Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE052119\
Data File : BE099693.D
Acq On : 21 May 2019 17:31
Operator : JU/SJ
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: May 21 18:54:13 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE052019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 20 19:29:40 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.81	152	1917	0.40	ng		0.00
7) Naphthalene-d8	10.61	136	7064	0.40	ng		0.00
13) Acenaphthene-d10	14.48	164	5303	0.40	ng		0.00
19) Phenanthrene-d10	17.23	188	14831	0.40	ng		0.00
27) Chrysene-d12	21.41	240	19786	0.40	ng		0.00
34) Perylene-d12	23.96	264	23611	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.38	112	1767	0.36	ng		0.00
5) Phenol-d6	6.97	99	2444	0.38	ng		0.00
8) Nitrobenzene-d5	8.98	82	2211	0.36	ng		0.00
11) 2-Methylnaphthalene-d10	12.22	152	4583	0.38	ng		0.00
14) 2,4,6-Tribromophenol	15.98	330	1064	0.40	ng		0.00
15) 2-Fluorobiphenyl	13.10	172	7016	0.35	ng		0.00
25) Fluoranthene-d10	19.26	212	68001	0.34	ng		0.00
29) Terphenyl-d14	19.86	244	13526	0.38	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.30	88	837	0.295	ng	#	85
3) n-Nitrosodimethylamine	3.64	42	356	0.227	ng	#	79
6) bis(2-Chloroethyl)ether	7.23	93	2018	0.354	ng		99
9) Naphthalene	10.67	128	27317	0.362	ng		100
10) Hexachlorobutadiene	10.94	225	2027	0.364	ng		96
12) 2-Methylnaphthalene	12.29	142	4501	0.365	ng		100
16) Acenaphthylene	14.21	152	8704	0.352	ng		100
17) Acenaphthene	14.54	154	4897	0.353	ng		98
18) Fluorene	15.53	166	6984	0.342	ng		100
20) 4-Bromophenyl-phenylether	16.43	248	3095	0.362	ng		98
21) Hexachlorobenzene	16.53	284	3279	0.375	ng		100
22) Pentachlorophenol	16.92	266	659	0.425	ng		96
23) Phenanthrene	17.27	178	12982	0.358	ng		100
24) Anthracene	17.36	178	11520	0.350	ng		100
26) Fluoranthene	19.29	202	19340	0.338	ng		99
28) Pyrene	19.66	202	20127	0.405	ng		100
30) Benzo(a)anthracene	21.40	228	22839	0.406	ng		99
31) Chrysene	21.45	228	24020	0.400	ng		99
32) Bis(2-ethylhexyl)phthalate	21.32	149	31471	0.486	ng		99
33) Indeno(1,2,3-cd)pyrene	26.65	276	28257	0.389	ng	#	94
35) Benzo(b)fluoranthene	23.22	252	23862	0.369	ng		100
36) Benzo(k)fluoranthene	23.22	252	24060	0.357	ng		99
37) Benzo(a)pyrene	23.84	252	22408	0.360	ng	#	98
38) Dibenzo(a,h)anthracene	26.68	278	22874	0.350	ng		98
39) Benzo(g,h,i)perylene	27.48	276	23437	0.355	ng		99

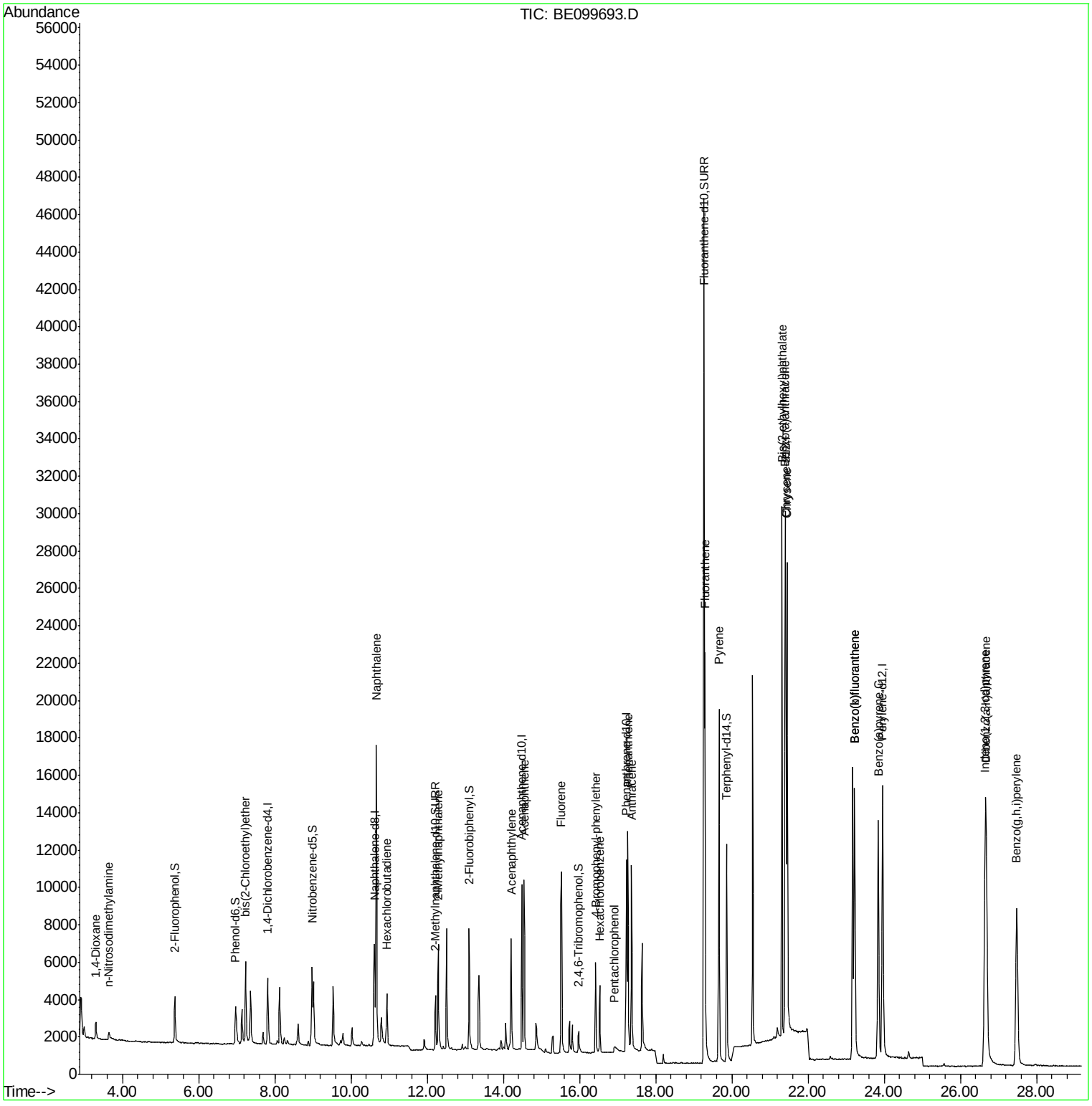
(#) = qualifier out of range (m) = manual integration (+) = signals summed

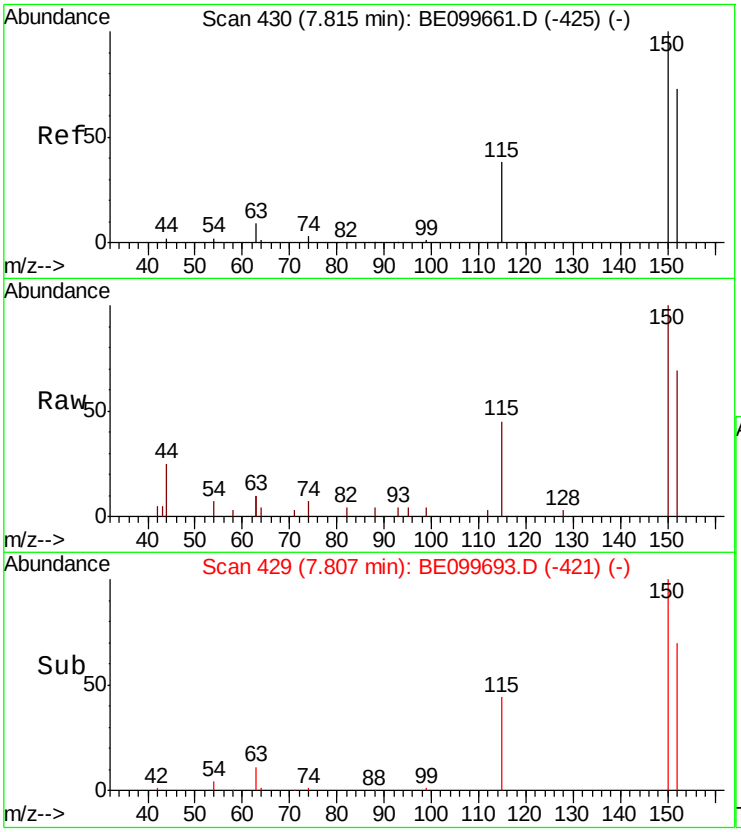
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE052119\
Data File : BE099693.D
Acq On : 21 May 2019 17:31
Operator : JU/SJ
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: May 21 18:54:13 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE052019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 20 19:29:40 2019
Response via : Initial Calibration



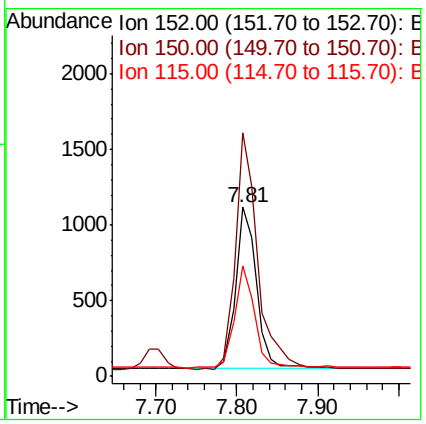


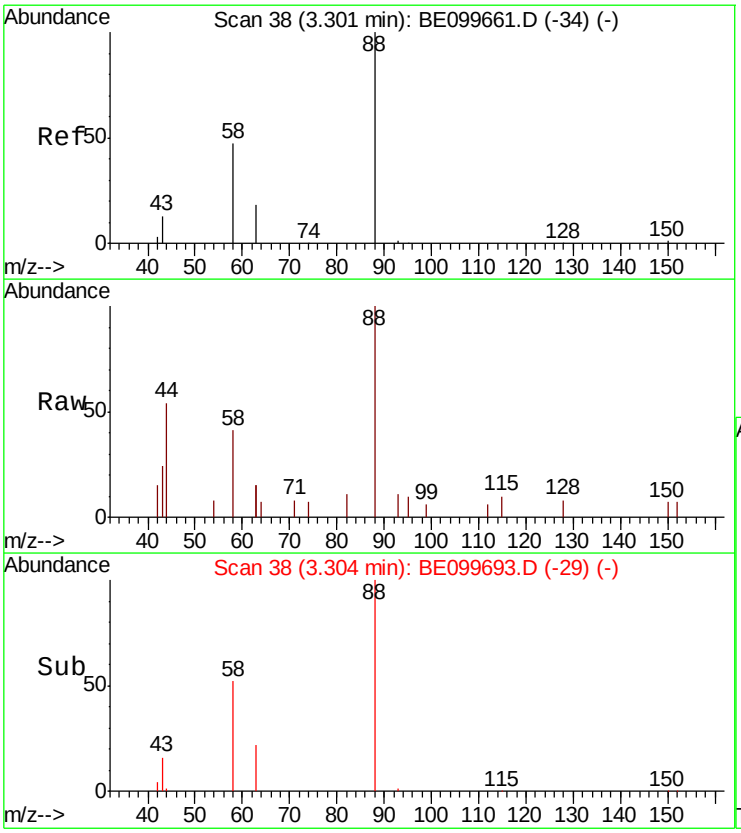
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.81 min Scan# 429
Delta R.T. -0.01 min
Lab File: BE099693.D
Acq: 21 May 2019 17:31

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 1917

Ion	Ratio	Lower	Upper
152	100		
150	144.0	109.2	163.8
115	65.2	43.7	65.5

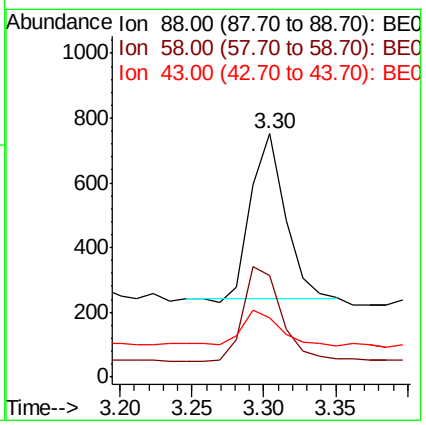


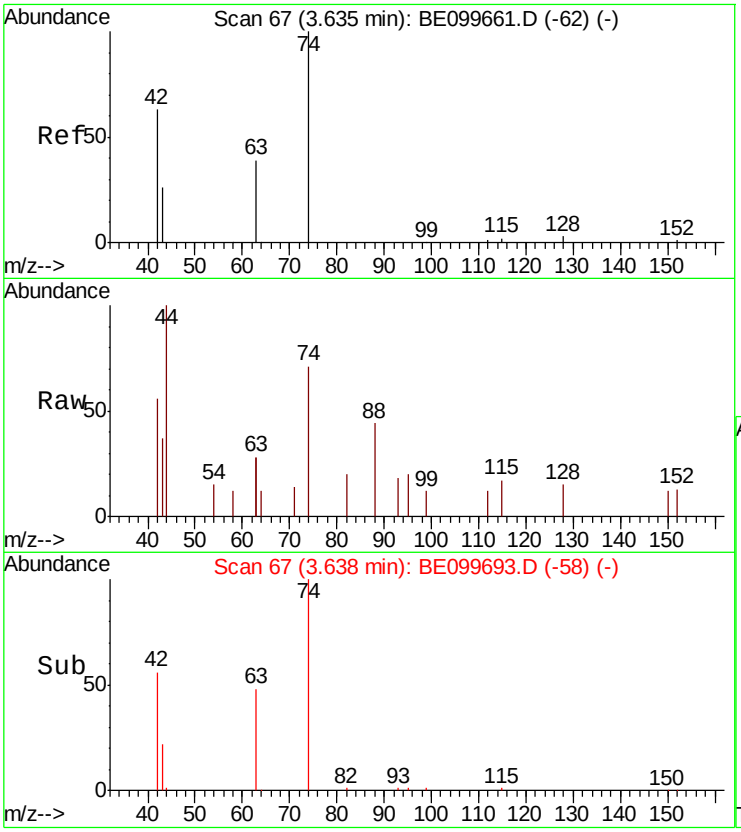


#2
1,4-Dioxane
Concen: 0.295 ng
RT: 3.30 min Scan# 38
Delta R.T. 0.00 min
Lab File: BE099693.D
Acq: 21 May 2019 17:31

Tgt Ion: 88 Resp: 837

Ion	Ratio	Lower	Upper
88	100		
58	63.4	41.8	62.8#
43	24.1	15.0	22.4#



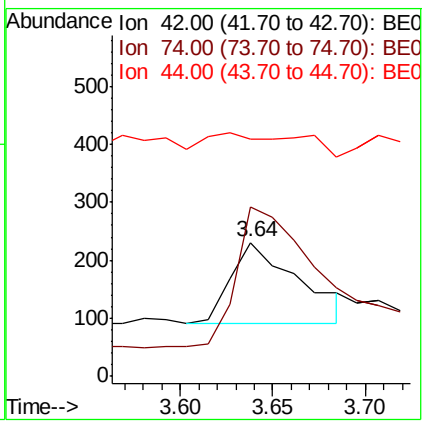


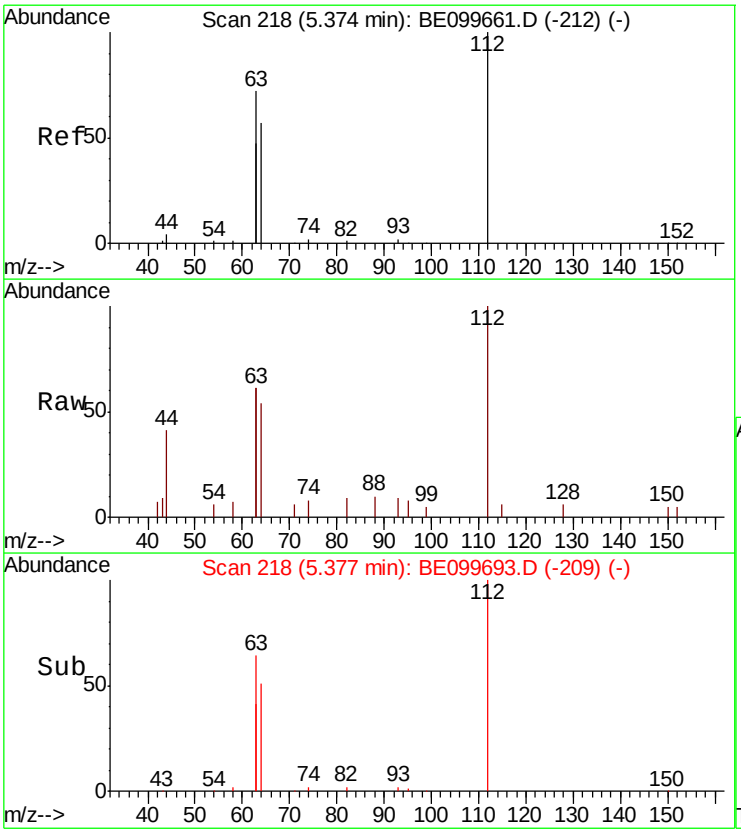
#3
n-Nitrosodimethylamine
Concen: 0.227 ng
RT: 3.64 min Scan# 67
Delta R.T. 0.00 min
Lab File: BE099693.D
Acq: 21 May 2019 17:31

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 42 Resp: 356

Ion	Ratio	Lower	Upper
42	100		
74	188.8	129.2	193.8
44	41.0	0.0	0.0#

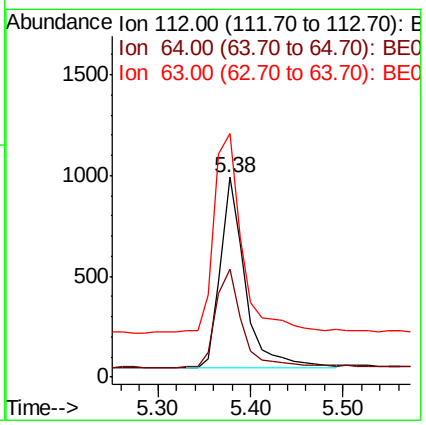


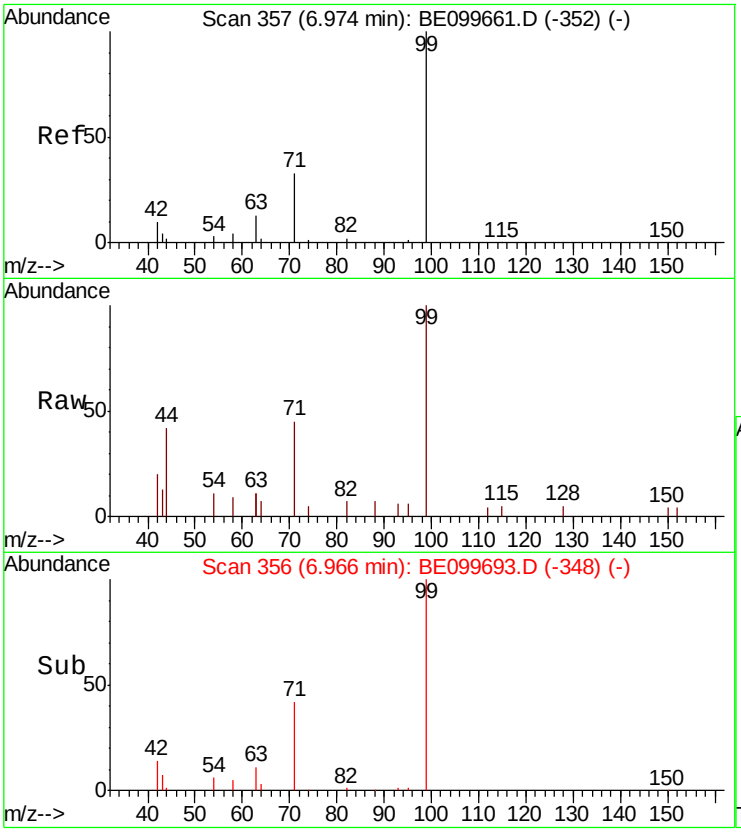


#4
2-Fluorophenol
Concen: 0.365 ng
RT: 5.38 min Scan# 218
Delta R.T. 0.00 min
Lab File: BE099693.D
Acq: 21 May 2019 17:31

Tgt Ion:112 Resp: 1767

Ion	Ratio	Lower	Upper
112	100		
64	58.2	43.4	65.2
63	115.0	96.9	145.3



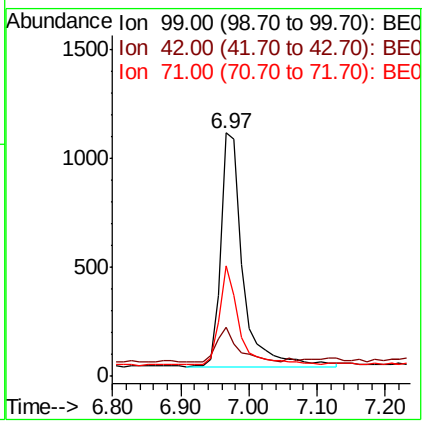


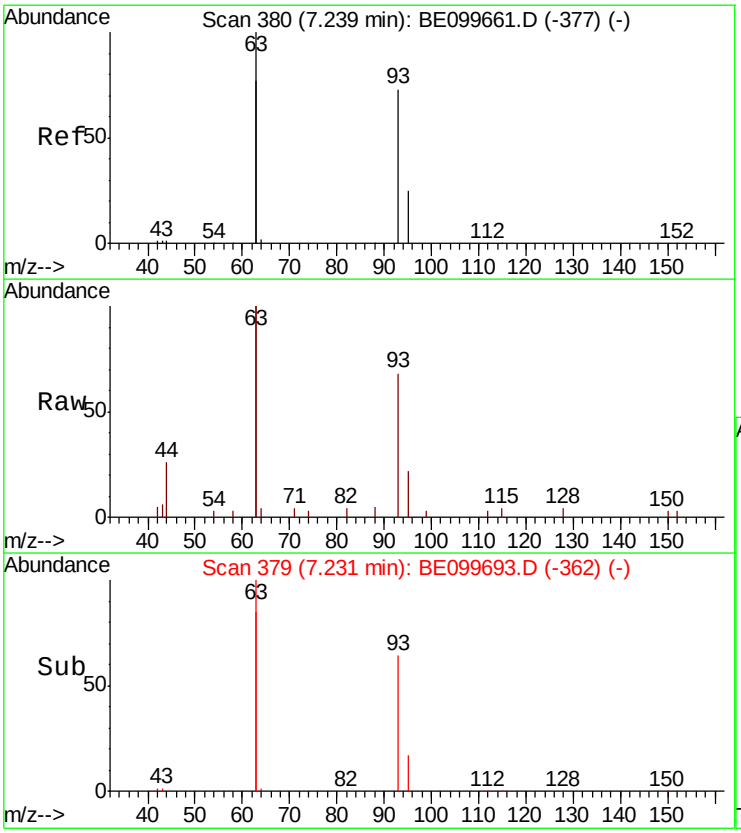
#5
Phenol-d6
Concen: 0.381 ng
RT: 6.97 min Scan# 356
Delta R.T. -0.01 min
Lab File: BE099693.D
Acq: 21 May 2019 17:31

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 99 Resp: 2444

Ion	Ratio	Lower	Upper
99	100		
42	13.3	12.2	18.2
71	38.2	28.9	43.3

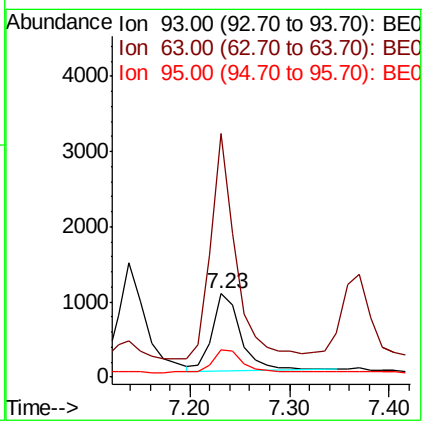


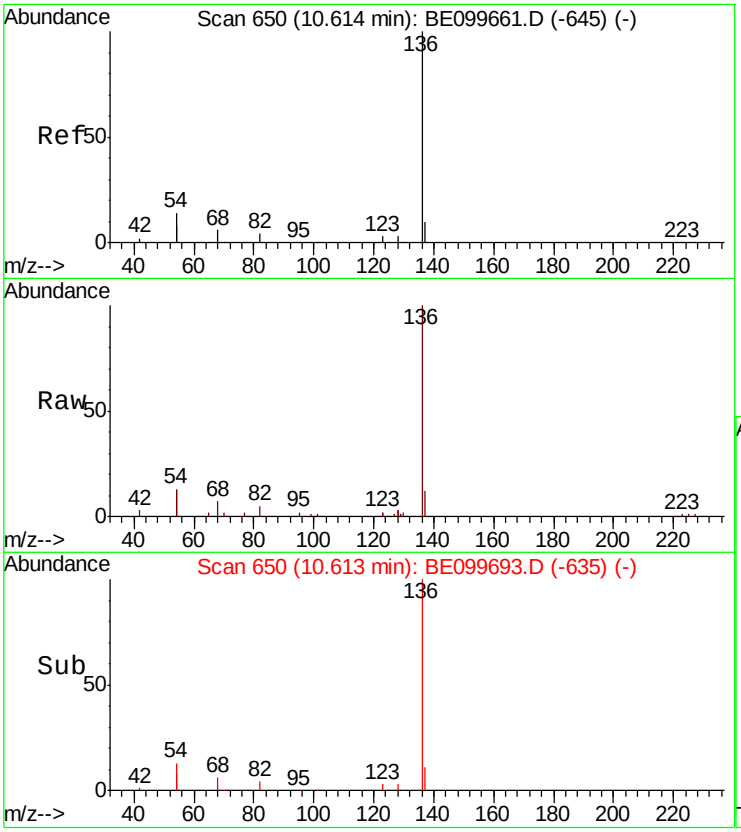


#6
bis(2-Chloroethyl)ether
Concen: 0.354 ng
RT: 7.23 min Scan# 379
Delta R.T. -0.01 min
Lab File: BE099693.D
Acq: 21 May 2019 17:31

Tgt Ion: 93 Resp: 2018

Ion	Ratio	Lower	Upper
93	100		
63	259.2	207.8	311.6
95	30.4	25.9	38.9



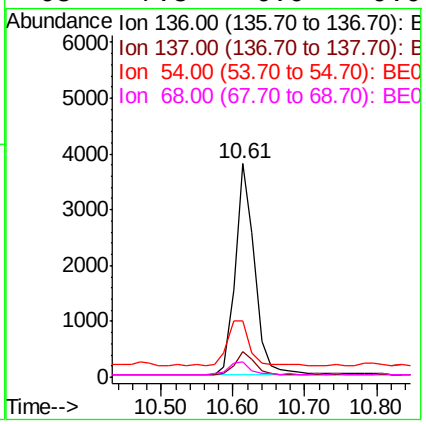


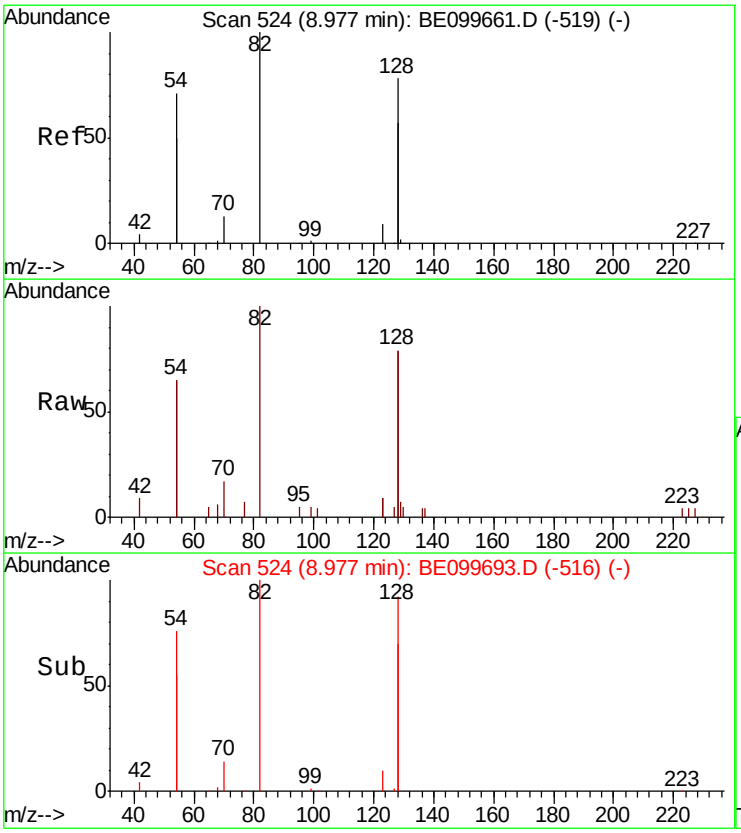
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.61 min Scan# 650
Delta R.T. -0.00 min
Lab File: BE099693.D
Acq: 21 May 2019 17:31

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:136 Resp: 7064

Ion	Ratio	Lower	Upper
136	100		
137	11.9	9.0	13.6
54	26.2	22.3	33.5
68	7.3	6.0	9.0

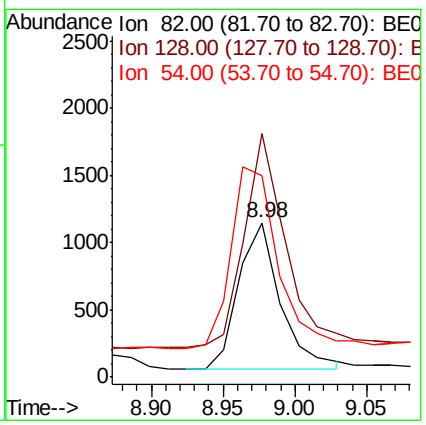


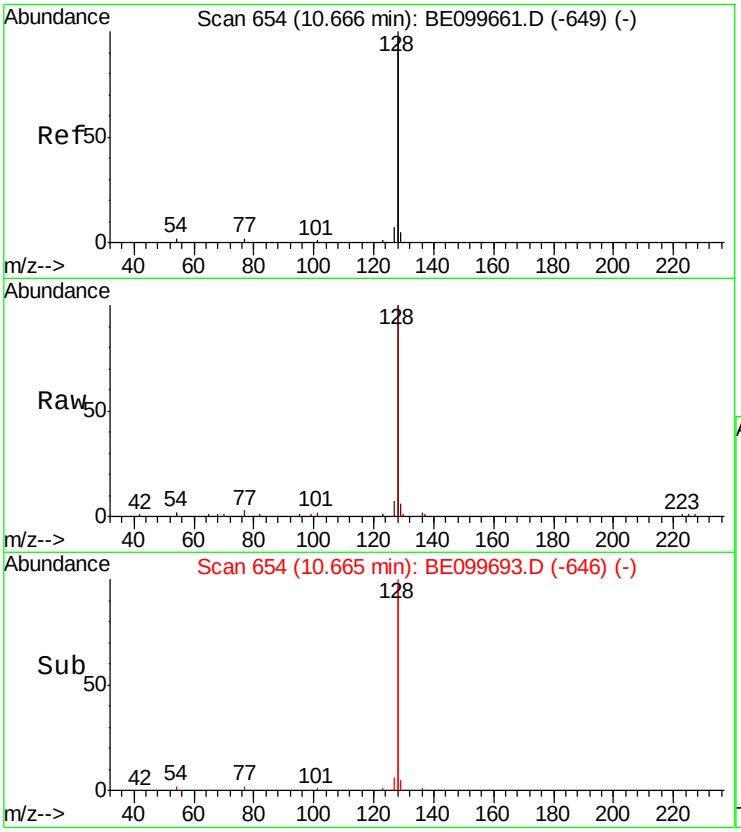


#8
Nitrobenzene-d5
Concen: 0.362 ng
RT: 8.98 min Scan# 524
Delta R.T. -0.00 min
Lab File: BE099693.D
Acq: 21 May 2019 17:31

Tgt Ion: 82 Resp: 2211

Ion	Ratio	Lower	Upper
82	100		
128	157.7	117.7	176.5
54	130.3	106.6	160.0



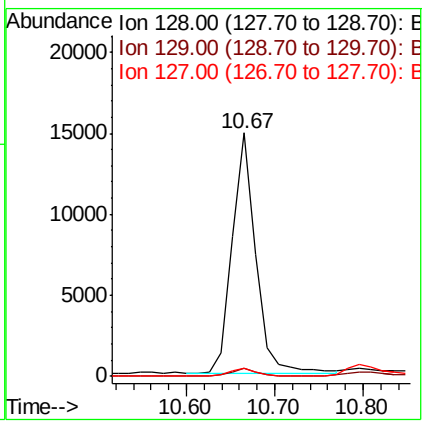


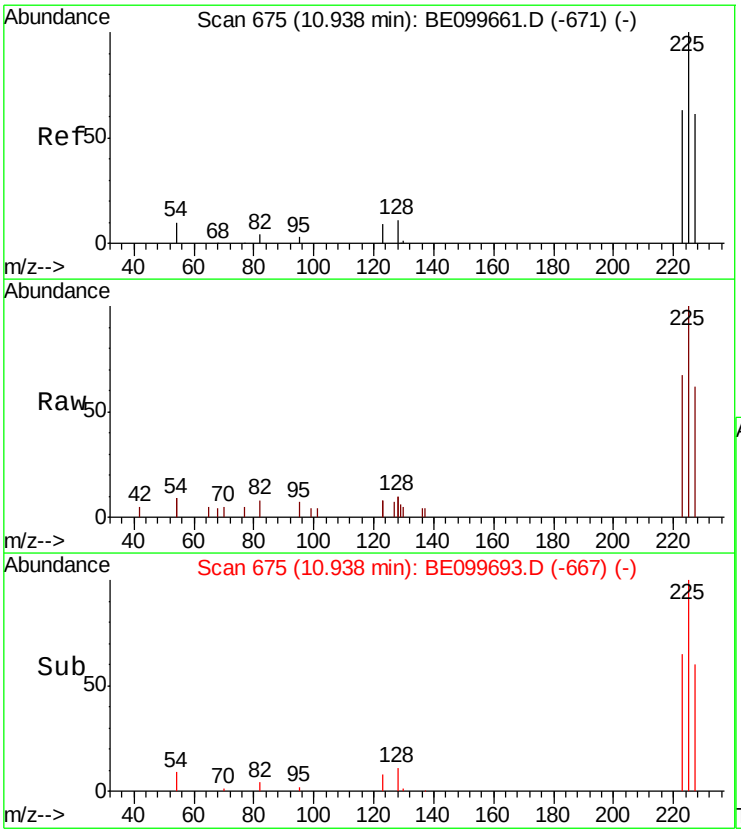
#9
Naphthalene
Concen: 0.362 ng
RT: 10.67 min Scan# 654
Delta R.T. -0.00 min
Lab File: BE099693.D
Acq: 21 May 2019 17:31

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:128 Resp: 27317

Ion	Ratio	Lower	Upper
128	100		
129	3.1	2.4	3.6
127	3.4	2.9	4.3

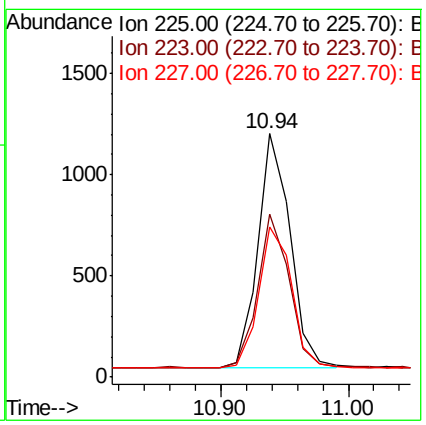


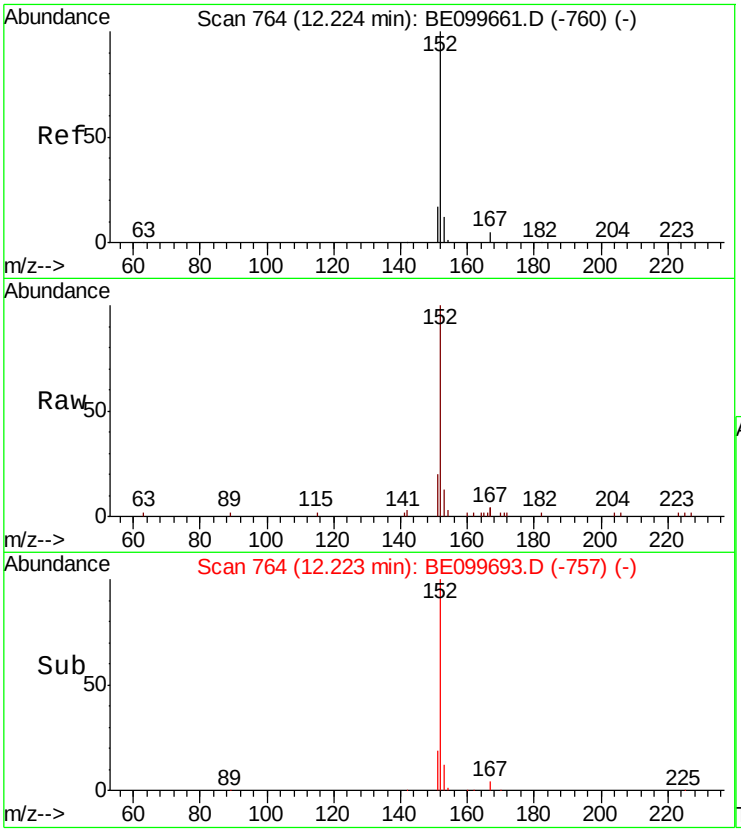


#10
Hexachlorobutadiene
Concen: 0.364 ng
RT: 10.94 min Scan# 675
Delta R.T. -0.00 min
Lab File: BE099693.D
Acq: 21 May 2019 17:31

Tgt Ion:225 Resp: 2027

Ion	Ratio	Lower	Upper
225	100		
223	62.7	51.8	77.6
227	61.4	52.6	79.0



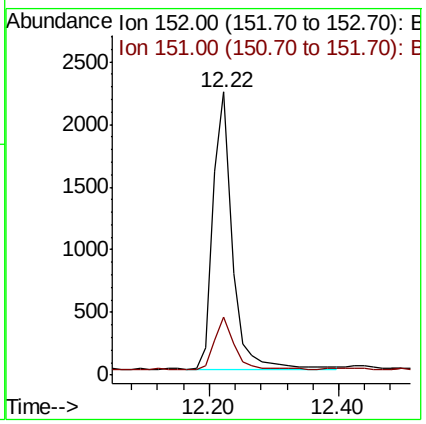


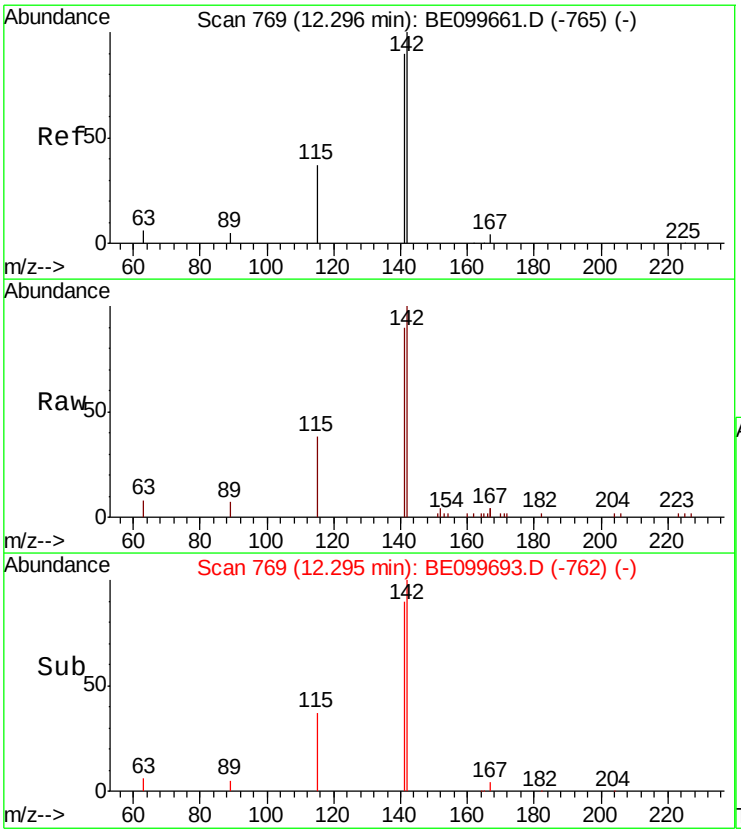
#11
2-Methylnaphthalene-d10
Concen: 0.376 ng
RT: 12.22 min Scan# 764
Delta R.T. -0.00 min
Lab File: BE099693.D
Acq: 21 May 2019 17:31

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 4583

Ion	Ratio	Lower	Upper
152	100		
151	19.0	15.0	22.4

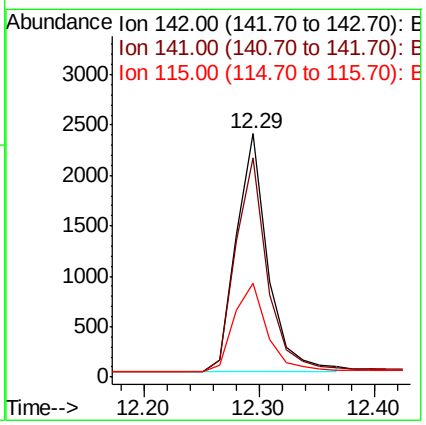


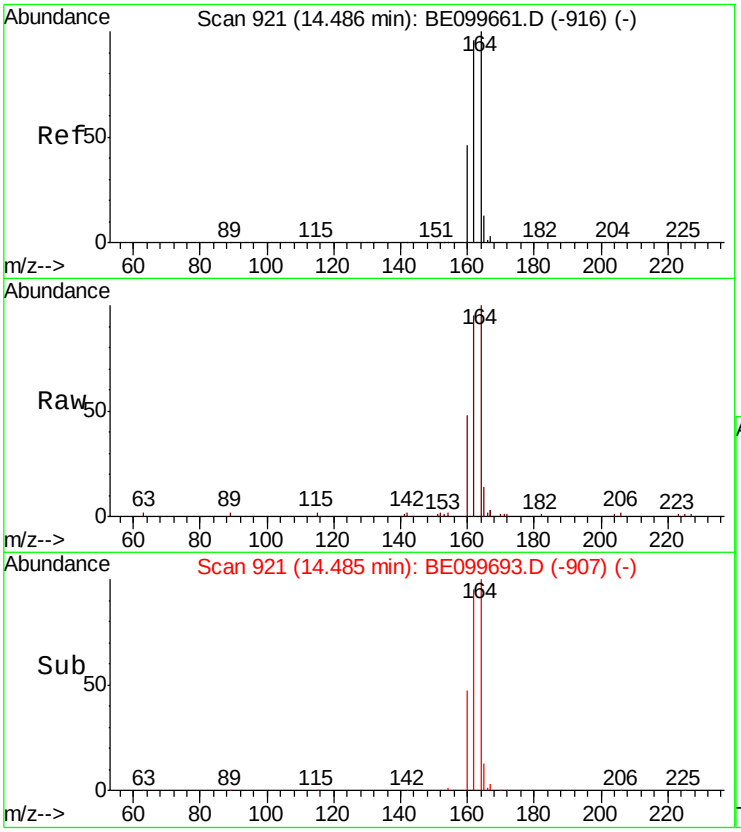


#12
2-Methylnaphthalene
Concen: 0.365 ng
RT: 12.29 min Scan# 769
Delta R.T. -0.00 min
Lab File: BE099693.D
Acq: 21 May 2019 17:31

Tgt Ion:142 Resp: 4501

Ion	Ratio	Lower	Upper
142	100		
141	90.1	72.0	108.0
115	38.5	31.0	46.4



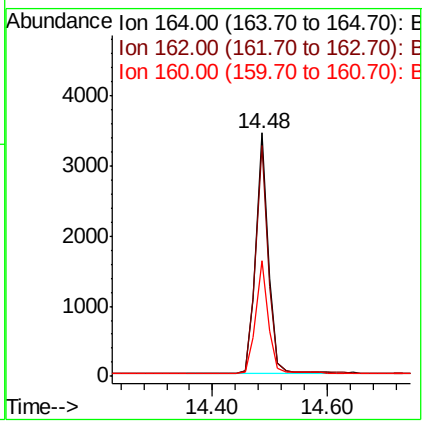


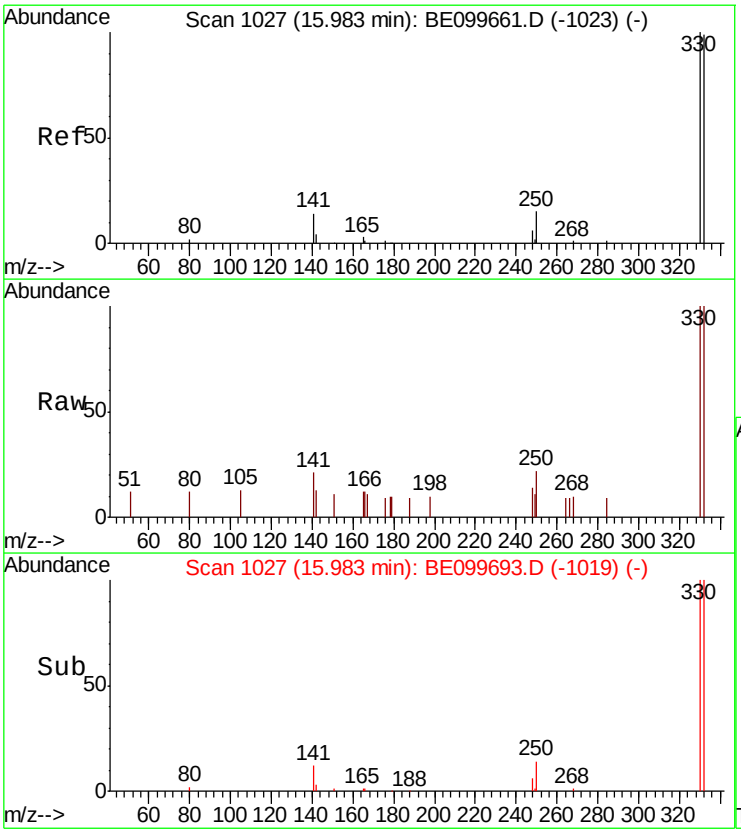
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.48 min Scan# 921
Delta R.T. -0.00 min
Lab File: BE099693.D
Acq: 21 May 2019 17:31

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:164 Resp: 5303

Ion	Ratio	Lower	Upper
164	100		
162	94.9	76.5	114.7
160	47.7	37.4	56.2

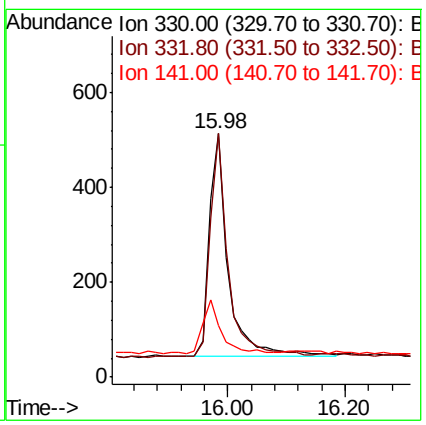


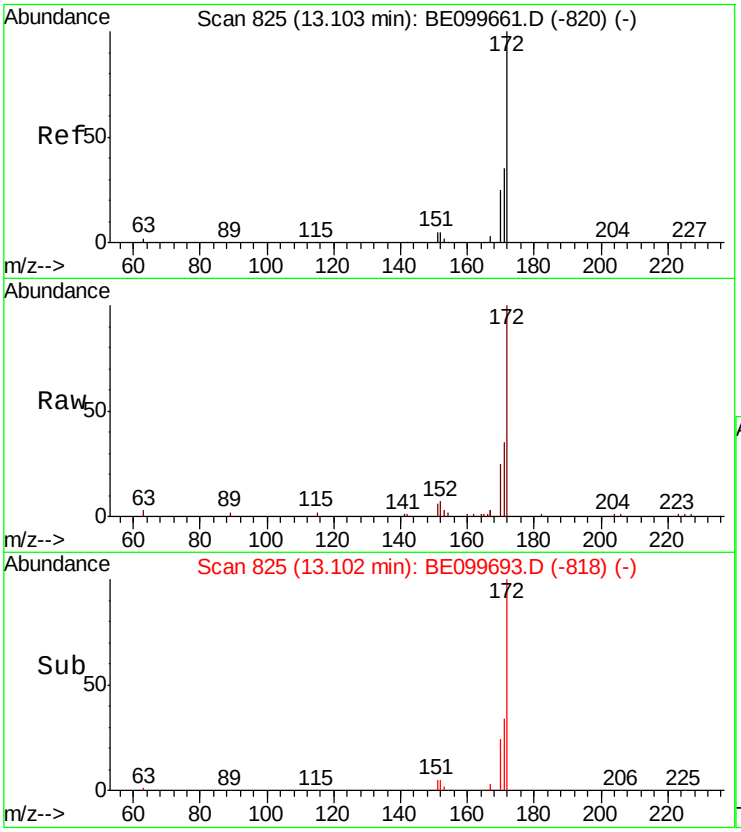


#14
2,4,6-Tribromophenol
Concen: 0.395 ng
RT: 15.98 min Scan# 1027
Delta R.T. 0.00 min
Lab File: BE099693.D
Acq: 21 May 2019 17:31

Tgt Ion:330 Resp: 1064

Ion	Ratio	Lower	Upper
330	100		
332	94.9	77.3	115.9
141	23.4	18.9	28.3



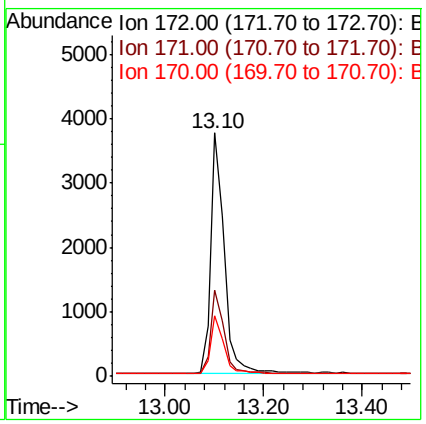


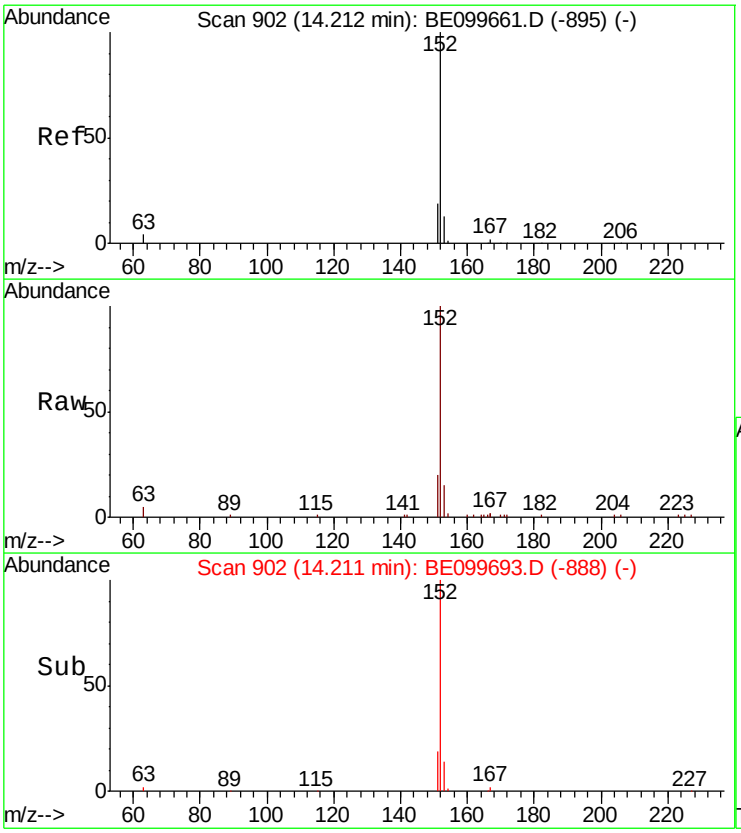
#15
2-Fluorobiphenyl
Concen: 0.349 ng
RT: 13.10 min Scan# 825
Delta R.T. -0.00 min
Lab File: BE099693.D
Acq: 21 May 2019 17:31

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:172 Resp: 7016

Ion	Ratio	Lower	Upper
172	100		
171	35.3	28.7	43.1
170	24.9	20.9	31.3

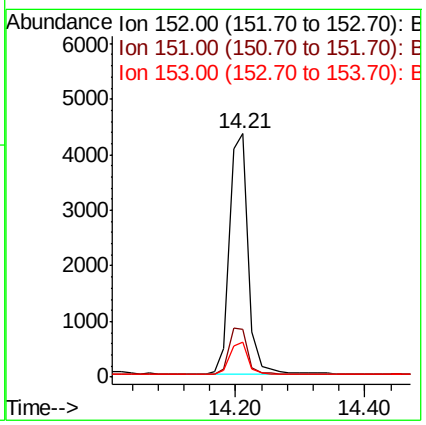


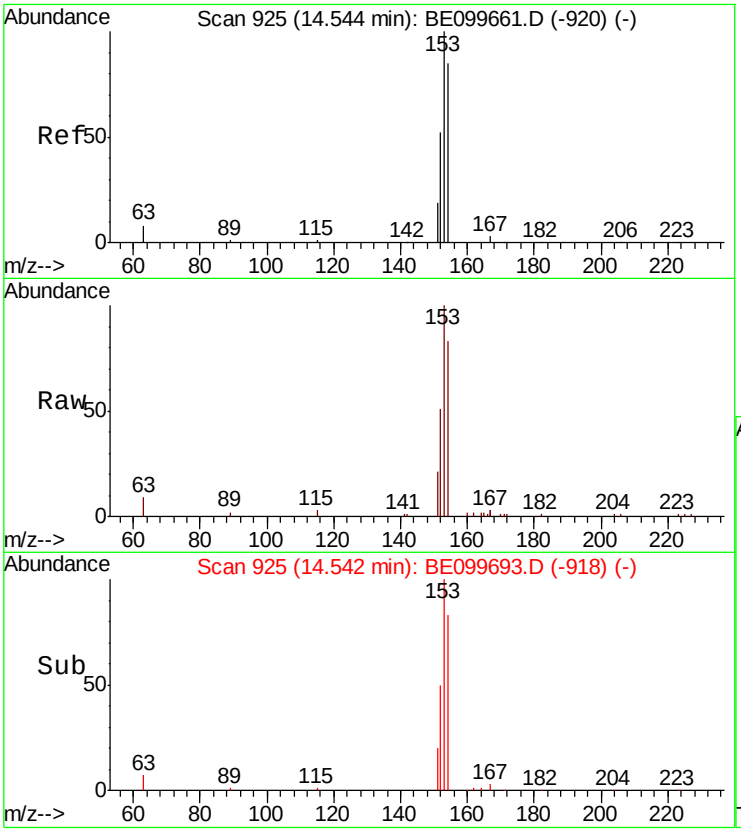


#16
Acenaphthylene
Concen: 0.352 ng
RT: 14.21 min Scan# 902
Delta R.T. -0.00 min
Lab File: BE099693.D
Acq: 21 May 2019 17:31

Tgt Ion:152 Resp: 8704

Ion	Ratio	Lower	Upper
152	100		
151	19.8	15.9	23.9
153	13.2	10.6	16.0



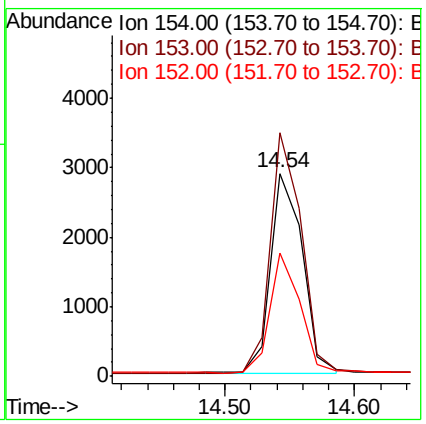


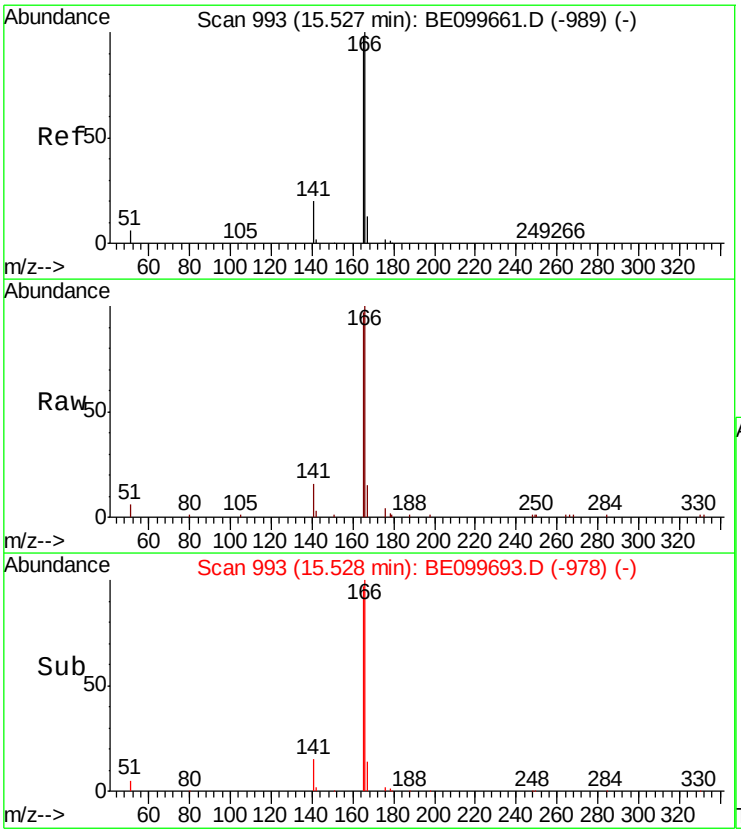
#17
Acenaphthene
Concen: 0.353 ng
RT: 14.54 min Scan# 925
Delta R.T. -0.00 min
Lab File: BE099693.D
Acq: 21 May 2019 17:31

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:154 Resp: 4897

Ion	Ratio	Lower	Upper
154	100		
153	117.3	91.8	137.6
152	57.2	46.0	69.0

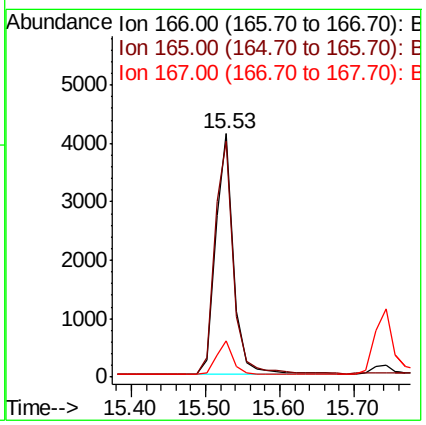


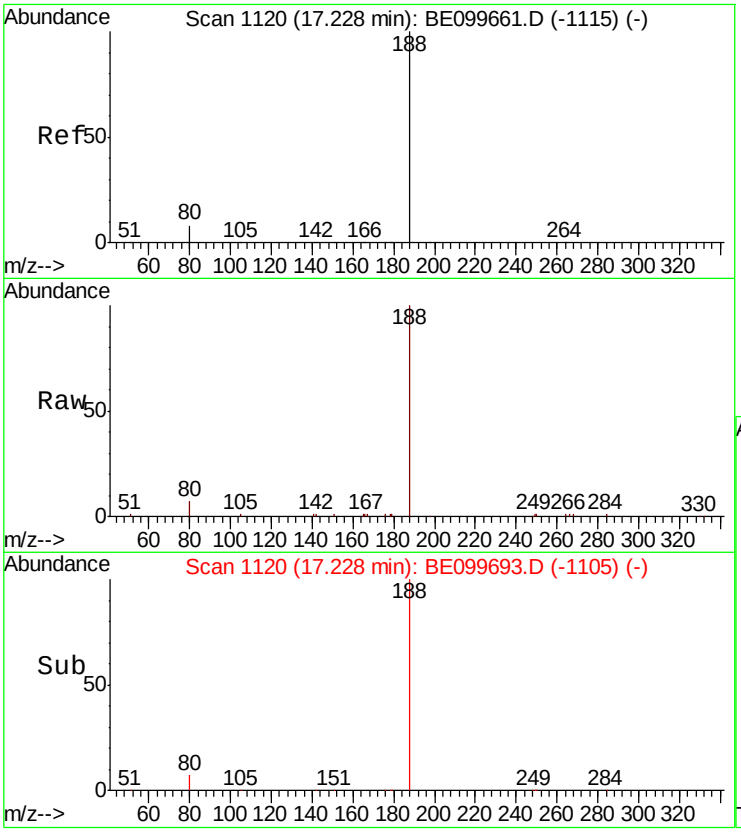


#18
Fluorene
Concen: 0.342 ng
RT: 15.53 min Scan# 993
Delta R.T. 0.00 min
Lab File: BE099693.D
Acq: 21 May 2019 17:31

Tgt Ion:166 Resp: 6984

Ion	Ratio	Lower	Upper
166	100		
165	100.8	80.3	120.5
167	13.4	10.6	16.0



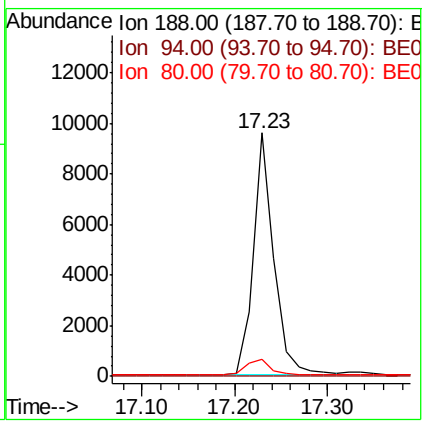


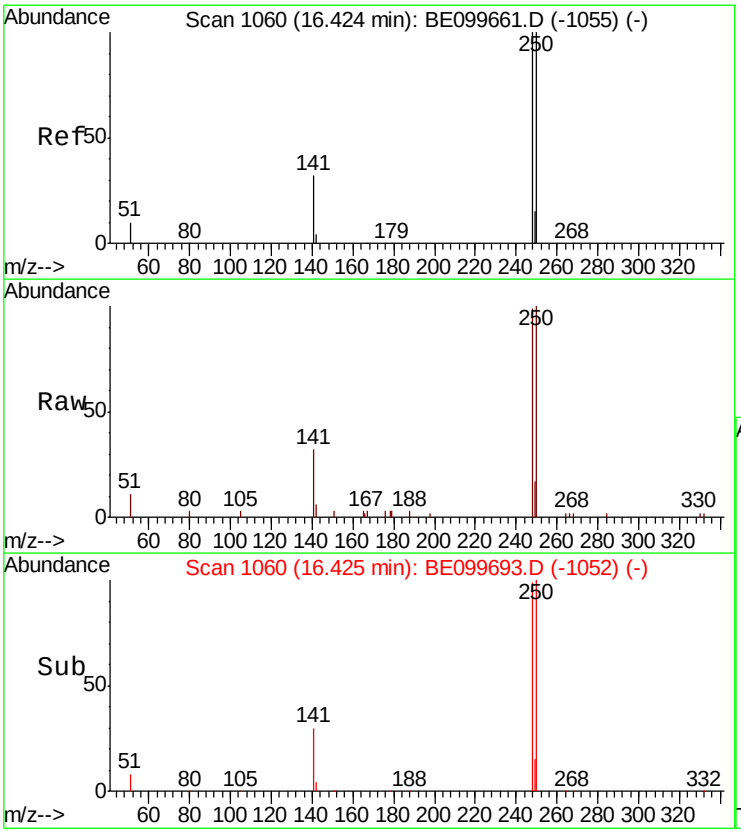
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.23 min Scan# 1120
Delta R.T. 0.00 min
Lab File: BE099693.D
Acq: 21 May 2019 17:31

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:188 Resp: 14831

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	7.2	6.7	10.1

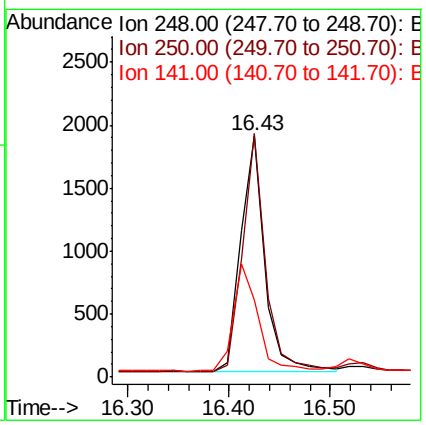


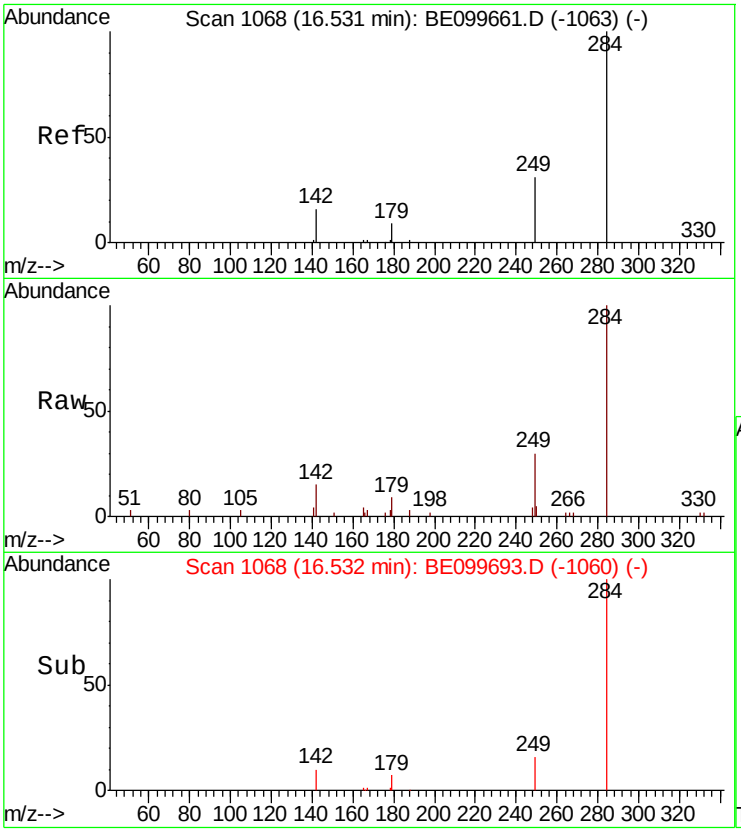


#20
4-Bromophenyl-phenylether
Concen: 0.362 ng
RT: 16.43 min Scan# 1060
Delta R.T. 0.00 min
Lab File: BE099693.D
Acq: 21 May 2019 17:31

Tgt Ion:248 Resp: 3095

Ion	Ratio	Lower	Upper
248	100		
250	100.8	79.8	119.8
141	32.1	27.0	40.6



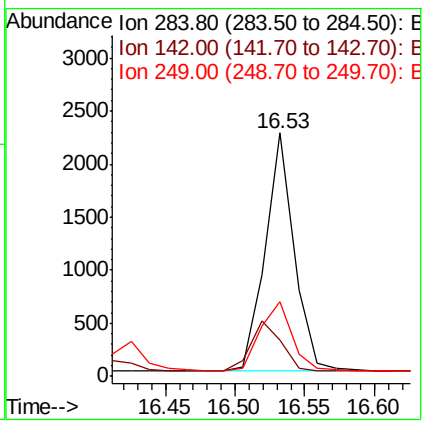


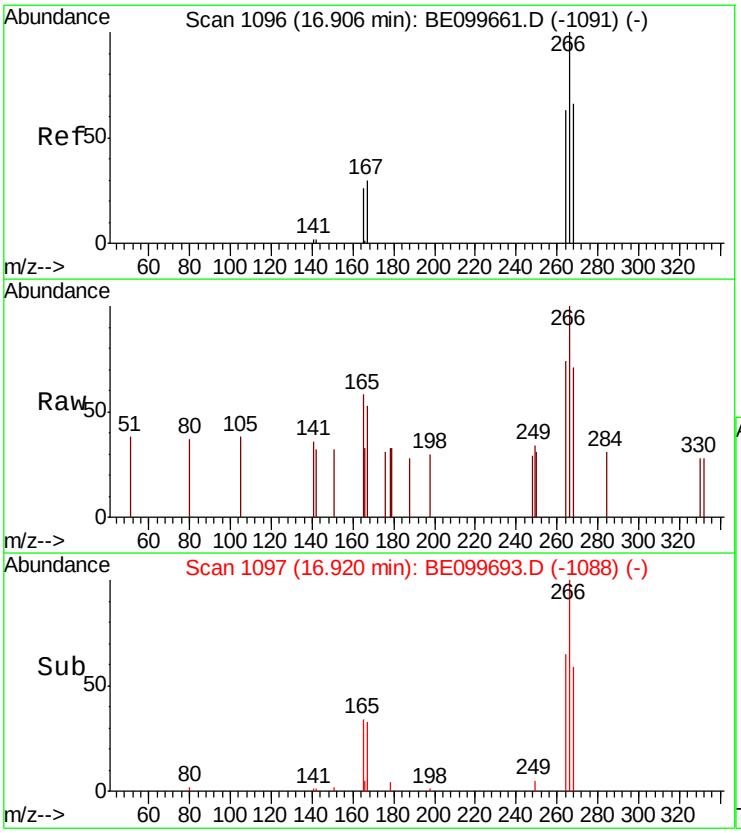
#21
Hexachlorobenzene
Concen: 0.375 ng
RT: 16.53 min Scan# 1068
Delta R.T. 0.00 min
Lab File: BE099693.D
Acq: 21 May 2019 17:31

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:284 Resp: 3279

Ion	Ratio	Lower	Upper
284	100		
142	21.8	17.8	26.6
249	31.1	24.8	37.2

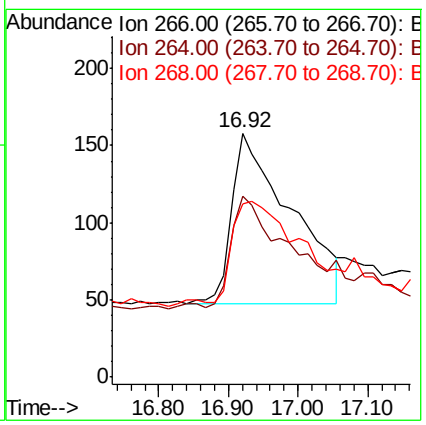


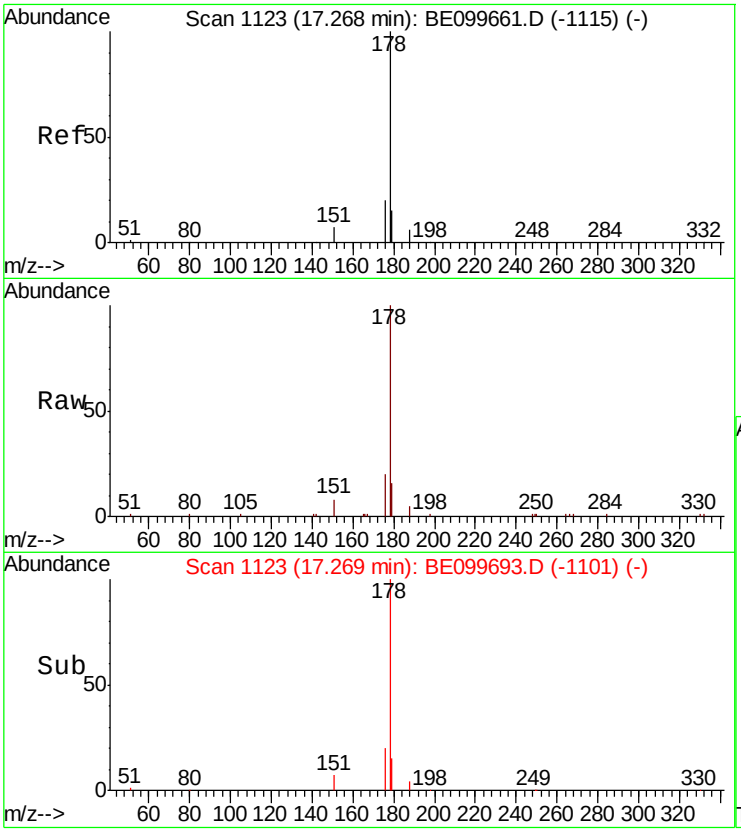


#22
Pentachlorophenol
Concen: 0.425 ng
RT: 16.92 min Scan# 1097
Delta R.T. 0.01 min
Lab File: BE099693.D
Acq: 21 May 2019 17:31

Tgt Ion:266 Resp: 659

Ion	Ratio	Lower	Upper
266	100		
264	74.1	57.2	85.8
268	70.9	60.5	90.7



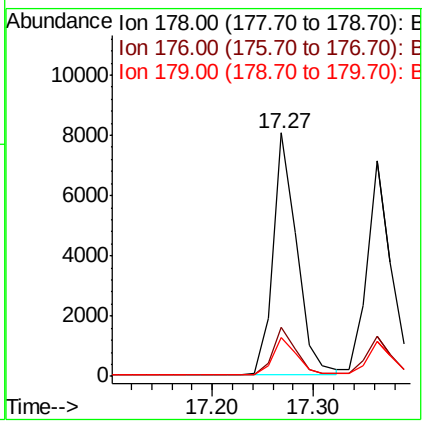


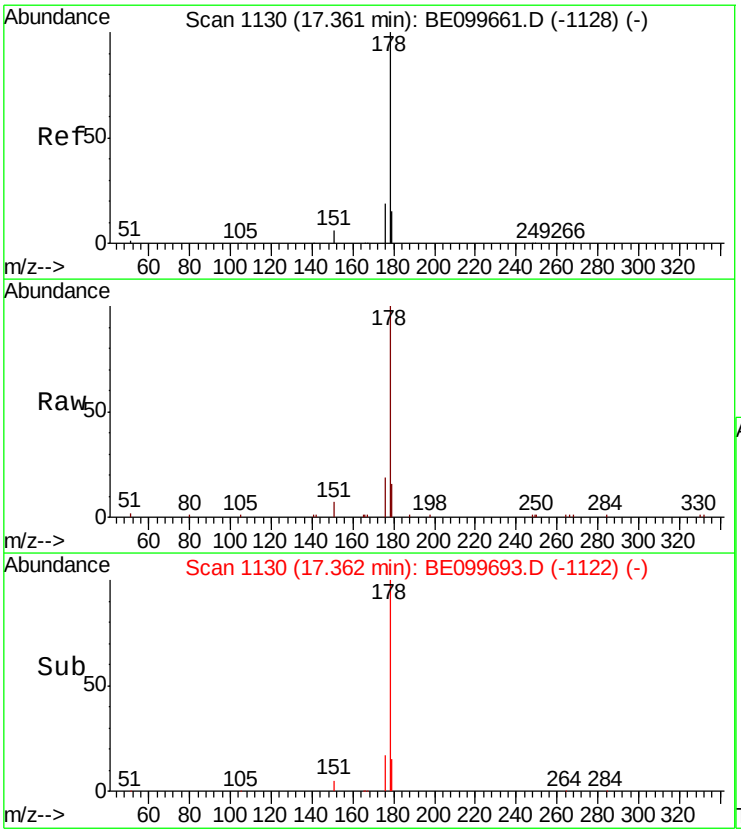
#23
Phenanthrene
Concen: 0.358 ng
RT: 17.27 min Scan# 1123
Delta R.T. 0.00 min
Lab File: BE099693.D
Acq: 21 May 2019 17:31

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 12982

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.6	23.4
179	15.4	12.2	18.4

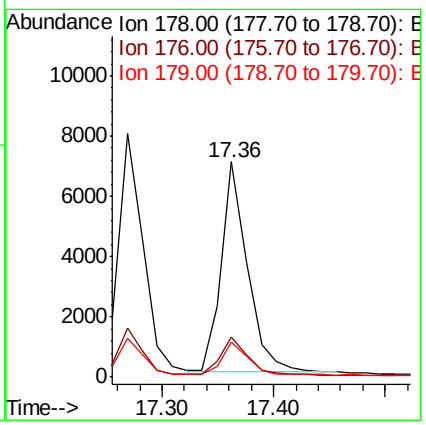


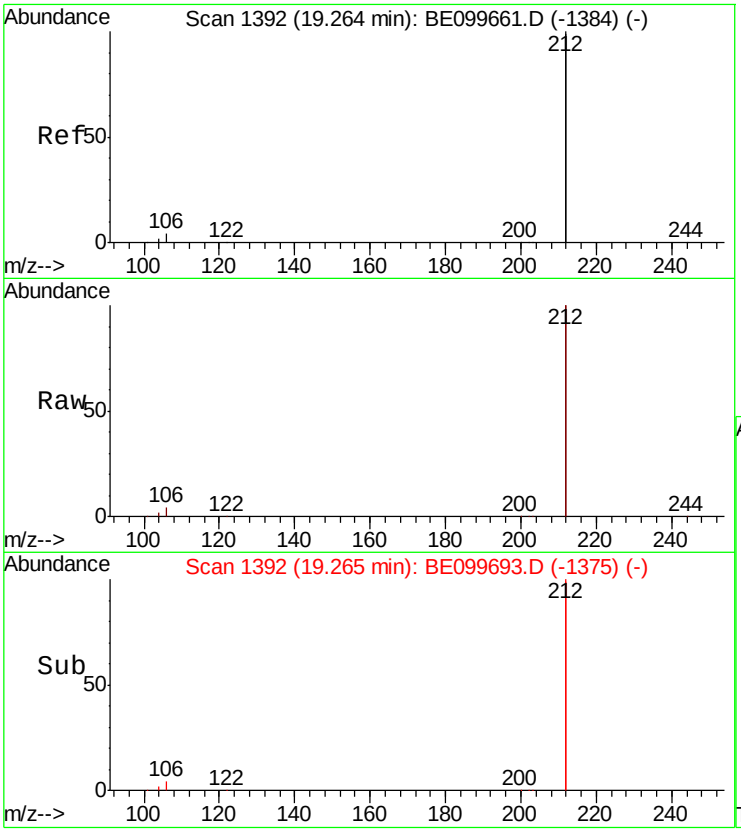


#24
Anthracene
Concen: 0.350 ng
RT: 17.36 min Scan# 1130
Delta R.T. 0.00 min
Lab File: BE099693.D
Acq: 21 May 2019 17:31

Tgt Ion:178 Resp: 11520

Ion	Ratio	Lower	Upper
178	100		
176	18.4	14.7	22.1
179	15.3	12.0	18.0



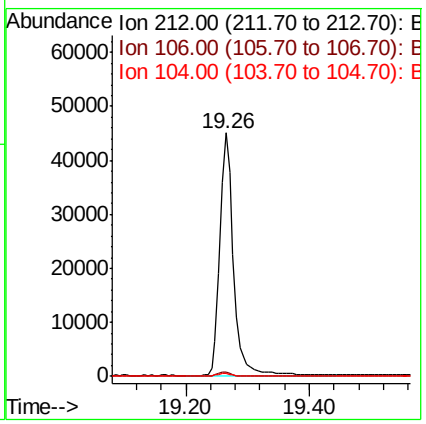


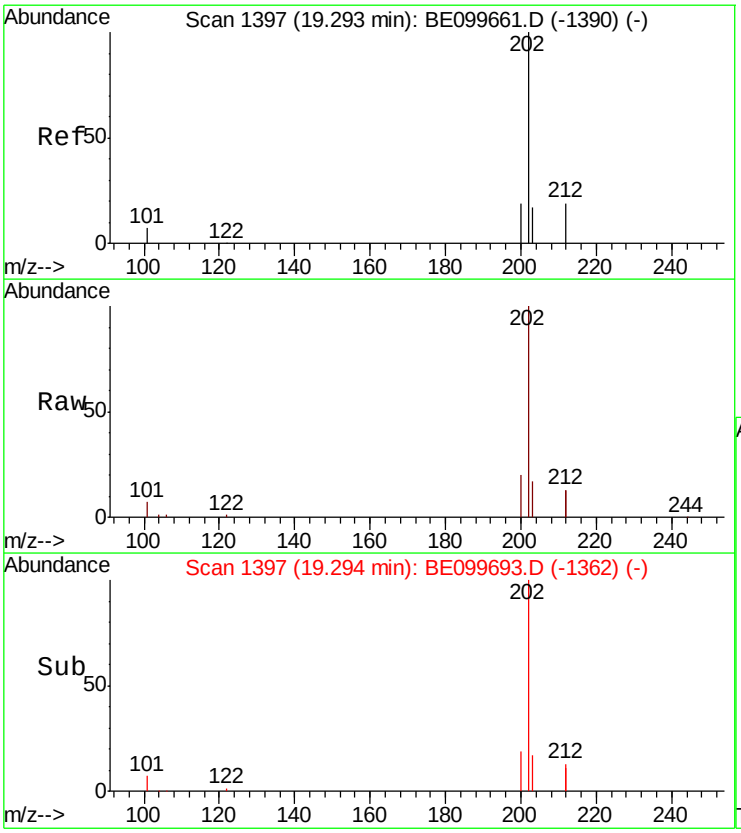
#25
Fluoranthene-d10
Concen: 0.336 ng
RT: 19.26 min Scan# 1392
Delta R.T. 0.00 min
Lab File: BE099693.D
Acq: 21 May 2019 17:31

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:212 Resp: 68001

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

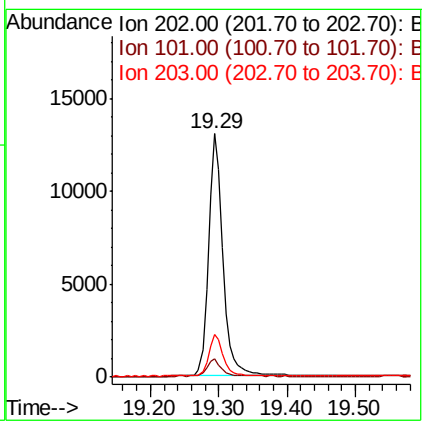


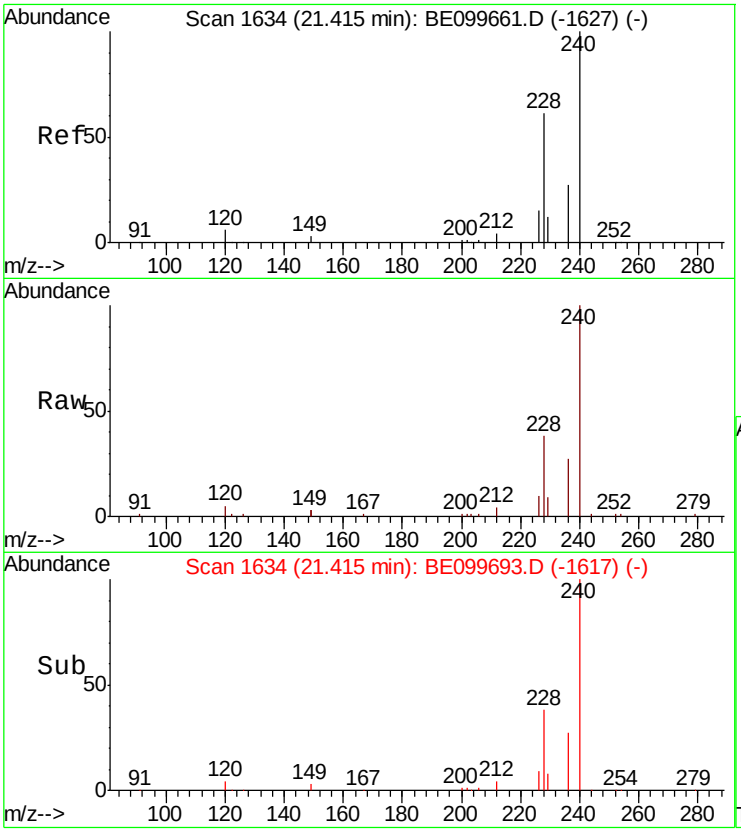


#26
Fluoranthene
Concen: 0.338 ng
RT: 19.29 min Scan# 1397
Delta R.T. 0.00 min
Lab File: BE099693.D
Acq: 21 May 2019 17:31

Tgt Ion:202 Resp: 19340

Ion	Ratio	Lower	Upper
202	100		
101	6.8	5.2	7.8
203	17.0	13.8	20.6



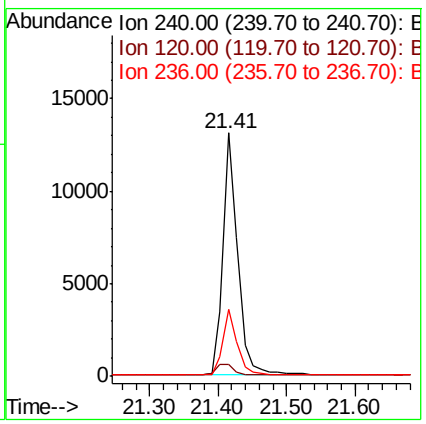


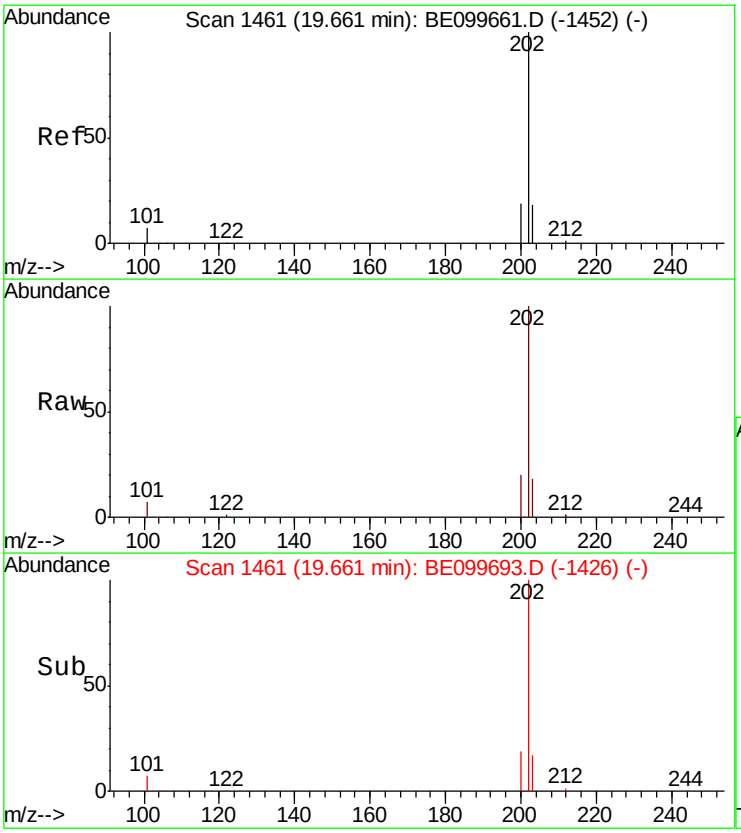
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.41 min Scan# 1634
Delta R.T. 0.00 min
Lab File: BE099693.D
Acq: 21 May 2019 17:31

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:240 Resp: 19786

Ion	Ratio	Lower	Upper
240	100		
120	5.0	5.4	8.0#
236	27.4	21.7	32.5

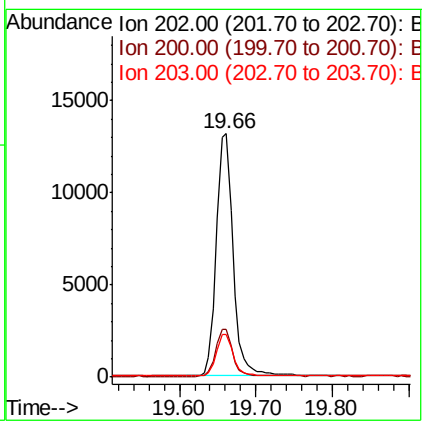


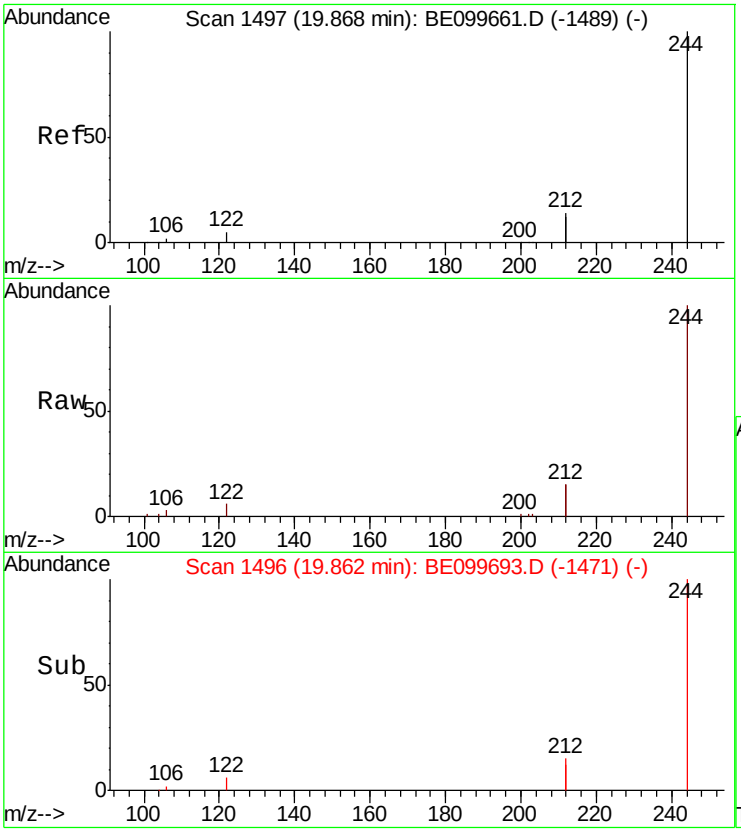


#28
Pyrene
Concen: 0.405 ng
RT: 19.66 min Scan# 1461
Delta R.T. 0.00 min
Lab File: BE099693.D
Acq: 21 May 2019 17:31

Tgt Ion:202 Resp: 20127

Ion	Ratio	Lower	Upper
202	100		
200	19.3	15.4	23.2
203	17.2	13.8	20.8



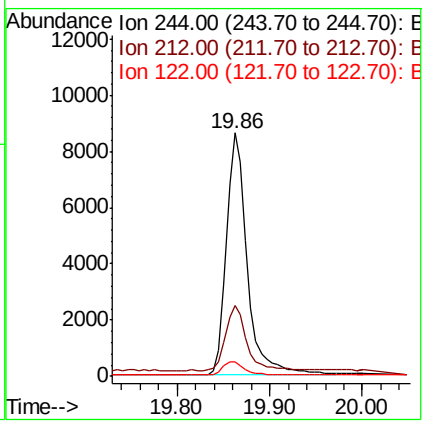


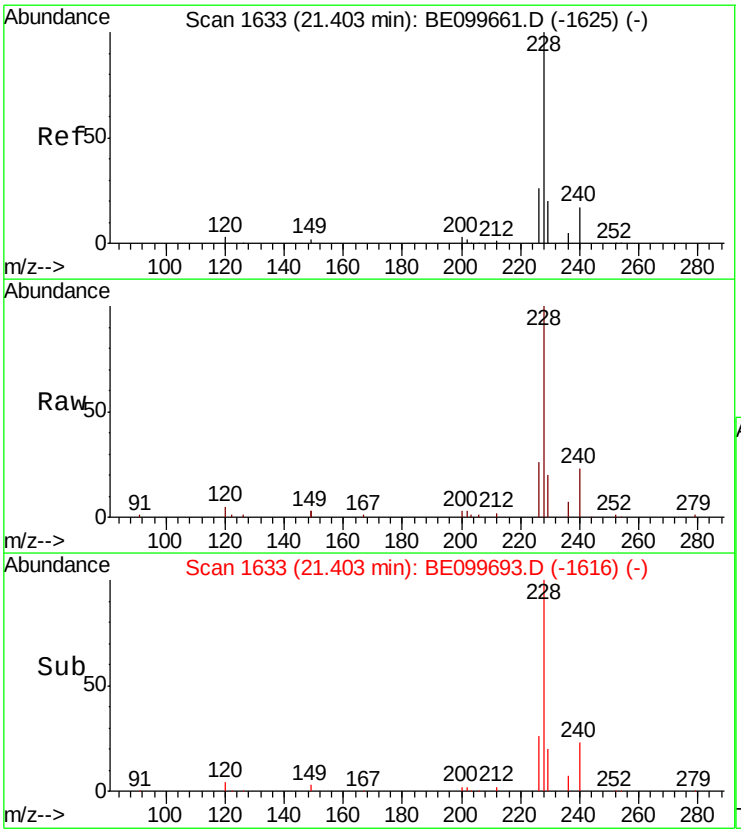
#29
Terphenyl-d14
Concen: 0.383 ng
RT: 19.86 min Scan# 1496
Delta R.T. -0.01 min
Lab File: BE099693.D
Acq: 21 May 2019 17:31

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:244 Resp: 13526

Ion	Ratio	Lower	Upper
244	100		
212	29.1	22.5	33.7
122	6.2	4.3	6.5

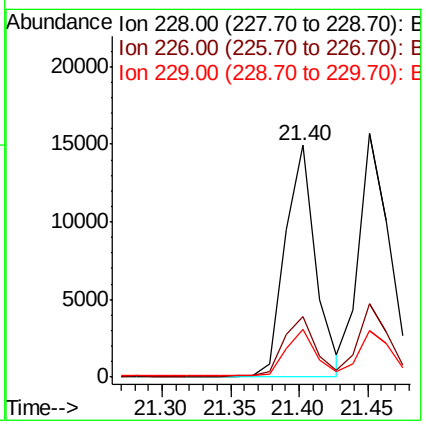


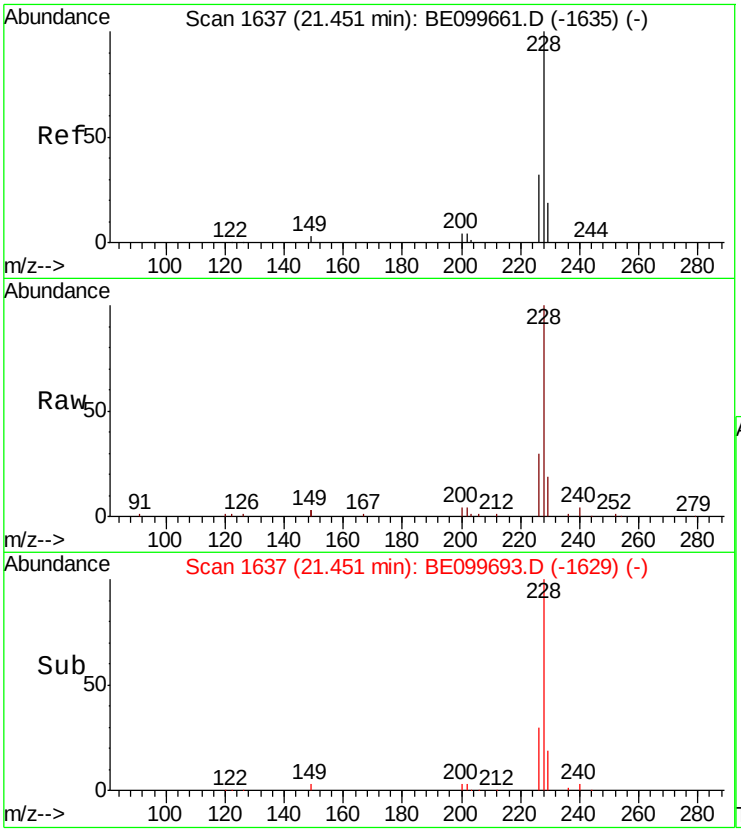


#30
Benzo(a)anthracene
Concen: 0.406 ng
RT: 21.40 min Scan# 1633
Delta R.T. 0.00 min
Lab File: BE099693.D
Acq: 21 May 2019 17:31

Tgt Ion:228 Resp: 22839

Ion	Ratio	Lower	Upper
228	100		
226	26.3	21.3	31.9
229	20.4	16.1	24.1



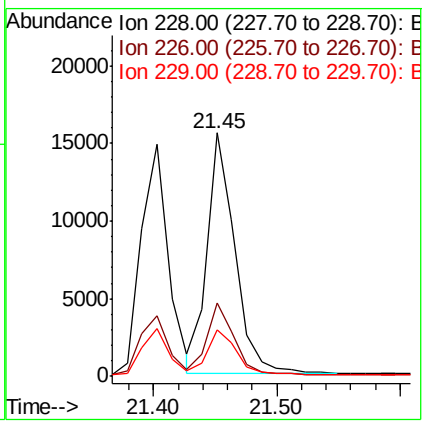


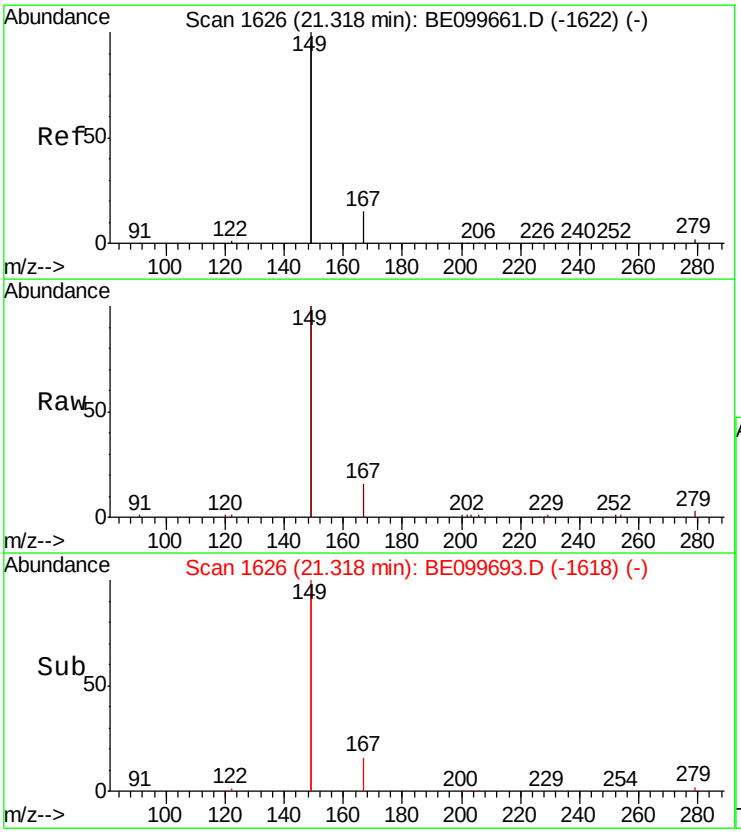
#31
Chrysene
Concen: 0.400 ng
RT: 21.45 min Scan# 1637
Delta R.T. 0.00 min
Lab File: BE099693.D
Acq: 21 May 2019 17:31

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 24020

Ion	Ratio	Lower	Upper
228	100		
226	30.1	24.7	37.1
229	19.4	15.8	23.6

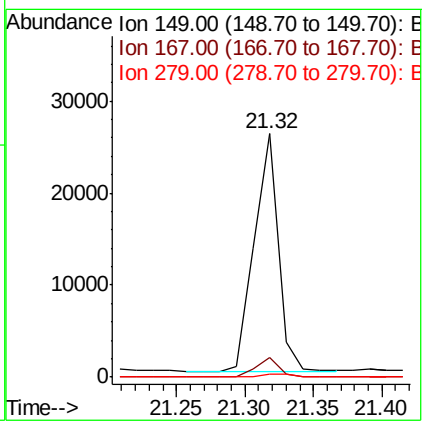


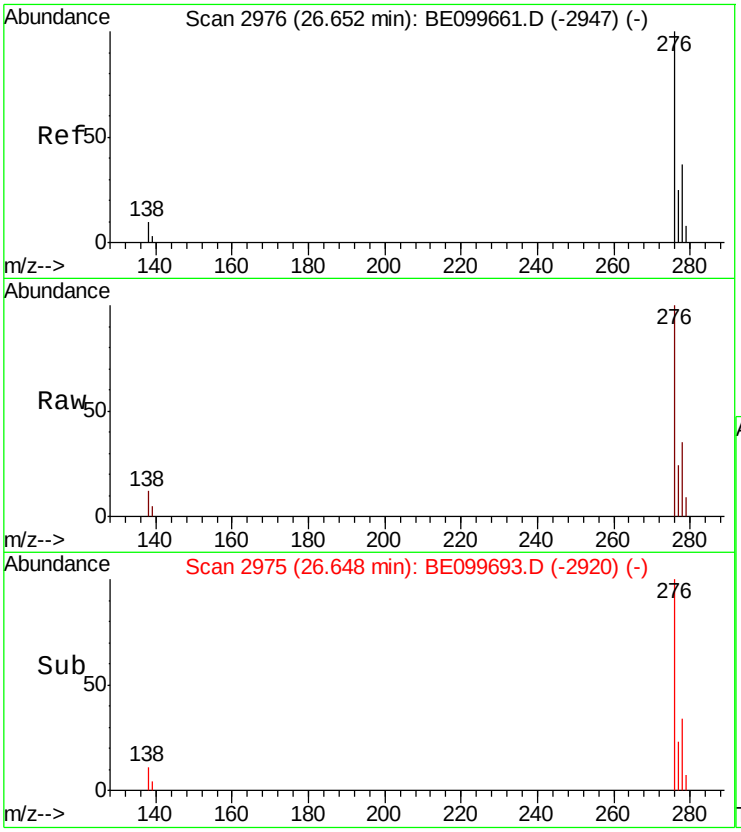


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.486 ng
RT: 21.32 min Scan# 1626
Delta R.T. 0.00 min
Lab File: BE099693.D
Acq: 21 May 2019 17:31

Tgt Ion:149 Resp: 31471

Ion	Ratio	Lower	Upper
149	100		
167	7.5	6.2	9.4
279	1.5	1.2	1.8



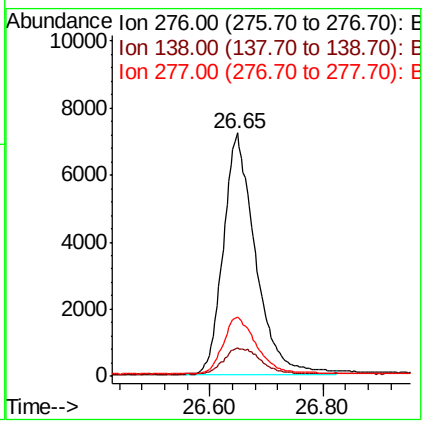


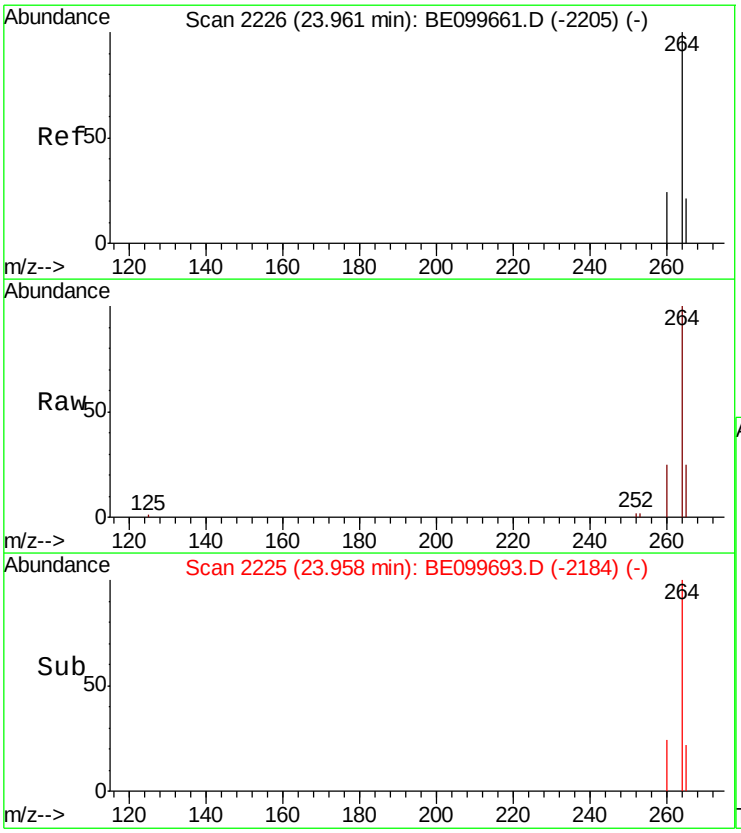
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.389 ng
RT: 26.65 min Scan# 2975
Delta R.T. -0.00 min
Lab File: BE099693.D
Acq: 21 May 2019 17:31

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 28257

Ion	Ratio	Lower	Upper
276	100		
138	5.9	9.6	14.4#
277	24.5	19.2	28.8

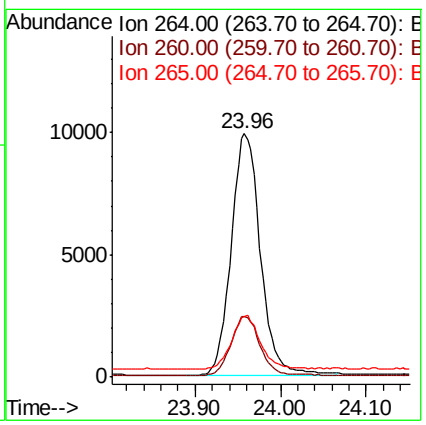


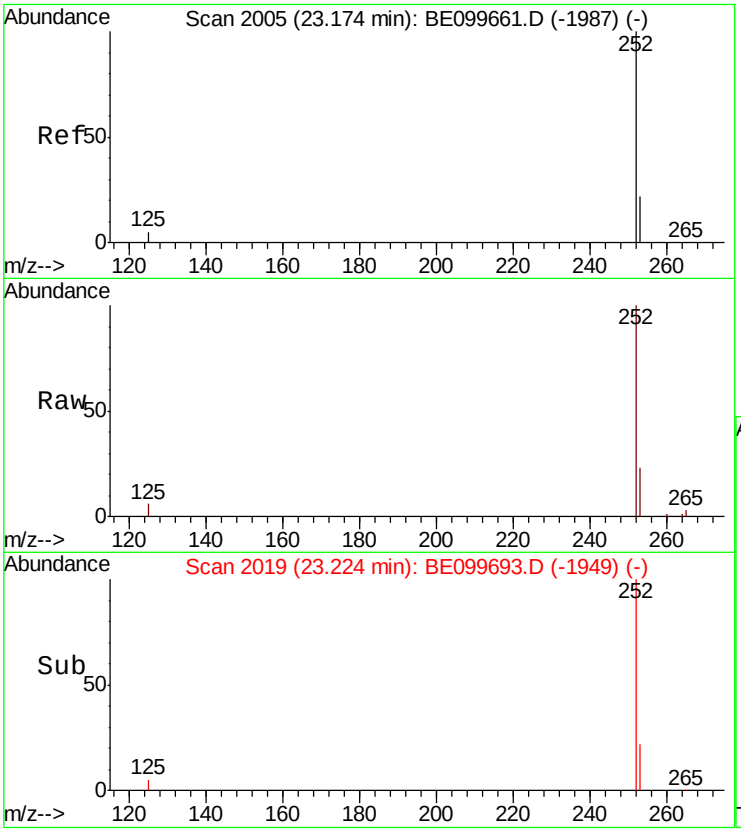


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.96 min Scan# 2225
Delta R.T. -0.00 min
Lab File: BE099693.D
Acq: 21 May 2019 17:31

Tgt Ion:264 Resp: 23611

Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.6	29.4
265	25.0	19.1	28.7



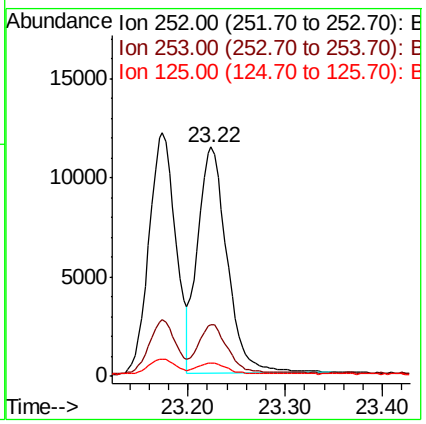


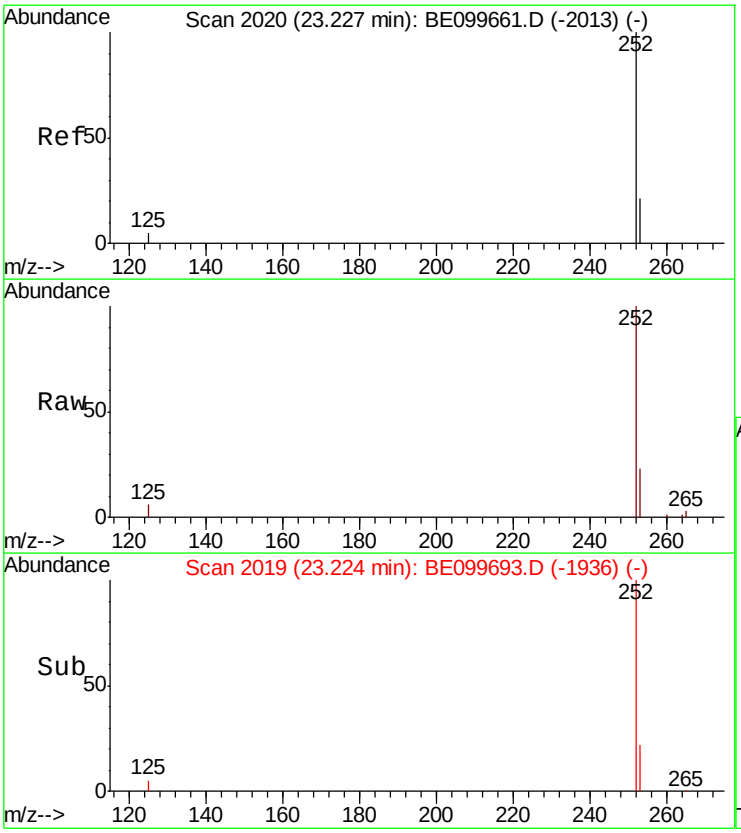
#35
Benzo(b)fluoranthene
Concen: 0.369 ng
RT: 23.22 min Scan# 2019
Delta R.T. 0.05 min
Lab File: BE099693.D
Acq: 21 May 2019 17:31

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 23862

Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.2	27.4
125	5.8	4.5	6.7

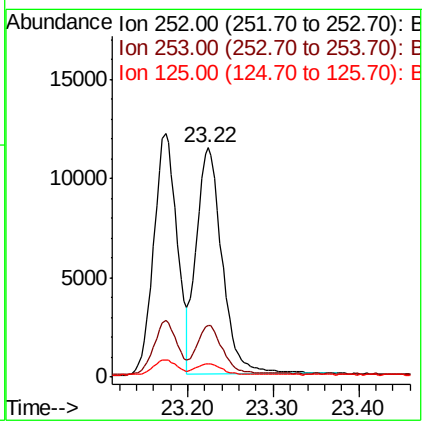


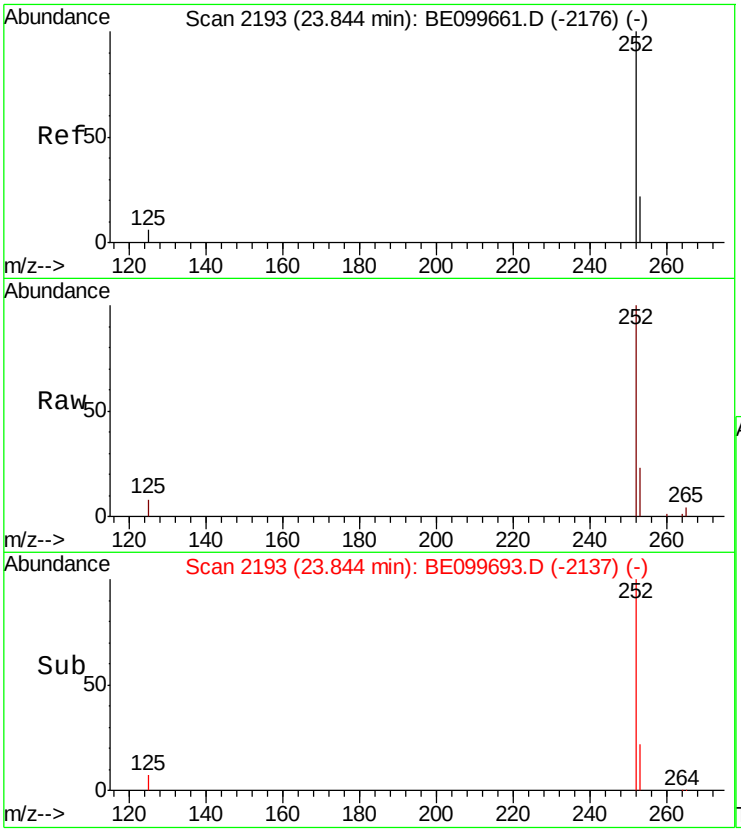


#36
Benzo(k)fluoranthene
Concen: 0.357 ng
RT: 23.22 min Scan# 2019
Delta R.T. -0.00 min
Lab File: BE099693.D
Acq: 21 May 2019 17:31

Tgt Ion:252 Resp: 24060

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.8	26.8
125	5.8	4.6	6.8



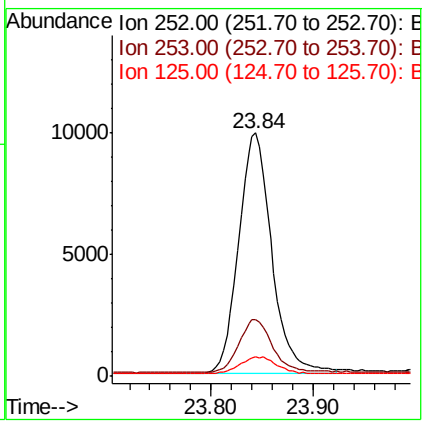


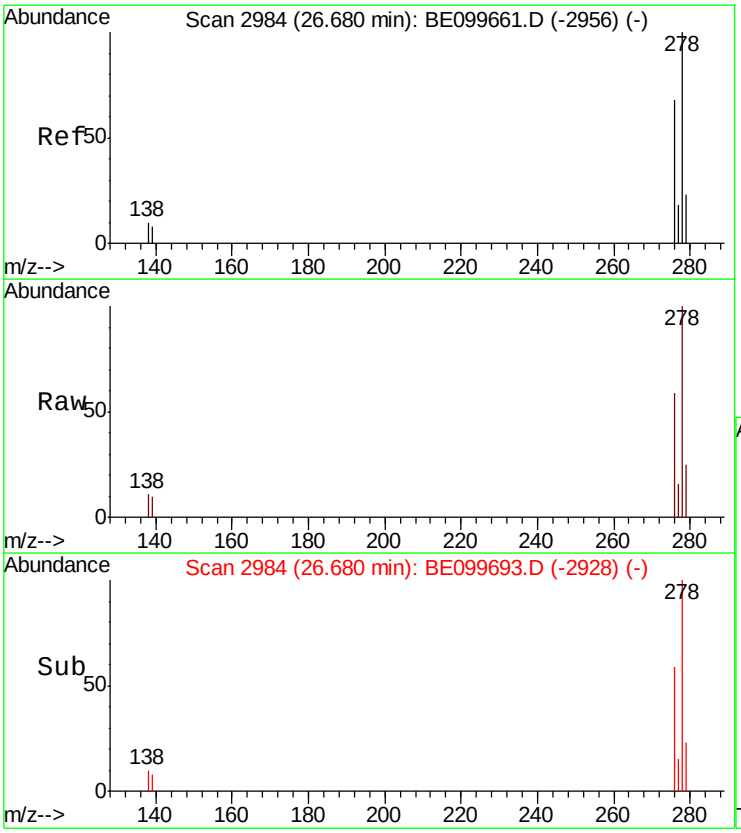
#37
Benzo(a)pyrene
Concen: 0.360 ng
RT: 23.84 min Scan# 2193
Delta R.T. 0.00 min
Lab File: BE099693.D
Acq: 21 May 2019 17:31

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 22408

Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.9	28.3
125	8.1	5.4	8.0#

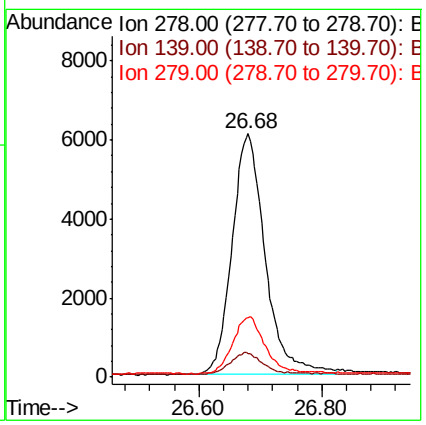


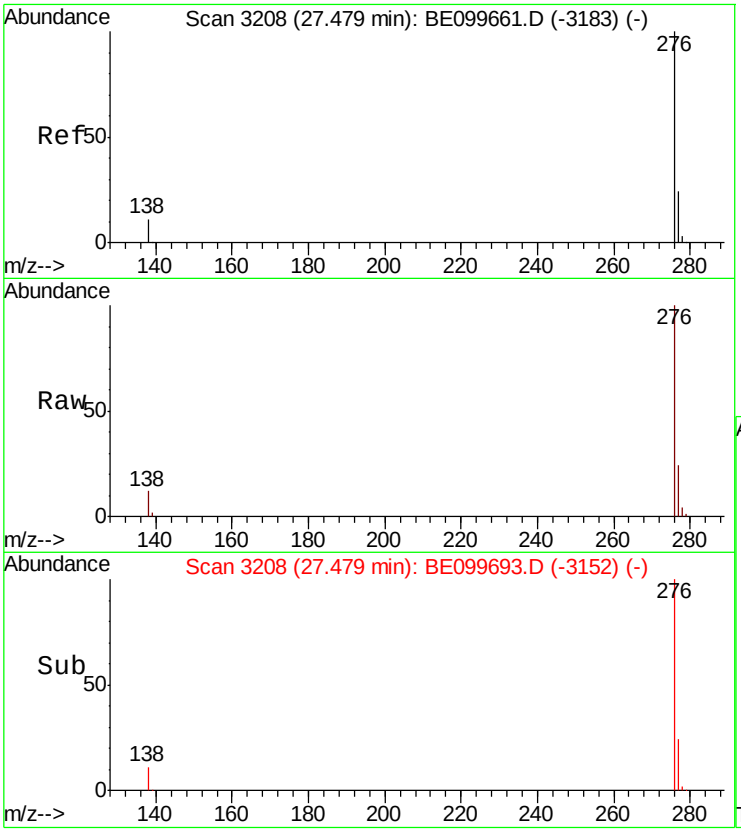


#38
Dibenzo(a,h)anthracene
Concen: 0.350 ng
RT: 26.68 min Scan# 2984
Delta R.T. 0.00 min
Lab File: BE099693.D
Acq: 21 May 2019 17:31

Tgt Ion:278 Resp: 22874

Ion	Ratio	Lower	Upper
278	100		
139	9.7	6.9	10.3
279	24.5	19.2	28.8





#39
Benzo(g,h,i)perylene
Concen: 0.355 ng
RT: 27.48 min Scan# 3208
Delta R.T. 0.00 min
Lab File: BE099693.D
Acq: 21 May 2019 17:31

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 23437

Ion	Ratio	Lower	Upper
276	100		
277	24.5	19.8	29.6
138	11.8	9.2	13.8