Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE050719\
Data File : BE099564.D
Acq On : 7 May 2019 13:13
Operator : JU/SJ
Sample : SSTDICC5.0
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDICC5.0

Quant Time: May 07 14:11:11 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	7.81	152	1691	0.40	ng		0.00
7) Naphthalene-d8	10.63	136	6122	0.40	ng		0.00
13) Acenaphthene-d10	14.50	164	4262	0.40	ng		0.00
19) Phenanthrene-d10	17.24	188	12079	0.40	ng		0.00
27) Chrysene-d12	21.43	240	17953	0.40	ng		0.00
34) Perylene-d12	23.98	264	19185	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.38	112	24530	5.25	ng		0.00
5) Phenol-d6	6.97	99	33288	5.35	ng		0.00
8) Nitrobenzene-d5	8.98	82	33190	5.78	ng		0.00
11) 2-Methylnaphthalene-d10	12.22	152	54447	4.94	ng		0.00
14) 2,4,6-Tribromophenol	15.98	330	15768	5.87	ng		0.00
15) 2-Fluorobiphenyl	13.12	172	84798	5.21	ng		0.00
25) Fluoranthene-d10	19.28	212	850977	5.23	ng		0.00
29) Terphenyl-d14	19.87	244	174937	5.32	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.31	88	11457	4.925	ng		97
3) n-Nitrosodimethylamine	3.62	42	8727	6.224	ng	#	88
6) bis(2-Chloroethyl)ether	7.24	93	26862	5.008	ng		96
9) Naphthalene	10.68	128	336570	5.045	ng		99
10) Hexachlorobutadiene	10.95	225	24320	5.240	ng		97
12) 2-Methylnaphthalene	12.30	142	58346	5.029	ng		94
16) Acenaphthylene	14.21	152	109583	5.254	ng		100
17) Acenaphthene	14.56	154	60198	5.055	ng		97
18) Fluorene	15.53	166	85966	4.893	ng		99
20) 4-Bromophenyl-phenylether	16.42	248	37131	5.281	ng		91
21) Hexachlorobenzene	16.54	284	35754	5.335	ng		99
23) Phenanthrene	17.28	178	159425	5.115	ng		99
24) Anthracene	17.37	178	156998	5.285	ng		99
26) Fluoranthene	19.30	202	240046	5.142	ng		99
28) Pyrene	19.67	202	247908	5.297	ng		100
30) Benzo(a)anthracene	21.40	228	287899	5.033	ng		96
31) Chrysene	21.46	228	283831	5.071	ng		100
32) Bis(2-ethylhexyl)phthalate	21.32	149	423232	4.255	ng		100
33) Indeno(1,2,3-cd)pyrene	26.68	276	338222	5.112	ng		100
35) Benzo(b)fluoranthene	23.19	252	279831	5.058	ng	#	97
36) Benzo(k)fluoranthene	23.24	252	272272	5.104	ng	#	95
37) Benzo(a)pyrene	23.86	252	264702	5.061	ng	#	96
38) Dibenzo(a,h)anthracene	26.71	278	278911	5.213	ng	#	95
39) Benzo(g,h,i)perylene	27.51	276	275198	5.134	ng		99

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

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Misc :
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Instrument :
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ClientSampleId :
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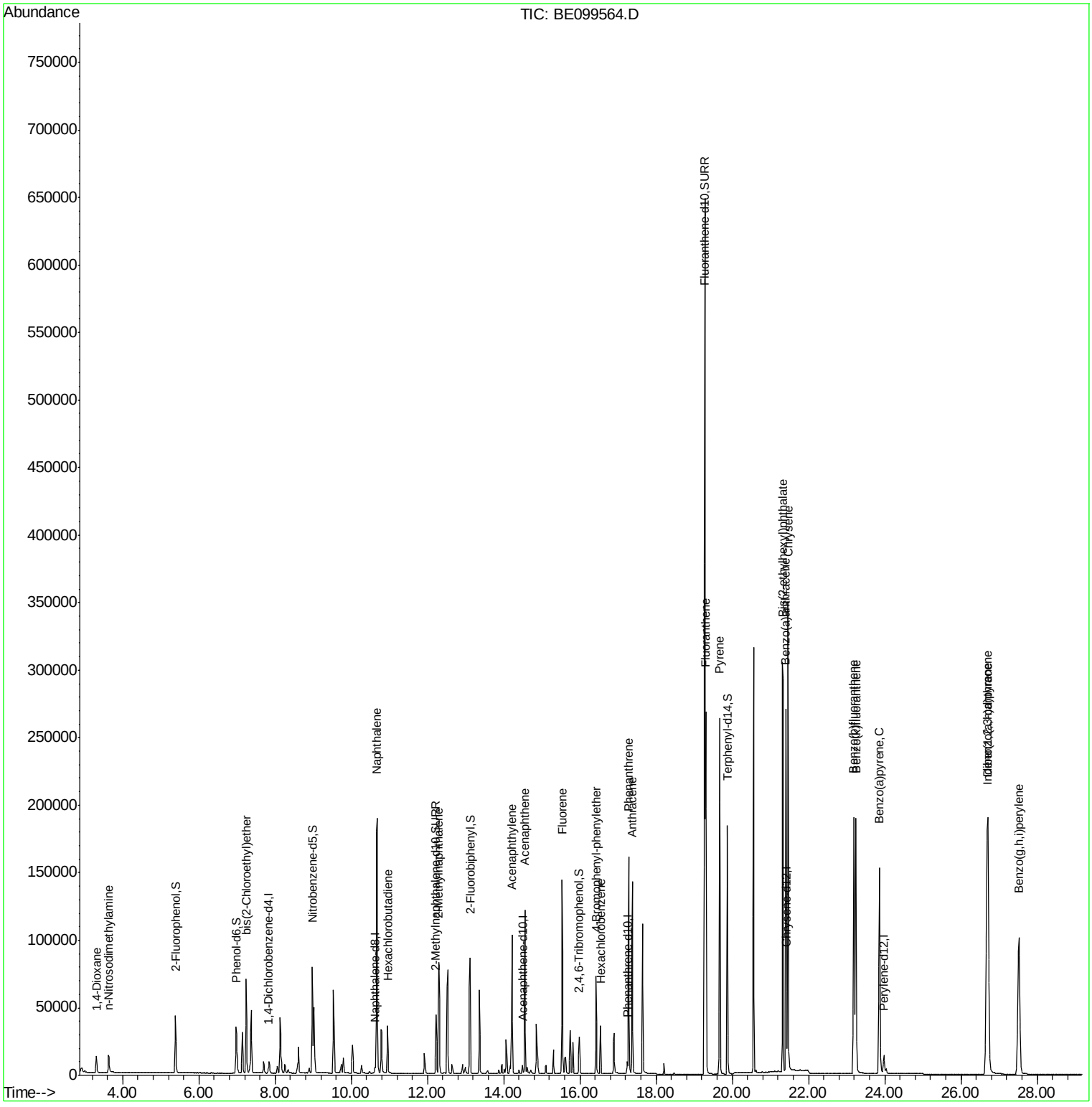
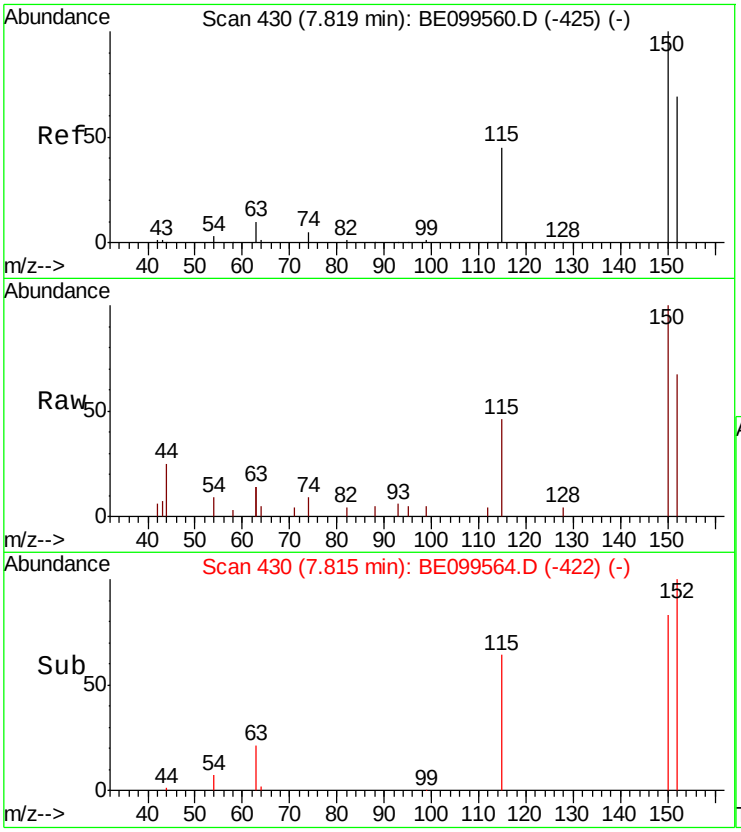


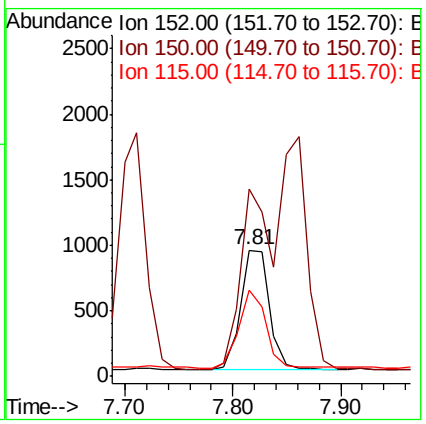


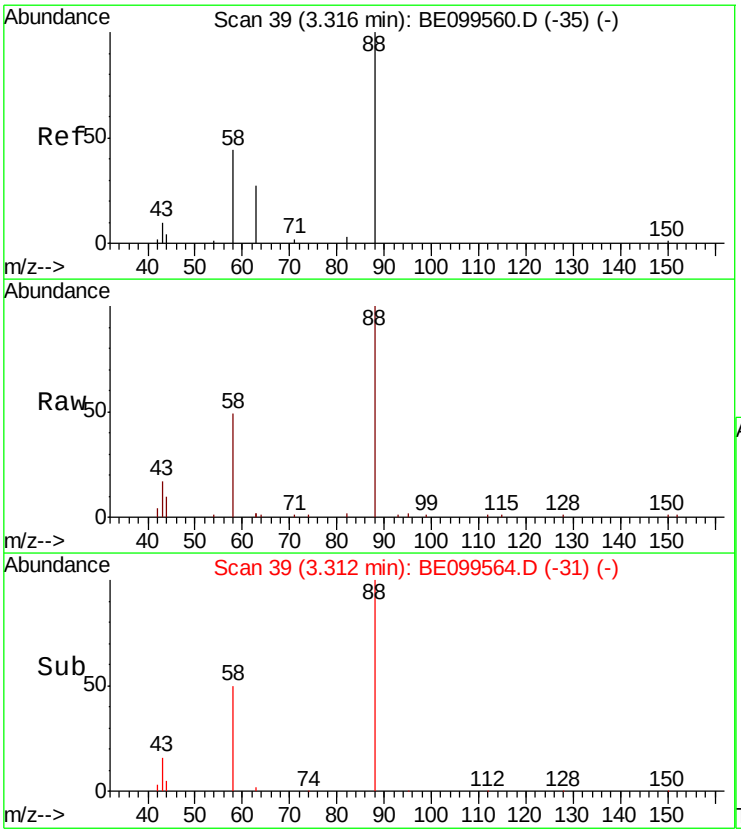
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.81 min Scan# 430
Delta R.T. -0.00 min
Lab File: BE099564.D
Acq: 7 May 2019 13:13

Instrument :
BNA_E
ClientSampleId :
SSTDICC5.0

Tgt Ion:152 Resp: 1691

Ion	Ratio	Lower	Upper
152	100		
150	148.3	113.8	170.6
115	68.3	54.2	81.2

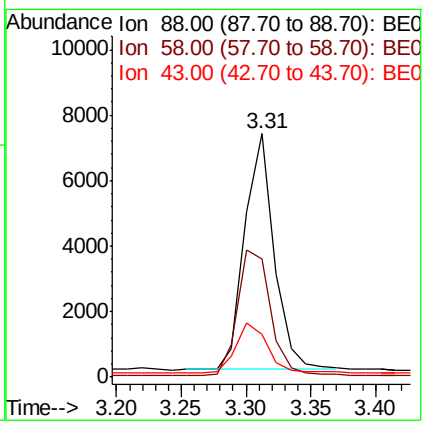


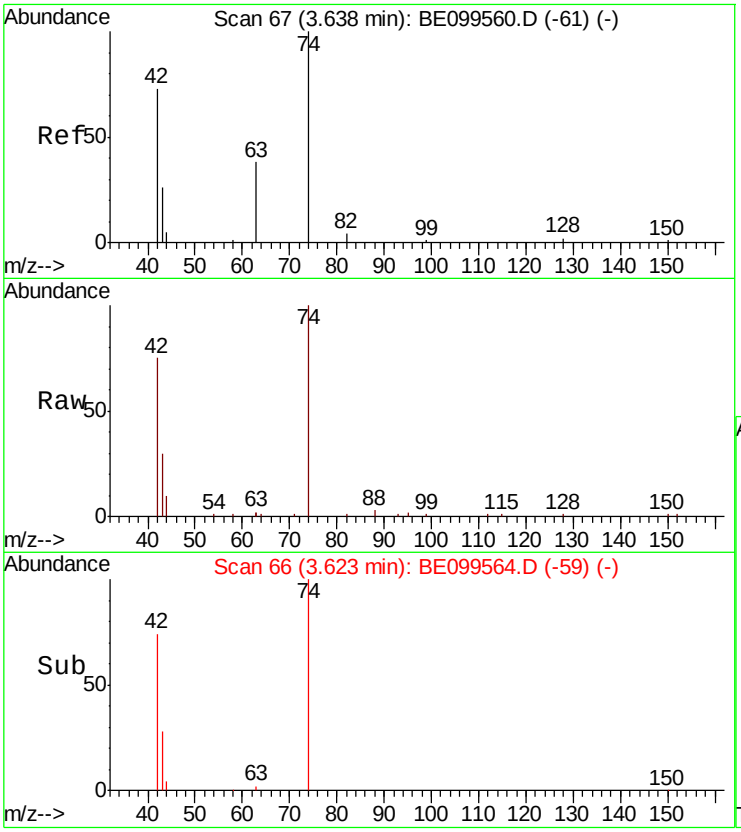


#2
1,4-Dioxane
Concen: 4.925 ng
RT: 3.31 min Scan# 39
Delta R.T. -0.00 min
Lab File: BE099564.D
Acq: 7 May 2019 13:13

Tgt Ion: 88 Resp: 11457

Ion	Ratio	Lower	Upper
88	100		
58	58.8	46.6	69.8
43	21.8	20.3	30.5



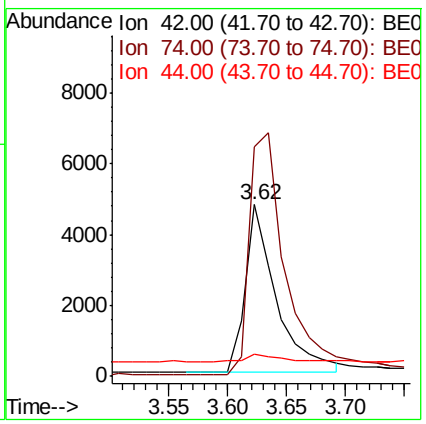


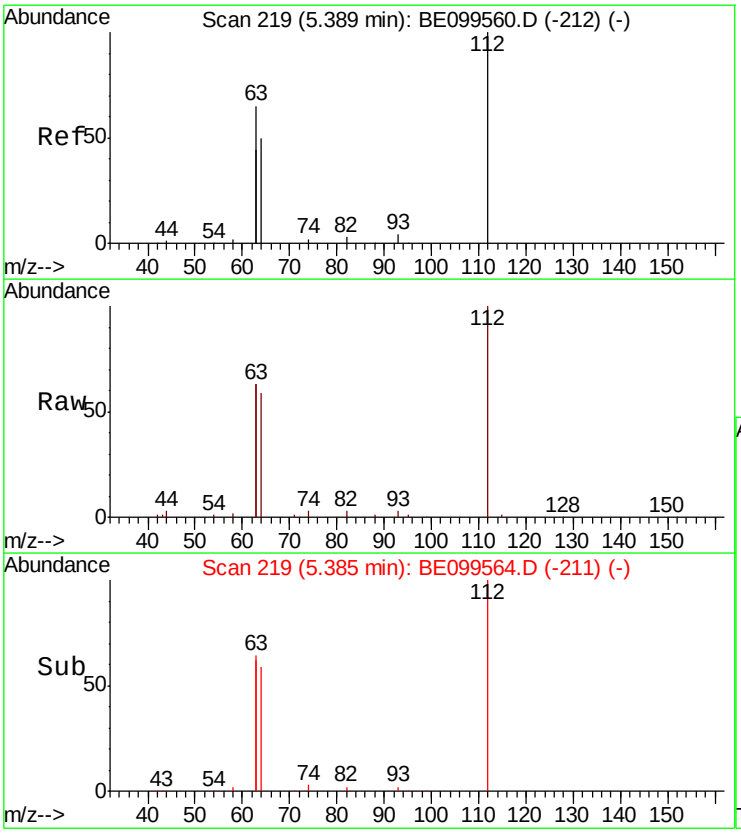
#3
n-Nitrosodimethylamine
Concen: 6.224 ng
RT: 3.62 min Scan# 66
Delta R.T. -0.02 min
Lab File: BE099564.D
Acq: 7 May 2019 13:13

Instrument :
BNA_E
ClientSampleId :
SSTDICC5.0

Tgt Ion: 42 Resp: 8727

Ion	Ratio	Lower	Upper
42	100		
74	166.5	121.3	181.9
44	5.6	0.0	0.0#

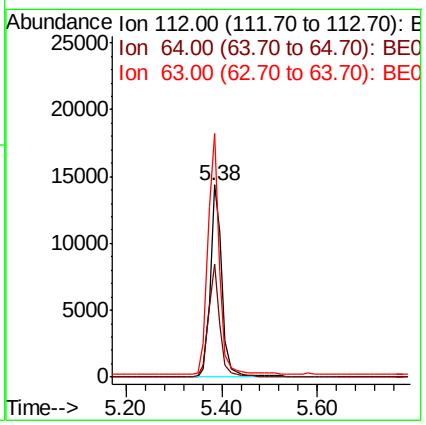


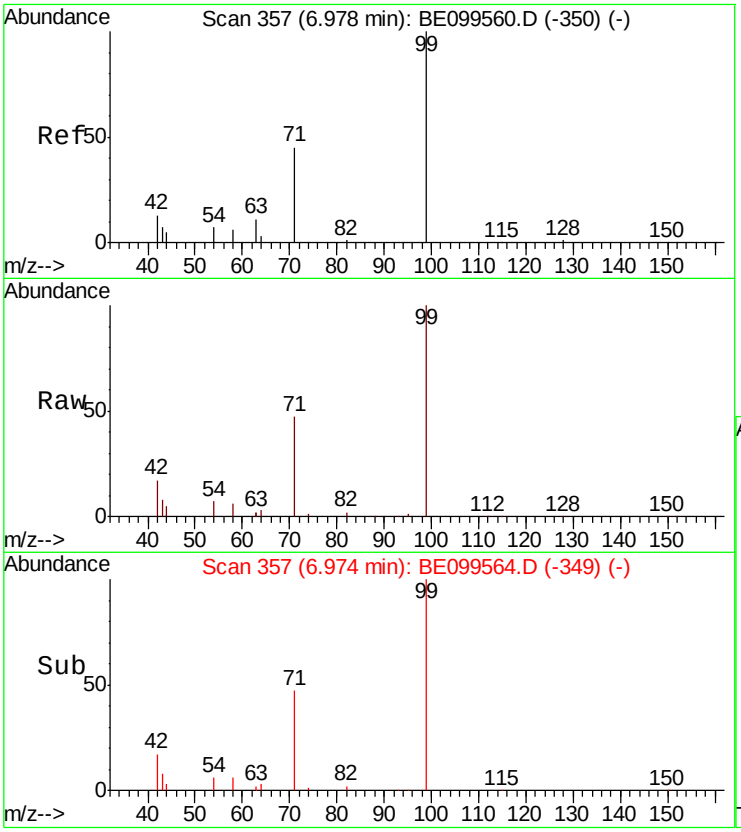


#4
2-Fluorophenol
Concen: 5.246 ng
RT: 5.38 min Scan# 219
Delta R.T. -0.00 min
Lab File: BE099564.D
Acq: 7 May 2019 13:13

Tgt Ion:112 Resp: 24530

Ion	Ratio	Lower	Upper
112	100		
64	56.4	46.3	69.5
63	123.3	99.6	149.4



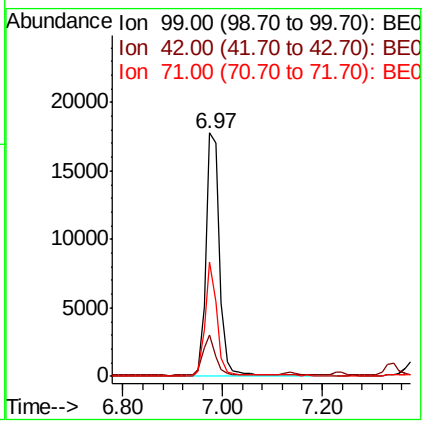


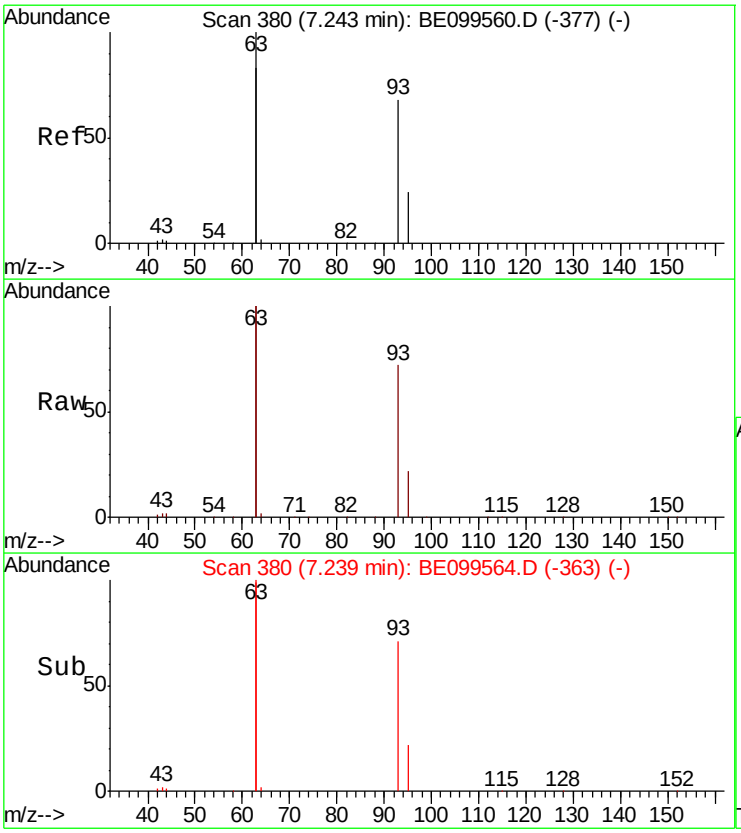
#5
Phenol-d6
Concen: 5.353 ng
RT: 6.97 min Scan# 357
Delta R.T. -0.00 min
Lab File: BE099564.D
Acq: 7 May 2019 13:13

Instrument :
BNA_E
ClientSampleId :
SSTDICC5.0

Tgt Ion: 99 Resp: 33288

Ion	Ratio	Lower	Upper
99	100		
42	15.7	13.4	20.0
71	40.7	34.2	51.2

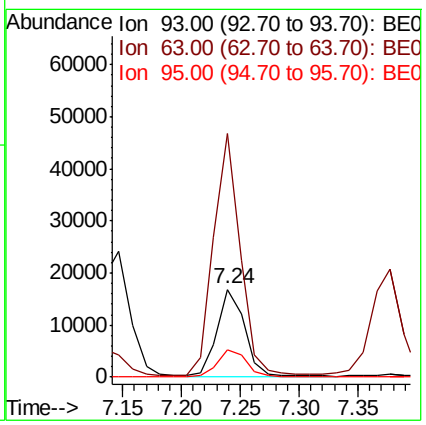


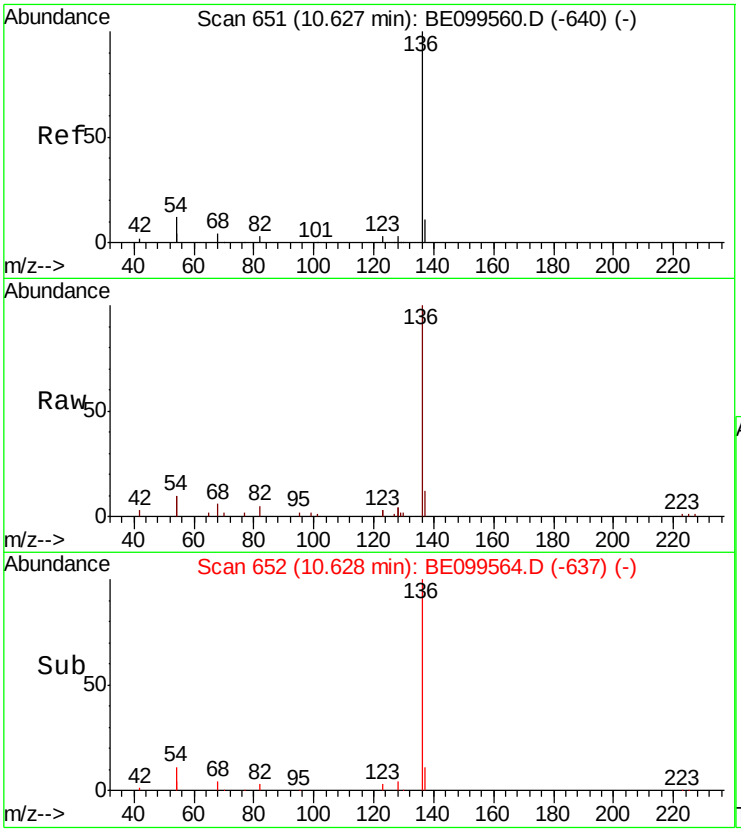


#6
bis(2-Chloroethyl)ether
Concen: 5.008 ng
RT: 7.24 min Scan# 380
Delta R.T. -0.00 min
Lab File: BE099564.D
Acq: 7 May 2019 13:13

Tgt Ion: 93 Resp: 26862

Ion	Ratio	Lower	Upper
93	100		
63	269.5	209.0	313.4
95	31.8	26.9	40.3



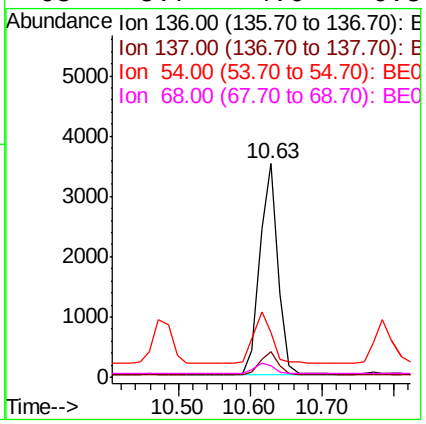


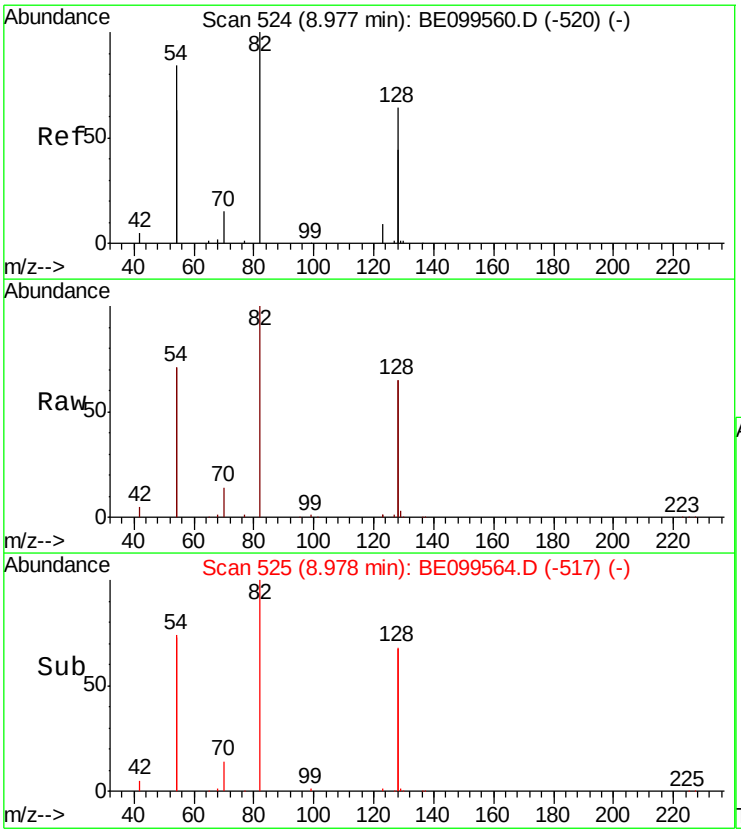
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.63 min Scan# 652
Delta R.T. 0.00 min
Lab File: BE099564.D
Acq: 7 May 2019 13:13

Instrument :
BNA_E
ClientSampleId :
SSTDICC5.0

Tgt Ion:136 Resp: 6122

Ion	Ratio	Lower	Upper
136	100		
137	12.1	10.0	15.0
54	21.0	18.6	28.0
68	5.7	4.6	6.8

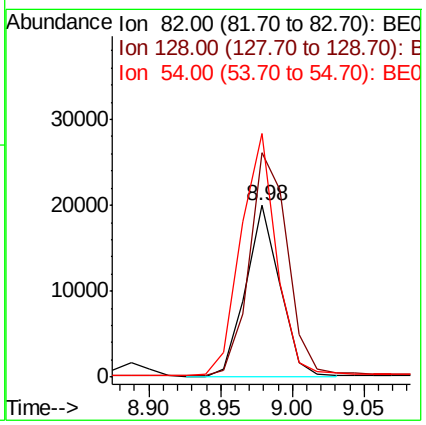


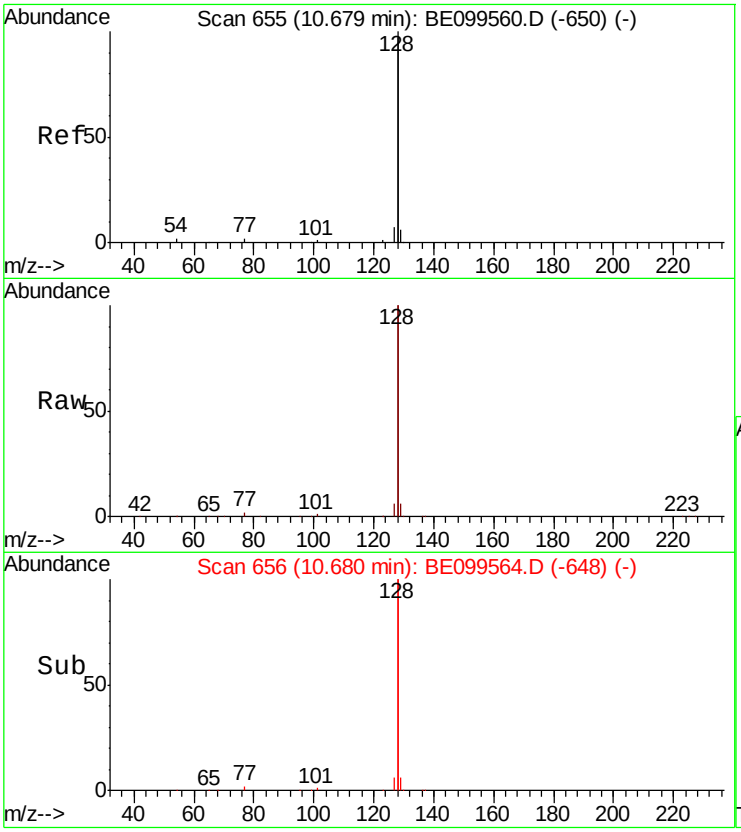


#8
Nitrobenzene-d5
Concen: 5.784 ng
RT: 8.98 min Scan# 525
Delta R.T. 0.00 min
Lab File: BE099564.D
Acq: 7 May 2019 13:13

Tgt Ion: 82 Resp: 33190

Ion	Ratio	Lower	Upper
82	100		
128	130.6	97.6	146.4
54	142.0	127.4	191.2



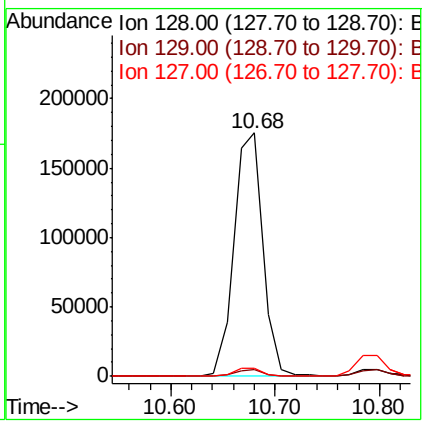


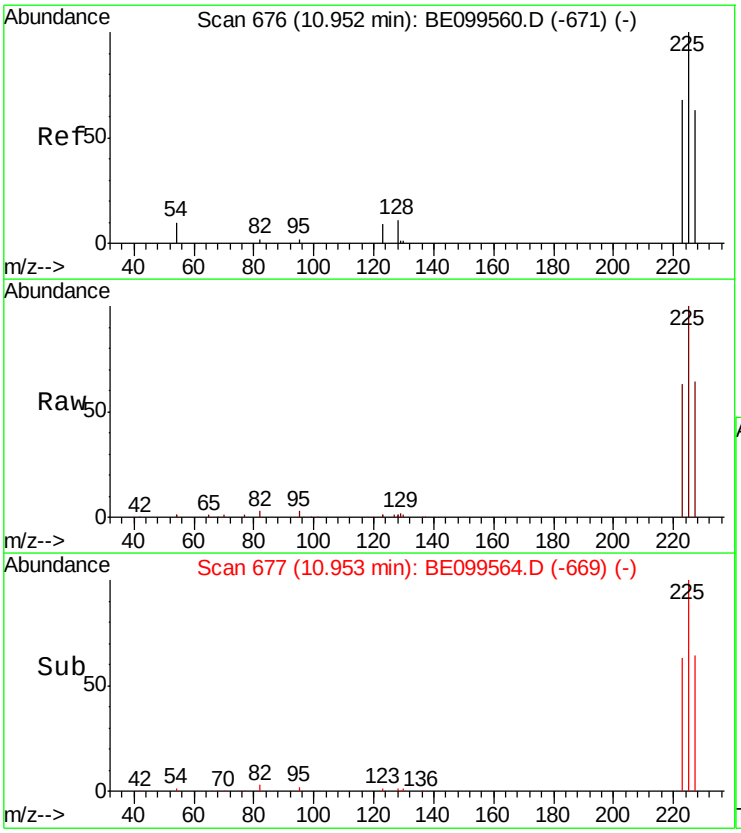
#9
Naphthalene
Concen: 5.045 ng
RT: 10.68 min Scan# 656
Delta R.T. 0.00 min
Lab File: BE099564.D
Acq: 7 May 2019 13:13

Instrument :
BNA_E
ClientSampleId :
SSTDICC5.0

Tgt Ion:128 Resp: 336570

Ion	Ratio	Lower	Upper
128	100		
129	2.8	2.6	3.8
127	3.2	3.0	4.4

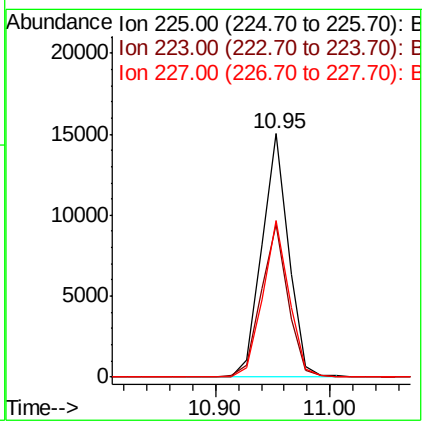


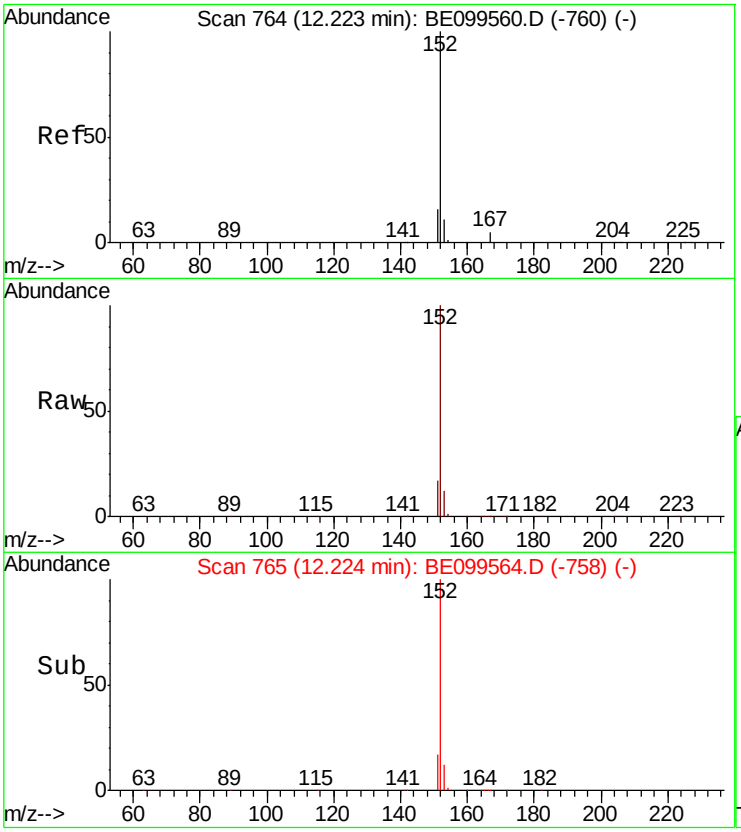


#10
Hexachlorobutadiene
Concen: 5.240 ng
RT: 10.95 min Scan# 677
Delta R.T. 0.00 min
Lab File: BE099564.D
Acq: 7 May 2019 13:13

Tgt Ion:225 Resp: 24320

Ion	Ratio	Lower	Upper
225	100		
223	62.4	53.0	79.6
227	63.4	51.4	77.0



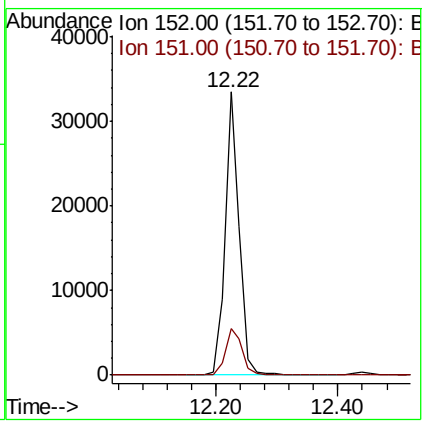


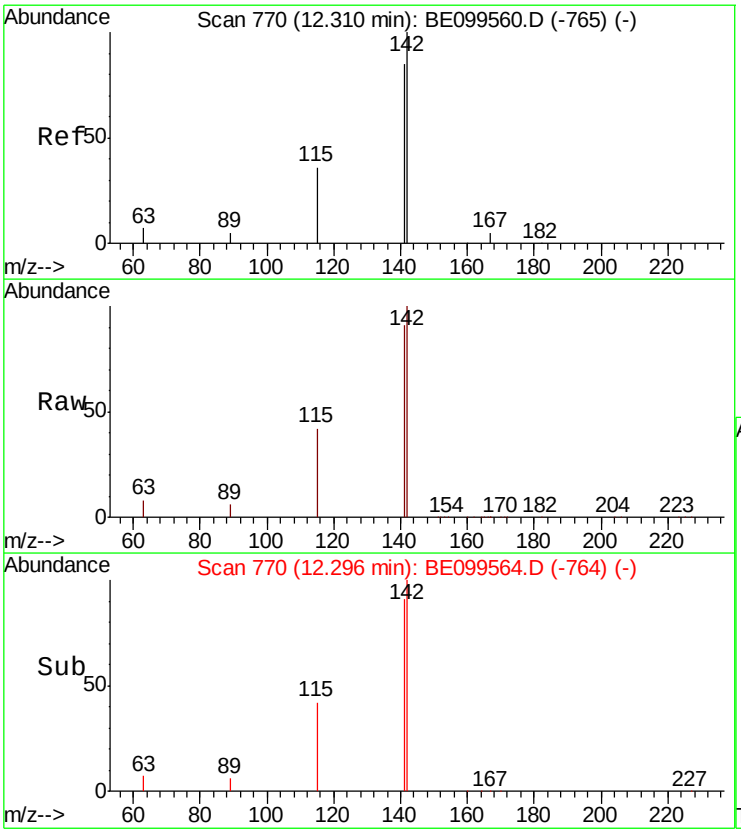
#11
2-Methylnaphthalene-d10
Concen: 4.936 ng
RT: 12.22 min Scan# 765
Delta R.T. 0.00 min
Lab File: BE099564.D
Acq: 7 May 2019 13:13

Instrument :
BNA_E
ClientSampleId :
SSTDICC5.0

Tgt Ion:152 Resp: 54447

Ion	Ratio	Lower	Upper
152	100		
151	19.3	15.8	23.8

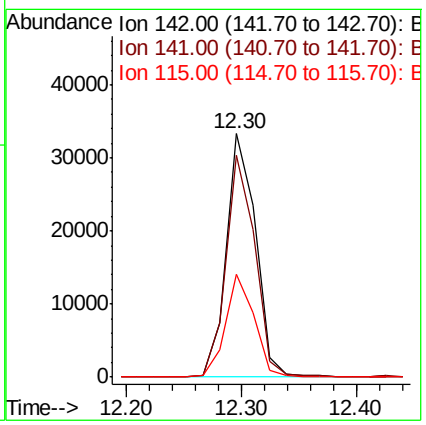


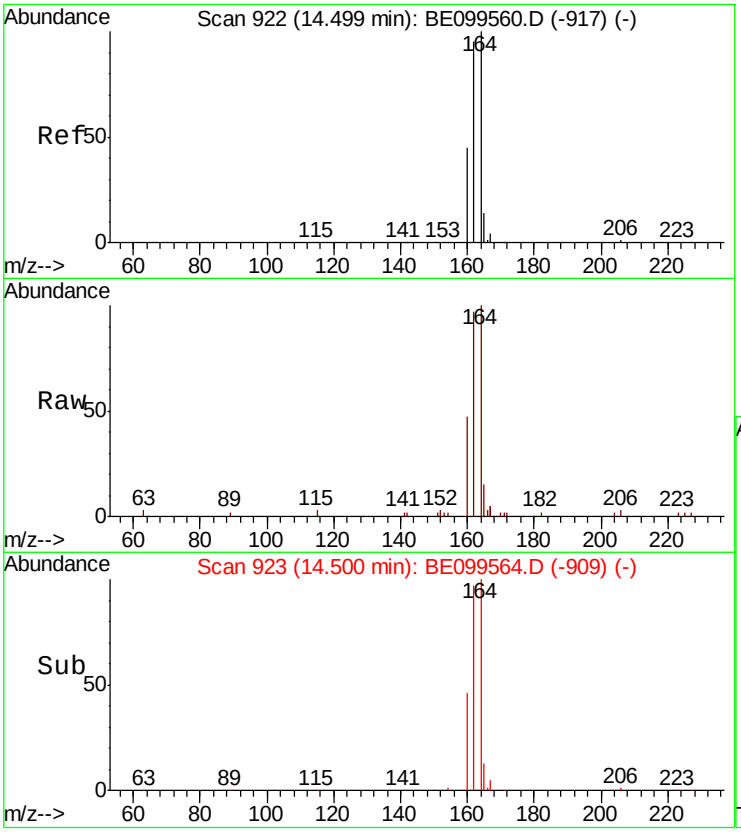


#12
2-Methylnaphthalene
Concen: 5.029 ng
RT: 12.30 min Scan# 770
Delta R.T. -0.01 min
Lab File: BE099564.D
Acq: 7 May 2019 13:13

Tgt Ion:142 Resp: 58346

Ion	Ratio	Lower	Upper
142	100		
141	91.1	68.1	102.1
115	42.1	30.8	46.2



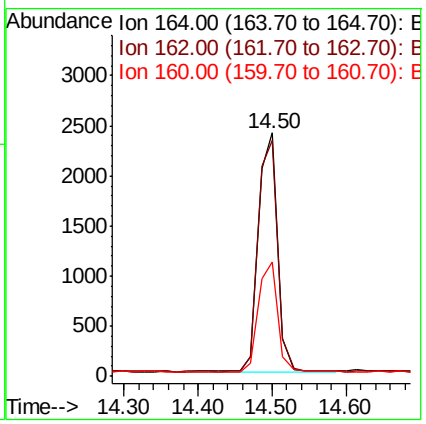


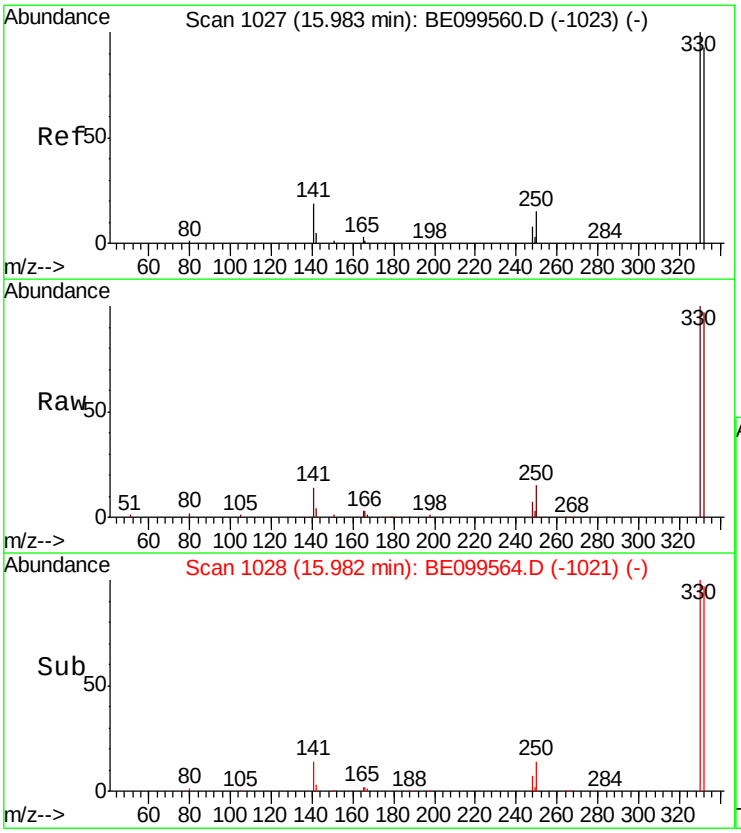
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.50 min Scan# 923
Delta R.T. 0.00 min
Lab File: BE099564.D
Acq: 7 May 2019 13:13

Instrument :
BNA_E
ClientSampleId :
SSTDICC5.0

Tgt Ion:164 Resp: 4262

Ion	Ratio	Lower	Upper
164	100		
162	96.8	76.4	114.6
160	46.7	36.6	55.0

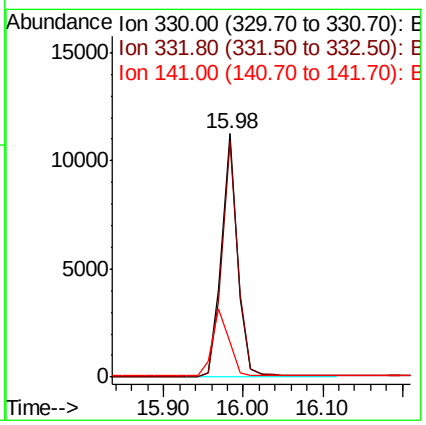


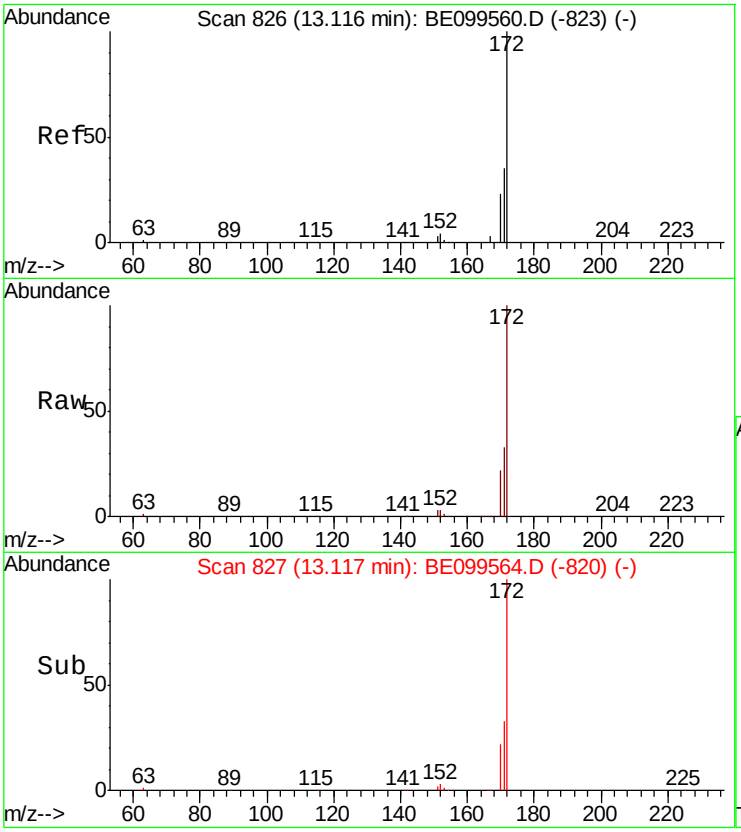


#14
2,4,6-Tribromophenol
Concen: 5.873 ng
RT: 15.98 min Scan# 1028
Delta R.T. -0.00 min
Lab File: BE099564.D
Acq: 7 May 2019 13:13

Tgt Ion:330 Resp: 15768

Ion	Ratio	Lower	Upper
330	100		
332	96.3	77.7	116.5
141	28.5	26.1	39.1



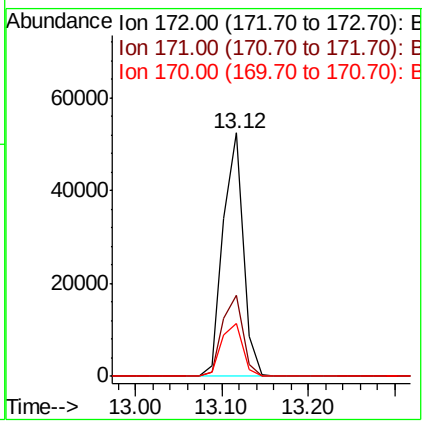


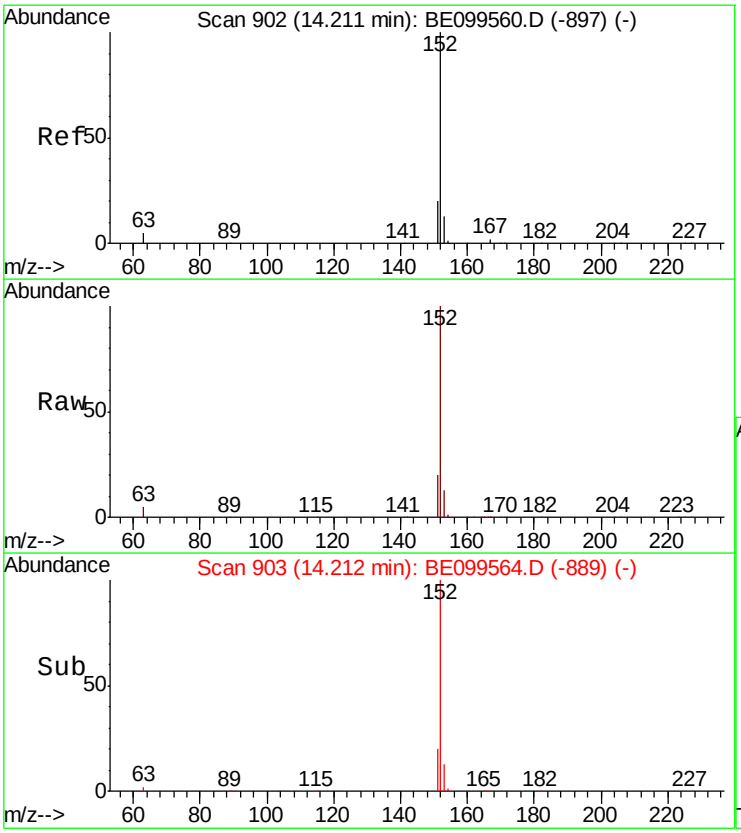
#15
2-Fluorobiphenyl
Concen: 5.215 ng
RT: 13.12 min Scan# 827
Delta R.T. 0.00 min
Lab File: BE099564.D
Acq: 7 May 2019 13:13

Instrument :
BNA_E
ClientSampleId :
SSTDICC5.0

Tgt Ion:172 Resp: 84798

Ion	Ratio	Lower	Upper
172	100		
171	33.2	28.4	42.6
170	22.0	18.8	28.2

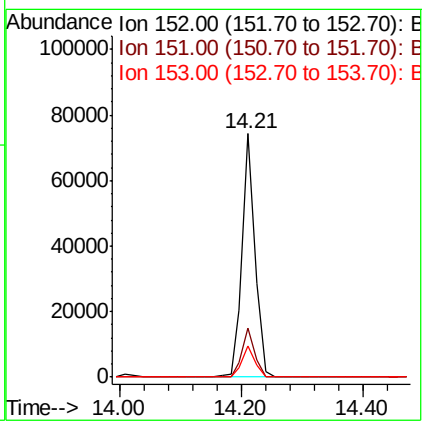


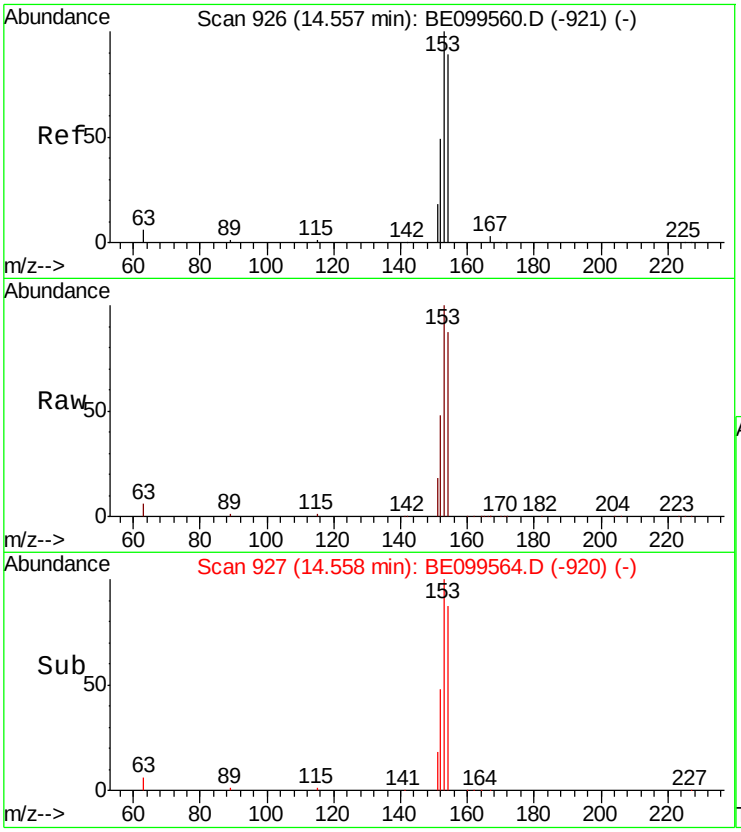


#16
Acenaphthylene
Concen: 5.254 ng
RT: 14.21 min Scan# 903
Delta R.T. 0.00 min
Lab File: BE099564.D
Acq: 7 May 2019 13:13

Tgt Ion:152 Resp: 109583

Ion	Ratio	Lower	Upper
152	100		
151	19.8	15.8	23.8
153	12.9	10.5	15.7



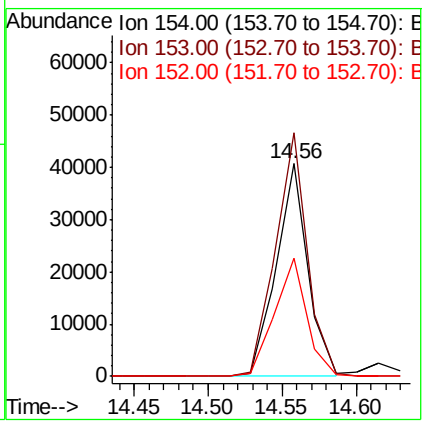


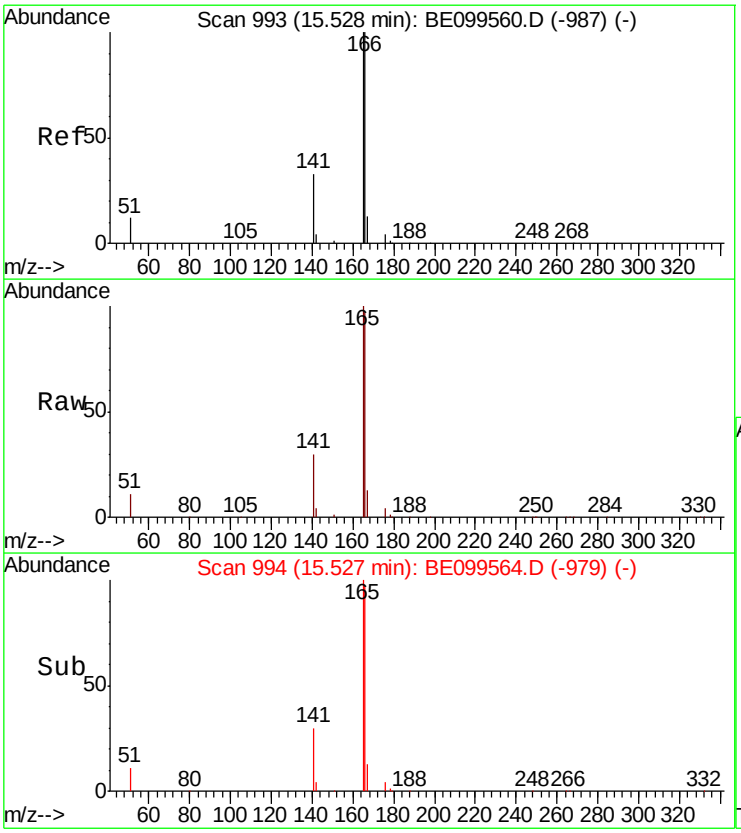
#17
Acenaphthene
Concen: 5.055 ng
RT: 14.56 min Scan# 927
Delta R.T. 0.00 min
Lab File: BE099564.D
Acq: 7 May 2019 13:13

Instrument :
BNA_E
ClientSampleId :
SSTDICC5.0

Tgt Ion:154 Resp: 60198

Ion	Ratio	Lower	Upper
154	100		
153	115.5	89.7	134.5
152	56.1	43.9	65.9

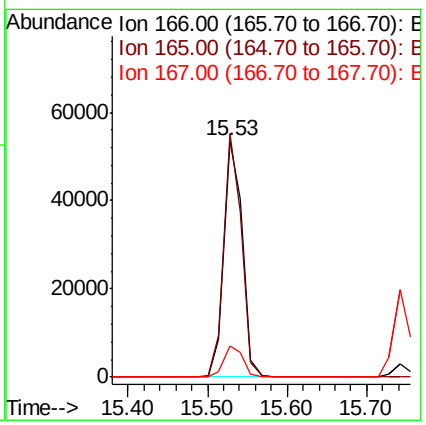


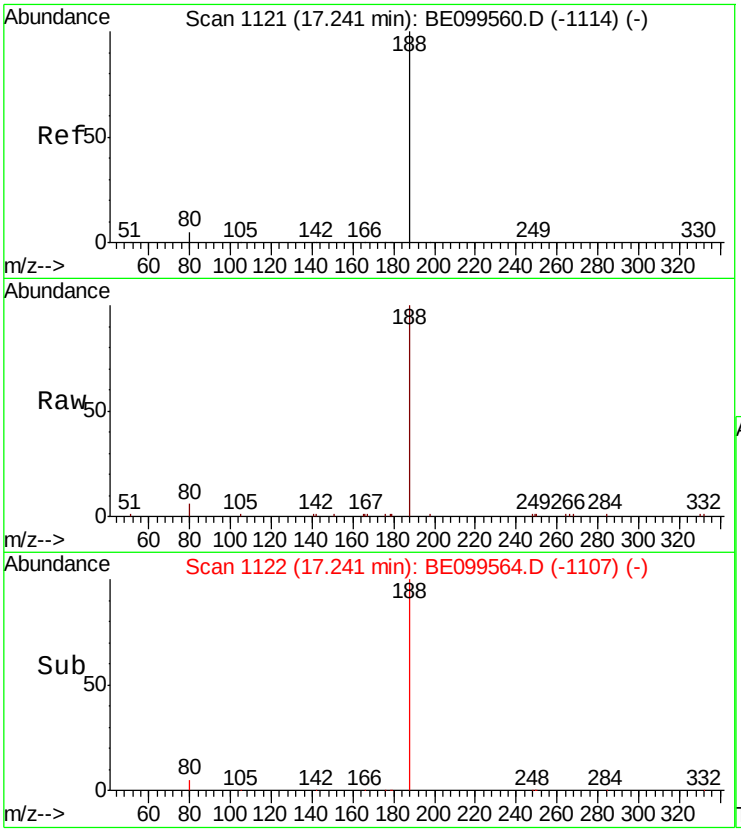


#18
Fluorene
Concen: 4.893 ng
RT: 15.53 min Scan# 994
Delta R.T. -0.00 min
Lab File: BE099564.D
Acq: 7 May 2019 13:13

Tgt Ion:166 Resp: 85966

Ion	Ratio	Lower	Upper
166	100		
165	99.4	79.0	118.6
167	13.3	11.5	17.3



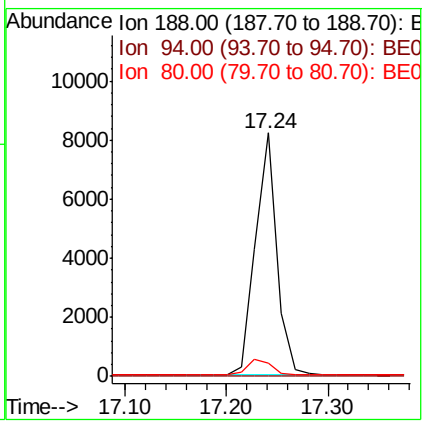


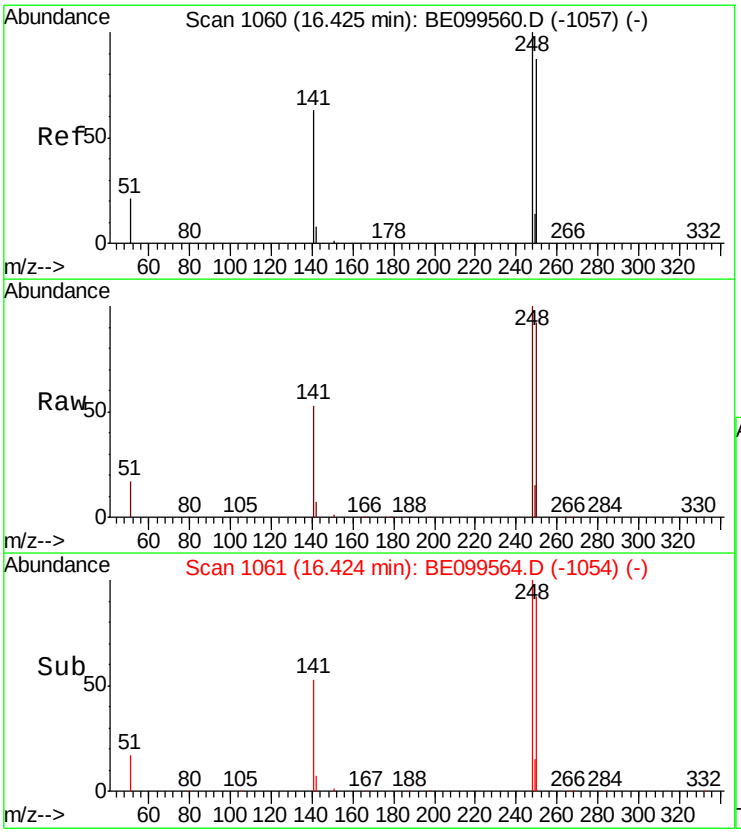
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.24 min Scan# 1122
Delta R.T. -0.00 min
Lab File: BE099564.D
Acq: 7 May 2019 13:13

Instrument :
BNA_E
ClientSampleId :
SSTDICC5.0

Tgt Ion:188 Resp: 12079

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	5.6	4.6	7.0

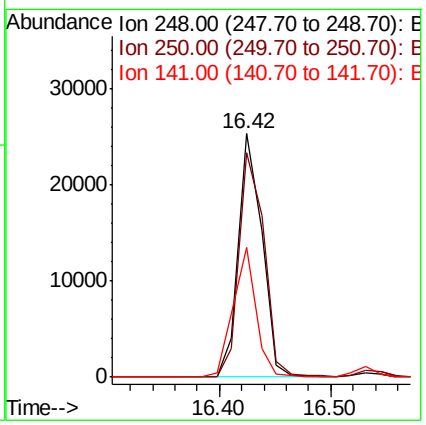


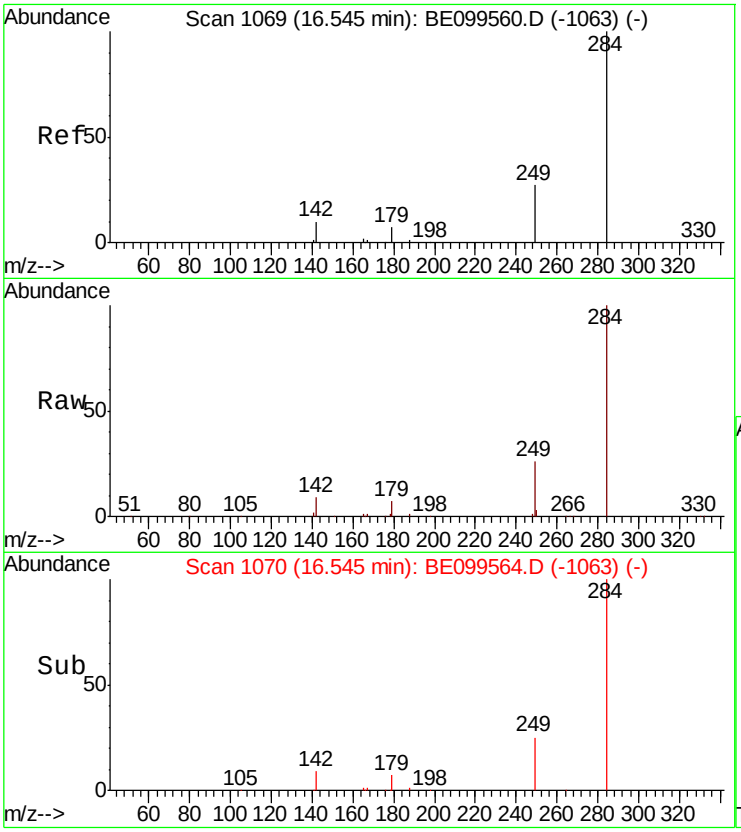


#20
4-Bromophenyl-phenylether
Concen: 5.281 ng
RT: 16.42 min Scan# 1061
Delta R.T. -0.00 min
Lab File: BE099564.D
Acq: 7 May 2019 13:13

Tgt Ion:248 Resp: 37131

Ion	Ratio	Lower	Upper
248	100		
250	92.1	70.0	105.0
141	53.5	51.8	77.8



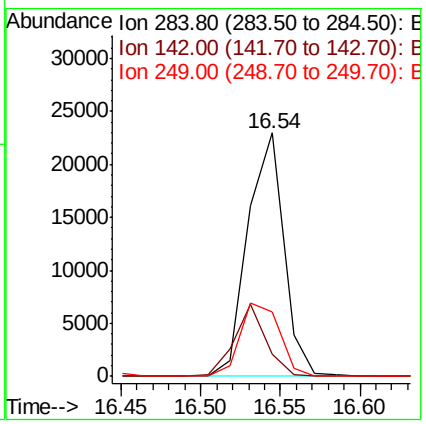


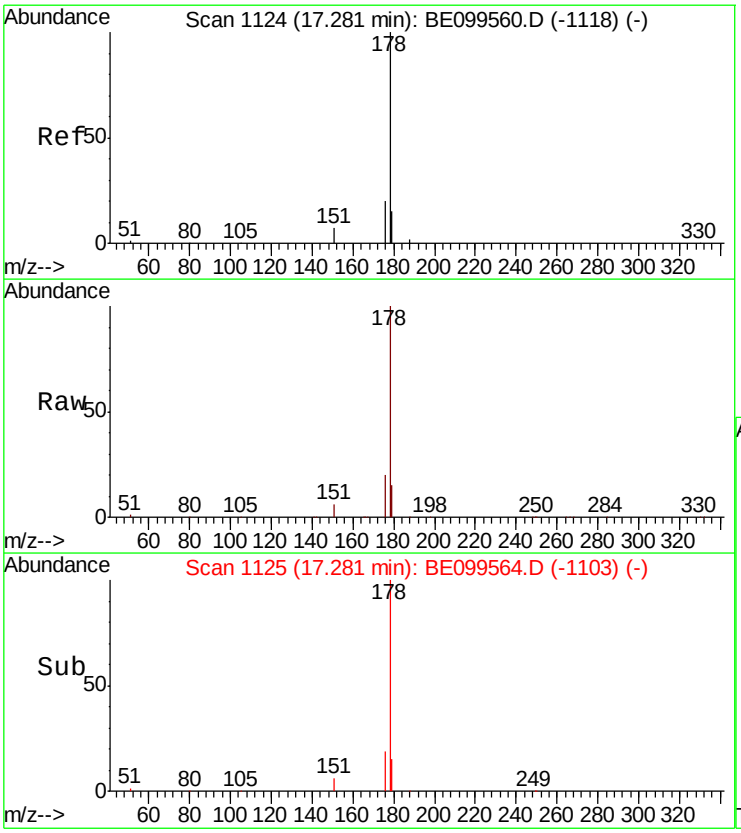
#21
Hexachlorobenzene
Concen: 5.335 ng
RT: 16.54 min Scan# 1070
Delta R.T. -0.00 min
Lab File: BE099564.D
Acq: 7 May 2019 13:13

Instrument :
BNA_E
ClientSampleId :
SSTDICC5.0

Tgt Ion:284 Resp: 35754

Ion	Ratio	Lower	Upper
284	100		
142	25.8	19.5	29.3
249	32.5	26.2	39.2

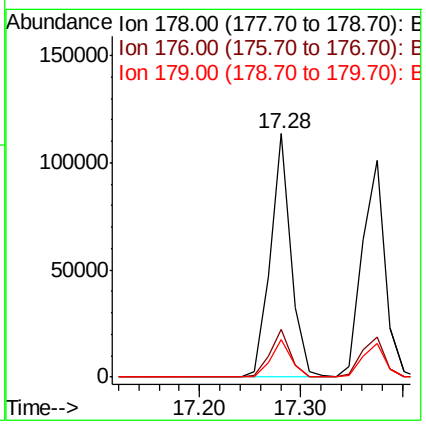


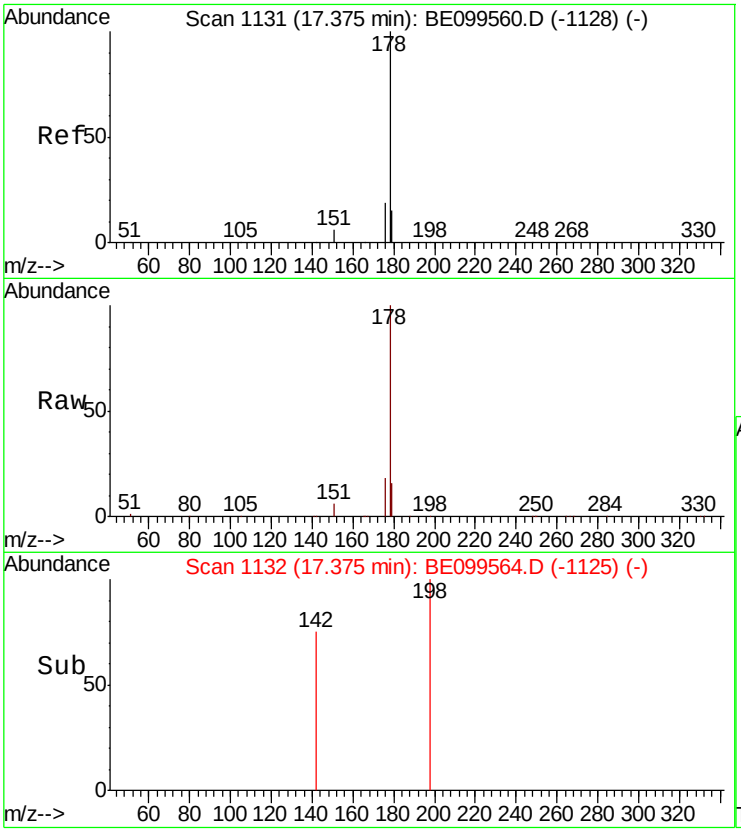


#23
Phenanthrene
Concen: 5.115 ng
RT: 17.28 min Scan# 1125
Delta R.T. -0.00 min
Lab File: BE099564.D
Acq: 7 May 2019 13:13

Tgt Ion:178 Resp: 159425

Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.8	23.6
179	15.2	12.5	18.7



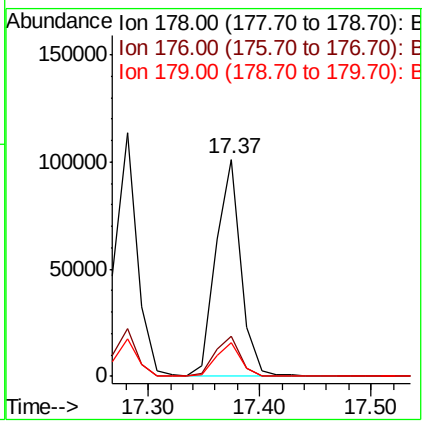


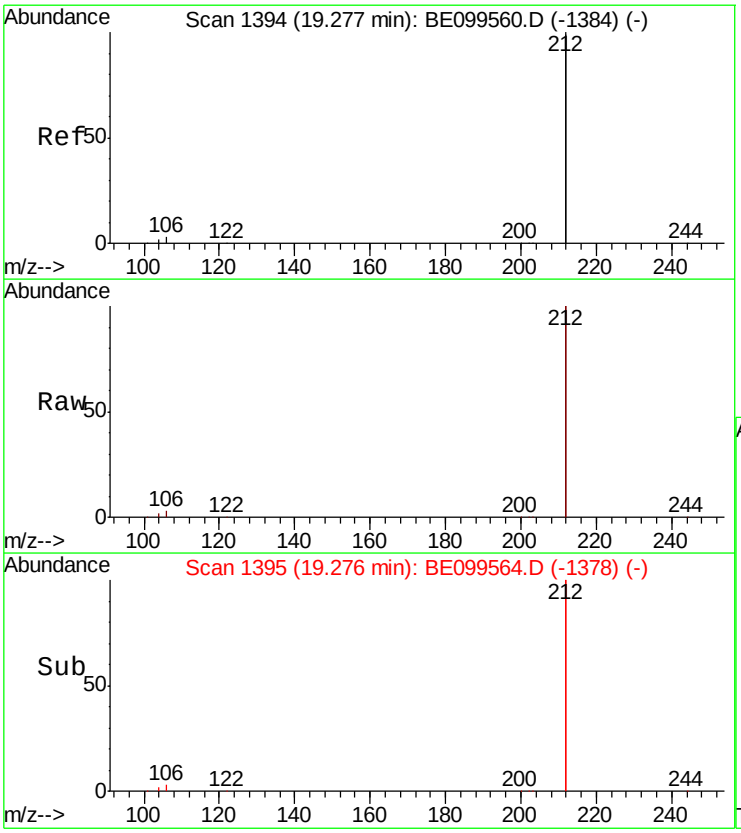
#24
Anthracene
Concen: 5.285 ng
RT: 17.37 min Scan# 1132
Delta R.T. -0.00 min
Lab File: BE099564.D
Acq: 7 May 2019 13:13

Instrument :
BNA_E
ClientSampleId :
SSTDICC5.0

Tgt Ion:178 Resp: 156998

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.3	22.9
179	15.5	12.2	18.4

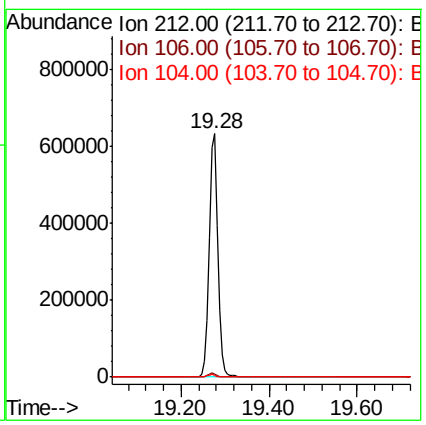


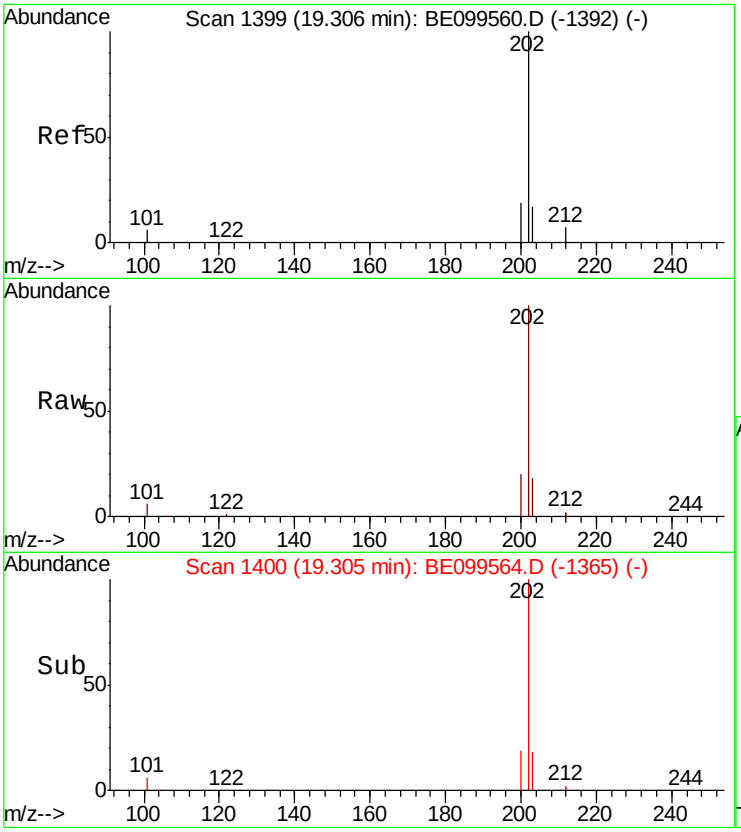


#25
Fluoranthene-d10
Concen: 5.227 ng
RT: 19.28 min Scan# 1395
Delta R.T. -0.00 min
Lab File: BE099564.D
Acq: 7 May 2019 13:13

Tgt Ion:212 Resp: 850977

Ion	Ratio	Lower	Upper
212	100		
106	1.7	1.4	2.0
104	1.0	0.8	1.2



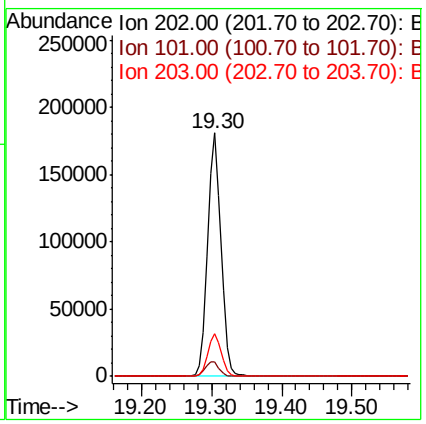


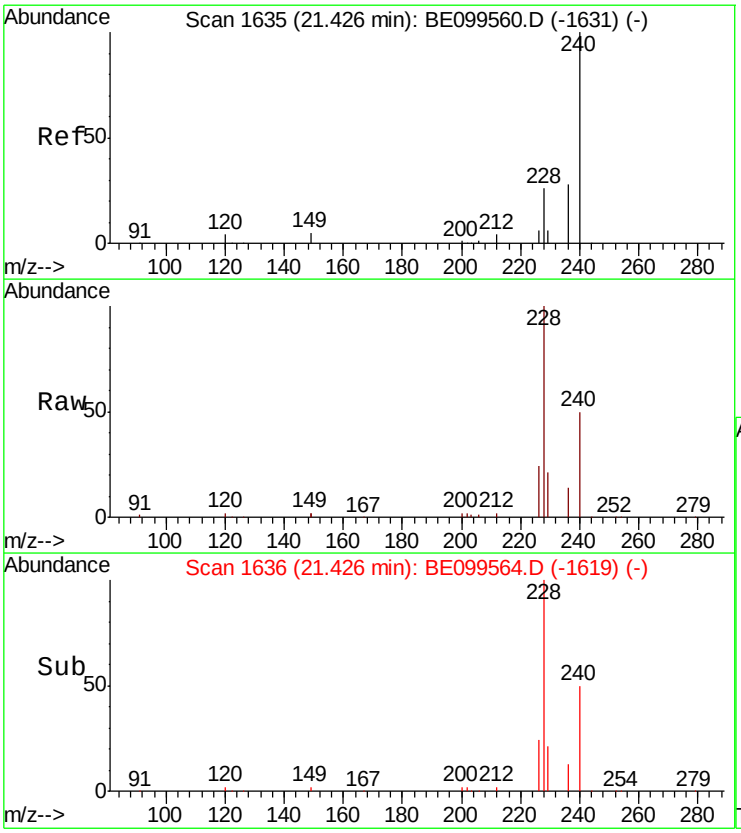
#26
Fluoranthene
Concen: 5.142 ng
RT: 19.30 min Scan# 1400
Delta R.T. -0.00 min
Lab File: BE099564.D
Acq: 7 May 2019 13:13

Instrument :
BNA_E
ClientSampleId :
SSTDICC5.0

Tgt Ion:202 Resp: 240046

Ion	Ratio	Lower	Upper
202	100		
101	6.5	5.3	7.9
203	17.5	13.4	20.2

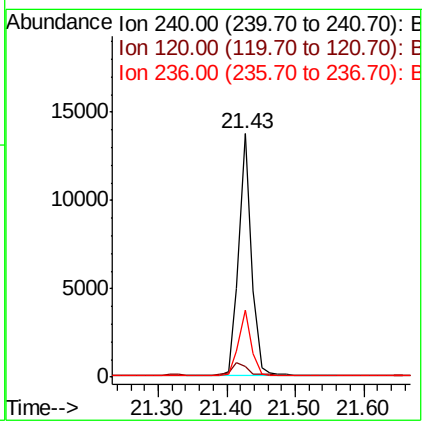


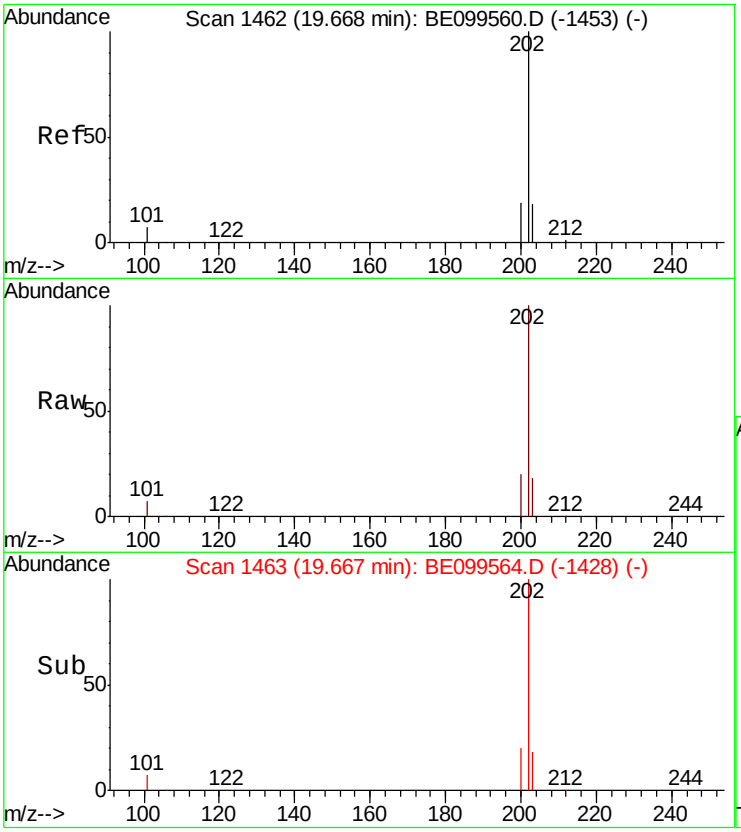


#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.43 min Scan# 1636
Delta R.T. -0.00 min
Lab File: BE099564.D
Acq: 7 May 2019 13:13

Tgt Ion:240 Resp: 17953

Ion	Ratio	Lower	Upper
240	100		
120	4.2	3.8	5.6
236	27.3	22.5	33.7



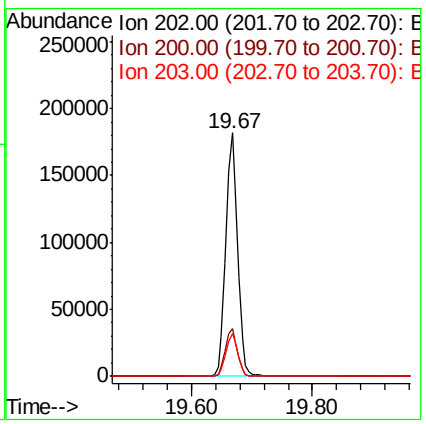


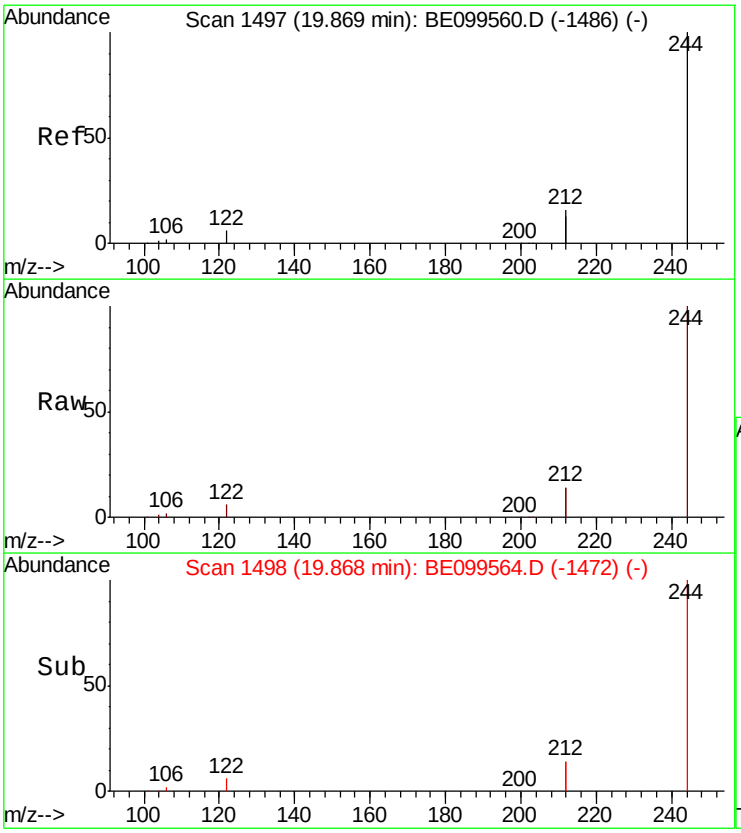
#28
Pyrene
Concen: 5.297 ng
RT: 19.67 min Scan# 1463
Delta R.T. -0.00 min
Lab File: BE099564.D
Acq: 7 May 2019 13:13

Instrument :
BNA_E
ClientSampleId :
SSTDICC5.0

Tgt Ion:202 Resp: 247908

Ion	Ratio	Lower	Upper
202	100		
200	19.8	15.8	23.6
203	17.7	14.1	21.1

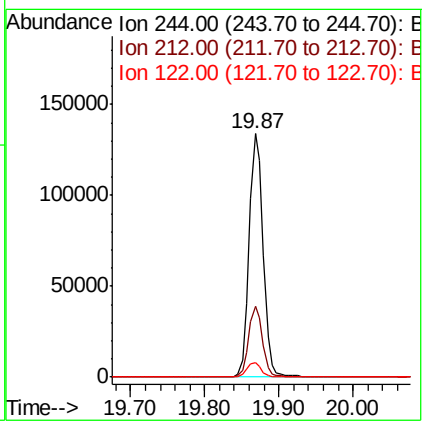


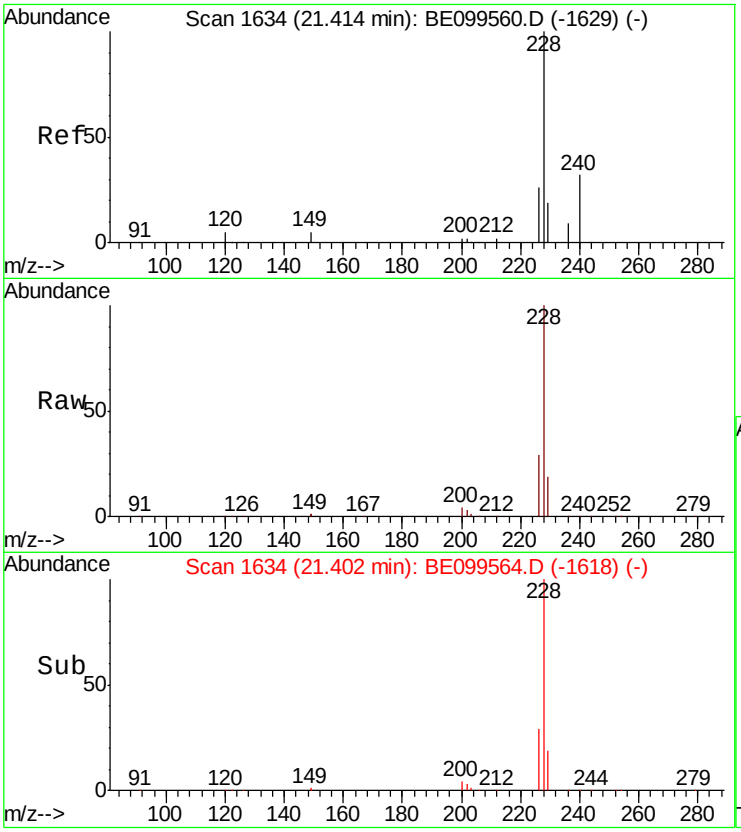


#29
Terphenyl-d14
Concen: 5.321 ng
RT: 19.87 min Scan# 1498
Delta R.T. -0.00 min
Lab File: BE099564.D
Acq: 7 May 2019 13:13

Tgt Ion:244 Resp: 174937

Ion	Ratio	Lower	Upper
244	100		
212	29.0	24.6	37.0
122	5.8	5.0	7.6



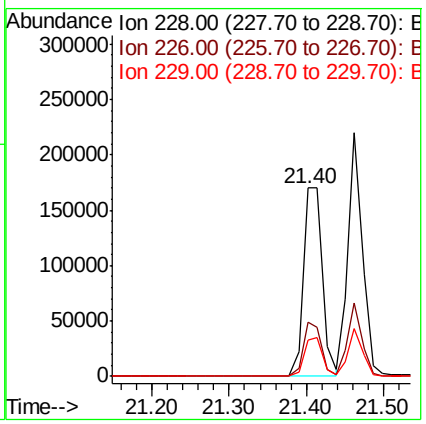


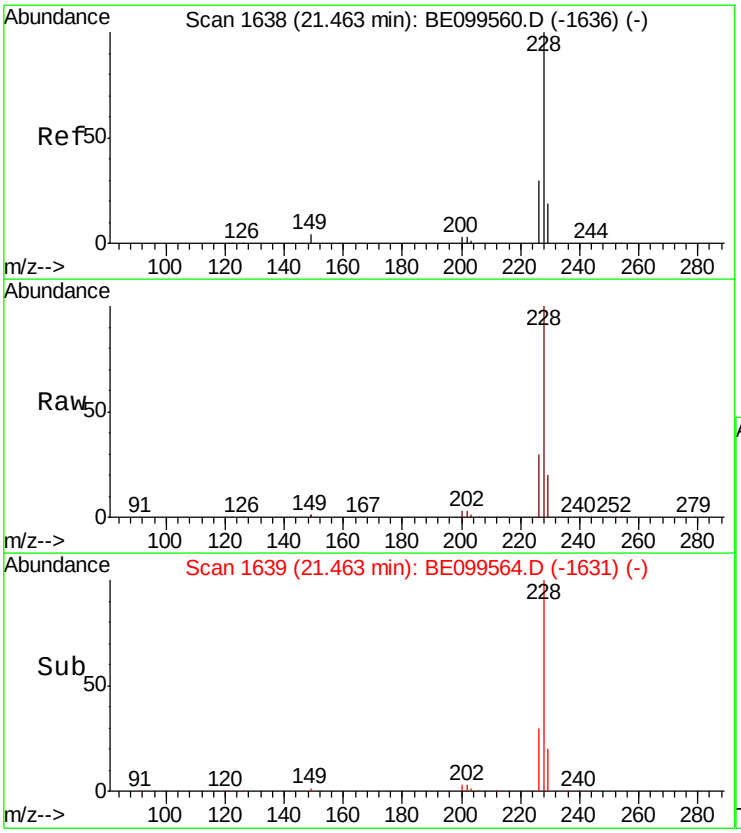
#30
Benzo(a)anthracene
Concen: 5.033 ng
RT: 21.40 min Scan# 1634
Delta R.T. -0.01 min
Lab File: BE099564.D
Acq: 7 May 2019 13:13

Instrument :
BNA_E
ClientSampleId :
SSTDICC5.0

Tgt Ion:228 Resp: 287899

Ion	Ratio	Lower	Upper
228	100		
226	28.5	20.9	31.3
229	19.2	16.1	24.1

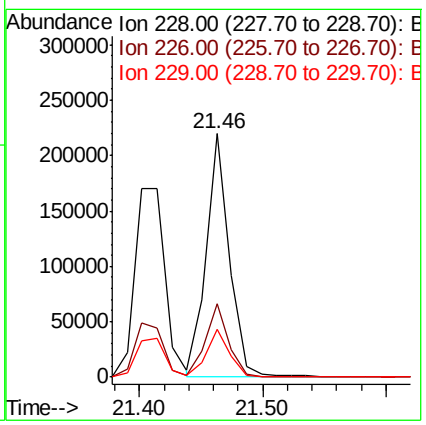


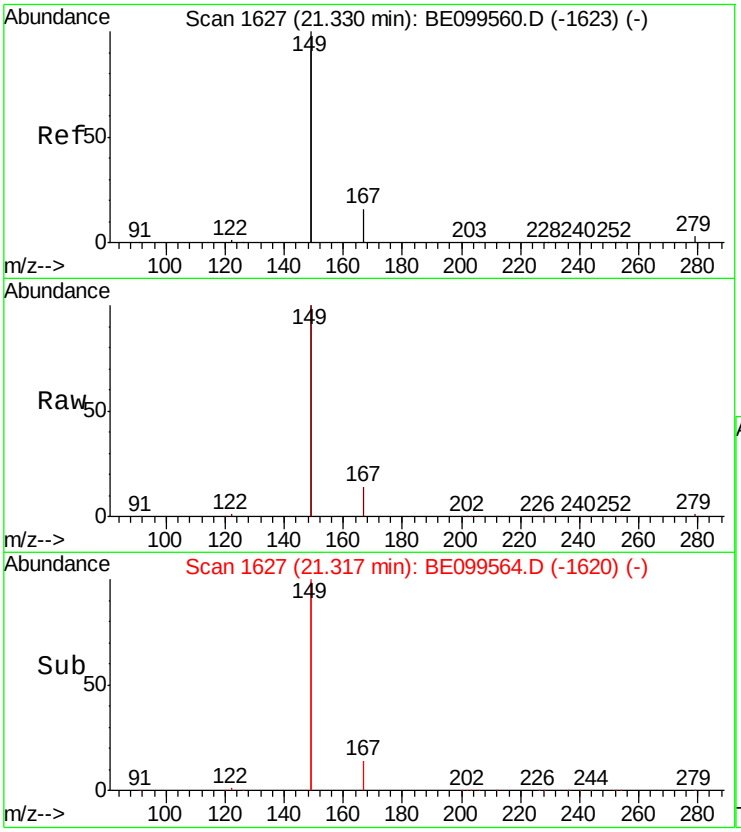


#31
Chrysene
Concen: 5.071 ng
RT: 21.46 min Scan# 1639
Delta R.T. -0.00 min
Lab File: BE099564.D
Acq: 7 May 2019 13:13

Tgt Ion:228 Resp: 283831

Ion	Ratio	Lower	Upper
228	100		
226	30.3	24.2	36.4
229	19.7	15.8	23.6



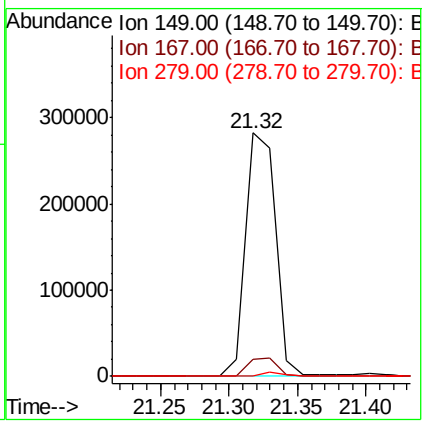


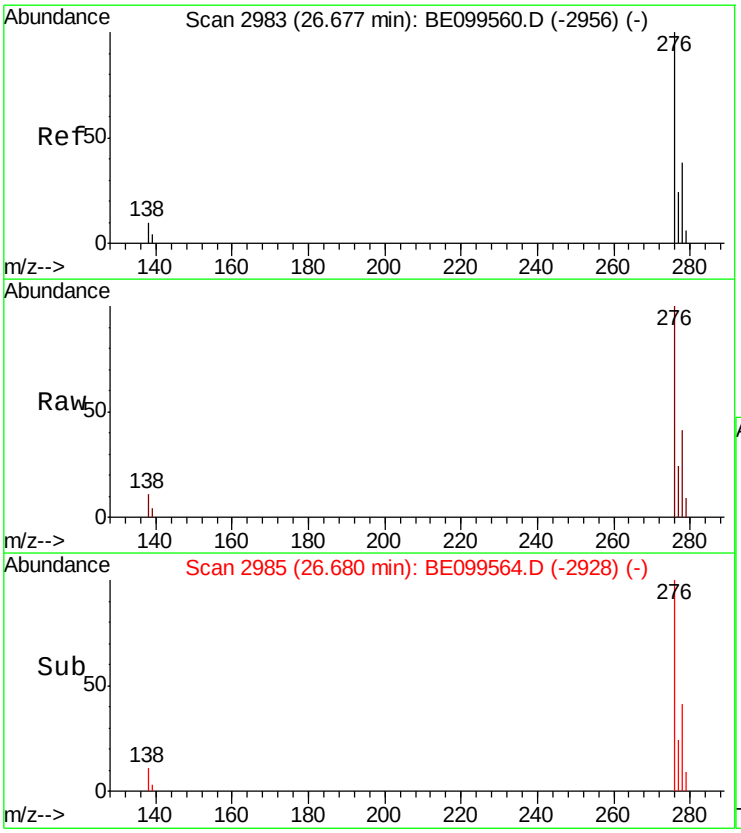
#32
Bis(2-ethylhexyl)phthalate
Concen: 4.255 ng
RT: 21.32 min Scan# 1627
Delta R.T. -0.01 min
Lab File: BE099564.D
Acq: 7 May 2019 13:13

Instrument :
BNA_E
ClientSampleId :
SSTDICC5.0

Tgt Ion:149 Resp: 423232

Ion	Ratio	Lower	Upper
149	100		
167	7.5	6.1	9.1
279	1.4	1.3	1.9

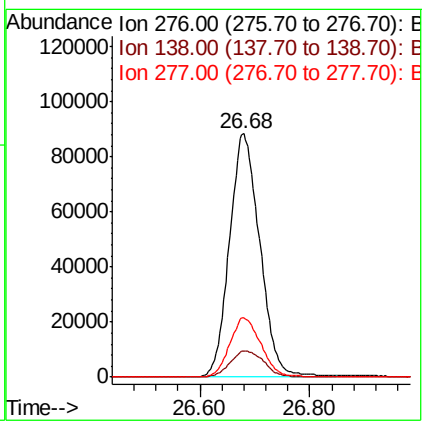


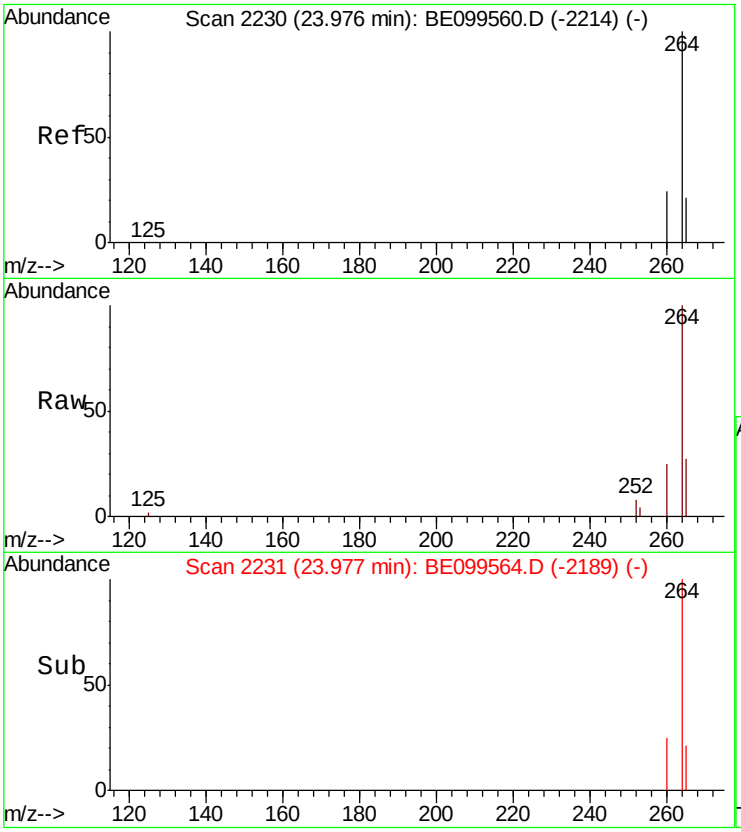


#33
Indeno(1,2,3-cd)pyrene
Concen: 5.112 ng
RT: 26.68 min Scan# 2985
Delta R.T. 0.00 min
Lab File: BE099564.D
Acq: 7 May 2019 13:13

Tgt Ion:276 Resp: 338222

Ion	Ratio	Lower	Upper
276	100		
138	11.8	9.5	14.3
277	24.8	19.7	29.5



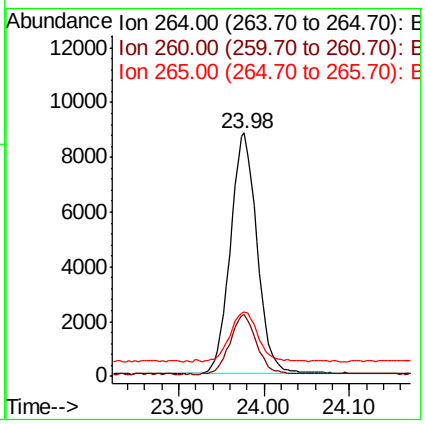


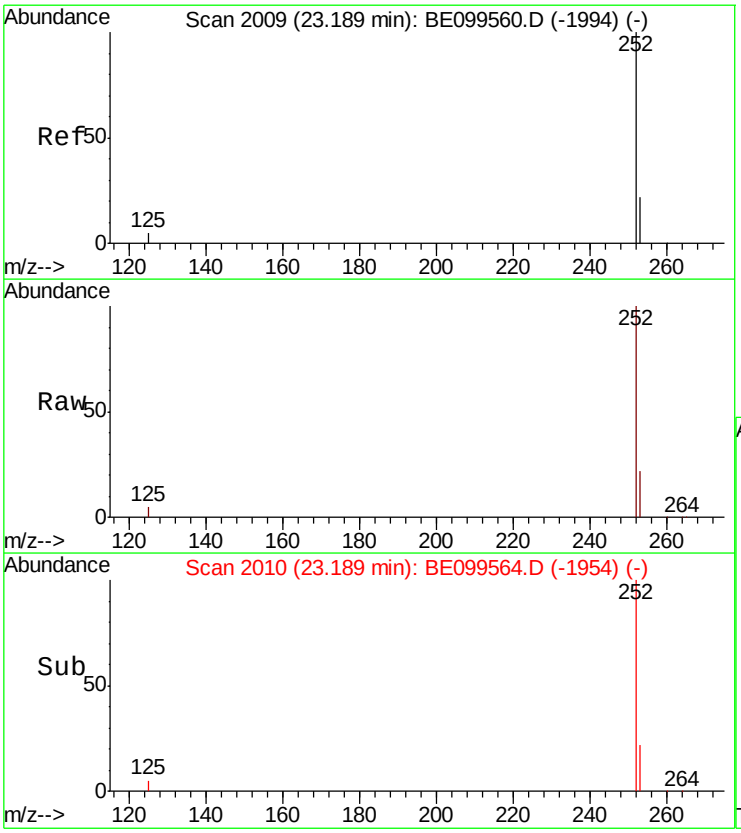
#34
Perylene-d12
Concen: 0.400 ng
RT: 23.98 min Scan# 2231
Delta R.T. 0.00 min
Lab File: BE099564.D
Acq: 7 May 2019 13:13

Instrument :
BNA_E
ClientSampleId :
SSTDICC5.0

Tgt Ion:264 Resp: 19185

Ion	Ratio	Lower	Upper
264	100		
260	25.3	19.9	29.9
265	26.7	22.2	33.2

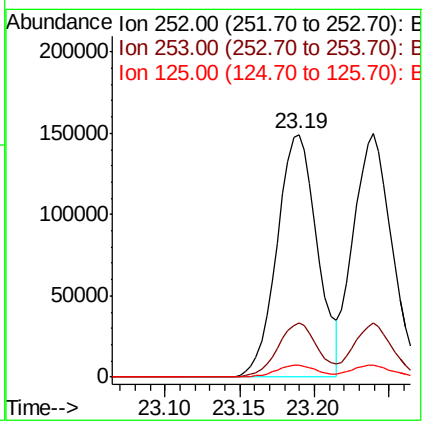


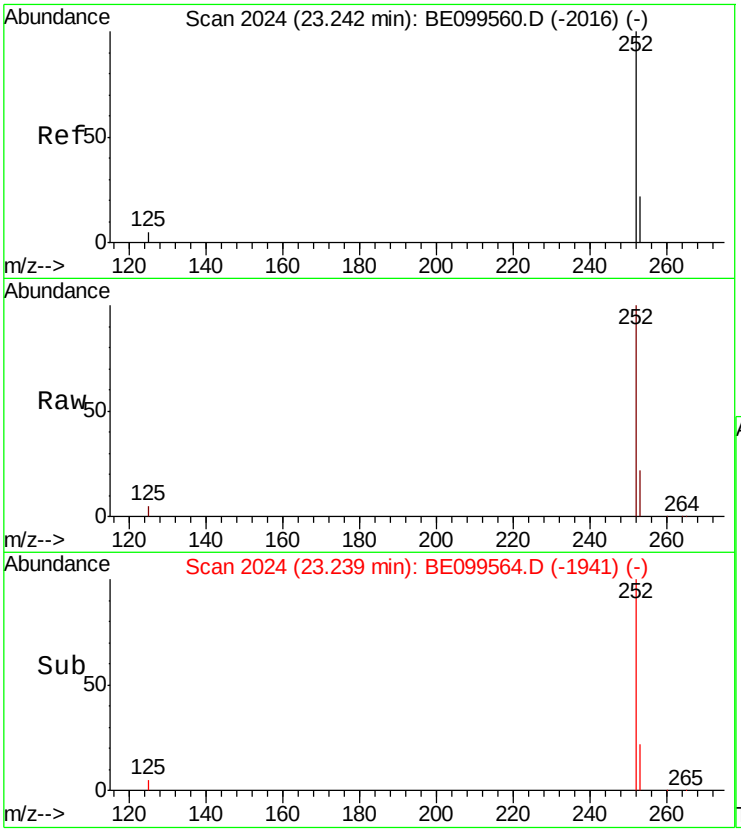


#35
Benzo(b)fluoranthene
Concen: 5.058 ng
RT: 23.19 min Scan# 2010
Delta R.T. 0.00 min
Lab File: BE099564.D
Acq: 7 May 2019 13:13

Tgt Ion:252 Resp: 279831

Ion	Ratio	Lower	Upper
252	100		
253	22.5	19.0	28.4
125	5.0	5.8	8.6#



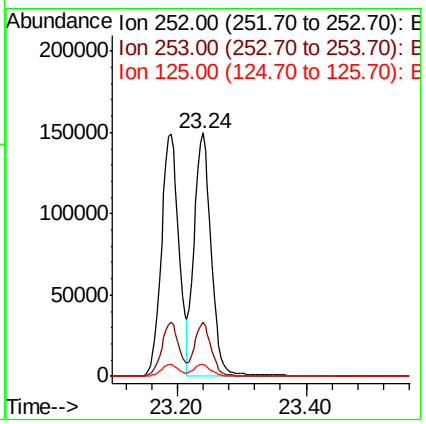


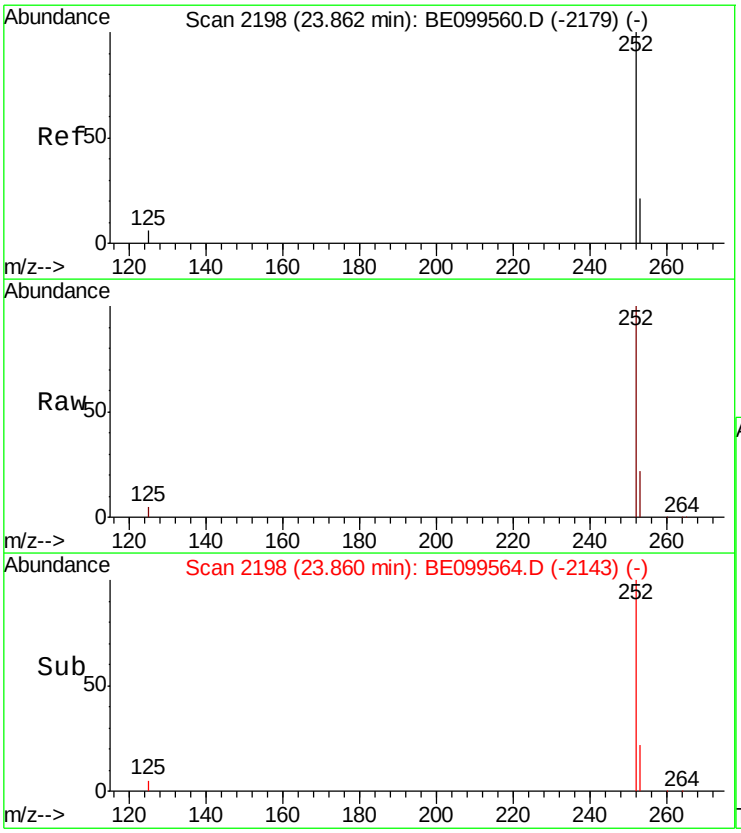
#36
Benzo(k)fluoranthene
Concen: 5.104 ng
RT: 23.24 min Scan# 2024
Delta R.T. -0.00 min
Lab File: BE099564.D
Acq: 7 May 2019 13:13

Instrument :
BNA_E
ClientSampleId :
SSTDICC5.0

Tgt Ion:252 Resp: 272272

Ion	Ratio	Lower	Upper
252	100		
253	22.0	19.1	28.7
125	4.8	5.8	8.6#

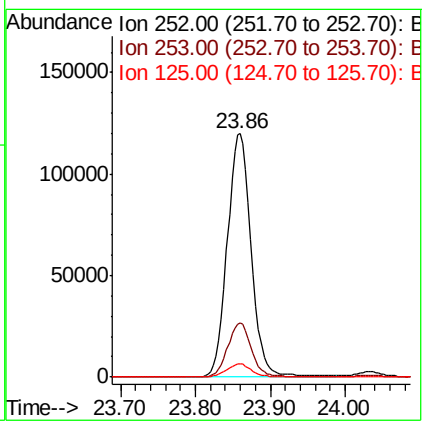


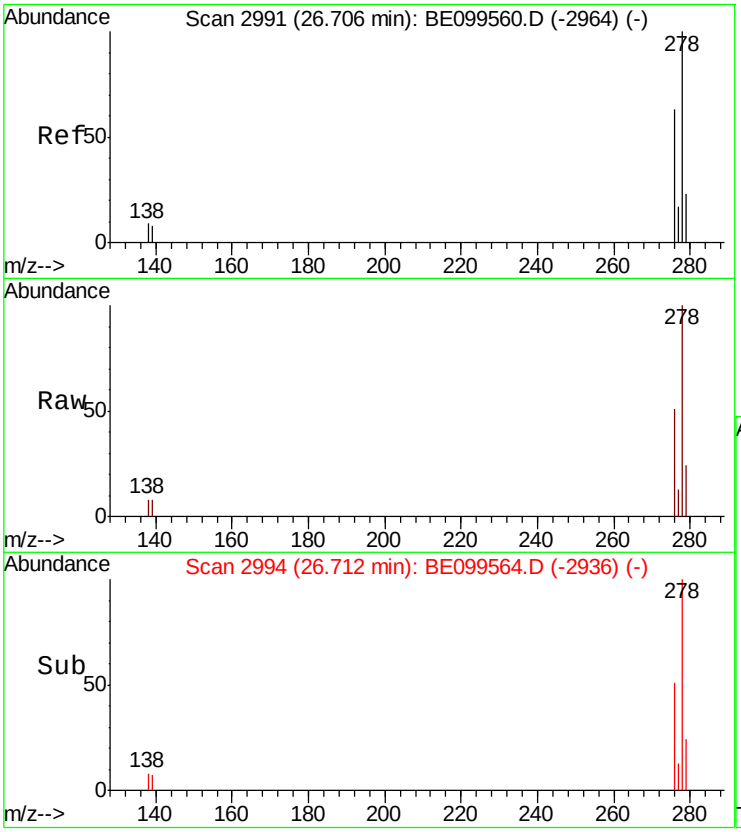


#37
Benzo(a)pyrene
Concen: 5.061 ng
RT: 23.86 min Scan# 2198
Delta R.T. -0.00 min
Lab File: BE099564.D
Acq: 7 May 2019 13:13

Tgt Ion:252 Resp: 264702

Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.9	28.3
125	5.5	6.6	9.8#



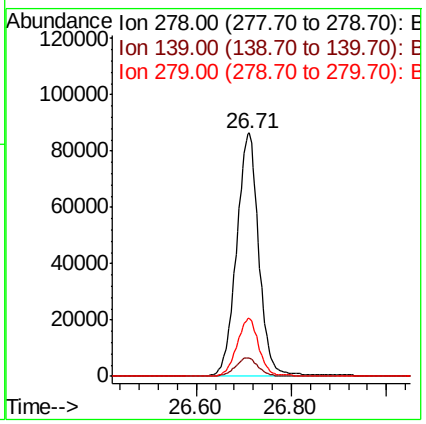


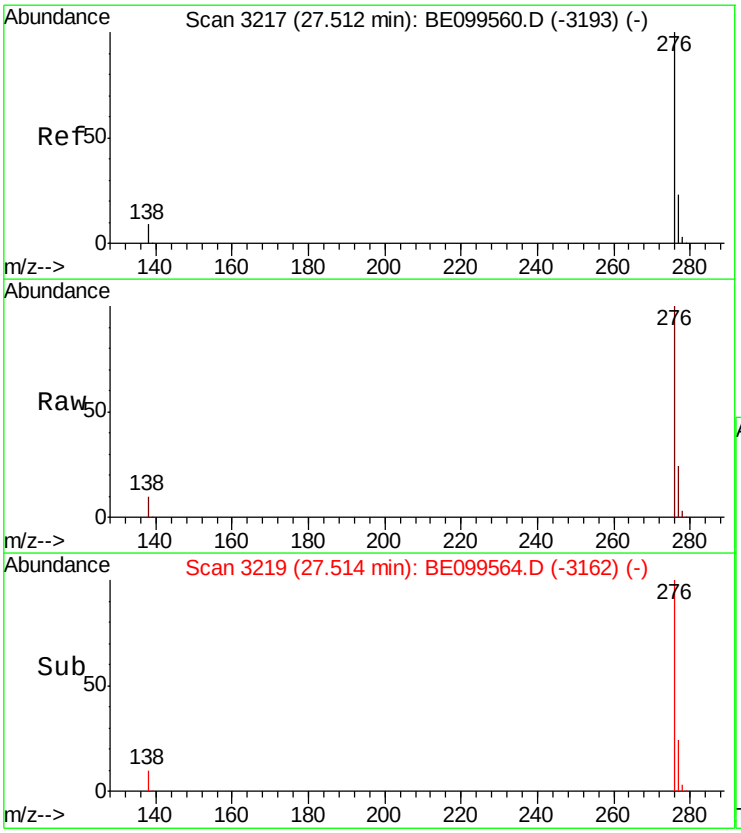
#38
Dibenzo(a,h)anthracene
Concen: 5.213 ng
RT: 26.71 min Scan# 2994
Delta R.T. 0.01 min
Lab File: BE099564.D
Acq: 7 May 2019 13:13

Instrument :
BNA_E
ClientSampleId :
SSTDICC5.0

Tgt Ion:278 Resp: 278911

Ion	Ratio	Lower	Upper
278	100		
139	7.6	7.7	11.5#
279	24.0	21.0	31.4





#39
Benzo(g,h,i)perylene
Concen: 5.134 ng
RT: 27.51 min Scan# 3219
Delta R.T. 0.00 min
Lab File: BE099564.D
Acq: 7 May 2019 13:13

Tgt Ion:276 Resp: 275198

Ion	Ratio	Lower	Upper
276	100		
277	23.8	19.7	29.5
138	10.4	8.6	12.8