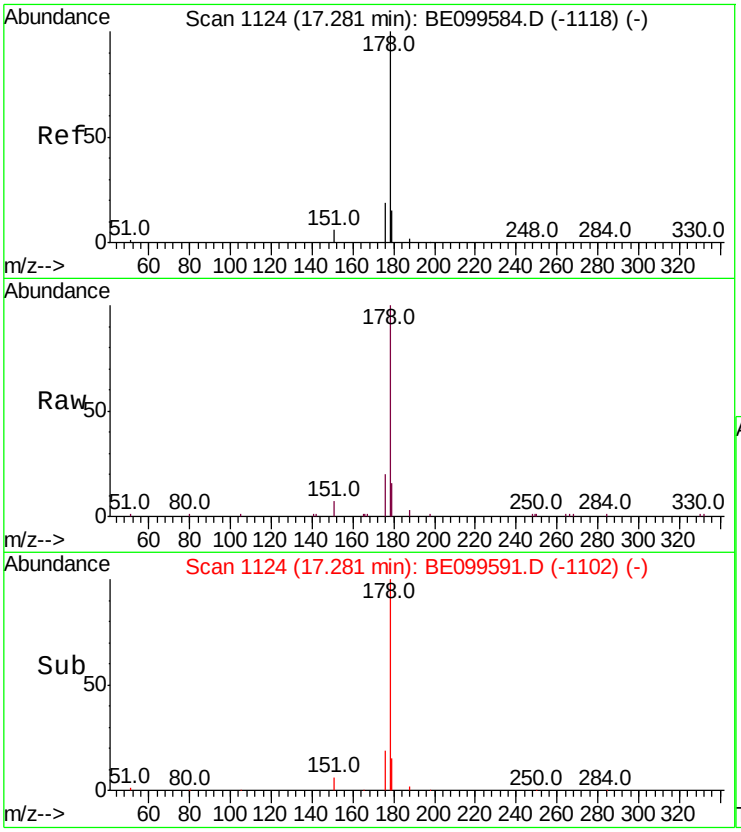


#22
Pentachlorophenol
Concen: 0.386 ng
RT: 16.91 min Scan# 1096
Delta R.T. 0.01 min
Lab File: BE099591.D
Acq: 9 May 2019 16:34

Tgt Ion:266 Resp: 582

Ion	Ratio	Lower	Upper
266	100		
264	74.9	57.3	85.9
268	71.6	53.5	80.3



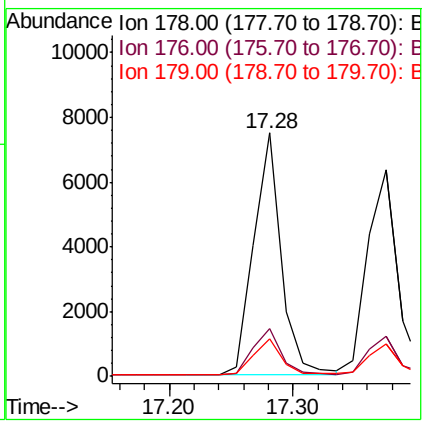


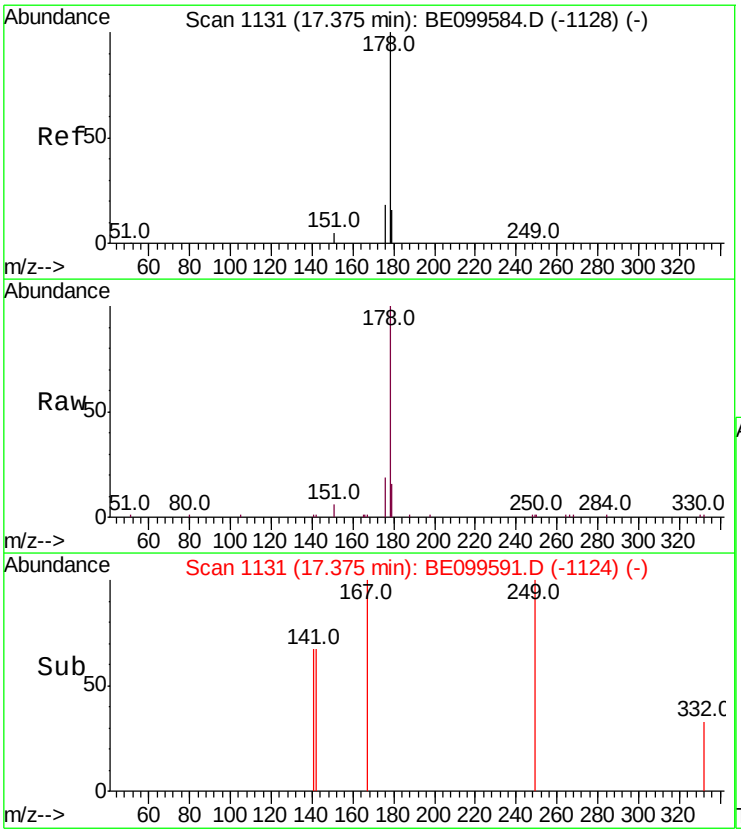
#23
Phenanthrene
Concen: 0.348 ng
RT: 17.28 min Scan# 1124
Delta R.T. -0.00 min
Lab File: BE099591.D
Acq: 9 May 2019 16:34

Instrument :
BNA_E
ClientSampleId :
PB119482BSD

Tgt Ion:178 Resp: 11481

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.8	23.6
179	15.1	12.2	18.2

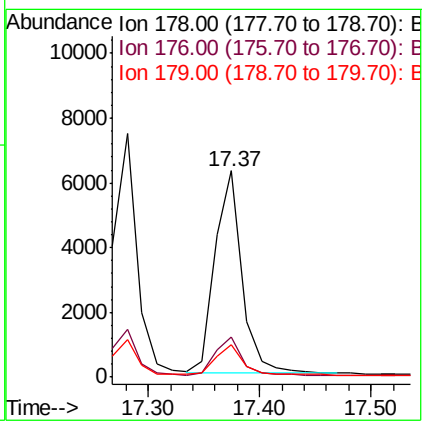


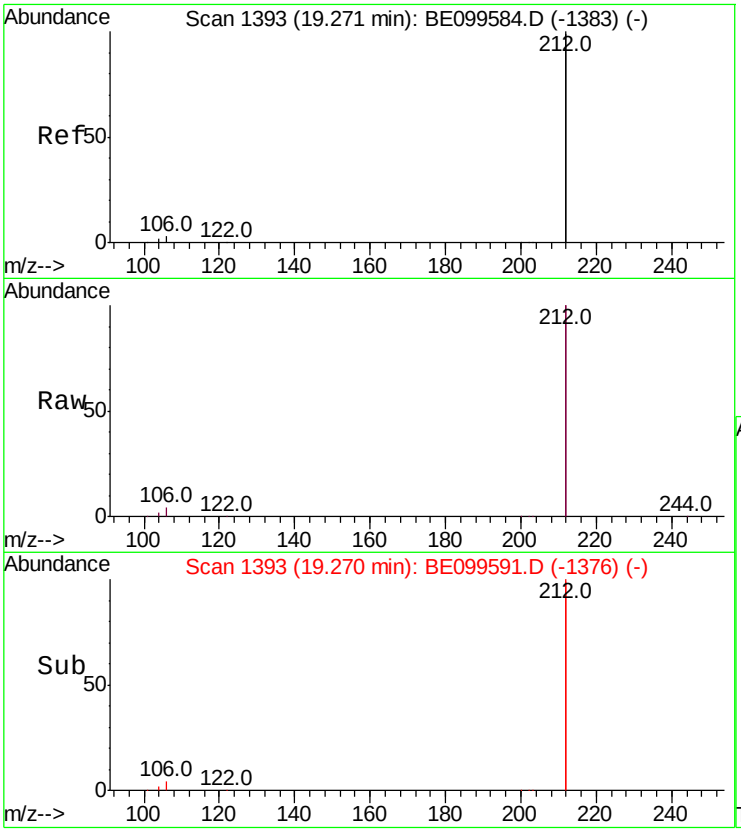


#24
Anthracene
Concen: 0.339 ng
RT: 17.37 min Scan# 1131
Delta R.T. -0.00 min
Lab File: BE099591.D
Acq: 9 May 2019 16:34

Tgt Ion:178 Resp: 10509

Ion	Ratio	Lower	Upper
178	100		
176	18.3	14.8	22.2
179	14.5	12.3	18.5



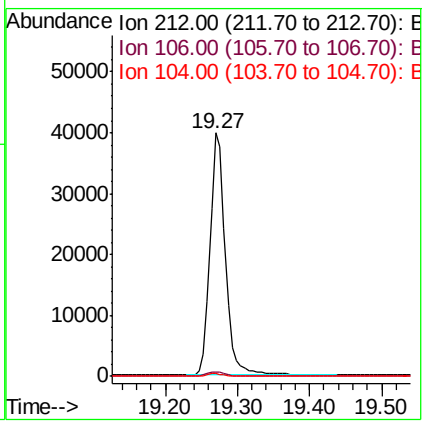


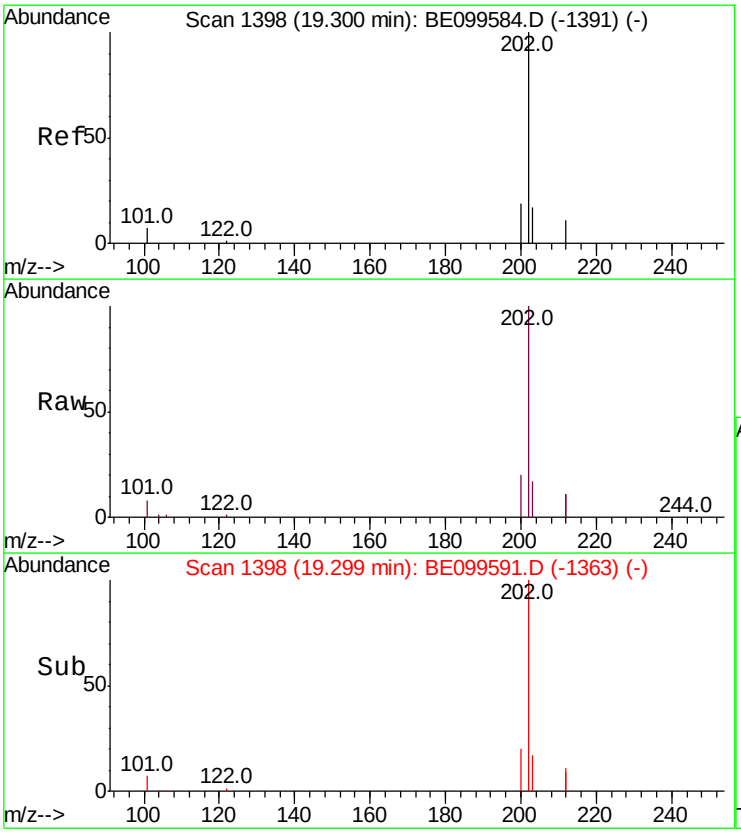
#25
Fluoranthene-d10
Concen: 0.338 ng
RT: 19.27 min Scan# 1393
Delta R.T. -0.00 min
Lab File: BE099591.D
Acq: 9 May 2019 16:34

Instrument :
BNA_E
ClientSampleId :
PB119482BSD

Tgt Ion:212 Resp: 59037

Ion	Ratio	Lower	Upper
212	100		
106	1.9	1.4	2.2
104	1.0	0.9	1.3

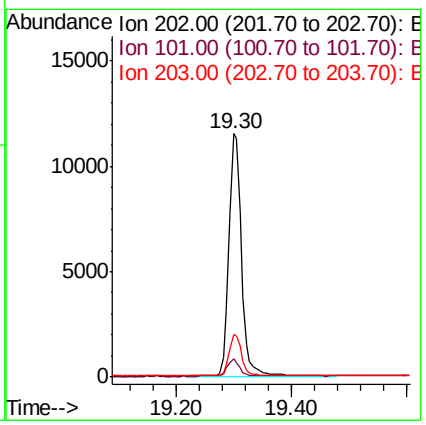


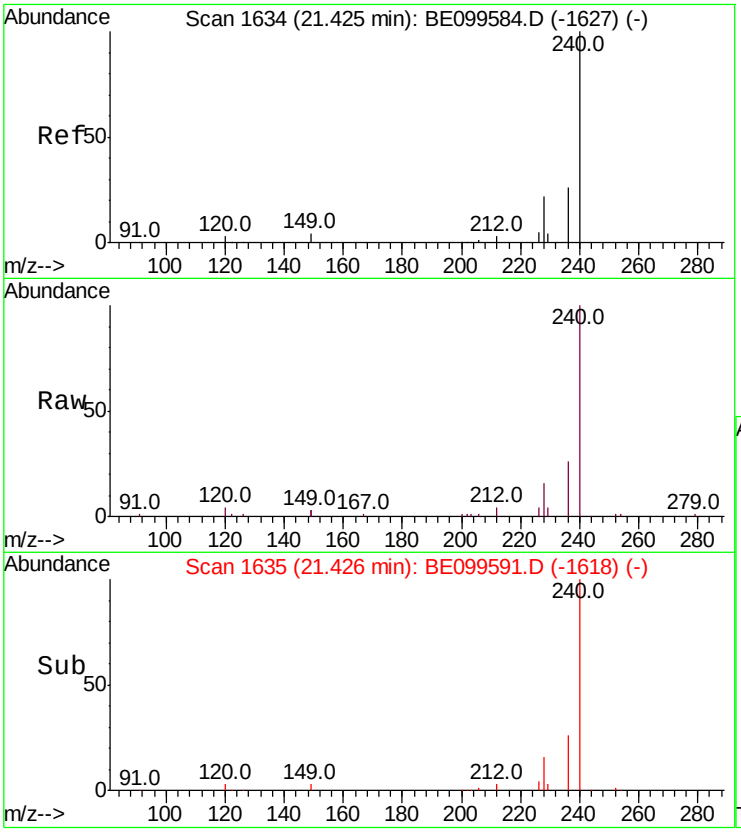


#26
Fluoranthene
Concen: 0.353 ng
RT: 19.30 min Scan# 1398
Delta R.T. -0.00 min
Lab File: BE099591.D
Acq: 9 May 2019 16:34

Tgt Ion:202 Resp: 17543

Ion	Ratio	Lower	Upper
202	100		
101	6.9	5.4	8.2
203	16.8	13.7	20.5



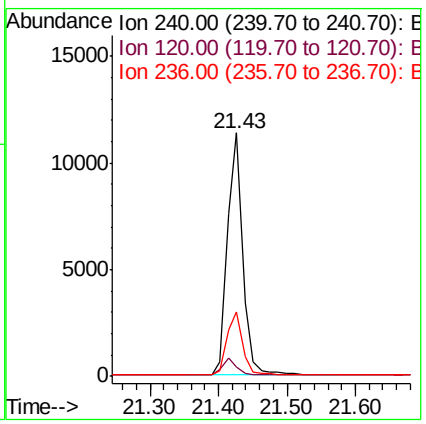


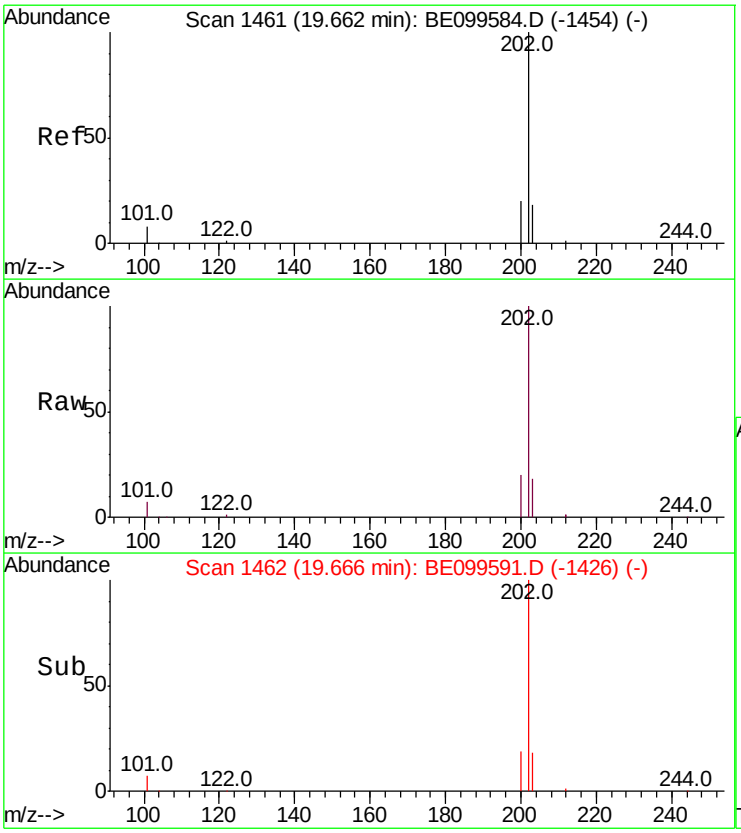
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.43 min Scan# 1635
Delta R.T. 0.00 min
Lab File: BE099591.D
Acq: 9 May 2019 16:34

Instrument :
BNA_E
ClientSampleId :
PB119482BSD

Tgt Ion:240 Resp: 17757

Ion	Ratio	Lower	Upper
240	100		
120	3.6	3.2	4.8
236	26.4	21.0	31.6

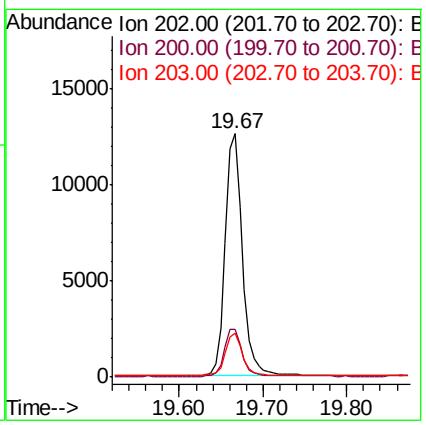


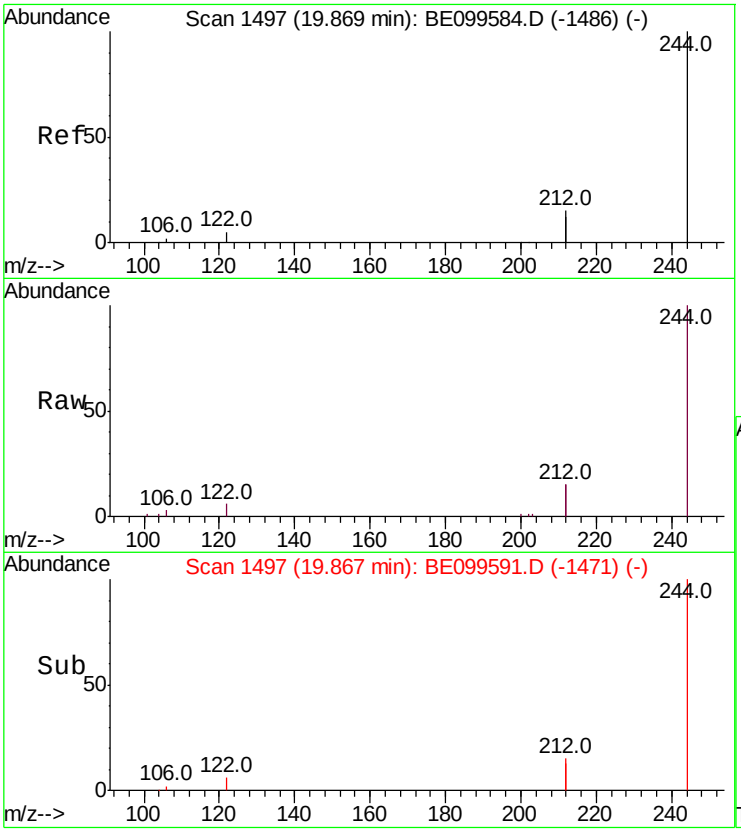


#28
Pyrene
Concen: 0.388 ng
RT: 19.67 min Scan# 1462
Delta R.T. 0.00 min
Lab File: BE099591.D
Acq: 9 May 2019 16:34

Tgt Ion:202 Resp: 18141

Ion	Ratio	Lower	Upper
202	100		
200	19.8	15.9	23.9
203	18.1	14.1	21.1



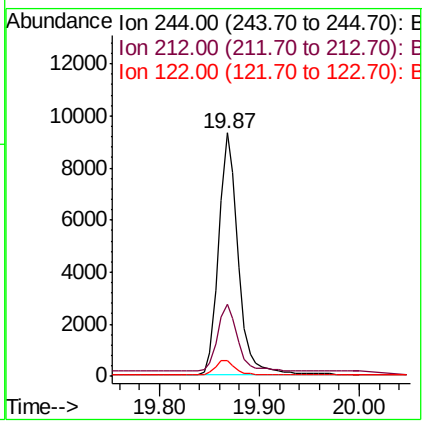


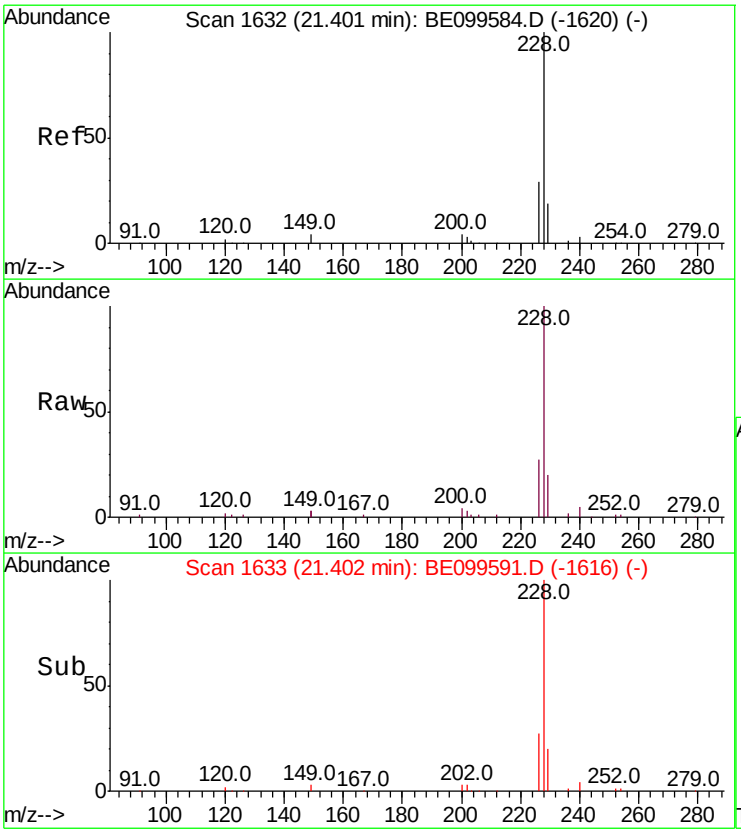
#29
Terphenyl-d14
Concen: 0.404 ng
RT: 19.87 min Scan# 1497
Delta R.T. -0.00 min
Lab File: BE099591.D
Acq: 9 May 2019 16:34

Instrument :
BNA_E
ClientSampleId :
PB119482BSD

Tgt Ion:244 Resp: 12747

Ion	Ratio	Lower	Upper
244	100		
212	29.6	24.4	36.6
122	6.2	4.6	6.8

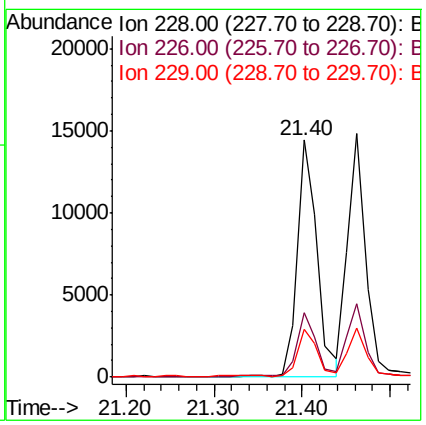


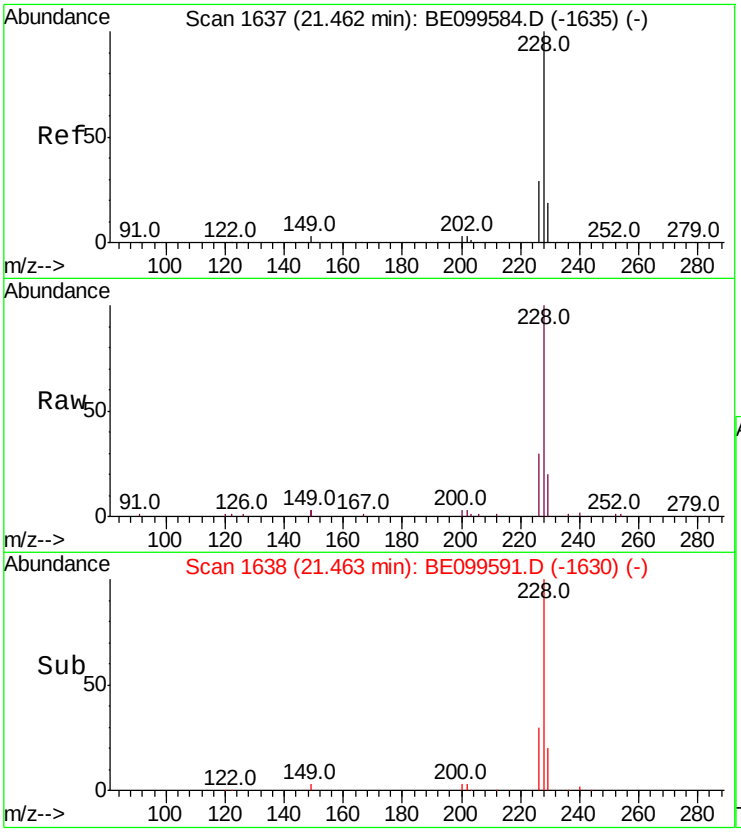


#30
Benzo(a)anthracene
Concen: 0.406 ng
RT: 21.40 min Scan# 1633
Delta R.T. 0.00 min
Lab File: BE099591.D
Acq: 9 May 2019 16:34

Tgt Ion:228 Resp: 21993

Ion	Ratio	Lower	Upper
228	100		
226	27.3	23.3	34.9
229	20.3	15.5	23.3



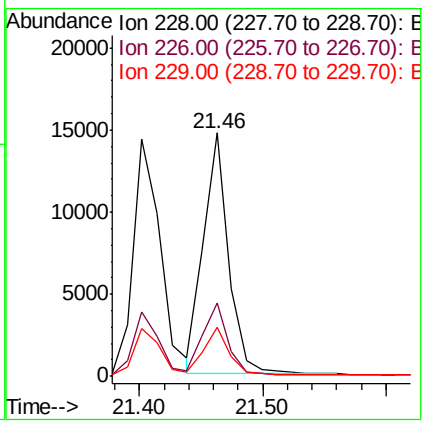


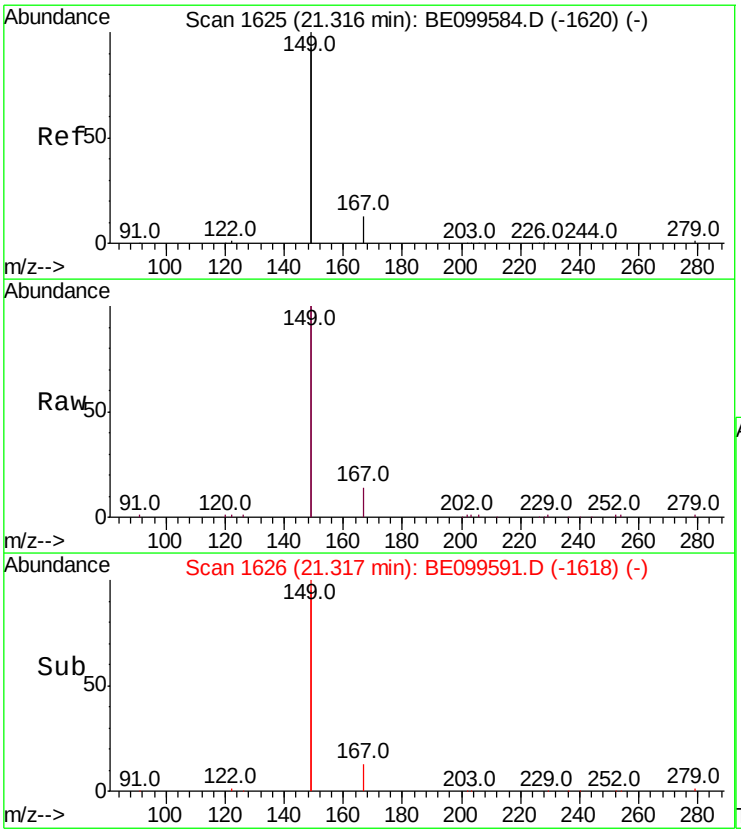
#31
Chrysene
Concen: 0.384 ng
RT: 21.46 min Scan# 1638
Delta R.T. 0.00 min
Lab File: BE099591.D
Acq: 9 May 2019 16:34

Instrument :
BNA_E
ClientSampleId :
PB119482BSD

Tgt Ion:228 Resp: 20822

Ion	Ratio	Lower	Upper
228	100		
226	29.9	23.2	34.8
229	20.3	15.6	23.4

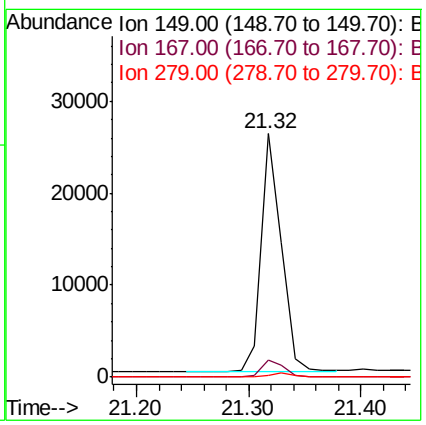


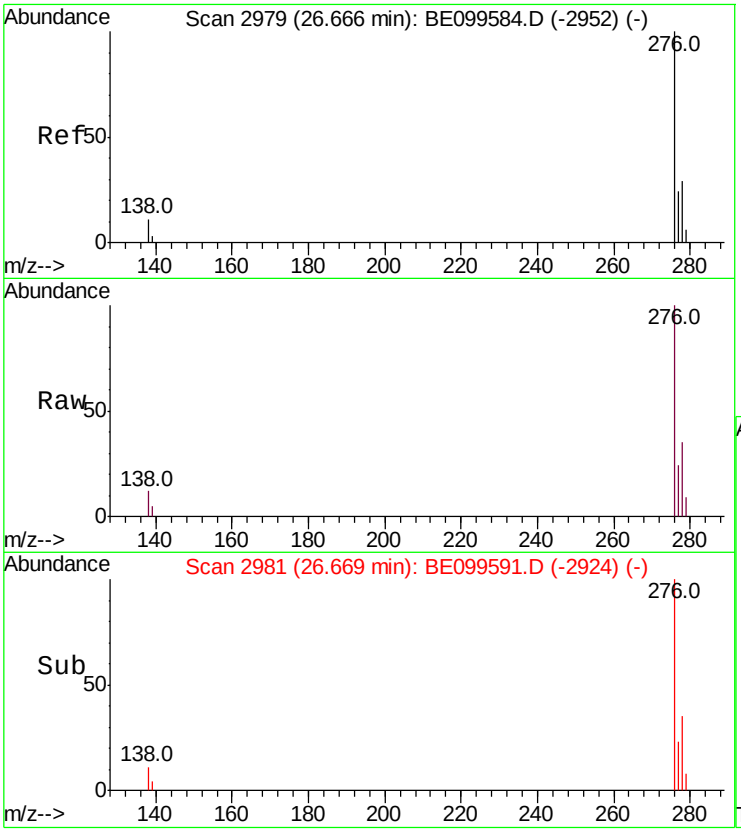


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.420 ng
RT: 21.32 min Scan# 1626
Delta R.T. 0.00 min
Lab File: BE099591.D
Acq: 9 May 2019 16:34

Tgt Ion:149 Resp: 32700

Ion	Ratio	Lower	Upper
149	100		
167	7.4	6.0	9.0
279	1.5	1.1	1.7



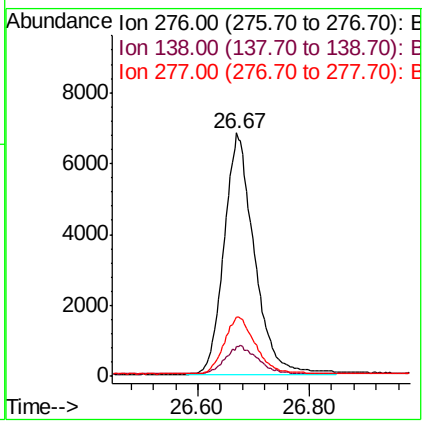


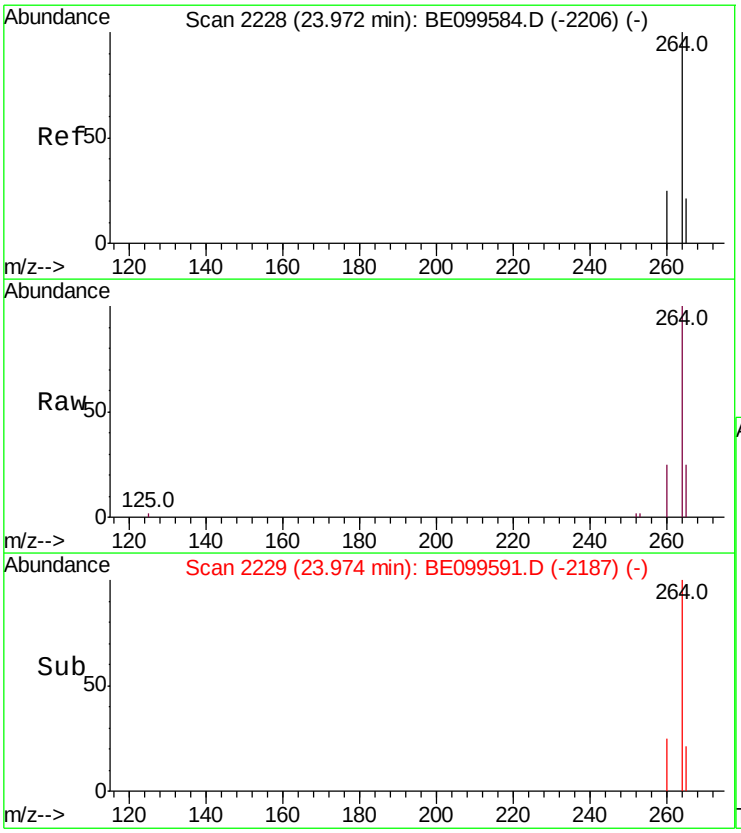
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.376 ng
RT: 26.67 min Scan# 2981
Delta R.T. 0.00 min
Lab File: BE099591.D
Acq: 9 May 2019 16:34

Instrument :
BNA_E
ClientSampleId :
PB119482BSD

Tgt Ion:276 Resp: 25459

Ion	Ratio	Lower	Upper
276	100		
138	12.5	10.2	15.2
277	24.7	19.8	29.8

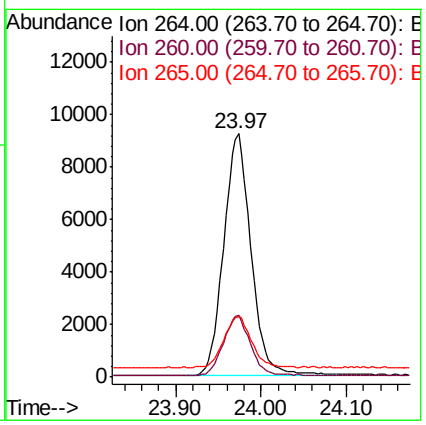


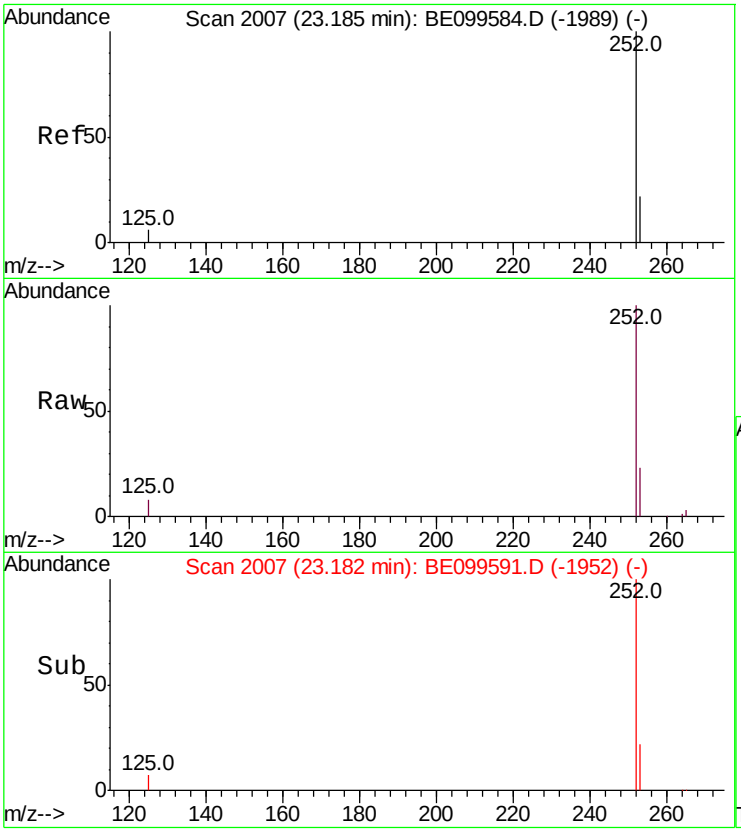


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.97 min Scan# 2229
Delta R.T. 0.00 min
Lab File: BE099591.D
Acq: 9 May 2019 16:34

Tgt Ion:264 Resp: 20455

Ion	Ratio	Lower	Upper
264	100		
260	25.3	20.3	30.5
265	24.8	20.9	31.3



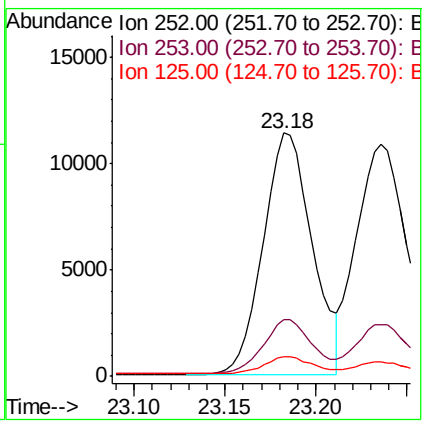


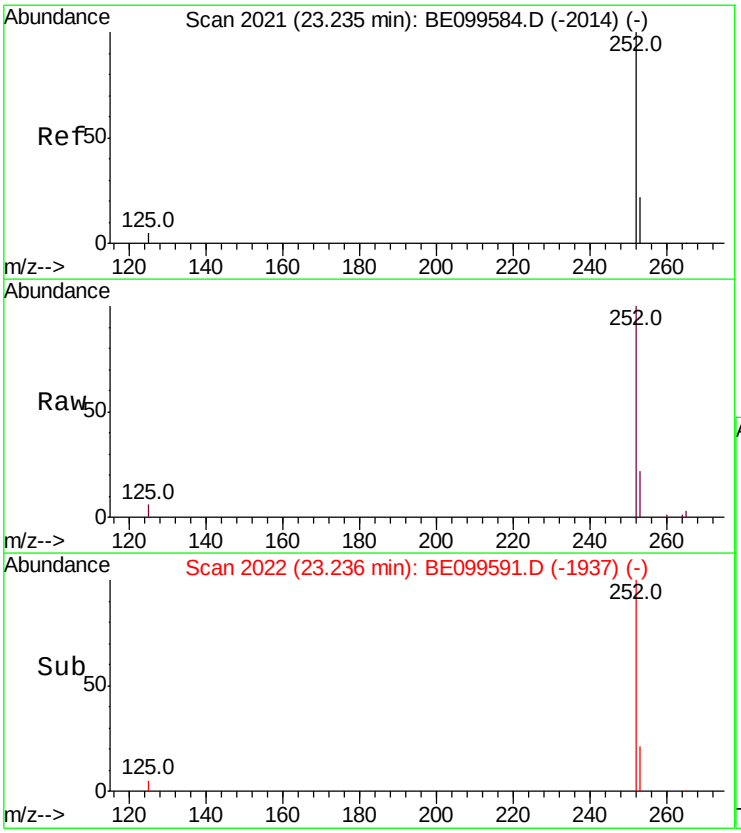
#35
Benzo(b)fluoranthene
Concen: 0.376 ng
RT: 23.18 min Scan# 2007
Delta R.T. -0.00 min
Lab File: BE099591.D
Acq: 9 May 2019 16:34

Instrument :
BNA_E
ClientSampleId :
PB119482BSD

Tgt Ion:252 Resp: 21272

Ion	Ratio	Lower	Upper
252	100		
253	23.3	18.6	28.0
125	7.8	6.0	9.0

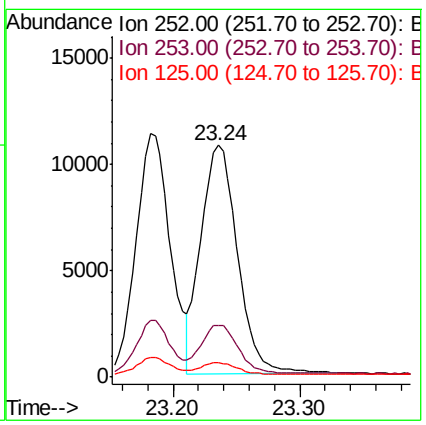


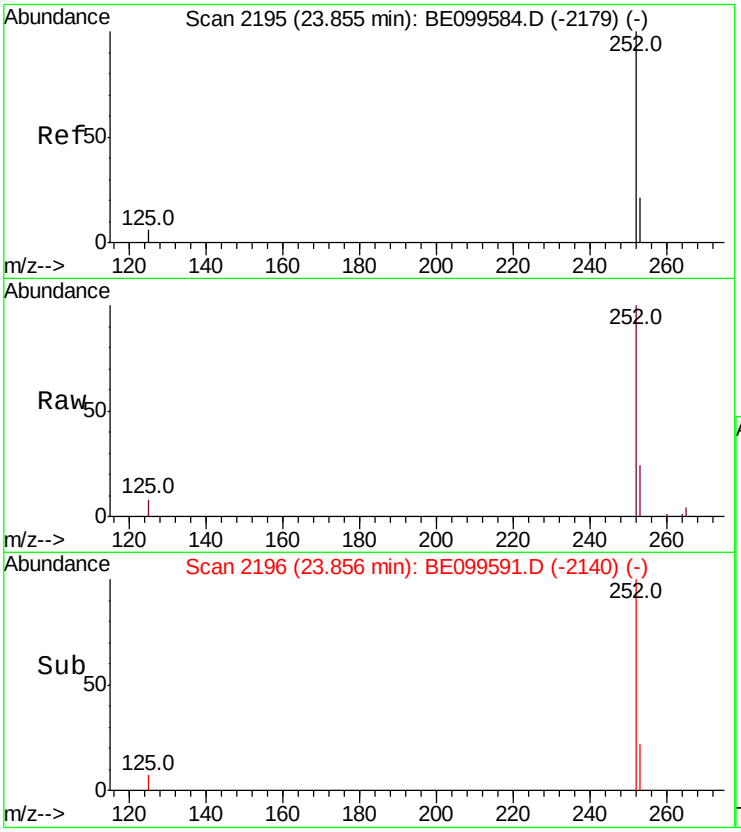


#36
Benzo(k)fluoranthene
Concen: 0.382 ng
RT: 23.24 min Scan# 2022
Delta R.T. 0.00 min
Lab File: BE099591.D
Acq: 9 May 2019 16:34

Tgt Ion:252 Resp: 21435

Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.7	28.1
125	6.2	5.1	7.7



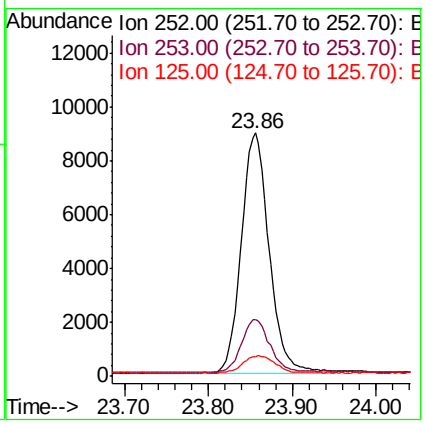


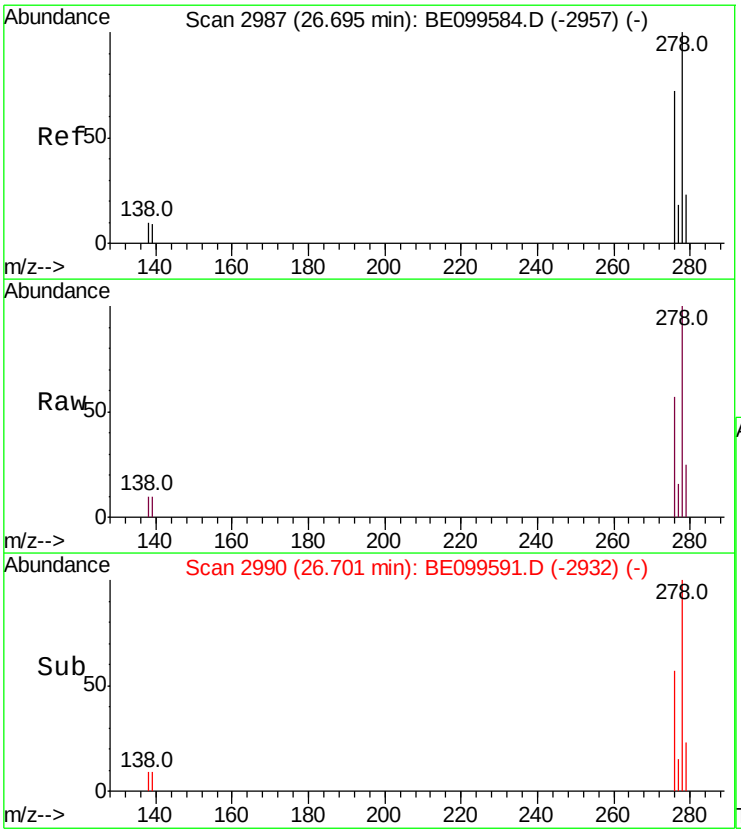
#37
Benzo(a)pyrene
Concen: 0.378 ng
RT: 23.86 min Scan# 2196
Delta R.T. 0.00 min
Lab File: BE099591.D
Acq: 9 May 2019 16:34

Instrument :
BNA_E
ClientSampleId :
PB119482BSD

Tgt Ion:252 Resp: 20706

Ion	Ratio	Lower	Upper
252	100		
253	23.5	18.6	27.8
125	8.2	6.4	9.6

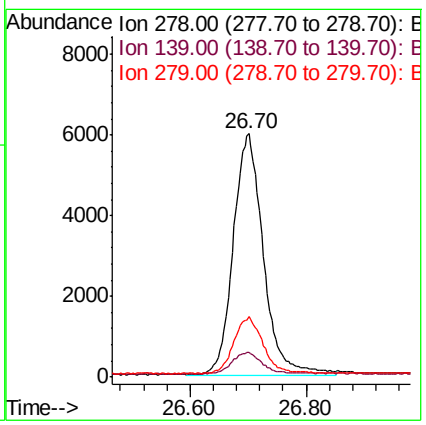


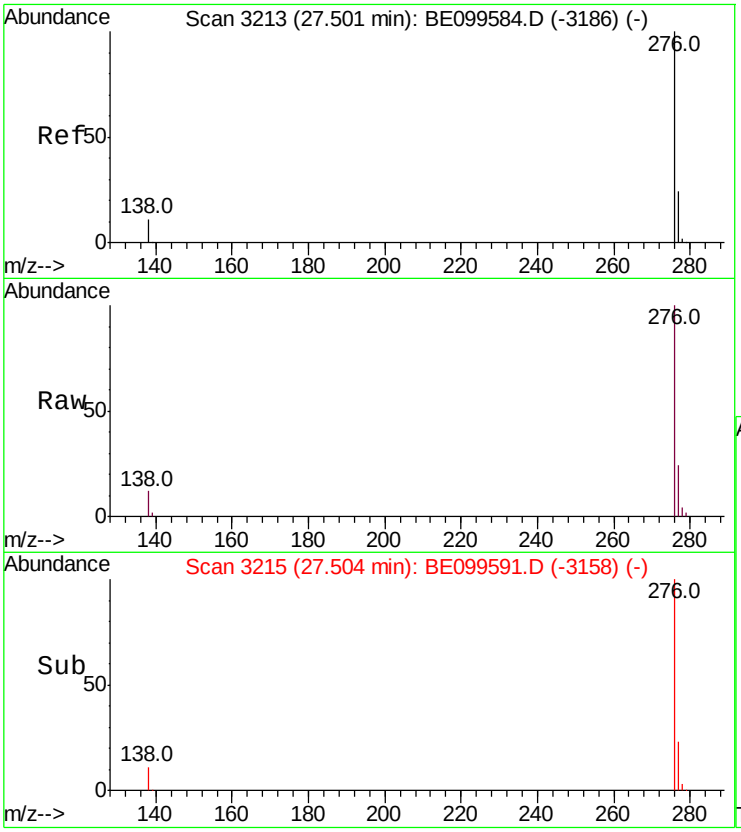


#38
Dibenzo(a,h)anthracene
Concen: 0.374 ng
RT: 26.70 min Scan# 2990
Delta R.T. 0.01 min
Lab File: BE099591.D
Acq: 9 May 2019 16:34

Tgt Ion:278 Resp: 21399

Ion	Ratio	Lower	Upper
278	100		
139	10.0	8.3	12.5
279	24.7	19.4	29.2





#39
Benzo(g,h,i)perylene
Concen: 0.371 ng
RT: 27.50 min Scan# 3215
Delta R.T. 0.00 min
Lab File: BE099591.D
Acq: 9 May 2019 16:34

Instrument :
BNA_E
ClientSampleId :
PB119482BSD

Tgt Ion:276 Resp: 21485

Ion	Ratio	Lower	Upper
276	100		
277	24.1	19.8	29.6
138	11.8	9.4	14.2