Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE050819\
Data File : BE099573.D
Acq On : 8 May 2019 8:46
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: May 08 12:23:27 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 14:10:11 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	1726	0.40	ng		0.00
7) Naphthalene-d8	10.63	136	6060	0.40	ng		0.00
13) Acenaphthene-d10	14.50	164	4067	0.40	ng		0.00
19) Phenanthrene-d10	17.24	188	11928	0.40	ng		0.00
27) Chrysene-d12	21.43	240	17580	0.40	ng		0.00
34) Perylene-d12	23.97	264	20933	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.39	112	2057	0.43	ng		0.00
5) Phenol-d6	6.99	99	2673	0.42	ng		0.00
8) Nitrobenzene-d5	8.98	82	2271	0.39	ng		0.00
11) 2-Methylnaphthalene-d10	12.22	152	4153	0.39	ng		0.00
14) 2,4,6-Tribromophenol	15.98	330	996	0.37	ng		0.00
15) 2-Fluorobiphenyl	13.12	172	6550	0.43	ng		0.00
25) Fluoranthene-d10	19.28	212	65145	0.41	ng		0.00
29) Terphenyl-d14	19.87	244	13892	0.43	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.31	88	1014	0.416	ng		98
3) n-Nitrosodimethylamine	3.64	42	645	0.400	ng	#	96
6) bis(2-Chloroethyl)ether	7.24	93	2059	0.392	ng		91
9) Naphthalene	10.68	128	27305	0.425	ng		99
10) Hexachlorobutadiene	10.95	225	1972	0.423	ng		97
12) 2-Methylnaphthalene	12.31	142	4402	0.405	ng		98
16) Acenaphthylene	14.21	152	8032	0.409	ng		99
17) Acenaphthene	14.56	154	4527	0.413	ng		95
18) Fluorene	15.53	166	6678	0.427	ng		99
20) 4-Bromophenyl-phenylether	16.42	248	2752	0.406	ng		98
21) Hexachlorobenzene	16.55	284	2730	0.405	ng		98
22) Pentachlorophenol	16.91	266	912	0.329	ng		95
23) Phenanthrene	17.28	178	12261	0.417	ng		99
24) Anthracene	17.38	178	11107	0.393	ng		100
26) Fluoranthene	19.31	202	19294	0.426	ng		99
28) Pyrene	19.67	202	20392	0.433	ng		99
30) Benzo(a)anthracene	21.40	228	24308	0.446	ng		96
31) Chrysene	21.46	228	24003	0.447	ng		99
32) Bis(2-ethylhexyl)phthalate	21.32	149	36259	0.420	ng		100
33) Indeno(1,2,3-cd)pyrene	26.68	276	29991	0.470	ng		99
35) Benzo(b)fluoranthene	23.23	252	24819	0.430	ng		97
36) Benzo(k)fluoranthene	23.23	252	24819	0.437	ng		97
37) Benzo(a)pyrene	23.86	252	23710	0.426	ng	#	96
38) Dibenzo(a,h)anthracene	26.70	278	24426	0.424	ng	#	97
39) Benzo(g,h,i)perylene	27.51	276	24722	0.429	ng		99

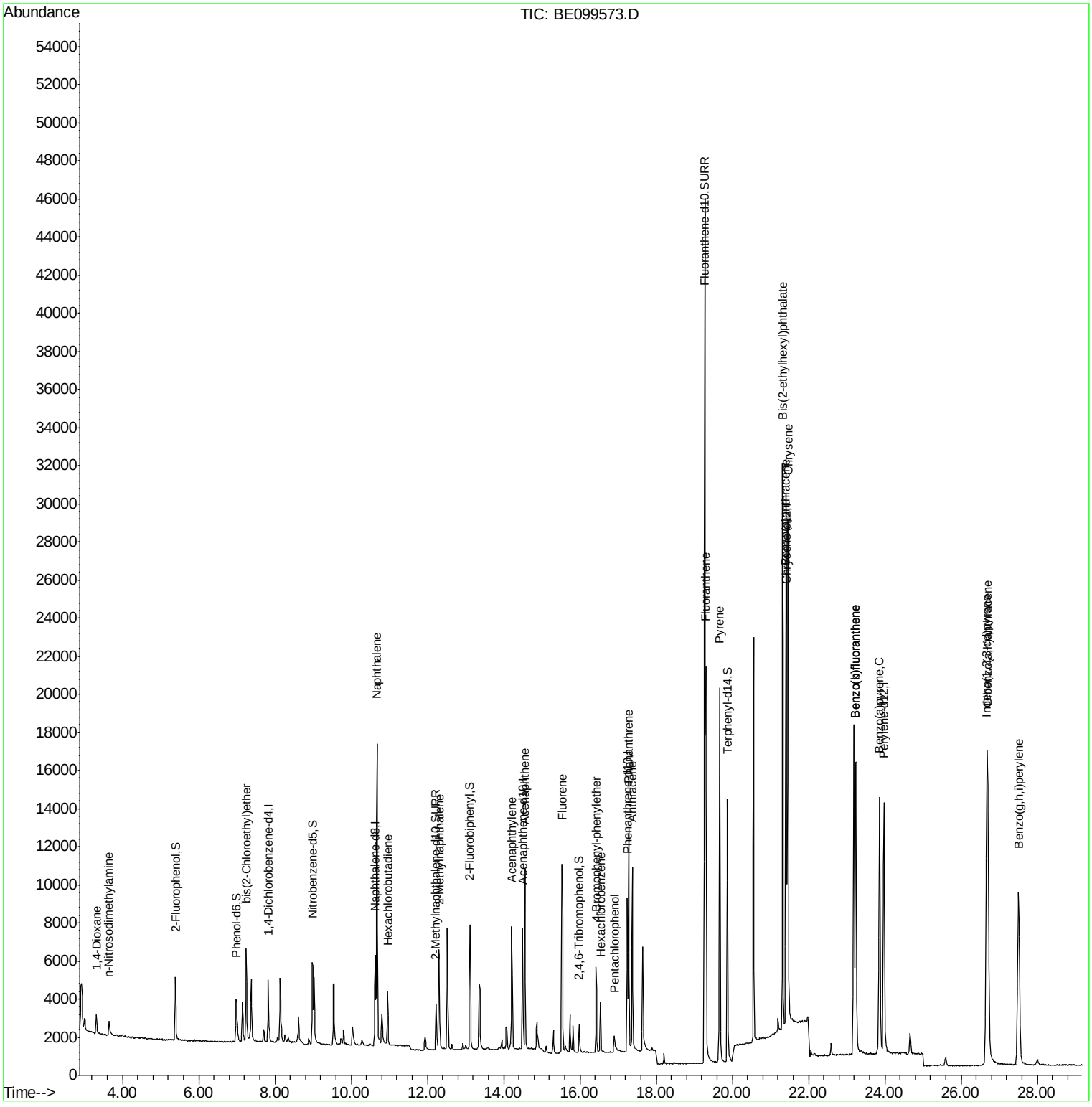
(#) = qualifier out of range (m) = manual integration (+) = signals summed

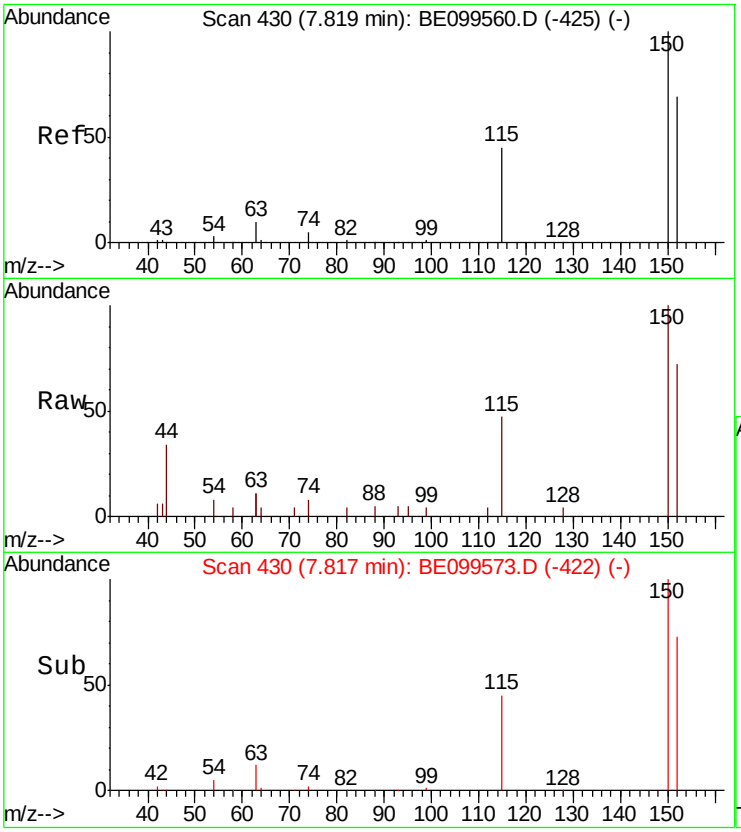
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE050819\
Data File : BE099573.D
Acq On : 8 May 2019 8:46
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: May 08 12:23:27 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 14:10:11 2019
Response via : Initial Calibration

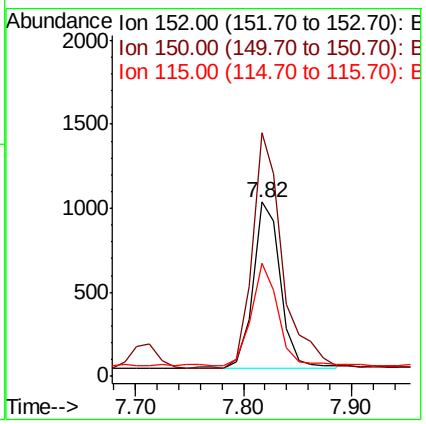




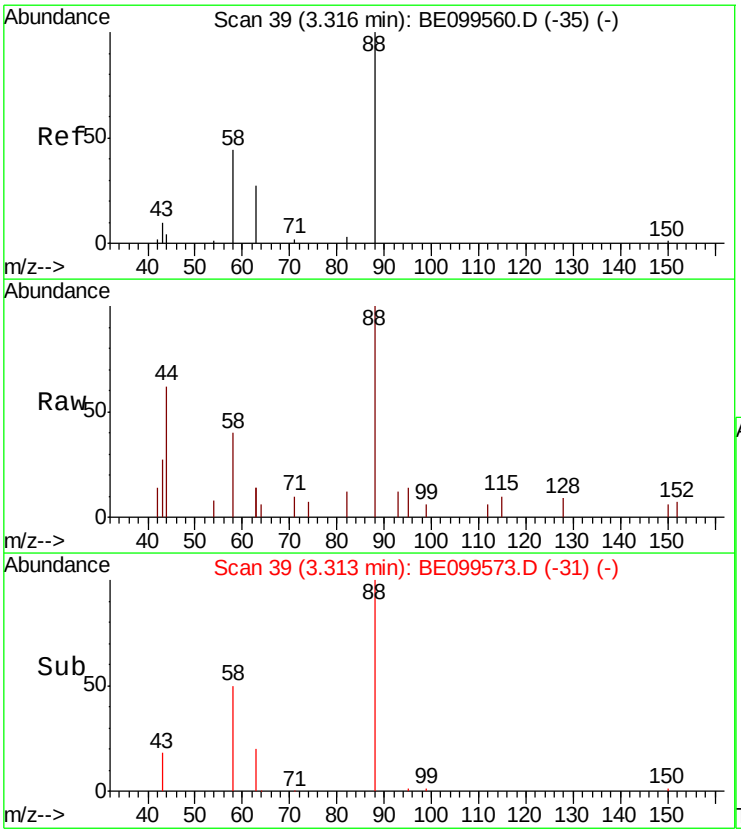
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.82 min Scan# 430
Delta R.T. -0.00 min
Lab File: BE099573.D
Acq: 8 May 2019 8:46

Tgt Ion:152 Resp: 1726

Ion	Ratio	Lower	Upper
152	100		
150	139.6	113.8	170.6
115	65.2	54.2	81.2



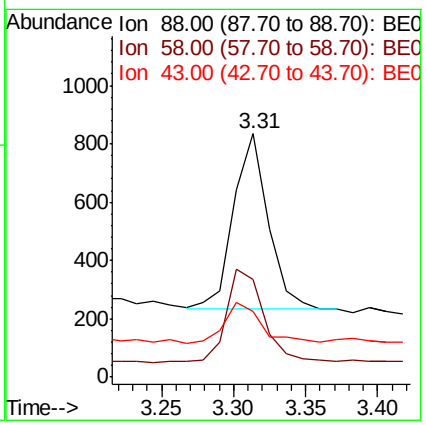
Instrument :
BNA_E
ClientSampleId :

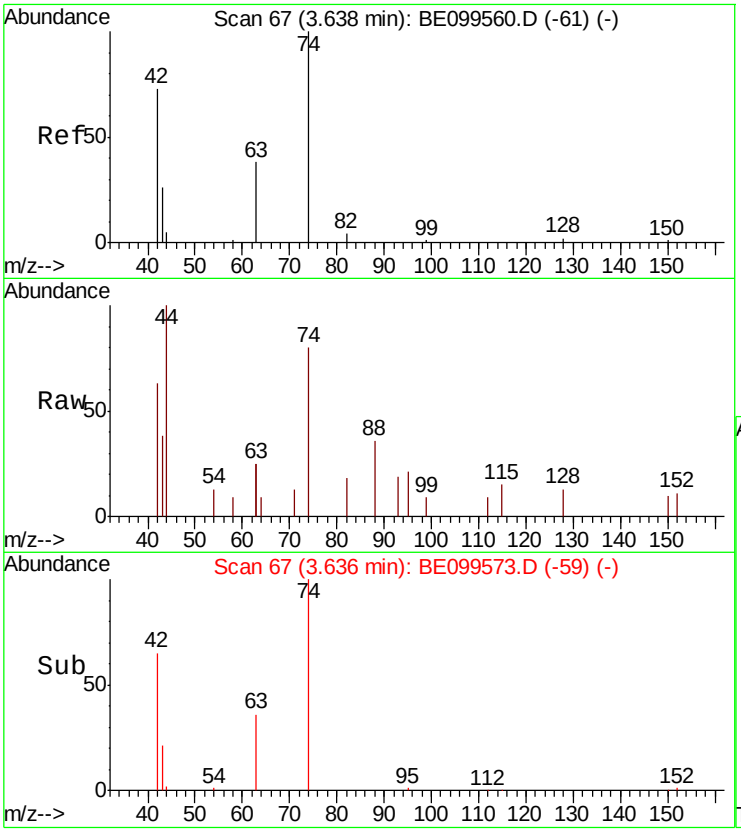


#2
1,4-Dioxane
Concen: 0.416 ng
RT: 3.31 min Scan# 39
Delta R.T. -0.00 min
Lab File: BE099573.D
Acq: 8 May 2019 8:46

Tgt Ion: 88 Resp: 1014

Ion	Ratio	Lower	Upper
88	100		
58	56.6	46.6	69.8
43	24.3	20.3	30.5



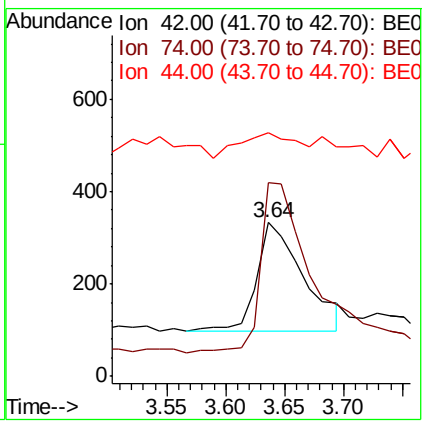


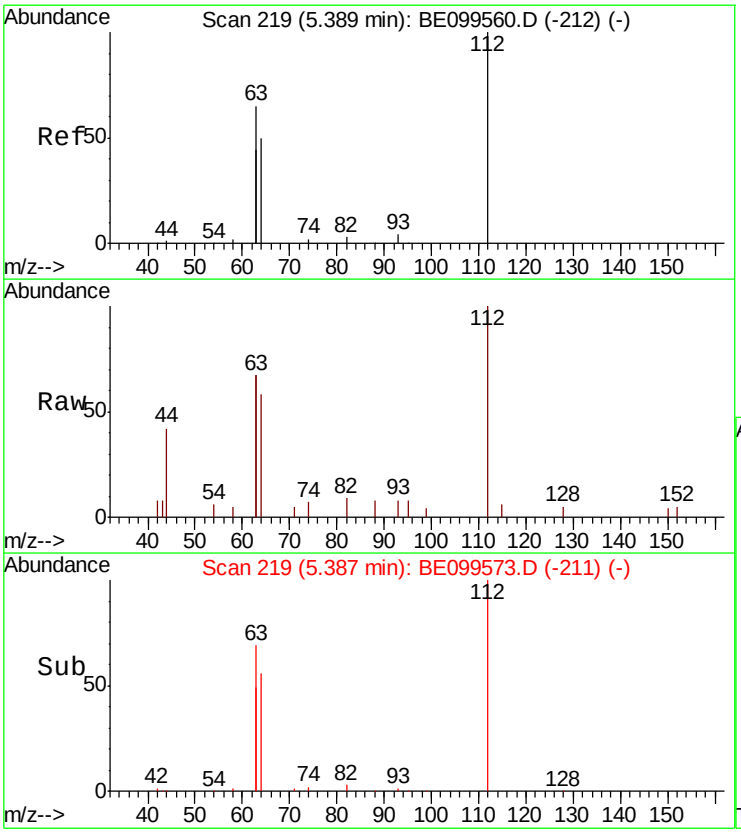
#3
n-Nitrosodimethylamine
Concen: 0.400 ng
RT: 3.64 min Scan# 67
Delta R.T. -0.00 min
Lab File: BE099573.D
Acq: 8 May 2019 8:46

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 42 Resp: 645

Ion	Ratio	Lower	Upper
42	100		
74	156.6	121.3	181.9
44	27.8	0.0	0.0#

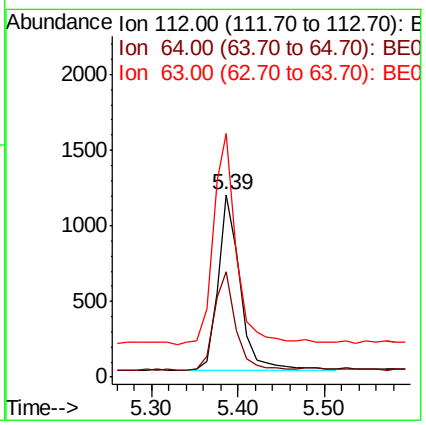


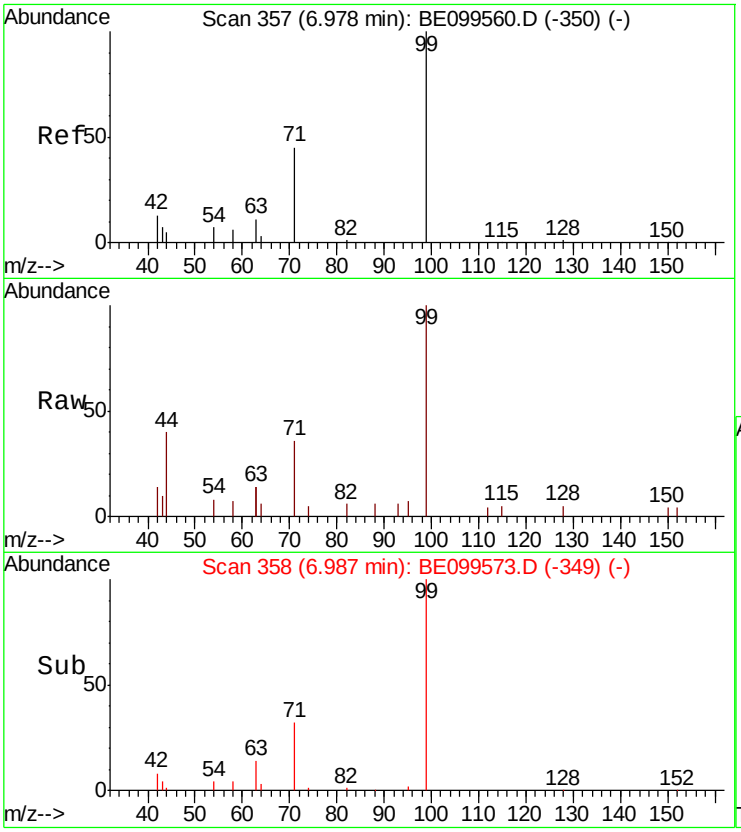


#4
2-Fluorophenol
Concen: 0.430 ng
RT: 5.39 min Scan# 219
Delta R.T. -0.00 min
Lab File: BE099573.D
Acq: 8 May 2019 8:46

Tgt Ion:112 Resp: 2057

Ion	Ratio	Lower	Upper
112	100		
64	54.8	46.3	69.5
63	126.3	99.6	149.4



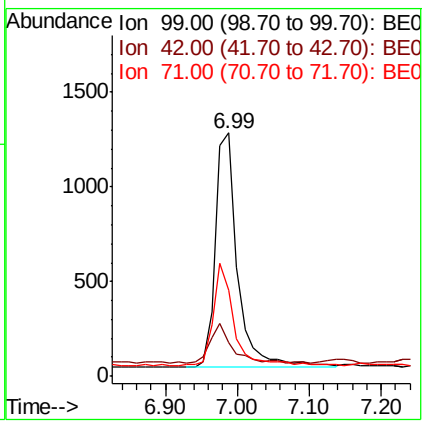


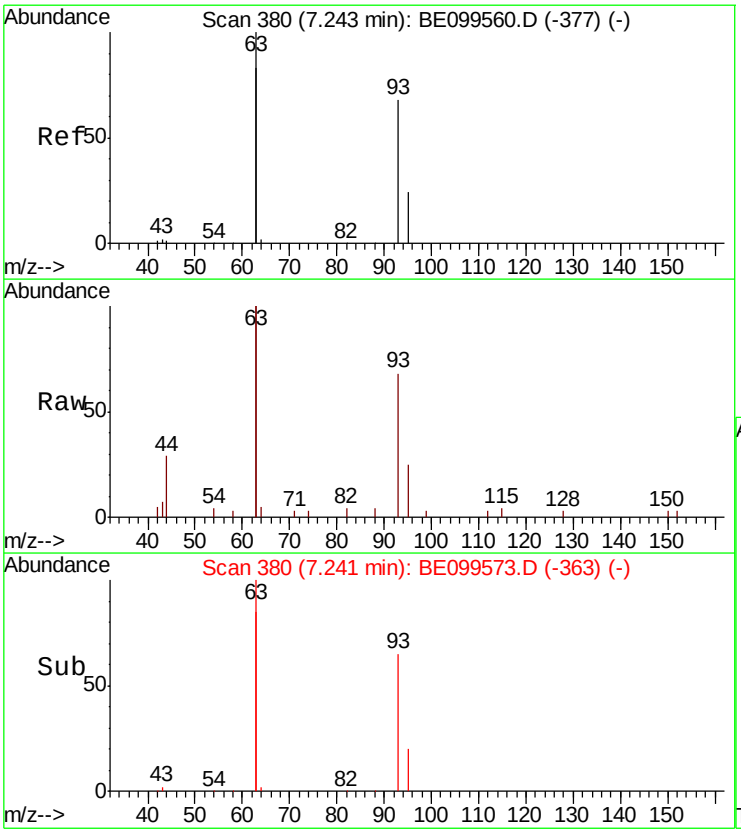
#5
Phenol-d6
Concen: 0.424 ng
RT: 6.99 min Scan# 358
Delta R.T. 0.01 min
Lab File: BE099573.D
Acq: 8 May 2019 8:46

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 99 Resp: 2673

Ion	Ratio	Lower	Upper
99	100		
42	16.9	13.4	20.0
71	39.4	34.2	51.2

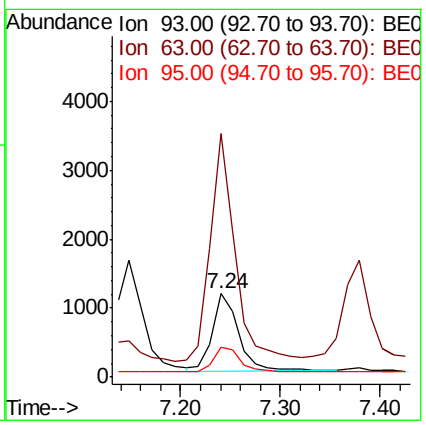


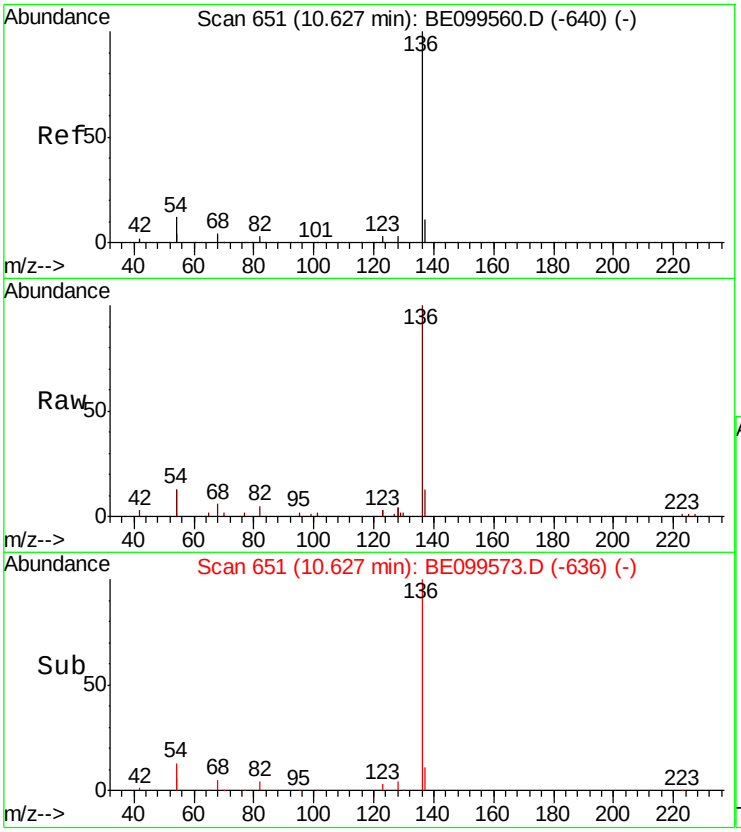


#6
bis(2-Chloroethyl)ether
Concen: 0.392 ng
RT: 7.24 min Scan# 380
Delta R.T. -0.00 min
Lab File: BE099573.D
Acq: 8 May 2019 8:46

Tgt Ion: 93 Resp: 2059

Ion	Ratio	Lower	Upper
93	100		
63	278.6	209.0	313.4
95	34.0	26.9	40.3



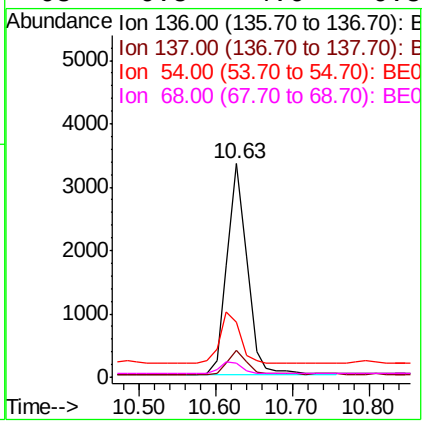


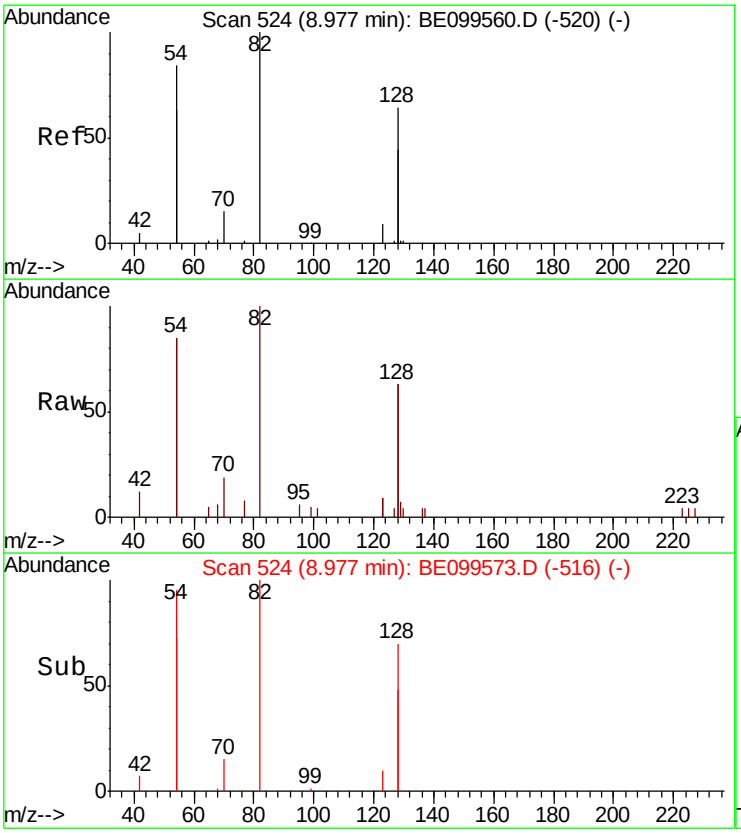
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.63 min Scan# 651
Delta R.T. 0.00 min
Lab File: BE099573.D
Acq: 8 May 2019 8:46

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:136 Resp: 6060

Ion	Ratio	Lower	Upper
136	100		
137	12.6	10.0	15.0
54	25.5	18.6	28.0
68	6.5	4.6	6.8

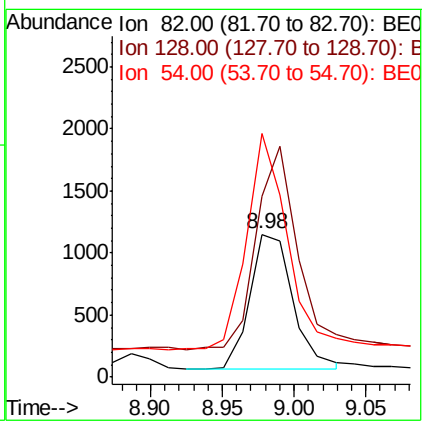


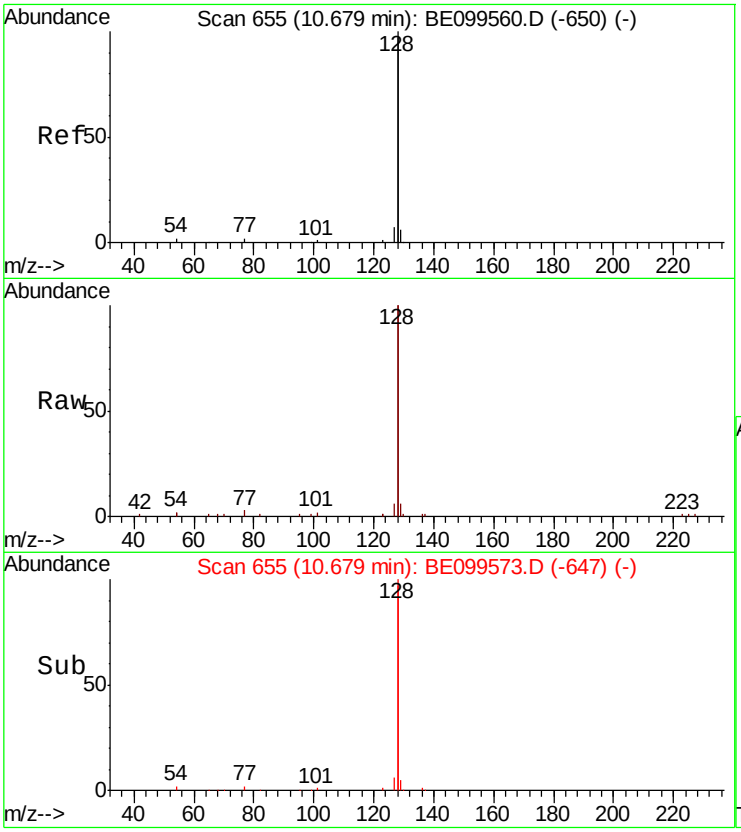


#8
Nitrobenzene-d5
Concen: 0.389 ng
RT: 8.98 min Scan# 524
Delta R.T. 0.00 min
Lab File: BE099573.D
Acq: 8 May 2019 8:46

Tgt Ion: 82 Resp: 2271

Ion	Ratio	Lower	Upper
82	100		
128	126.2	97.6	146.4
54	170.3	127.4	191.2



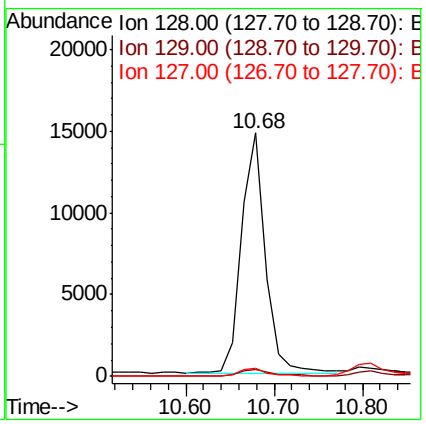


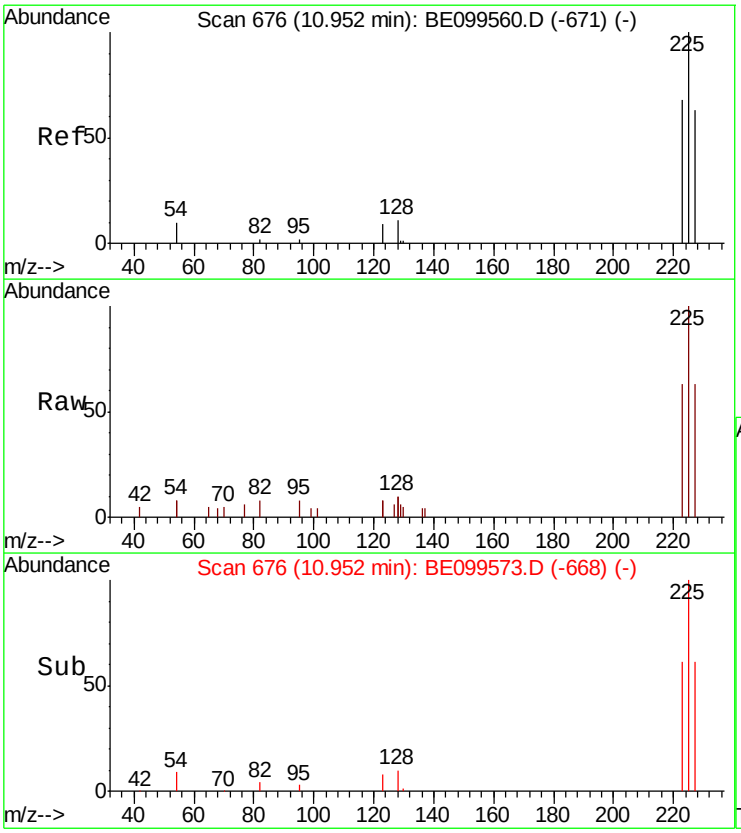
#9
Naphthalene
Concen: 0.425 ng
RT: 10.68 min Scan# 655
Delta R.T. 0.00 min
Lab File: BE099573.D
Acq: 8 May 2019 8:46

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:128 Resp: 27305

Ion	Ratio	Lower	Upper
128	100		
129	2.9	2.6	3.8
127	3.2	3.0	4.4

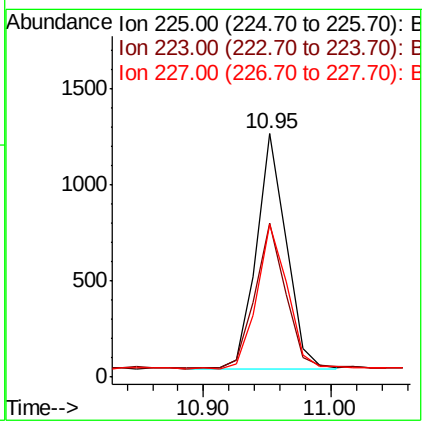


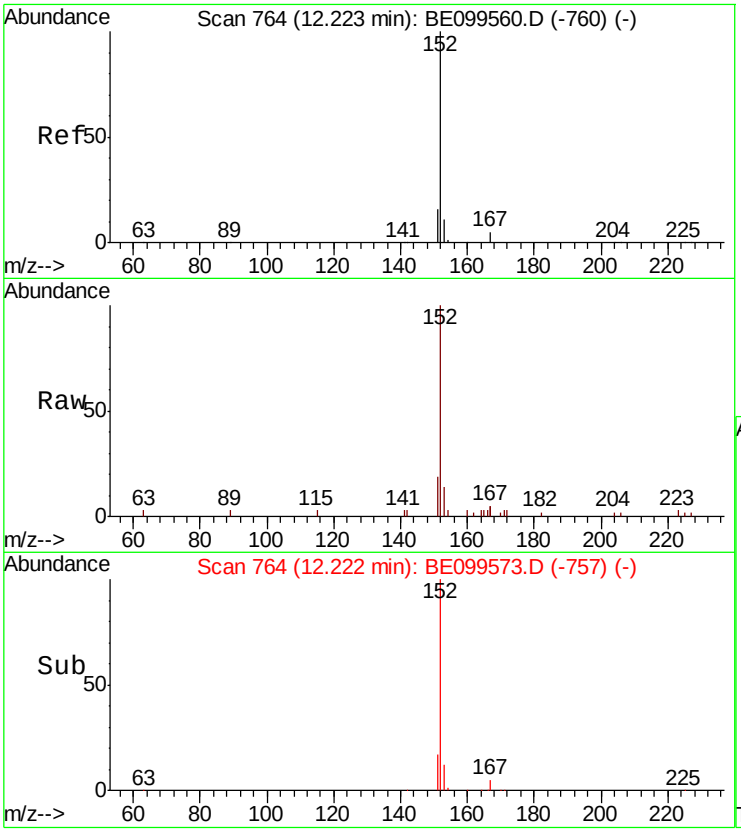


#10
Hexachlorobutadiene
Concen: 0.423 ng
RT: 10.95 min Scan# 676
Delta R.T. 0.00 min
Lab File: BE099573.D
Acq: 8 May 2019 8:46

Tgt Ion:225 Resp: 1972

Ion	Ratio	Lower	Upper
225	100		
223	62.7	53.0	79.6
227	63.1	51.4	77.0

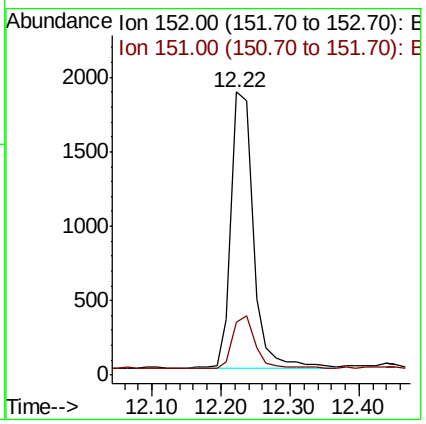




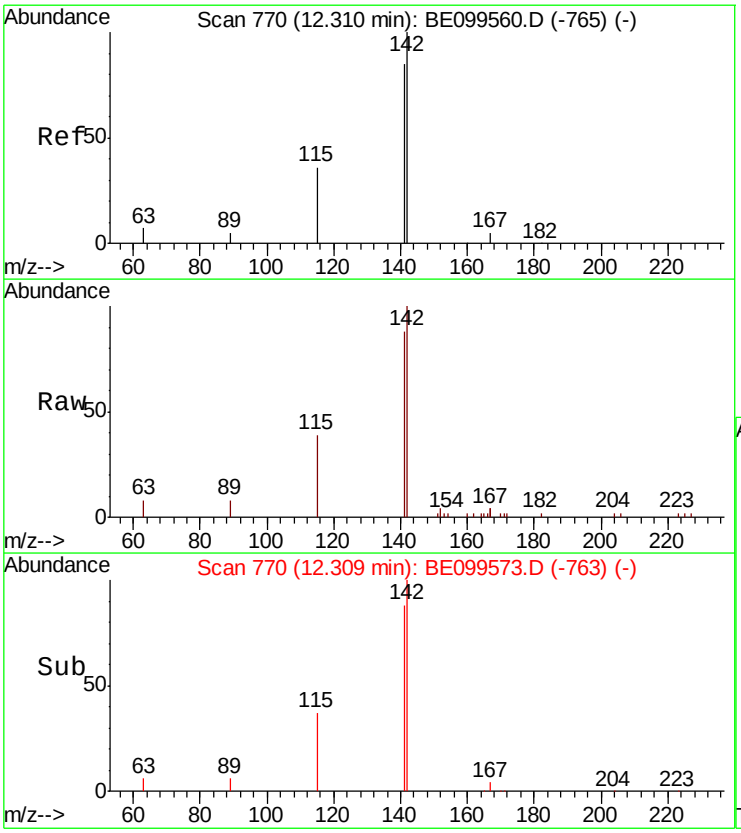
#11
2-Methylnaphthalene-d10
Concen: 0.393 ng
RT: 12.22 min Scan# 764
Delta R.T. -0.00 min
Lab File: BE099573.D
Acq: 8 May 2019 8:46

Tgt Ion:152 Resp: 4153

Ion	Ratio	Lower	Upper
152	100		
151	19.3	15.8	23.8



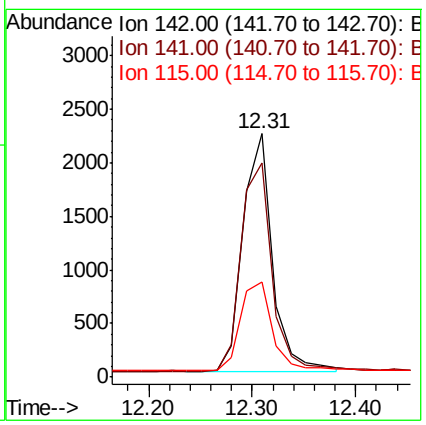
Instrument :
BNA_E
ClientSampleId :

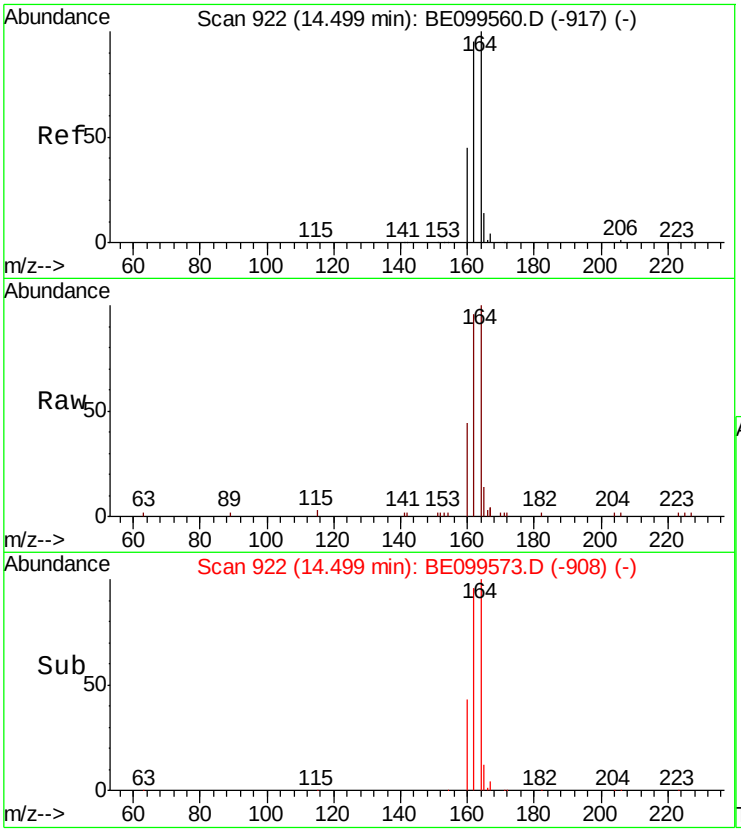


#12
2-Methylnaphthalene
Concen: 0.405 ng
RT: 12.31 min Scan# 770
Delta R.T. -0.00 min
Lab File: BE099573.D
Acq: 8 May 2019 8:46

Tgt Ion:142 Resp: 4402

Ion	Ratio	Lower	Upper
142	100		
141	87.9	68.1	102.1
115	39.2	30.8	46.2



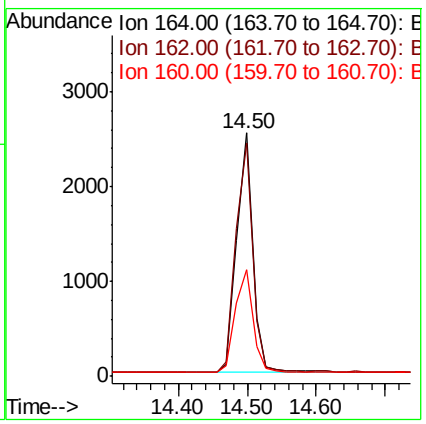


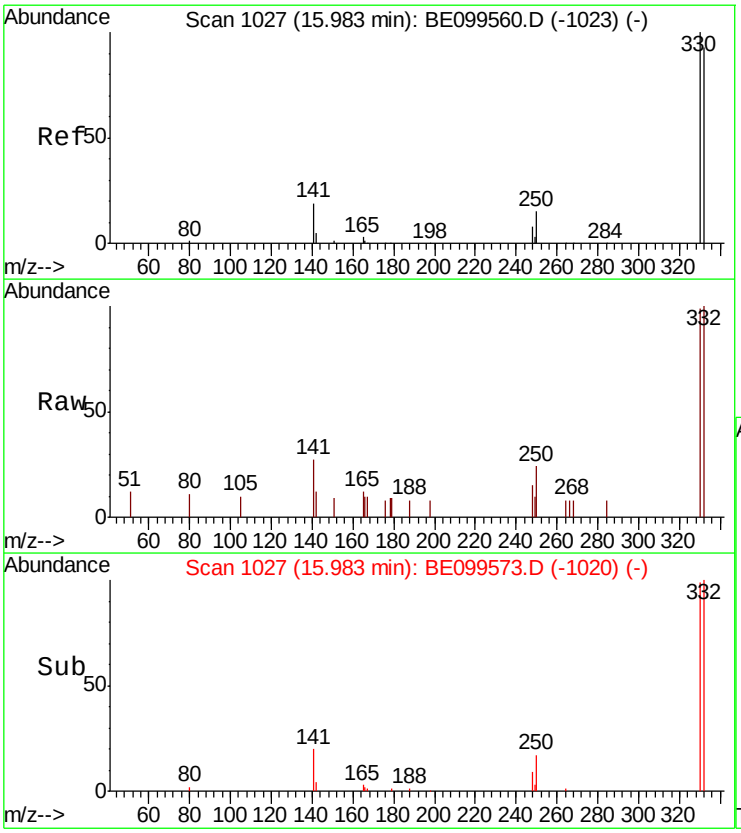
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.50 min Scan# 922
Delta R.T. -0.00 min
Lab File: BE099573.D
Acq: 8 May 2019 8:46

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:164 Resp: 4067

Ion	Ratio	Lower	Upper
164	100		
162	95.7	76.4	114.6
160	43.6	36.6	55.0

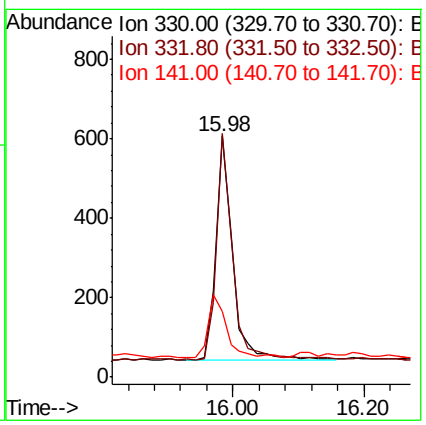


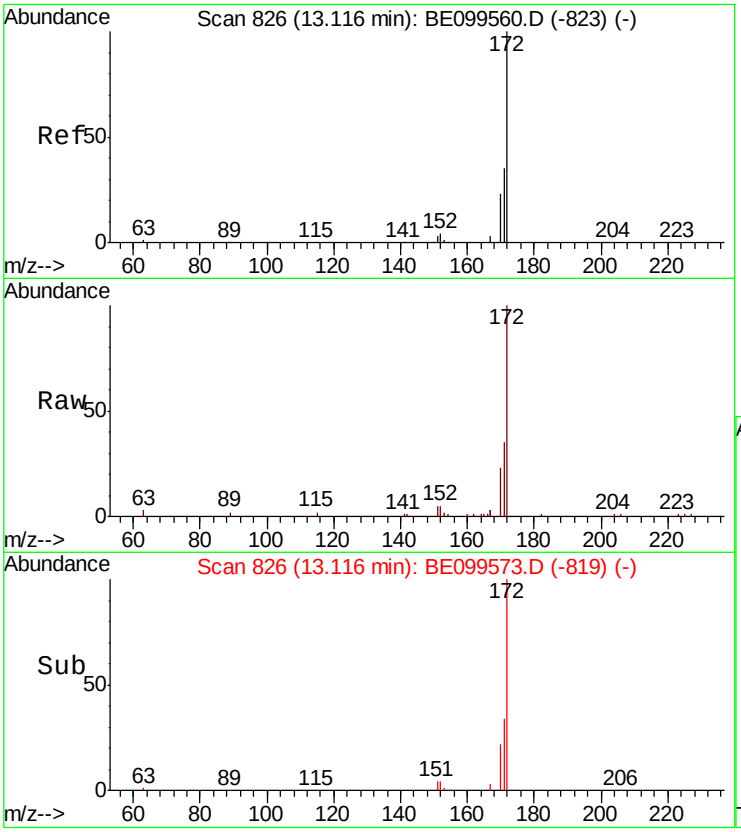


#14
2,4,6-Tribromophenol
Concen: 0.368 ng
RT: 15.98 min Scan# 1027
Delta R.T. 0.00 min
Lab File: BE099573.D
Acq: 8 May 2019 8:46

Tgt Ion:330 Resp: 996

Ion	Ratio	Lower	Upper
330	100		
332	99.7	77.7	116.5
141	31.3	26.1	39.1



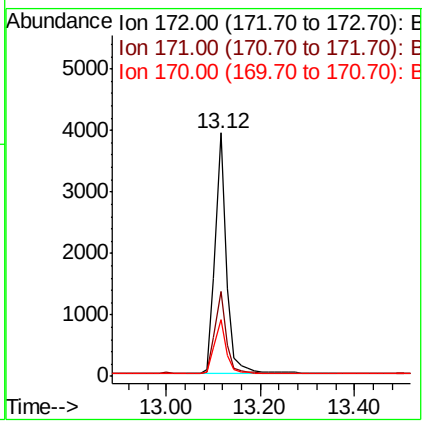


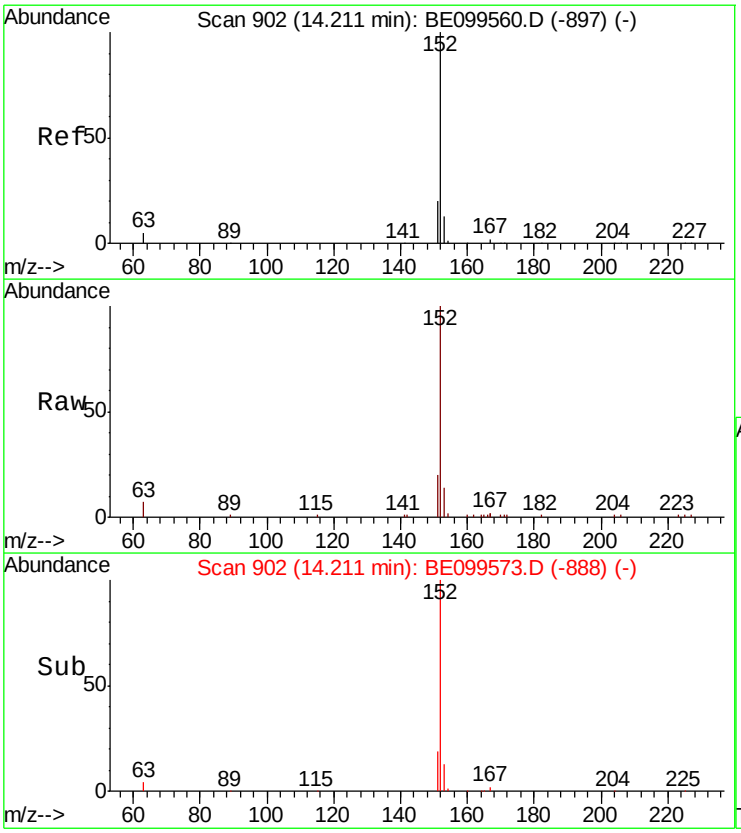
#15
2-Fluorobiphenyl
Concen: 0.425 ng
RT: 13.12 min Scan# 826
Delta R.T. -0.00 min
Lab File: BE099573.D
Acq: 8 May 2019 8:46

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:172 Resp: 6550

Ion	Ratio	Lower	Upper
172	100		
171	35.0	28.4	42.6
170	23.4	18.8	28.2

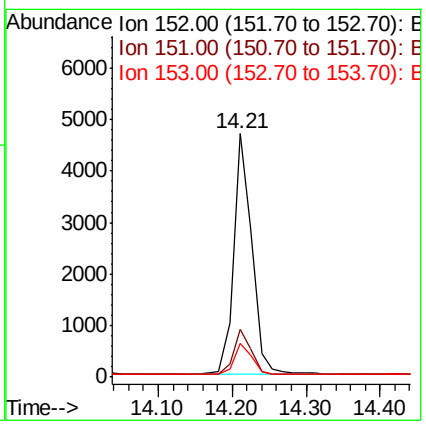


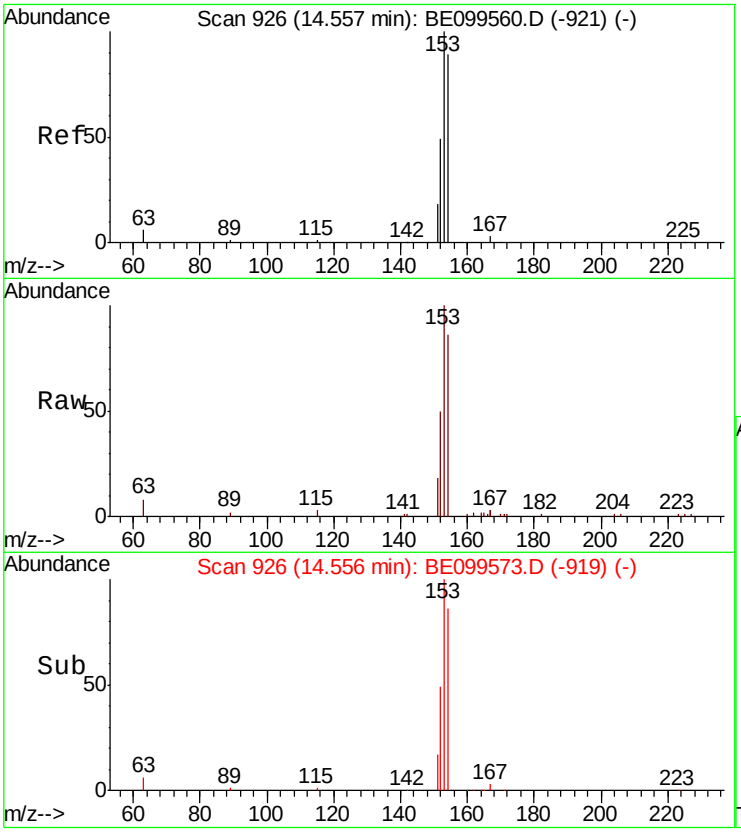


#16
Acenaphthylene
Concen: 0.409 ng
RT: 14.21 min Scan# 902
Delta R.T. -0.00 min
Lab File: BE099573.D
Acq: 8 May 2019 8:46

Tgt Ion:152 Resp: 8032

Ion	Ratio	Lower	Upper
152	100		
151	18.8	15.8	23.8
153	13.1	10.5	15.7



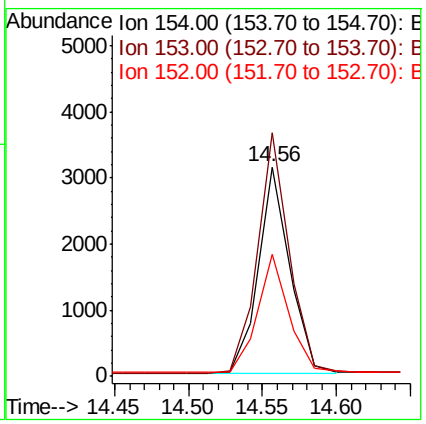


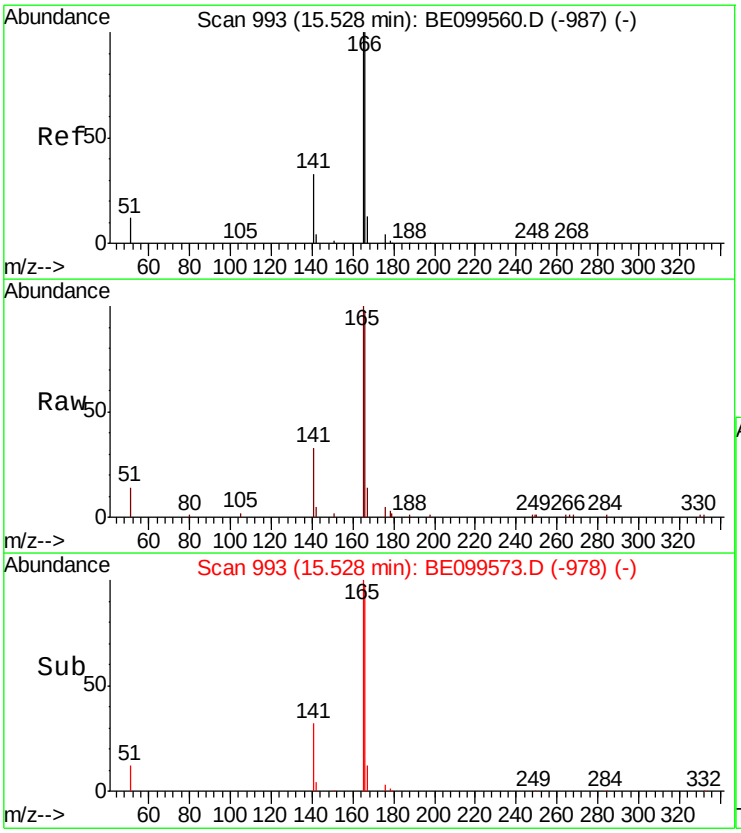
#17
Acenaphthene
Concen: 0.413 ng
RT: 14.56 min Scan# 926
Delta R.T. -0.00 min
Lab File: BE099573.D
Acq: 8 May 2019 8:46

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:154 Resp: 4527

Ion	Ratio	Lower	Upper
154	100		
153	117.5	89.7	134.5
152	57.8	43.9	65.9

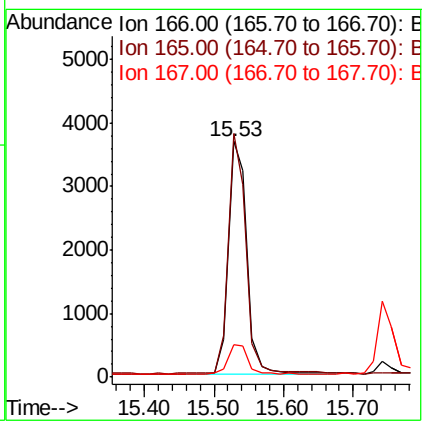


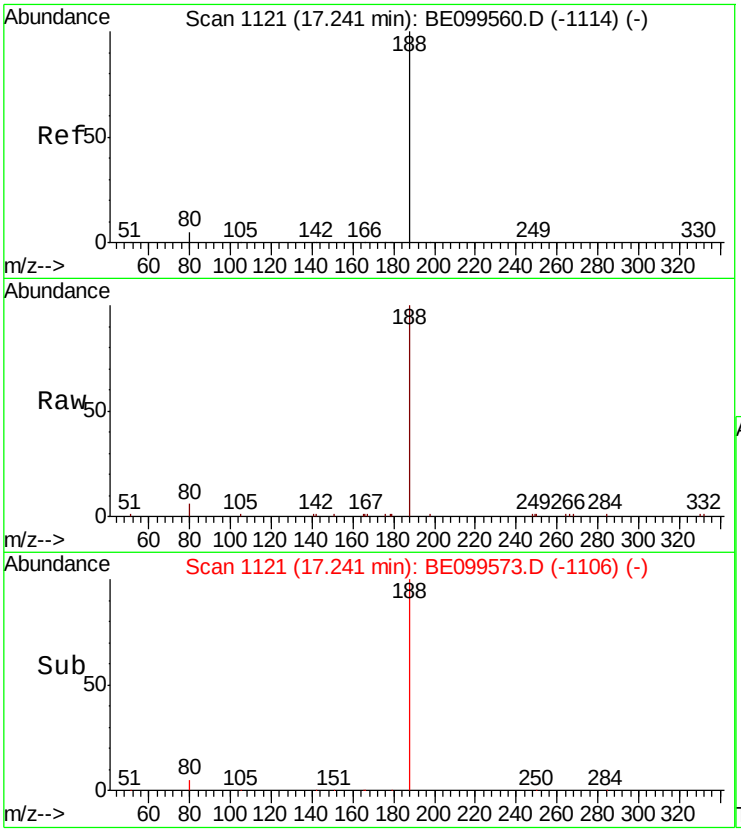


#18
Fluorene
Concen: 0.427 ng
RT: 15.53 min Scan# 993
Delta R.T. 0.00 min
Lab File: BE099573.D
Acq: 8 May 2019 8:46

Tgt Ion:166 Resp: 6678

Ion	Ratio	Lower	Upper
166	100		
165	99.1	79.0	118.6
167	13.1	11.5	17.3



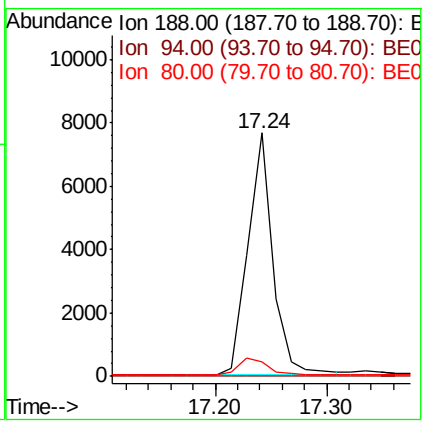


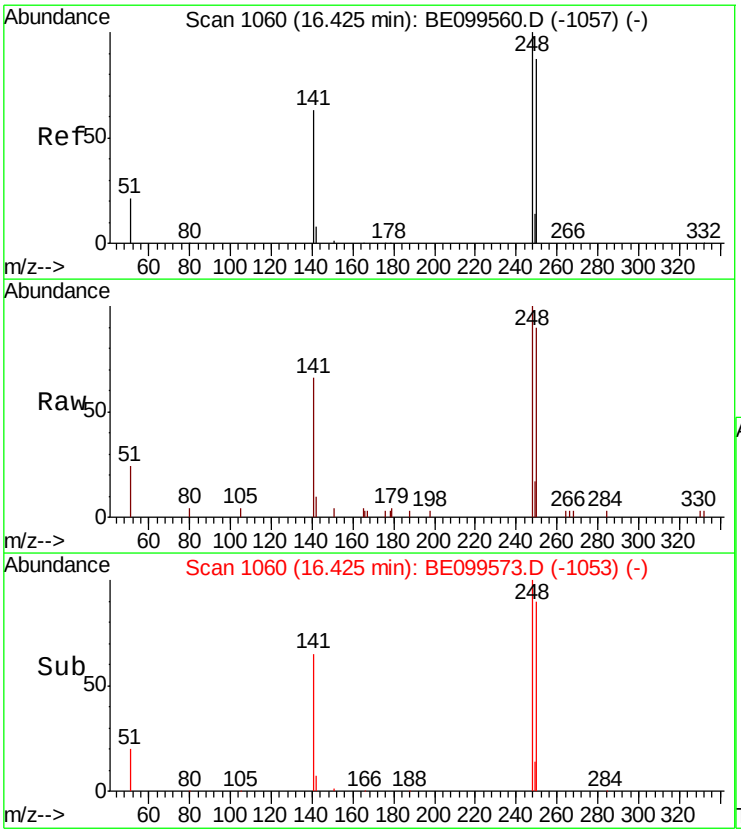
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.24 min Scan# 1121
Delta R.T. 0.00 min
Lab File: BE099573.D
Acq: 8 May 2019 8:46

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:188 Resp: 11928

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	5.9	4.6	7.0

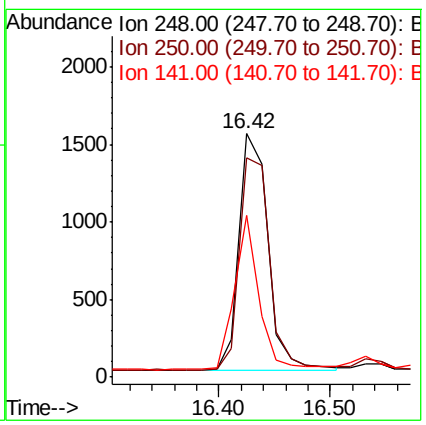


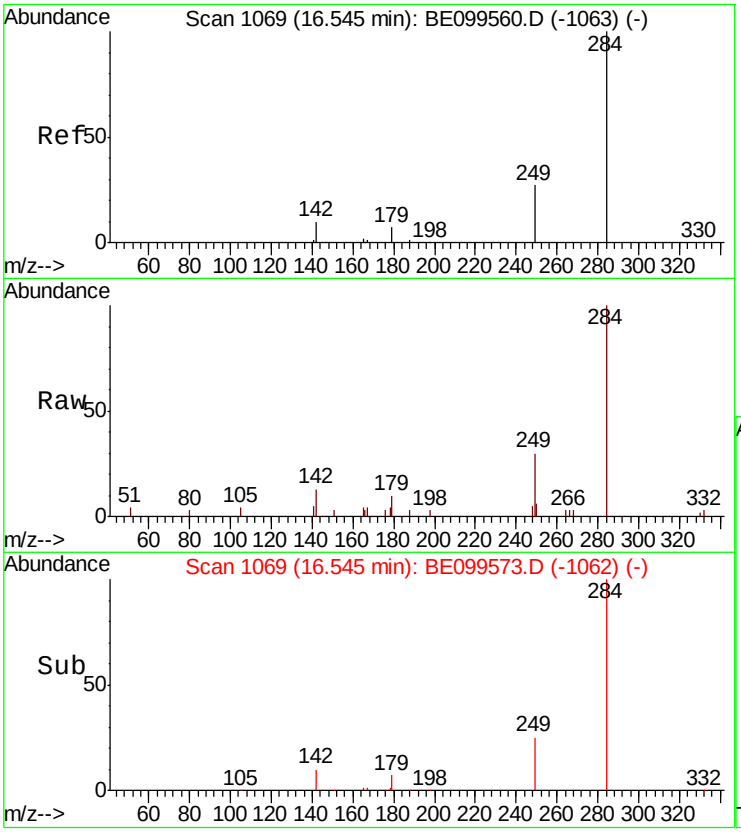


#20
4-Bromophenyl-phenylether
Concen: 0.406 ng
RT: 16.42 min Scan# 1060
Delta R.T. 0.00 min
Lab File: BE099573.D
Acq: 8 May 2019 8:46

Tgt Ion:248 Resp: 2752

Ion	Ratio	Lower	Upper
248	100		
250	89.9	70.0	105.0
141	66.5	51.8	77.8



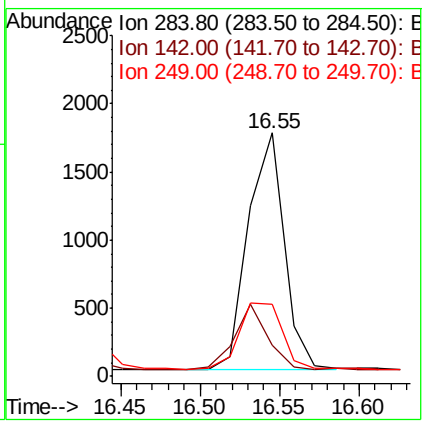


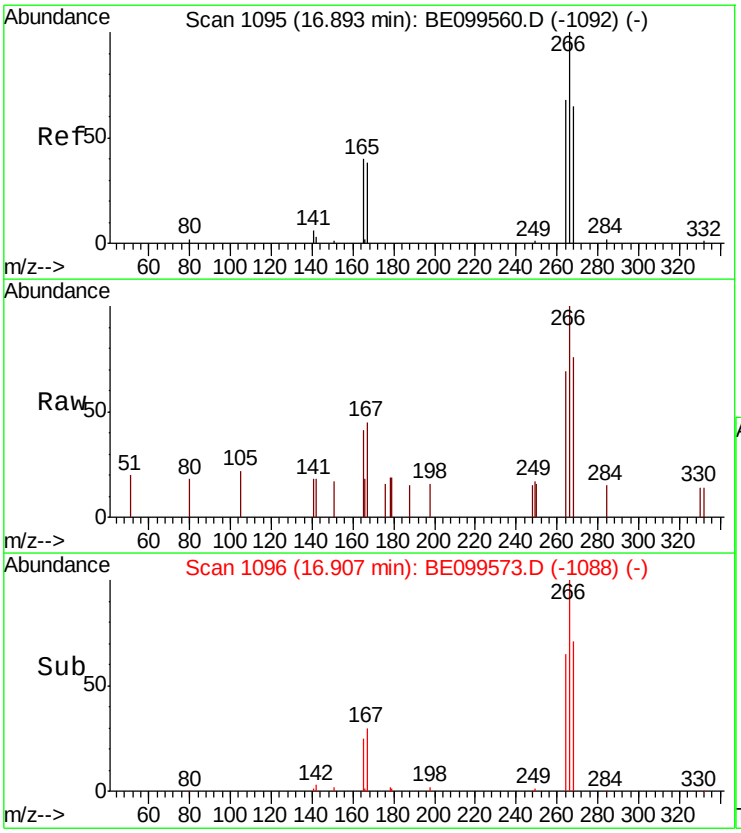
#21
Hexachlorobenzene
Concen: 0.405 ng
RT: 16.55 min Scan# 1069
Delta R.T. 0.00 min
Lab File: BE099573.D
Acq: 8 May 2019 8:46

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:284 Resp: 2730

Ion	Ratio	Lower	Upper
284	100		
142	25.9	19.5	29.3
249	33.4	26.2	39.2

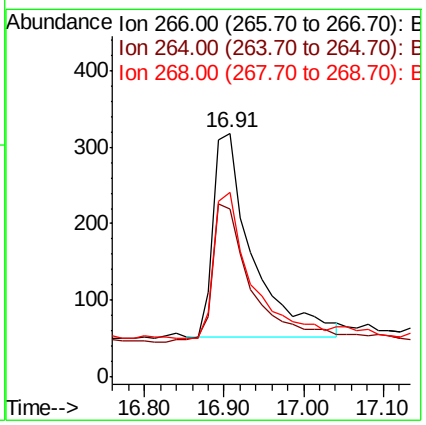


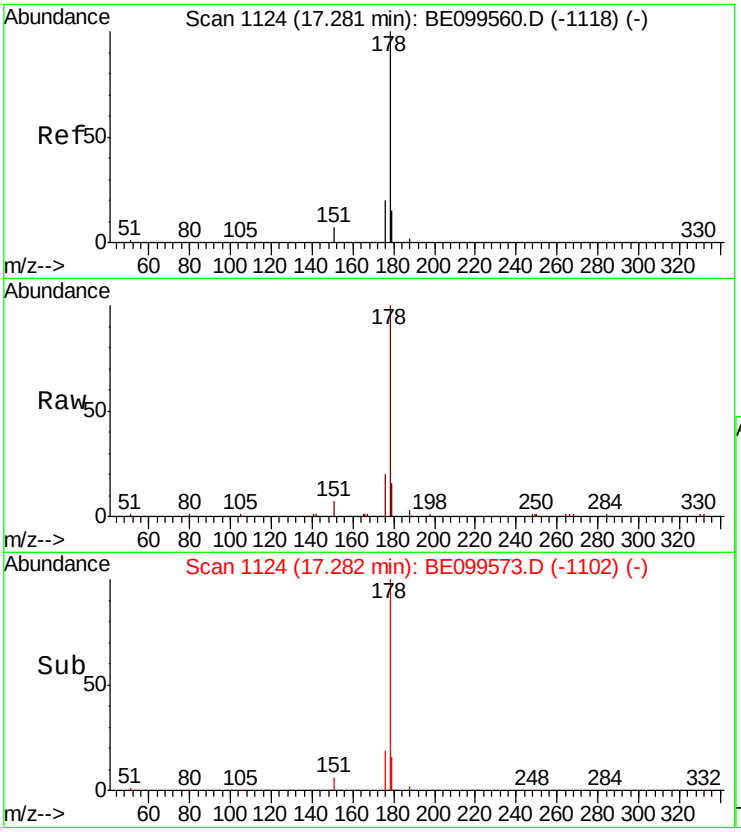


#22
Pentachlorophenol
Concen: 0.329 ng
RT: 16.91 min Scan# 1096
Delta R.T. 0.01 min
Lab File: BE099573.D
Acq: 8 May 2019 8:46

Tgt Ion:266 Resp: 912

Ion	Ratio	Lower	Upper
266	100		
264	68.9	56.6	84.8
268	75.8	55.8	83.8



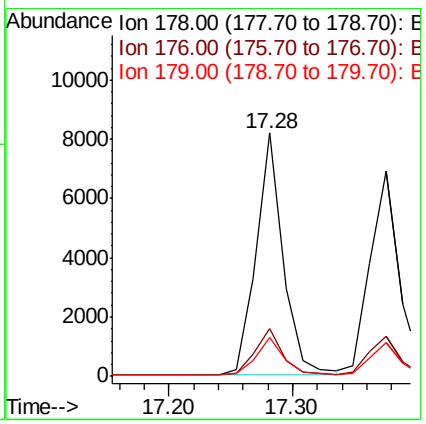


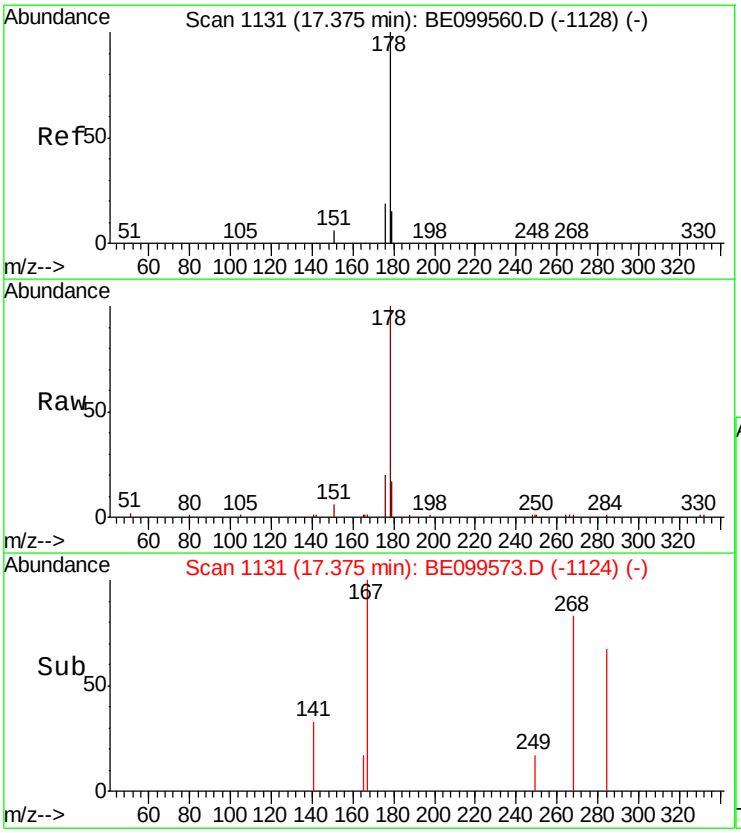
#23
Phenanthrene
Concen: 0.417 ng
RT: 17.28 min Scan# 1124
Delta R.T. 0.00 min
Lab File: BE099573.D
Acq: 8 May 2019 8:46

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 12261

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.8	23.6
179	15.6	12.5	18.7

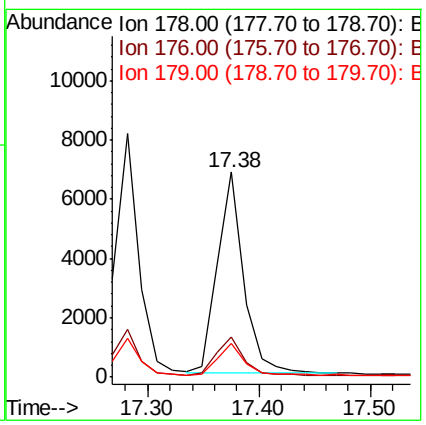


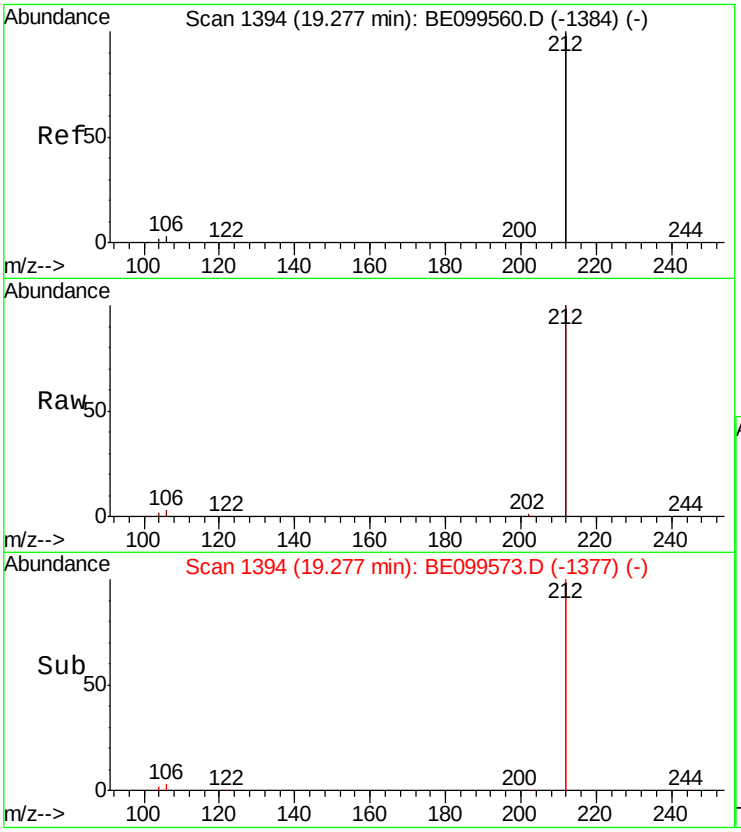


#24
Anthracene
Concen: 0.393 ng
RT: 17.38 min Scan# 1131
Delta R.T. 0.00 min
Lab File: BE099573.D
Acq: 8 May 2019 8:46

Tgt Ion:178 Resp: 11107

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.3	22.9
179	15.2	12.2	18.4



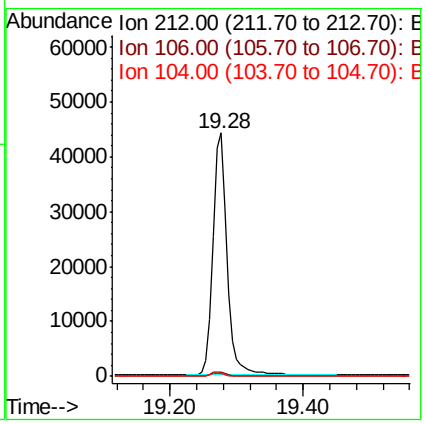


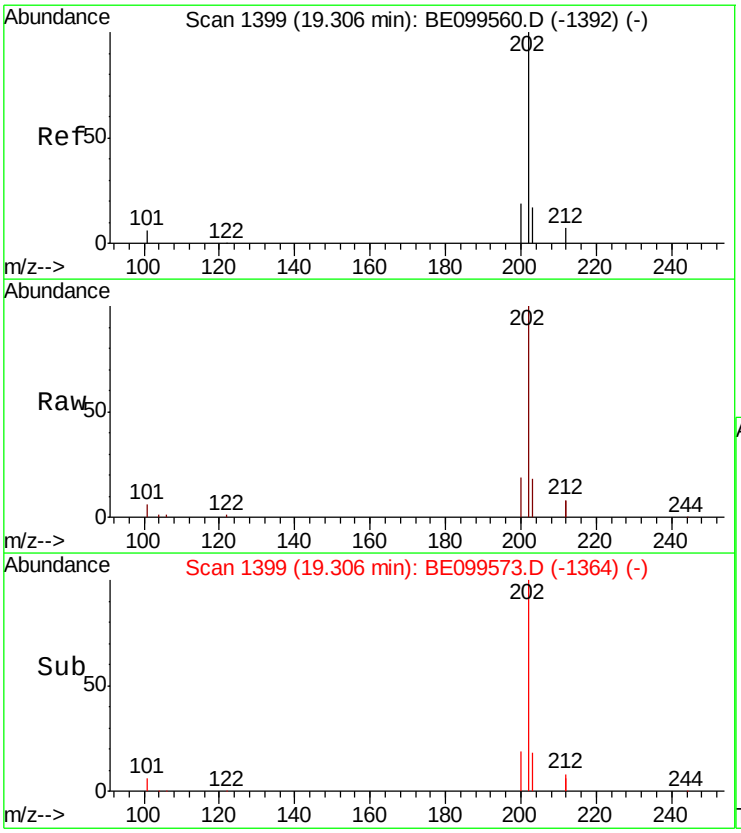
#25
Fluoranthene-d10
Concen: 0.406 ng
RT: 19.28 min Scan# 1394
Delta R.T. 0.00 min
Lab File: BE099573.D
Acq: 8 May 2019 8:46

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:212 Resp: 65145

Ion	Ratio	Lower	Upper
212	100		
106	1.8	1.4	2.0
104	1.1	0.8	1.2

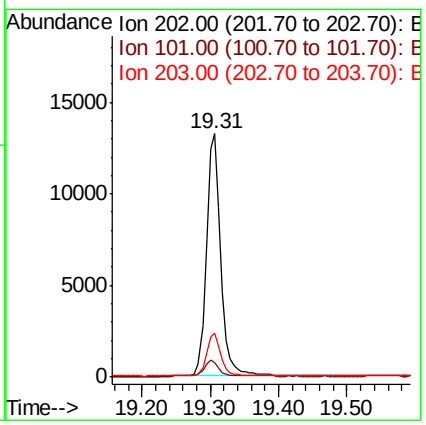


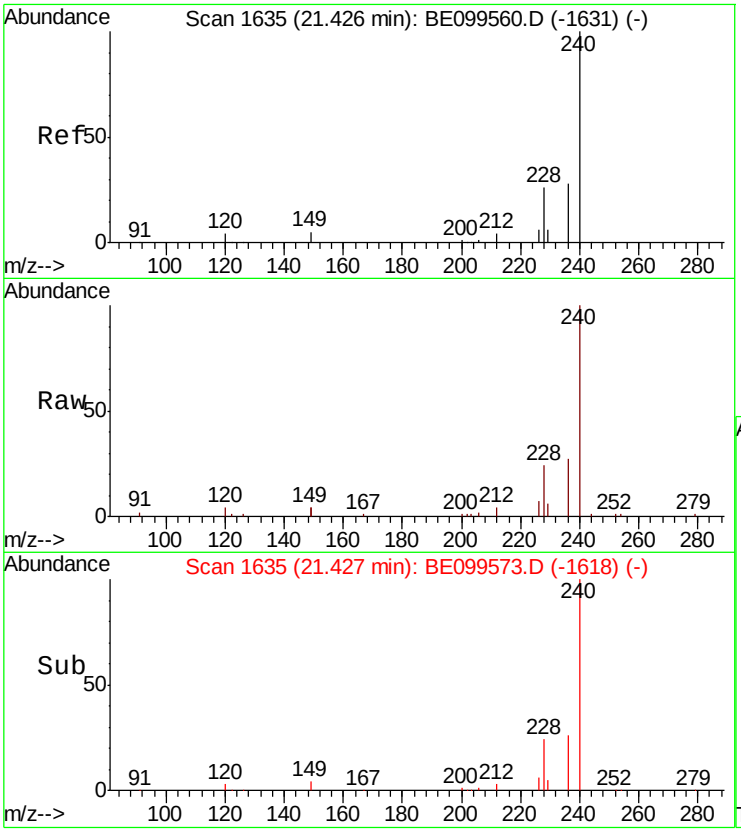


#26
Fluoranthene
Concen: 0.426 ng
RT: 19.31 min Scan# 1399
Delta R.T. 0.00 min
Lab File: BE099573.D
Acq: 8 May 2019 8:46

Tgt Ion:202 Resp: 19294

Ion	Ratio	Lower	Upper
202	100		
101	6.3	5.3	7.9
203	17.5	13.4	20.2



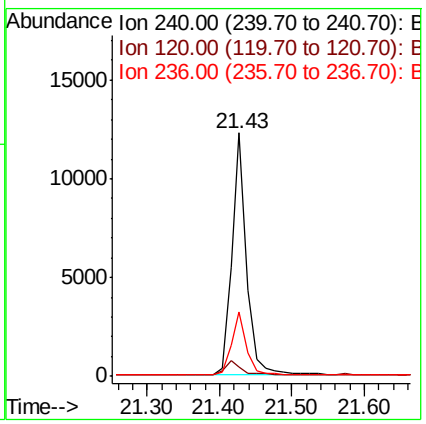


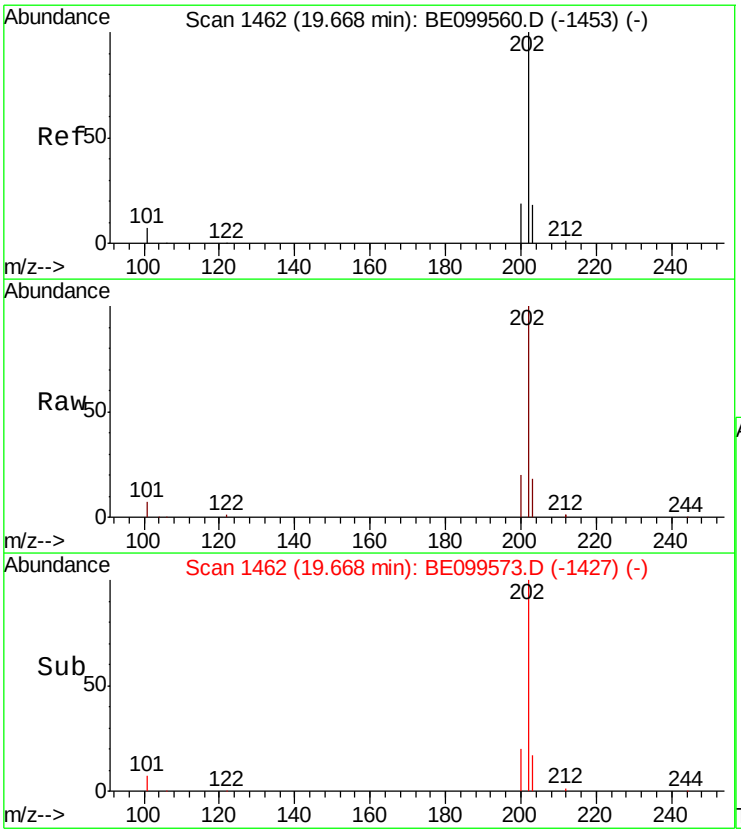
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.43 min Scan# 1635
Delta R.T. 0.00 min
Lab File: BE099573.D
Acq: 8 May 2019 8:46

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:240 Resp: 17580

Ion	Ratio	Lower	Upper
240	100		
120	4.0	3.8	5.6
236	26.7	22.5	33.7

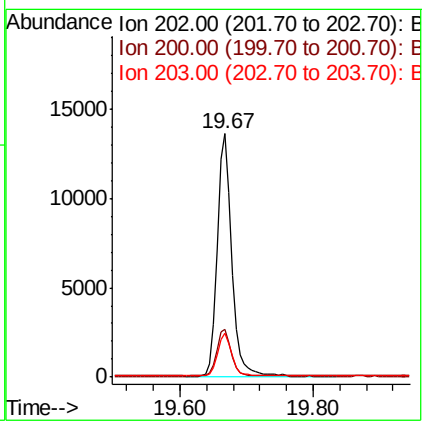


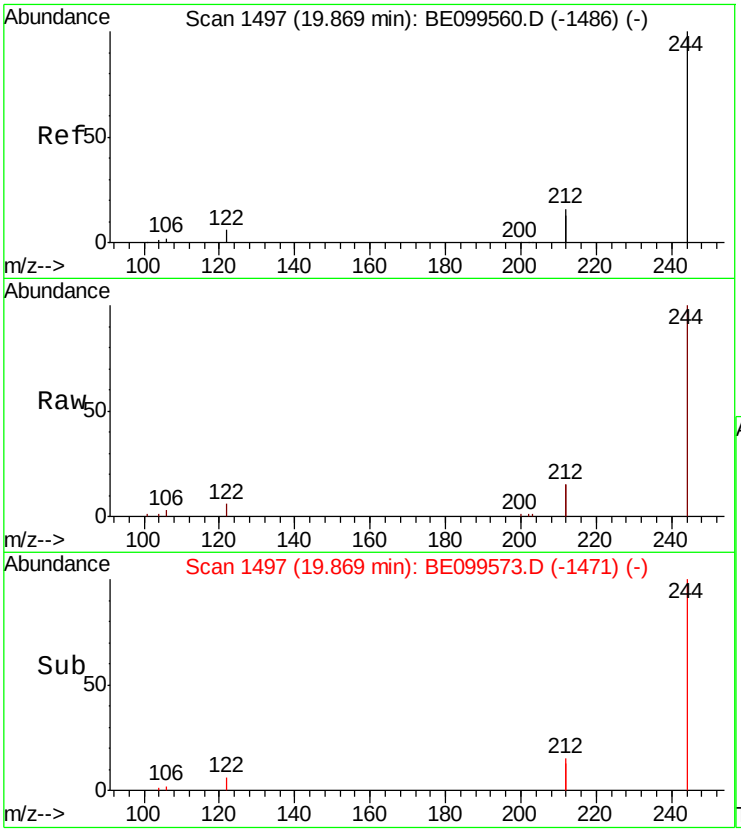


#28
Pyrene
Concen: 0.433 ng
RT: 19.67 min Scan# 1462
Delta R.T. 0.00 min
Lab File: BE099573.D
Acq: 8 May 2019 8:46

Tgt Ion:202 Resp: 20392

Ion	Ratio	Lower	Upper
202	100		
200	19.5	15.8	23.6
203	17.0	14.1	21.1



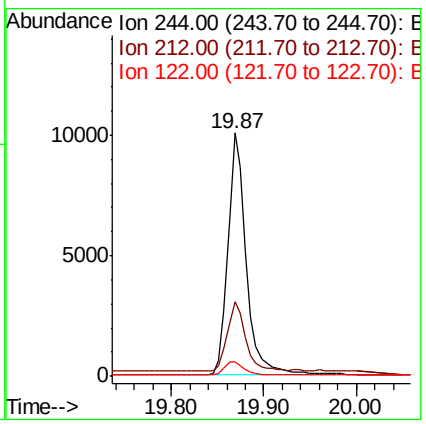


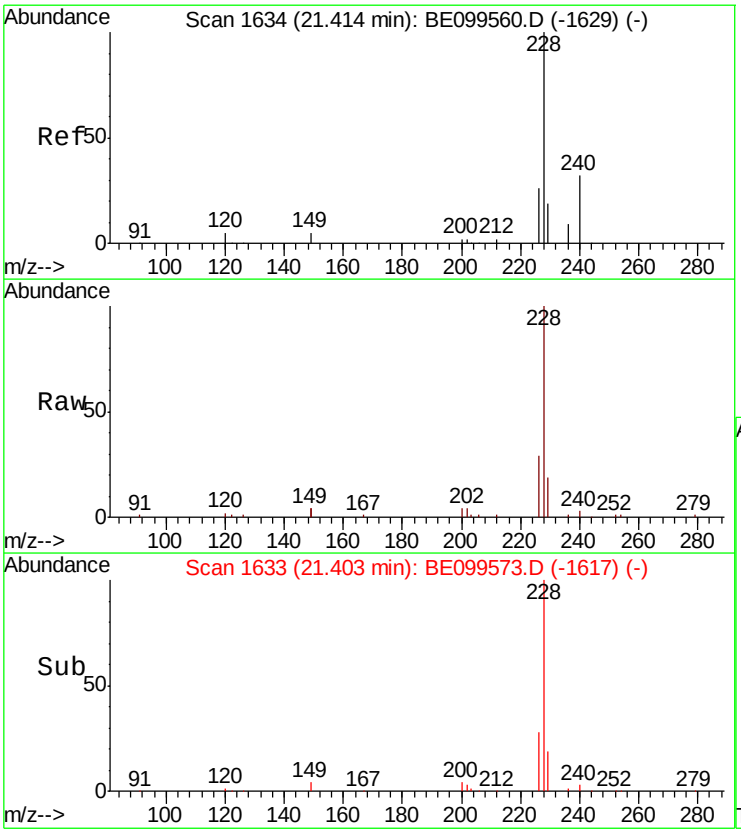
#29
Terphenyl-d14
Concen: 0.426 ng
RT: 19.87 min Scan# 1497
Delta R.T. 0.00 min
Lab File: BE099573.D
Acq: 8 May 2019 8:46

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:244 Resp: 13892

Ion	Ratio	Lower	Upper
244	100		
212	30.5	24.6	37.0
122	6.1	5.0	7.6

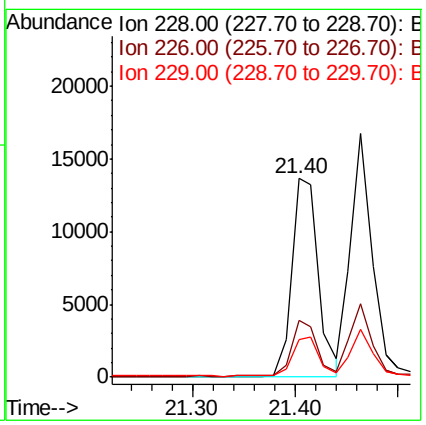


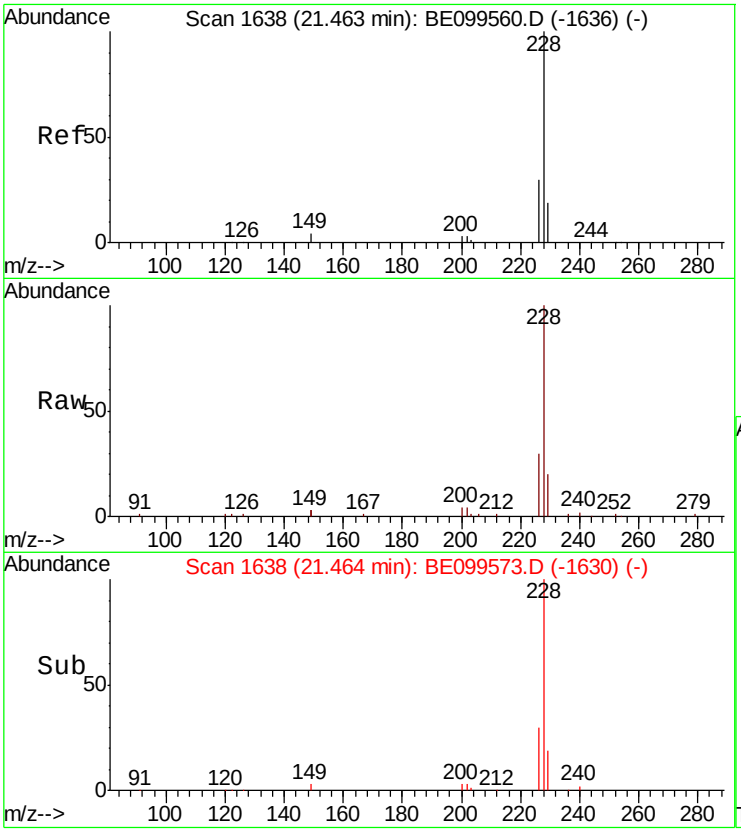


#30
Benzo(a)anthracene
Concen: 0.446 ng
RT: 21.40 min Scan# 1633
Delta R.T. -0.01 min
Lab File: BE099573.D
Acq: 8 May 2019 8:46

Tgt Ion:228 Resp: 24308

Ion	Ratio	Lower	Upper
228	100		
226	28.6	20.9	31.3
229	19.2	16.1	24.1



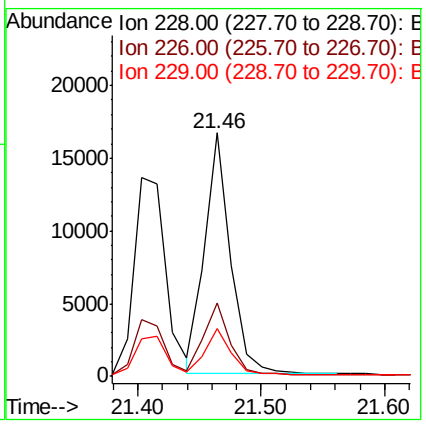


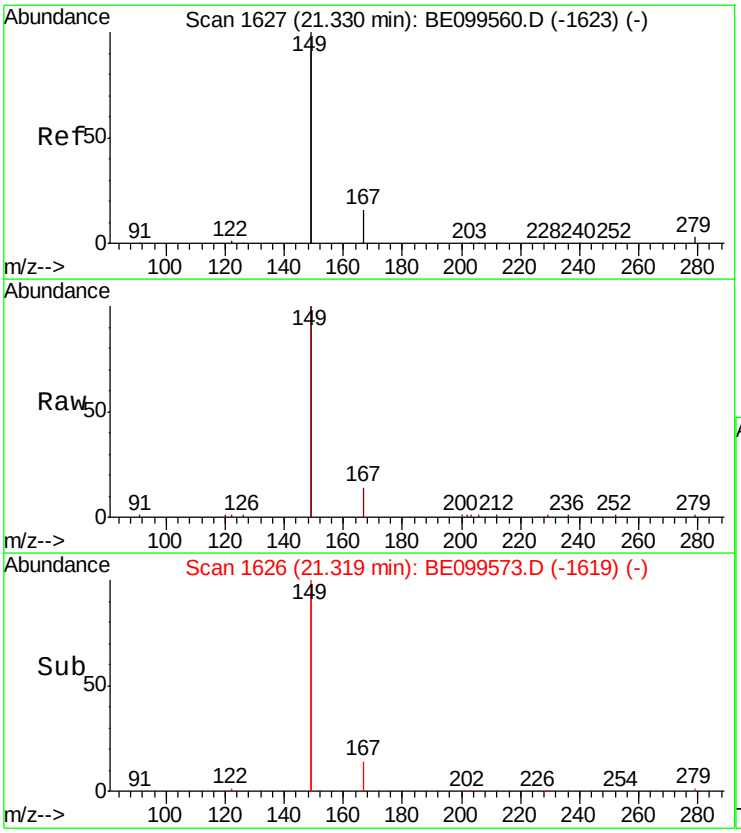
#31
Chrysene
Concen: 0.447 ng
RT: 21.46 min Scan# 1638
Delta R.T. 0.00 min
Lab File: BE099573.D
Acq: 8 May 2019 8:46

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 24003

Ion	Ratio	Lower	Upper
228	100		
226	29.9	24.2	36.4
229	19.8	15.8	23.6

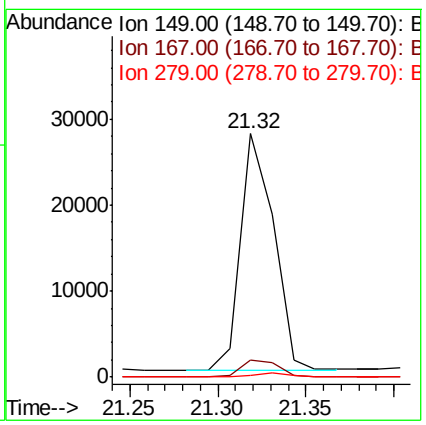


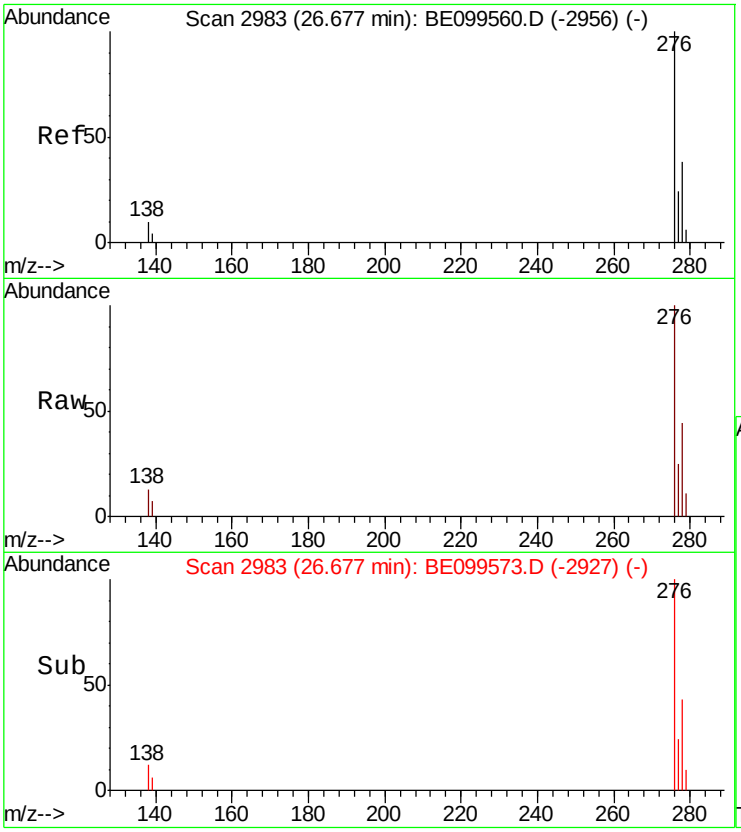


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.420 ng
RT: 21.32 min Scan# 1626
Delta R.T. -0.01 min
Lab File: BE099573.D
Acq: 8 May 2019 8:46

Tgt Ion:149 Resp: 36259

Ion	Ratio	Lower	Upper
149	100		
167	7.6	6.1	9.1
279	1.4	1.3	1.9



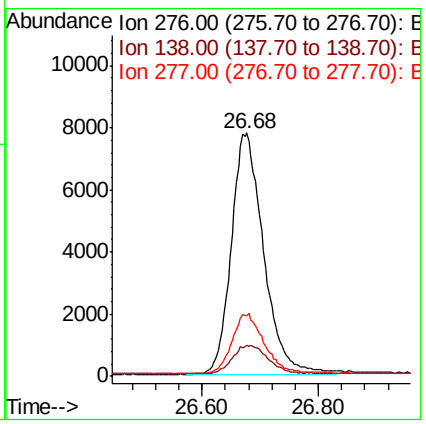


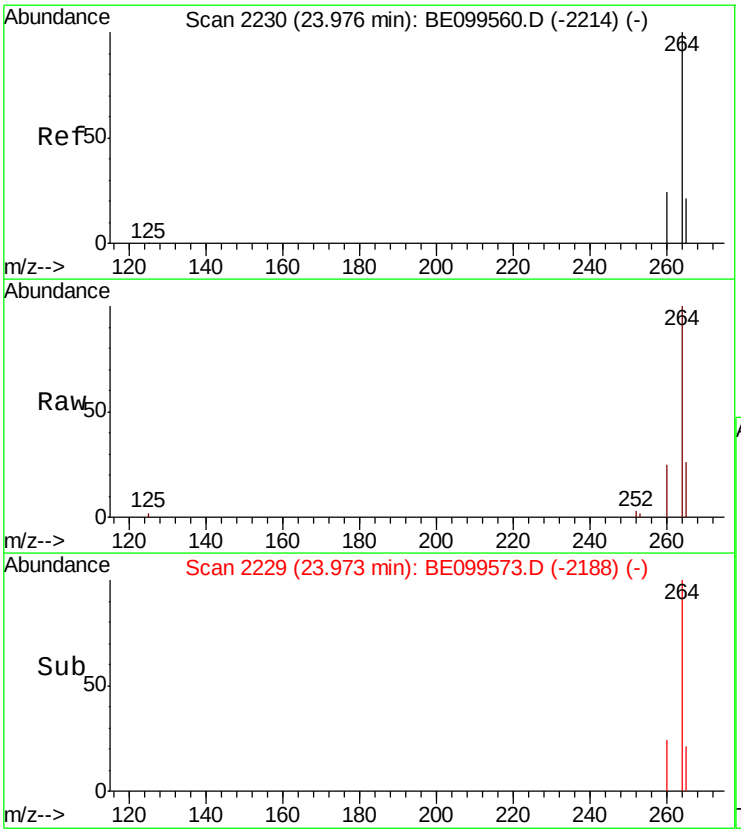
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.470 ng
RT: 26.68 min Scan# 2983
Delta R.T. -0.00 min
Lab File: BE099573.D
Acq: 8 May 2019 8:46

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 29991

Ion	Ratio	Lower	Upper
276	100		
138	12.9	9.5	14.3
277	24.9	19.7	29.5

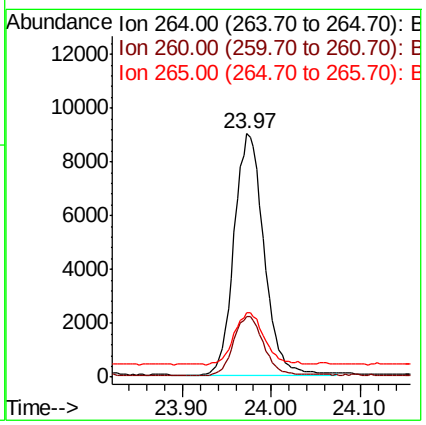


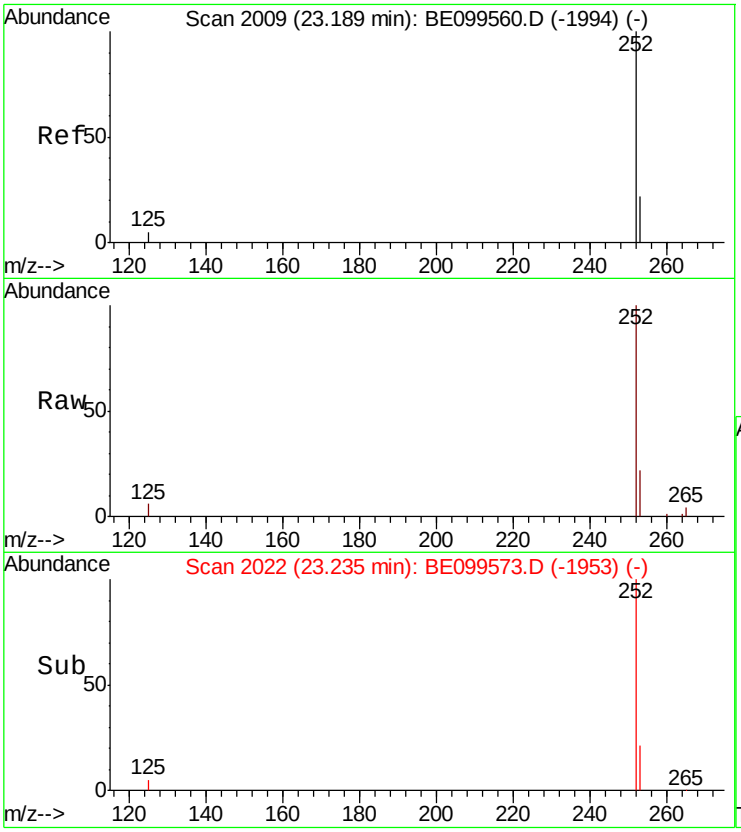


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.97 min Scan# 2229
Delta R.T. -0.00 min
Lab File: BE099573.D
Acq: 8 May 2019 8:46

Tgt Ion:264 Resp: 20933

Ion	Ratio	Lower	Upper
264	100		
260	24.9	19.9	29.9
265	26.2	22.2	33.2



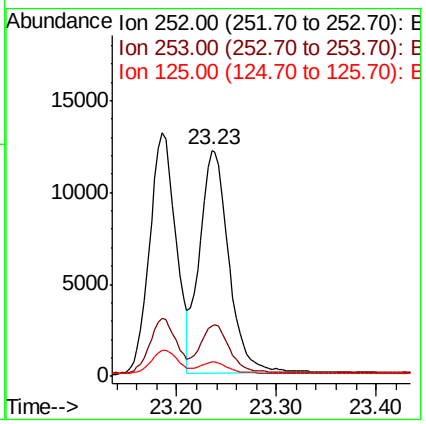


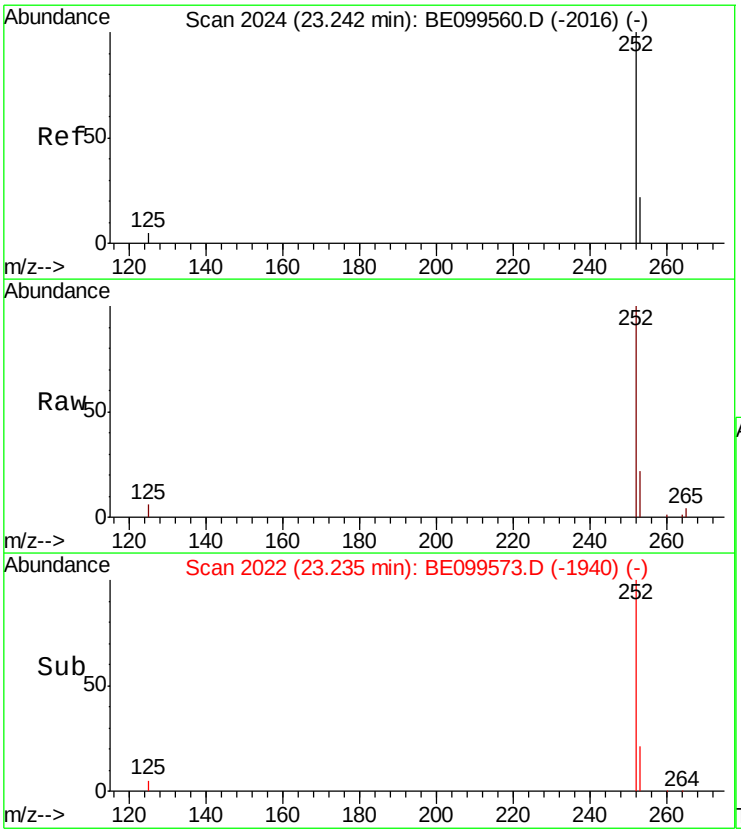
#35
Benzo(b)fluoranthene
Concen: 0.430 ng
RT: 23.23 min Scan# 2022
Delta R.T. 0.05 min
Lab File: BE099573.D
Acq: 8 May 2019 8:46

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 24819

Ion	Ratio	Lower	Upper
252	100		
253	22.2	19.0	28.4
125	6.4	5.8	8.6

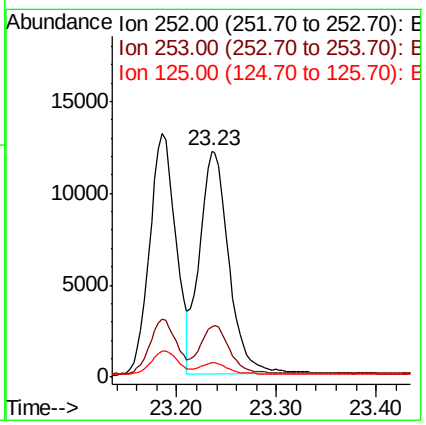


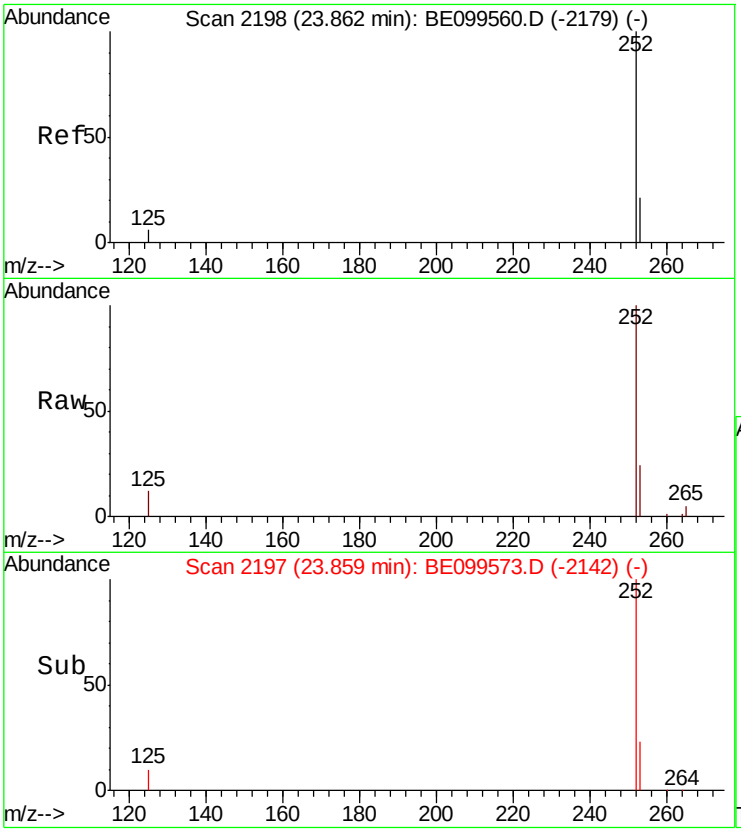


#36
Benzo(k)fluoranthene
Concen: 0.437 ng
RT: 23.23 min Scan# 2022
Delta R.T. -0.01 min
Lab File: BE099573.D
Acq: 8 May 2019 8:46

Tgt Ion:252 Resp: 24819

Ion	Ratio	Lower	Upper
252	100		
253	22.2	19.1	28.7
125	6.4	5.8	8.6



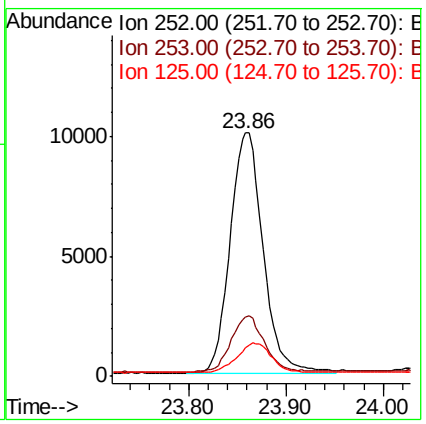


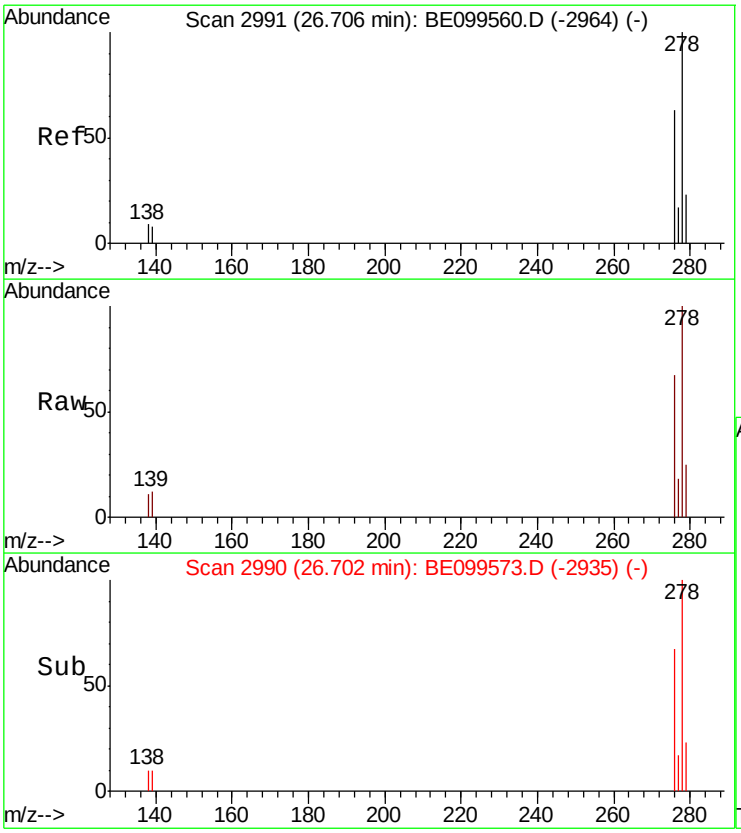
#37
Benzo(a)pyrene
Concen: 0.426 ng
RT: 23.86 min Scan# 2197
Delta R.T. -0.00 min
Lab File: BE099573.D
Acq: 8 May 2019 8:46

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 23710

Ion	Ratio	Lower	Upper
252	100		
253	24.3	18.9	28.3
125	11.8	6.6	9.8#

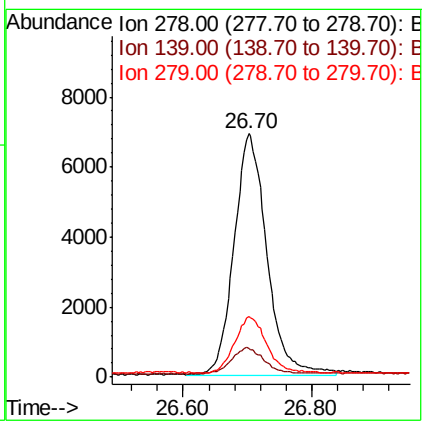


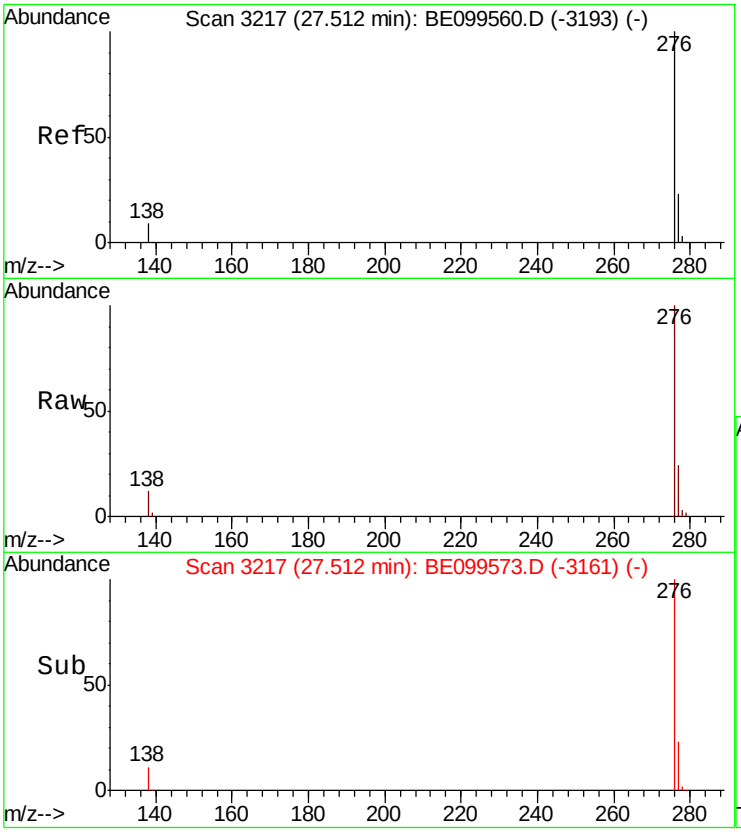


#38
Dibenzo(a,h)anthracene
Concen: 0.424 ng
RT: 26.70 min Scan# 2990
Delta R.T. -0.00 min
Lab File: BE099573.D
Acq: 8 May 2019 8:46

Tgt Ion:278 Resp: 24426

Ion	Ratio	Lower	Upper
278	100		
139	11.8	7.7	11.5#
279	24.9	21.0	31.4





#39
Benzo(g,h,i)perylene
Concen: 0.429 ng
RT: 27.51 min Scan# 3217
Delta R.T. -0.00 min
Lab File: BE099573.D
Acq: 8 May 2019 8:46

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 24722

Ion	Ratio	Lower	Upper
276	100		
277	24.4	19.7	29.5
138	12.2	8.6	12.8