Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE051019\
Data File : BE099599.D
Acq On : 10 May 2019 15:19
Operator : JU/SJ
Sample : PB119621BSD
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: May 11 01:01:06 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	2214	0.40	ng	0.00
7) Naphthalene-d8	10.63	136	7401	0.40	ng	0.00
13) Acenaphthene-d10	14.50	164	4789	0.40	ng	0.00
19) Phenanthrene-d10	17.24	188	12810	0.40	ng	0.00
27) Chrysene-d12	21.43	240	19383	0.40	ng	0.00
34) Perylene-d12	23.97	264	23052	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.39	112	2025	0.33	ng	0.00
5) Phenol-d6	6.97	99	2824	0.36	ng	0.00
8) Nitrobenzene-d5	8.98	82	2362	0.34	ng	0.00
11) 2-Methylnaphthalene-d10	12.22	152	5647	0.46	ng	0.00
14) 2,4,6-Tribromophenol	15.98	330	765	0.27	ng	0.00
15) 2-Fluorobiphenyl	13.12	172	6314	0.34	ng	0.00
25) Fluoranthene-d10	19.27	212	57768	0.34	ng	0.00
29) Terphenyl-d14	19.87	244	12703	0.37	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.31	88	920	0.295	ng	# 65
3) n-Nitrosodimethylamine	3.63	42	683	0.353	ng	# 96
6) bis(2-Chloroethyl)ether	7.24	93	2211	0.334	ng	97
9) Naphthalene	10.67	128	28586	0.362	ng	99
10) Hexachlorobutadiene	10.95	225	1974	0.347	ng	98
12) 2-Methylnaphthalene	12.30	142	4662	0.362	ng	99
16) Acenaphthylene	14.21	152	7447	0.321	ng	99
17) Acenaphthene	14.56	154	4363	0.337	ng	99
18) Fluorene	15.53	166	6114	0.331	ng	99
20) 4-Bromophenyl-phenylether	16.43	248	2475	0.339	ng	100
21) Hexachlorobenzene	16.53	284	2533	0.345	ng	99
22) Pentachlorophenol	16.91	266	537	0.380	ng	99
23) Phenanthrene	17.28	178	11094	0.349	ng	100
24) Anthracene	17.38	178	10224	0.342	ng	100
26) Fluoranthene	19.30	202	17160	0.359	ng	100
28) Pyrene	19.67	202	18335	0.359	ng	99
30) Benzo(a)anthracene	21.40	228	23907	0.404	ng	98
31) Chrysene	21.46	228	22837	0.386	ng	99
32) Bis(2-ethylhexyl)phthalate	21.32	149	32965	0.388	ng	99
33) Indeno(1,2,3-cd)pyrene	26.67	276	28105	0.381	ng	100
35) Benzo(b)fluoranthene	23.18	252	24061	0.378	ng	99
36) Benzo(k)fluoranthene	23.24	252	24620	0.389	ng	99
37) Benzo(a)pyrene	23.85	252	23702	0.384	ng	99
38) Dibenzo(a,h)anthracene	26.70	278	24048	0.373	ng	100
39) Benzo(g,h,i)perylene	27.50	276	24224	0.371	ng	99

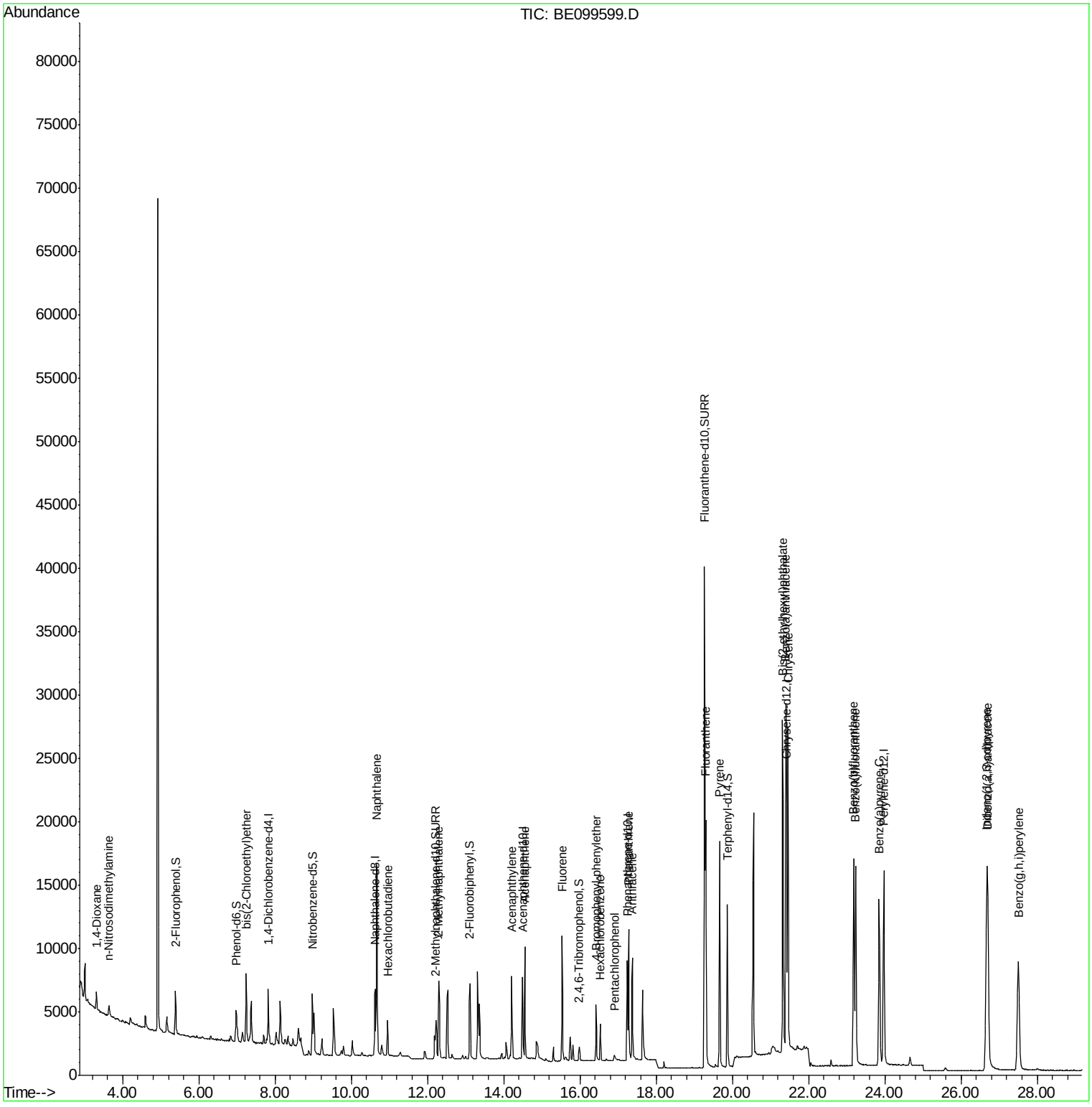
(#) = qualifier out of range (m) = manual integration (+) = signals summed

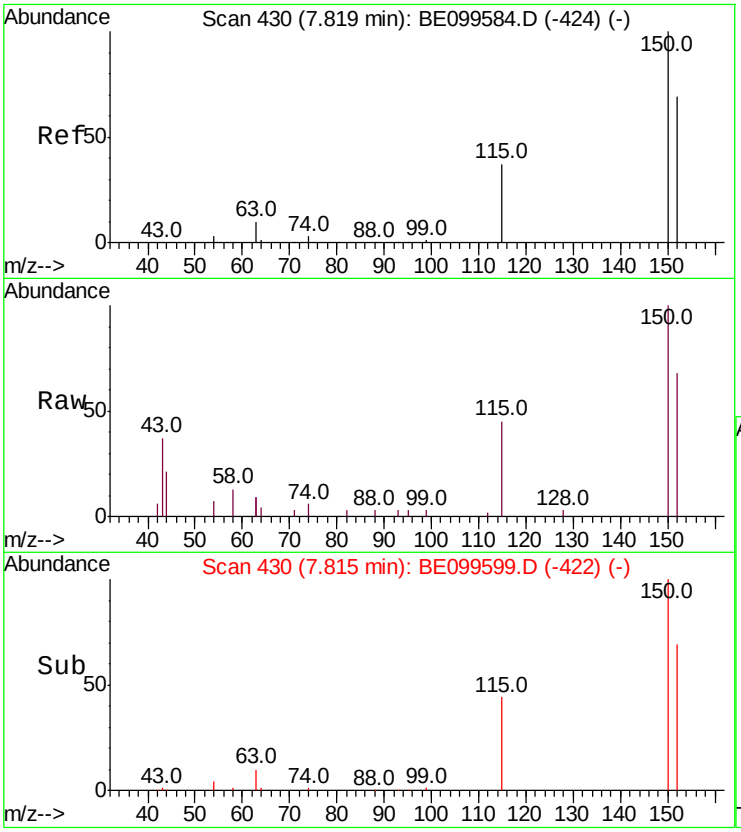
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE051019\
Data File : BE099599.D
Acq On : 10 May 2019 15:19
Operator : JU/SJ
Sample : PB119621BSD
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: May 11 01:01:06 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



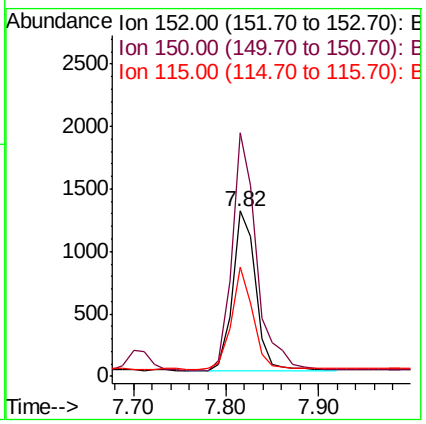


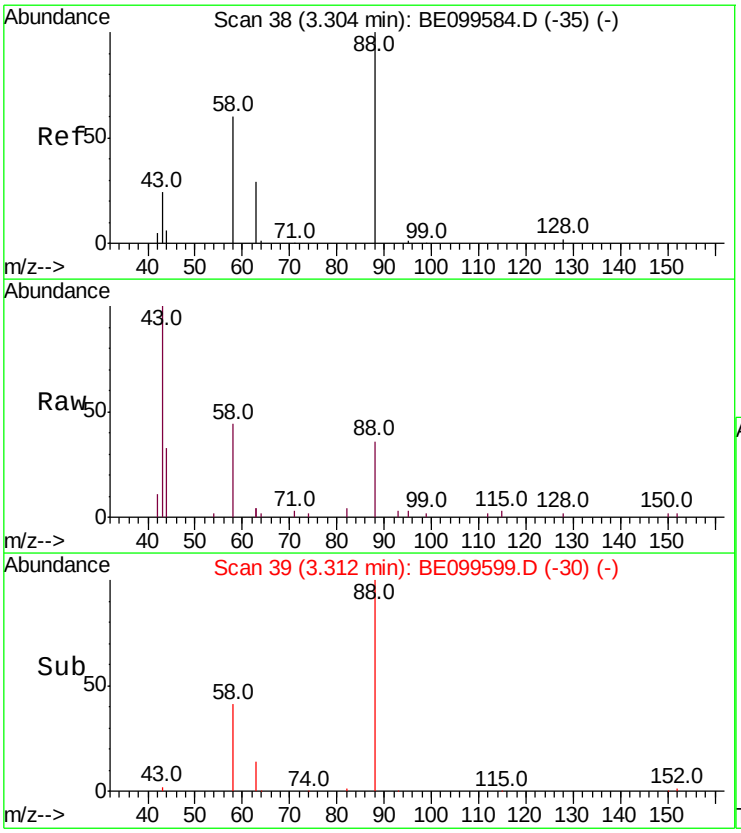
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.82 min Scan# 430
Delta R.T. -0.00 min
Lab File: BE099599.D
Acq: 10 May 2019 15:19

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 2214

Ion	Ratio	Lower	Upper
152	100		
150	147.4	114.2	171.4
115	66.2	45.4	68.0

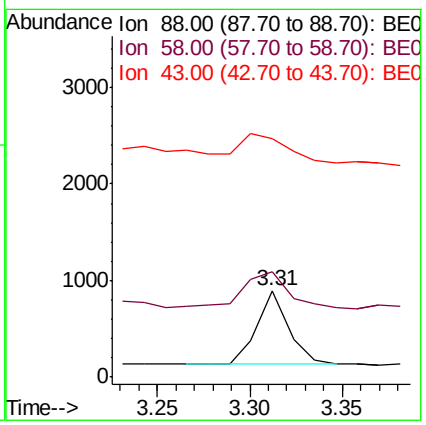


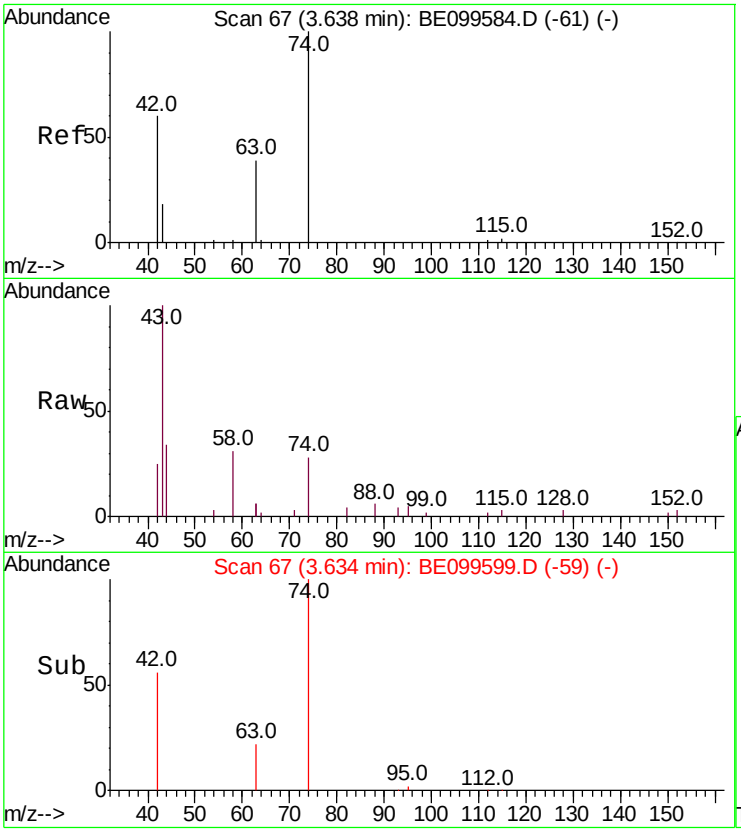


#2
1,4-Dioxane
Concen: 0.295 ng
RT: 3.31 min Scan# 39
Delta R.T. 0.01 min
Lab File: BE099599.D
Acq: 10 May 2019 15:19

Tgt Ion: 88 Resp: 920

Ion	Ratio	Lower	Upper
88	100		
58	69.9	41.3	61.9#
43	52.8	21.0	31.6#



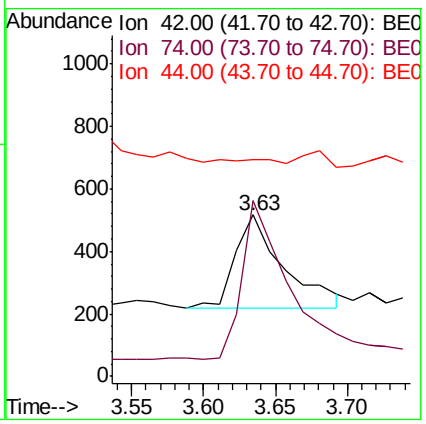


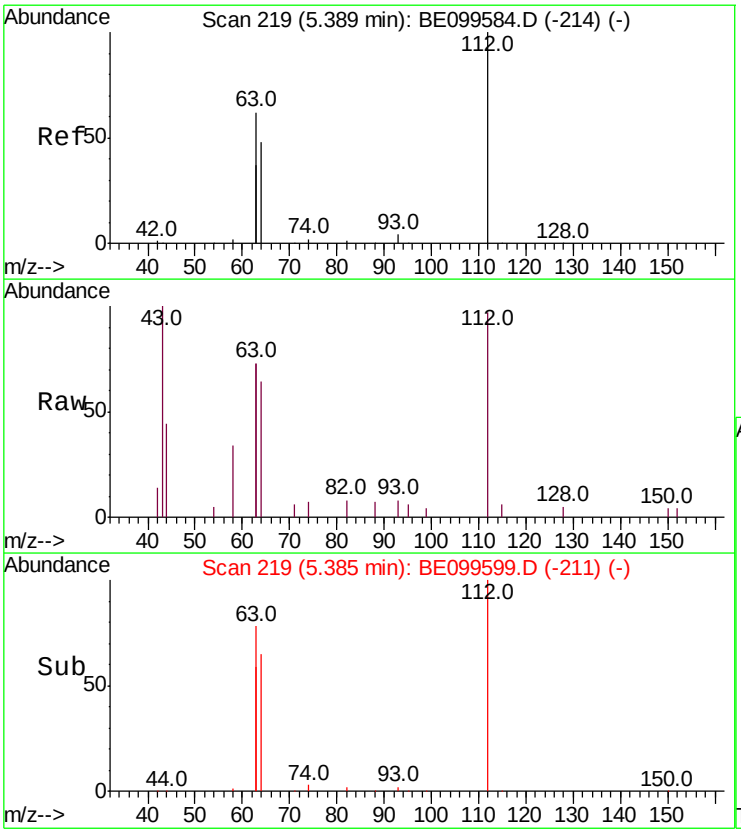
#3
n-Nitrosodimethylamine
Concen: 0.353 ng
RT: 3.63 min Scan# 67
Delta R.T. -0.00 min
Lab File: BE099599.D
Acq: 10 May 2019 15:19

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 42 Resp: 683

Ion	Ratio	Lower	Upper
42	100		
74	167.3	136.9	205.3
44	0.0	7.1	10.7#

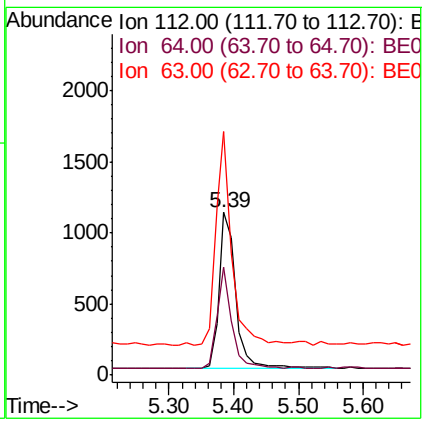


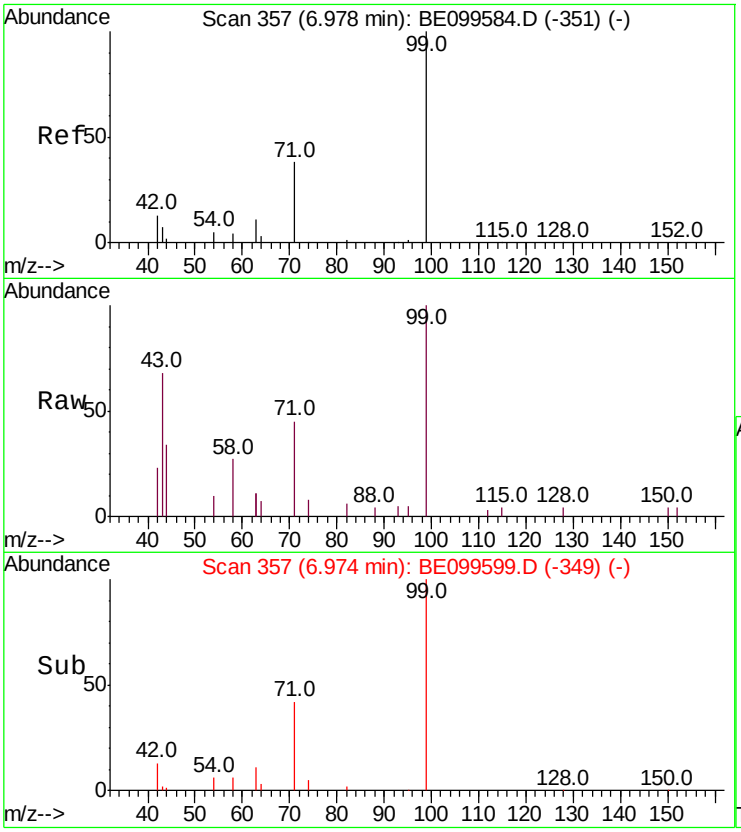


#4
2-Fluorophenol
Concen: 0.334 ng
RT: 5.39 min Scan# 219
Delta R.T. -0.00 min
Lab File: BE099599.D
Acq: 10 May 2019 15:19

Tgt Ion:112 Resp: 2025

Ion	Ratio	Lower	Upper
112	100		
64	56.7	46.2	69.4
63	130.1	100.2	150.4



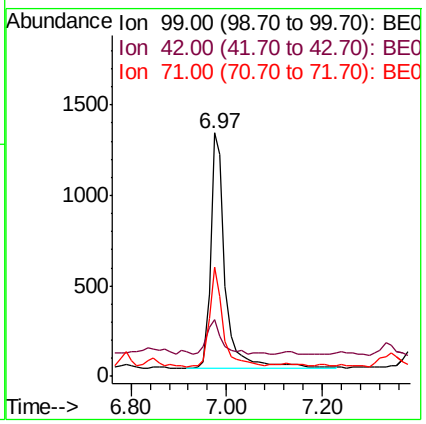


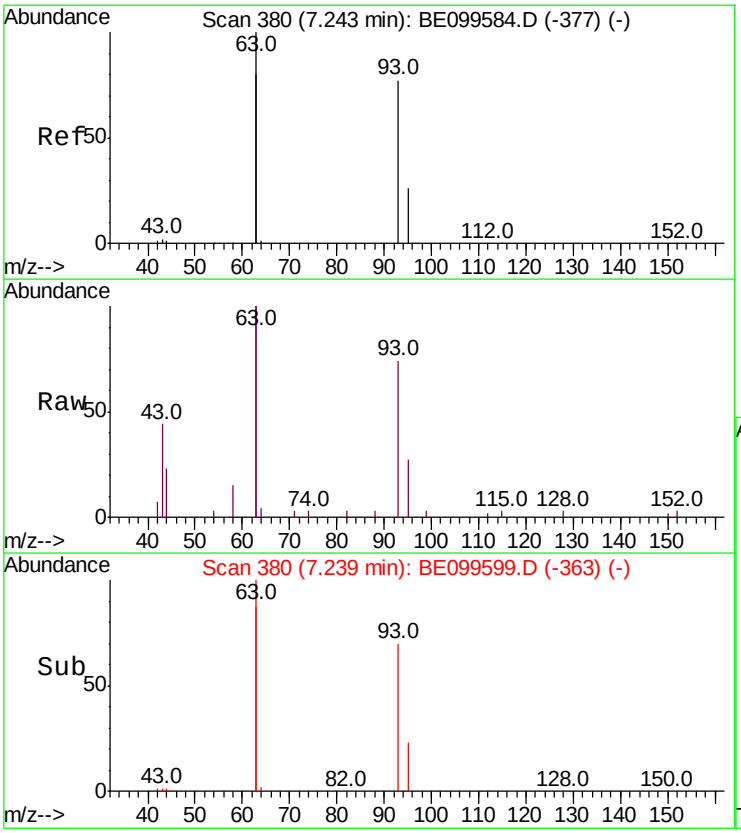
#5
Phenol-d6
Concen: 0.355 ng
RT: 6.97 min Scan# 357
Delta R.T. -0.00 min
Lab File: BE099599.D
Acq: 10 May 2019 15:19

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 99 Resp: 2824

Ion	Ratio	Lower	Upper
99	100		
42	15.2	13.8	20.8
71	38.5	32.2	48.4

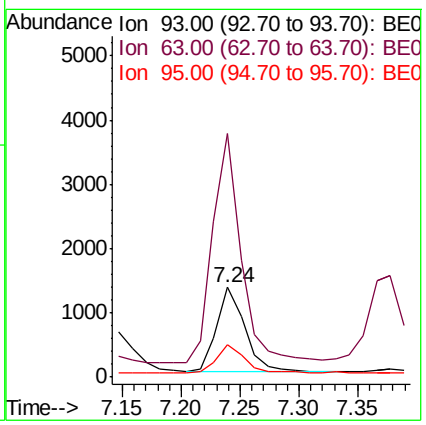


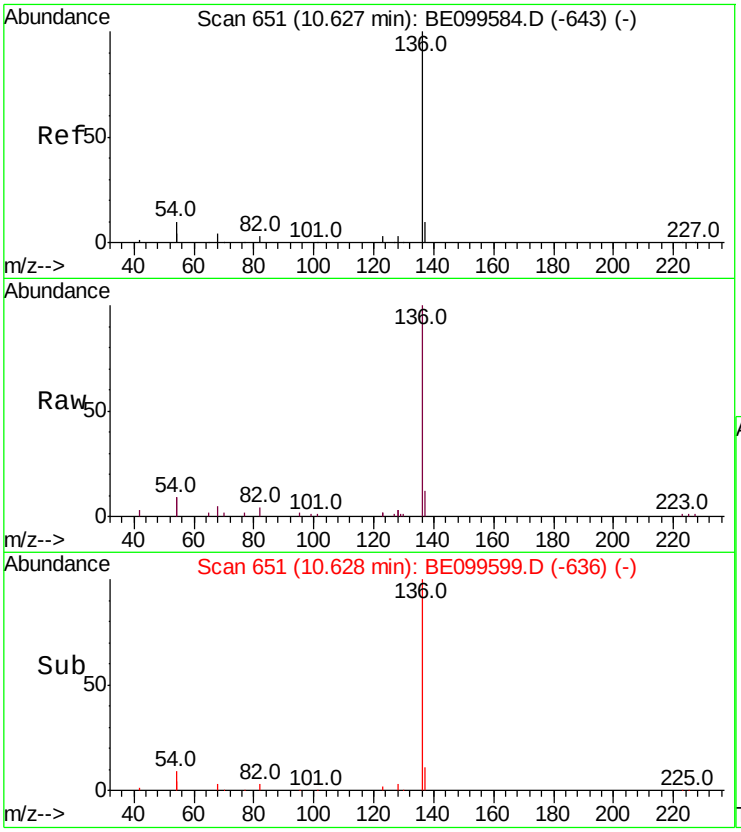


#6
bis(2-Chloroethyl)ether
Concen: 0.334 ng
RT: 7.24 min Scan# 380
Delta R.T. -0.00 min
Lab File: BE099599.D
Acq: 10 May 2019 15:19

Tgt Ion: 93 Resp: 2211

Ion	Ratio	Lower	Upper
93	100		
63	271.2	213.4	320.0
95	33.6	24.9	37.3



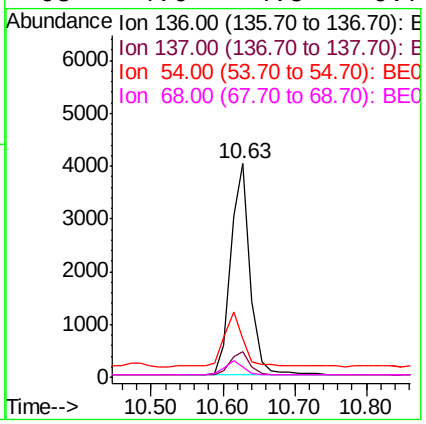


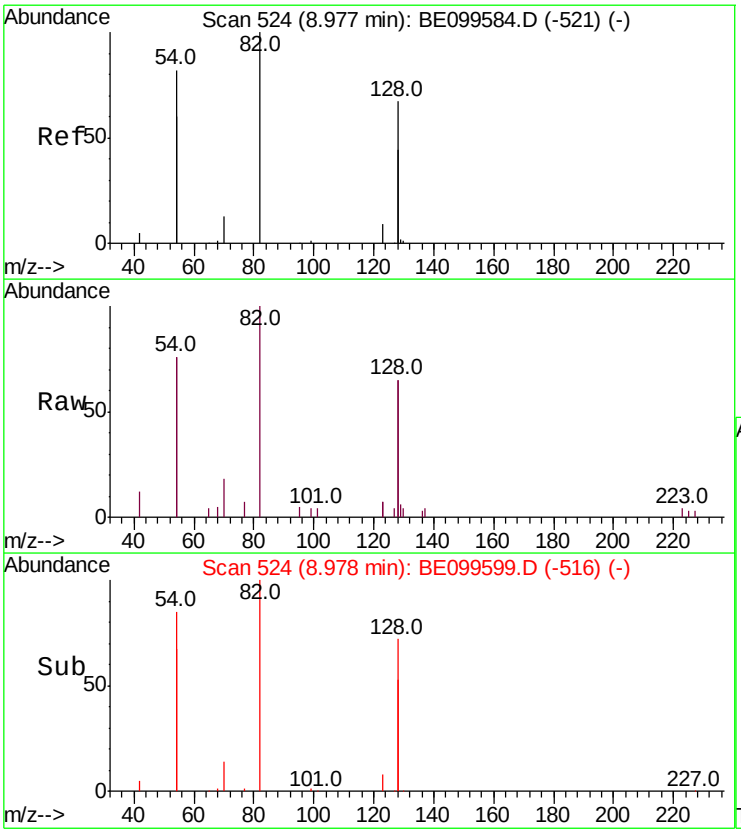
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.63 min Scan# 651
Delta R.T. 0.00 min
Lab File: BE099599.D
Acq: 10 May 2019 15:19

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:136 Resp: 7401

Ion	Ratio	Lower	Upper
136	100		
137	11.8	9.1	13.7
54	17.9	16.5	24.7
68	4.6	4.5	6.7

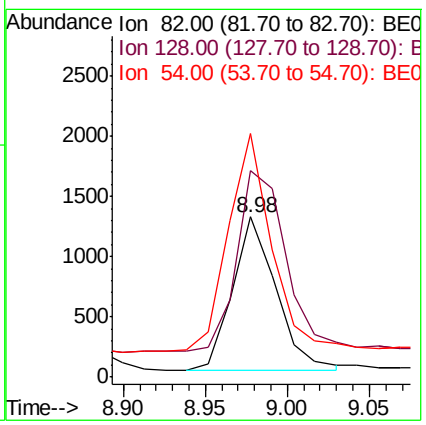


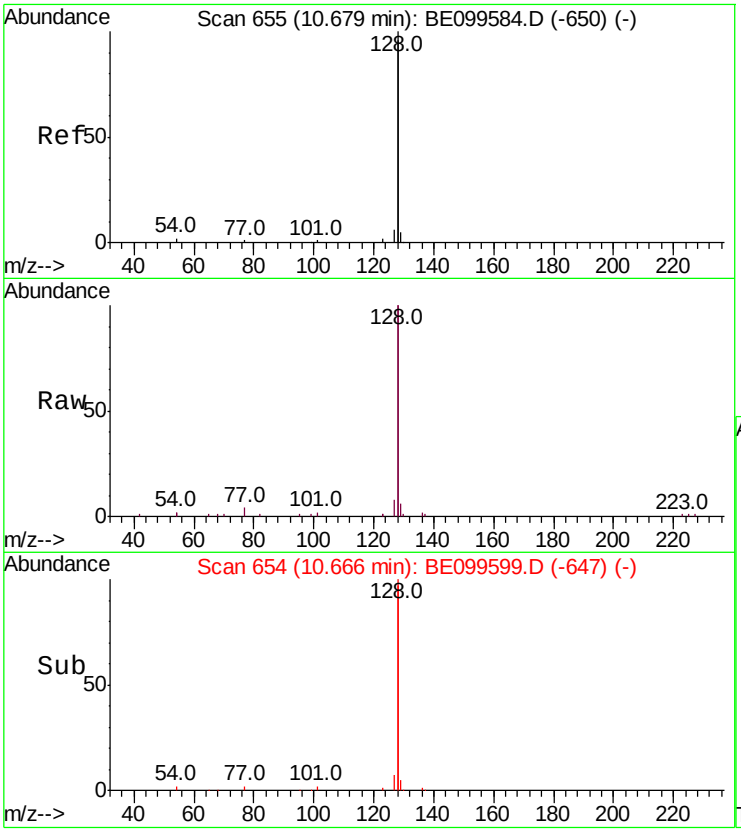


#8
Nitrobenzene-d5
Concen: 0.340 ng
RT: 8.98 min Scan# 524
Delta R.T. 0.00 min
Lab File: BE099599.D
Acq: 10 May 2019 15:19

Tgt Ion: 82 Resp: 2362

Ion	Ratio	Lower	Upper
82	100		
128	129.0	101.5	152.3
54	152.4	123.8	185.6



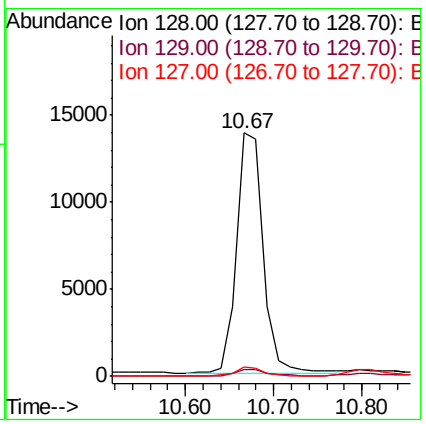


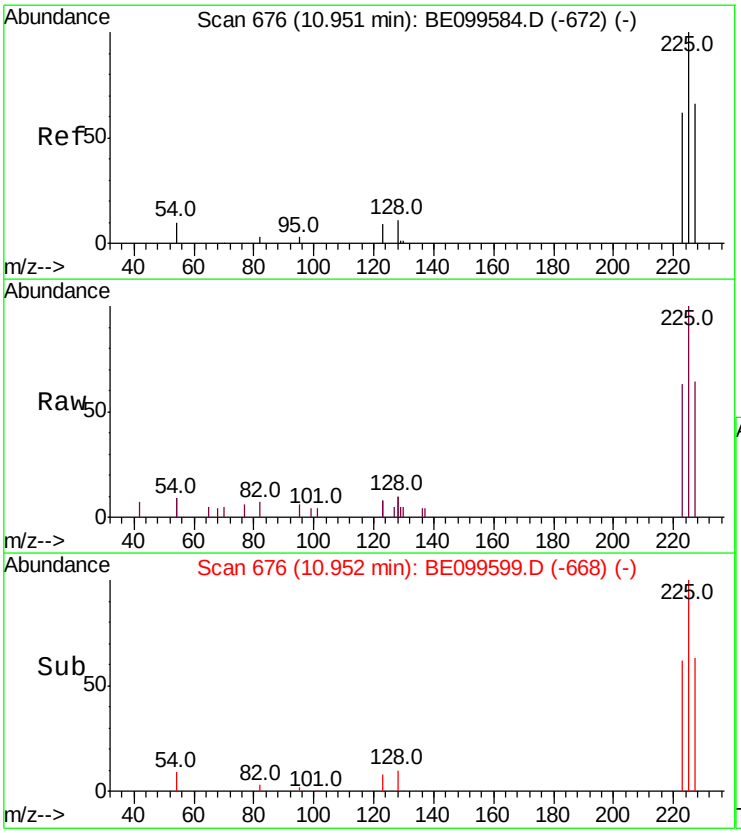
#9
Naphthalene
Concen: 0.362 ng
RT: 10.67 min Scan# 654
Delta R.T. -0.01 min
Lab File: BE099599.D
Acq: 10 May 2019 15:19

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:128 Resp: 28586

Ion	Ratio	Lower	Upper
128	100		
129	2.9	2.4	3.6
127	3.9	2.8	4.2

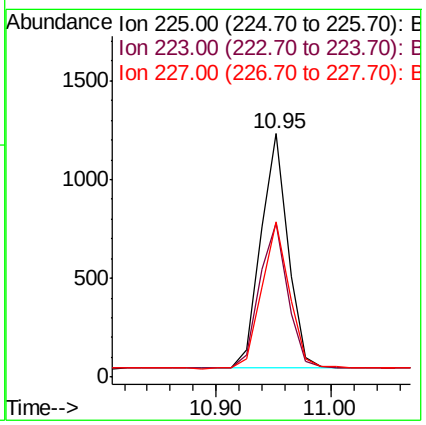


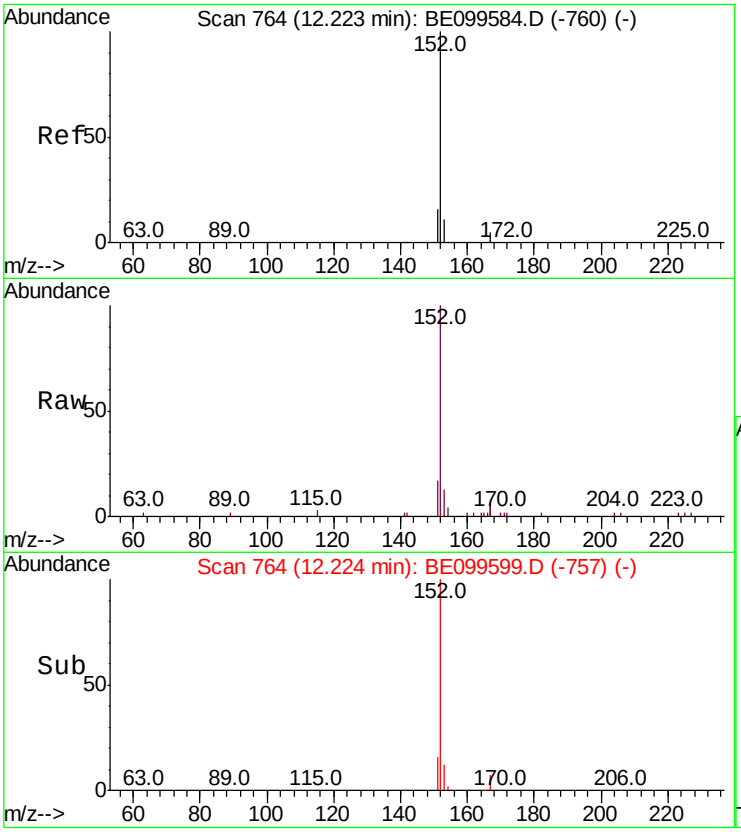


#10
Hexachlorobutadiene
Concen: 0.347 ng
RT: 10.95 min Scan# 676
Delta R.T. 0.00 min
Lab File: BE099599.D
Acq: 10 May 2019 15:19

Tgt Ion:225 Resp: 1974

Ion	Ratio	Lower	Upper
225	100		
223	64.3	49.6	74.4
227	63.7	50.1	75.1



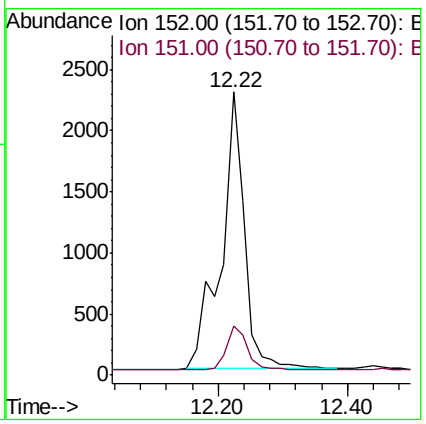


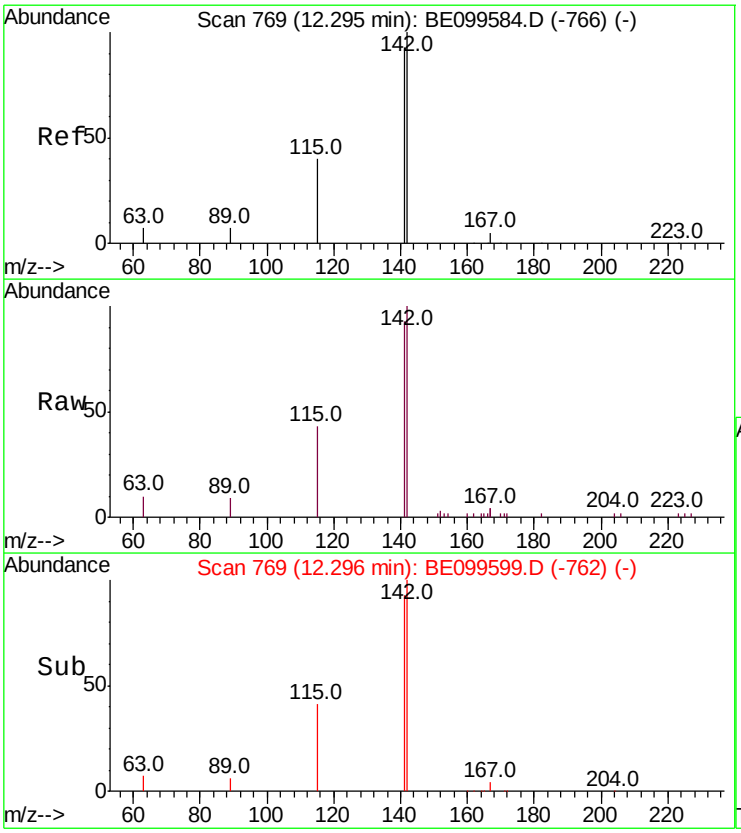
#11
2-Methylnaphthalene-d10
Concen: 0.456 ng
RT: 12.22 min Scan# 764
Delta R.T. 0.00 min
Lab File: BE099599.D
Acq: 10 May 2019 15:19

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 5647

Ion	Ratio	Lower	Upper
152	100		
151	13.4	16.2	24.2#

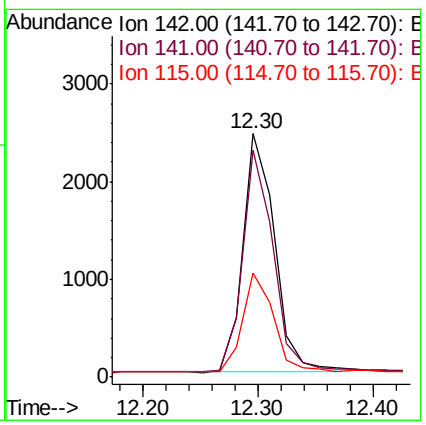


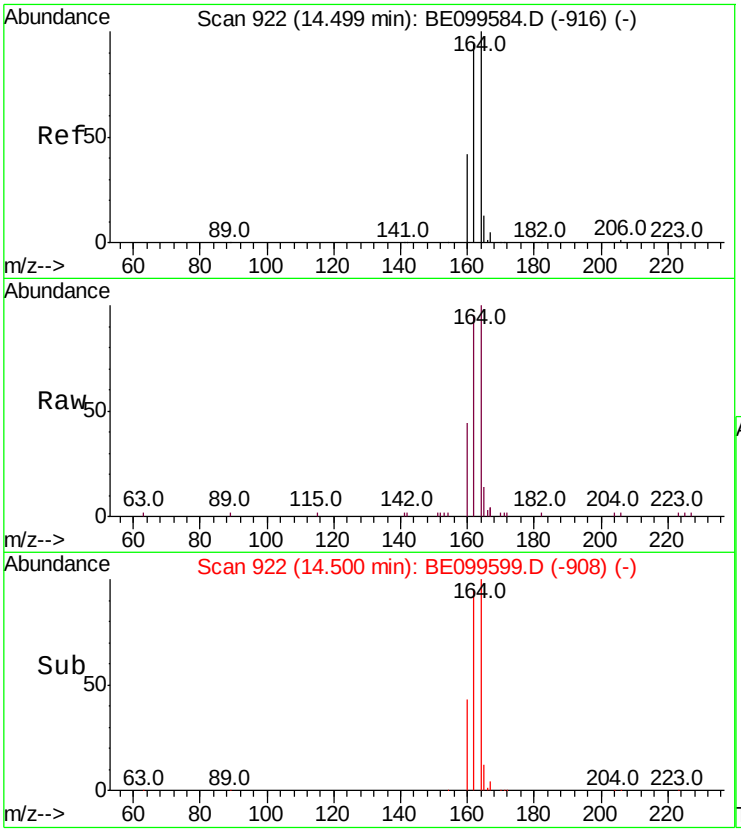


#12
2-Methylnaphthalene
Concen: 0.362 ng
RT: 12.30 min Scan# 769
Delta R.T. 0.00 min
Lab File: BE099599.D
Acq: 10 May 2019 15:19

Tgt Ion:142 Resp: 4662

Ion	Ratio	Lower	Upper
142	100		
141	93.3	75.0	112.4
115	43.0	33.7	50.5



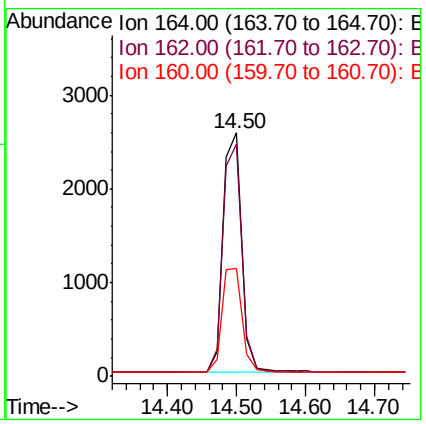


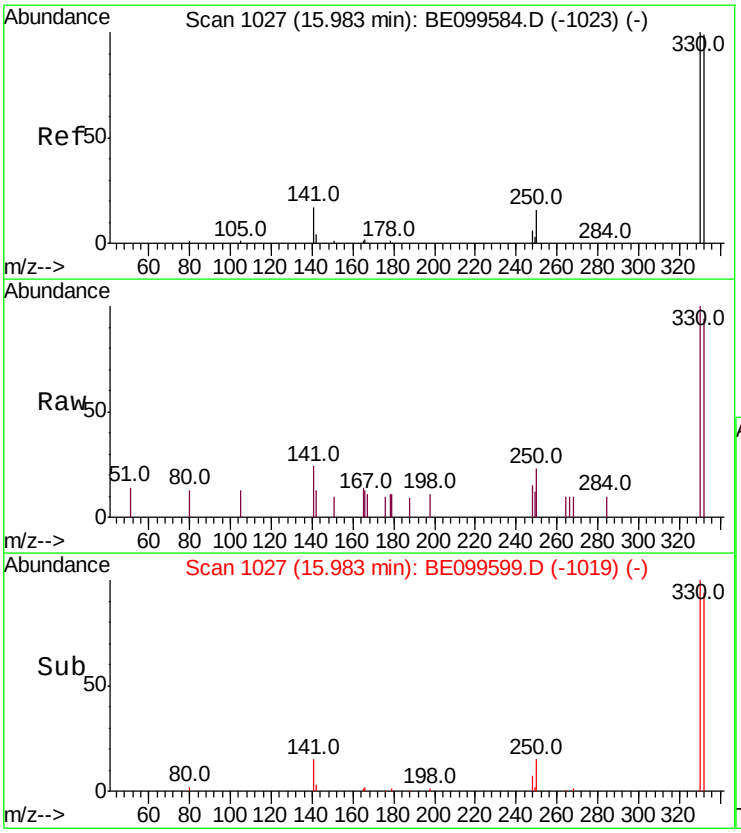
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.50 min Scan# 922
Delta R.T. 0.00 min
Lab File: BE099599.D
Acq: 10 May 2019 15:19

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:164 Resp: 4789

Ion	Ratio	Lower	Upper
164	100		
162	95.1	75.3	112.9
160	44.3	34.7	52.1

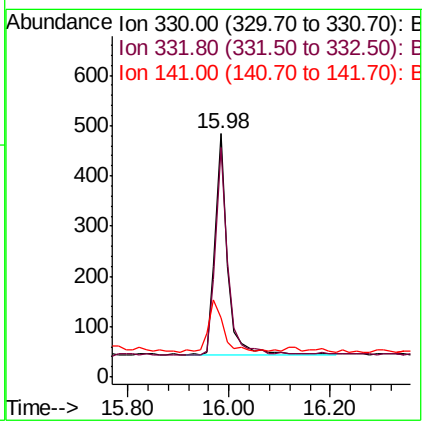


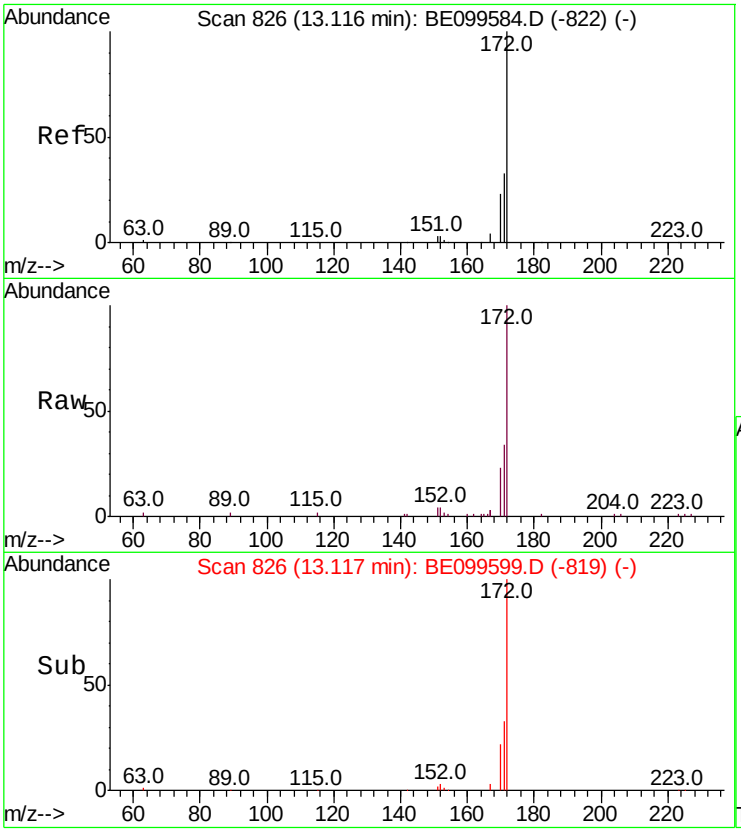


#14
2,4,6-Tribromophenol
Concen: 0.269 ng
RT: 15.98 min Scan# 1027
Delta R.T. 0.00 min
Lab File: BE099599.D
Acq: 10 May 2019 15:19

Tgt Ion:330 Resp: 765

Ion	Ratio	Lower	Upper
330	100		
332	91.5	78.7	118.1
141	26.3	22.3	33.5



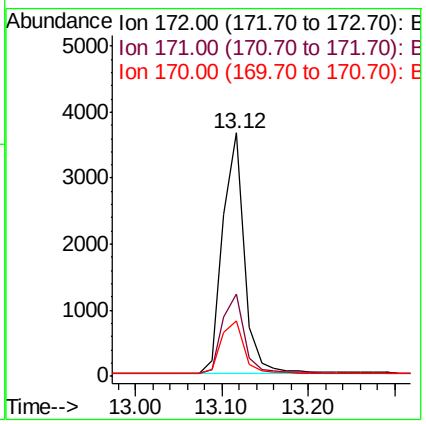


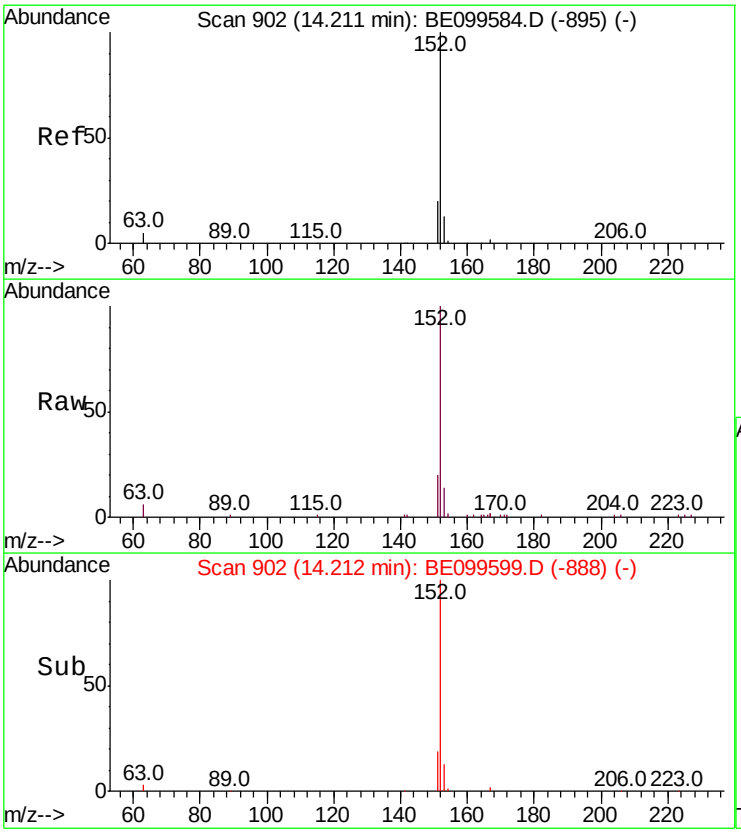
#15
2-Fluorobiphenyl
Concen: 0.340 ng
RT: 13.12 min Scan# 826
Delta R.T. 0.00 min
Lab File: BE099599.D
Acq: 10 May 2019 15:19

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:172 Resp: 6314

Ion	Ratio	Lower	Upper
172	100		
171	33.9	27.5	41.3
170	23.0	19.1	28.7

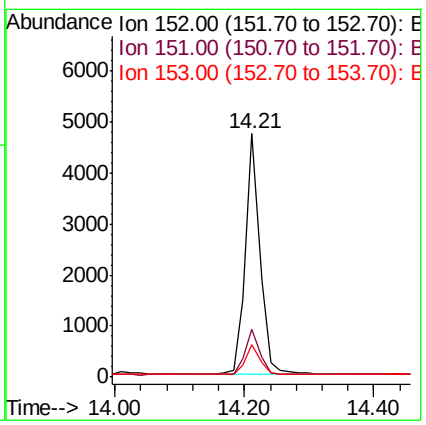


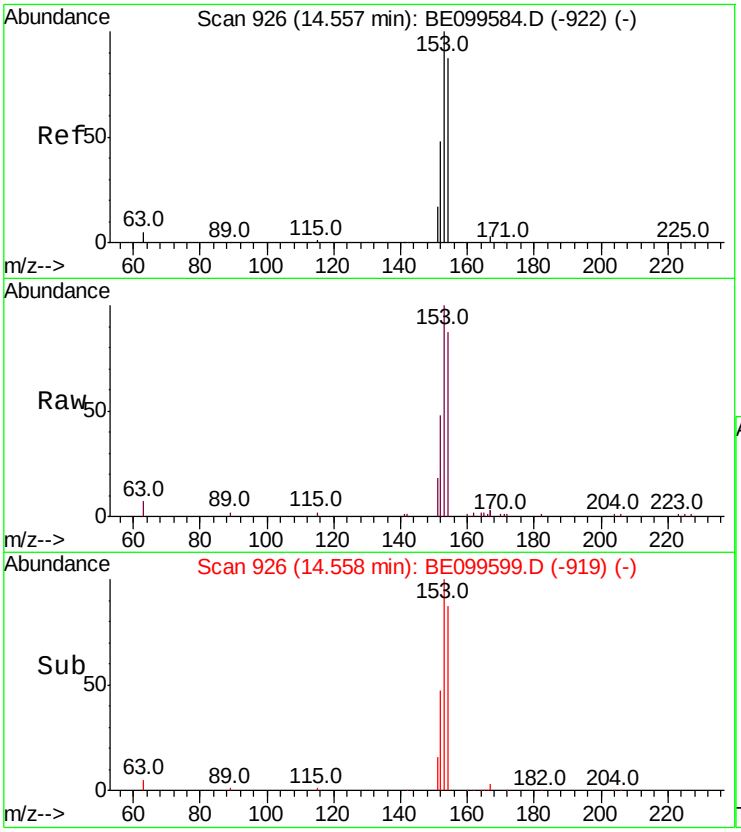


#16
Acenaphthylene
Concen: 0.321 ng
RT: 14.21 min Scan# 902
Delta R.T. 0.00 min
Lab File: BE099599.D
Acq: 10 May 2019 15:19

Tgt Ion:152 Resp: 7447

Ion	Ratio	Lower	Upper
152	100		
151	19.0	15.5	23.3
153	13.1	10.2	15.4



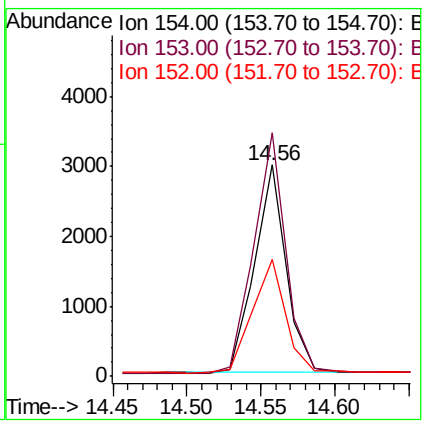


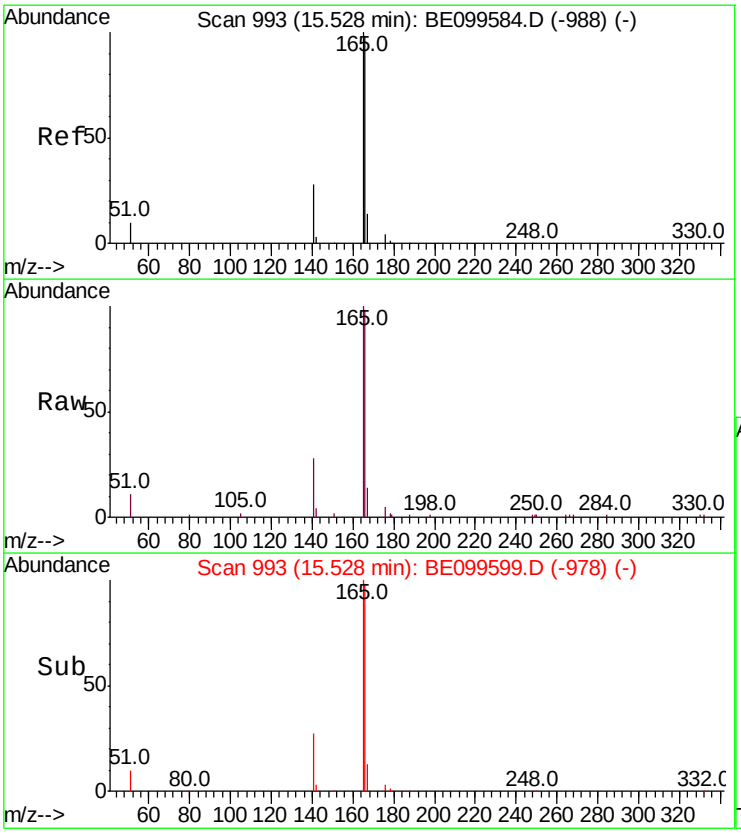
#17
Acenaphthene
Concen: 0.337 ng
RT: 14.56 min Scan# 926
Delta R.T. 0.00 min
Lab File: BE099599.D
Acq: 10 May 2019 15:19

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:154 Resp: 4363

Ion	Ratio	Lower	Upper
154	100		
153	117.8	92.9	139.3
152	57.1	46.3	69.5

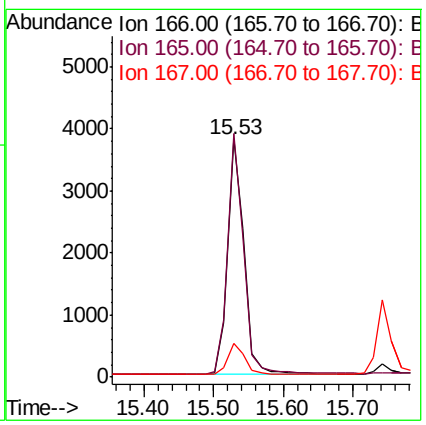


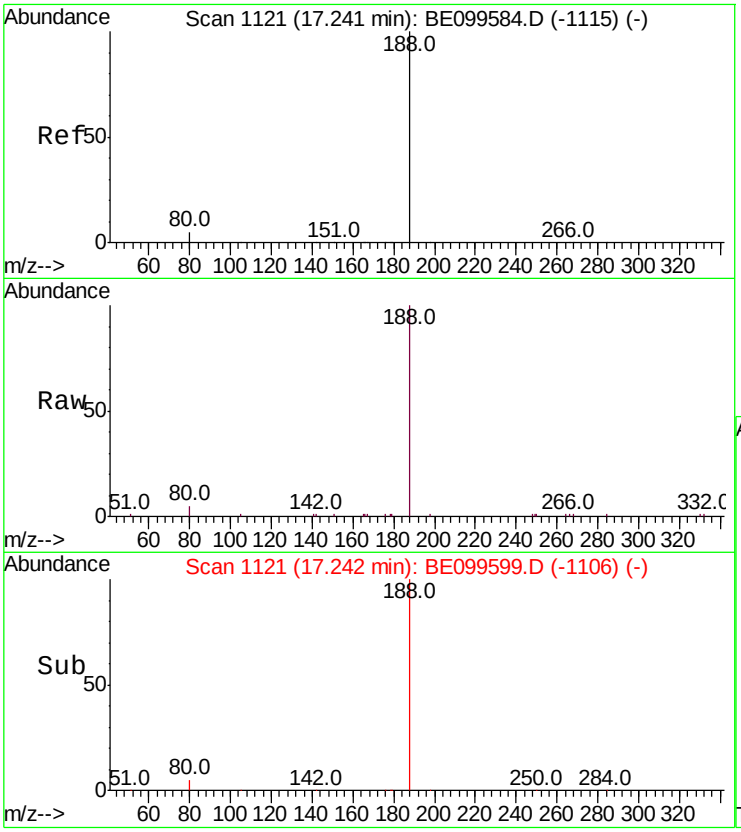


#18
Fluorene
Concen: 0.331 ng
RT: 15.53 min Scan# 993
Delta R.T. 0.00 min
Lab File: BE099599.D
Acq: 10 May 2019 15:19

Tgt Ion:166 Resp: 6114

Ion	Ratio	Lower	Upper
166	100		
165	99.8	80.5	120.7
167	14.1	11.6	17.4



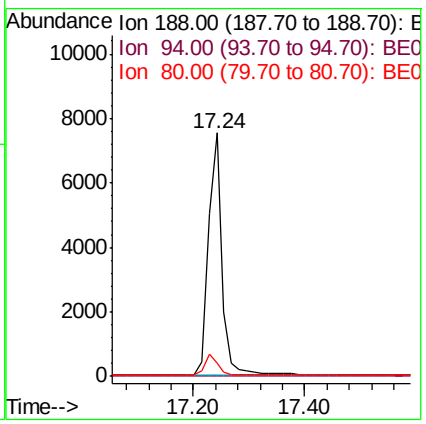


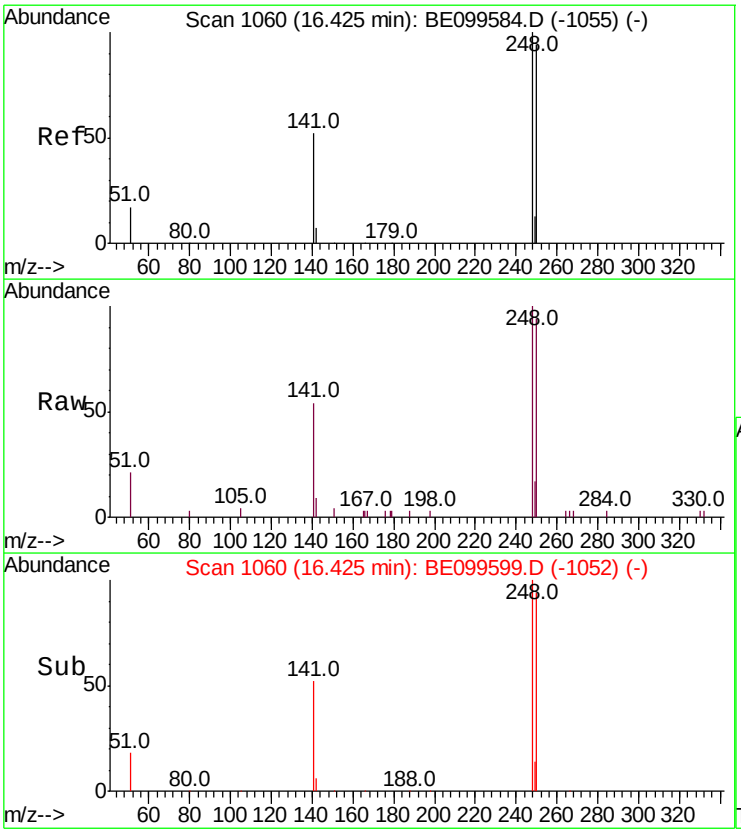
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.24 min Scan# 1121
Delta R.T. 0.00 min
Lab File: BE099599.D
Acq: 10 May 2019 15:19

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:188 Resp: 12810

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	5.3	4.4	6.6

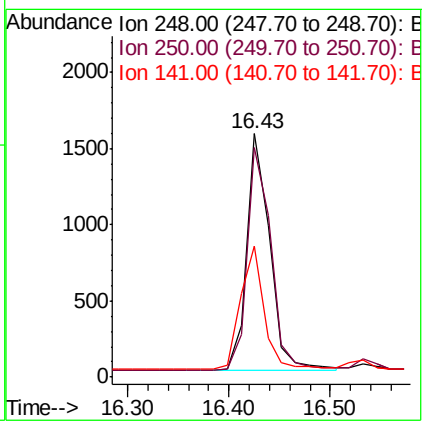


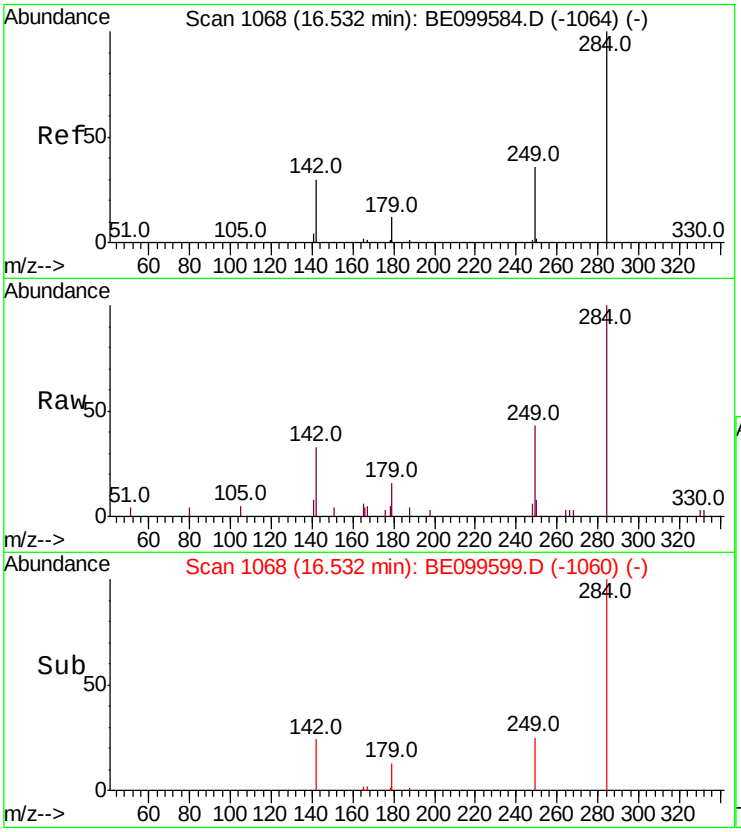


#20
4-Bromophenyl-phenylether
Concen: 0.339 ng
RT: 16.43 min Scan# 1060
Delta R.T. 0.00 min
Lab File: BE099599.D
Acq: 10 May 2019 15:19

Tgt Ion:248 Resp: 2475

Ion	Ratio	Lower	Upper
248	100		
250	94.2	75.7	113.5
141	53.9	42.9	64.3



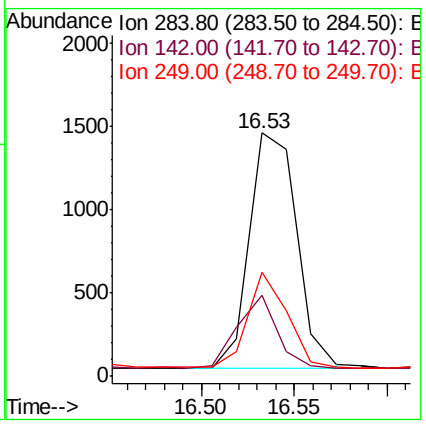


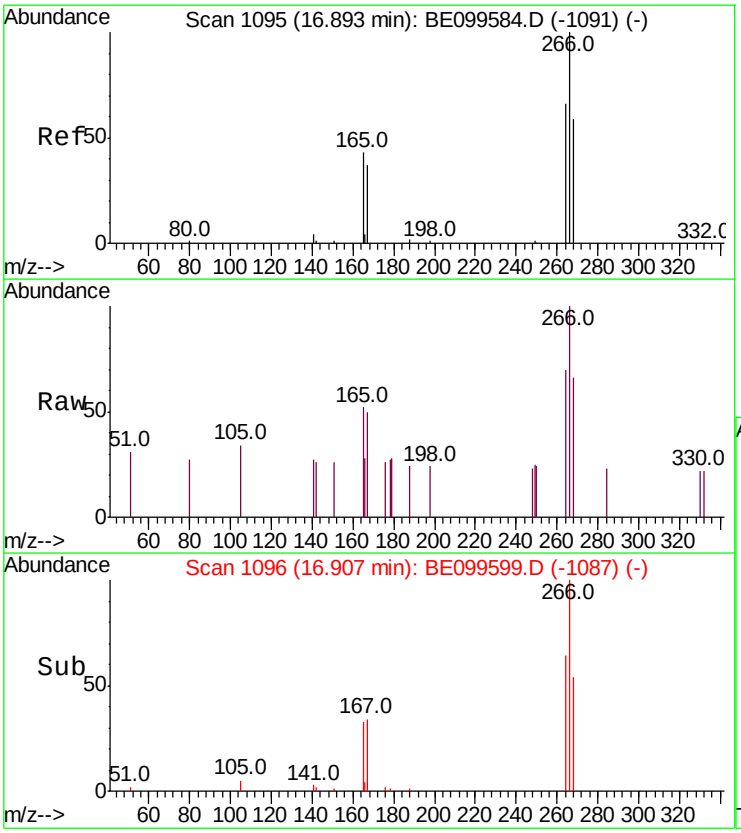
#21
Hexachlorobenzene
Concen: 0.345 ng
RT: 16.53 min Scan# 1068
Delta R.T. 0.00 min
Lab File: BE099599.D
Acq: 10 May 2019 15:19

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:284 Resp: 2533

Ion	Ratio	Lower	Upper
284	100		
142	25.5	20.6	30.8
249	33.5	25.8	38.6

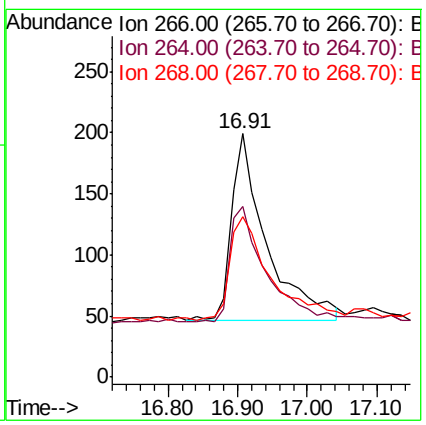


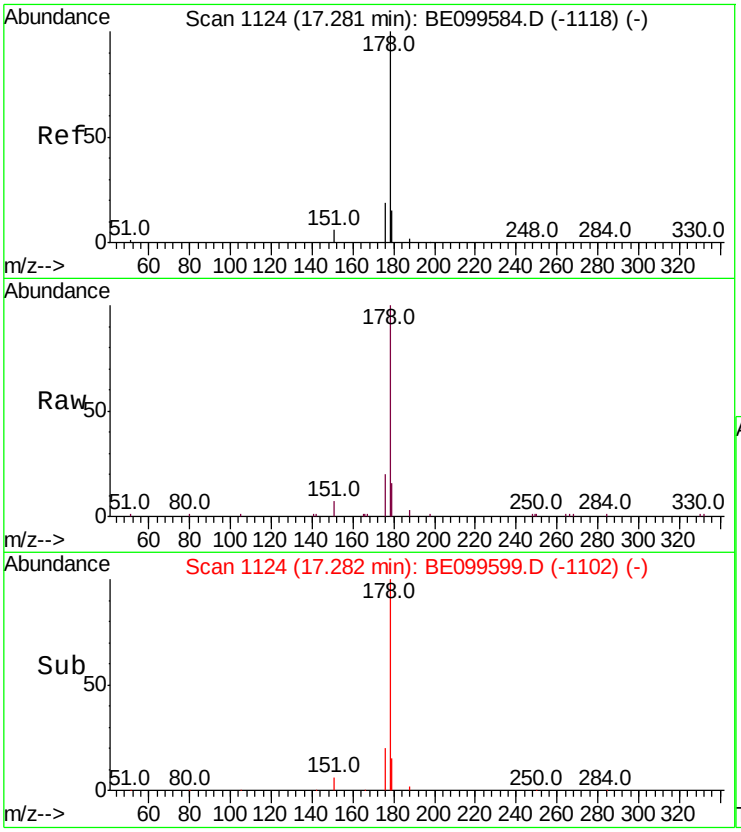


#22
Pentachlorophenol
Concen: 0.380 ng
RT: 16.91 min Scan# 1096
Delta R.T. 0.01 min
Lab File: BE099599.D
Acq: 10 May 2019 15:19

Tgt Ion:266 Resp: 537

Ion	Ratio	Lower	Upper
266	100		
264	70.4	57.3	85.9
268	65.8	53.5	80.3



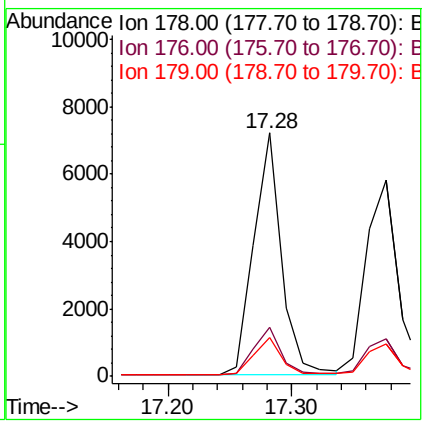


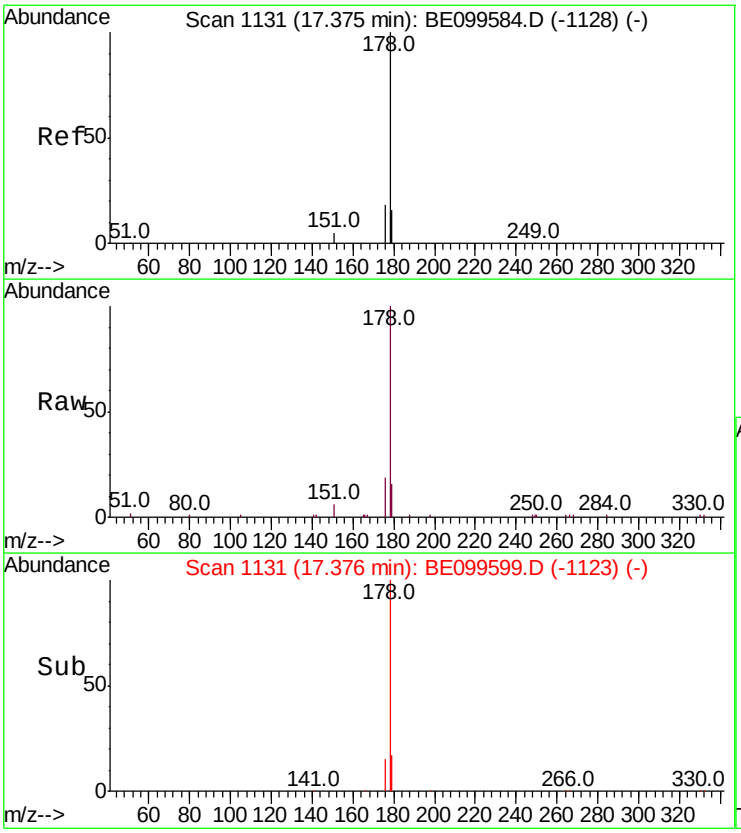
#23
Phenanthrene
Concen: 0.349 ng
RT: 17.28 min Scan# 1124
Delta R.T. 0.00 min
Lab File: BE099599.D
Acq: 10 May 2019 15:19

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 11094

Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.8	23.6
179	15.5	12.2	18.2

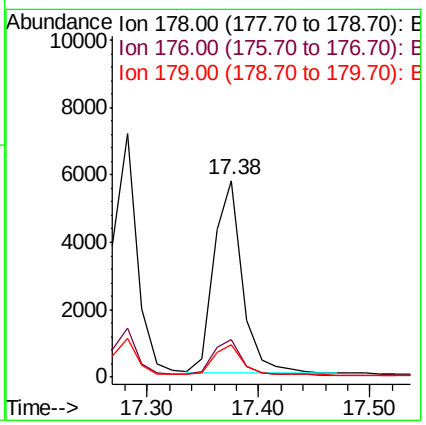


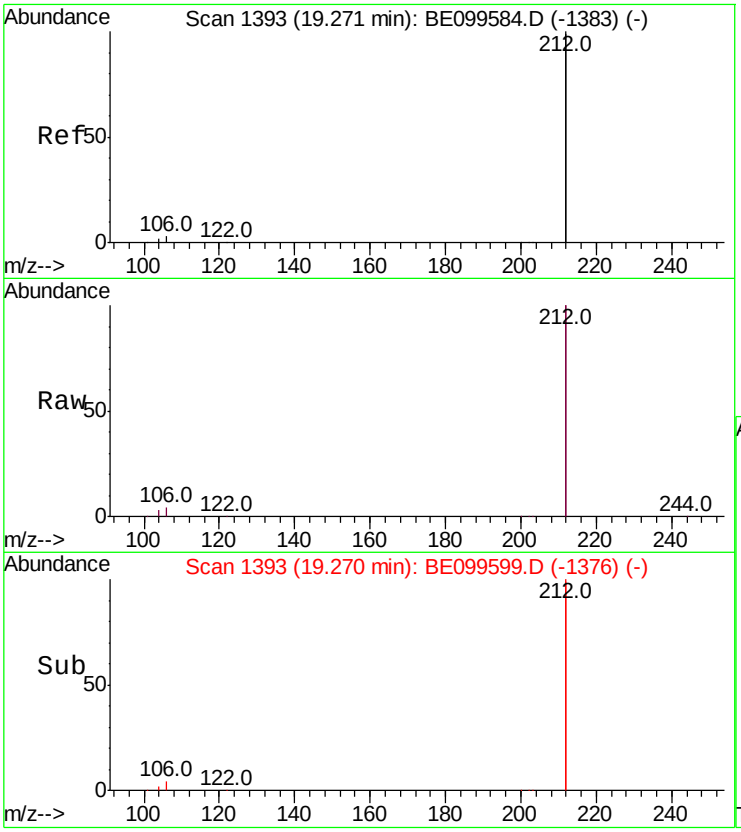


#24
Anthracene
Concen: 0.342 ng
RT: 17.38 min Scan# 1131
Delta R.T. 0.00 min
Lab File: BE099599.D
Acq: 10 May 2019 15:19

Tgt Ion:178 Resp: 10224

Ion	Ratio	Lower	Upper
178	100		
176	18.2	14.8	22.2
179	15.5	12.3	18.5



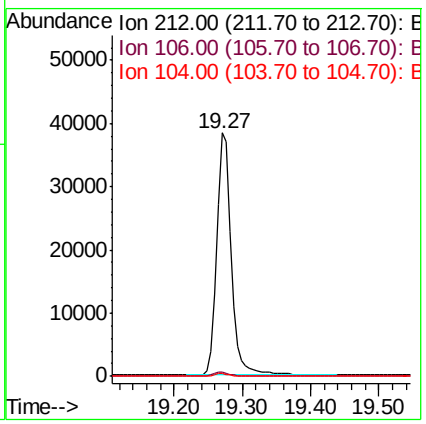


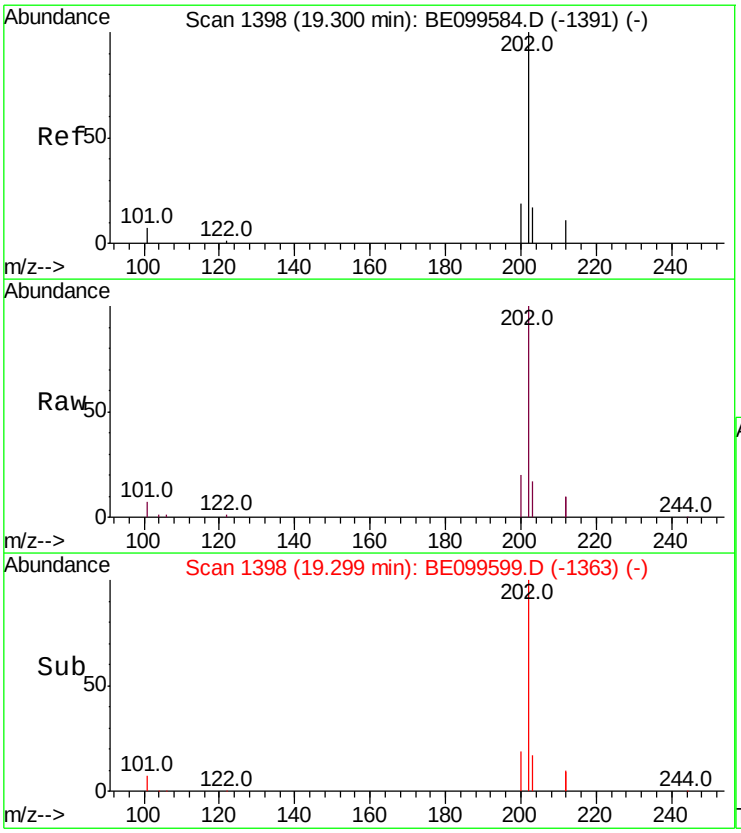
#25
Fluoranthene-d10
Concen: 0.343 ng
RT: 19.27 min Scan# 1393
Delta R.T. -0.00 min
Lab File: BE099599.D
Acq: 10 May 2019 15:19

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:212 Resp: 57768

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

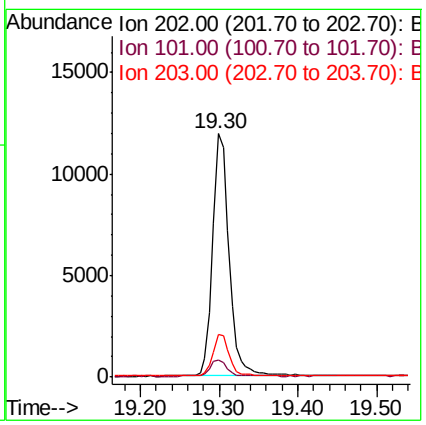


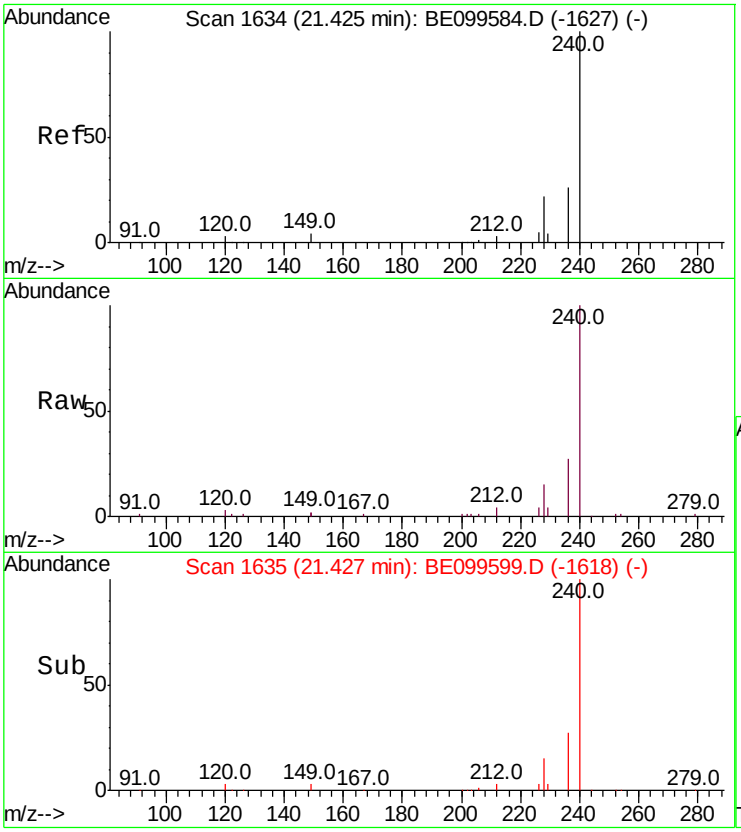


#26
Fluoranthene
Concen: 0.359 ng
RT: 19.30 min Scan# 1398
Delta R.T. -0.00 min
Lab File: BE099599.D
Acq: 10 May 2019 15:19

Tgt Ion:202 Resp: 17160

Ion	Ratio	Lower	Upper
202	100		
101	6.9	5.4	8.2
203	17.2	13.7	20.5



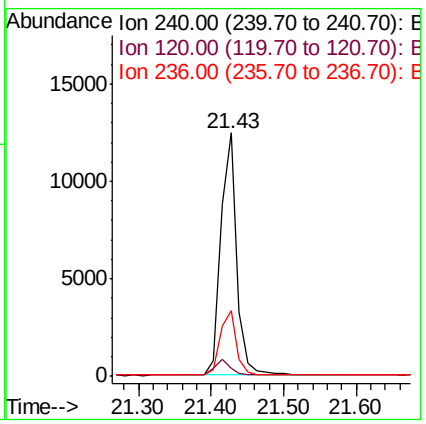


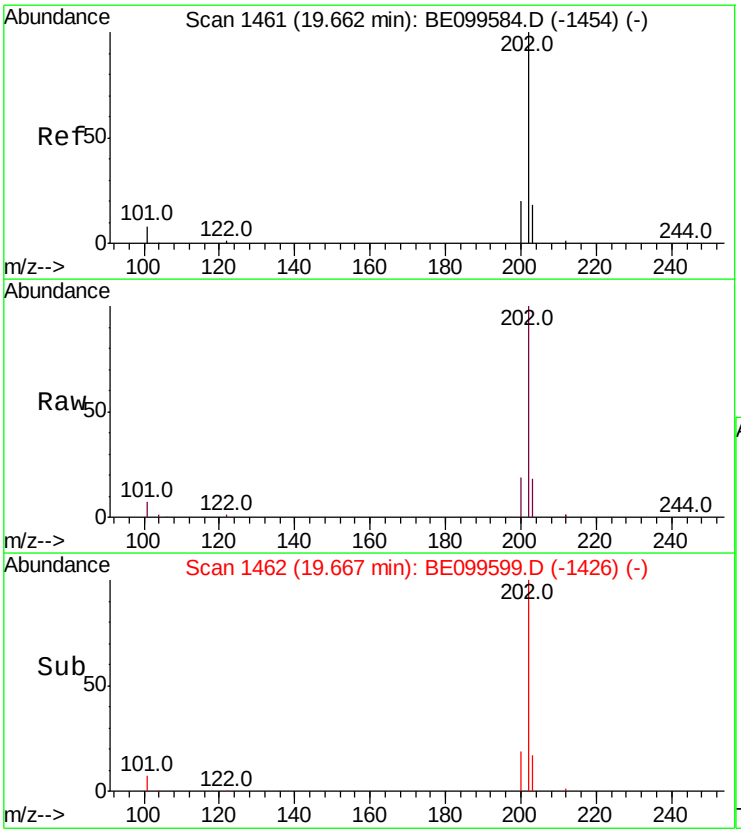
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.43 min Scan# 1635
Delta R.T. 0.00 min
Lab File: BE099599.D
Acq: 10 May 2019 15:19

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:240 Resp: 19383

Ion	Ratio	Lower	Upper
240	100		
120	3.4	3.2	4.8
236	27.0	21.0	31.6

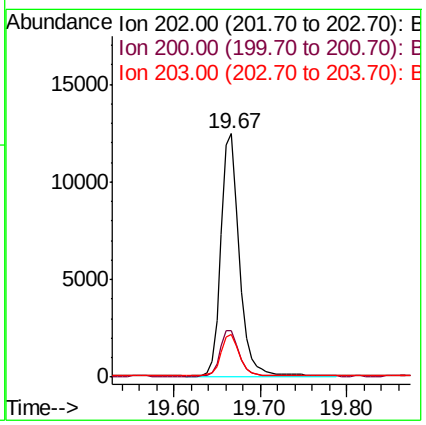


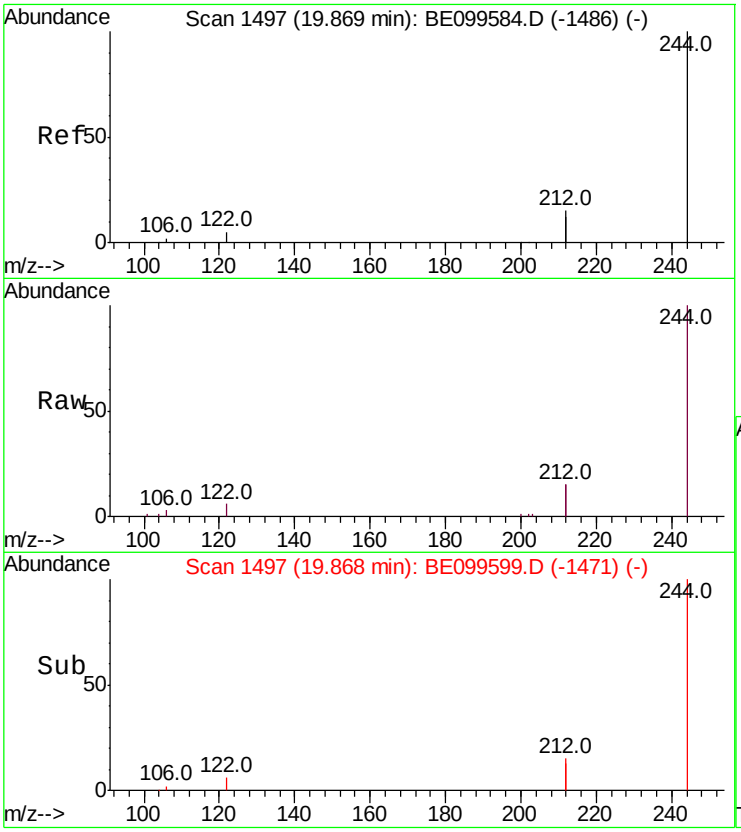


#28
Pyrene
Concen: 0.359 ng
RT: 19.67 min Scan# 1462
Delta R.T. 0.00 min
Lab File: BE099599.D
Acq: 10 May 2019 15:19

Tgt Ion:202 Resp: 18335

Ion	Ratio	Lower	Upper
202	100		
200	19.4	15.9	23.9
203	17.7	14.1	21.1



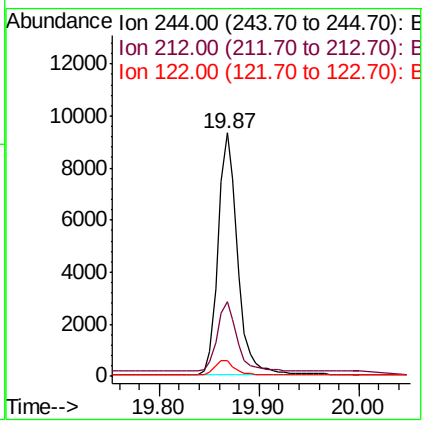


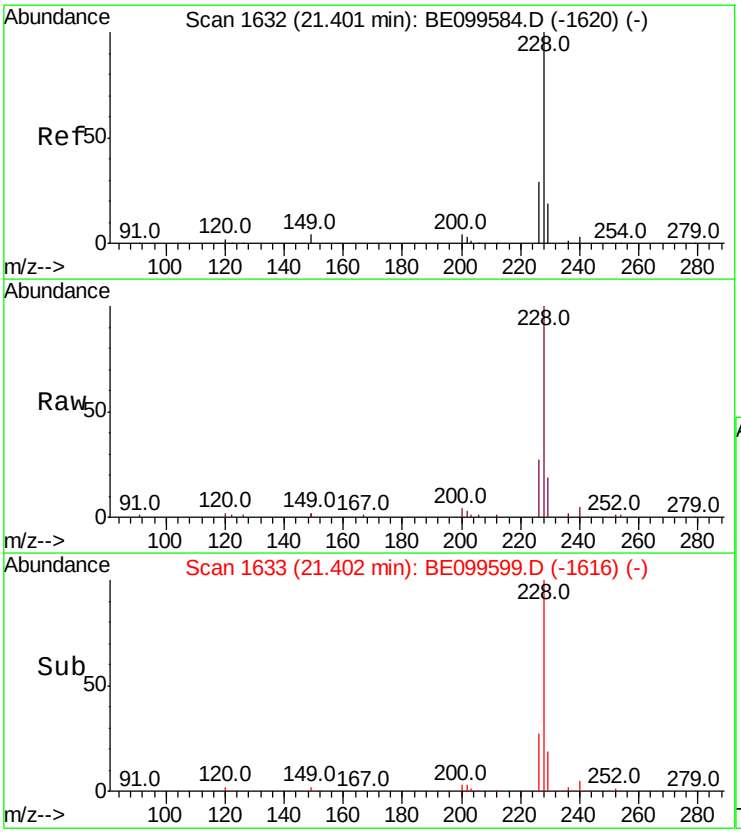
#29
Terphenyl-d14
Concen: 0.369 ng
RT: 19.87 min Scan# 1497
Delta R.T. -0.00 min
Lab File: BE099599.D
Acq: 10 May 2019 15:19

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:244 Resp: 12703

Ion	Ratio	Lower	Upper
244	100		
212	30.7	24.4	36.6
122	6.4	4.6	6.8

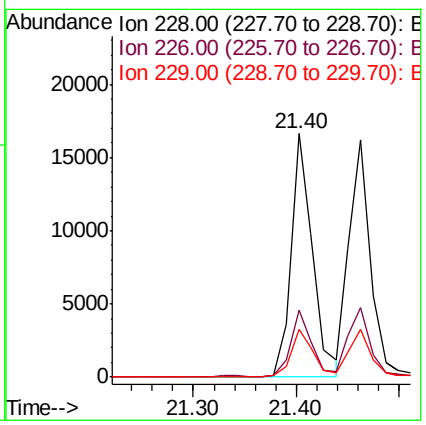


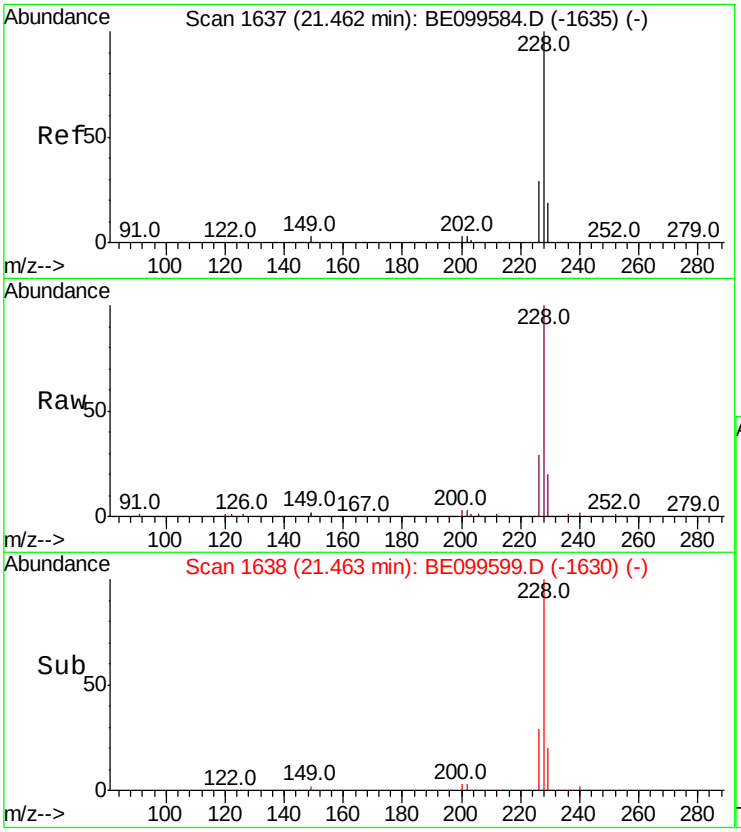


#30
Benzo(a)anthracene
Concen: 0.404 ng
RT: 21.40 min Scan# 1633
Delta R.T. 0.00 min
Lab File: BE099599.D
Acq: 10 May 2019 15:19

Tgt Ion:228 Resp: 23907

Ion	Ratio	Lower	Upper
228	100		
226	27.3	23.3	34.9
229	19.4	15.5	23.3



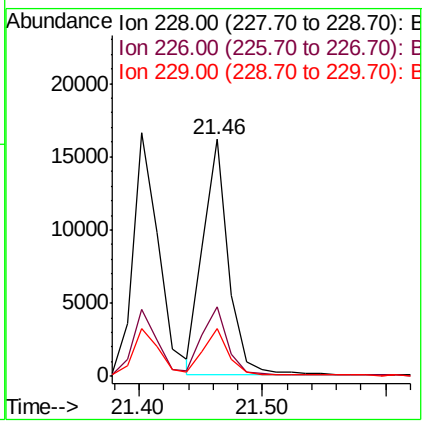


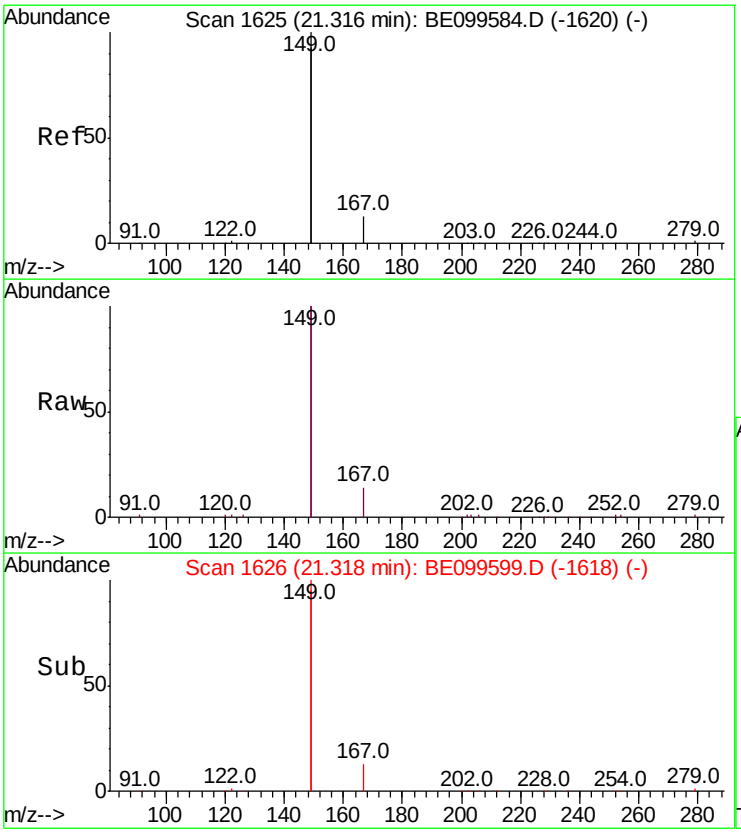
#31
Chrysene
Concen: 0.386 ng
RT: 21.46 min Scan# 1638
Delta R.T. 0.00 min
Lab File: BE099599.D
Acq: 10 May 2019 15:19

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 22837

Ion	Ratio	Lower	Upper
228	100		
226	29.4	23.2	34.8
229	20.0	15.6	23.4

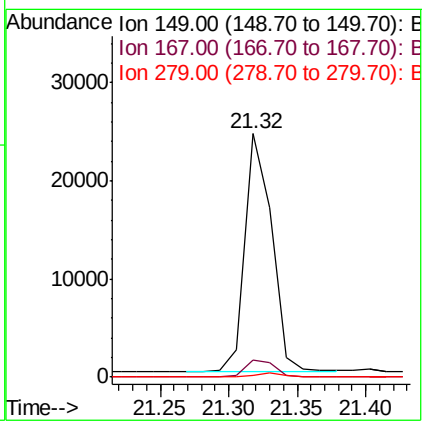


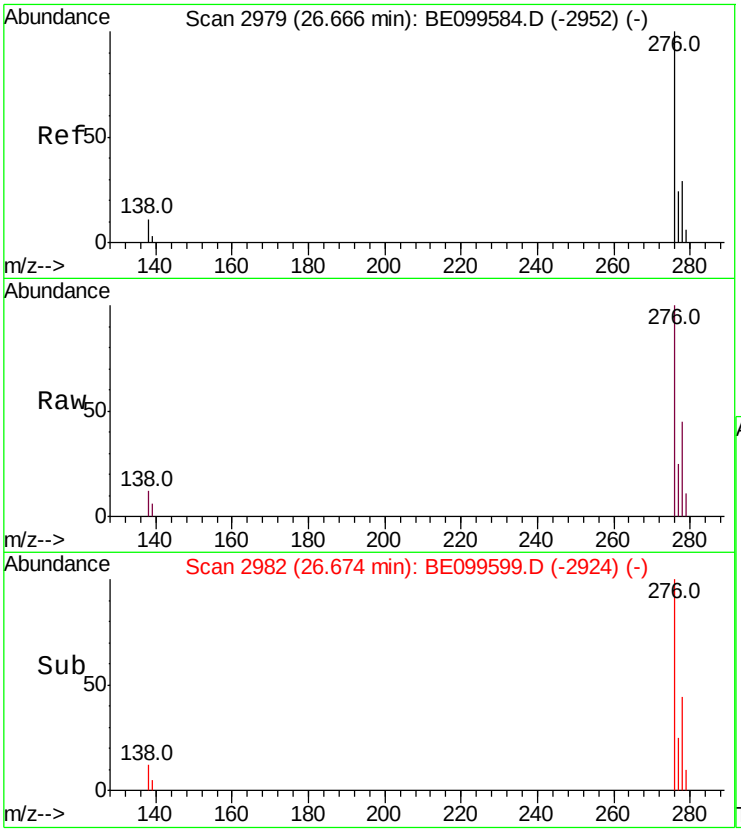


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.388 ng
RT: 21.32 min Scan# 1626
Delta R.T. 0.00 min
Lab File: BE099599.D
Acq: 10 May 2019 15:19

Tgt Ion:149 Resp: 32965

Ion	Ratio	Lower	Upper
149	100		
167	7.2	6.0	9.0
279	1.3	1.1	1.7



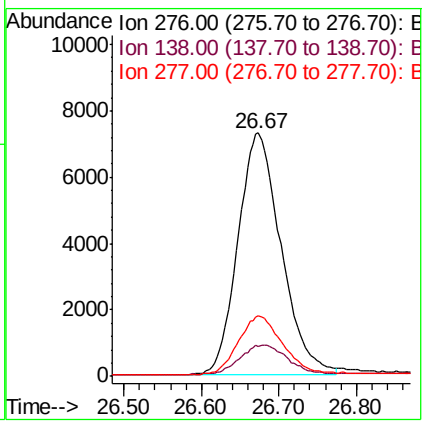


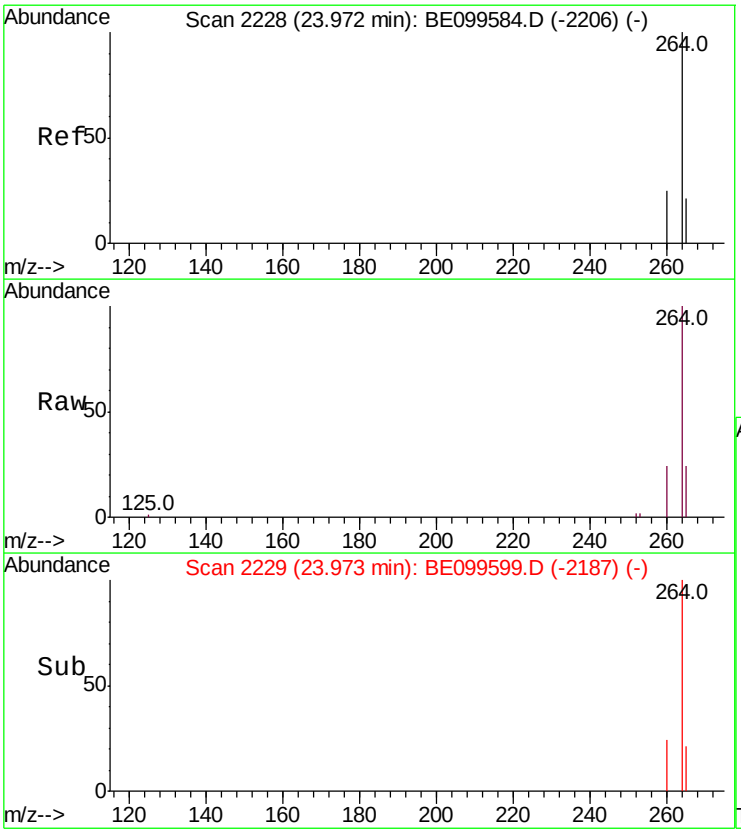
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.381 ng
RT: 26.67 min Scan# 2982
Delta R.T. 0.01 min
Lab File: BE099599.D
Acq: 10 May 2019 15:19

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 28105

Ion	Ratio	Lower	Upper
276	100		
138	13.1	10.2	15.2
277	24.8	19.8	29.8

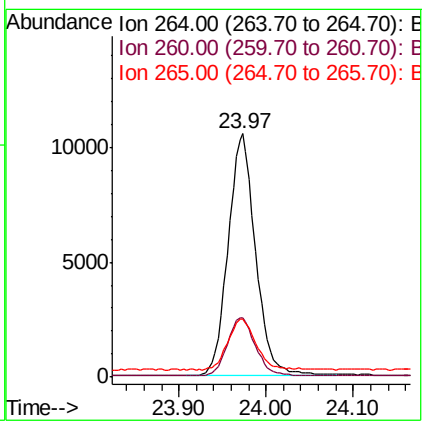


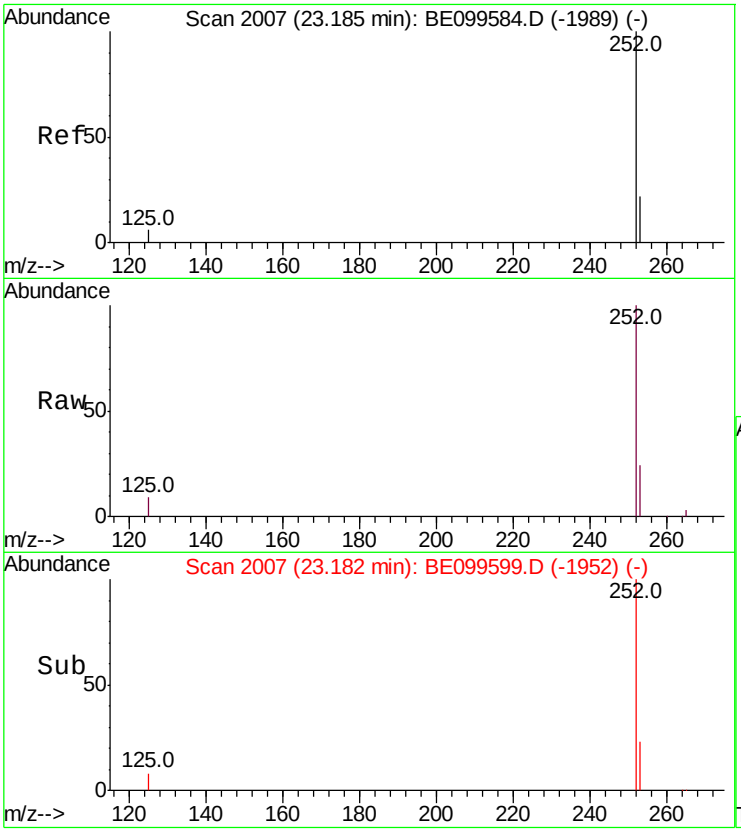


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.97 min Scan# 2229
Delta R.T. 0.00 min
Lab File: BE099599.D
Acq: 10 May 2019 15:19

Tgt Ion:264 Resp: 23052

Ion	Ratio	Lower	Upper
264	100		
260	24.3	20.3	30.5
265	23.8	20.9	31.3



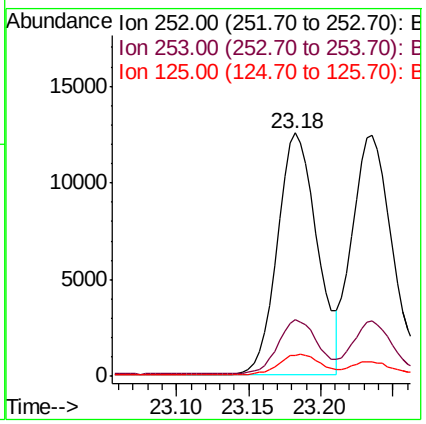


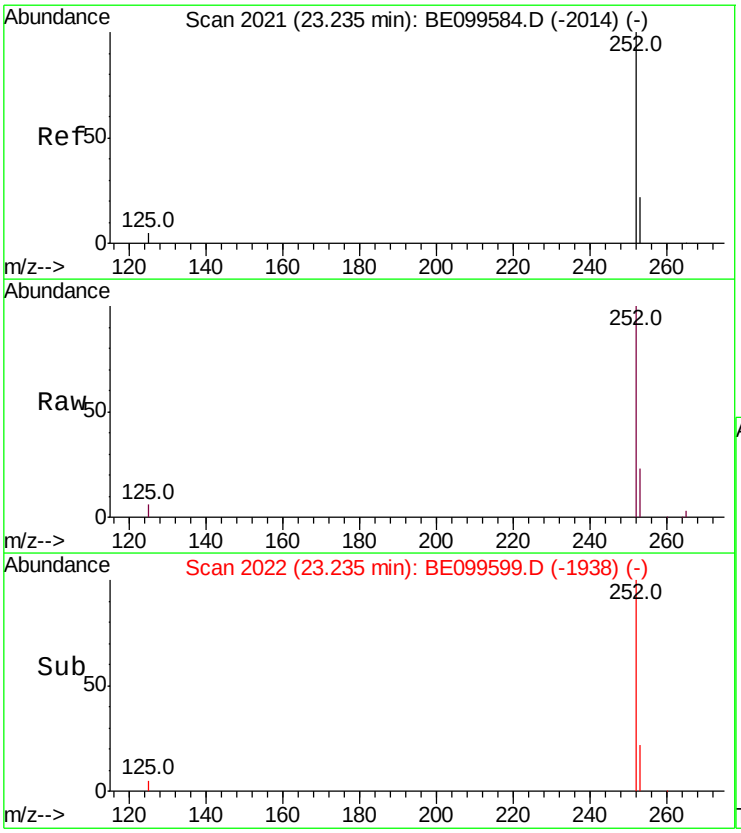
#35
Benzo(b)fluoranthene
Concen: 0.378 ng
RT: 23.18 min Scan# 2007
Delta R.T. -0.00 min
Lab File: BE099599.D
Acq: 10 May 2019 15:19

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 24061

Ion	Ratio	Lower	Upper
252	100		
253	23.5	18.6	28.0
125	8.7	6.0	9.0

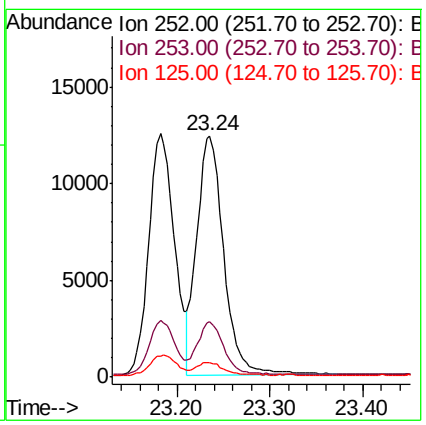


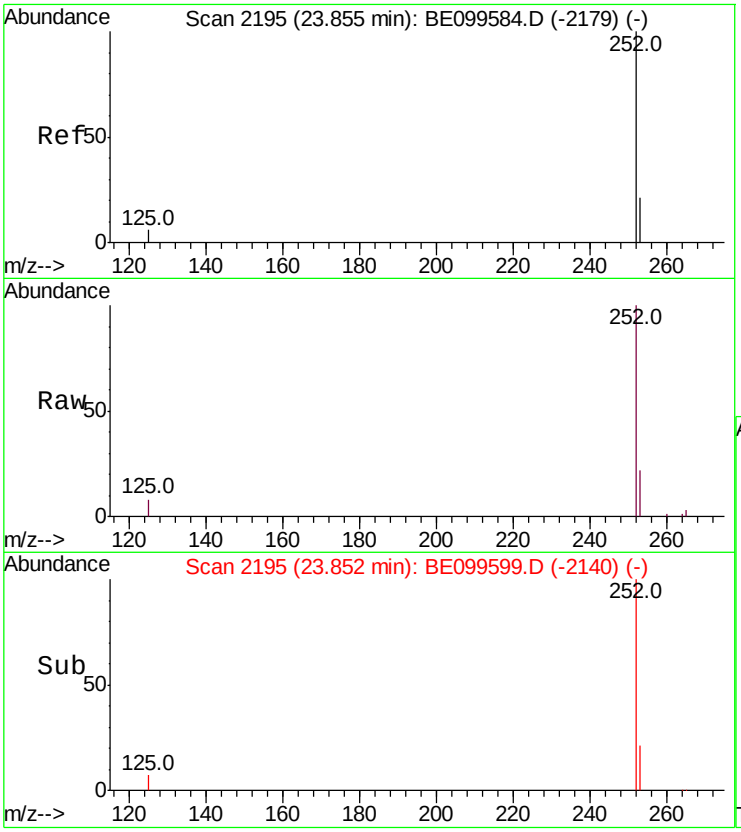


#36
Benzo(k)fluoranthene
Concen: 0.389 ng
RT: 23.24 min Scan# 2022
Delta R.T. 0.00 min
Lab File: BE099599.D
Acq: 10 May 2019 15:19

Tgt Ion:252 Resp: 24620

Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.7	28.1
125	5.9	5.1	7.7



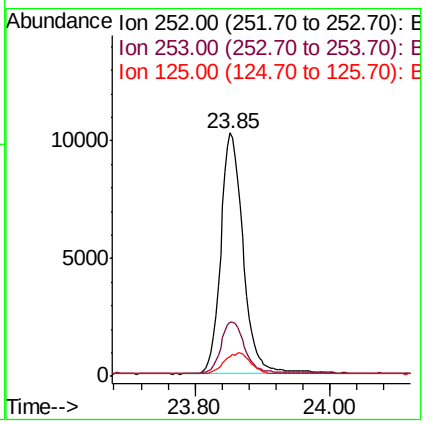


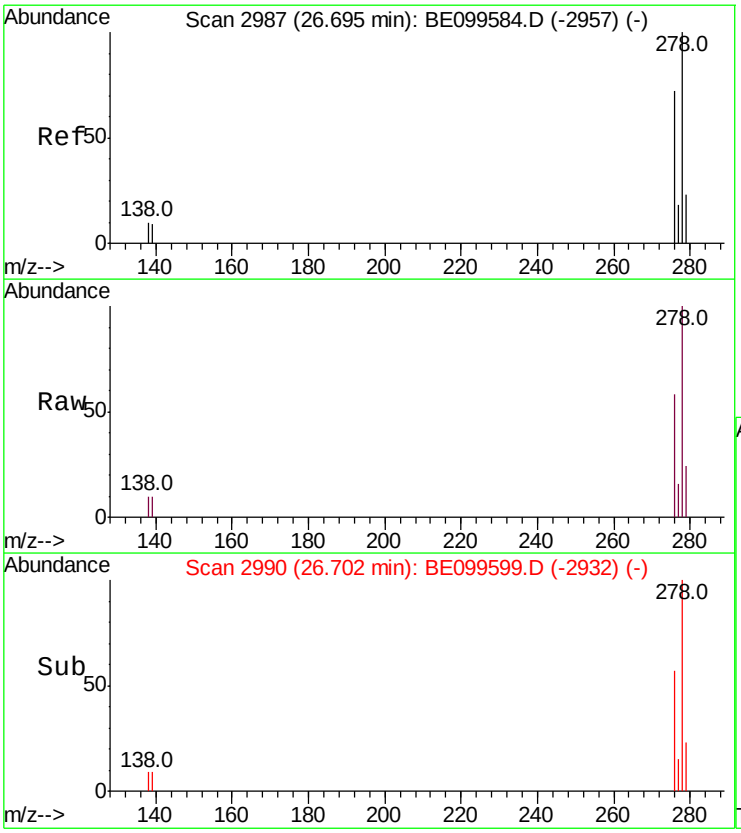
#37
Benzo(a)pyrene
Concen: 0.384 ng
RT: 23.85 min Scan# 2195
Delta R.T. -0.00 min
Lab File: BE099599.D
Acq: 10 May 2019 15:19

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 23702

Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.6	27.8
125	7.9	6.4	9.6

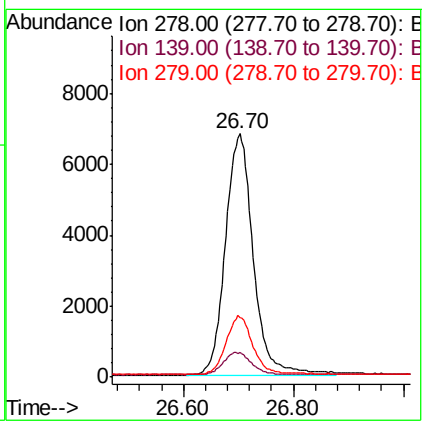


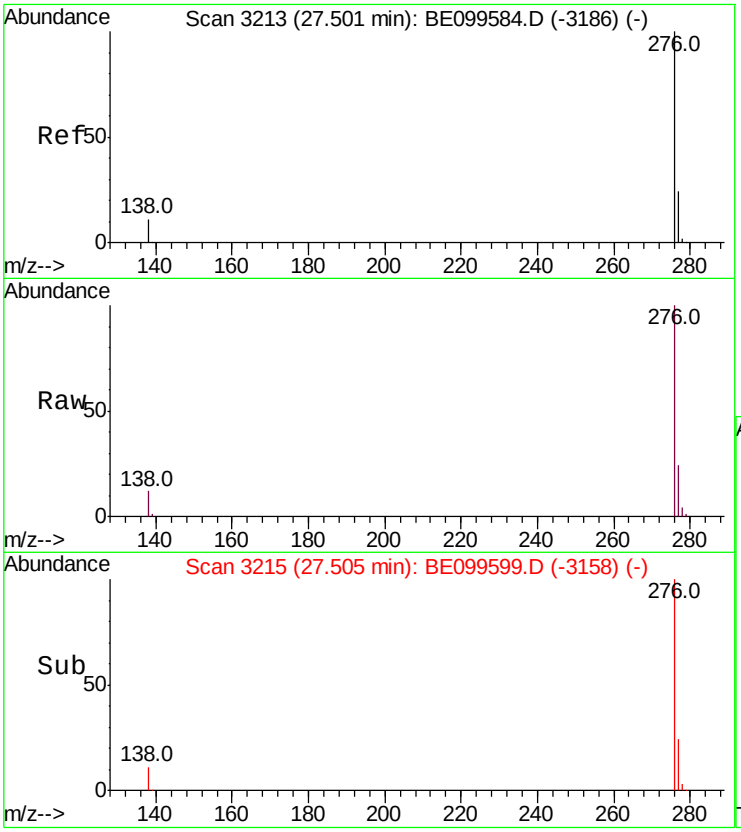


#38
Dibenzo(a,h)anthracene
Concen: 0.373 ng
RT: 26.70 min Scan# 2990
Delta R.T. 0.01 min
Lab File: BE099599.D
Acq: 10 May 2019 15:19

Tgt Ion:278 Resp: 24048

Ion	Ratio	Lower	Upper
278	100		
139	10.3	8.3	12.5
279	24.1	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: BE099599.D
Acq: 10 May 2019 15:19

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 24224

Ion	Ratio	Lower	Upper
276	100		
277	24.3	19.8	29.6
138	12.1	9.4	14.2