Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE050919\
Data File : BE099583.D
Acq On : 9 May 2019 9:57
Operator : JU/SJ
Sample : SSTDICC0.2
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: May 09 11:56:53 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE050919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 09 11:50:46 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	1384	0.40	ng		0.00
7) Naphthalene-d8	10.63	136	5154	0.40	ng		0.00
13) Acenaphthene-d10	14.50	164	3395	0.40	ng		0.00
19) Phenanthrene-d10	17.24	188	9480	0.40	ng		0.00
27) Chrysene-d12	21.43	240	13886	0.40	ng		0.00
34) Perylene-d12	23.97	264	16310	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.39	112	799	0.21	ng		0.00
5) Phenol-d6	6.98	99	1014	0.20	ng		0.00
8) Nitrobenzene-d5	8.98	82	852	0.17	ng		0.00
11) 2-Methylnaphthalene-d10	12.22	152	1674	0.19	ng		0.00
14) 2,4,6-Tribromophenol	15.98	330	353	0.16	ng		0.00
15) 2-Fluorobiphenyl	13.12	172	2573	0.20	ng		0.00
25) Fluoranthene-d10	19.27	212	23547	0.18	ng		0.00
29) Terphenyl-d14	19.87	244	4600	0.18	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.30	88	430	0.220	ng	#	95
3) n-Nitrosodimethylamine	3.65	42	191	0.148	ng	#	82
6) bis(2-Chloroethyl)ether	7.24	93	865	0.206	ng		87
9) Naphthalene	10.68	128	10994	0.201	ng		99
10) Hexachlorobutadiene	10.95	225	800	0.202	ng		95
12) 2-Methylnaphthalene	12.30	142	1694	0.183	ng		96
16) Acenaphthylene	14.21	152	3225	0.197	ng		100
17) Acenaphthene	14.56	154	1790	0.196	ng		100
18) Fluorene	15.53	166	2564	0.196	ng		97
20) 4-Bromophenyl-phenylether	16.42	248	1012	0.188	ng		96
21) Hexachlorobenzene	16.55	284	1058	0.197	ng		98
22) Pentachlorophenol	16.91	266	308	0.140	ng		91
23) Phenanthrene	17.28	178	4525	0.194	ng		100
24) Anthracene	17.38	178	3946	0.176	ng		99
26) Fluoranthene	19.30	202	6608	0.184	ng		100
28) Pyrene	19.67	202	6941	0.187	ng		99
30) Benzo(a)anthracene	21.40	228	8178	0.190	ng		98
31) Chrysene	21.46	228	8344	0.197	ng		99
32) Bis(2-ethylhexyl)phthalate	21.32	149	11772	0.173	ng	#	100
33) Indeno(1,2,3-cd)pyrene	26.67	276	11033	0.219	ng		99
35) Benzo(b)fluoranthene	23.24	252	8525	0.189	ng		98
36) Benzo(k)fluoranthene	23.24	252	8525	0.193	ng	#	97
37) Benzo(a)pyrene	23.86	252	8439	0.195	ng	#	91
38) Dibenzo(a,h)anthracene	26.70	278	8839	0.197	ng	#	95
39) Benzo(g,h,i)perylene	27.50	276	9133	0.203	ng		97

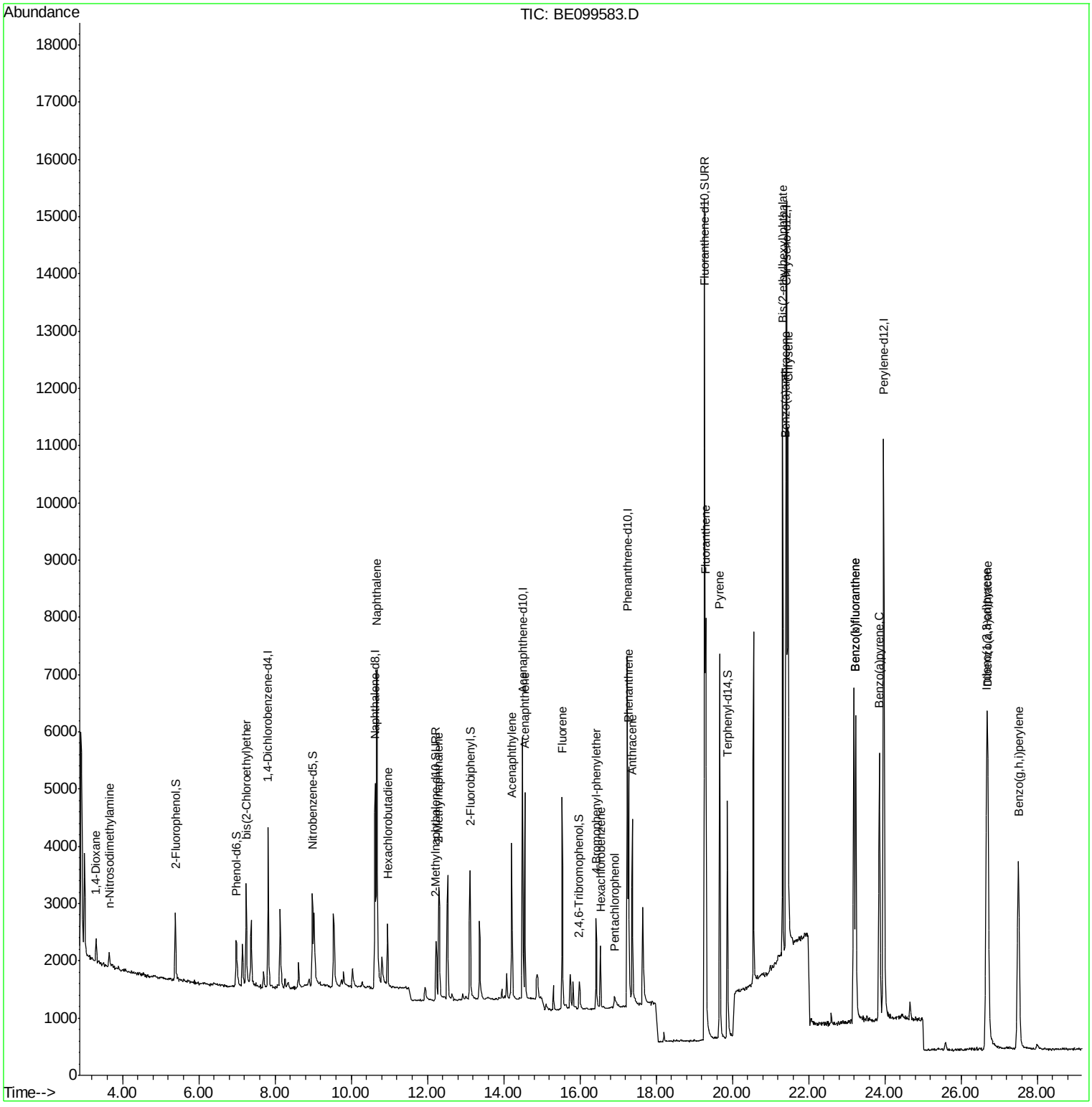
(#) = qualifier out of range (m) = manual integration (+) = signals summed

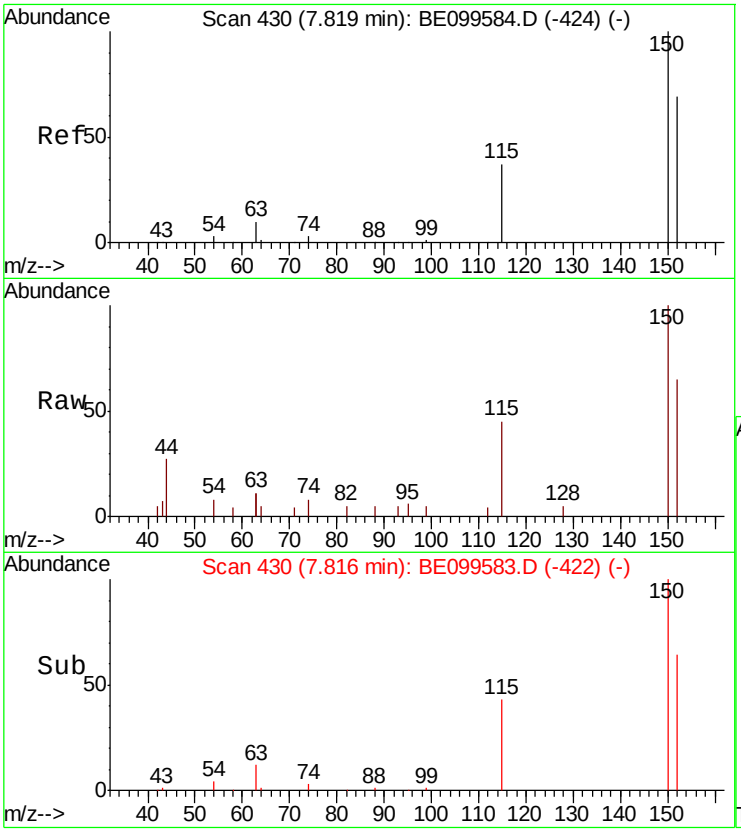
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE050919\
Data File : BE099583.D
Acq On : 9 May 2019 9:57
Operator : JU/SJ
Sample : SSTDICC0.2
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: May 09 11:56:53 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE050919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 09 11:50:46 2019
Response via : Initial Calibration



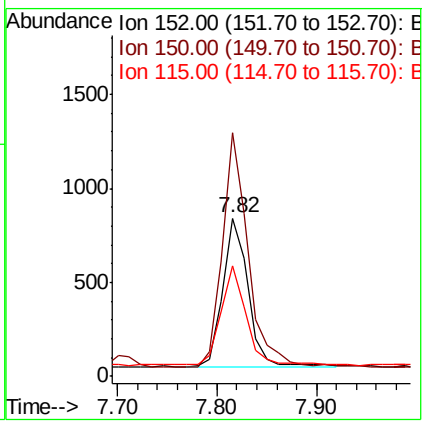


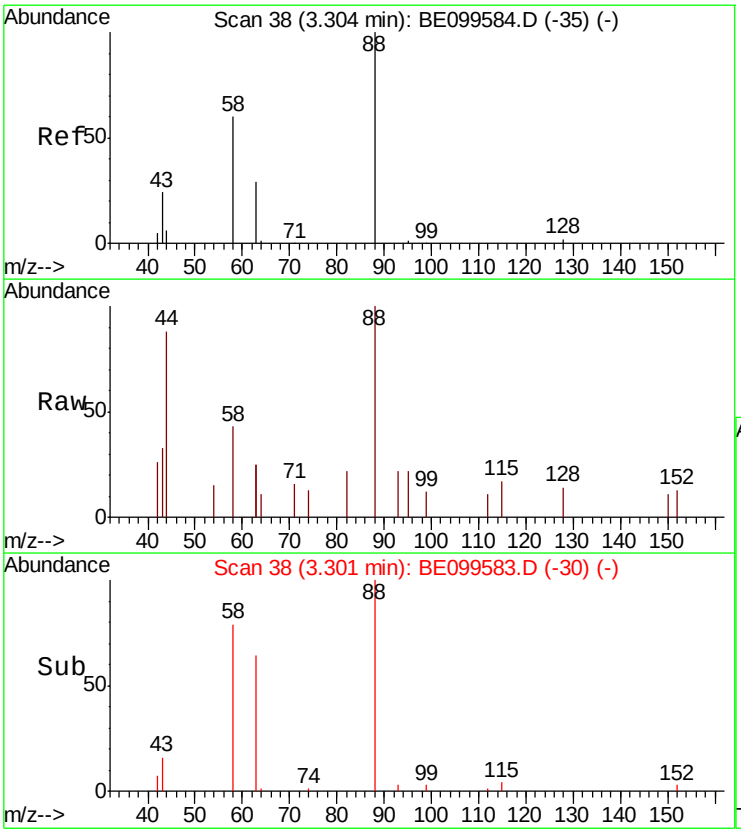
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.82 min Scan# 430
Delta R.T. -0.00 min
Lab File: BE099583.D
Acq: 9 May 2019 9:57

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 1384

Ion	Ratio	Lower	Upper
152	100		
150	154.3	114.2	171.4
115	70.0	45.4	68.0#

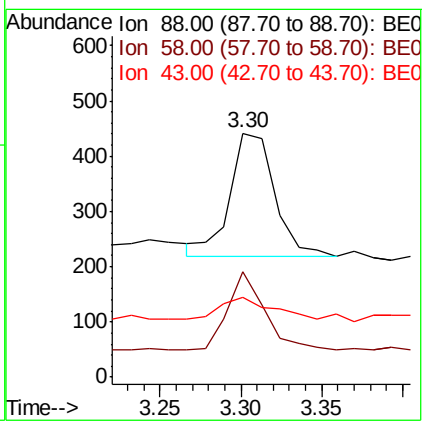


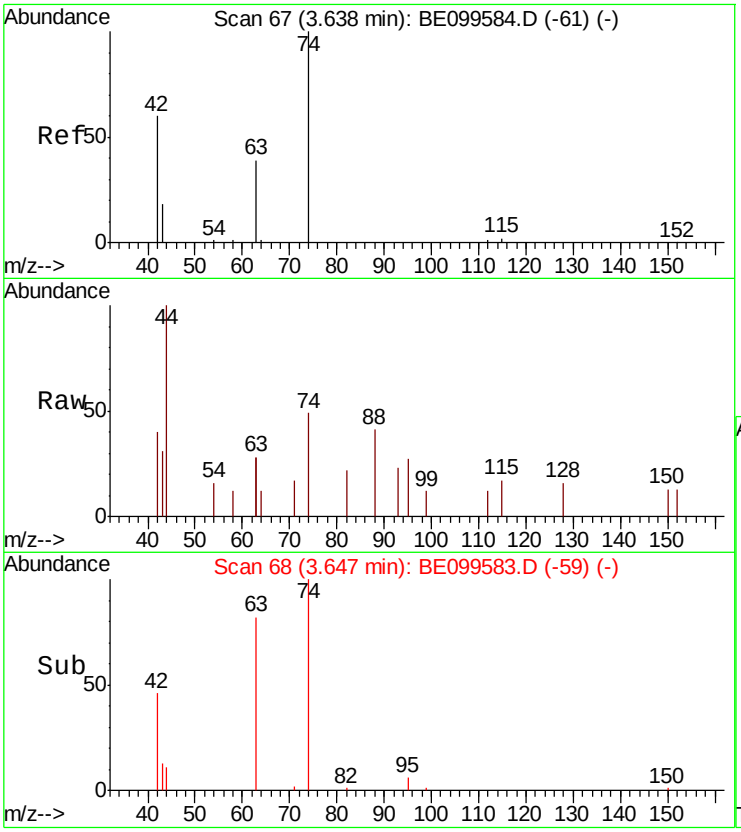


#2
1,4-Dioxane
Concen: 0.220 ng
RT: 3.30 min Scan# 38
Delta R.T. -0.00 min
Lab File: BE099583.D
Acq: 9 May 2019 9:57

Tgt Ion: 88 Resp: 430

Ion	Ratio	Lower	Upper
88	100		
58	51.9	41.3	61.9
43	19.5	21.0	31.6#



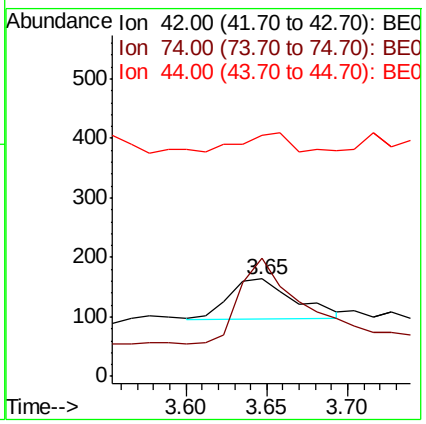


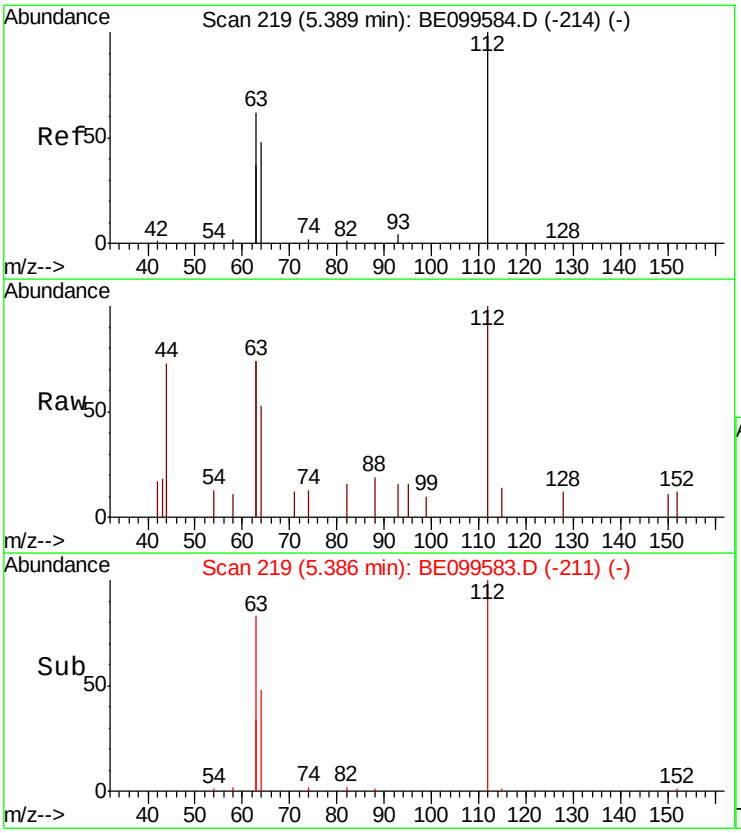
#3
n-Nitrosodimethylamine
Concen: 0.148 ng
RT: 3.65 min Scan# 68
Delta R.T. 0.01 min
Lab File: BE099583.D
Acq: 9 May 2019 9:57

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 42 Resp: 191

Ion	Ratio	Lower	Upper
42	100		
74	193.2	136.9	205.3
44	26.2	7.1	10.7#

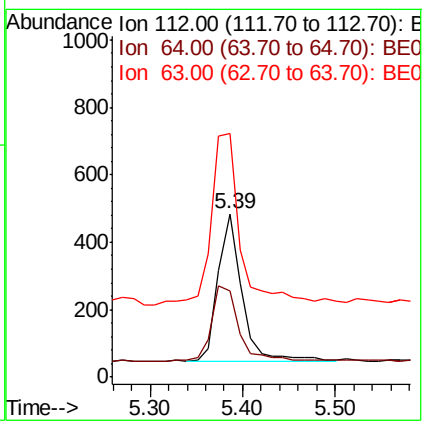


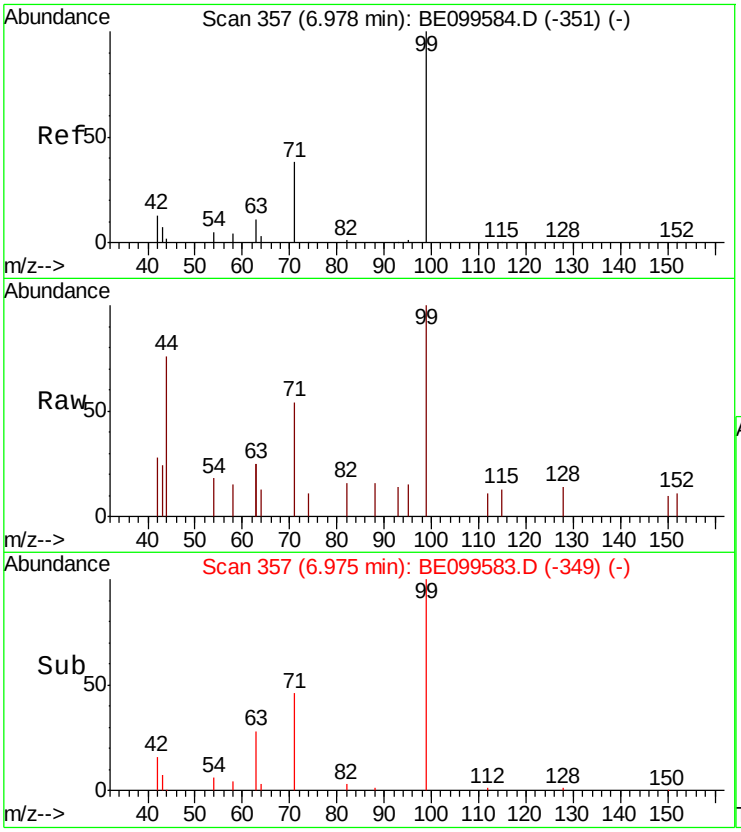


#4
2-Fluorophenol
Concen: 0.208 ng
RT: 5.39 min Scan# 219
Delta R.T. -0.00 min
Lab File: BE099583.D
Acq: 9 May 2019 9:57

Tgt Ion:112 Resp: 799

Ion	Ratio	Lower	Upper
112	100		
64	56.3	46.2	69.4
63	141.8	100.2	150.4



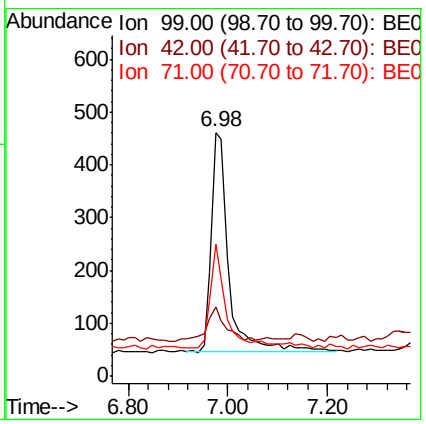


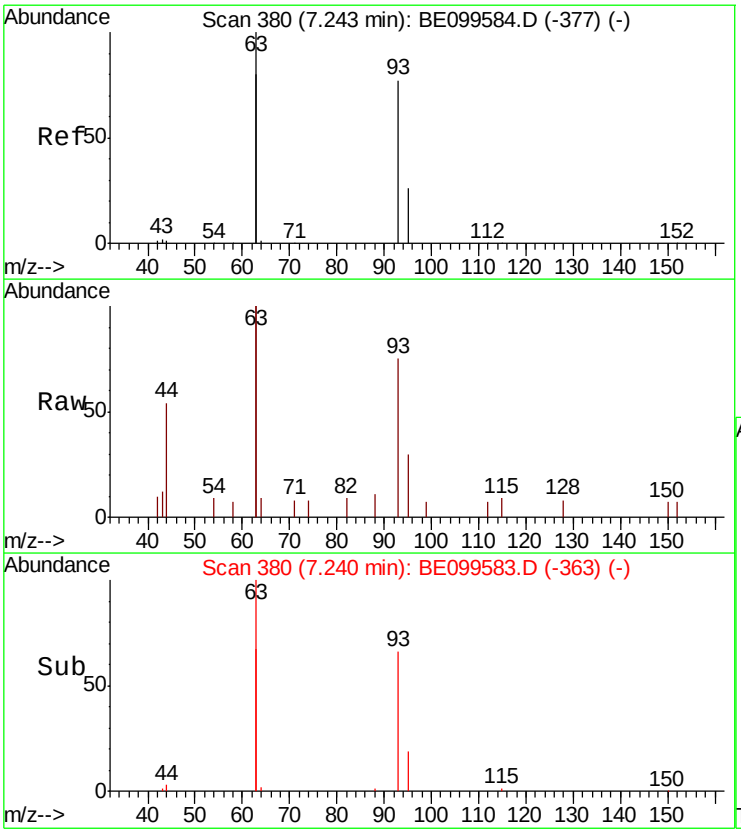
#5
Phenol-d6
Concen: 0.201 ng
RT: 6.98 min Scan# 357
Delta R.T. -0.00 min
Lab File: BE099583.D
Acq: 9 May 2019 9:57

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 99 Resp: 1014

Ion	Ratio	Lower	Upper
99	100		
42	16.5	13.8	20.8
71	41.6	32.2	48.4

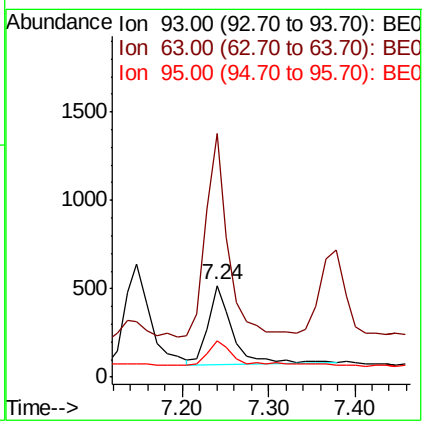


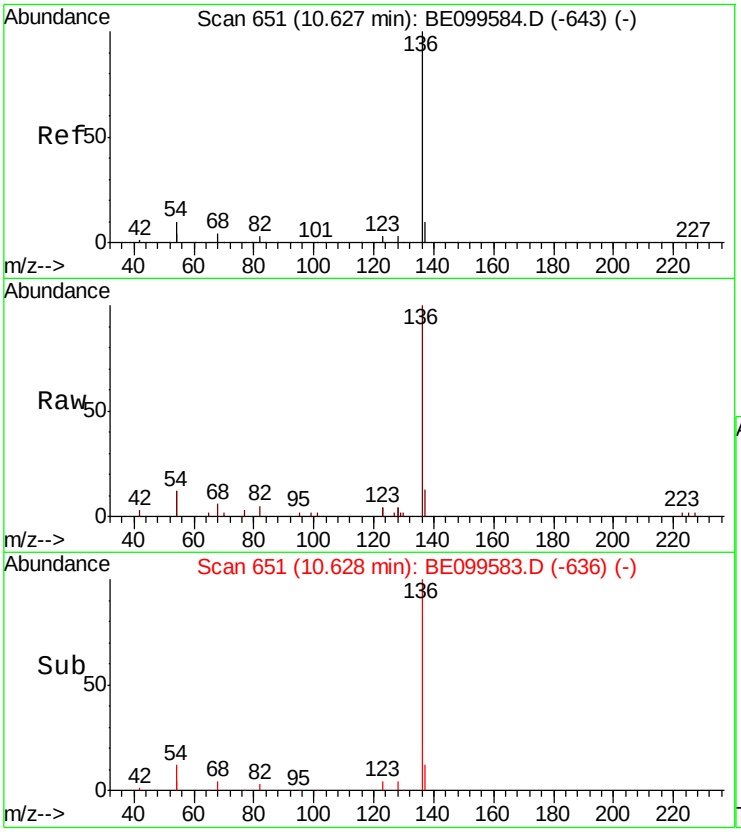


#6
bis(2-Chloroethyl)ether
Concen: 0.206 ng
RT: 7.24 min Scan# 380
Delta R.T. -0.00 min
Lab File: BE099583.D
Acq: 9 May 2019 9:57

Tgt Ion: 93 Resp: 865

Ion	Ratio	Lower	Upper
93	100		
63	240.3	213.4	320.0
95	33.3	24.9	37.3



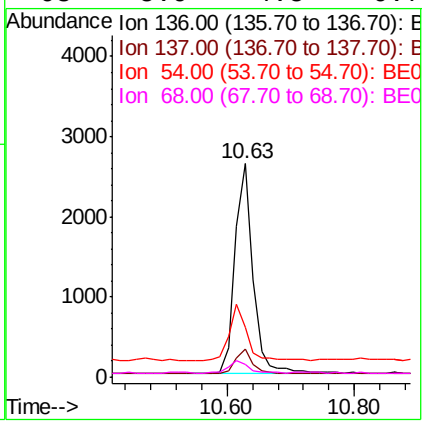


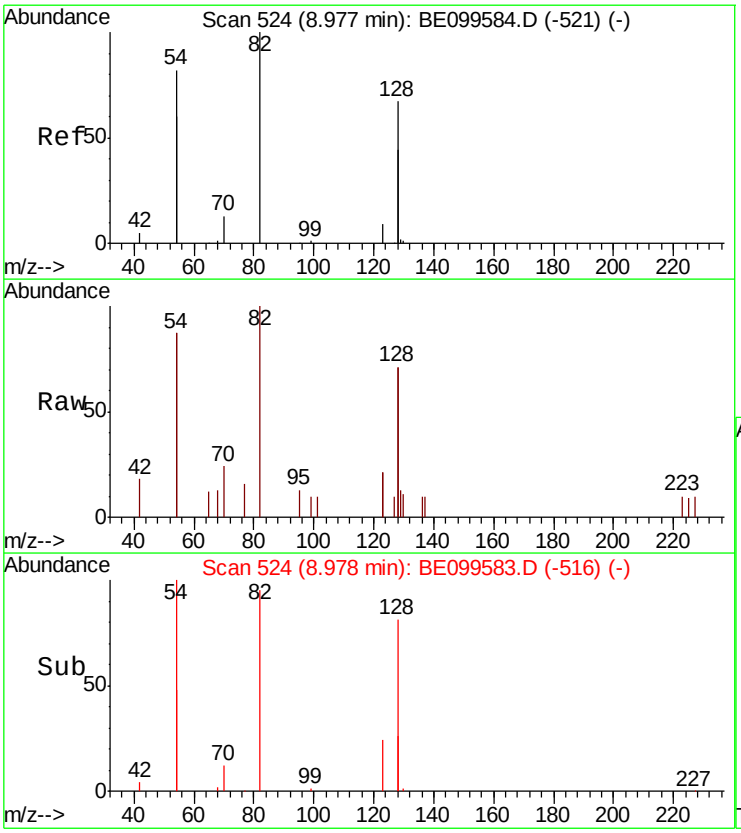
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.63 min Scan# 651
Delta R.T. 0.00 min
Lab File: BE099583.D
Acq: 9 May 2019 9:57

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:136 Resp: 5154

Ion	Ratio	Lower	Upper
136	100		
137	13.1	9.1	13.7
54	23.6	16.5	24.7
68	5.9	4.5	6.7

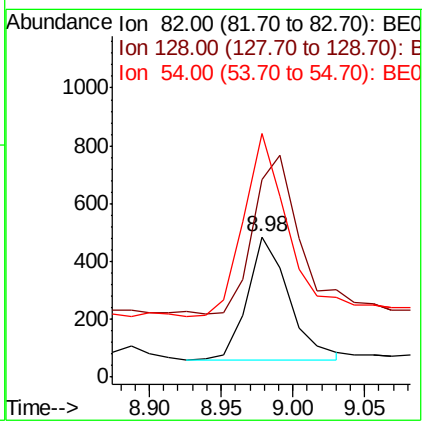


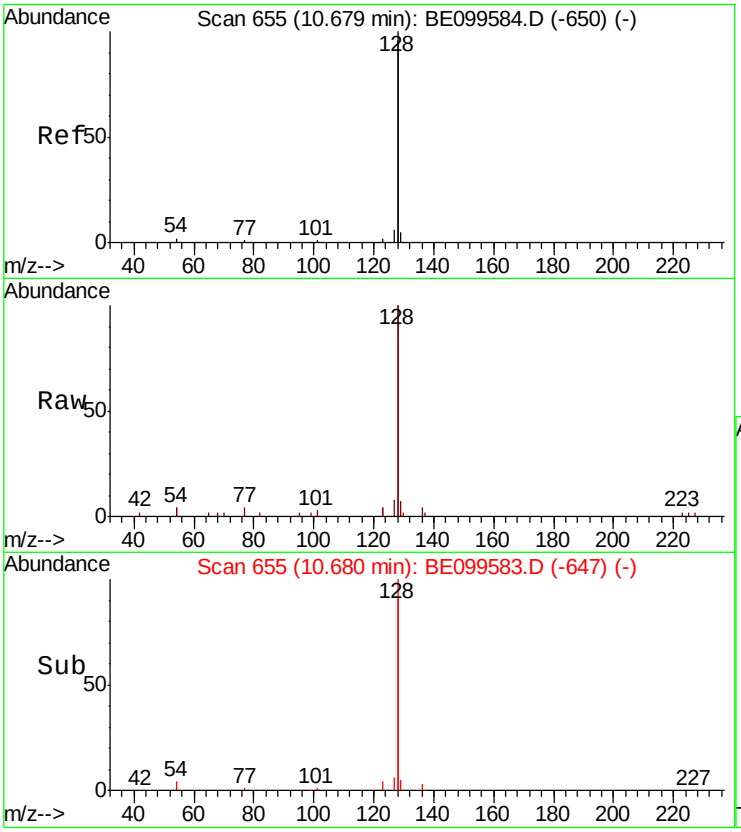


#8
Nitrobenzene-d5
Concen: 0.172 ng
RT: 8.98 min Scan# 524
Delta R.T. 0.00 min
Lab File: BE099583.D
Acq: 9 May 2019 9:57

Tgt Ion: 82 Resp: 852

Ion	Ratio	Lower	Upper
82	100		
128	141.0	101.5	152.3
54	173.6	123.8	185.6



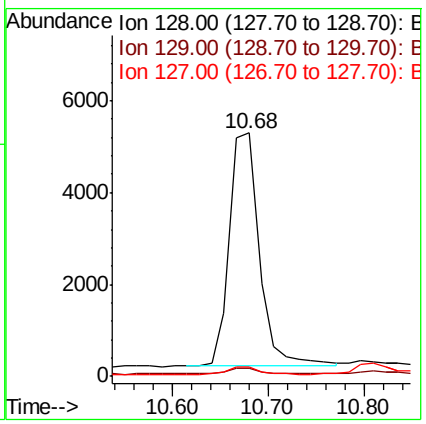


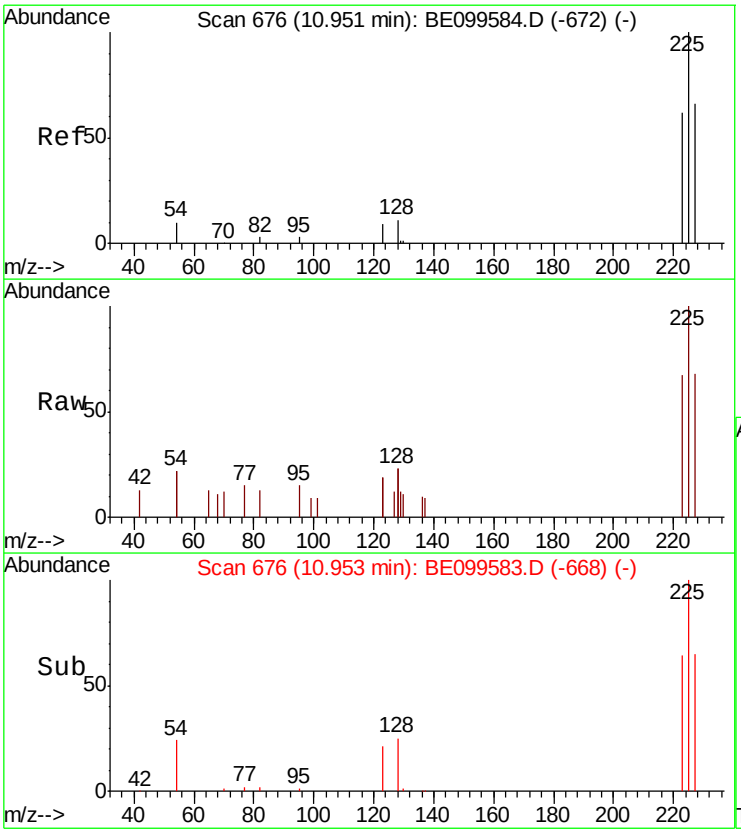
#9
Naphthalene
Concen: 0.201 ng
RT: 10.68 min Scan# 655
Delta R.T. 0.00 min
Lab File: BE099583.D
Acq: 9 May 2019 9:57

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:128 Resp: 10994

Ion	Ratio	Lower	Upper
128	100		
129	3.5	2.4	3.6
127	3.9	2.8	4.2

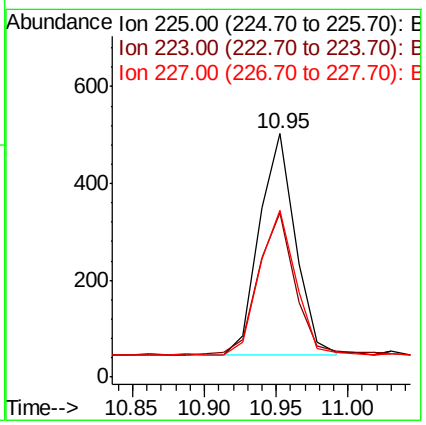


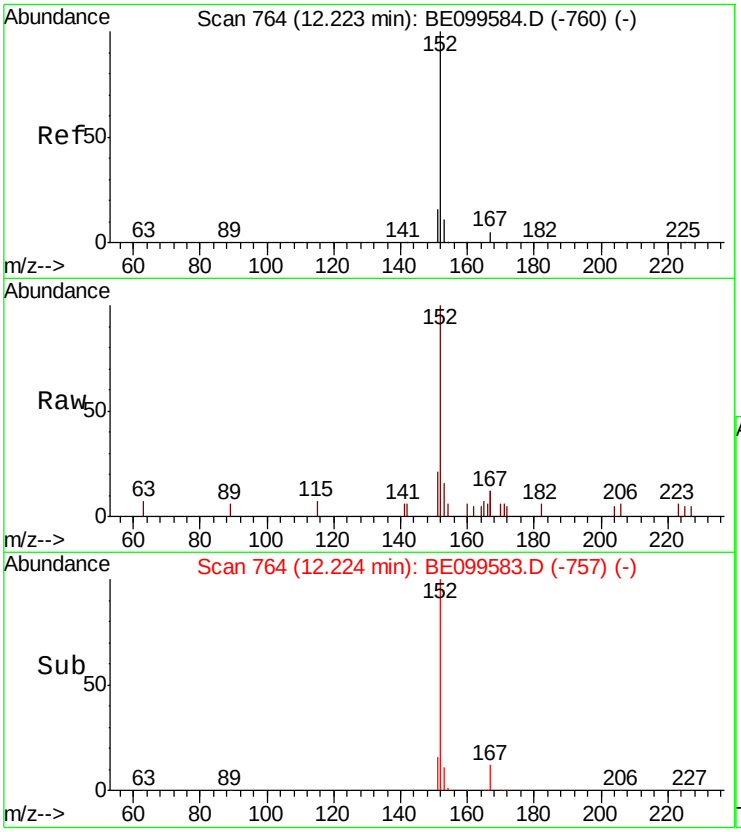


#10
Hexachlorobutadiene
Concen: 0.202 ng
RT: 10.95 min Scan# 676
Delta R.T. 0.00 min
Lab File: BE099583.D
Acq: 9 May 2019 9:57

Tgt Ion:225 Resp: 800

Ion	Ratio	Lower	Upper
225	100		
223	65.6	49.6	74.4
227	66.5	50.1	75.1



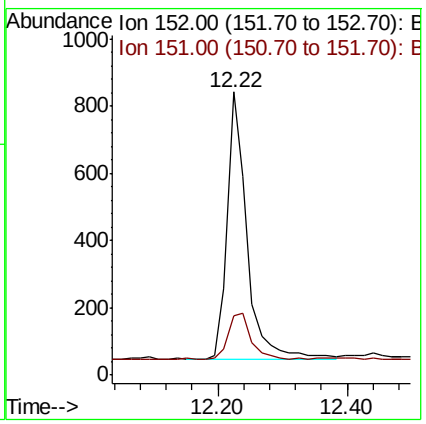


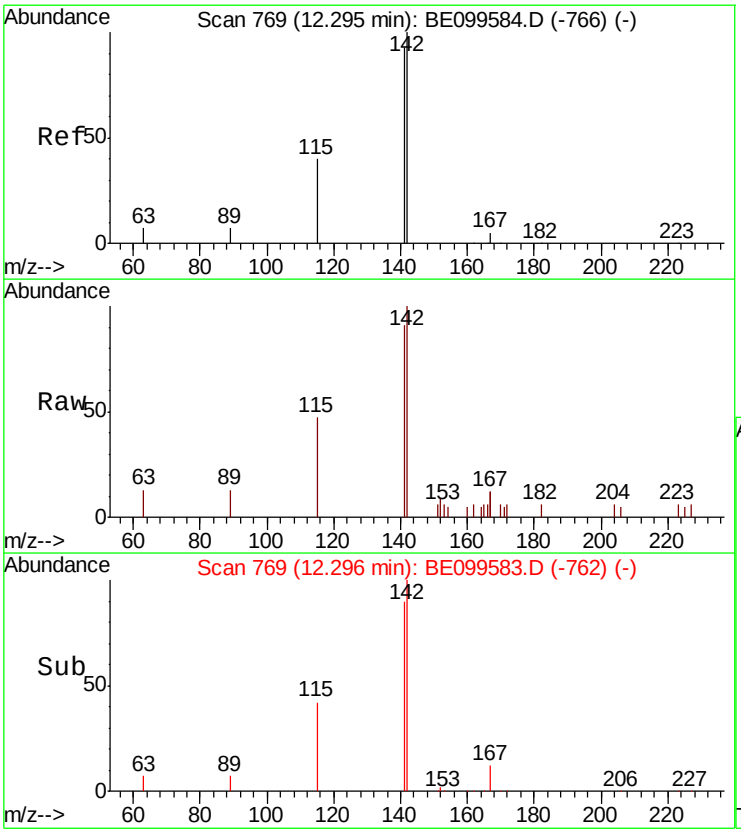
#11
2-Methylnaphthalene-d10
Concen: 0.186 ng
RT: 12.22 min Scan# 764
Delta R.T. 0.00 min
Lab File: BE099583.D
Acq: 9 May 2019 9:57

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 1674

Ion	Ratio	Lower	Upper
152	100		
151	20.1	16.2	24.2

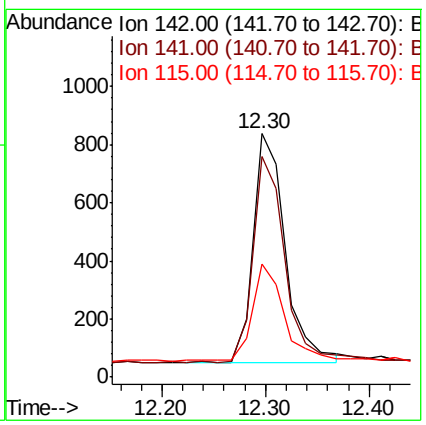


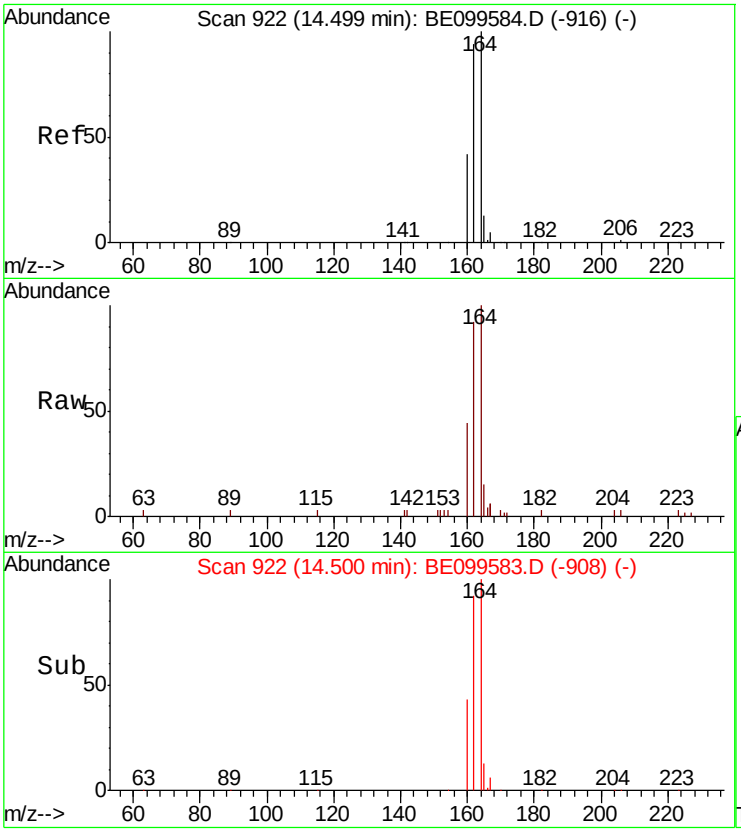


#12
2-Methylnaphthalene
Concen: 0.183 ng
RT: 12.30 min Scan# 769
Delta R.T. 0.00 min
Lab File: BE099583.D
Acq: 9 May 2019 9:57

Tgt Ion:142 Resp: 1694

Ion	Ratio	Lower	Upper
142	100		
141	90.7	75.0	112.4
115	46.7	33.7	50.5



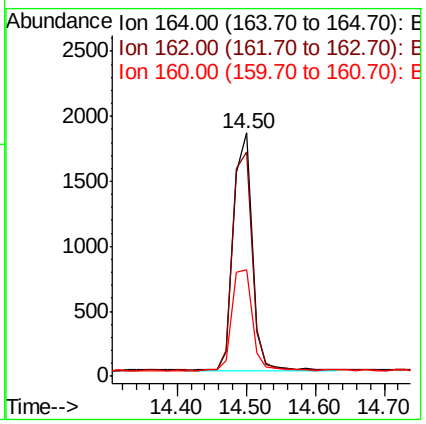


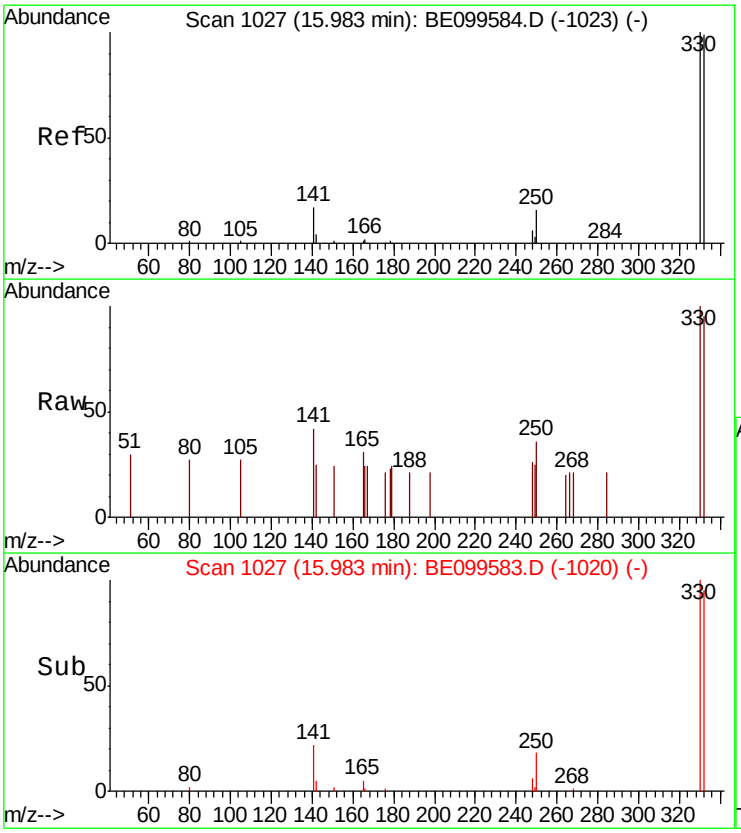
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.50 min Scan# 922
Delta R.T. 0.00 min
Lab File: BE099583.D
Acq: 9 May 2019 9:57

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:164 Resp: 3395

Ion	Ratio	Lower	Upper
164	100		
162	92.3	75.3	112.9
160	43.9	34.7	52.1

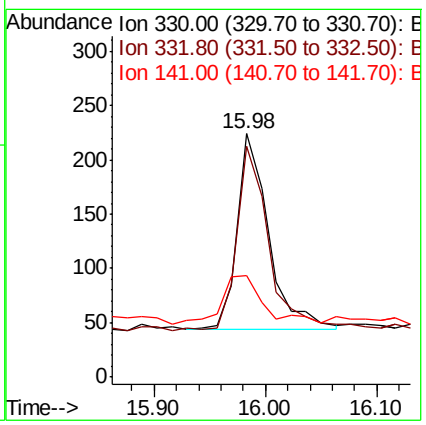


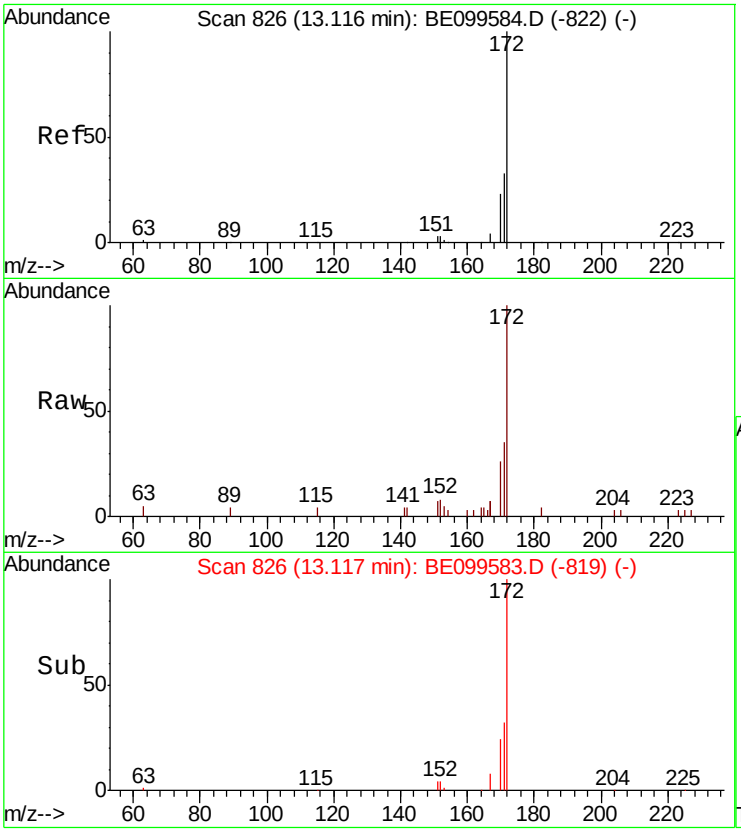


#14
2,4,6-Tribromophenol
Concen: 0.156 ng
RT: 15.98 min Scan# 1027
Delta R.T. -0.00 min
Lab File: BE099583.D
Acq: 9 May 2019 9:57

Tgt Ion:330 Resp: 353

Ion	Ratio	Lower	Upper
330	100		
332	94.9	78.7	118.1
141	34.8	22.3	33.5#



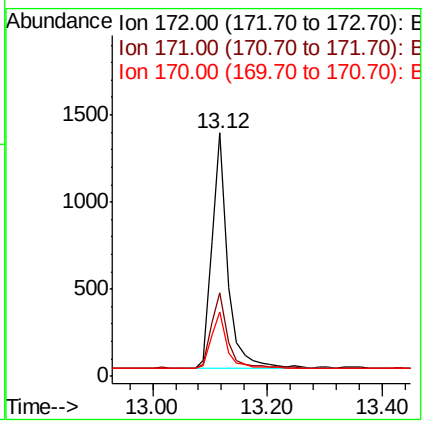


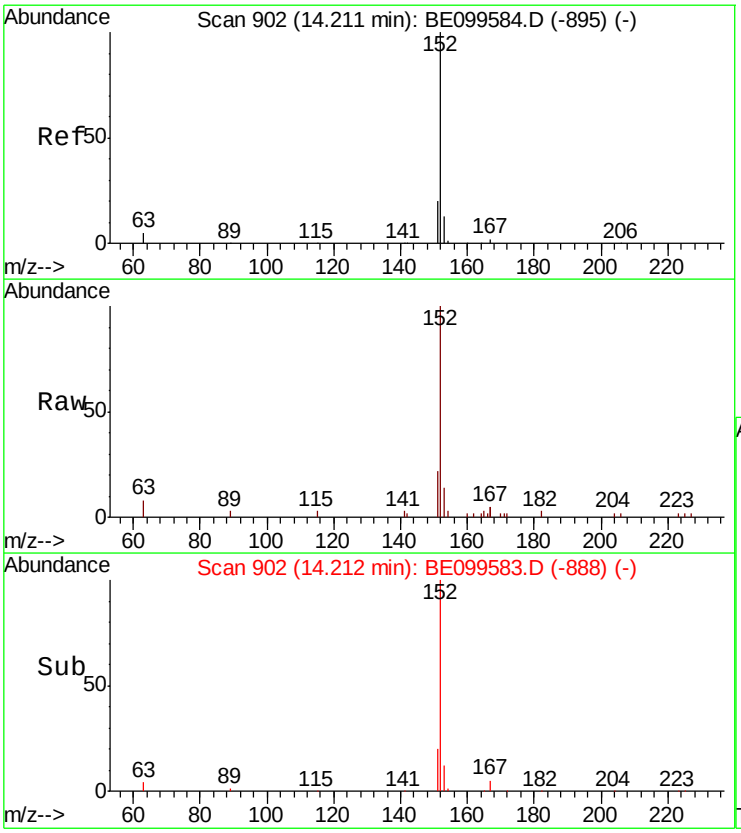
#15
2-Fluorobiphenyl
Concen: 0.200 ng
RT: 13.12 min Scan# 826
Delta R.T. 0.00 min
Lab File: BE099583.D
Acq: 9 May 2019 9:57

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:172 Resp: 2573

Ion	Ratio	Lower	Upper
172	100		
171	34.5	27.5	41.3
170	26.5	19.1	28.7

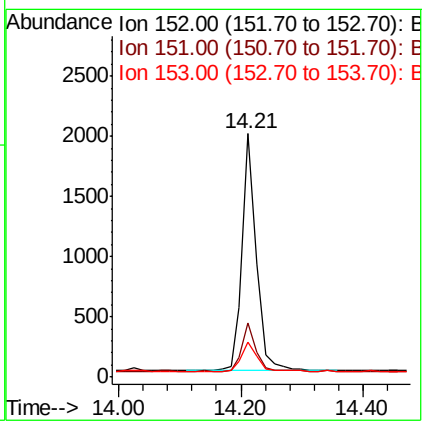


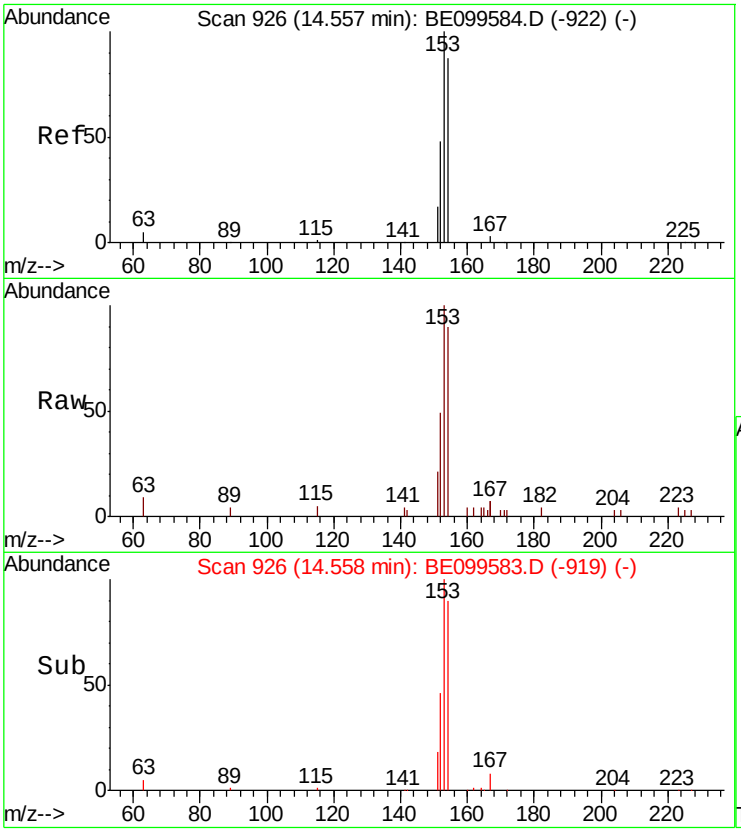


#16
Acenaphthylene
Concen: 0.197 ng
RT: 14.21 min Scan# 902
Delta R.T. 0.00 min
Lab File: BE099583.D
Acq: 9 May 2019 9:57

Tgt Ion:152 Resp: 3225

Ion	Ratio	Lower	Upper
152	100		
151	19.3	15.5	23.3
153	12.8	10.2	15.4



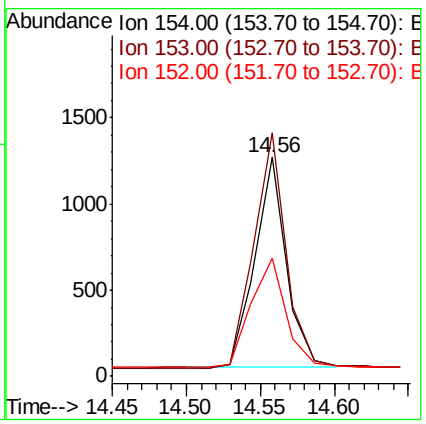


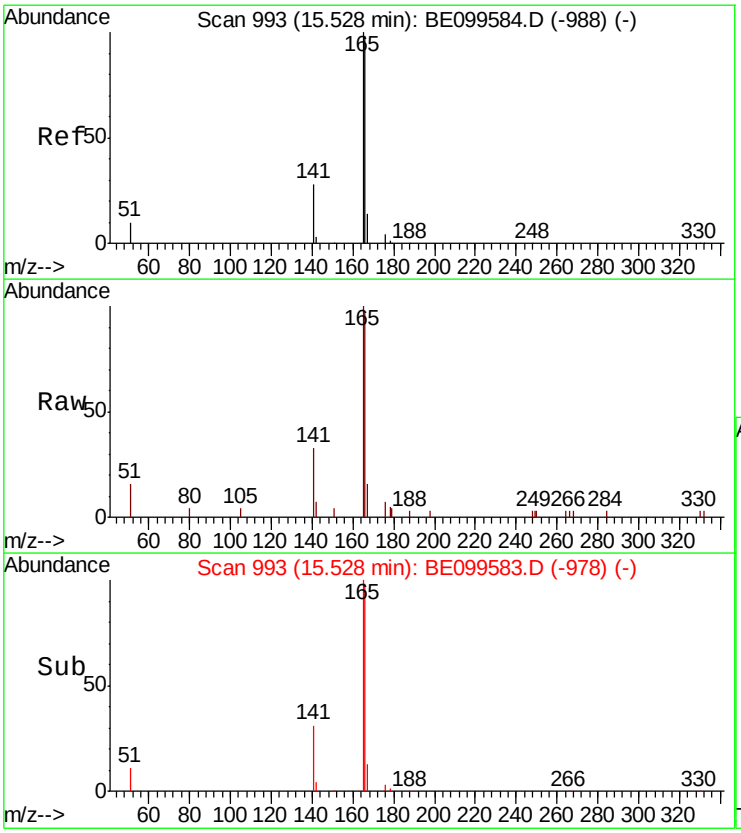
#17
Acenaphthene
Concen: 0.196 ng
RT: 14.56 min Scan# 926
Delta R.T. 0.00 min
Lab File: BE099583.D
Acq: 9 May 2019 9:57

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:154 Resp: 1790

Ion	Ratio	Lower	Upper
154	100		
153	115.9	92.9	139.3
152	58.4	46.3	69.5

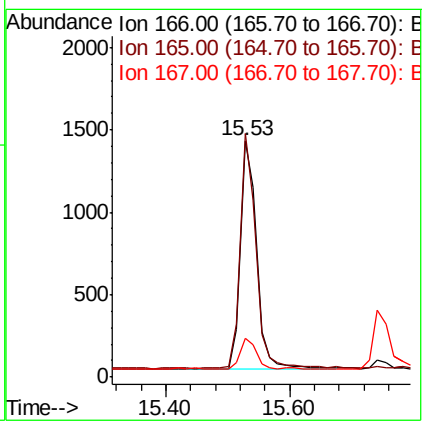


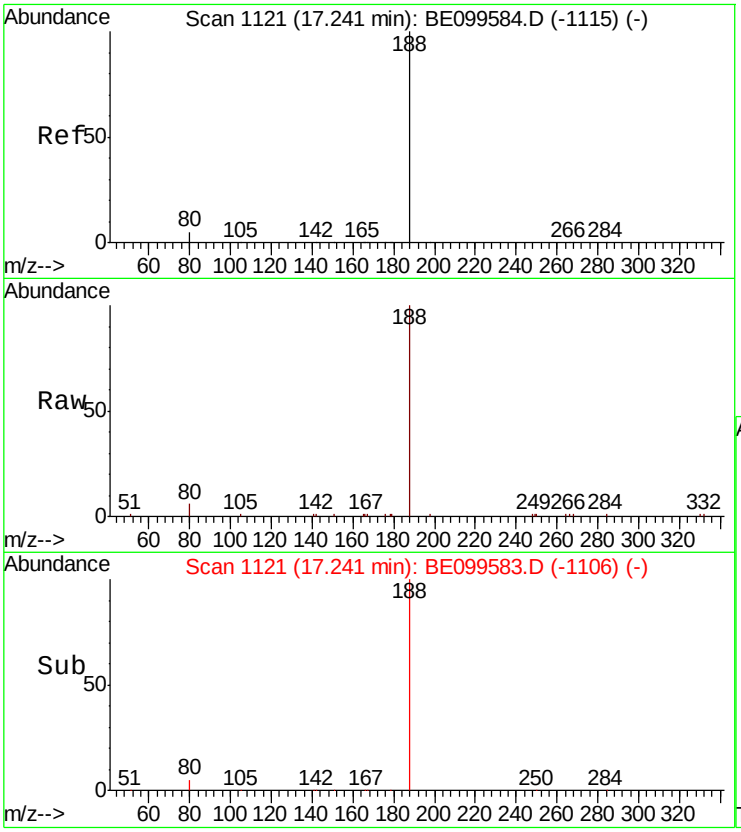


#18
Fluorene
Concen: 0.196 ng
RT: 15.53 min Scan# 993
Delta R.T. -0.00 min
Lab File: BE099583.D
Acq: 9 May 2019 9:57

Tgt Ion:166 Resp: 2564

Ion	Ratio	Lower	Upper
166	100		
165	98.1	80.5	120.7
167	13.5	11.6	17.4



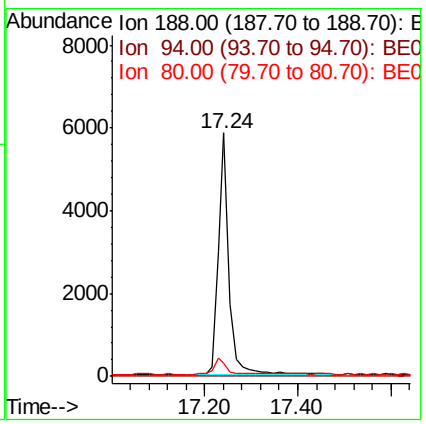


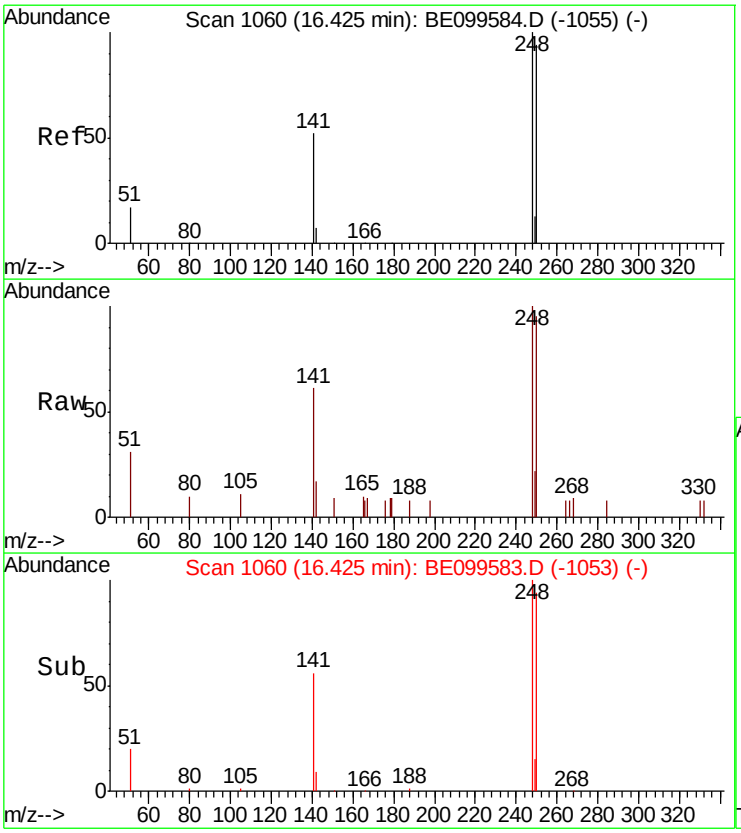
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.24 min Scan# 1121
Delta R.T. -0.00 min
Lab File: BE099583.D
Acq: 9 May 2019 9:57

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:188 Resp: 9480

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	5.5	4.4	6.6

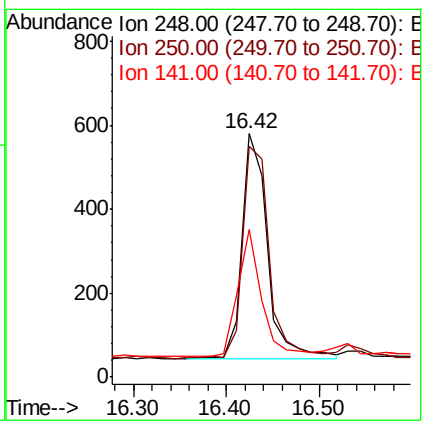


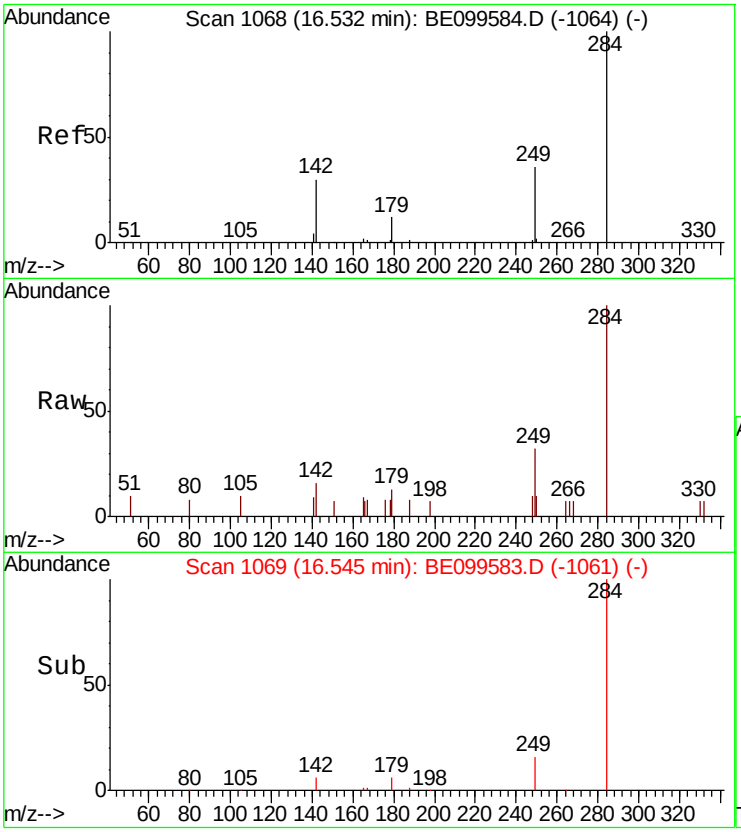


#20
4-Bromophenyl-phenylether
Concen: 0.188 ng
RT: 16.42 min Scan# 1060
Delta R.T. -0.00 min
Lab File: BE099583.D
Acq: 9 May 2019 9:57

Tgt Ion:248 Resp: 1012

Ion	Ratio	Lower	Upper
248	100		
250	94.7	75.7	113.5
141	60.9	42.9	64.3



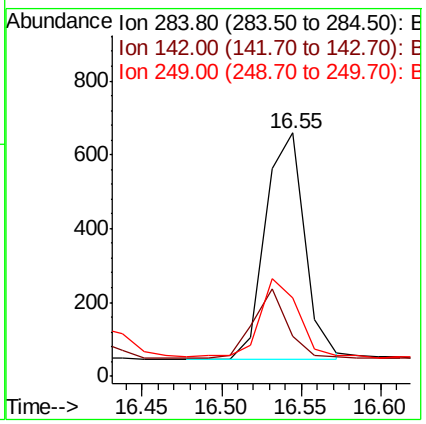


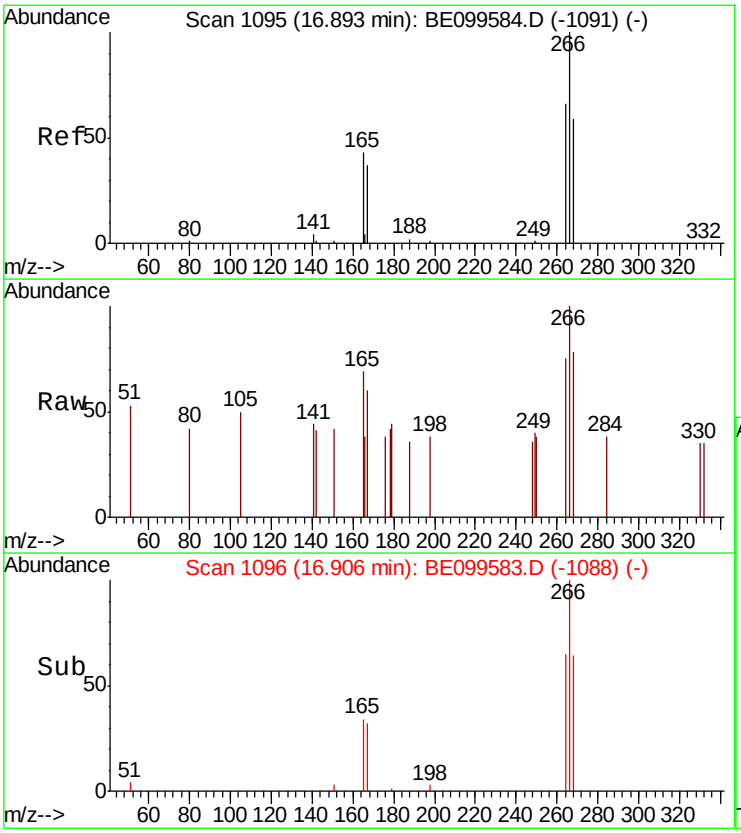
#21
Hexachlorobenzene
Concen: 0.197 ng
RT: 16.55 min Scan# 1069
Delta R.T. 0.01 min
Lab File: BE099583.D
Acq: 9 May 2019 9:57

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:284 Resp: 1058

Ion	Ratio	Lower	Upper
284	100		
142	26.8	20.6	30.8
249	33.5	25.8	38.6

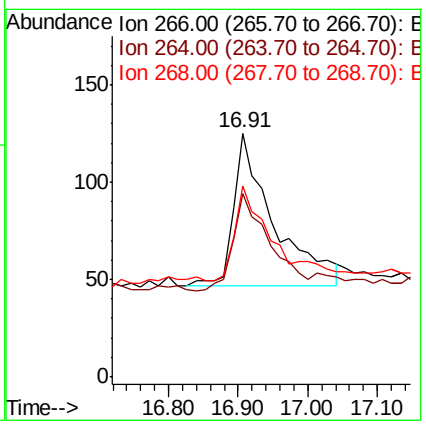


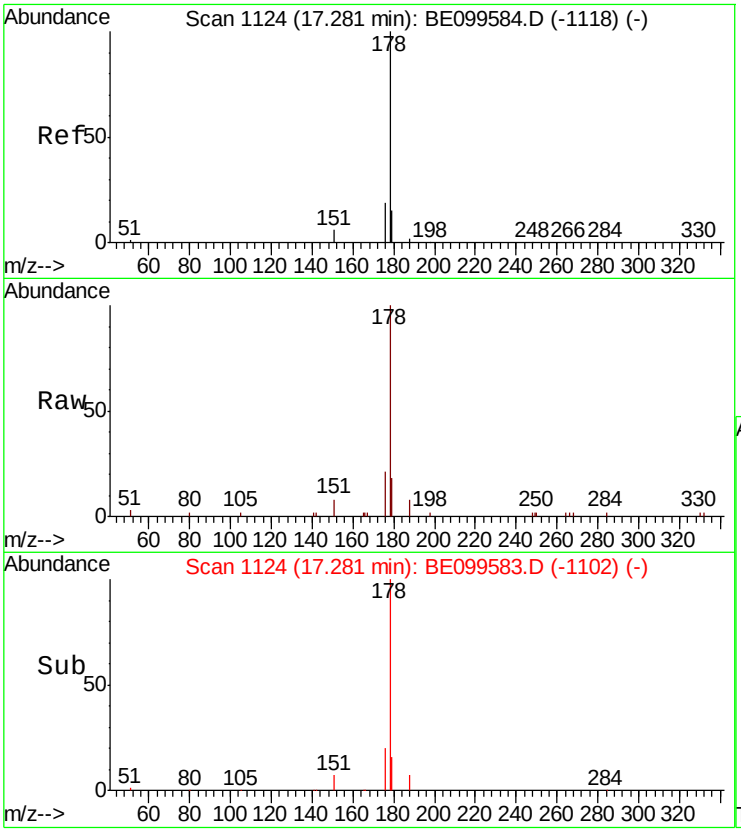


#22
Pentachlorophenol
Concen: 0.140 ng
RT: 16.91 min Scan# 1096
Delta R.T. 0.01 min
Lab File: BE099583.D
Acq: 9 May 2019 9:57

Tgt Ion:266 Resp: 308

Ion	Ratio	Lower	Upper
266	100		
264	75.2	57.3	85.9
268	78.4	53.5	80.3



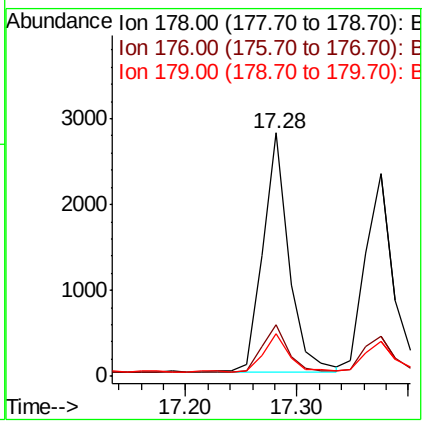


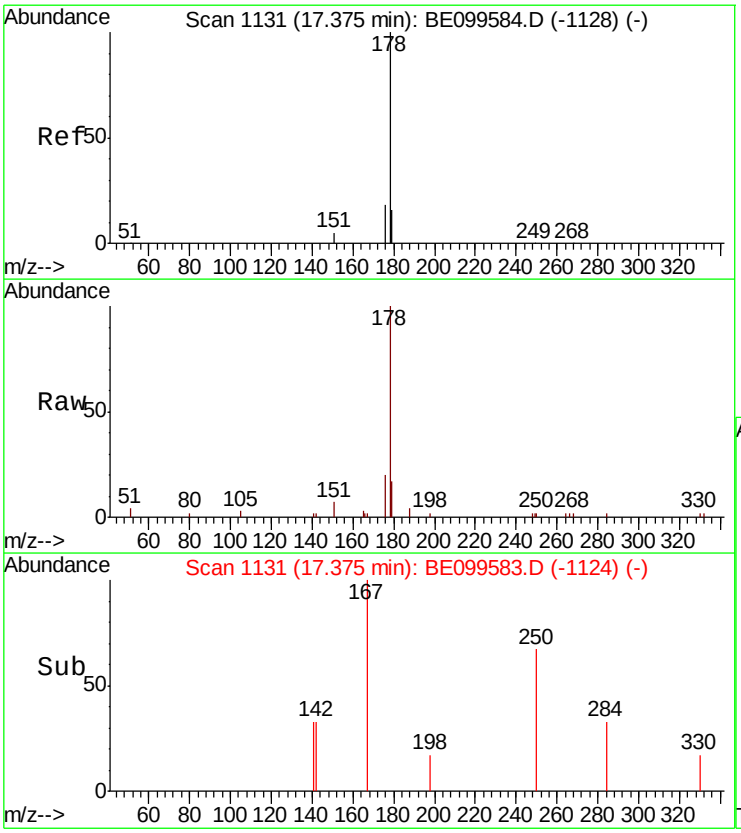
#23
Phenanthrene
Concen: 0.194 ng
RT: 17.28 min Scan# 1124
Delta R.T. -0.00 min
Lab File: BE099583.D
Acq: 9 May 2019 9:57

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 4525

Ion	Ratio	Lower	Upper
178	100		
176	20.0	15.8	23.6
179	15.2	12.2	18.2

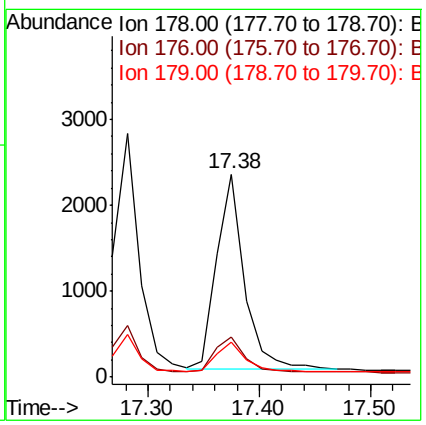


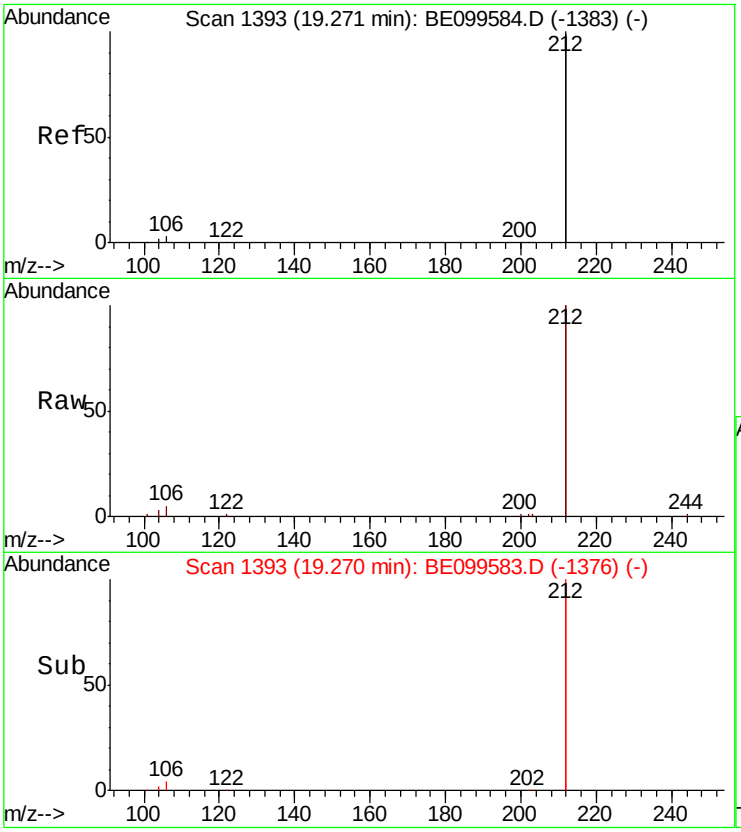


#24
Anthracene
Concen: 0.176 ng
RT: 17.38 min Scan# 1131
Delta R.T. -0.00 min
Lab File: BE099583.D
Acq: 9 May 2019 9:57

Tgt Ion:178 Resp: 3946

Ion	Ratio	Lower	Upper
178	100		
176	19.2	14.8	22.2
179	15.5	12.3	18.5



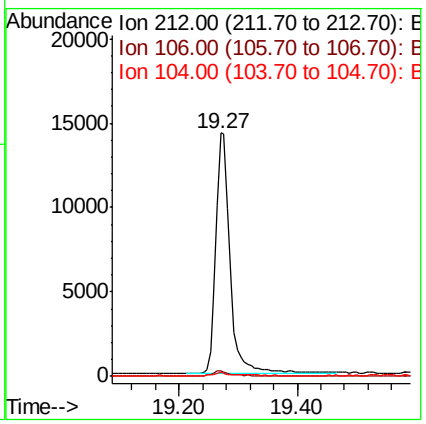


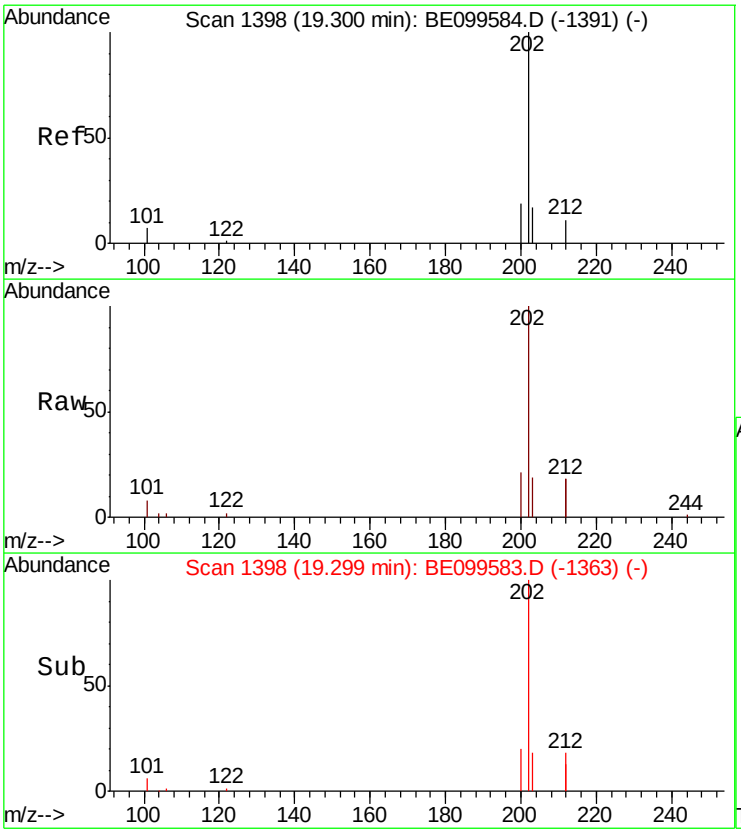
#25
Fluoranthene-d10
Concen: 0.184 ng
RT: 19.27 min Scan# 1393
Delta R.T. -0.00 min
Lab File: BE099583.D
Acq: 9 May 2019 9:57

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:212 Resp: 23547

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

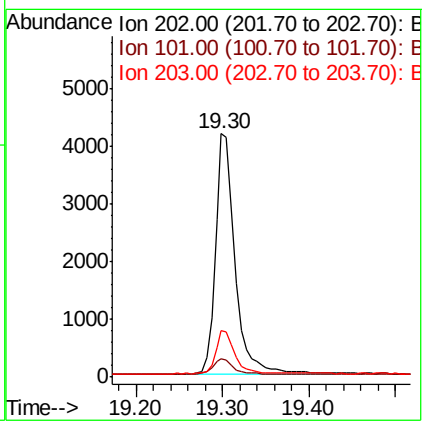


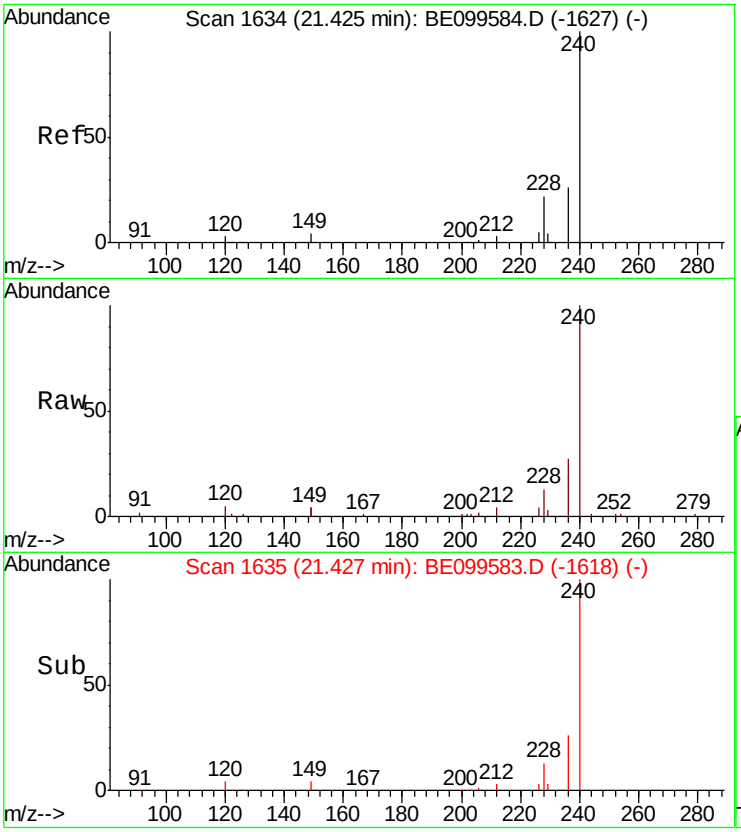


#26
Fluoranthene
Concen: 0.184 ng
RT: 19.30 min Scan# 1398
Delta R.T. -0.00 min
Lab File: BE099583.D
Acq: 9 May 2019 9:57

Tgt Ion:202 Resp: 6608

Ion	Ratio	Lower	Upper
202	100		
101	6.7	5.4	8.2
203	17.1	13.7	20.5



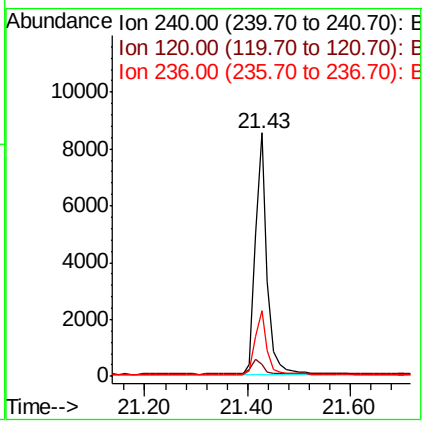


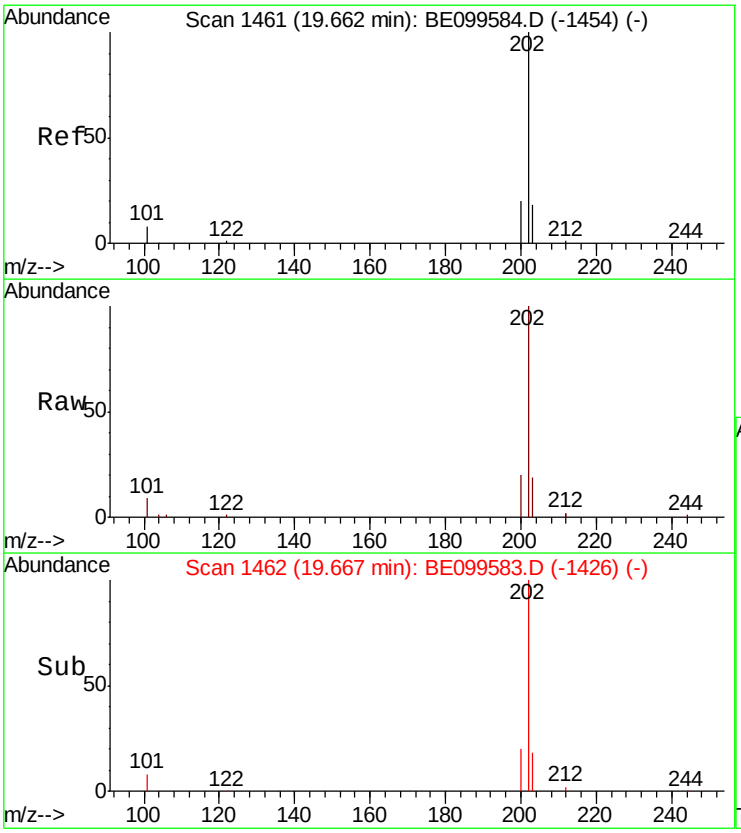
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.43 min Scan# 1635
Delta R.T. 0.00 min
Lab File: BE099583.D
Acq: 9 May 2019 9:57

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:240 Resp: 13886

Ion	Ratio	Lower	Upper
240	100		
120	4.8	3.2	4.8
236	26.9	21.0	31.6

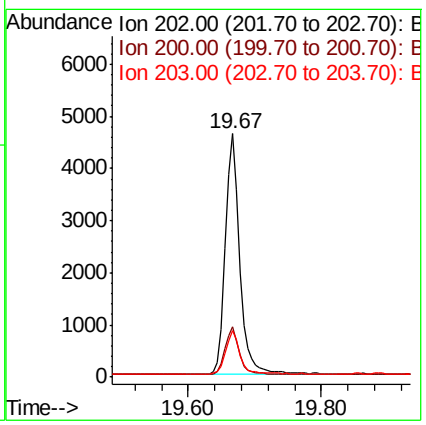


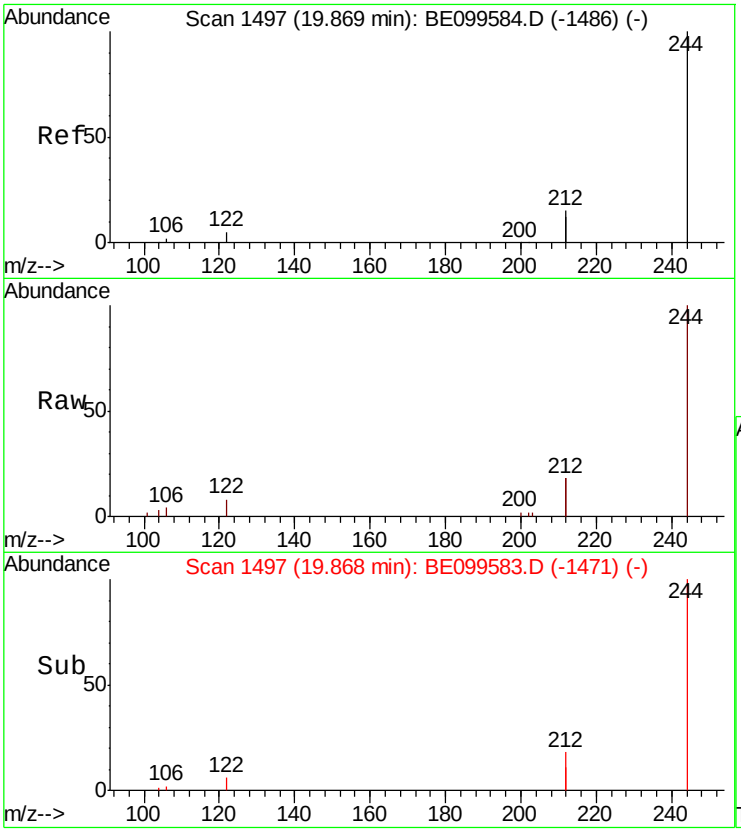


#28
Pyrene
Concen: 0.187 ng
RT: 19.67 min Scan# 1462
Delta R.T. 0.00 min
Lab File: BE099583.D
Acq: 9 May 2019 9:57

Tgt Ion:202 Resp: 6941

Ion	Ratio	Lower	Upper
202	100		
200	19.4	15.9	23.9
203	17.8	14.1	21.1



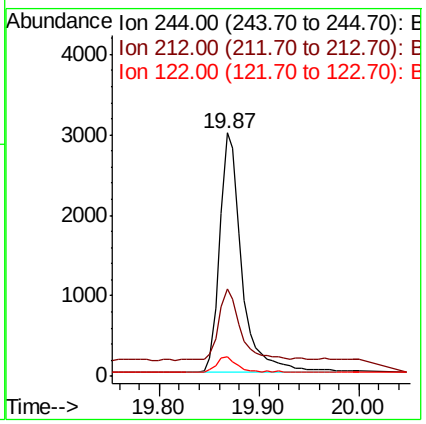


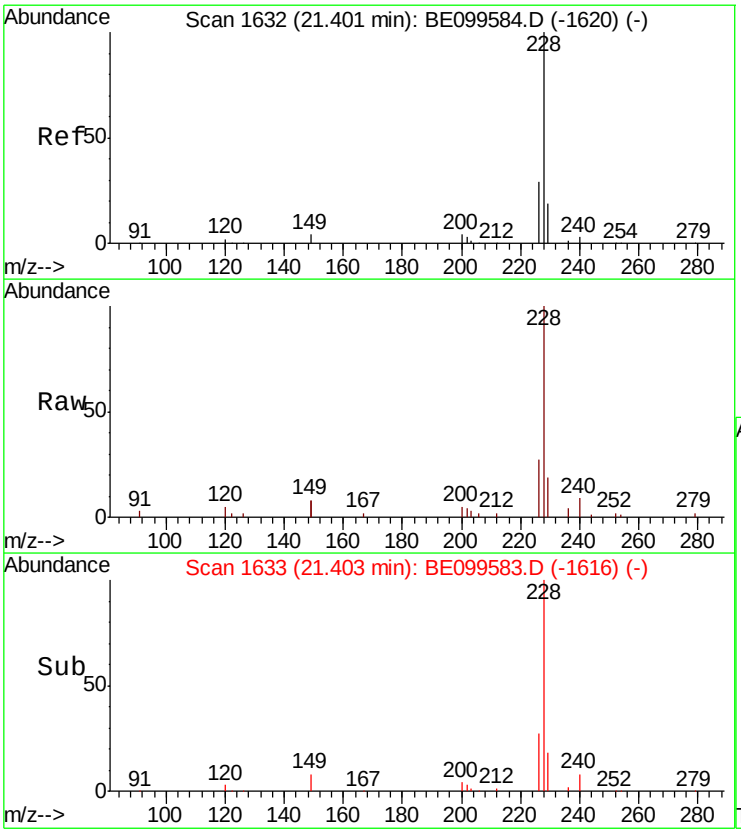
#29
Terphenyl-d14
Concen: 0.179 ng
RT: 19.87 min Scan# 1497
Delta R.T. -0.00 min
Lab File: BE099583.D
Acq: 9 May 2019 9:57

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:244 Resp: 4600

Ion	Ratio	Lower	Upper
244	100		
212	35.9	24.4	36.6
122	7.9	4.6	6.8#

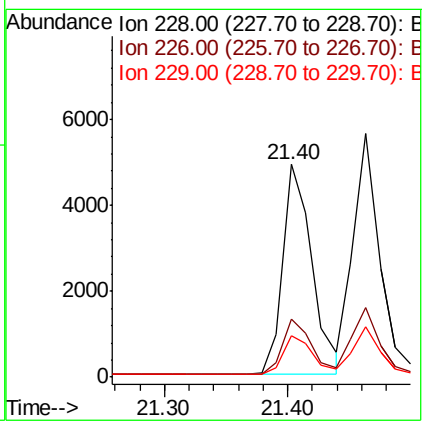


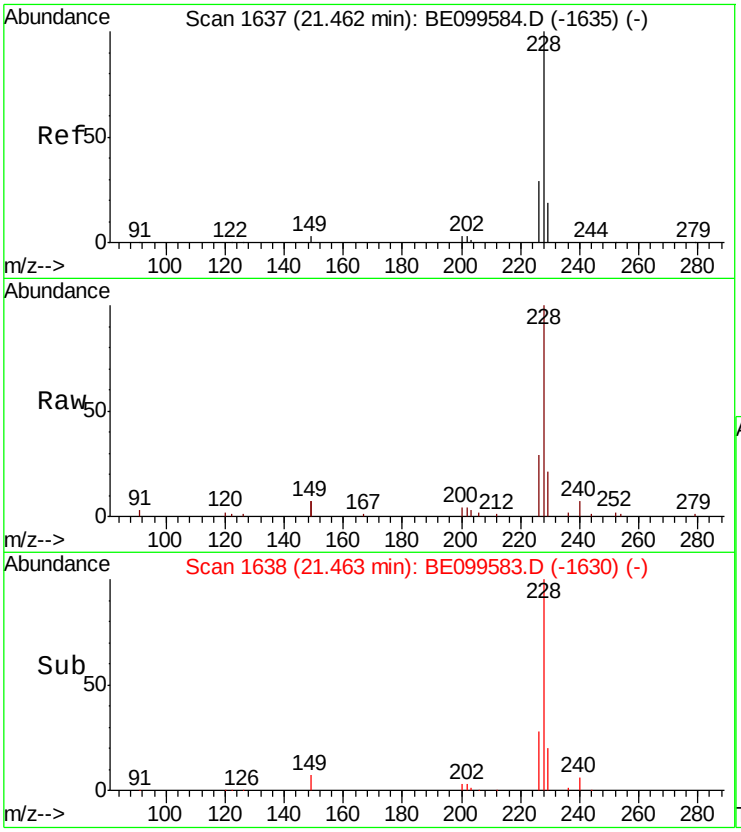


#30
Benzo(a)anthracene
Concen: 0.190 ng
RT: 21.40 min Scan# 1633
Delta R.T. 0.00 min
Lab File: BE099583.D
Acq: 9 May 2019 9:57

Tgt Ion:228 Resp: 8178

Ion	Ratio	Lower	Upper
228	100		
226	27.4	23.3	34.9
229	19.4	15.5	23.3



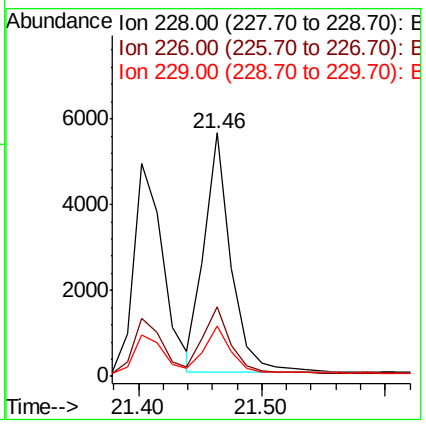


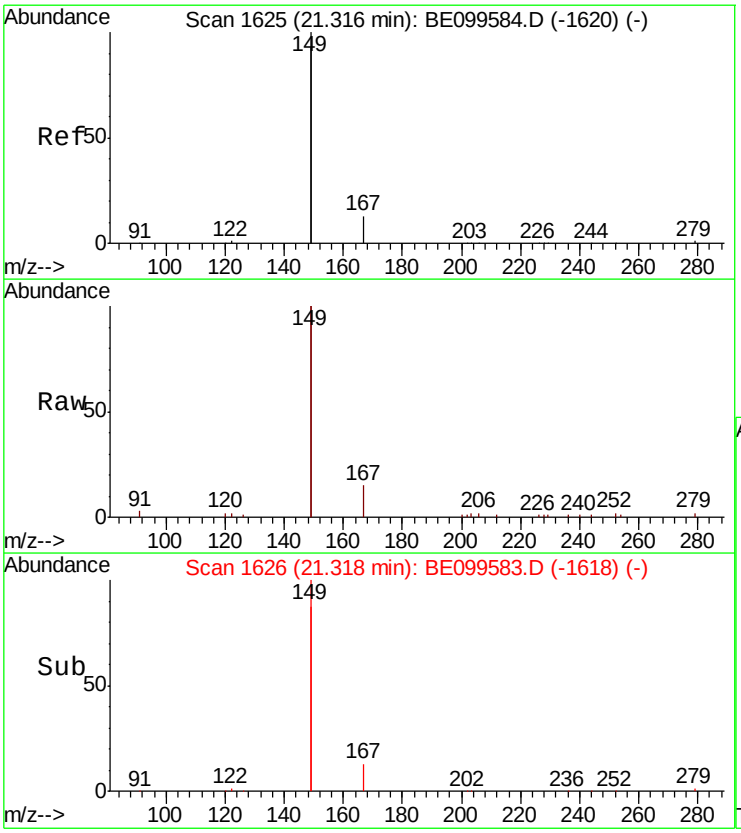
#31
Chrysene
Concen: 0.197 ng
RT: 21.46 min Scan# 1638
Delta R.T. 0.00 min
Lab File: BE099583.D
Acq: 9 May 2019 9:57

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 8344

Ion	Ratio	Lower	Upper
228	100		
226	28.7	23.2	34.8
229	20.6	15.6	23.4

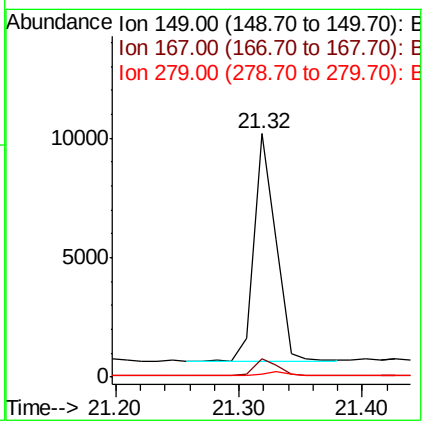


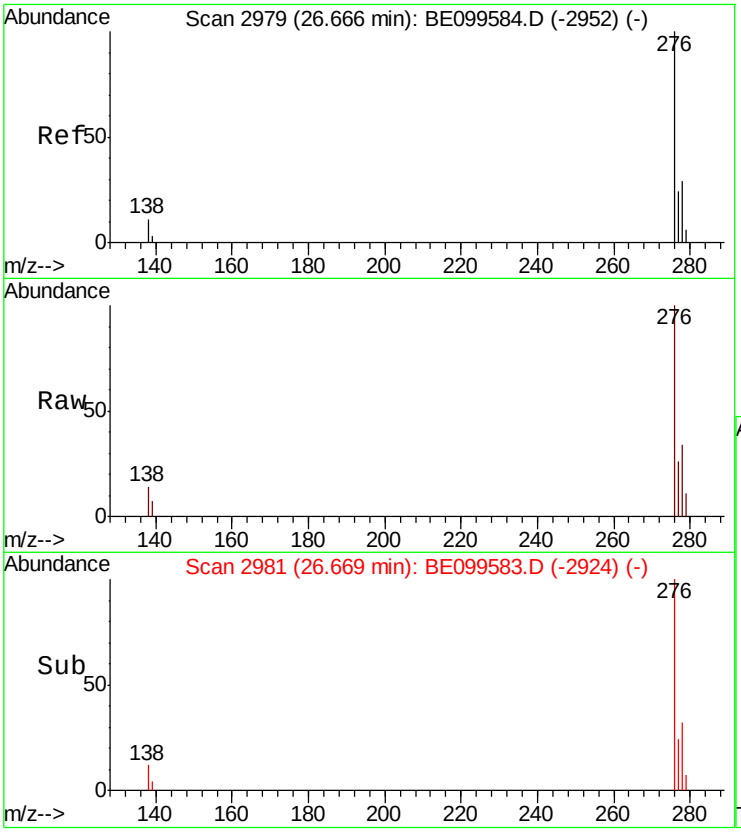


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.173 ng
RT: 21.32 min Scan# 1626
Delta R.T. 0.00 min
Lab File: BE099583.D
Acq: 9 May 2019 9:57

Tgt Ion:149 Resp: 11772

Ion	Ratio	Lower	Upper
149	100		
167	7.6	6.0	9.0
279	1.7	1.1	1.7#



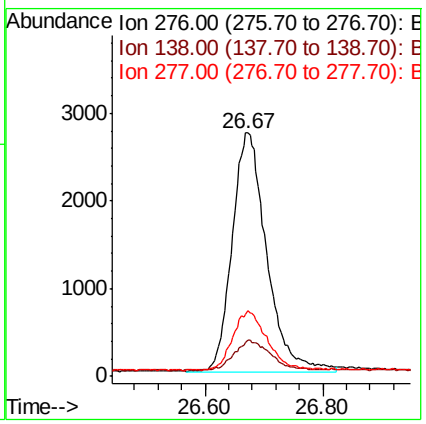


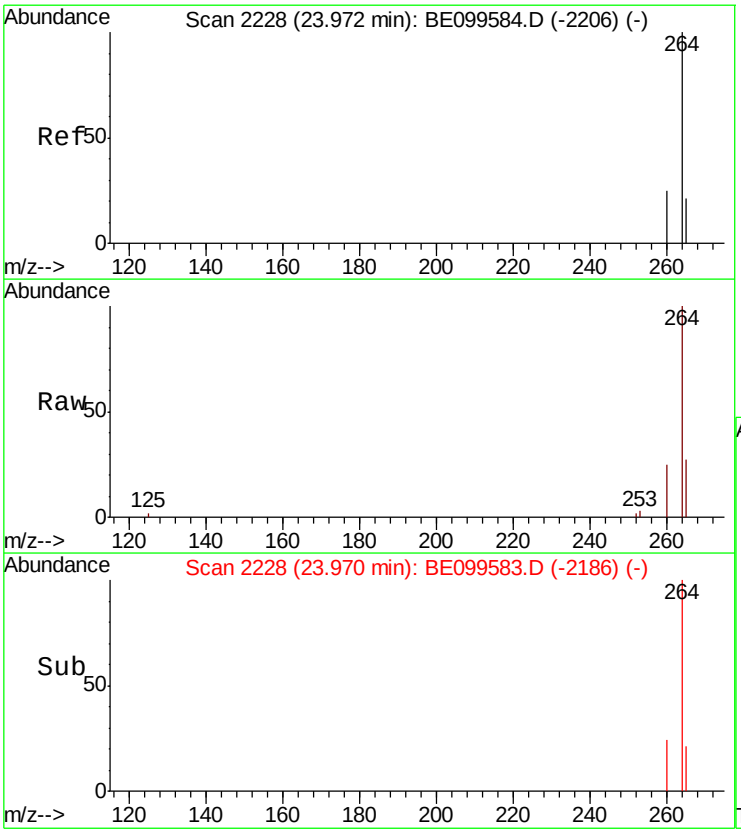
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.219 ng
RT: 26.67 min Scan# 2981
Delta R.T. 0.00 min
Lab File: BE099583.D
Acq: 9 May 2019 9:57

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 11033

Ion	Ratio	Lower	Upper
276	100		
138	13.2	10.2	15.2
277	24.7	19.8	29.8

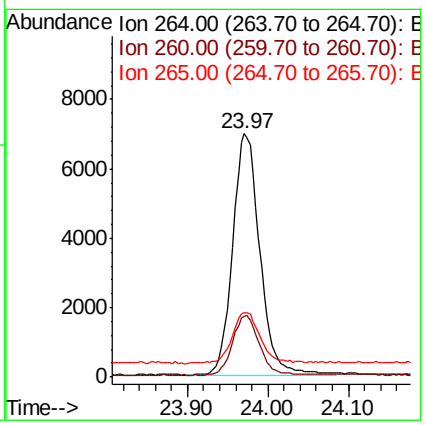


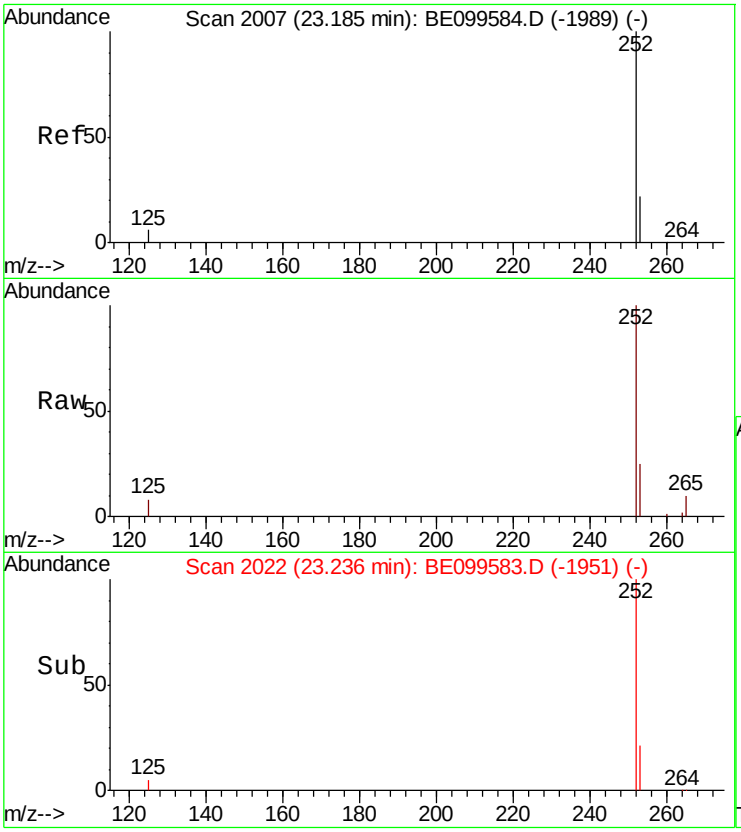


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.97 min Scan# 2228
Delta R.T. -0.00 min
Lab File: BE099583.D
Acq: 9 May 2019 9:57

Tgt Ion:264 Resp: 16310

Ion	Ratio	Lower	Upper
264	100		
260	24.7	20.3	30.5
265	26.6	20.9	31.3



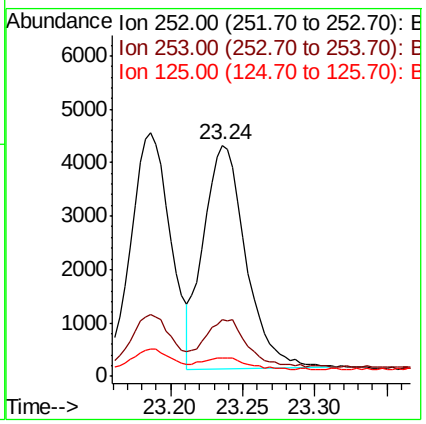


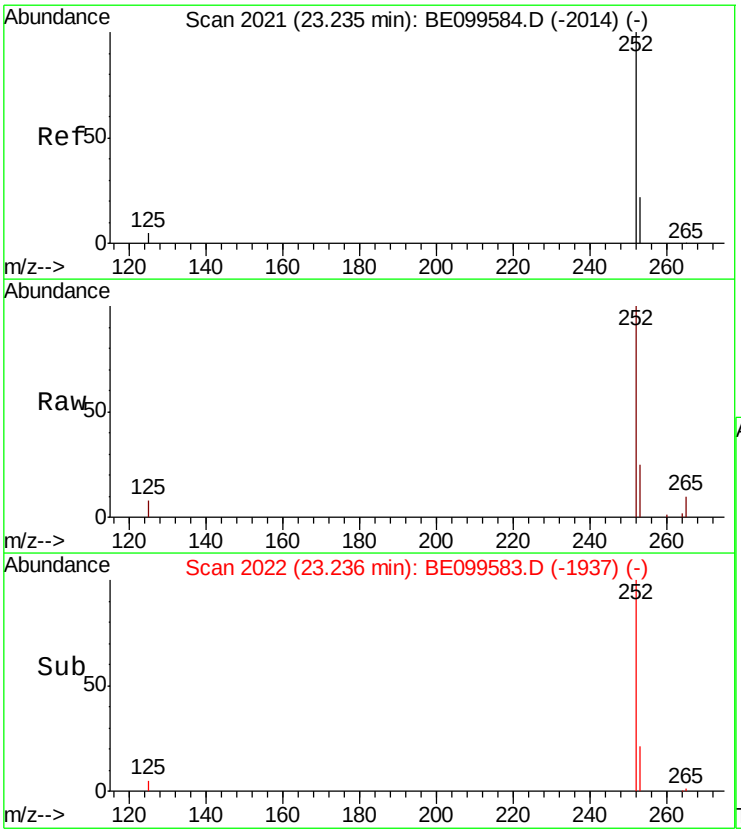
#35
Benzo(b)fluoranthene
Concen: 0.189 ng
RT: 23.24 min Scan# 2022
Delta R.T. 0.05 min
Lab File: BE099583.D
Acq: 9 May 2019 9:57

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 8525

Ion	Ratio	Lower	Upper
252	100		
253	24.6	18.6	28.0
125	7.9	6.0	9.0

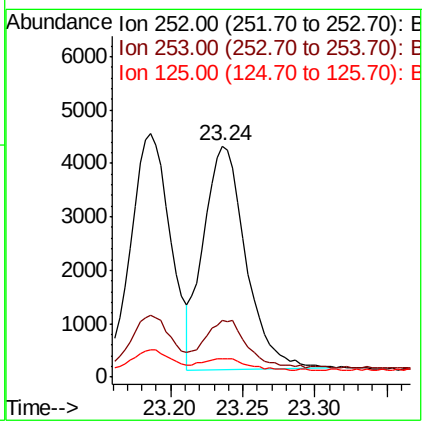


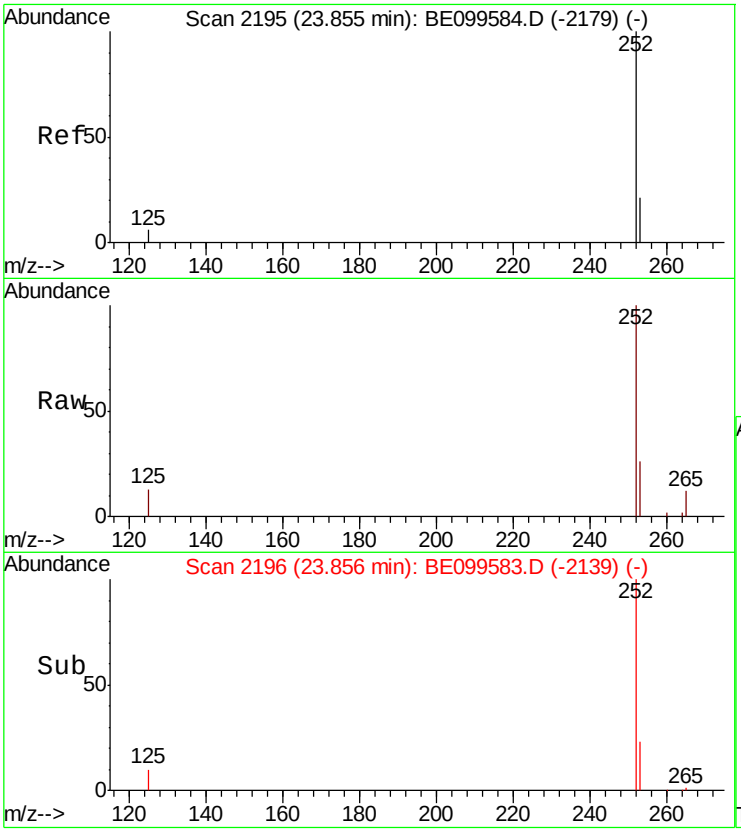


#36
Benzo(k)fluoranthene
Concen: 0.193 ng
RT: 23.24 min Scan# 2022
Delta R.T. 0.00 min
Lab File: BE099583.D
Acq: 9 May 2019 9:57

Tgt Ion:252 Resp: 8525

Ion	Ratio	Lower	Upper
252	100		
253	24.6	18.7	28.1
125	7.9	5.1	7.7#



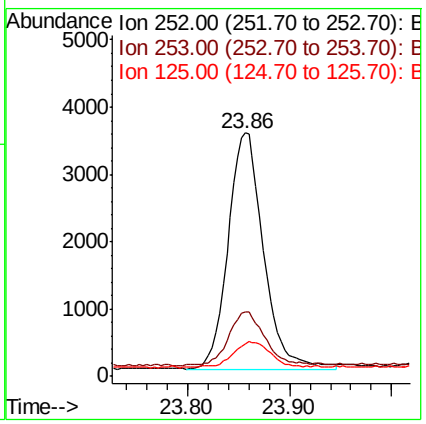


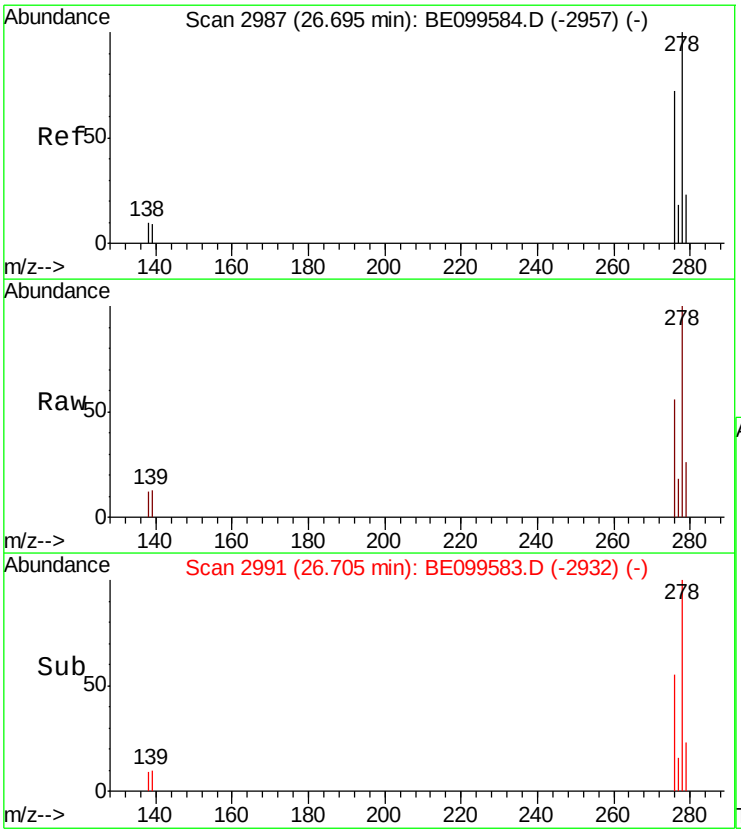
#37
Benzo(a)pyrene
Concen: 0.195 ng
RT: 23.86 min Scan# 2196
Delta R.T. 0.00 min
Lab File: BE099583.D
Acq: 9 May 2019 9:57

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 8439

Ion	Ratio	Lower	Upper
252	100		
253	26.4	18.6	27.8
125	13.3	6.4	9.6#

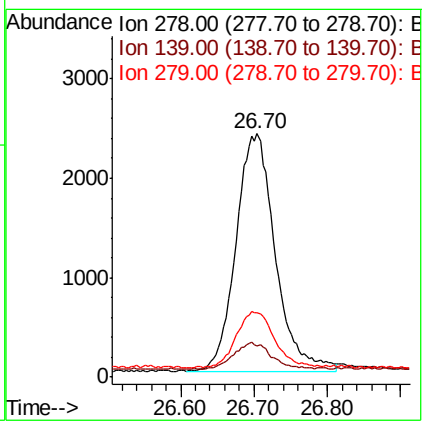


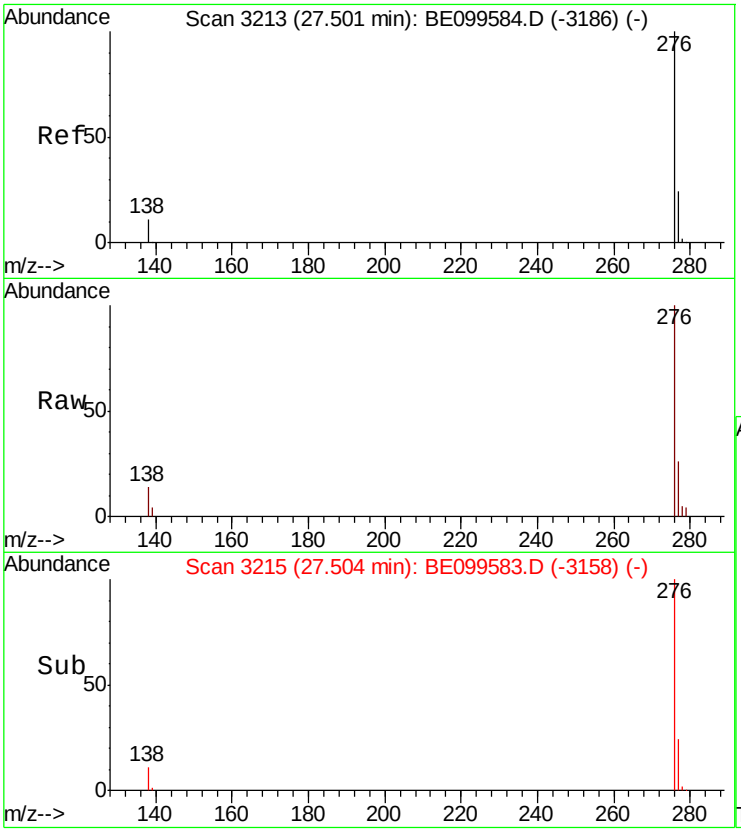


#38
Dibenzo(a,h)anthracene
Concen: 0.197 ng
RT: 26.70 min Scan# 2991
Delta R.T. 0.01 min
Lab File: BE099583.D
Acq: 9 May 2019 9:57

Tgt Ion:278 Resp: 8839

Ion	Ratio	Lower	Upper
278	100		
139	12.9	8.3	12.5#
279	26.5	19.4	29.2





#39
Benzo(g,h,i)perylene
Concen: 0.203 ng
RT: 27.50 min Scan# 3215
Delta R.T. 0.00 min
Lab File: BE099583.D
Acq: 9 May 2019 9:57

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 9133

Ion	Ratio	Lower	Upper
276	100		
277	26.0	19.8	29.6
138	13.8	9.4	14.2