Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE050719\
Data File : BE099559.D
Acq On : 7 May 2019 10:14
Operator : JU/SJ
Sample : SSTDICC0.2
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDICC0.2

Quant Time: May 07 13:44:33 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE050719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 07 13:34:41 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	1638	0.40	ng		0.00
7) Naphthalene-d8	10.63	136	5955	0.40	ng		0.00
13) Acenaphthene-d10	14.50	164	4219	0.40	ng		0.00
19) Phenanthrene-d10	17.24	188	12319	0.40	ng		0.00
27) Chrysene-d12	21.43	240	18623	0.40	ng		0.00
34) Perylene-d12	23.98	264	19926	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.39	112	897	0.20	ng		0.00
5) Phenol-d6	6.98	99	1131	0.19	ng		0.00
8) Nitrobenzene-d5	8.98	82	1080	0.19	ng		0.00
11) 2-Methylnaphthalene-d10	12.22	152	2100	0.20	ng		0.00
14) 2,4,6-Tribromophenol	15.98	330	544	0.20	ng		0.00
15) 2-Fluorobiphenyl	13.12	172	3217	0.20	ng		0.00
25) Fluoranthene-d10	19.28	212	33026	0.20	ng		0.00
29) Terphenyl-d14	19.87	244	6629	0.19	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.32	88	531	0.236	ng		92
3) n-Nitrosodimethylamine	3.64	42	276	0.203	ng	#	89
6) bis(2-Chloroethyl)ether	7.24	93	984	0.189	ng		97
9) Naphthalene	10.68	128	12534	0.193	ng		99
10) Hexachlorobutadiene	10.95	225	898	0.199	ng		96
12) 2-Methylnaphthalene	12.31	142	2076	0.184	ng		96
16) Acenaphthylene	14.21	152	3958	0.192	ng		99
17) Acenaphthene	14.56	154	2290	0.194	ng		96
18) Fluorene	15.53	166	3221	0.185	ng		98
20) 4-Bromophenyl-phenylether	16.44	248	1323	0.184	ng	#	72
21) Hexachlorobenzene	16.55	284	1351	0.198	ng		98
22) Pentachlorophenol	16.91	266	479	0.155	ng		97
23) Phenanthrene	17.28	178	5883	0.185	ng		99
24) Anthracene	17.38	178	5577	0.184	ng		98
26) Fluoranthene	19.31	202	9262	0.195	ng		98
28) Pyrene	19.67	202	9616	0.198	ng		100
30) Benzo(a)anthracene	21.41	228	11124	0.187	ng		98
31) Chrysene	21.46	228	11251	0.194	ng		98
32) Bis(2-ethylhexyl)phthalate	21.33	149	18926	0.183	ng	#	99
33) Indeno(1,2,3-cd)pyrene	26.68	276	13072	0.190	ng		100
35) Benzo(b)fluoranthene	23.19	252	10819	0.188	ng	#	93
36) Benzo(k)fluoranthene	23.24	252	10576	0.191	ng	#	97
37) Benzo(a)pyrene	23.86	252	10543	0.194	ng	#	91
38) Dibenzo(a,h)anthracene	26.71	278	10757	0.194	ng	#	96
39) Benzo(g,h,i)perylene	27.51	276	10690	0.192	ng	#	92

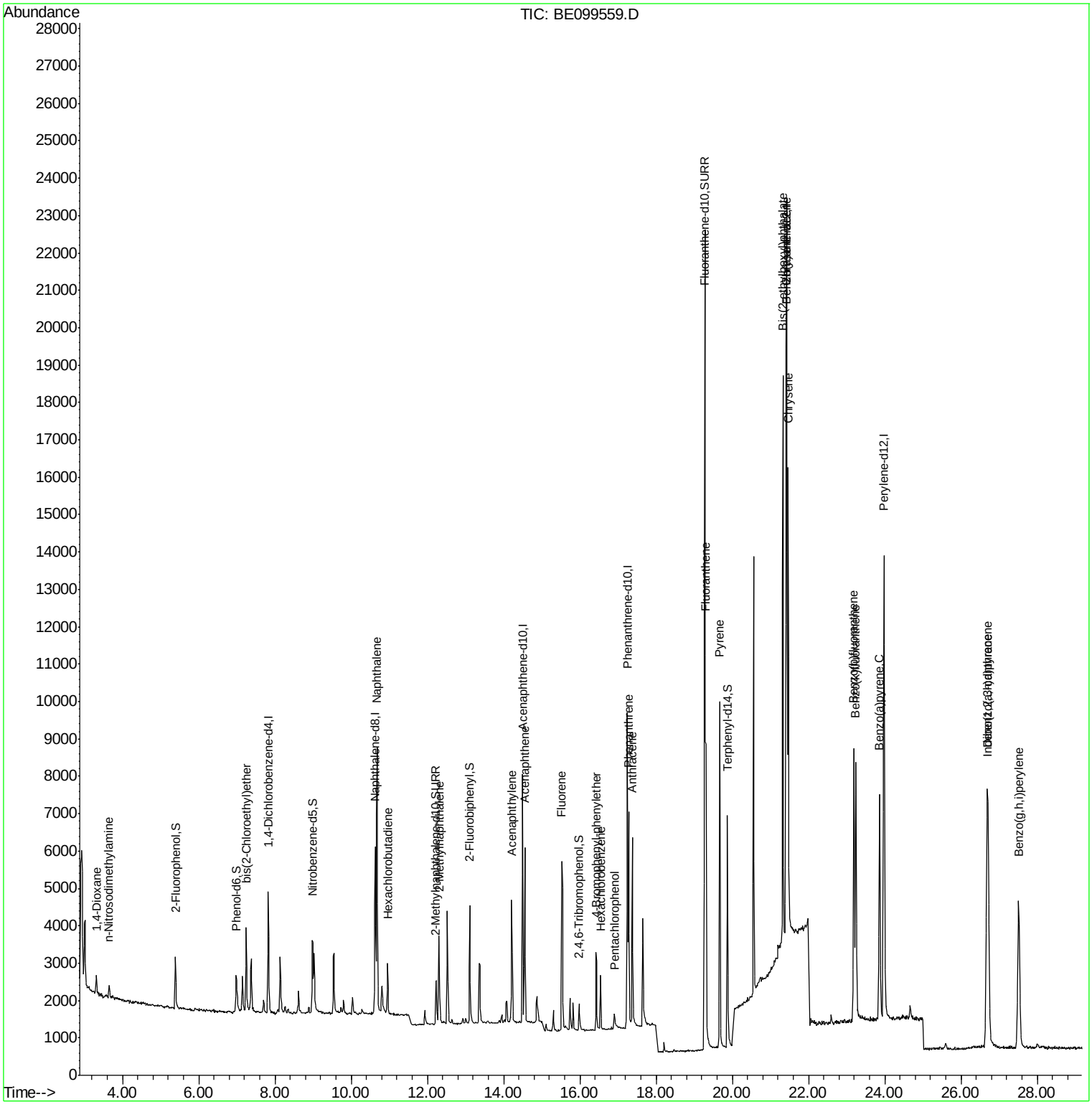
(#) = qualifier out of range (m) = manual integration (+) = signals summed

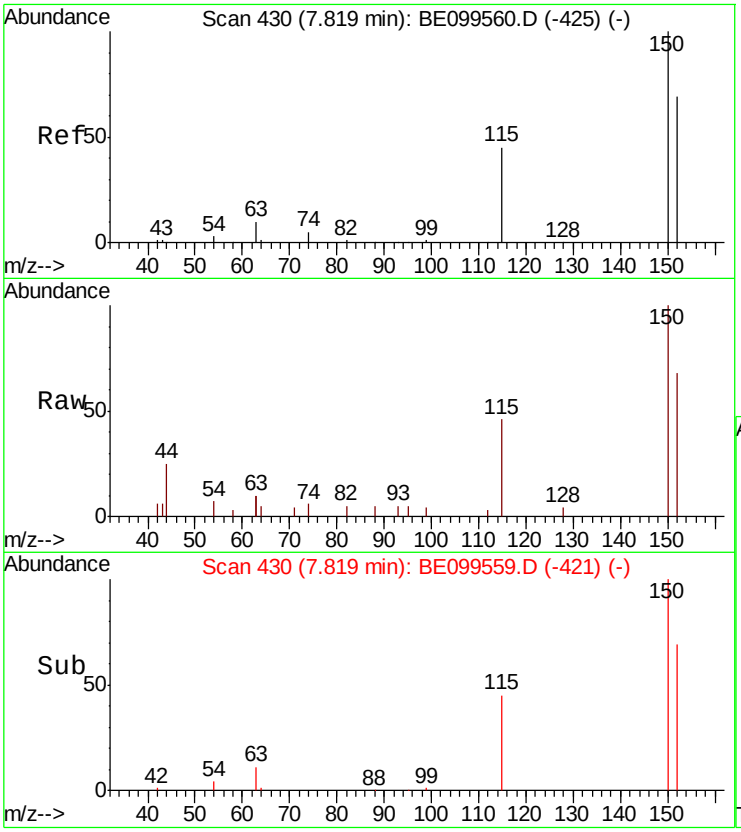
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE050719\
Data File : BE099559.D
Acq On : 7 May 2019 10:14
Operator : JU/SJ
Sample : SSTDICC0.2
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Quant Time: May 07 13:44:33 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE050719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 07 13:34:41 2019
Response via : Initial Calibration



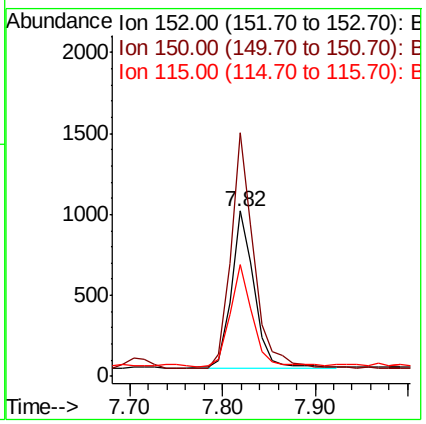


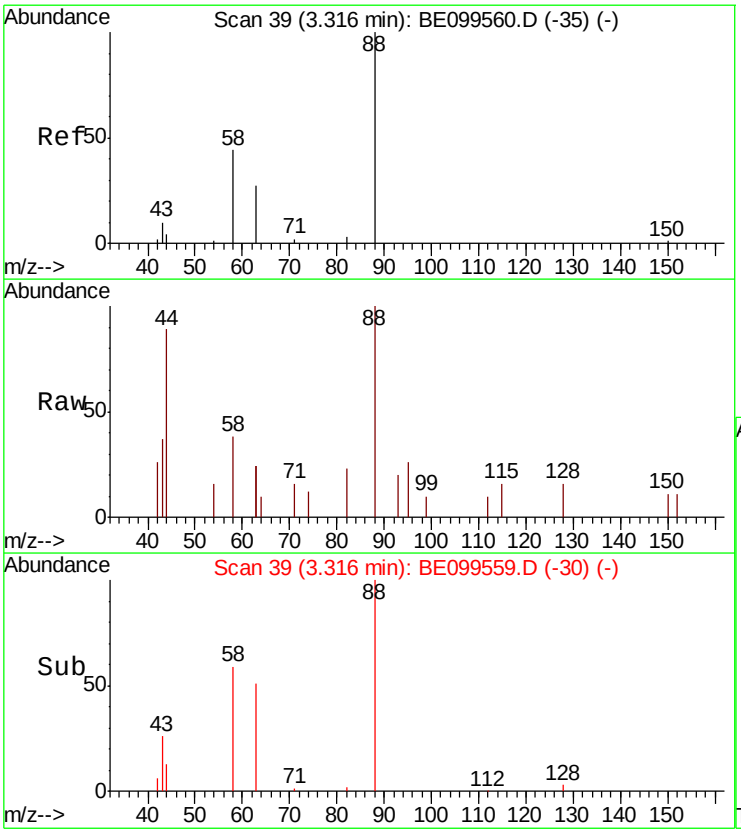
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.82 min Scan# 430
Delta R.T. -0.00 min
Lab File: BE099559.D
Acq: 7 May 2019 10:14

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:152 Resp: 1638

Ion	Ratio	Lower	Upper
152	100		
150	147.2	113.8	170.6
115	67.2	54.2	81.2

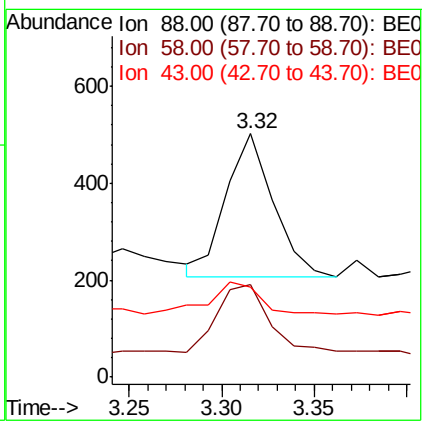


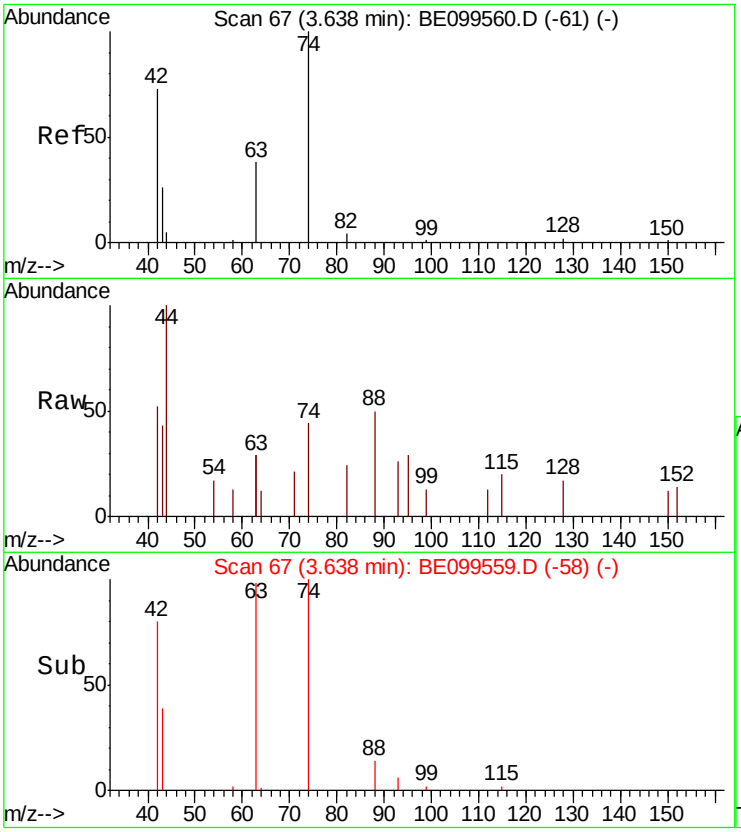


#2
1,4-Dioxane
Concen: 0.236 ng
RT: 3.32 min Scan# 39
Delta R.T. -0.00 min
Lab File: BE099559.D
Acq: 7 May 2019 10:14

Tgt Ion: 88 Resp: 531

Ion	Ratio	Lower	Upper
88	100		
58	50.8	46.6	69.8
43	24.3	20.3	30.5



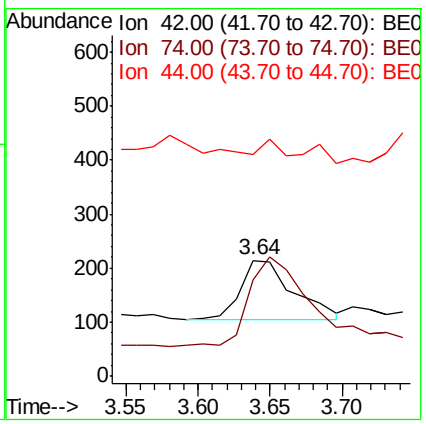


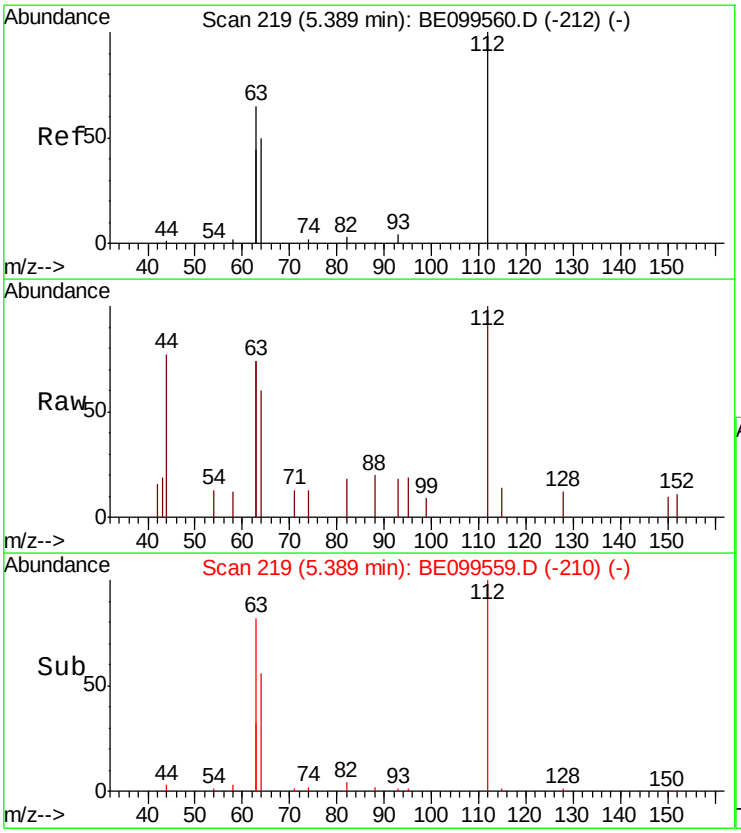
#3
n-Nitrosodimethylamine
Concen: 0.203 ng
RT: 3.64 min Scan# 67
Delta R.T. -0.00 min
Lab File: BE099559.D
Acq: 7 May 2019 10:14

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion: 42 Resp: 276

Ion	Ratio	Lower	Upper
42	100		
74	165.2	121.3	181.9
44	6.9	0.0	0.0#

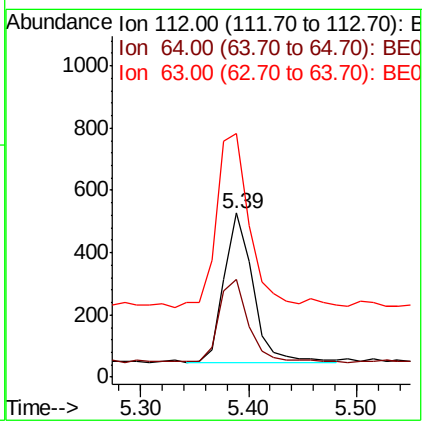


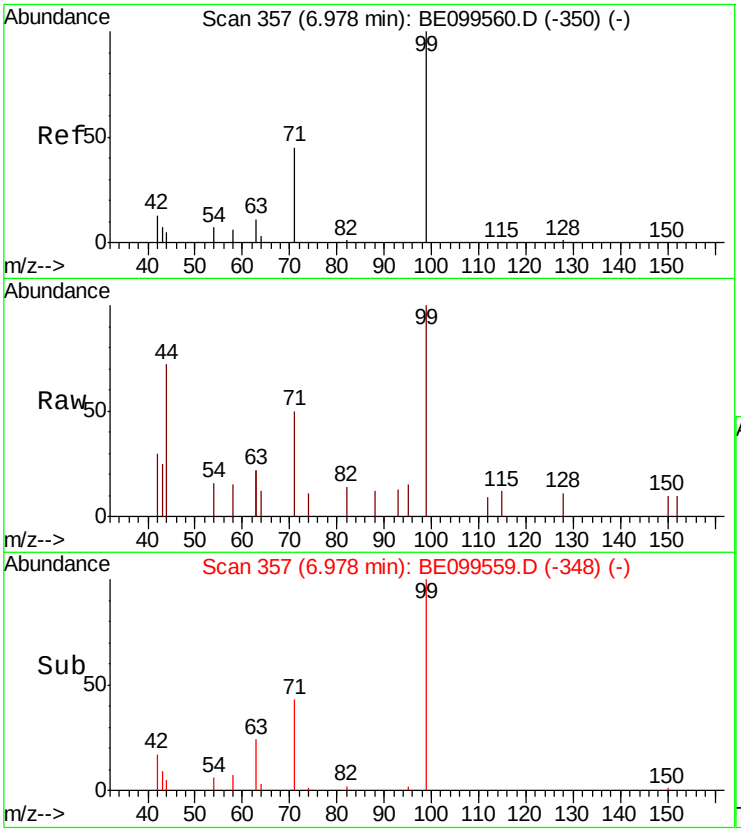


#4
2-Fluorophenol
Concen: 0.198 ng
RT: 5.39 min Scan# 219
Delta R.T. -0.00 min
Lab File: BE099559.D
Acq: 7 May 2019 10:14

Tgt Ion:112 Resp: 897

Ion	Ratio	Lower	Upper
112	100		
64	56.5	46.3	69.5
63	132.8	99.6	149.4



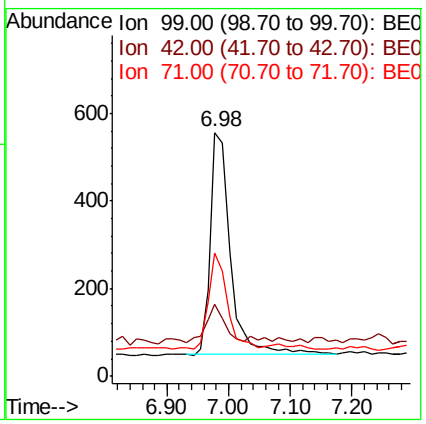


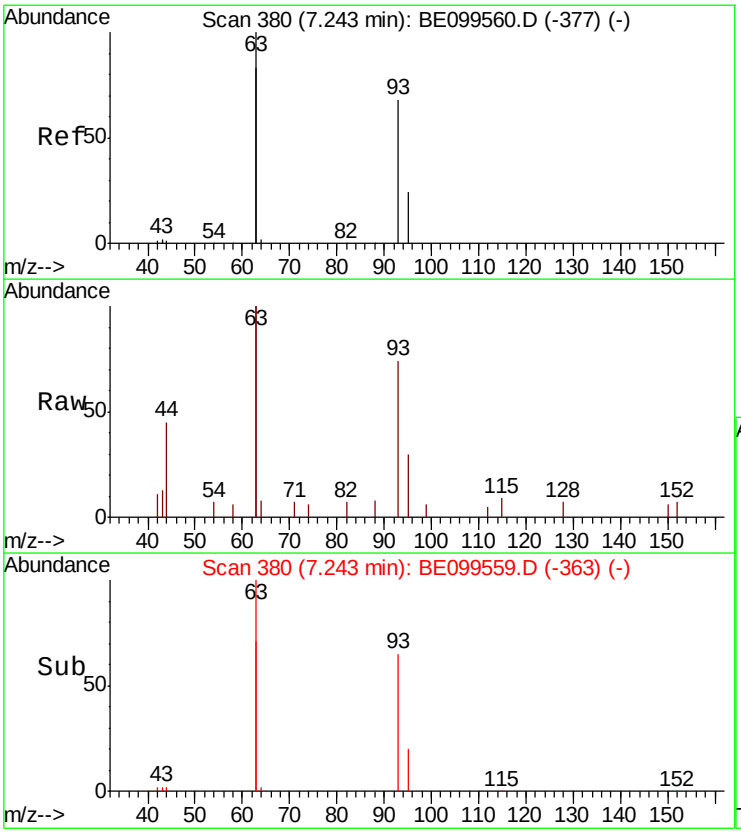
#5
Phenol-d6
Concen: 0.188 ng
RT: 6.98 min Scan# 357
Delta R.T. -0.00 min
Lab File: BE099559.D
Acq: 7 May 2019 10:14

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion: 99 Resp: 1131

Ion	Ratio	Lower	Upper
99	100		
42	15.6	13.4	20.0
71	38.5	34.2	51.2

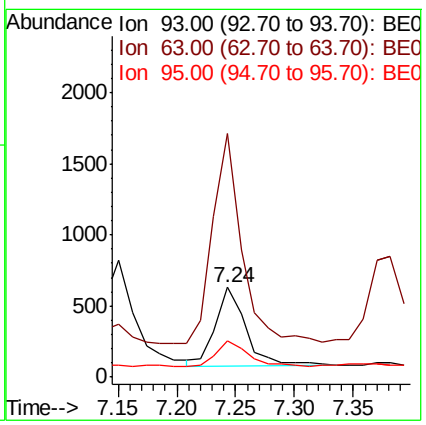


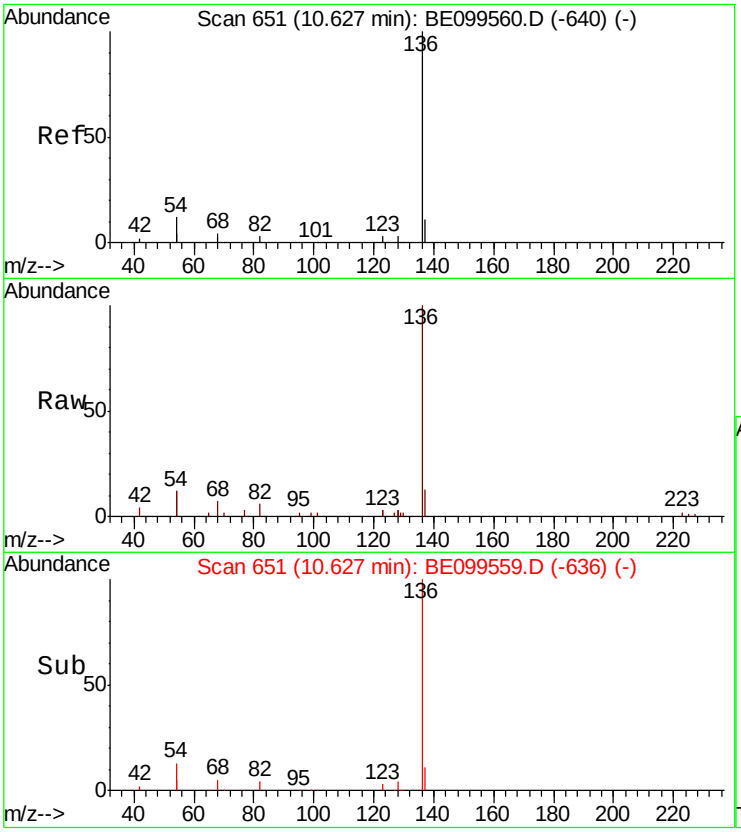


#6
bis(2-Chloroethyl)ether
Concen: 0.189 ng
RT: 7.24 min Scan# 380
Delta R.T. -0.00 min
Lab File: BE099559.D
Acq: 7 May 2019 10:14

Tgt Ion: 93 Resp: 984

Ion	Ratio	Lower	Upper
93	100		
63	255.9	209.0	313.4
95	33.9	26.9	40.3



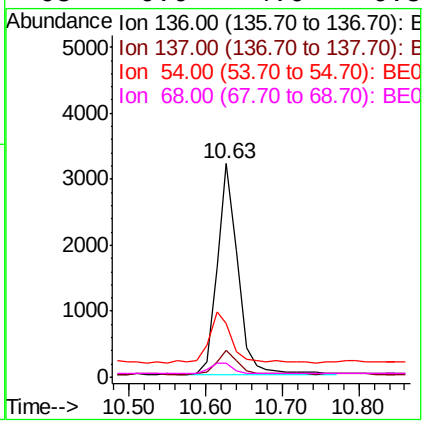


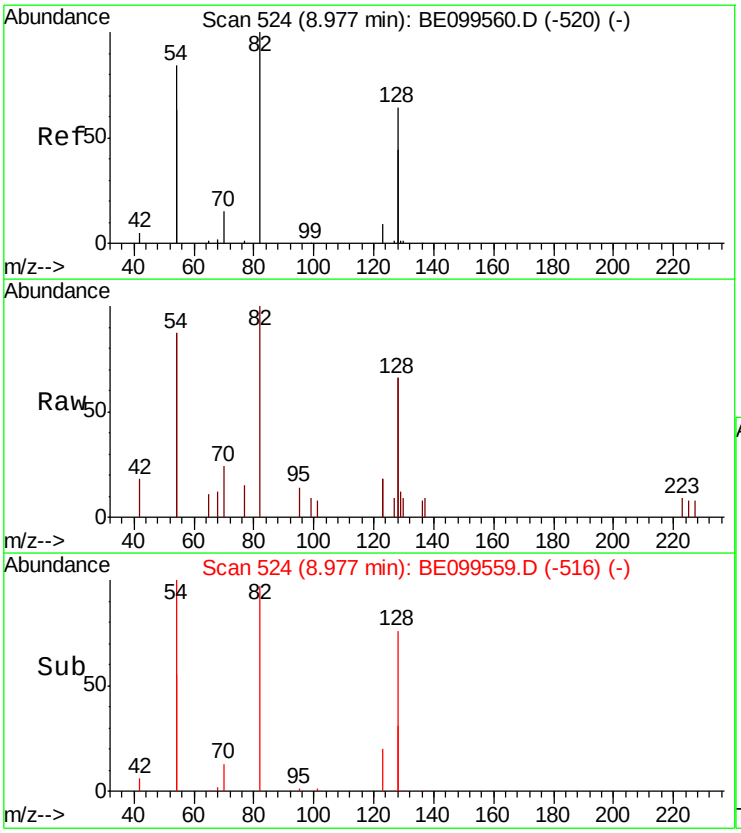
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.63 min Scan# 651
Delta R.T. 0.00 min
Lab File: BE099559.D
Acq: 7 May 2019 10:14

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:136 Resp: 5955

Ion	Ratio	Lower	Upper
136	100		
137	12.6	10.0	15.0
54	25.0	18.6	28.0
68	6.6	4.6	6.8

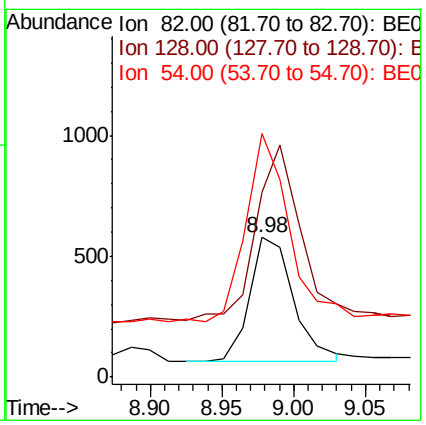


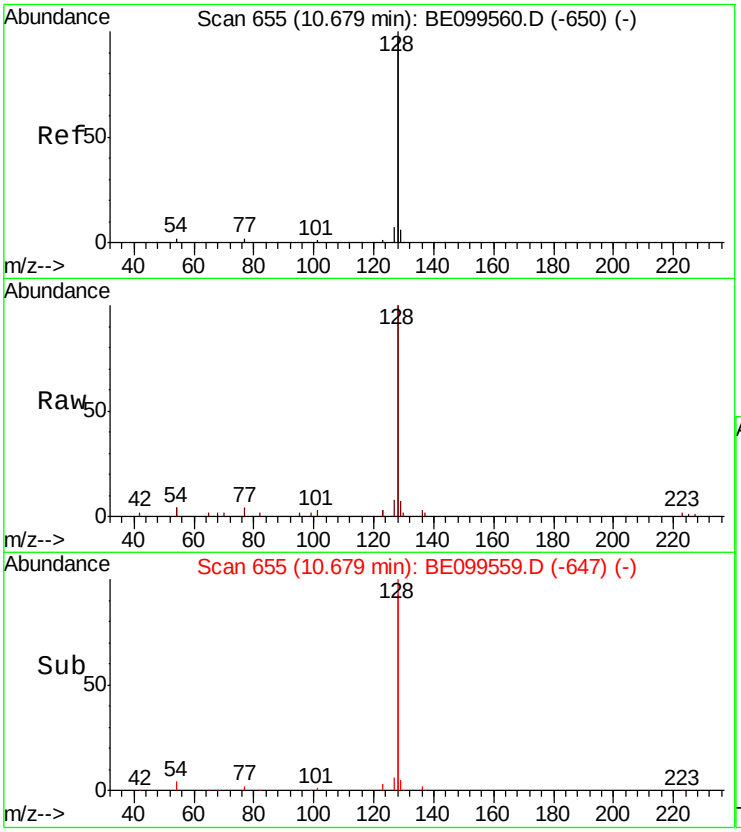


#8
Nitrobenzene-d5
Concen: 0.194 ng
RT: 8.98 min Scan# 524
Delta R.T. 0.00 min
Lab File: BE099559.D
Acq: 7 May 2019 10:14

Tgt Ion: 82 Resp: 1080

Ion	Ratio	Lower	Upper
82	100		
128	132.4	97.6	146.4
54	174.7	127.4	191.2



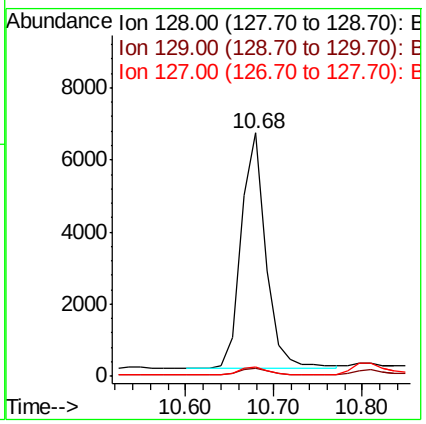


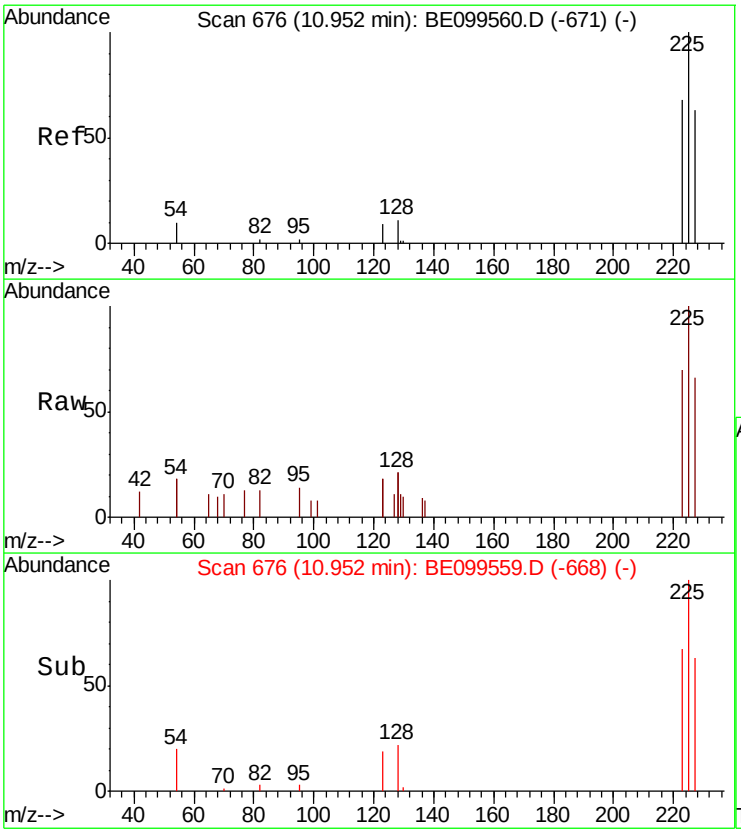
#9
Naphthalene
Concen: 0.193 ng
RT: 10.68 min Scan# 655
Delta R.T. 0.00 min
Lab File: BE099559.D
Acq: 7 May 2019 10:14

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:128 Resp: 12534

Ion	Ratio	Lower	Upper
128	100		
129	3.5	2.6	3.8
127	3.8	3.0	4.4

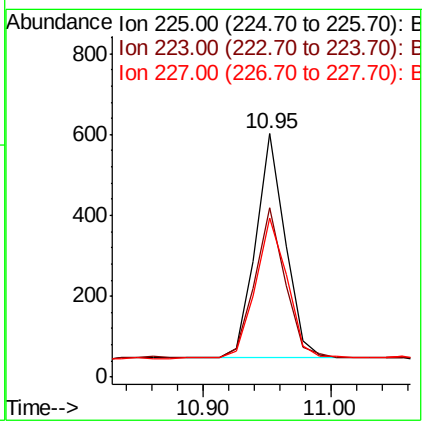


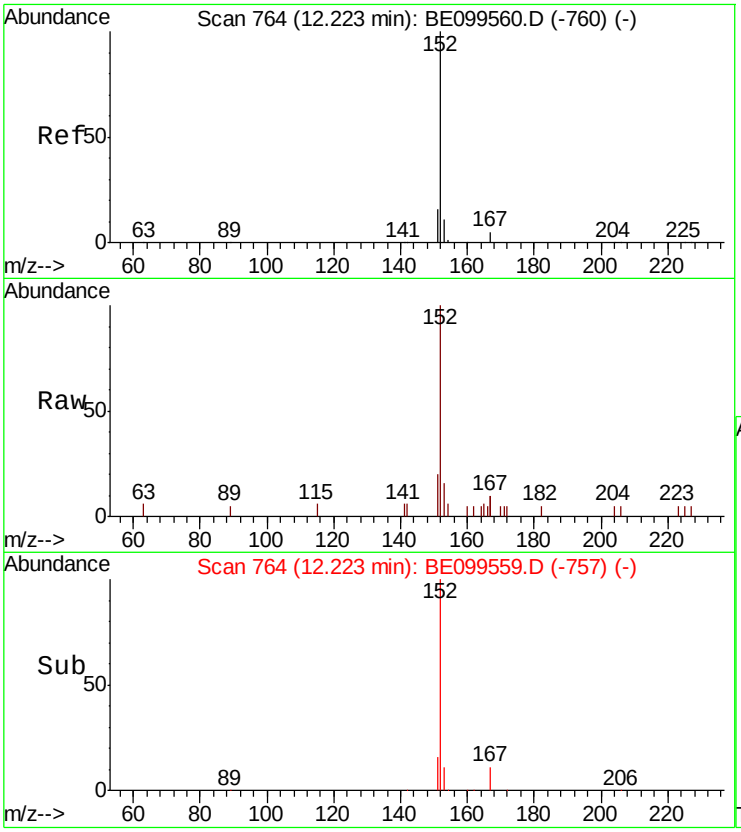


#10
Hexachlorobutadiene
Concen: 0.199 ng
RT: 10.95 min Scan# 676
Delta R.T. 0.00 min
Lab File: BE099559.D
Acq: 7 May 2019 10:14

Tgt Ion:225 Resp: 898

Ion	Ratio	Lower	Upper
225	100		
223	67.9	53.0	79.6
227	69.4	51.4	77.0



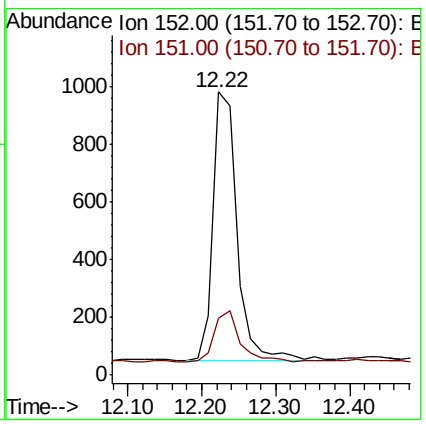


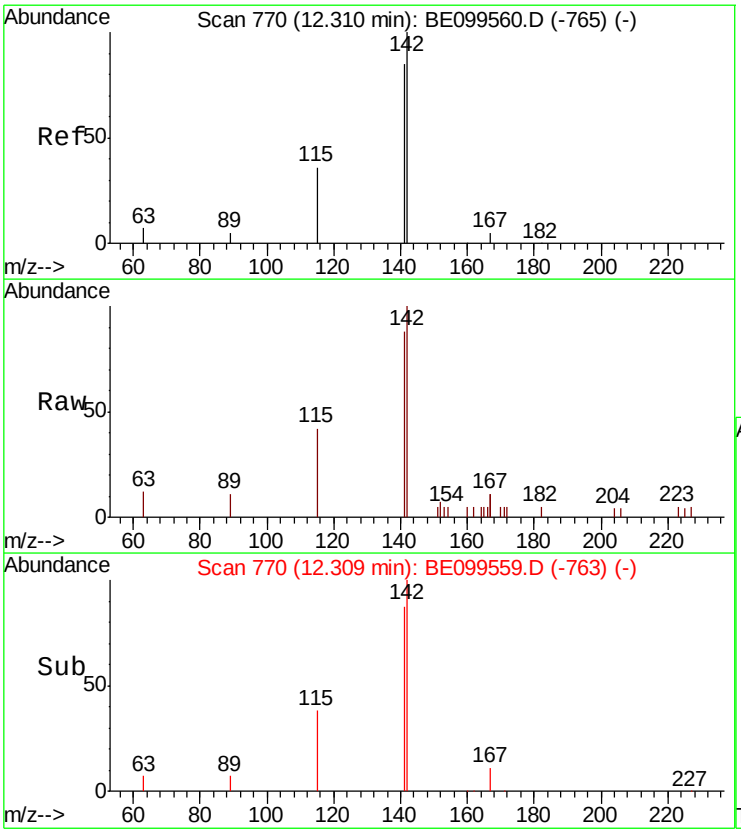
#11
2-Methylnaphthalene-d10
Concen: 0.196 ng
RT: 12.22 min Scan# 764
Delta R.T. -0.00 min
Lab File: BE099559.D
Acq: 7 May 2019 10:14

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:152 Resp: 2100

Ion	Ratio	Lower	Upper
152	100		
151	19.9	15.8	23.8

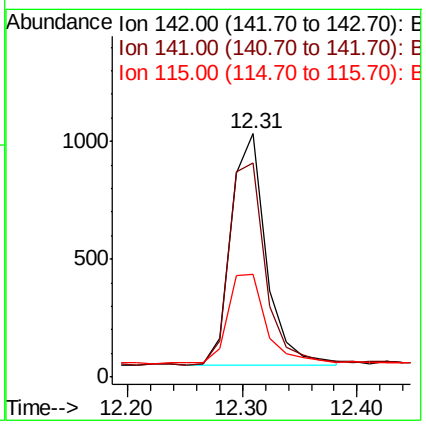


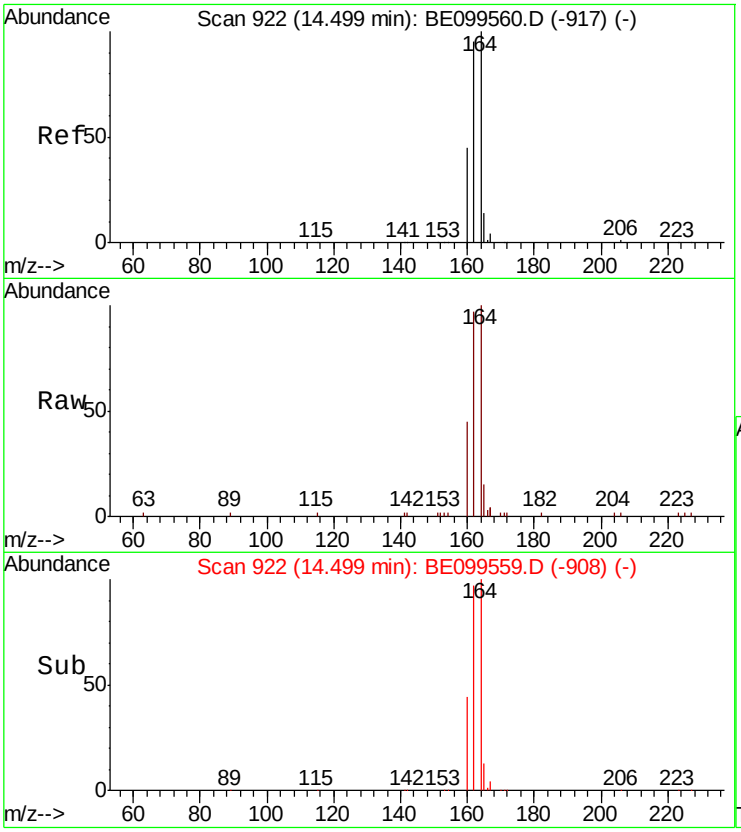


#12
2-Methylnaphthalene
Concen: 0.184 ng
RT: 12.31 min Scan# 770
Delta R.T. -0.00 min
Lab File: BE099559.D
Acq: 7 May 2019 10:14

Tgt Ion:142 Resp: 2076

Ion	Ratio	Lower	Upper
142	100		
141	87.9	68.1	102.1
115	42.0	30.8	46.2



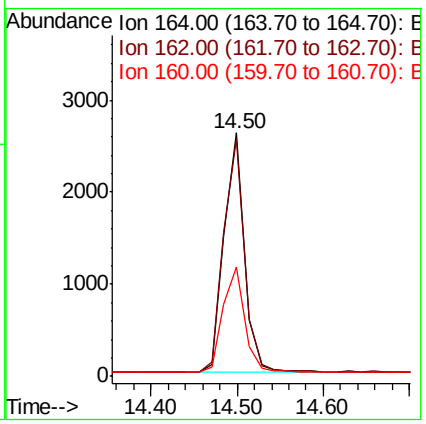


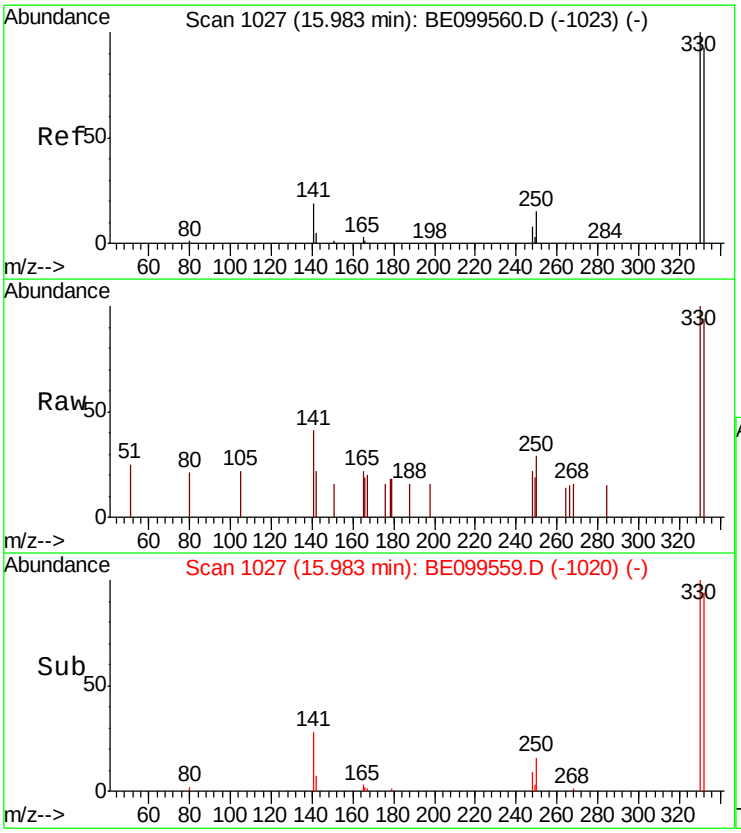
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.50 min Scan# 922
Delta R.T. -0.00 min
Lab File: BE099559.D
Acq: 7 May 2019 10:14

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:164 Resp: 4219

Ion	Ratio	Lower	Upper
164	100		
162	97.3	76.4	114.6
160	44.7	36.6	55.0

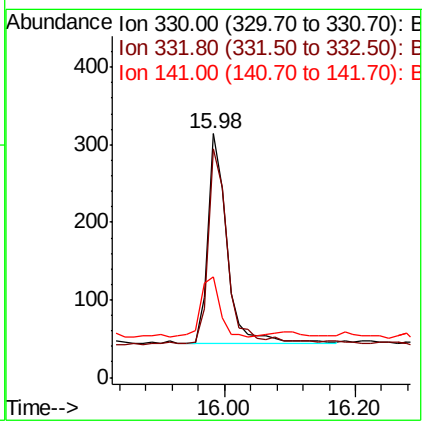


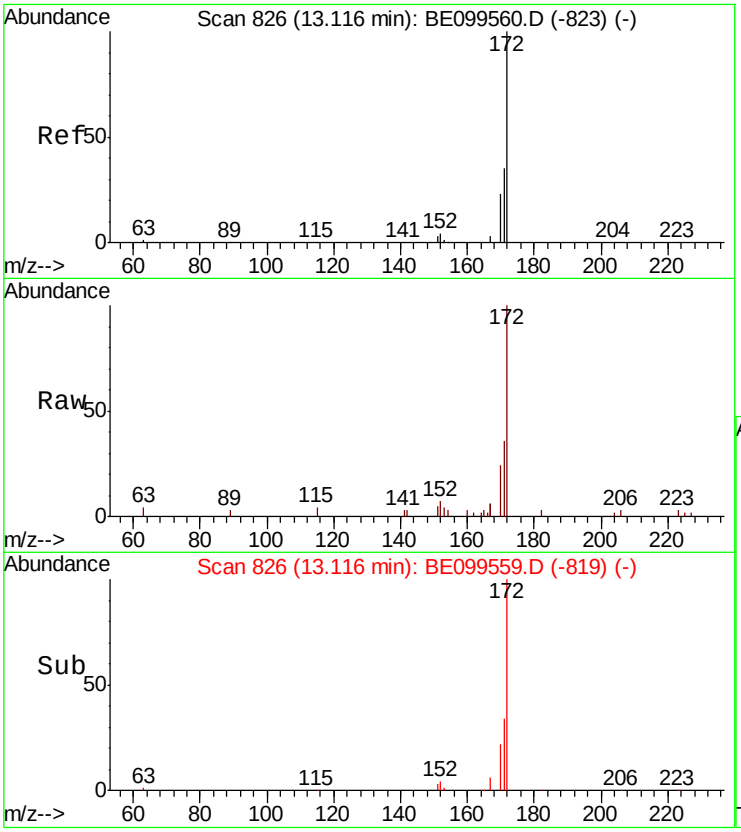


#14
2,4,6-Tribromophenol
Concen: 0.205 ng
RT: 15.98 min Scan# 1027
Delta R.T. -0.00 min
Lab File: BE099559.D
Acq: 7 May 2019 10:14

Tgt Ion:330 Resp: 544

Ion	Ratio	Lower	Upper
330	100		
332	94.3	77.7	116.5
141	28.1	26.1	39.1



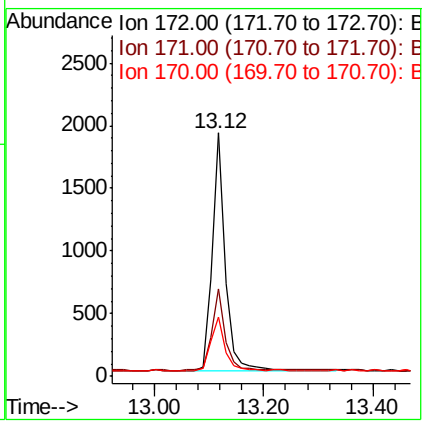


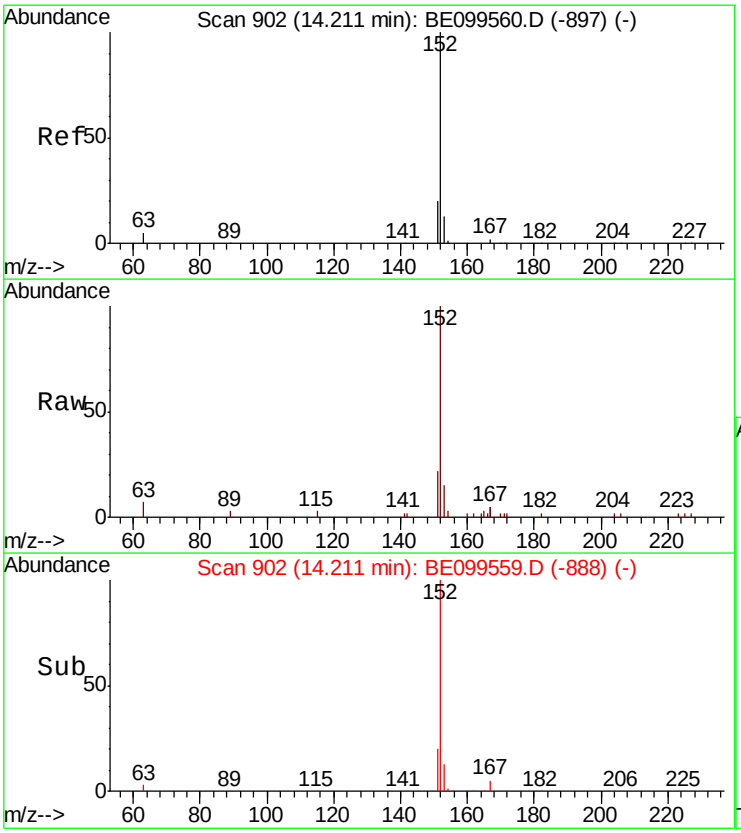
#15
2-Fluorobiphenyl
Concen: 0.200 ng
RT: 13.12 min Scan# 826
Delta R.T. -0.00 min
Lab File: BE099559.D
Acq: 7 May 2019 10:14

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:172 Resp: 3217

Ion	Ratio	Lower	Upper
172	100		
171	35.7	28.4	42.6
170	24.2	18.8	28.2

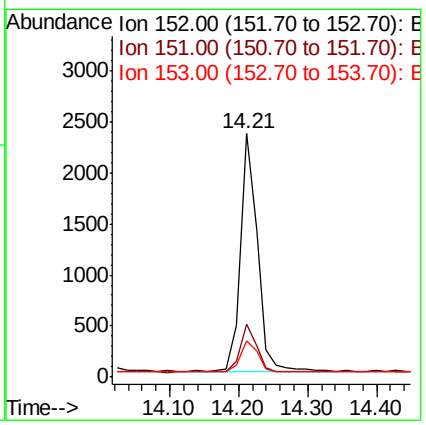


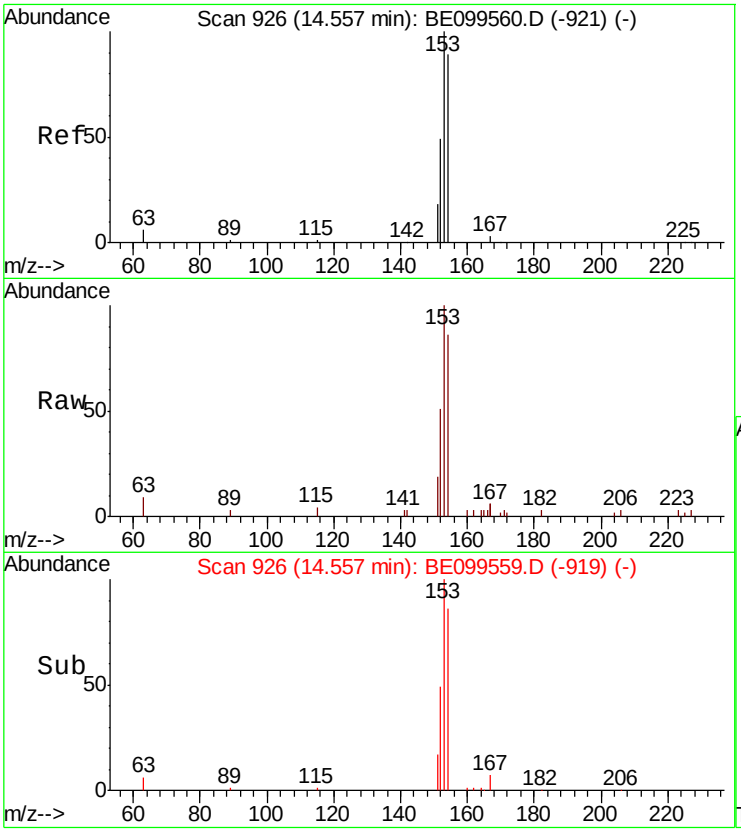


#16
Acenaphthylene
Concen: 0.192 ng
RT: 14.21 min Scan# 902
Delta R.T. -0.00 min
Lab File: BE099559.D
Acq: 7 May 2019 10:14

Tgt Ion:152 Resp: 3958

Ion	Ratio	Lower	Upper
152	100		
151	19.6	15.8	23.8
153	13.7	10.5	15.7



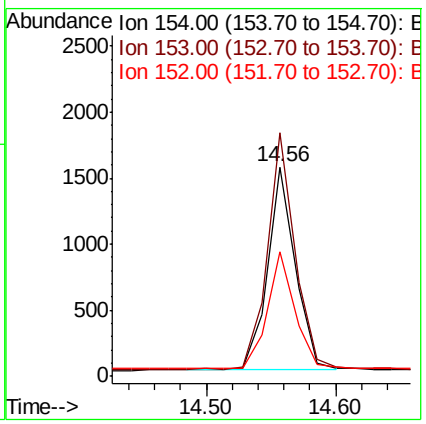


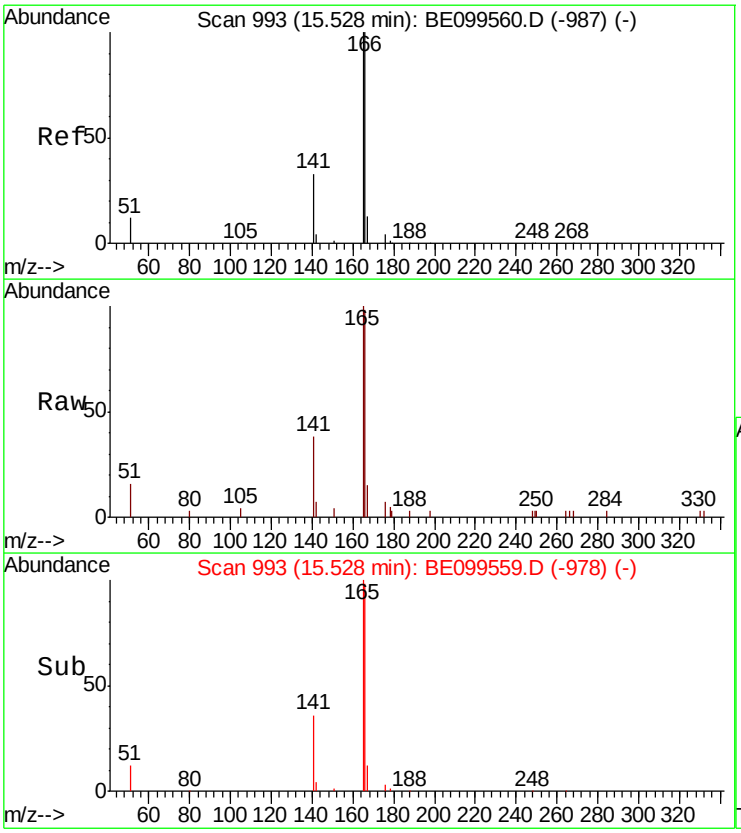
#17
Acenaphthene
Concen: 0.194 ng
RT: 14.56 min Scan# 926
Delta R.T. -0.00 min
Lab File: BE099559.D
Acq: 7 May 2019 10:14

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:154 Resp: 2290

Ion	Ratio	Lower	Upper
154	100		
153	115.8	89.7	134.5
152	57.7	43.9	65.9

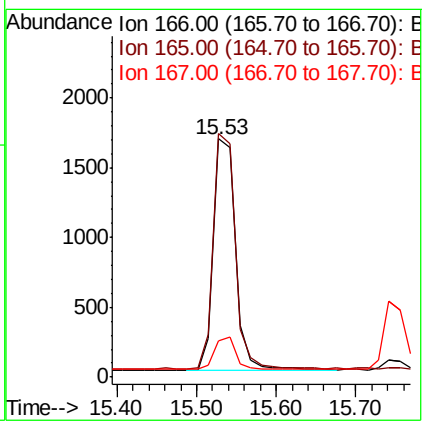


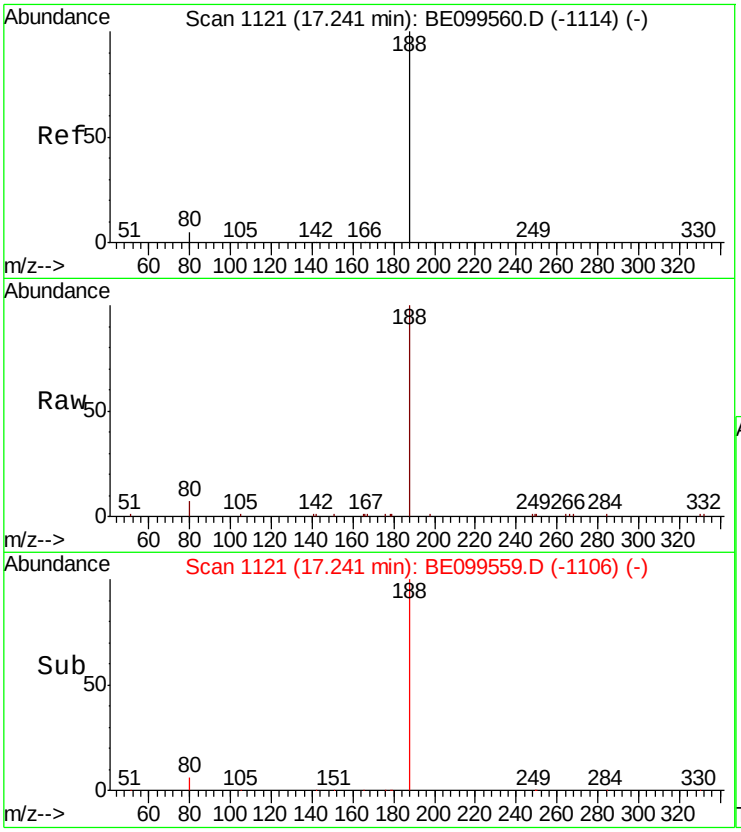


#18
Fluorene
Concen: 0.185 ng
RT: 15.53 min Scan# 993
Delta R.T. -0.00 min
Lab File: BE099559.D
Acq: 7 May 2019 10:14

Tgt Ion:166 Resp: 3221

Ion	Ratio	Lower	Upper
166	100		
165	101.0	79.0	118.6
167	13.9	11.5	17.3



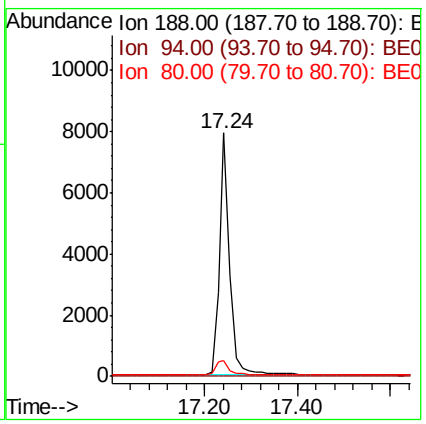


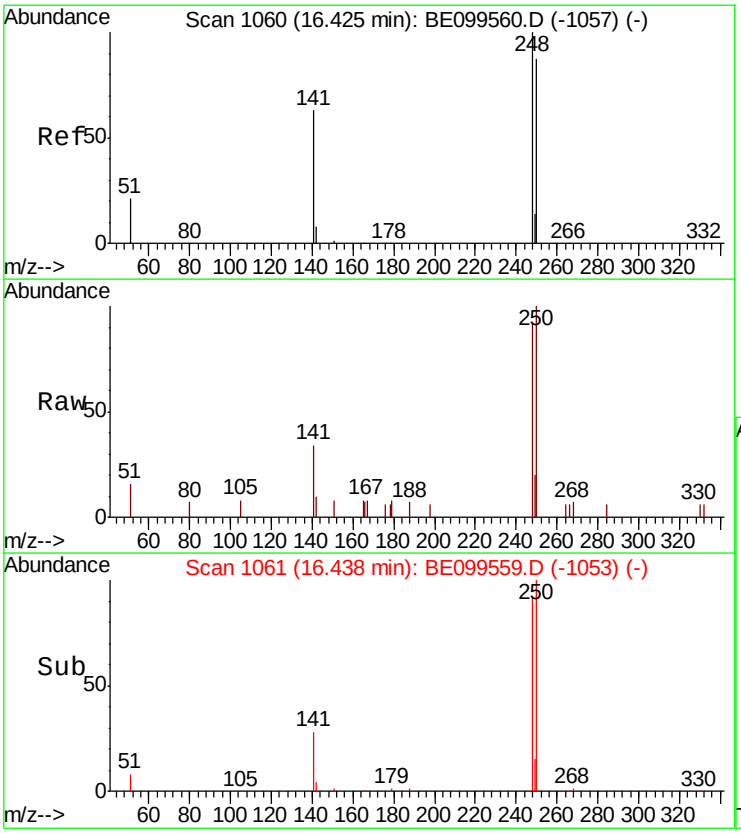
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.24 min Scan# 1121
Delta R.T. -0.00 min
Lab File: BE099559.D
Acq: 7 May 2019 10:14

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:188 Resp: 12319

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	6.6	4.6	7.0

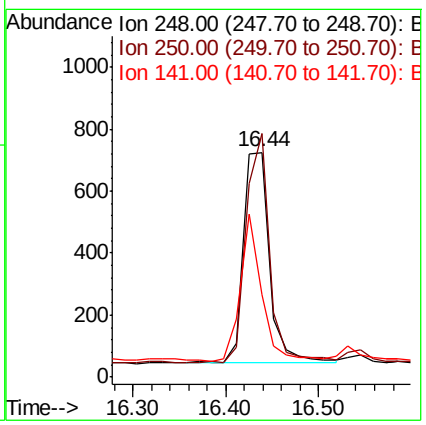


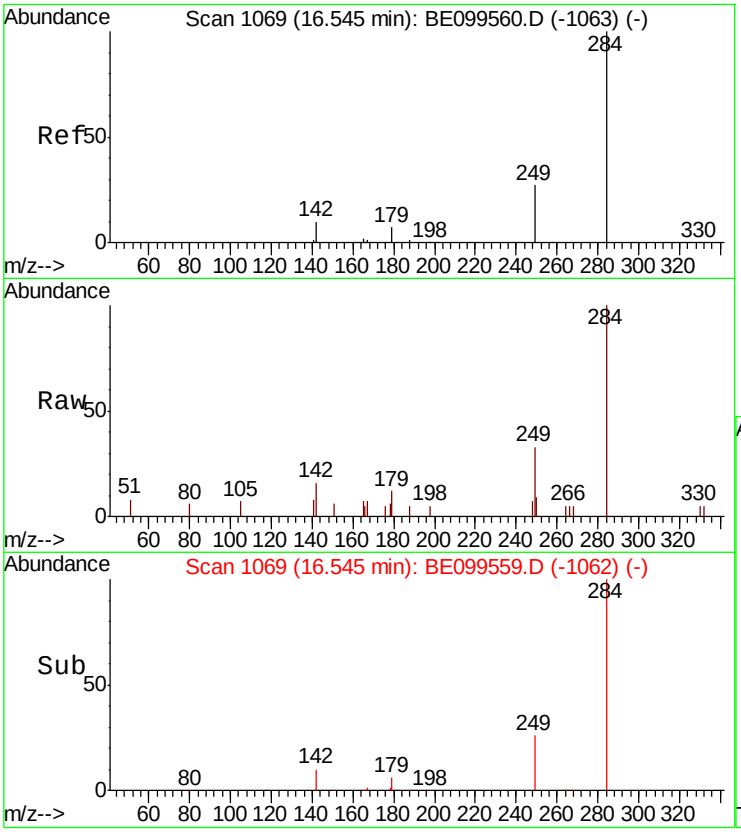


#20
4-Bromophenyl-phenylether
Concen: 0.184 ng
RT: 16.44 min Scan# 1061
Delta R.T. 0.01 min
Lab File: BE099559.D
Acq: 7 May 2019 10:14

Tgt Ion:248 Resp: 1323

Ion	Ratio	Lower	Upper
248	100		
250	108.6	70.0	105.0#
141	36.7	51.8	77.8#



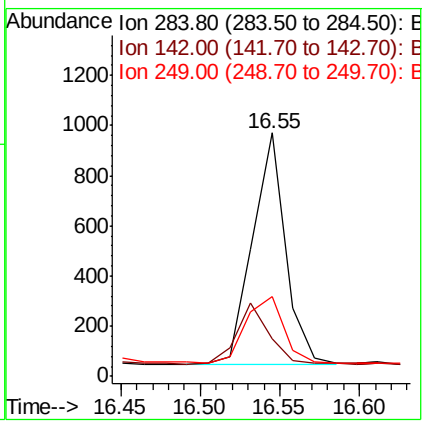


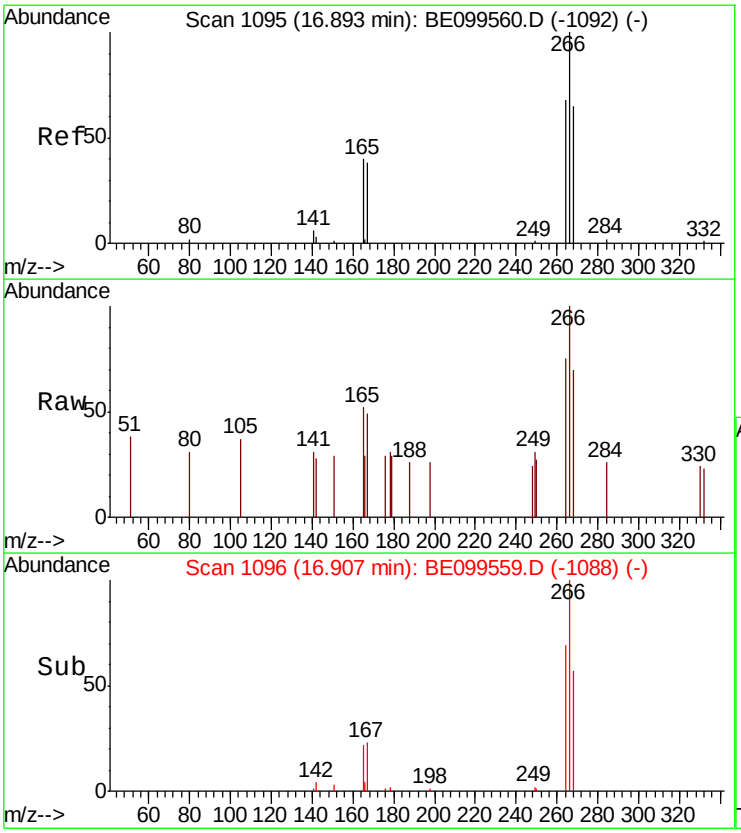
#21
Hexachlorobenzene
Concen: 0.198 ng
RT: 16.55 min Scan# 1069
Delta R.T. -0.00 min
Lab File: BE099559.D
Acq: 7 May 2019 10:14

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:284 Resp: 1351

Ion	Ratio	Lower	Upper
284	100		
142	25.4	19.5	29.3
249	31.8	26.2	39.2

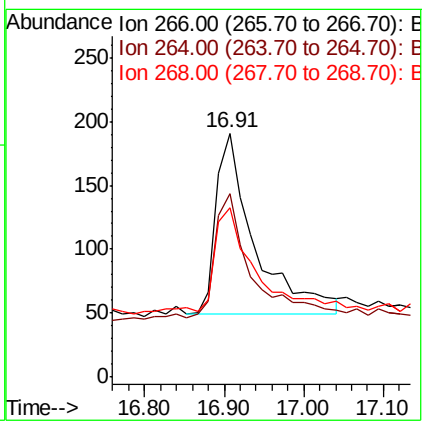


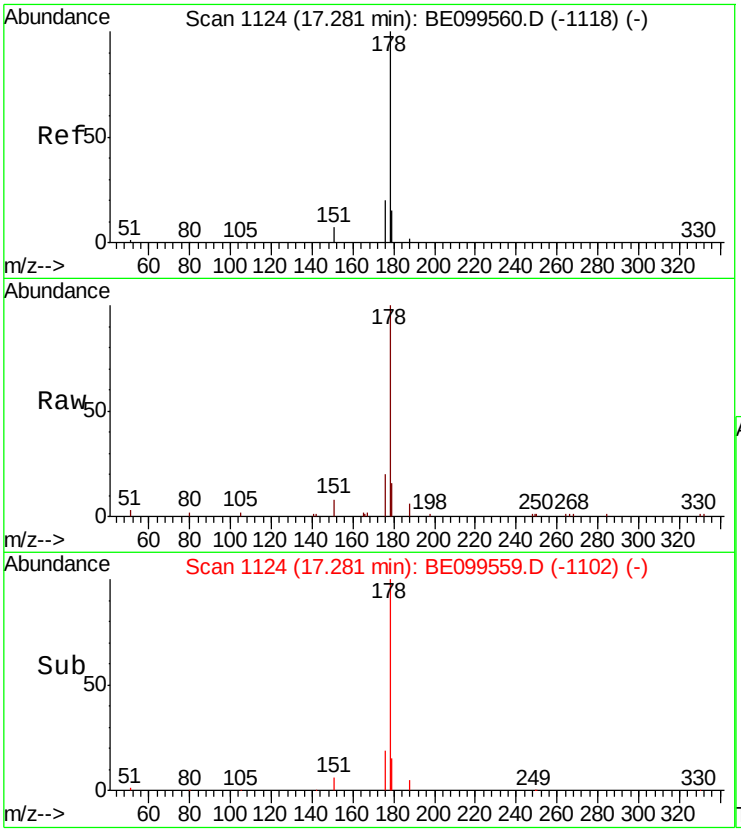


#22
Pentachlorophenol
Concen: 0.155 ng
RT: 16.91 min Scan# 1096
Delta R.T. 0.01 min
Lab File: BE099559.D
Acq: 7 May 2019 10:14

Tgt Ion:266 Resp: 479

Ion	Ratio	Lower	Upper
266	100		
264	75.4	56.6	84.8
268	69.6	55.8	83.8



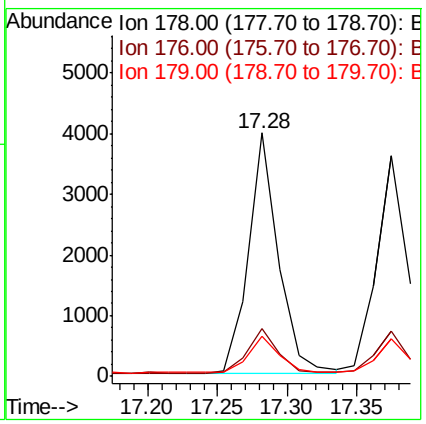


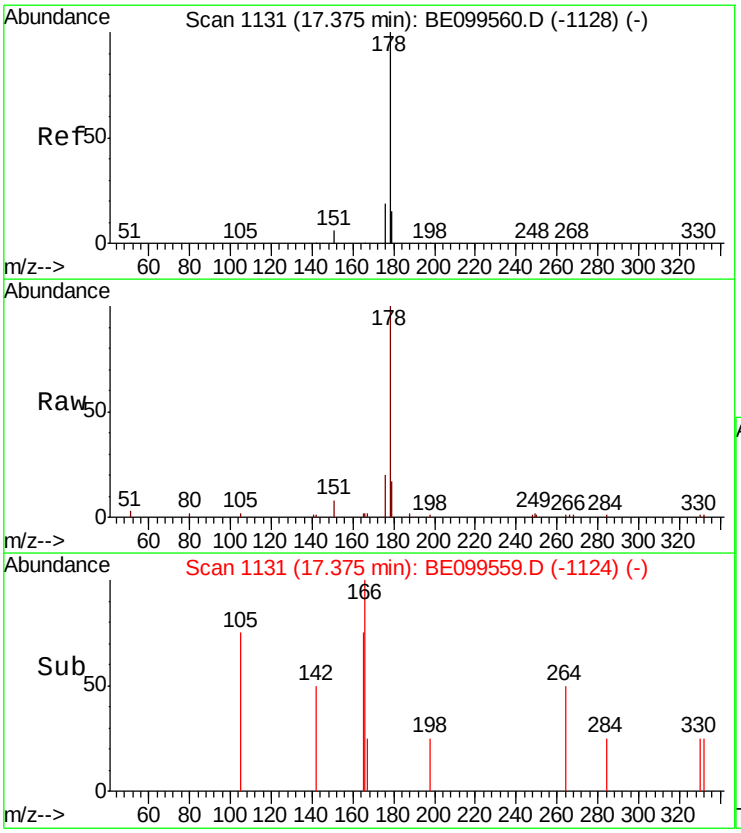
#23
Phenanthrene
Concen: 0.185 ng
RT: 17.28 min Scan# 1124
Delta R.T. -0.00 min
Lab File: BE099559.D
Acq: 7 May 2019 10:14

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:178 Resp: 5883

Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.8	23.6
179	16.1	12.5	18.7

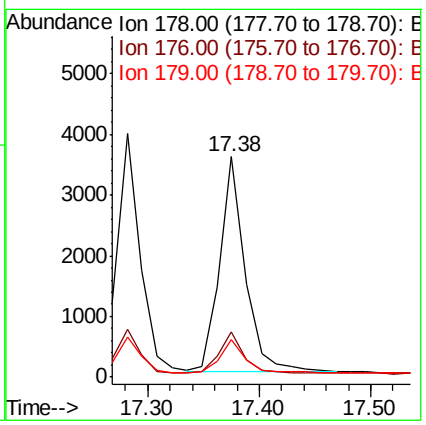


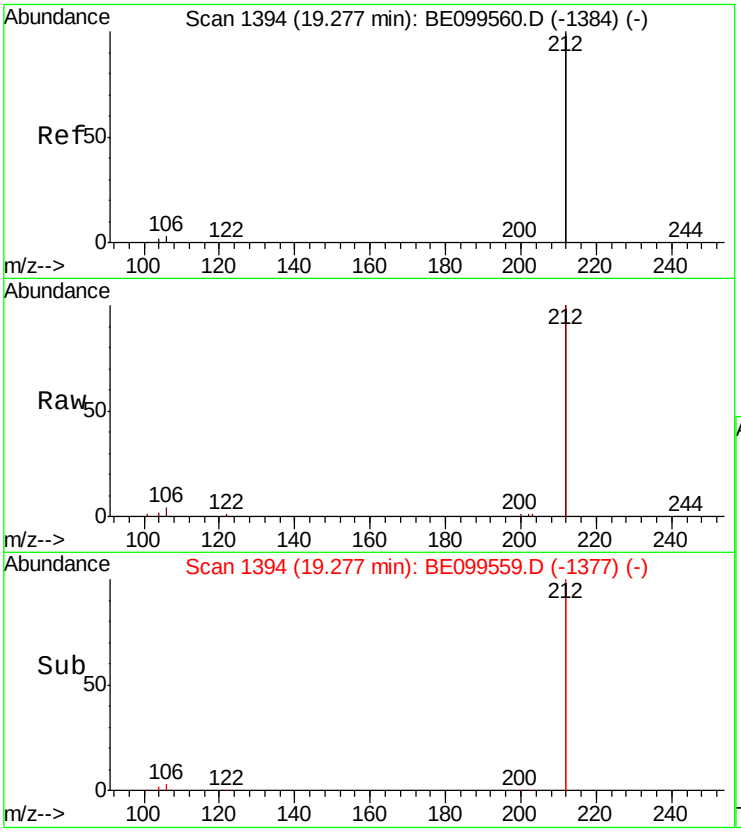


#24
Anthracene
Concen: 0.184 ng
RT: 17.38 min Scan# 1131
Delta R.T. -0.00 min
Lab File: BE099559.D
Acq: 7 May 2019 10:14

Tgt Ion:178 Resp: 5577

Ion	Ratio	Lower	Upper
178	100		
176	18.1	15.3	22.9
179	14.9	12.2	18.4



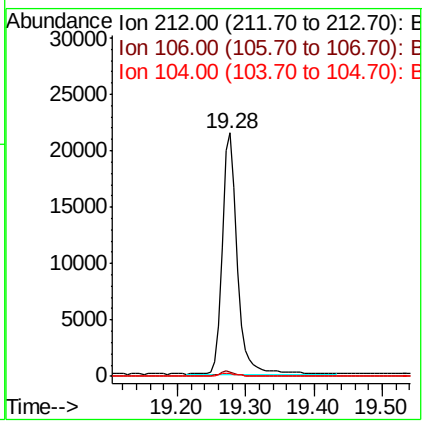


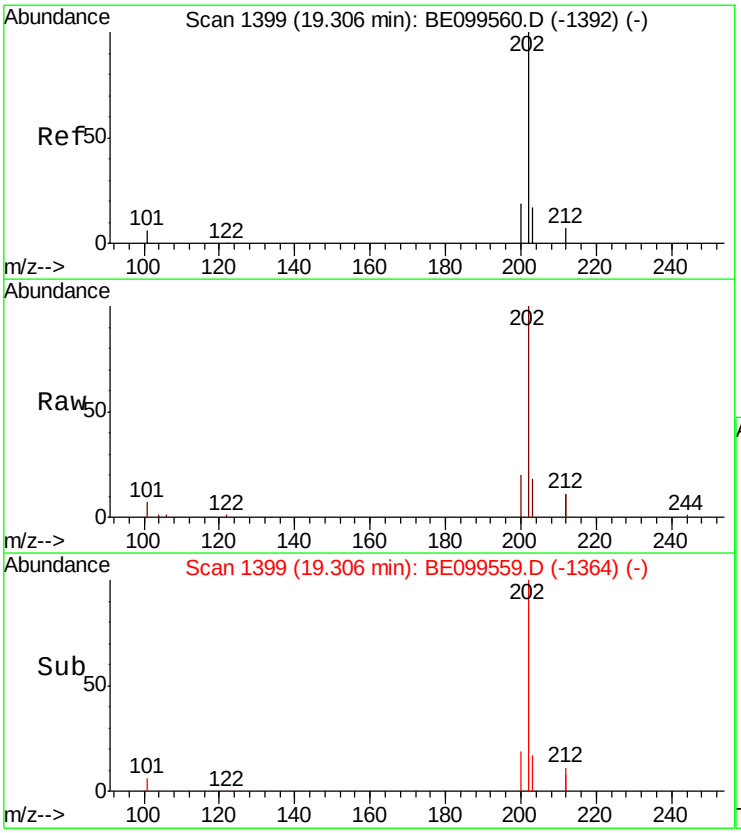
#25
Fluoranthene-d10
Concen: 0.199 ng
RT: 19.28 min Scan# 1394
Delta R.T. 0.00 min
Lab File: BE099559.D
Acq: 7 May 2019 10:14

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:212 Resp: 33026

Ion	Ratio	Lower	Upper
212	100		
106	1.7	1.4	2.0
104	1.1	0.8	1.2

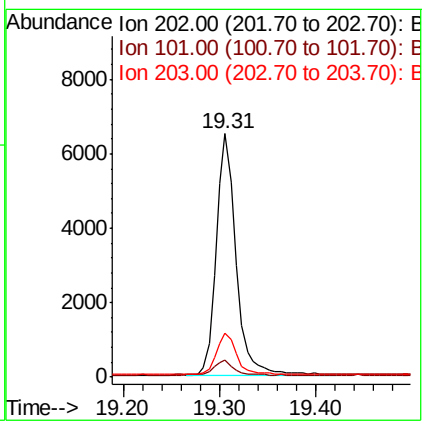


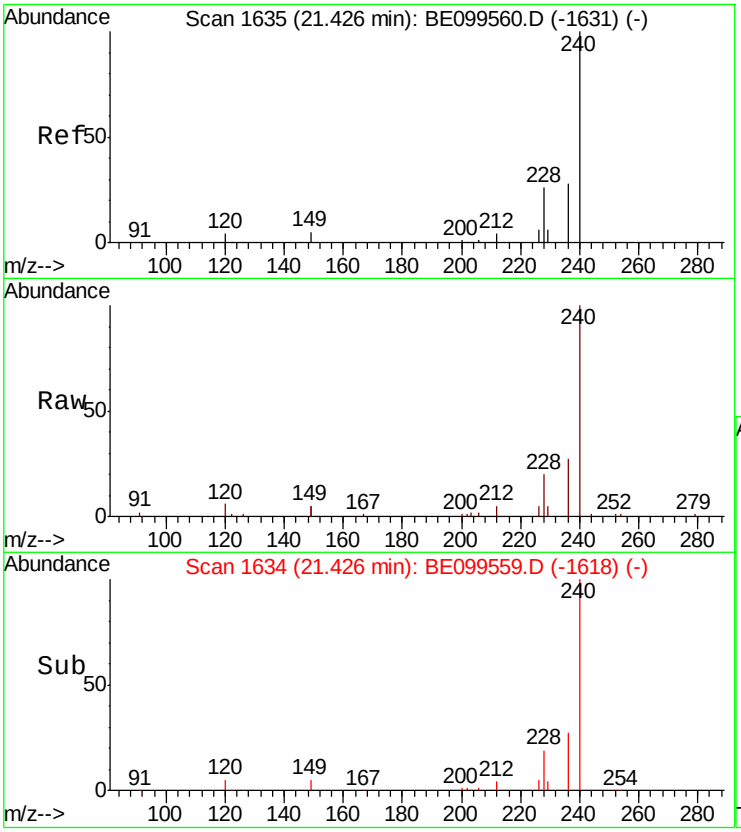


#26
Fluoranthene
Concen: 0.195 ng
RT: 19.31 min Scan# 1399
Delta R.T. 0.00 min
Lab File: BE099559.D
Acq: 7 May 2019 10:14

Tgt Ion:202 Resp: 9262

Ion	Ratio	Lower	Upper
202	100		
101	6.0	5.3	7.9
203	17.7	13.4	20.2



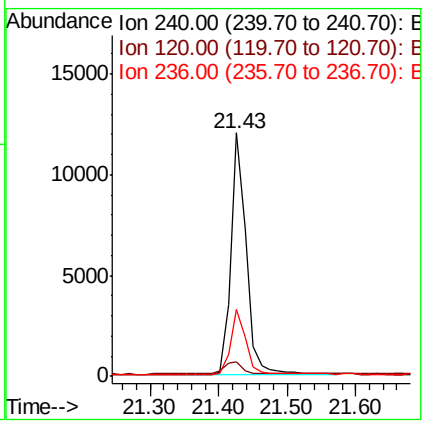


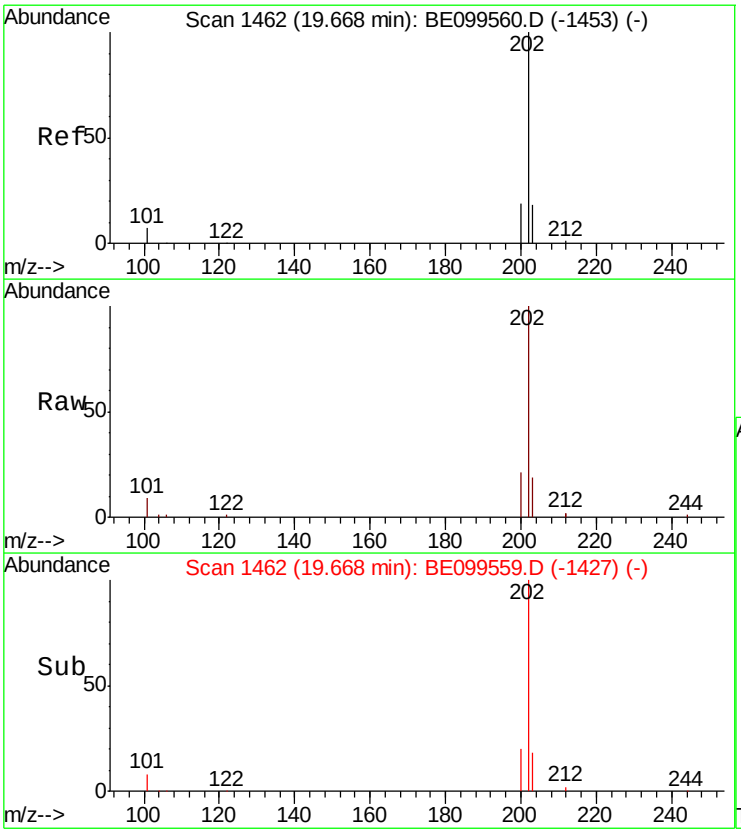
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.43 min Scan# 1634
Delta R.T. -0.00 min
Lab File: BE099559.D
Acq: 7 May 2019 10:14

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:240 Resp: 18623

Ion	Ratio	Lower	Upper
240	100		
120	5.7	3.8	5.6#
236	27.5	22.5	33.7

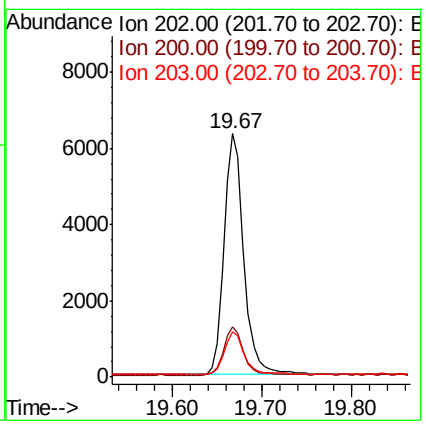


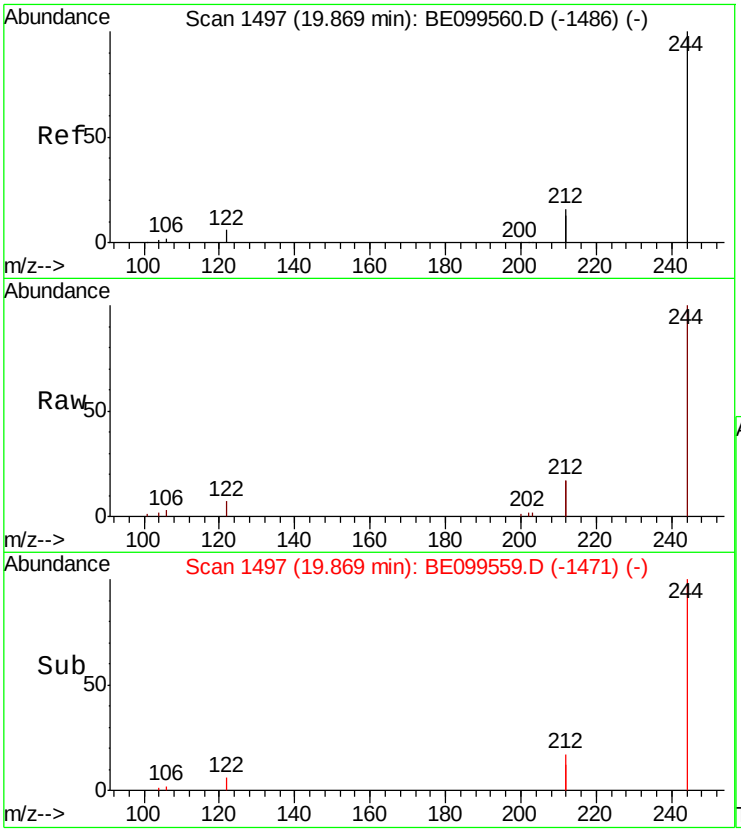


#28
Pyrene
Concen: 0.198 ng
RT: 19.67 min Scan# 1462
Delta R.T. 0.00 min
Lab File: BE099559.D
Acq: 7 May 2019 10:14

Tgt Ion:202 Resp: 9616

Ion	Ratio	Lower	Upper
202	100		
200	19.6	15.8	23.6
203	17.6	14.1	21.1



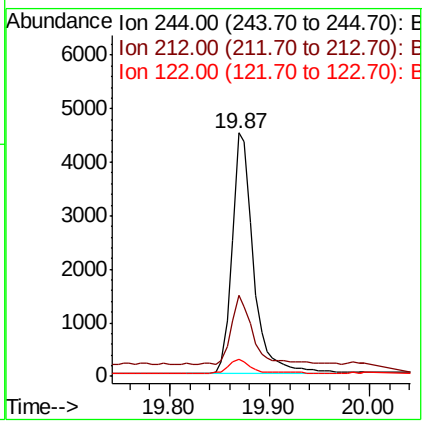


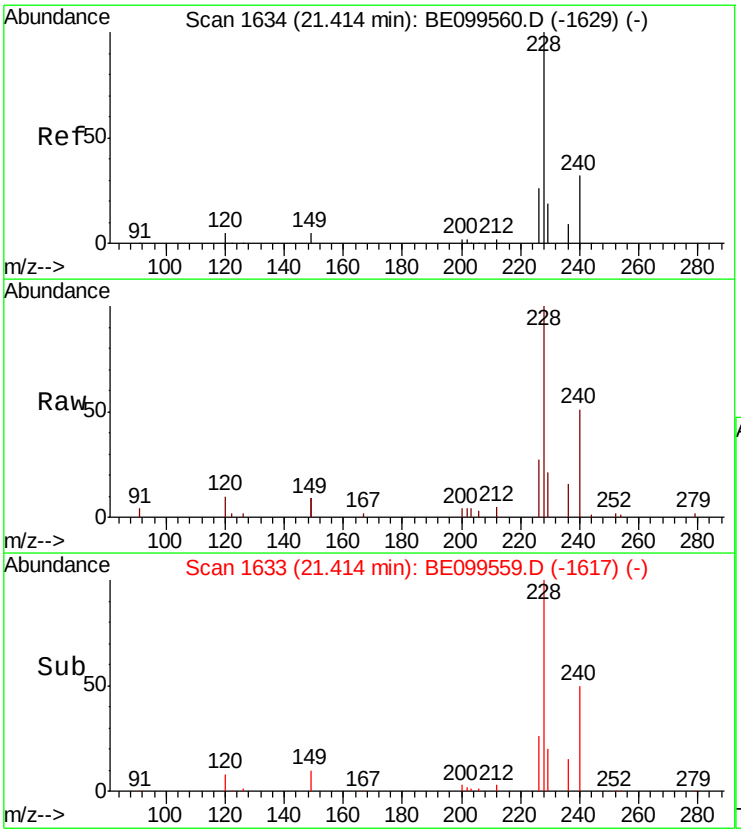
#29
Terphenyl-d14
Concen: 0.194 ng
RT: 19.87 min Scan# 1497
Delta R.T. 0.00 min
Lab File: BE099559.D
Acq: 7 May 2019 10:14

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:244 Resp: 6629

Ion	Ratio	Lower	Upper
244	100		
212	33.5	24.6	37.0
122	6.9	5.0	7.6

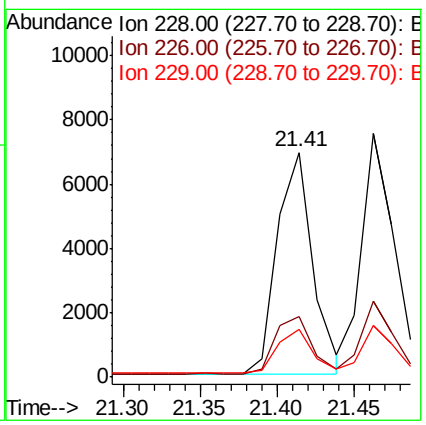


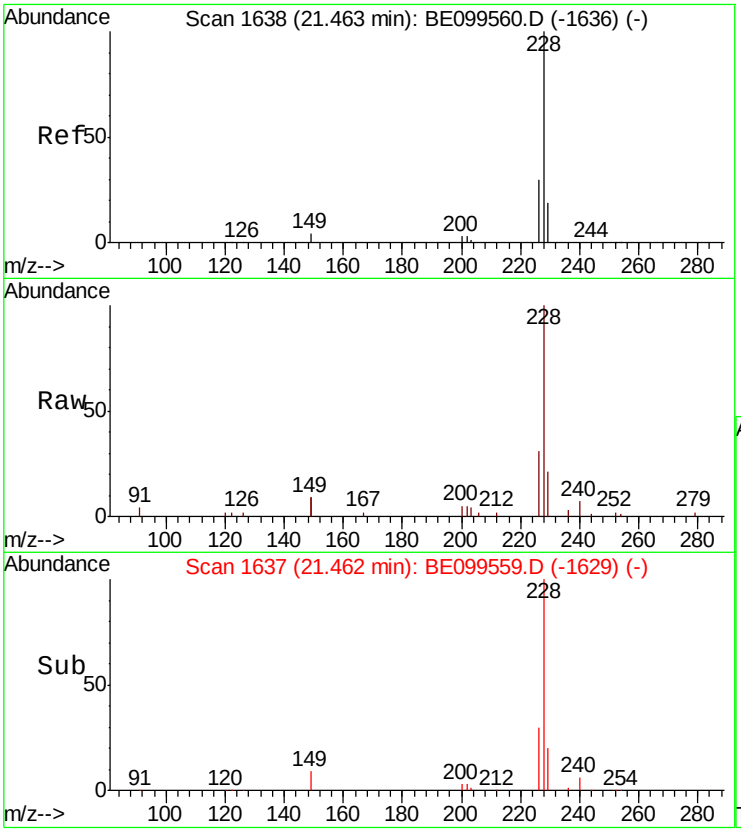


#30
Benzo(a)anthracene
Concen: 0.187 ng
RT: 21.41 min Scan# 1633
Delta R.T. -0.00 min
Lab File: BE099559.D
Acq: 7 May 2019 10:14

Tgt Ion:228 Resp: 11124

Ion	Ratio	Lower	Upper
228	100		
226	26.7	20.9	31.3
229	21.2	16.1	24.1



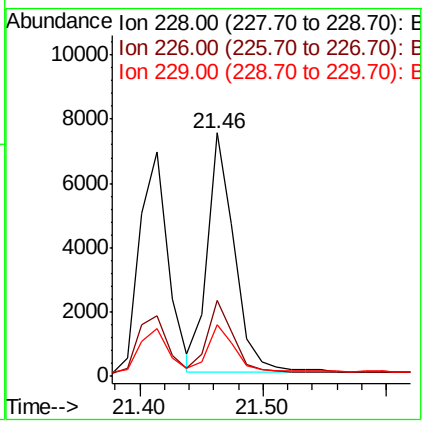


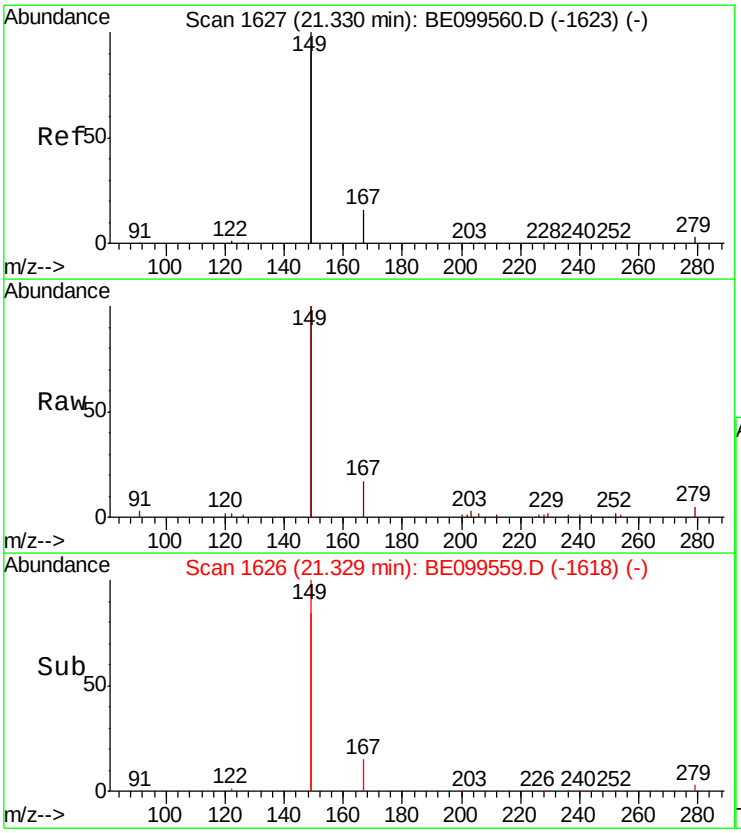
#31
Chrysene
Concen: 0.194 ng
RT: 21.46 min Scan# 1637
Delta R.T. -0.00 min
Lab File: BE099559.D
Acq: 7 May 2019 10:14

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:228 Resp: 11251

Ion	Ratio	Lower	Upper
228	100		
226	31.3	24.2	36.4
229	21.3	15.8	23.6

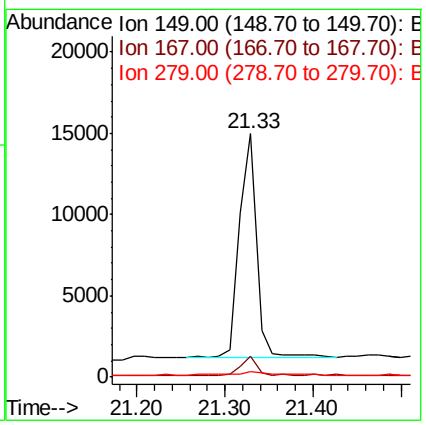


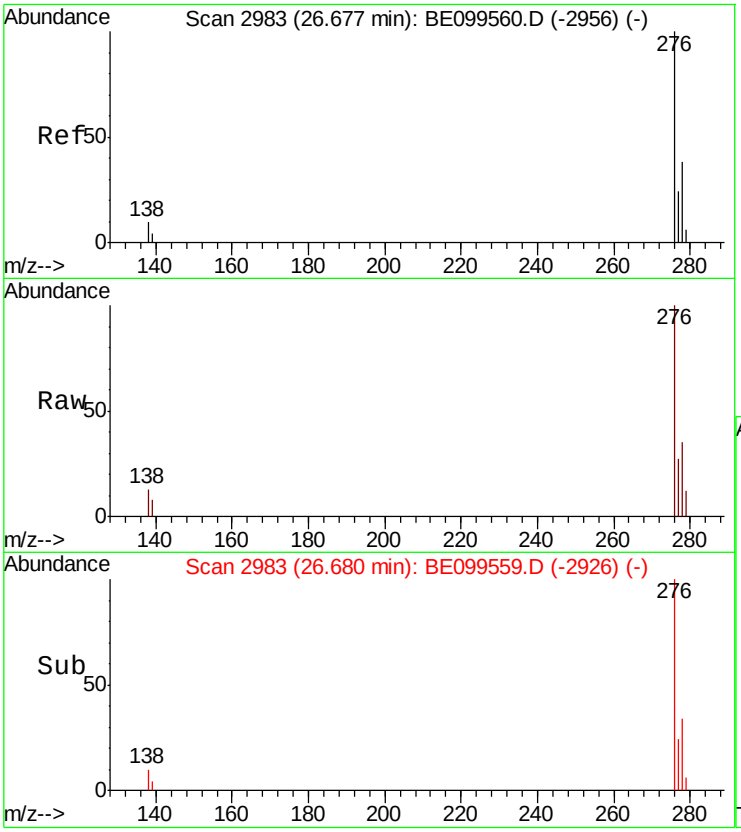


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.183 ng
RT: 21.33 min Scan# 1626
Delta R.T. -0.00 min
Lab File: BE099559.D
Acq: 7 May 2019 10:14

Tgt Ion:149 Resp: 18926

Ion	Ratio	Lower	Upper
149	100		
167	7.4	6.1	9.1
279	2.9	1.3	1.9#



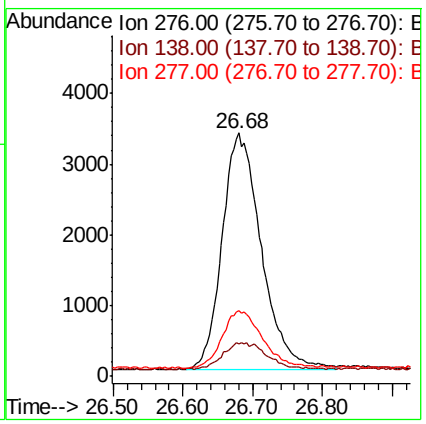


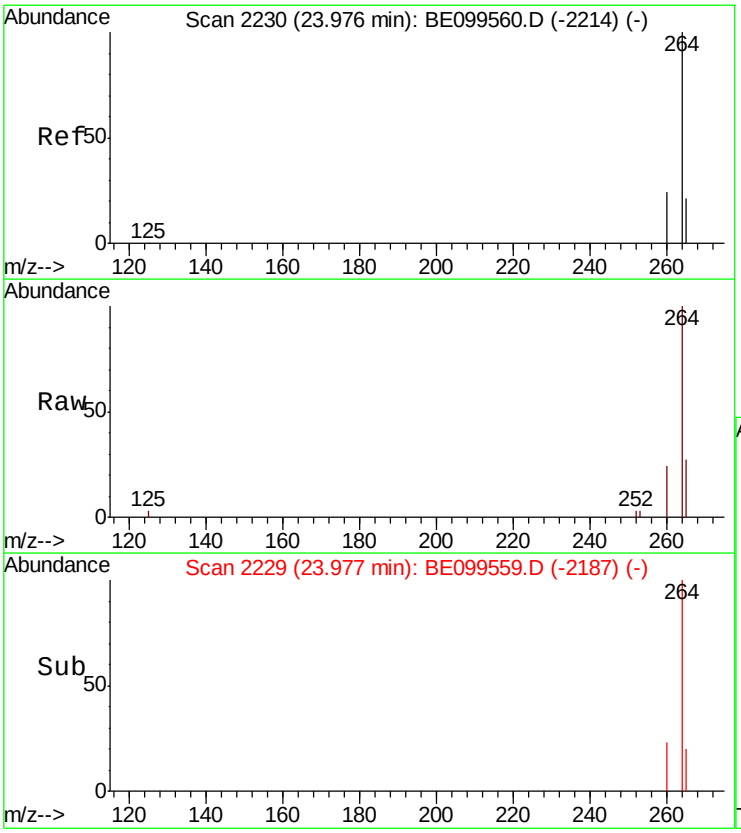
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.190 ng
RT: 26.68 min Scan# 2983
Delta R.T. 0.00 min
Lab File: BE099559.D
Acq: 7 May 2019 10:14

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:276 Resp: 13072

Ion	Ratio	Lower	Upper
276	100		
138	12.1	9.5	14.3
277	24.6	19.7	29.5

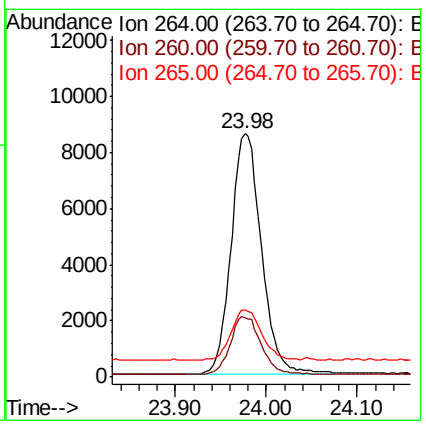


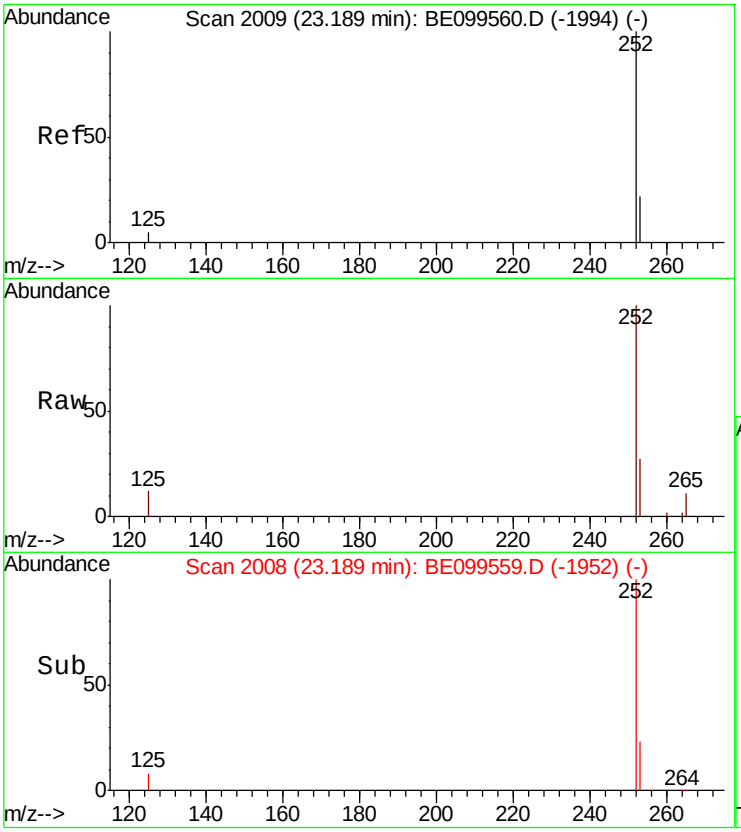


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.98 min Scan# 2229
Delta R.T. 0.00 min
Lab File: BE099559.D
Acq: 7 May 2019 10:14

Tgt Ion:264 Resp: 19926

Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.9	29.9
265	27.4	22.2	33.2



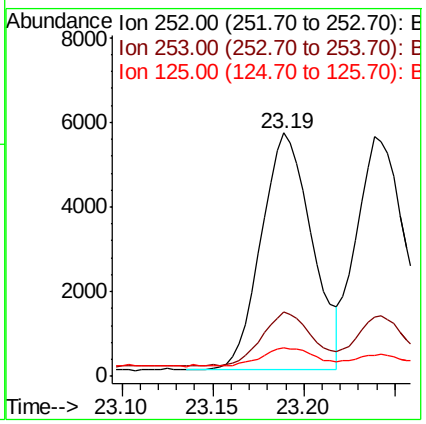


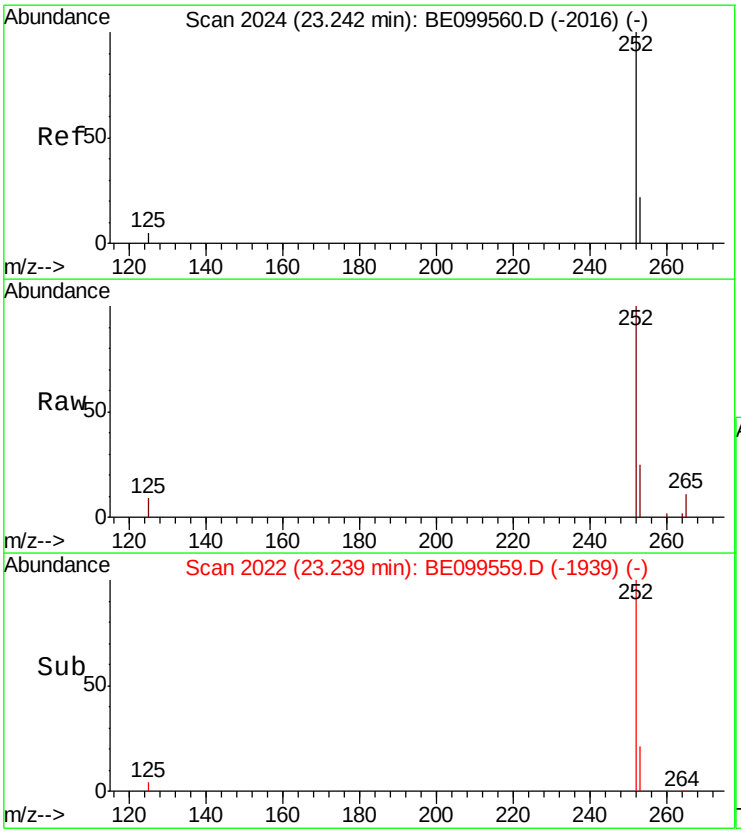
#35
Benzo(b)fluoranthene
Concen: 0.188 ng
RT: 23.19 min Scan# 2008
Delta R.T. 0.00 min
Lab File: BE099559.D
Acq: 7 May 2019 10:14

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:252 Resp: 10819

Ion	Ratio	Lower	Upper
252	100		
253	26.5	19.0	28.4
125	11.5	5.8	8.6#

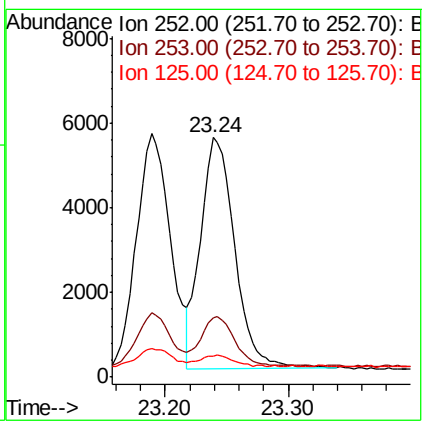


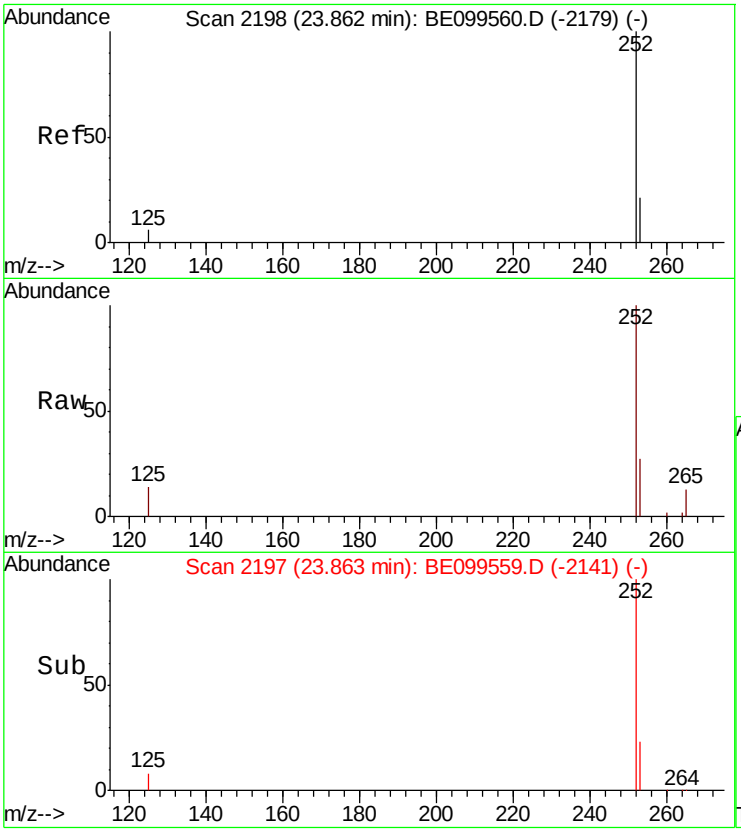


#36
Benzo(k)fluoranthene
Concen: 0.191 ng
RT: 23.24 min Scan# 2022
Delta R.T. -0.00 min
Lab File: BE099559.D
Acq: 7 May 2019 10:14

Tgt Ion:252 Resp: 10576

Ion	Ratio	Lower	Upper
252	100		
253	24.9	19.1	28.7
125	8.7	5.8	8.6#



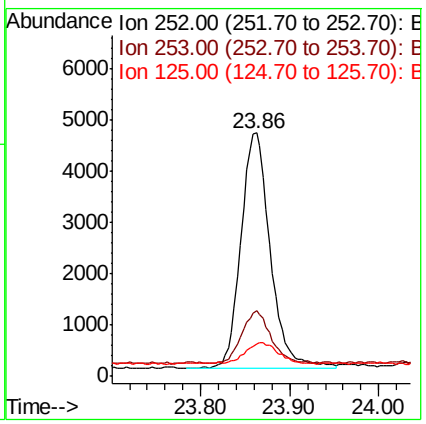


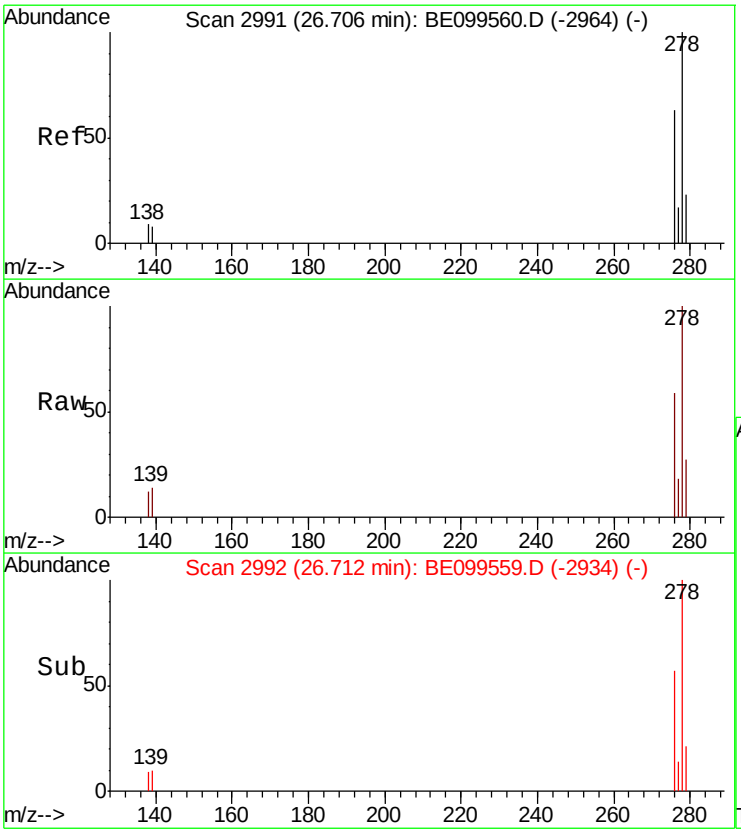
#37
Benzo(a)pyrene
Concen: 0.194 ng
RT: 23.86 min Scan# 2197
Delta R.T. 0.00 min
Lab File: BE099559.D
Acq: 7 May 2019 10:14

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:252 Resp: 10543

Ion	Ratio	Lower	Upper
252	100		
253	27.2	18.9	28.3
125	13.5	6.6	9.8#

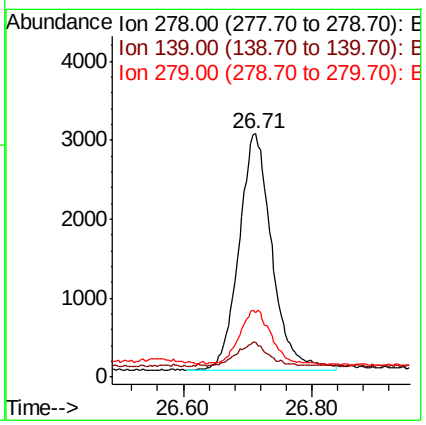


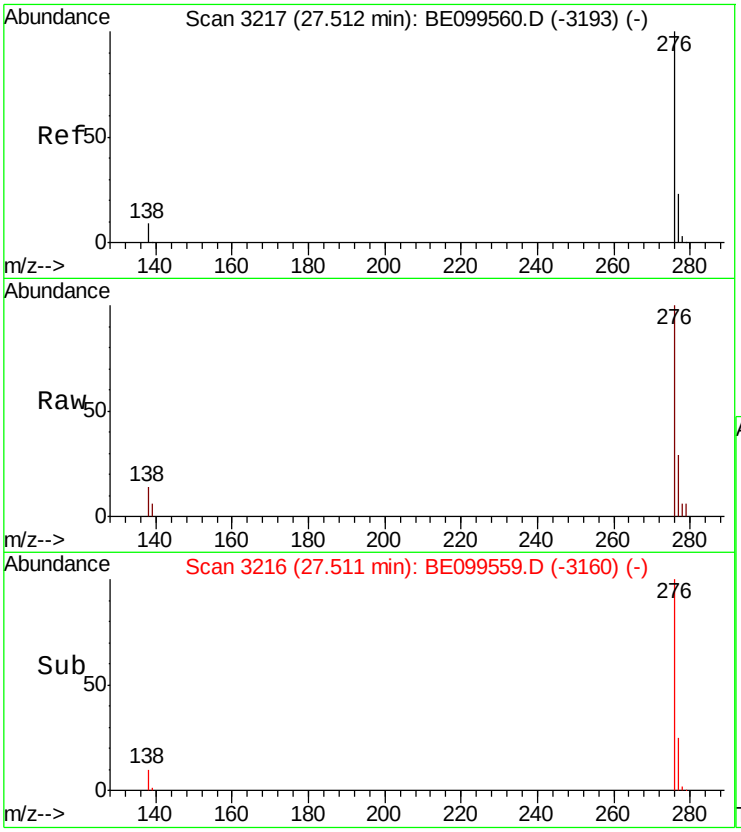


#38
Dibenzo(a,h)anthracene
Concen: 0.194 ng
RT: 26.71 min Scan# 2992
Delta R.T. 0.01 min
Lab File: BE099559.D
Acq: 7 May 2019 10:14

Tgt Ion:278 Resp: 10757

Ion	Ratio	Lower	Upper
278	100		
139	14.5	7.7	11.5#
279	26.6	21.0	31.4





#39
Benzo(g,h,i)perylene
Concen: 0.192 ng
RT: 27.51 min Scan# 3216
Delta R.T. -0.00 min
Lab File: BE099559.D
Acq: 7 May 2019 10:14

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:276 Resp: 10690

Ion	Ratio	Lower	Upper
276	100		
277	28.5	19.7	29.5
138	13.6	8.6	12.8#