Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE040219\
Data File : BE099273.D
Acq On : 2 Apr 2019 13:51
Operator : JU/SJ
Sample : SSTDICC0.8
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDICC0.8

Quant Time: Apr 02 15:48:18 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE040219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 02 14:00:50 2019
Response via : Initial Calibration

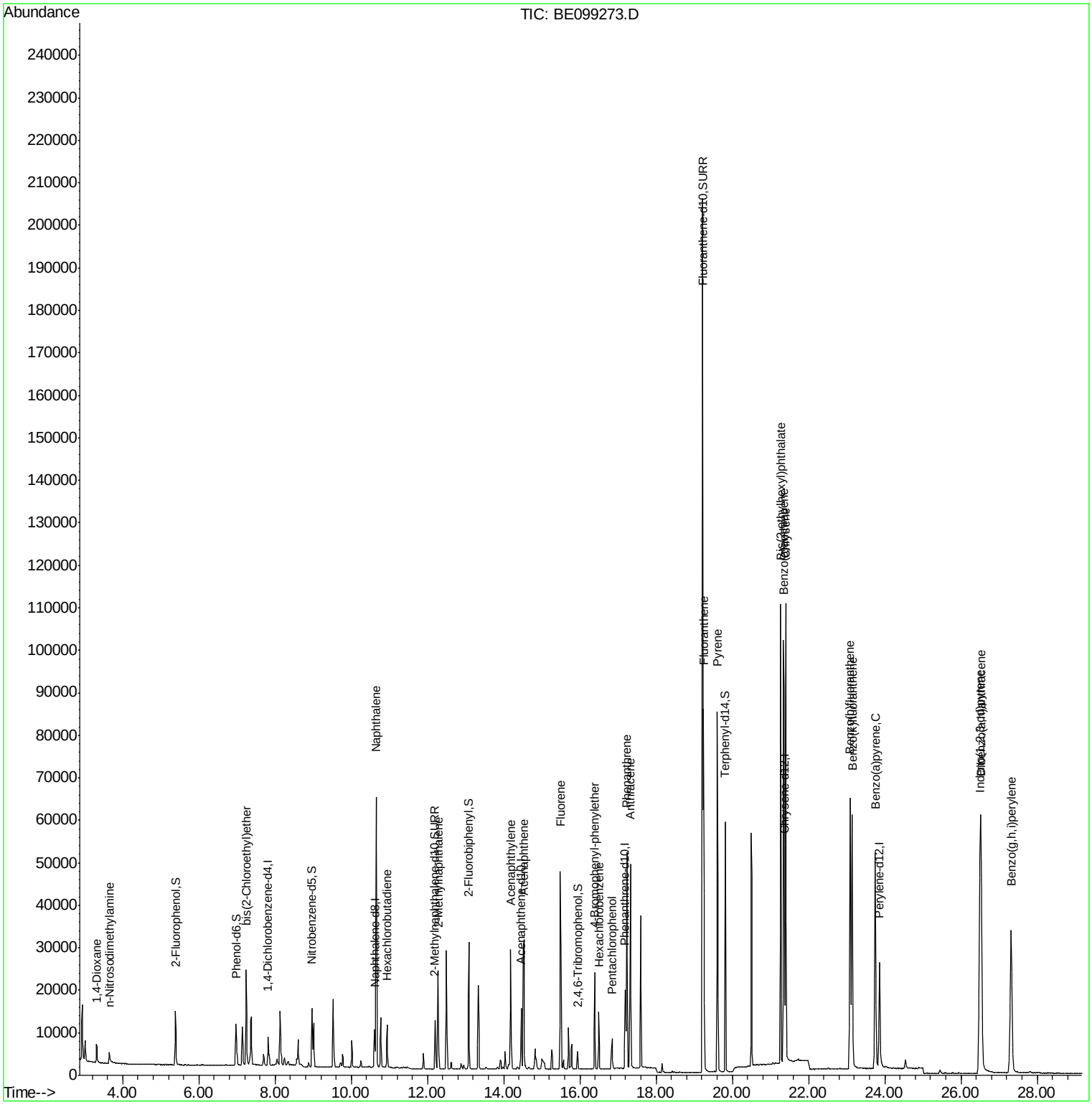
Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	3159	0.40	ng		0.00
7) Naphthalene-d8	10.61	136	11888	0.40	ng		0.00
13) Acenaphthene-d10	14.46	164	8089	0.40	ng		0.00
19) Phenanthrene-d10	17.19	188	24251	0.40	ng		0.00
27) Chrysene-d12	21.37	240	35255	0.40	ng		0.00
34) Perylene-d12	23.86	264	36875	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.38	112	6958	0.74	ng		0.00
5) Phenol-d6	6.97	99	9552	0.66	ng		0.00
8) Nitrobenzene-d5	8.96	82	6472	0.67	ng		0.00
11) 2-Methylnaphthalene-d10	12.20	152	17298	0.76	ng		-0.01
14) 2,4,6-Tribromophenol	15.94	330	2945	1.03	ng		0.00
15) 2-Fluorobiphenyl	13.09	172	26732	0.81	ng		0.00
25) Fluoranthene-d10	19.22	212	258205	0.88	ng		0.00
29) Terphenyl-d14	19.82	244	53166	0.69	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.32	88	3532	0.848	ng		90
3) n-Nitrosodimethylamine	3.65	42	1920	0.824	ng	#	90
6) bis(2-Chloroethyl)ether	7.24	93	8518	0.752	ng		99
9) Naphthalene	10.65	128	105833	0.755	ng		100
10) Hexachlorobutadiene	10.94	225	6849	0.917	ng		99
12) 2-Methylnaphthalene	12.28	142	18192	0.726	ng		97
16) Acenaphthylene	14.18	152	31412	0.762	ng		98
17) Acenaphthene	14.53	154	18936	0.768	ng		99
18) Fluorene	15.49	166	27305	0.787	ng		98
20) 4-Bromophenyl-phenylether	16.39	248	11084	0.708	ng		97
21) Hexachlorobenzene	16.49	284	10752	0.711	ng		99
22) Pentachlorophenol	16.84	266	3906	1.960	ng		95
23) Phenanthrene	17.23	178	51697	0.726	ng		100
24) Anthracene	17.32	178	48048	0.747	ng		99
26) Fluoranthene	19.25	202	74824	0.823	ng		99
28) Pyrene	19.61	202	76850	0.656	ng		100
30) Benzo(a)anthracene	21.34	228	90947	0.782	ng		100
31) Chrysene	21.40	228	89345	0.719	ng		100
32) Bis(2-ethylhexyl)phthalate	21.27	149	108805	0.784	ng		100
33) Indeno(1,2,3-cd)pyrene	26.49	276	103797	0.882	ng		100
35) Benzo(b)fluoranthene	23.09	252	87756	0.723	ng	#	97
36) Benzo(k)fluoranthene	23.14	252	88421	0.689	ng		99
37) Benzo(a)pyrene	23.75	252	83405	0.736	ng		98
38) Dibenzo(a,h)anthracene	26.53	278	84957	0.844	ng		98
39) Benzo(g,h,i)perylene	27.31	276	84599	0.838	ng		99

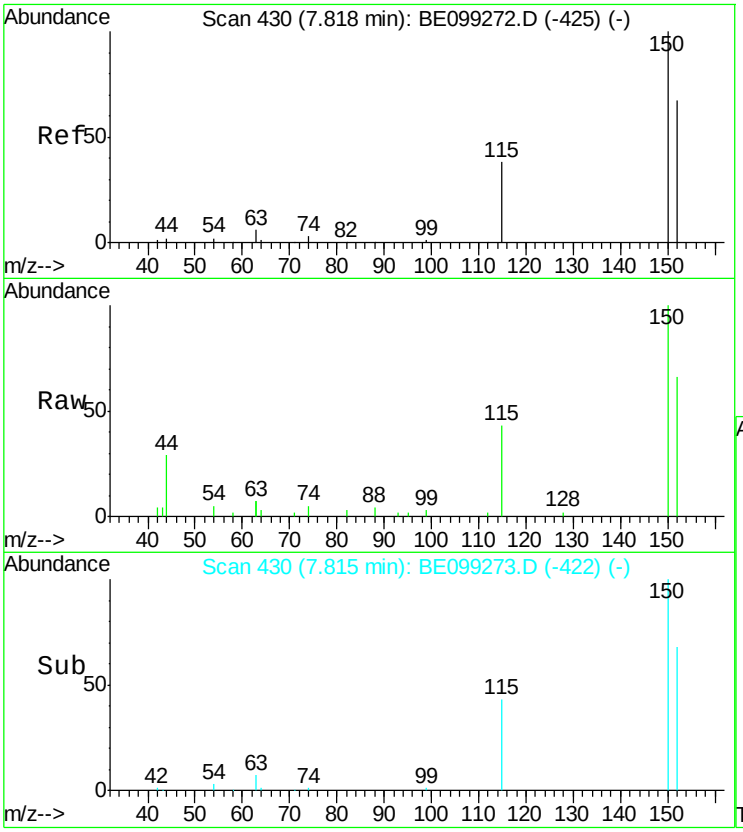
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE040219\
Data File : BE099273.D
Acq On : 2 Apr 2019 13:51
Operator : JU/SJ
Sample : SSTDICC0.8
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Quant Time: Apr 02 15:48:18 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE040219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 02 14:00:50 2019
Response via : Initial Calibration



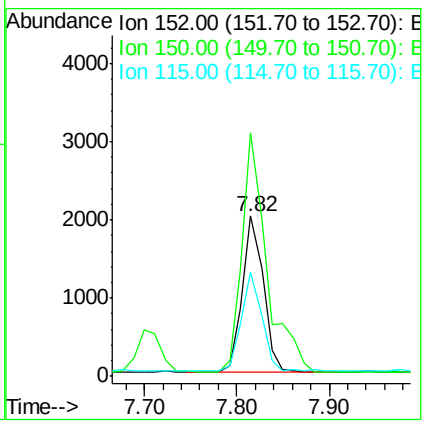


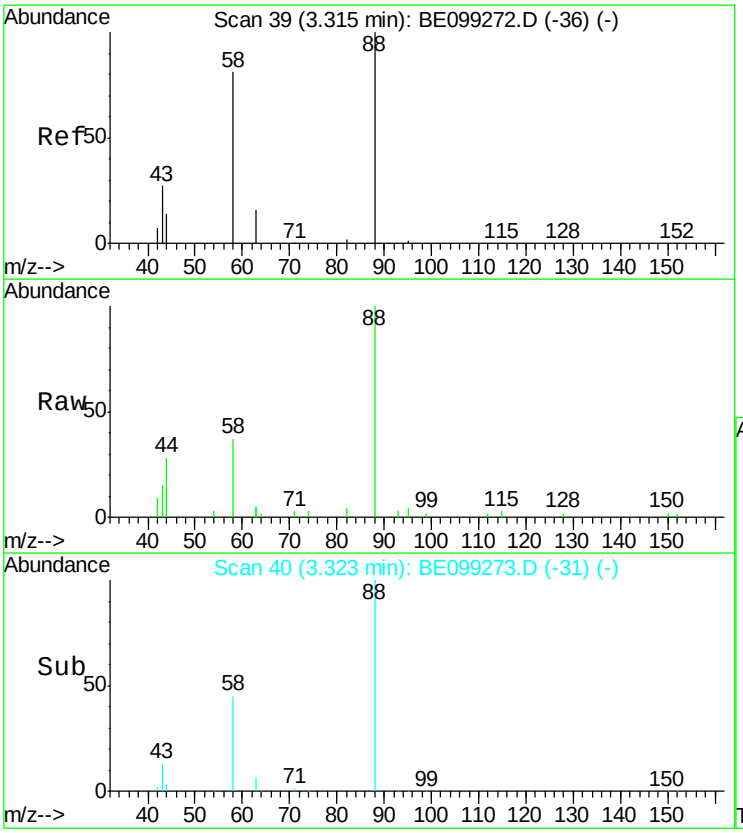
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.82 min Scan# 430
Delta R.T. -0.00 min
Lab File: BE099273.D
Acq: 2 Apr 2019 13:51

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:152 Resp: 3159

Ion	Ratio	Lower	Upper
152	100		
150	152.3	118.6	178.0
115	65.3	47.6	71.4

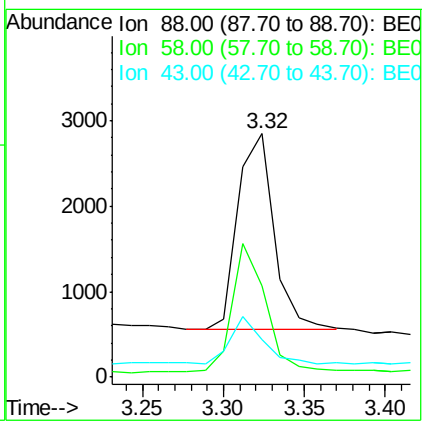


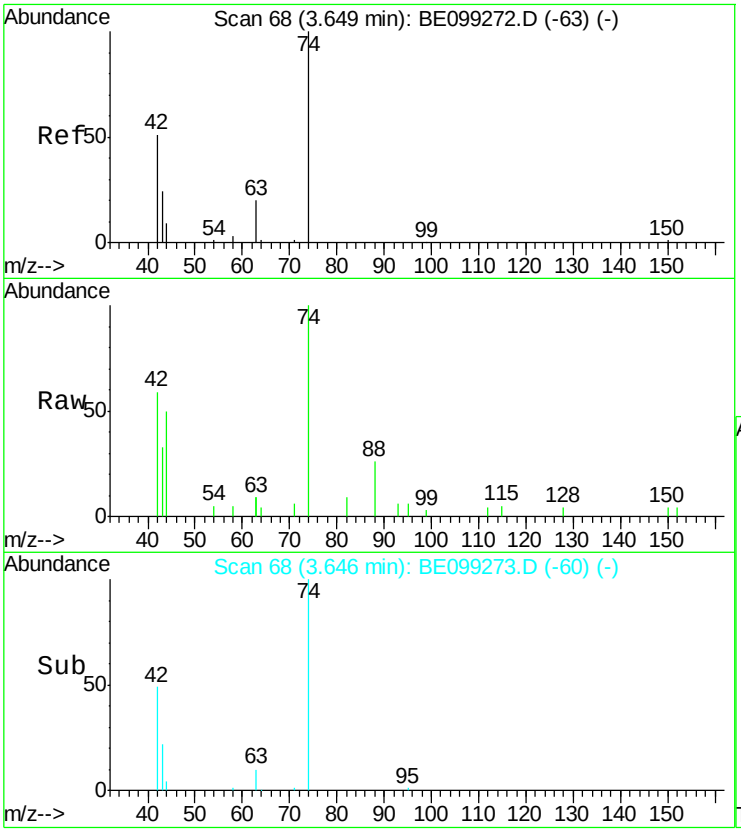


#2
1,4-Dioxane
Concen: 0.848 ng
RT: 3.32 min Scan# 40
Delta R.T. 0.01 min
Lab File: BE099273.D
Acq: 2 Apr 2019 13:51

Tgt Ion: 88 Resp: 3532

Ion	Ratio	Lower	Upper
88	100		
58	61.6	43.0	64.4
43	21.1	14.8	22.2



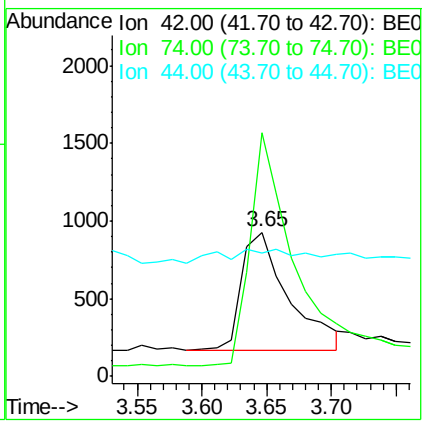


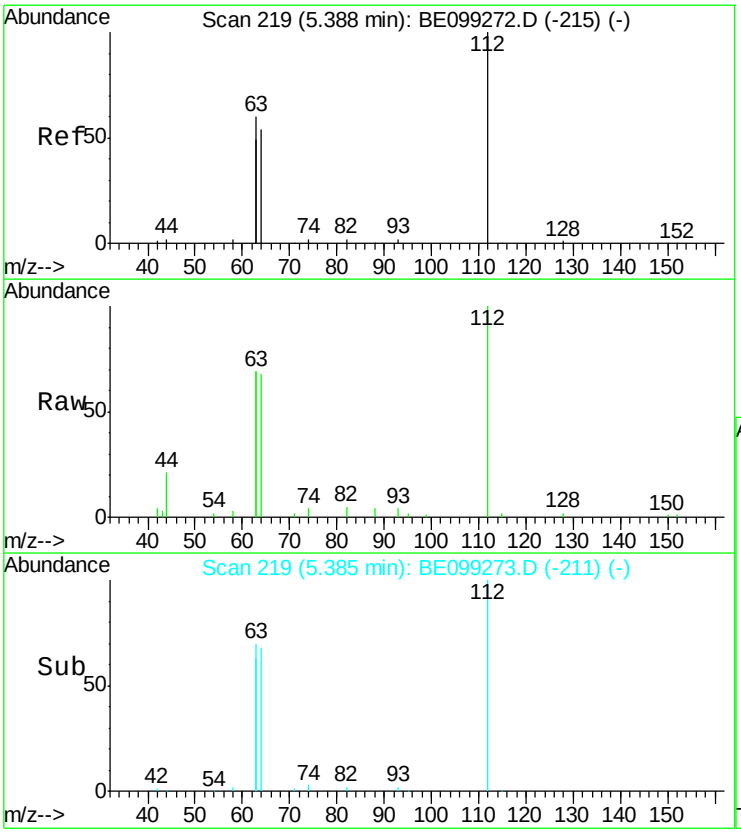
#3
n-Nitrosodimethylamine
Concen: 0.824 ng
RT: 3.65 min Scan# 68
Delta R.T. -0.00 min
Lab File: BE099273.D
Acq: 2 Apr 2019 13:51

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion: 42 Resp: 1920

Ion	Ratio	Lower	Upper
42	100		
74	181.0	133.8	200.8
44	9.3	0.0	0.0#

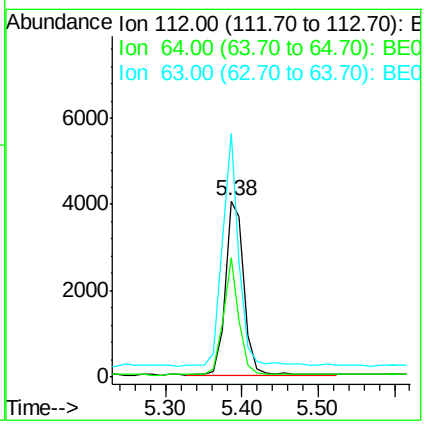


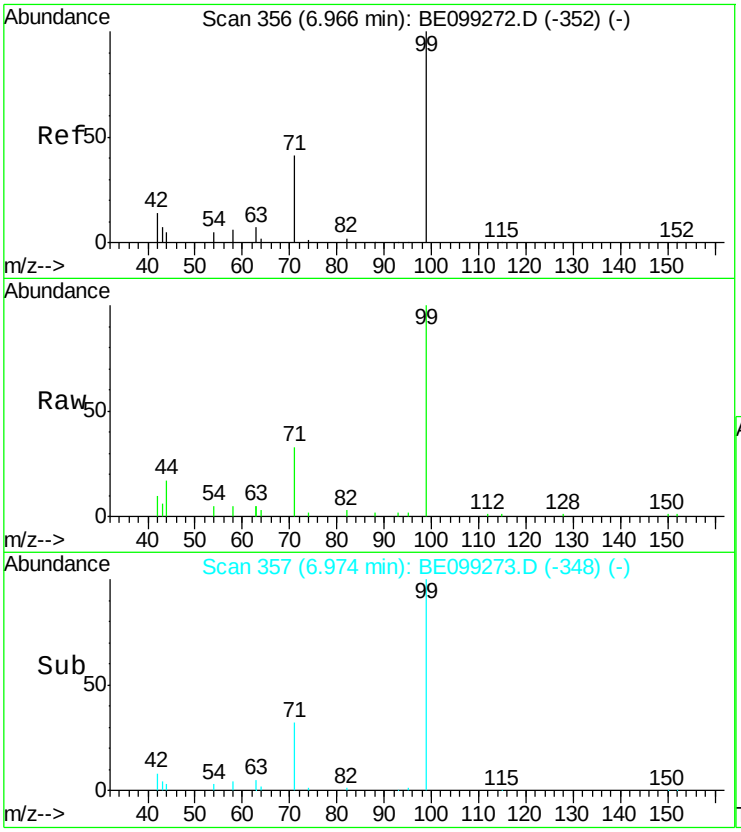


#4
2-Fluorophenol
Concen: 0.738 ng
RT: 5.38 min Scan# 219
Delta R.T. -0.00 min
Lab File: BE099273.D
Acq: 2 Apr 2019 13:51

Tgt Ion:112 Resp: 6958

Ion	Ratio	Lower	Upper
112	100		
64	56.0	45.1	67.7
63	117.6	94.4	141.6



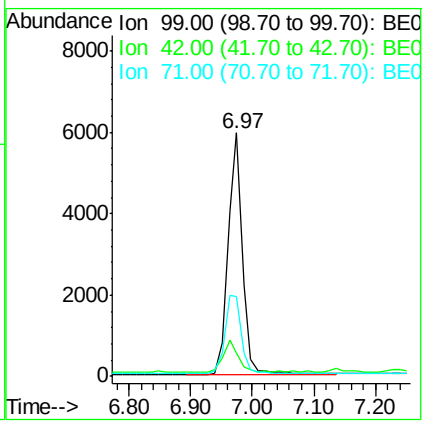


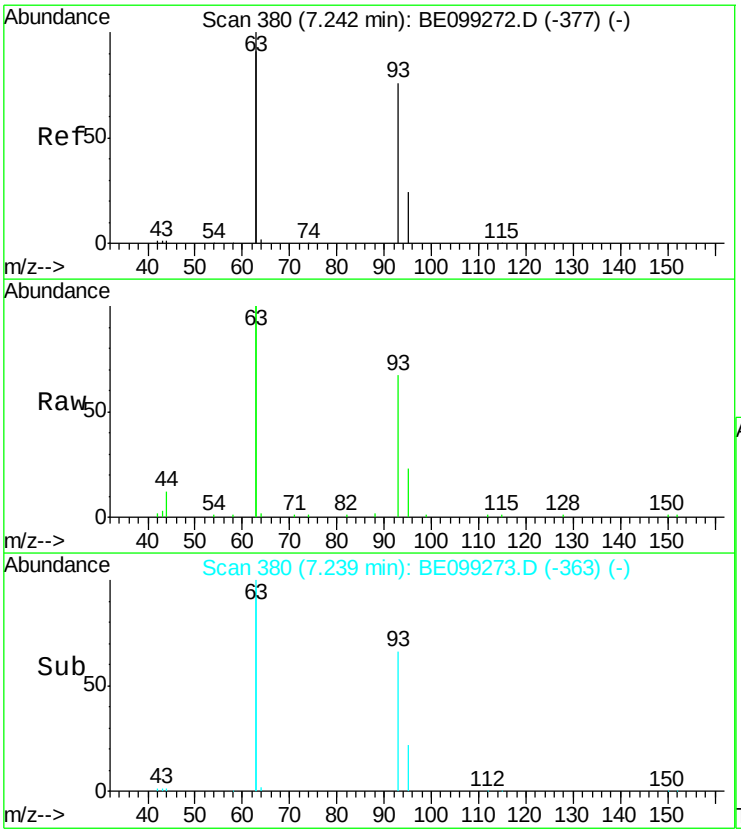
#5
Phenol-d6
Concen: 0.663 ng
RT: 6.97 min Scan# 357
Delta R.T. 0.01 min
Lab File: BE099273.D
Acq: 2 Apr 2019 13:51

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion: 99 Resp: 9552

Ion	Ratio	Lower	Upper
99	100		
42	14.0	12.2	18.4
71	37.3	30.1	45.1

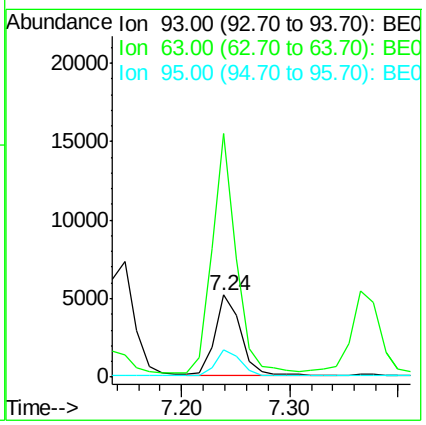


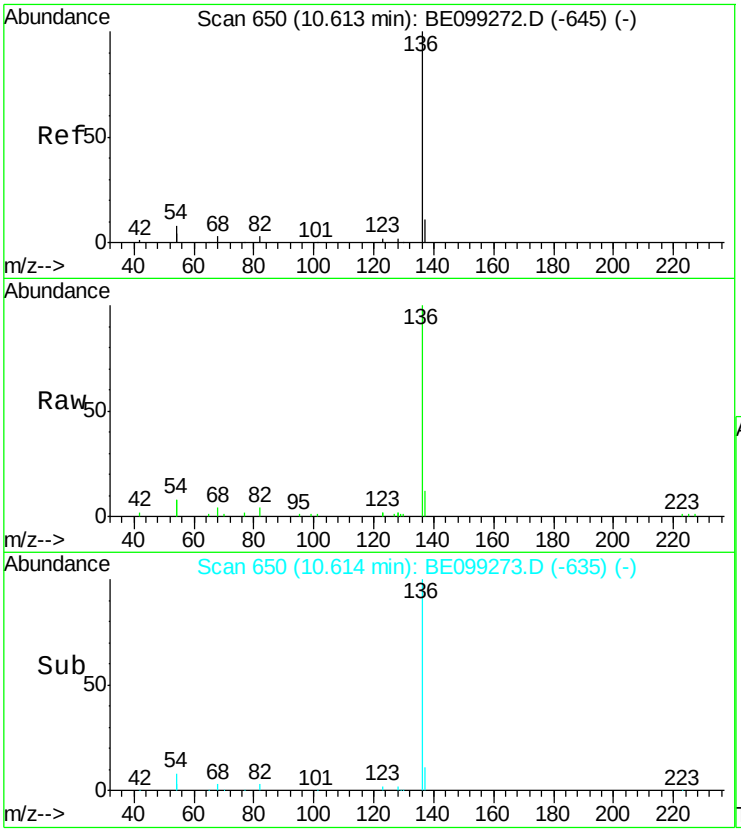


#6
bis(2-Chloroethyl)ether
Concen: 0.752 ng
RT: 7.24 min Scan# 380
Delta R.T. -0.00 min
Lab File: BE099273.D
Acq: 2 Apr 2019 13:51

Tgt Ion: 93 Resp: 8518

Ion	Ratio	Lower	Upper
93	100		
63	275.3	219.4	329.2
95	32.6	28.2	42.2



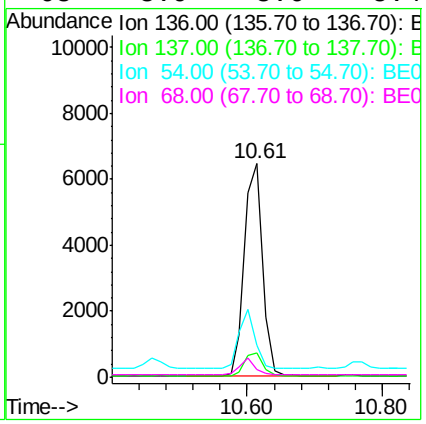


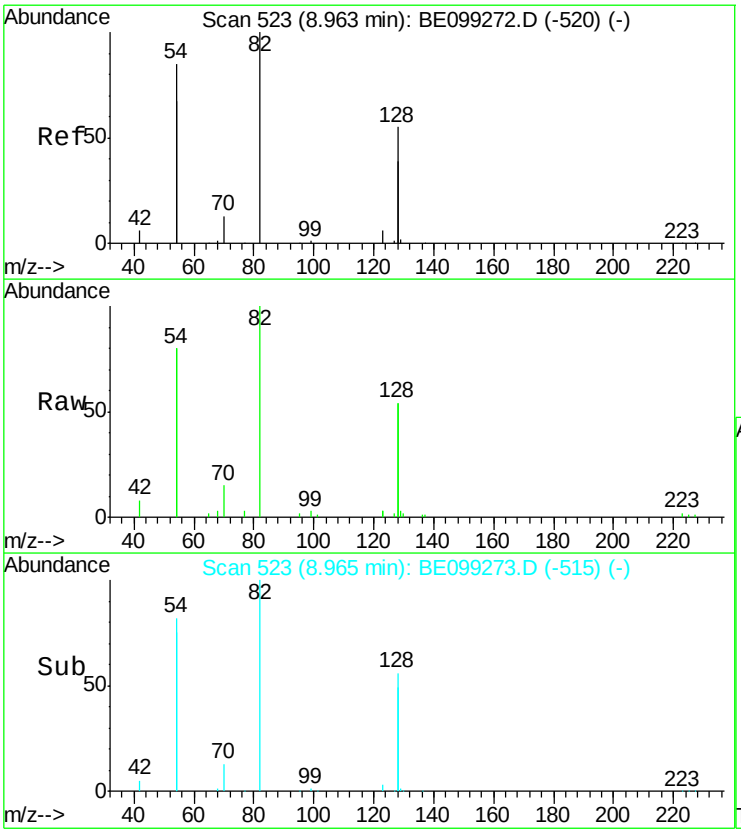
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.61 min Scan# 650
Delta R.T. 0.00 min
Lab File: BE099273.D
Acq: 2 Apr 2019 13:51

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:136 Resp: 11888

Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.0	13.4
54	15.1	12.9	19.3
68	3.9	3.6	5.4

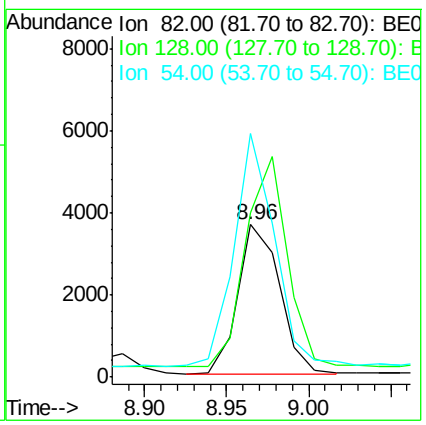


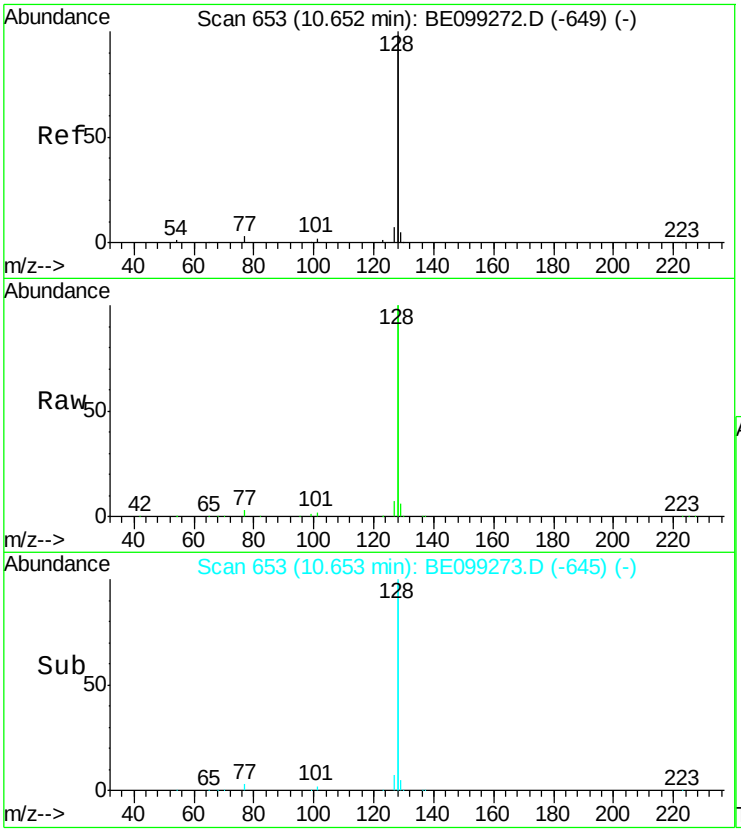


#8
Nitrobenzene-d5
Concen: 0.667 ng
RT: 8.96 min Scan# 523
Delta R.T. 0.00 min
Lab File: BE099273.D
Acq: 2 Apr 2019 13:51

Tgt Ion: 82 Resp: 6472

Ion	Ratio	Lower	Upper
82	100		
128	107.6	83.2	124.8
54	159.6	129.3	193.9



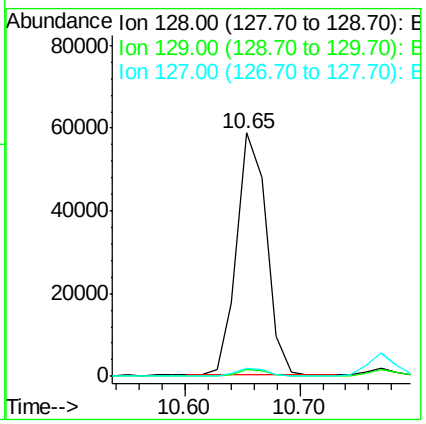


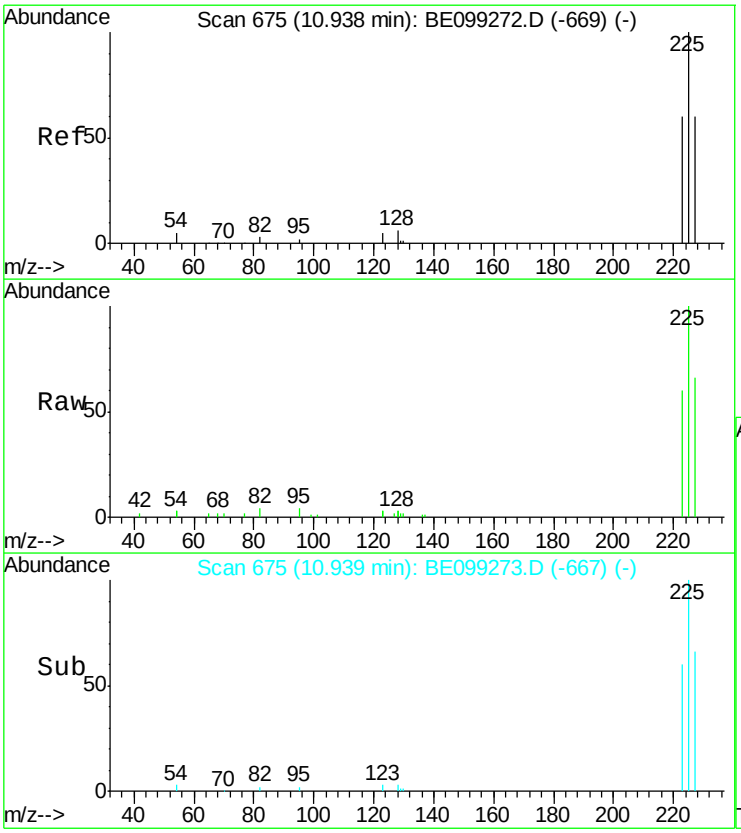
#9
Naphthalene
Concen: 0.755 ng
RT: 10.65 min Scan# 653
Delta R.T. 0.00 min
Lab File: BE099273.D
Acq: 2 Apr 2019 13:51

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:128 Resp: 105833

Ion	Ratio	Lower	Upper
128	100		
129	2.8	2.2	3.4
127	3.4	2.7	4.1

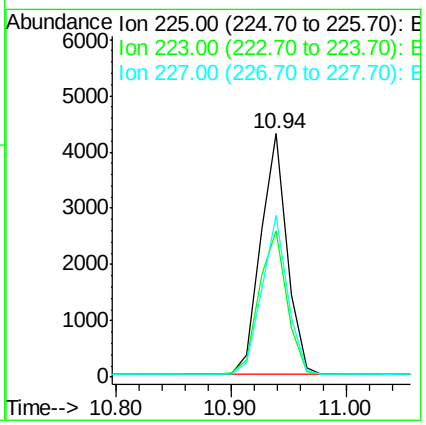


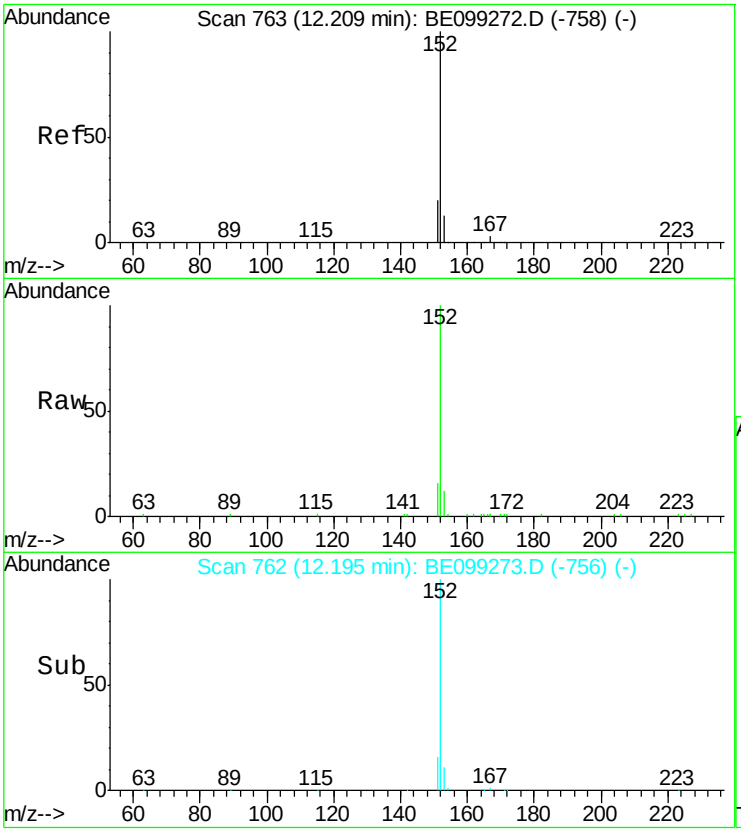


#10
Hexachlorobutadiene
Concen: 0.917 ng
RT: 10.94 min Scan# 675
Delta R.T. 0.00 min
Lab File: BE099273.D
Acq: 2 Apr 2019 13:51

Tgt Ion:225 Resp: 6849

Ion	Ratio	Lower	Upper
225	100		
223	62.0	50.1	75.1
227	64.1	50.6	75.8



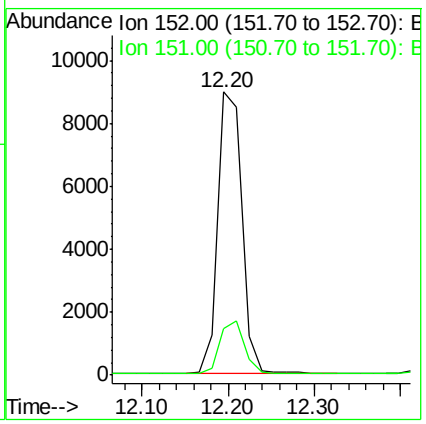


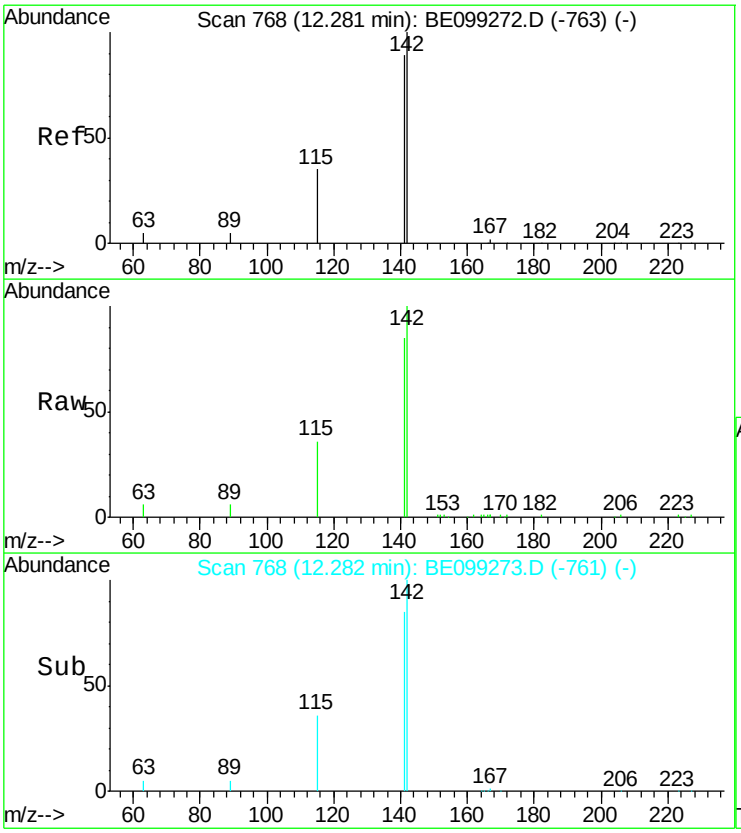
#11
2-Methylnaphthalene-d10
Concen: 0.755 ng
RT: 12.20 min Scan# 762
Delta R.T. -0.01 min
Lab File: BE099273.D
Acq: 2 Apr 2019 13:51

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:152 Resp: 17298

Ion	Ratio	Lower	Upper
152	100		
151	19.1	15.4	23.0

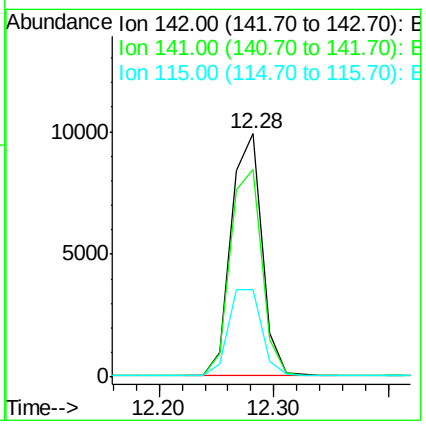


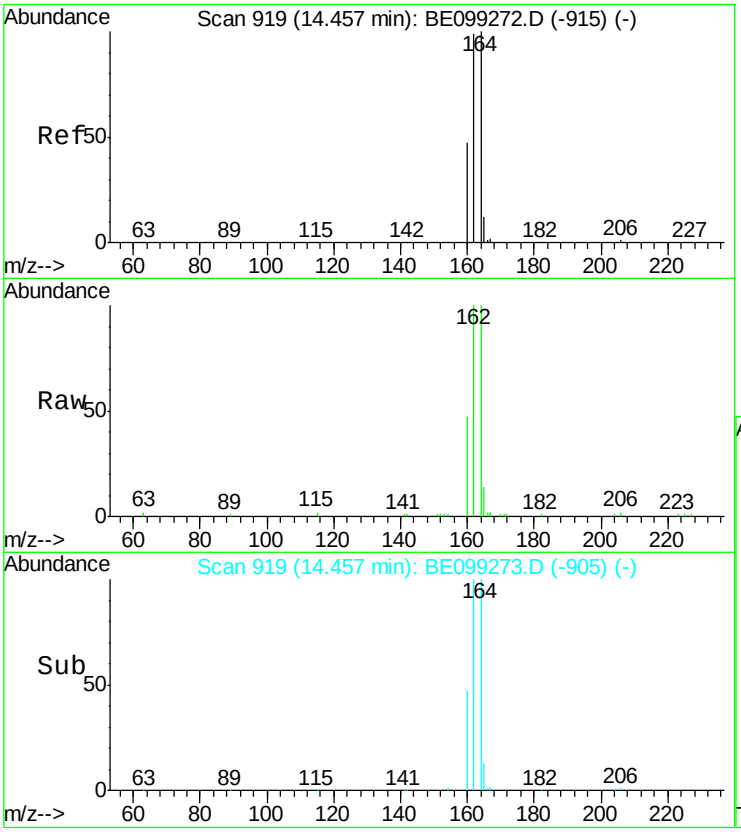


#12
2-Methylnaphthalene
Concen: 0.726 ng
RT: 12.28 min Scan# 768
Delta R.T. 0.00 min
Lab File: BE099273.D
Acq: 2 Apr 2019 13:51

Tgt Ion:142 Resp: 18192

Ion	Ratio	Lower	Upper
142	100		
141	85.2	71.1	106.7
115	36.1	29.0	43.6



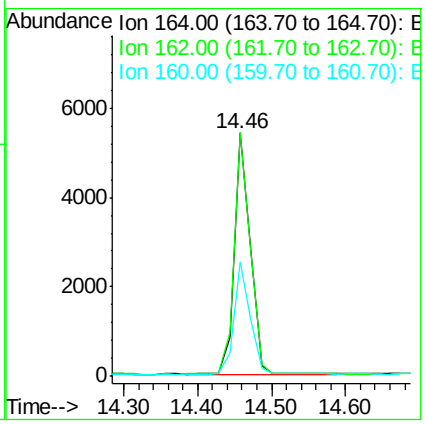


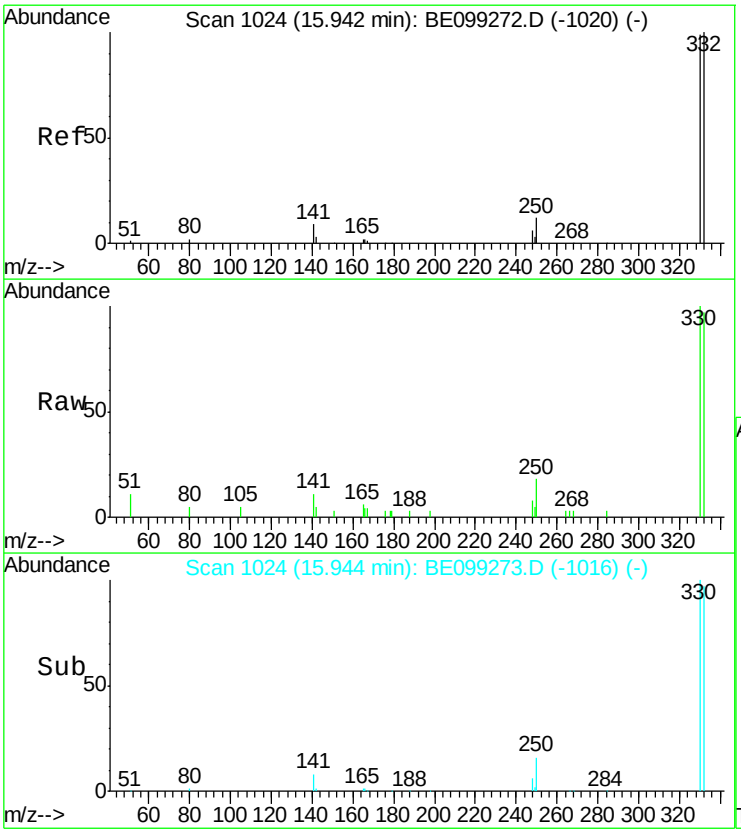
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.46 min Scan# 919
Delta R.T. 0.00 min
Lab File: BE099273.D
Acq: 2 Apr 2019 13:51

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:164 Resp: 8089

Ion	Ratio	Lower	Upper
164	100		
162	100.0	78.8	118.2
160	47.2	37.6	56.4

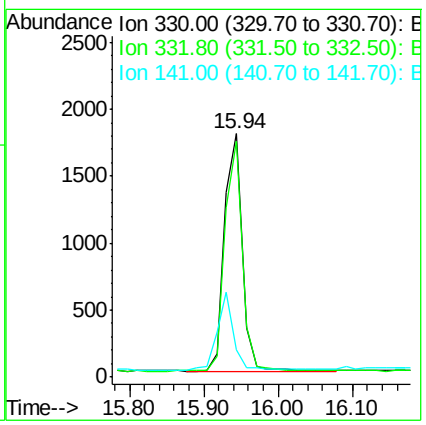


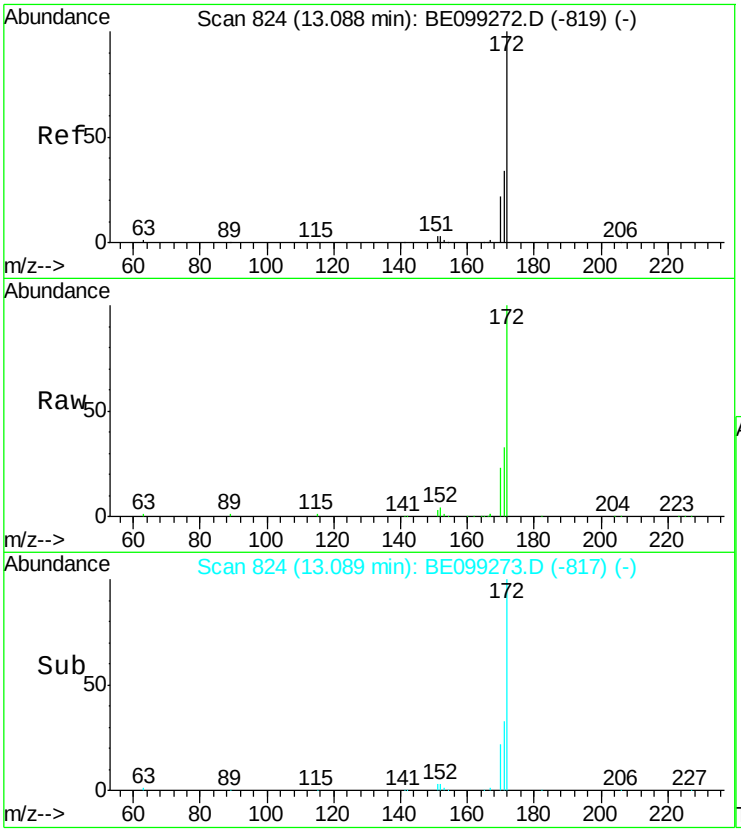


#14
2,4,6-Tribromophenol
Concen: 1.031 ng
RT: 15.94 min Scan# 1024
Delta R.T. 0.00 min
Lab File: BE099273.D
Acq: 2 Apr 2019 13:51

Tgt Ion:330 Resp: 2945

Ion	Ratio	Lower	Upper
330	100		
332	94.1	82.6	123.8
141	30.4	27.6	41.4



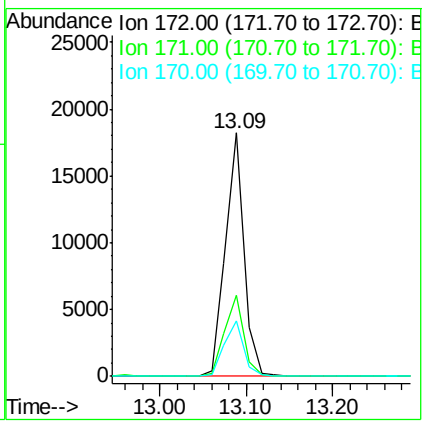


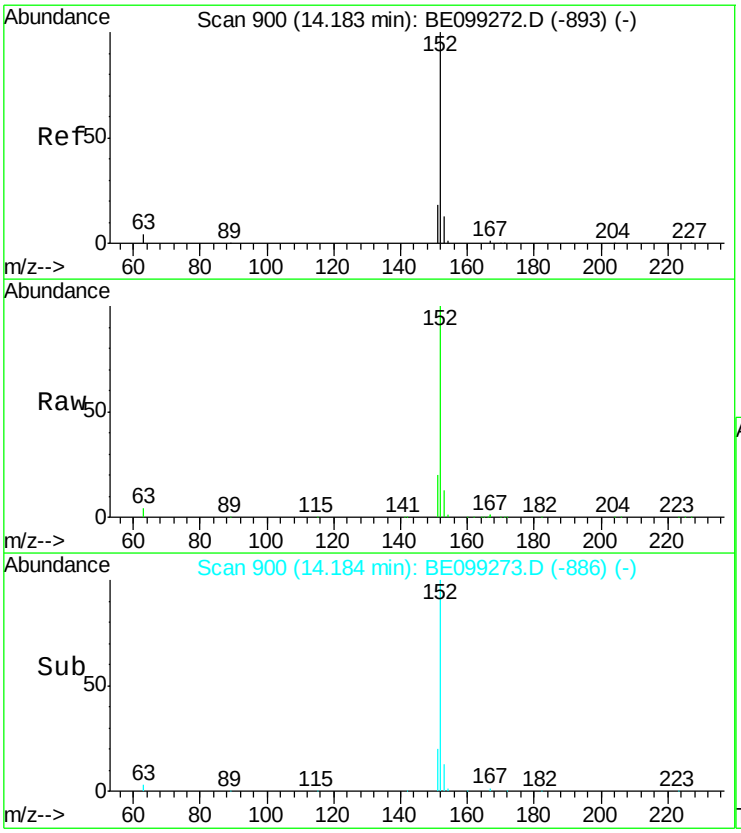
#15
2-Fluorobiphenyl
Concen: 0.811 ng
RT: 13.09 min Scan# 824
Delta R.T. 0.00 min
Lab File: BE099273.D
Acq: 2 Apr 2019 13:51

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:172 Resp: 26732

Ion	Ratio	Lower	Upper
172	100		
171	33.4	27.5	41.3
170	22.6	18.2	27.2

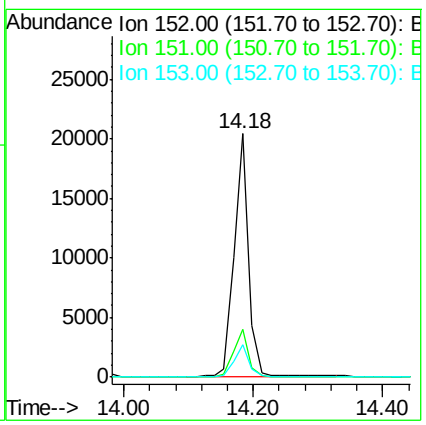


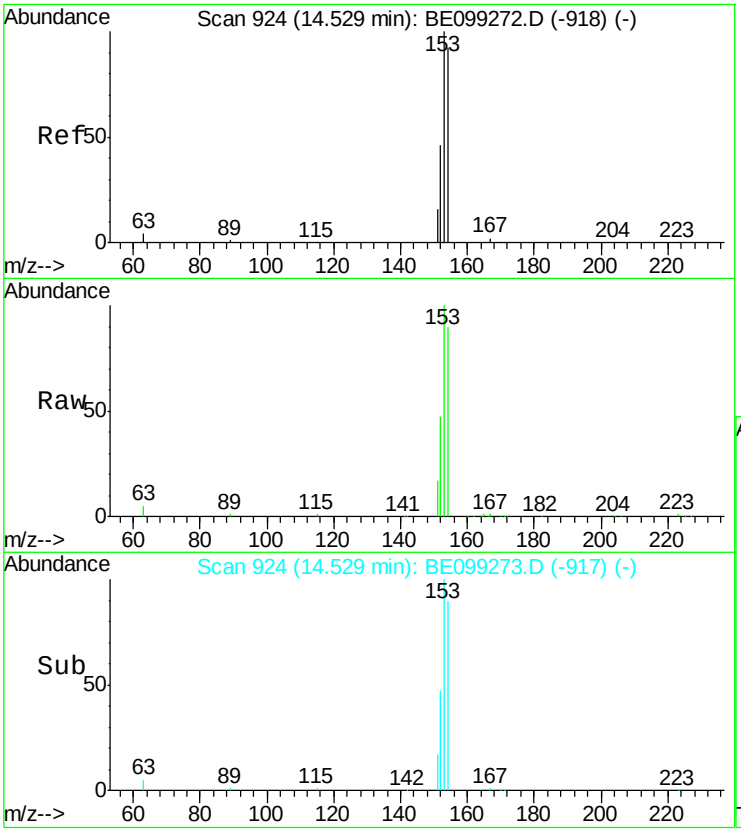


#16
Acenaphthylene
Concen: 0.762 ng
RT: 14.18 min Scan# 900
Delta R.T. 0.00 min
Lab File: BE099273.D
Acq: 2 Apr 2019 13:51

Tgt Ion:152 Resp: 31412

Ion	Ratio	Lower	Upper
152	100		
151	19.7	14.9	22.3
153	13.1	10.0	15.0



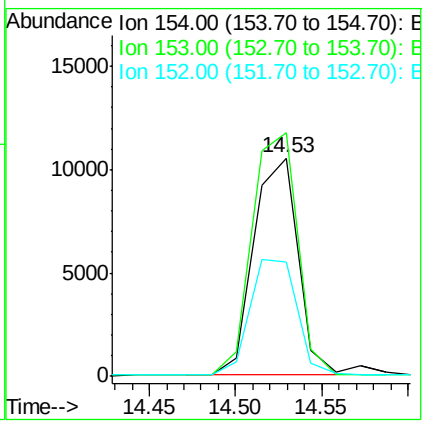


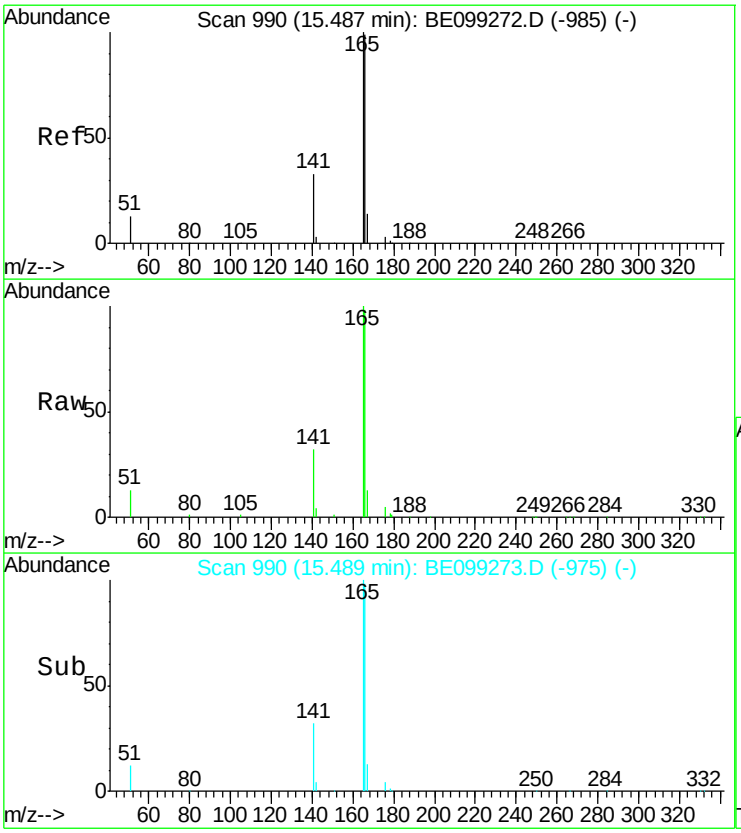
#17
Acenaphthene
Concen: 0.768 ng
RT: 14.53 min Scan# 924
Delta R.T. 0.00 min
Lab File: BE099273.D
Acq: 2 Apr 2019 13:51

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:154 Resp: 18936

Ion	Ratio	Lower	Upper
154	100		
153	114.4	92.8	139.2
152	56.4	44.3	66.5

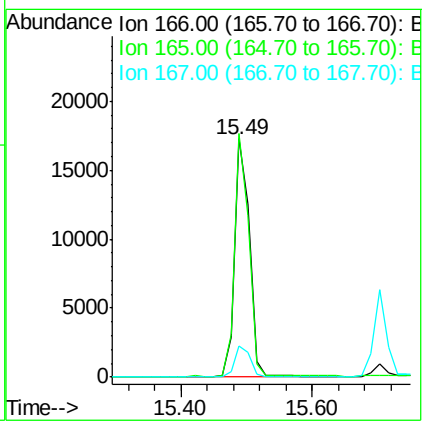


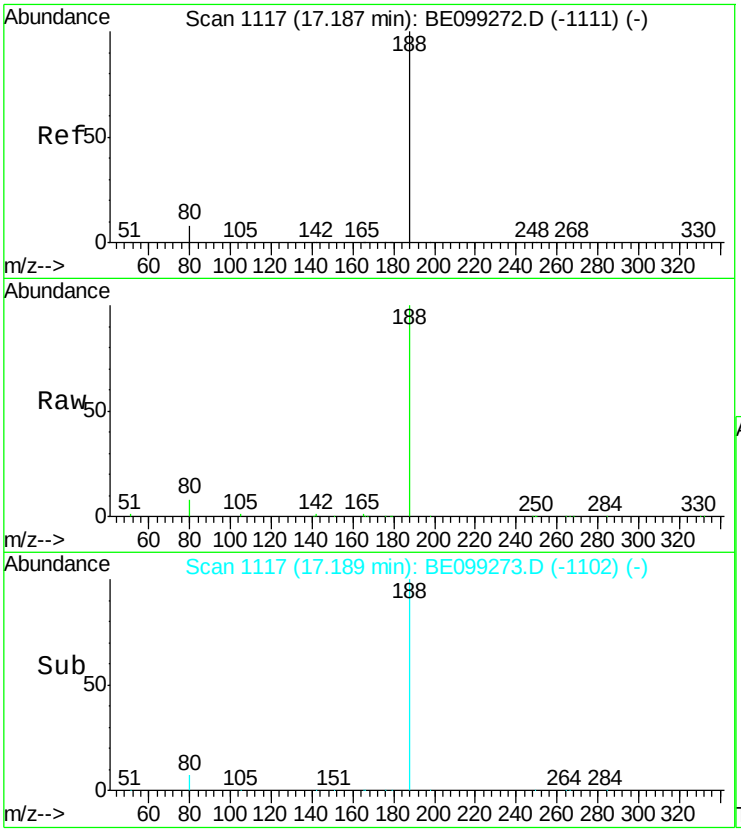


#18
Fluorene
Concen: 0.787 ng
RT: 15.49 min Scan# 990
Delta R.T. 0.00 min
Lab File: BE099273.D
Acq: 2 Apr 2019 13:51

Tgt Ion:166 Resp: 27305

Ion	Ratio	Lower	Upper
166	100		
165	99.3	77.9	116.9
167	13.4	10.9	16.3



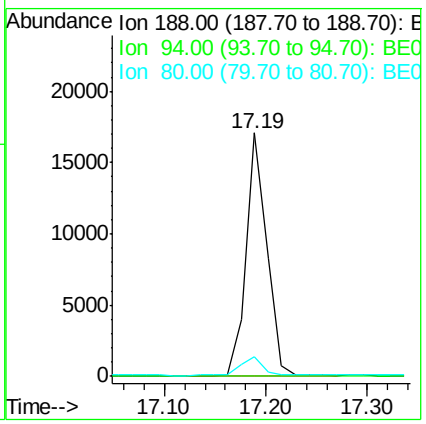


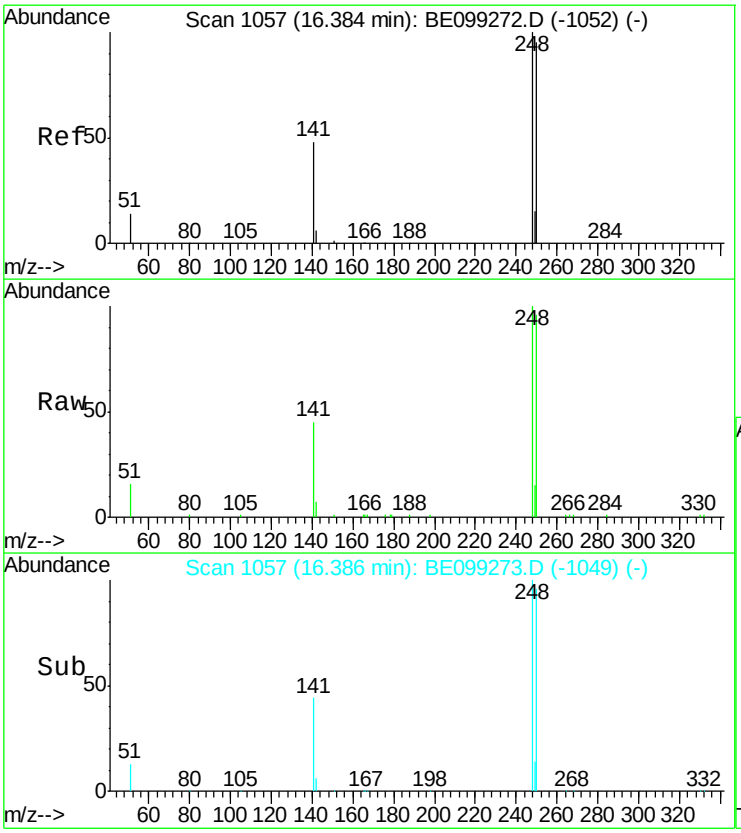
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.19 min Scan# 1117
Delta R.T. 0.00 min
Lab File: BE099273.D
Acq: 2 Apr 2019 13:51

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:188 Resp: 24251

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	7.9	6.6	10.0

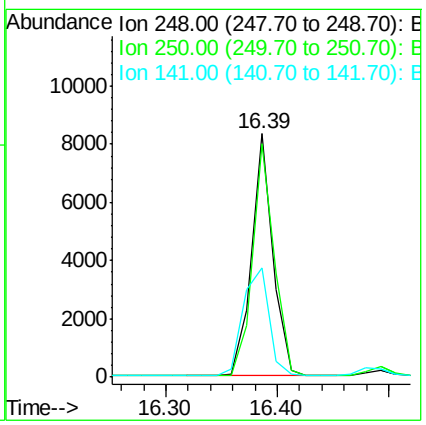


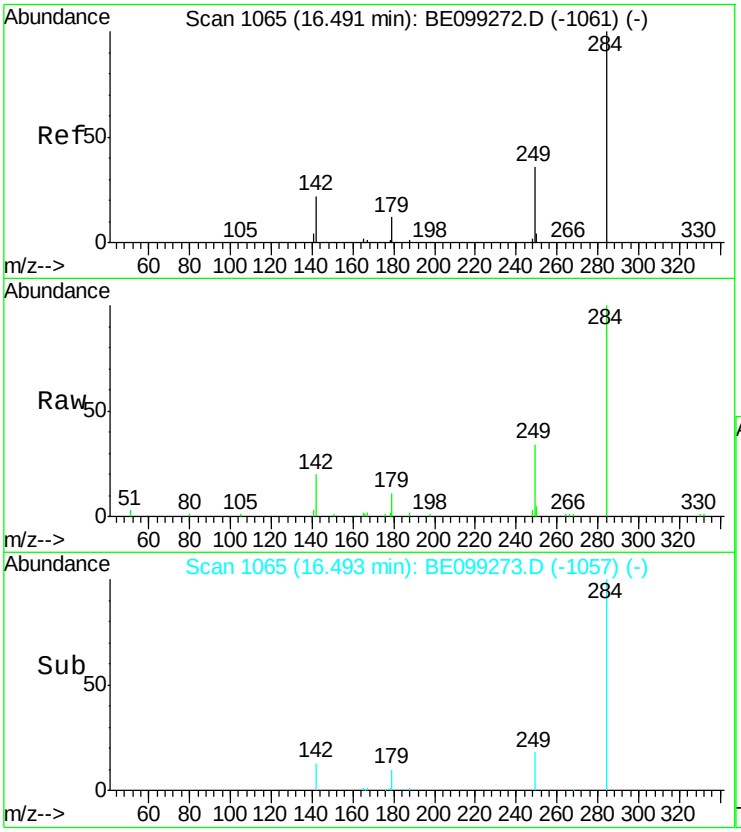


#20
4-Bromophenyl-phenylether
Concen: 0.708 ng
RT: 16.39 min Scan# 1057
Delta R.T. 0.00 min
Lab File: BE099273.D
Acq: 2 Apr 2019 13:51

Tgt Ion:248 Resp: 11084

Ion	Ratio	Lower	Upper
248	100		
250	95.6	75.9	113.9
141	44.7	39.0	58.6



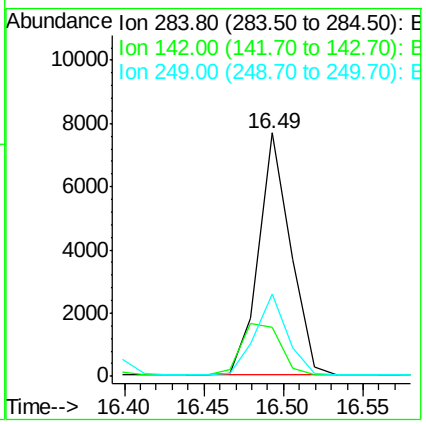


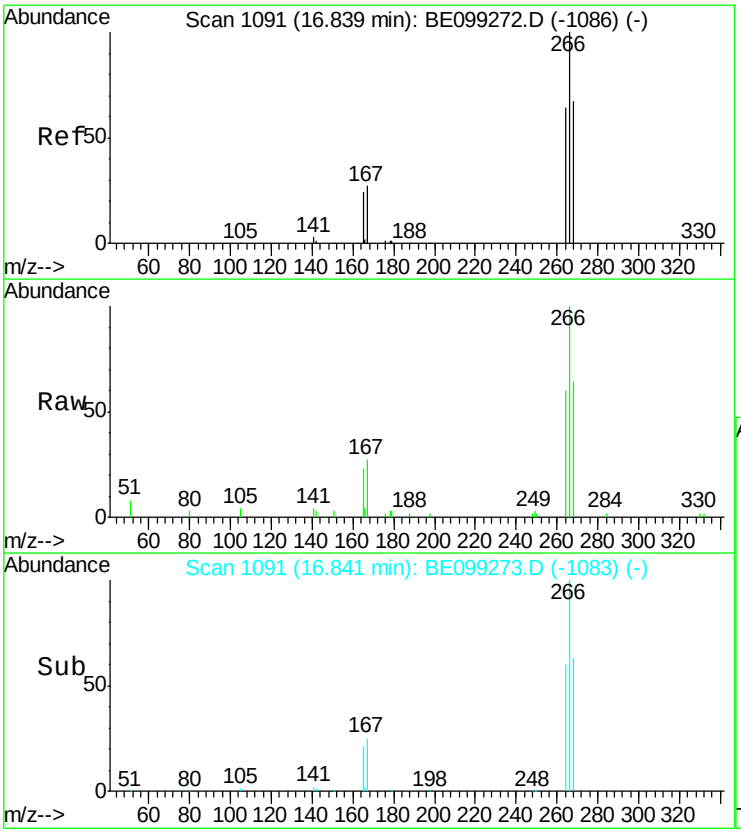
#21
Hexachlorobenzene
Concen: 0.711 ng
RT: 16.49 min Scan# 1065
Delta R.T. 0.00 min
Lab File: BE099273.D
Acq: 2 Apr 2019 13:51

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:284 Resp: 10752

Ion	Ratio	Lower	Upper
284	100		
142	26.2	21.0	31.6
249	33.0	27.0	40.6

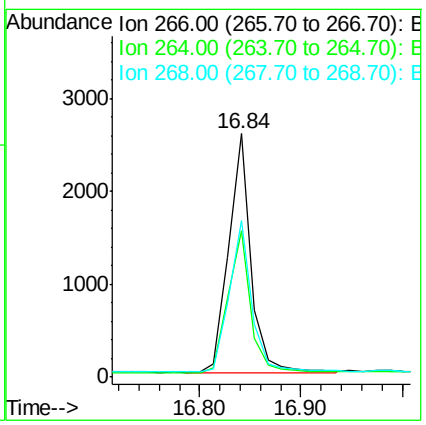


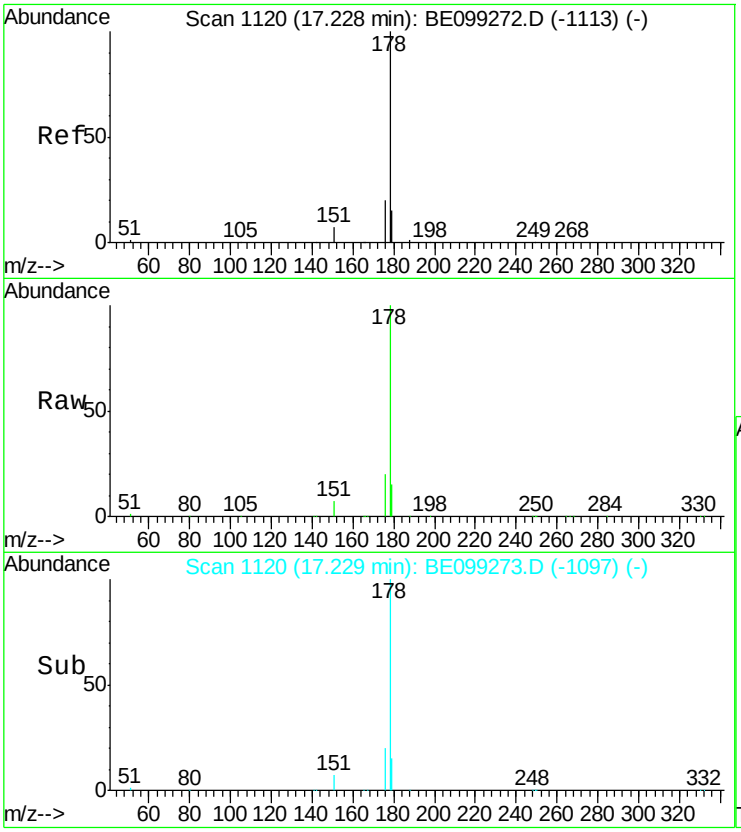


#22
Pentachlorophenol
Concen: 1.960 ng
RT: 16.84 min Scan# 1091
Delta R.T. 0.00 min
Lab File: BE099273.D
Acq: 2 Apr 2019 13:51

Tgt Ion:266 Resp: 3906

Ion	Ratio	Lower	Upper
266	100		
264	60.3	51.8	77.8
268	64.1	54.7	82.1



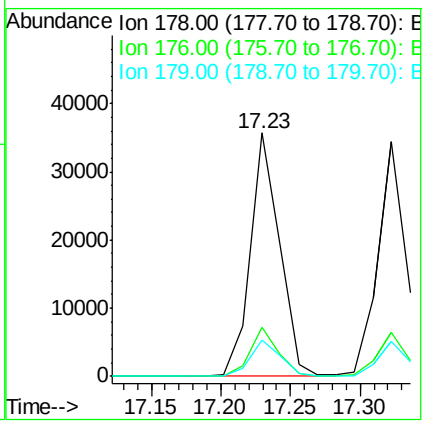


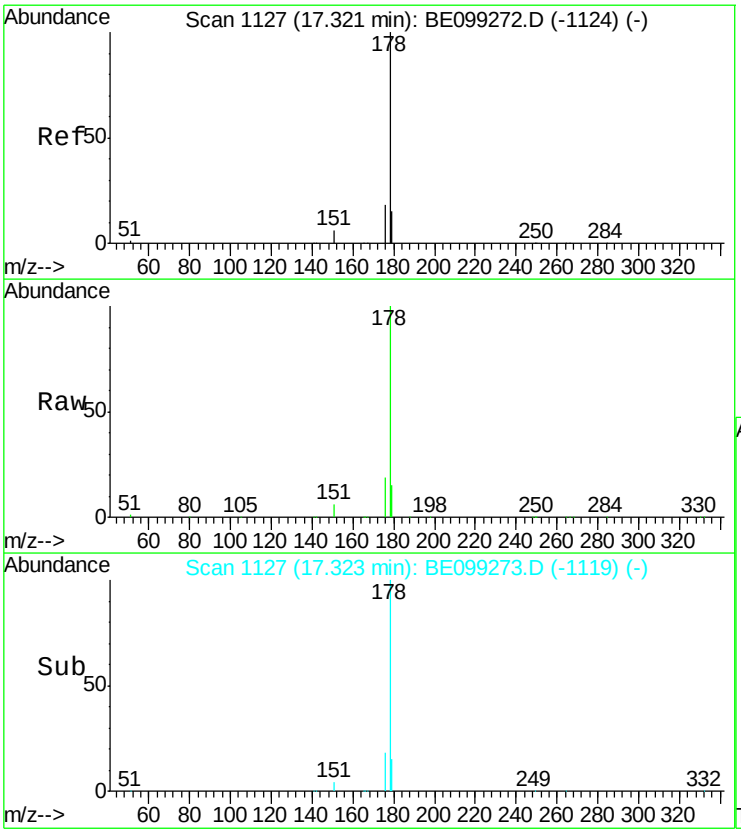
#23
Phenanthrene
Concen: 0.726 ng
RT: 17.23 min Scan# 1120
Delta R.T. 0.00 min
Lab File: BE099273.D
Acq: 2 Apr 2019 13:51

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:178 Resp: 51697

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.4	23.2
179	15.1	12.3	18.5

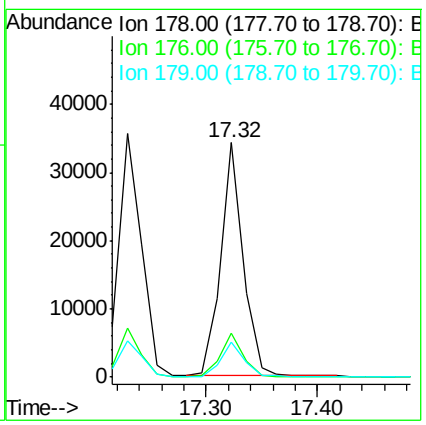


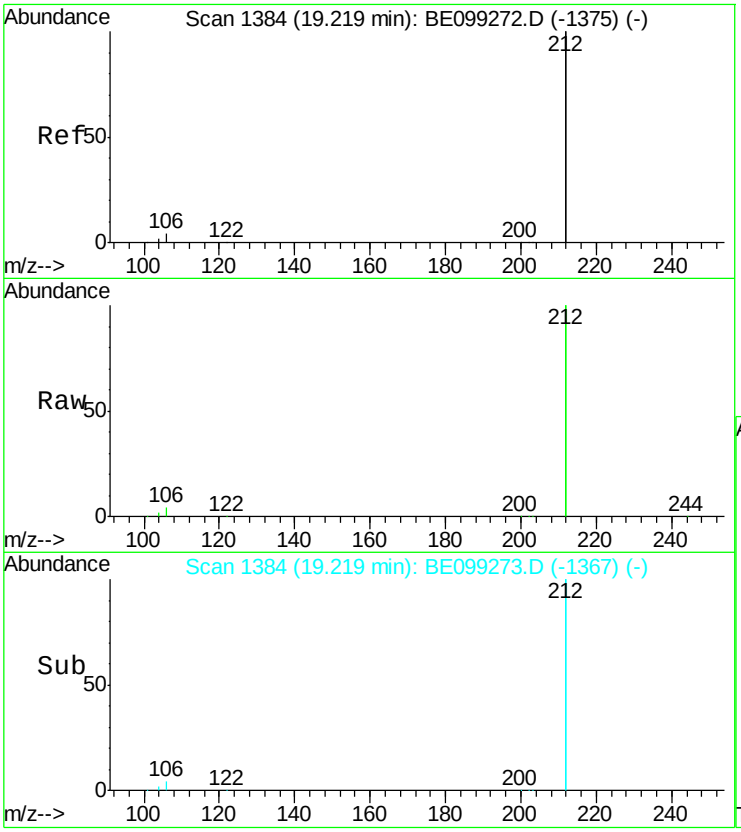


#24
Anthracene
Concen: 0.747 ng
RT: 17.32 min Scan# 1127
Delta R.T. 0.00 min
Lab File: BE099273.D
Acq: 2 Apr 2019 13:51

Tgt Ion:178 Resp: 48048

Ion	Ratio	Lower	Upper
178	100		
176	18.8	14.7	22.1
179	15.2	12.3	18.5



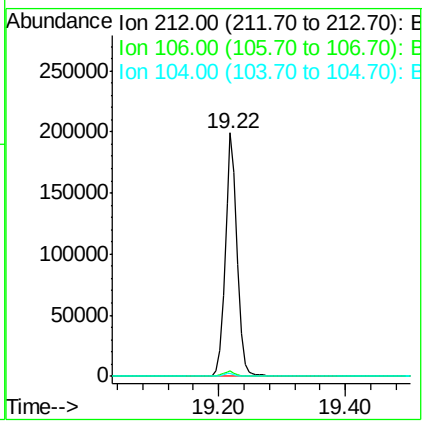


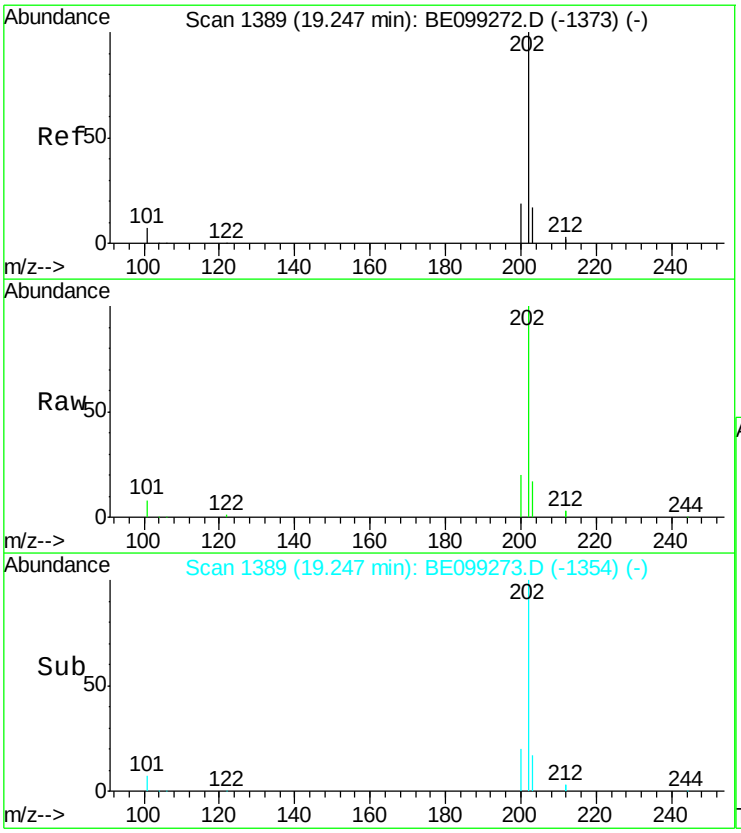
#25
Fluoranthene-d10
Concen: 0.879 ng
RT: 19.22 min Scan# 1384
Delta R.T. -0.00 min
Lab File: BE099273.D
Acq: 2 Apr 2019 13:51

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:212 Resp: 258205

Ion	Ratio	Lower	Upper
212	100		
106	2.1	1.7	2.5
104	1.2	1.0	1.4

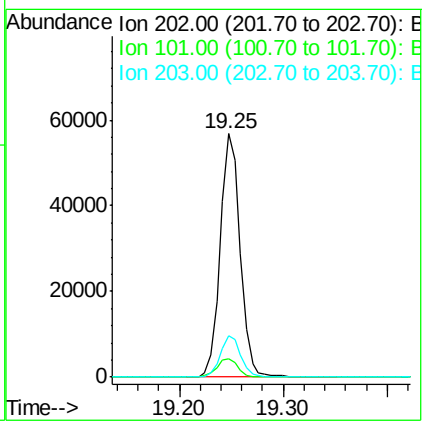


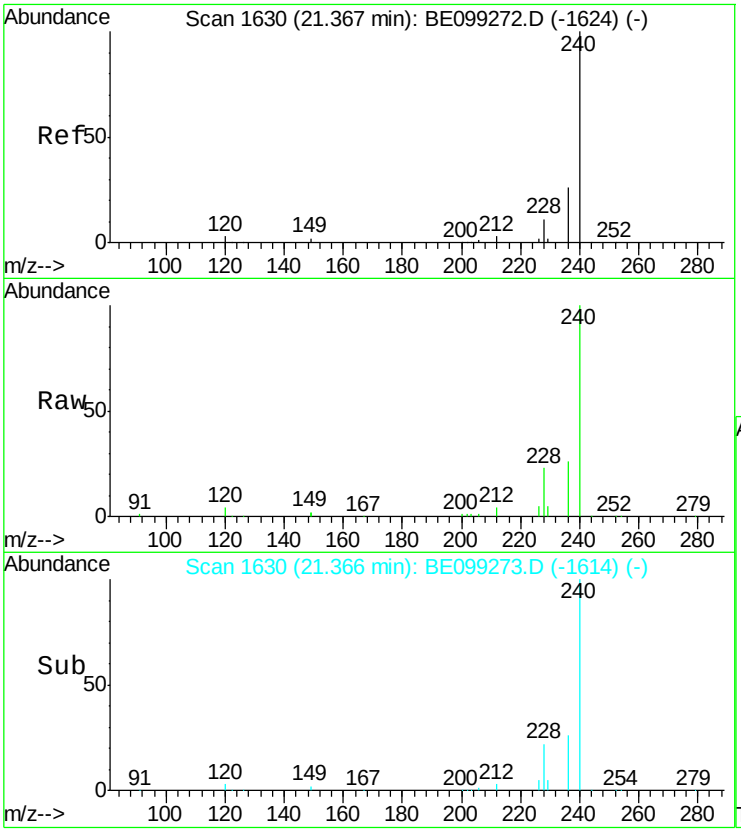


#26
Fluoranthene
Concen: 0.823 ng
RT: 19.25 min Scan# 1389
Delta R.T. -0.00 min
Lab File: BE099273.D
Acq: 2 Apr 2019 13:51

Tgt Ion:202 Resp: 74824

Ion	Ratio	Lower	Upper
202	100		
101	7.7	6.2	9.4
203	17.1	13.9	20.9



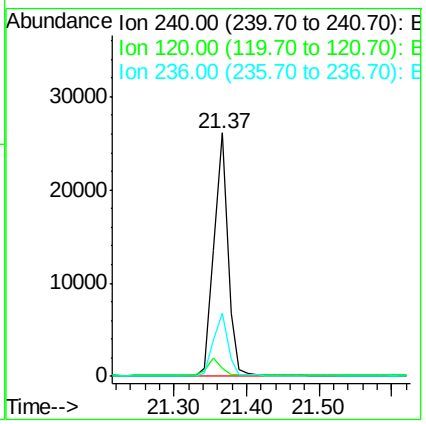


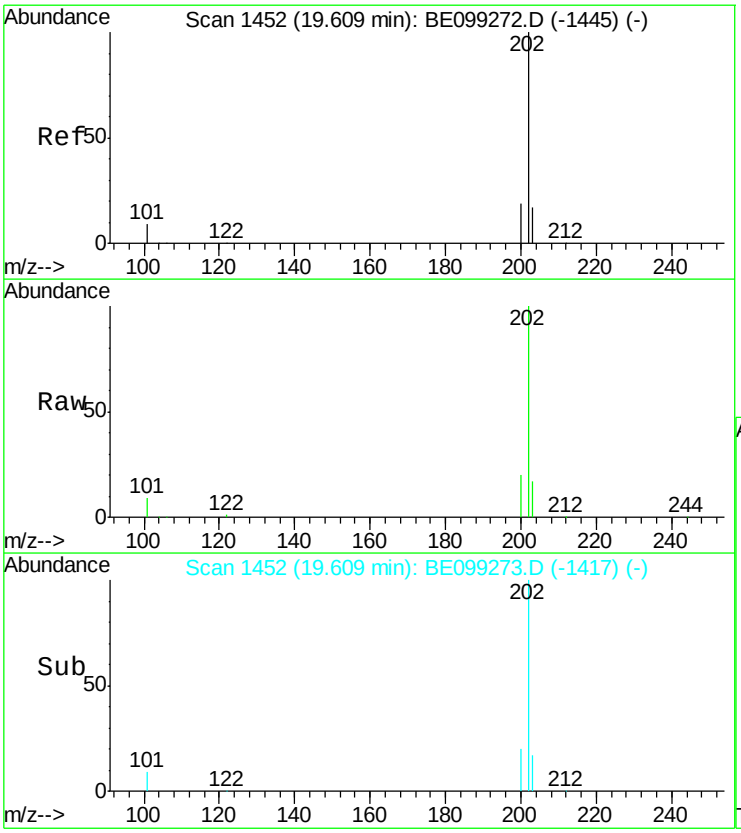
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.37 min Scan# 1630
Delta R.T. -0.00 min
Lab File: BE099273.D
Acq: 2 Apr 2019 13:51

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:240 Resp: 35255

Ion	Ratio	Lower	Upper
240	100		
120	3.6	2.7	4.1
236	26.1	20.7	31.1

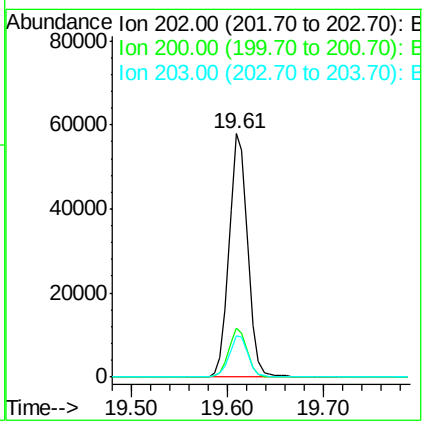


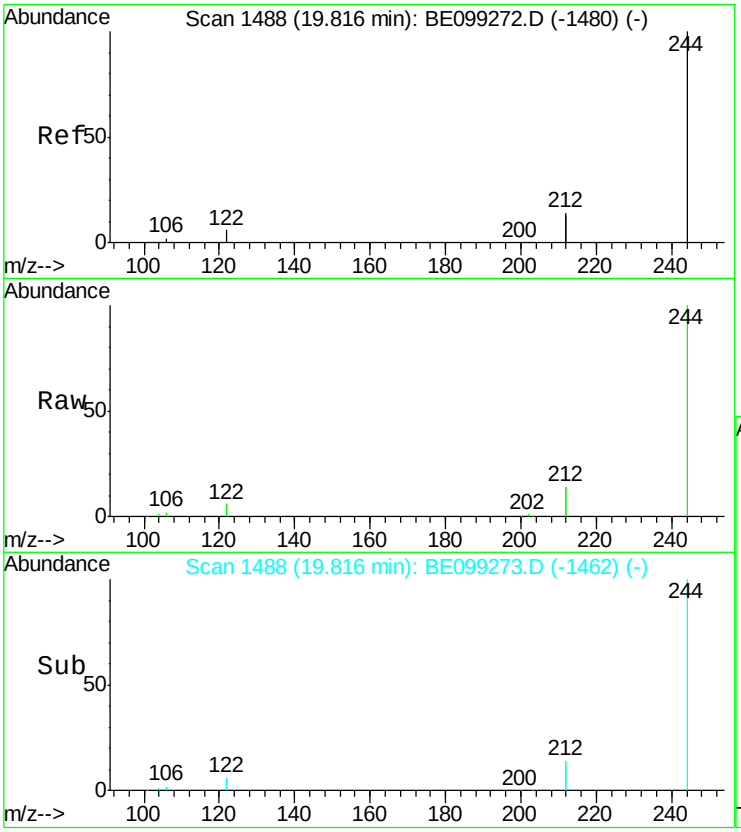


#28
Pyrene
Concen: 0.656 ng
RT: 19.61 min Scan# 1452
Delta R.T. -0.00 min
Lab File: BE099273.D
Acq: 2 Apr 2019 13:51

Tgt Ion:202 Resp: 76850

Ion	Ratio	Lower	Upper
202	100		
200	19.8	15.7	23.5
203	17.5	13.9	20.9



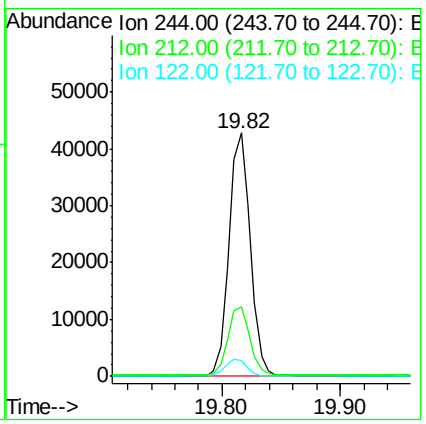


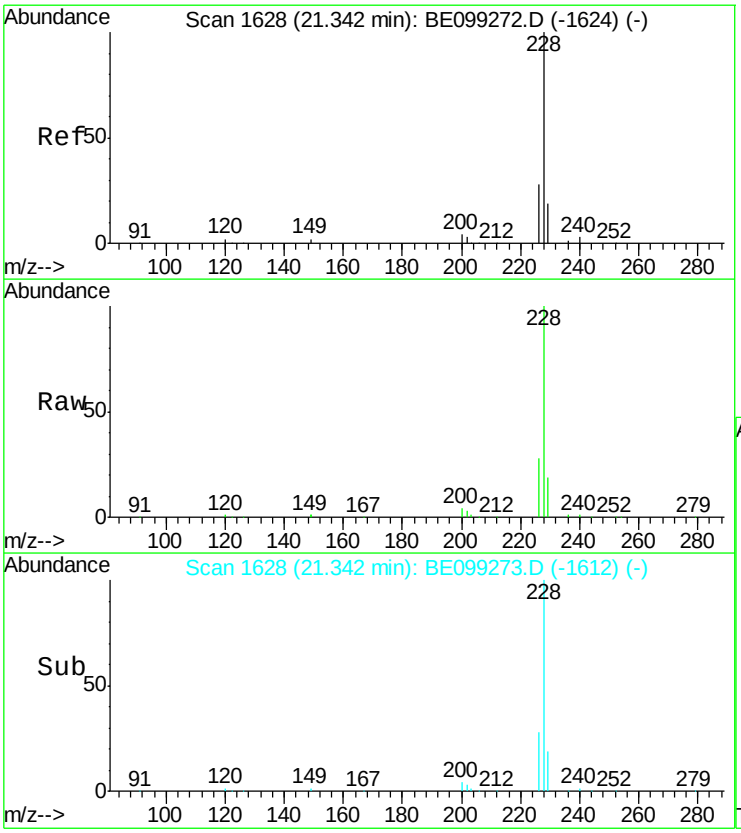
#29
Terphenyl-d14
Concen: 0.693 ng
RT: 19.82 min Scan# 1488
Delta R.T. -0.00 min
Lab File: BE099273.D
Acq: 2 Apr 2019 13:51

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:244 Resp: 53166

Ion	Ratio	Lower	Upper
244	100		
212	28.7	22.6	33.8
122	6.3	4.6	7.0

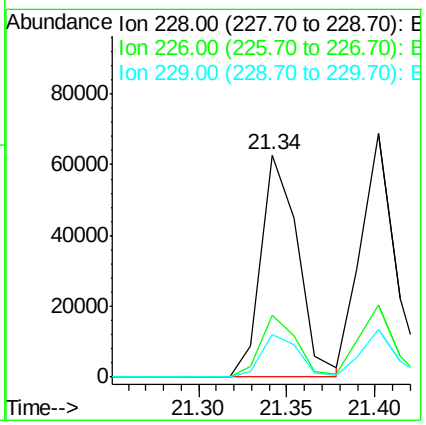


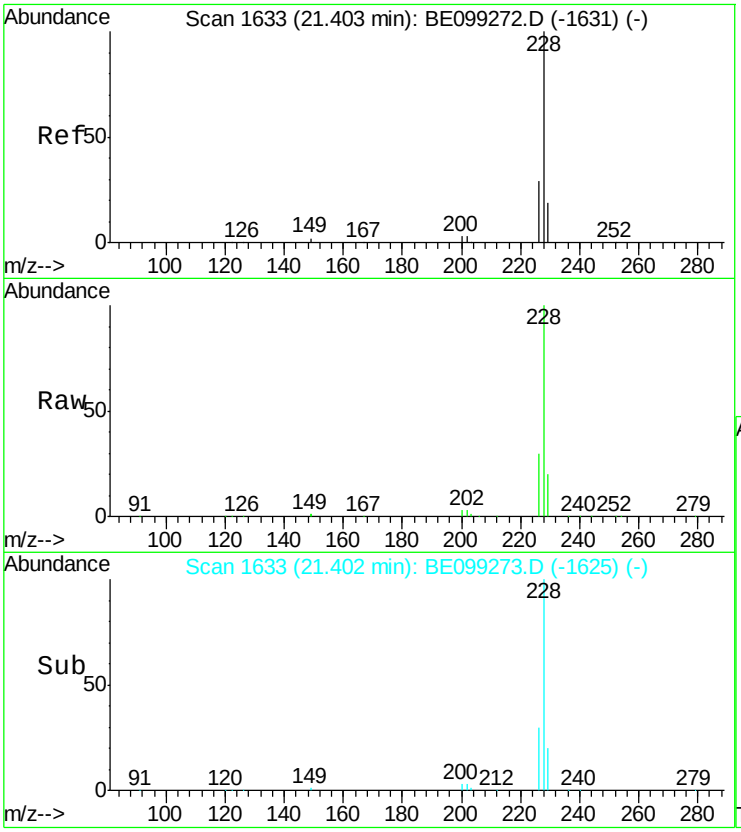


#30
Benzo(a)anthracene
Concen: 0.782 ng
RT: 21.34 min Scan# 1628
Delta R.T. -0.00 min
Lab File: BE099273.D
Acq: 2 Apr 2019 13:51

Tgt Ion:228 Resp: 90947

Ion	Ratio	Lower	Upper
228	100		
226	28.0	22.3	33.5
229	19.3	15.4	23.0



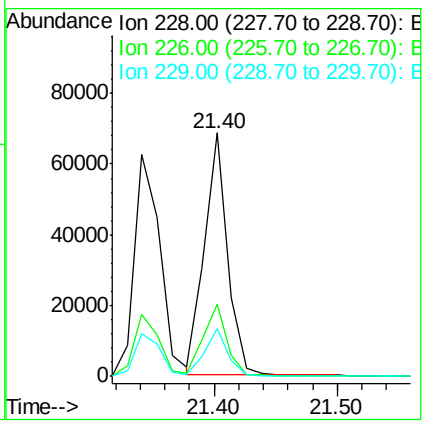


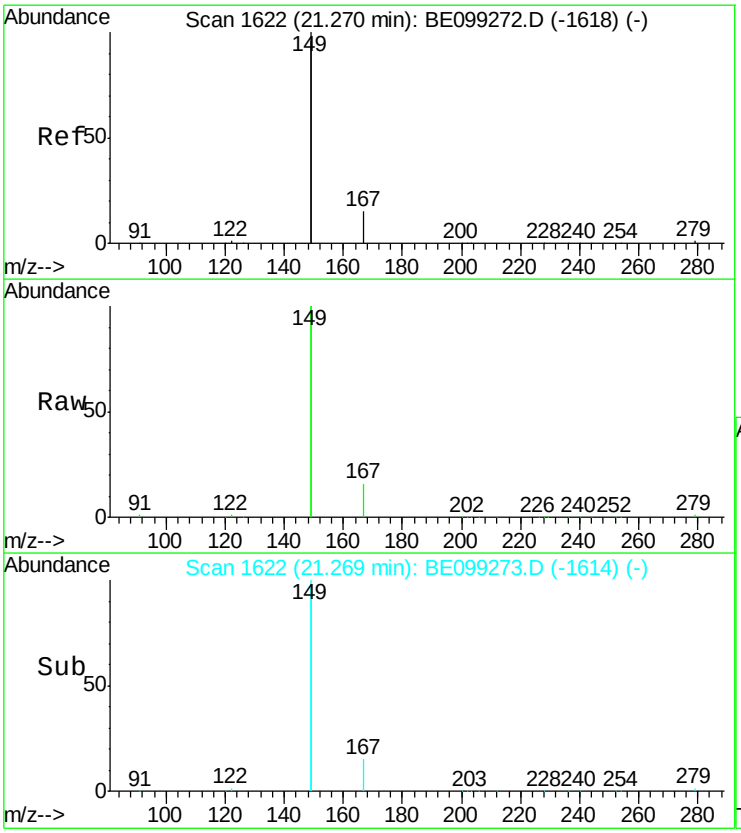
#31
Chrysene
Concen: 0.719 ng
RT: 21.40 min Scan# 1633
Delta R.T. -0.00 min
Lab File: BE099273.D
Acq: 2 Apr 2019 13:51

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:228 Resp: 89345

Ion	Ratio	Lower	Upper
228	100		
226	29.6	23.7	35.5
229	19.8	15.6	23.4

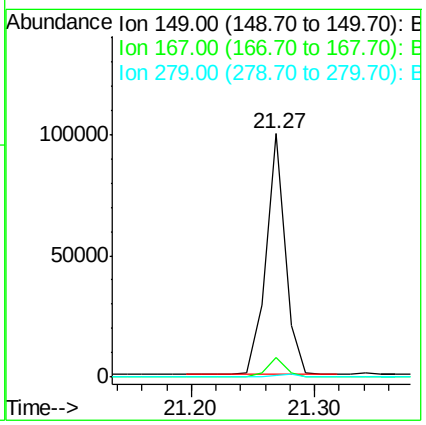


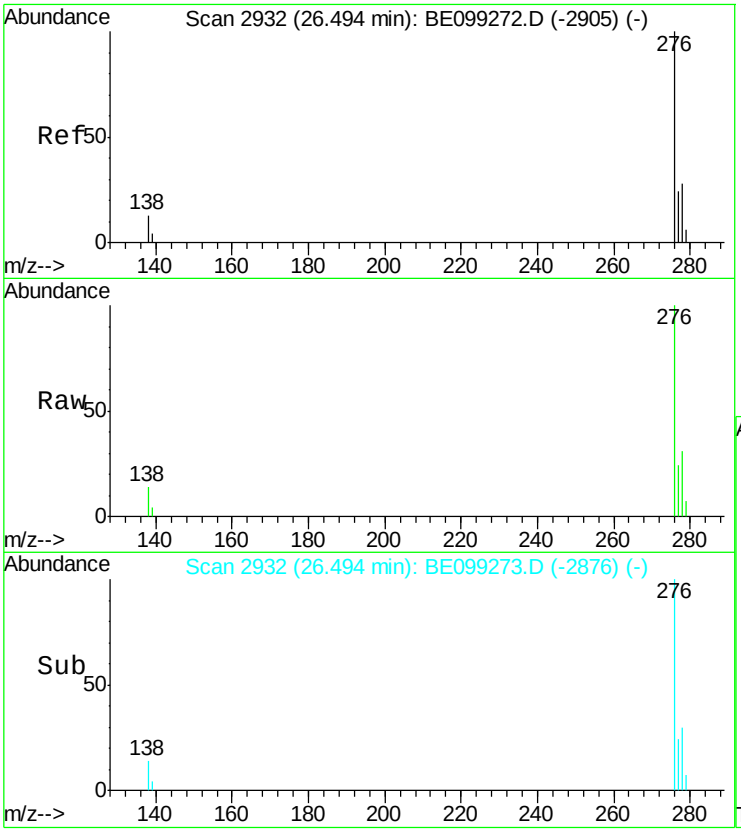


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.784 ng
RT: 21.27 min Scan# 1622
Delta R.T. -0.00 min
Lab File: BE099273.D
Acq: 2 Apr 2019 13:51

Tgt Ion:149 Resp: 108805

Ion	Ratio	Lower	Upper
149	100		
167	7.6	6.1	9.1
279	1.2	1.0	1.4



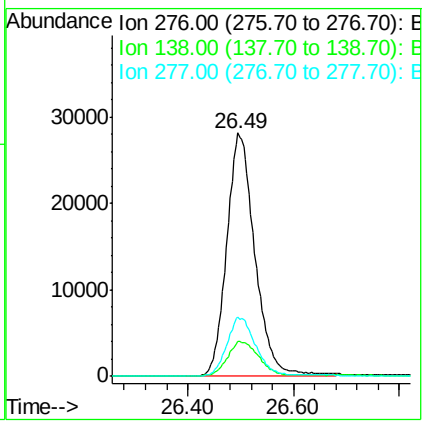


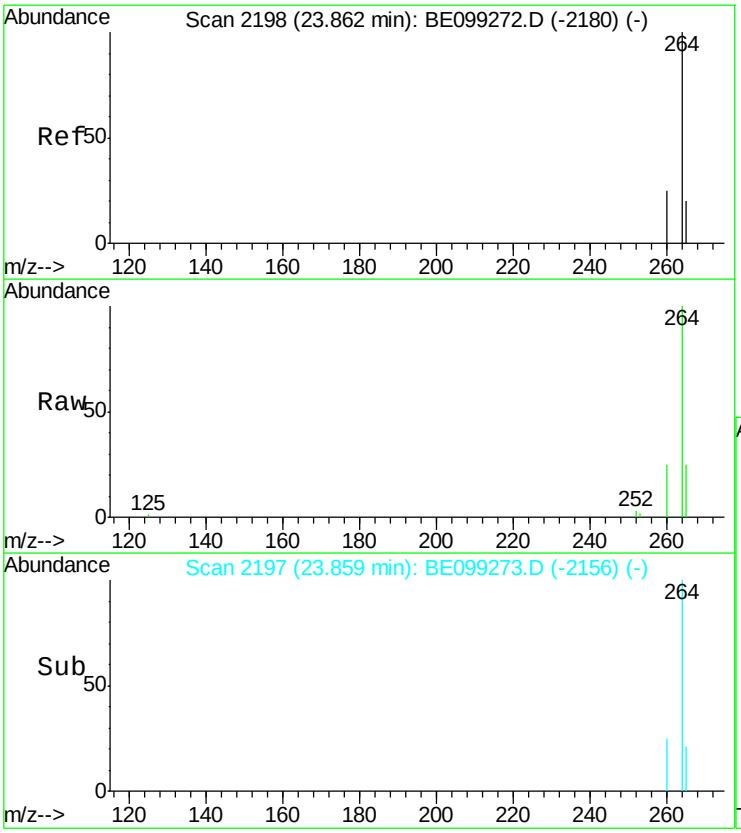
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.882 ng
RT: 26.49 min Scan# 2932
Delta R.T. 0.00 min
Lab File: BE099273.D
Acq: 2 Apr 2019 13:51

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:276 Resp: 103797

Ion	Ratio	Lower	Upper
276	100		
138	15.4	12.6	18.8
277	24.4	19.4	29.2

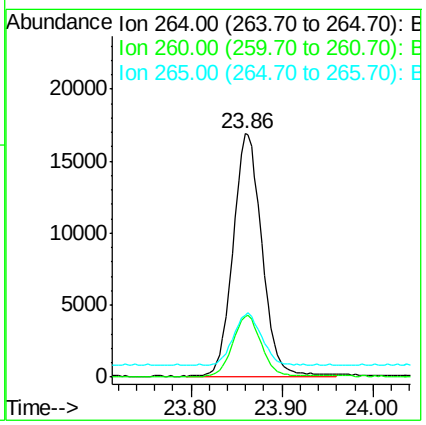


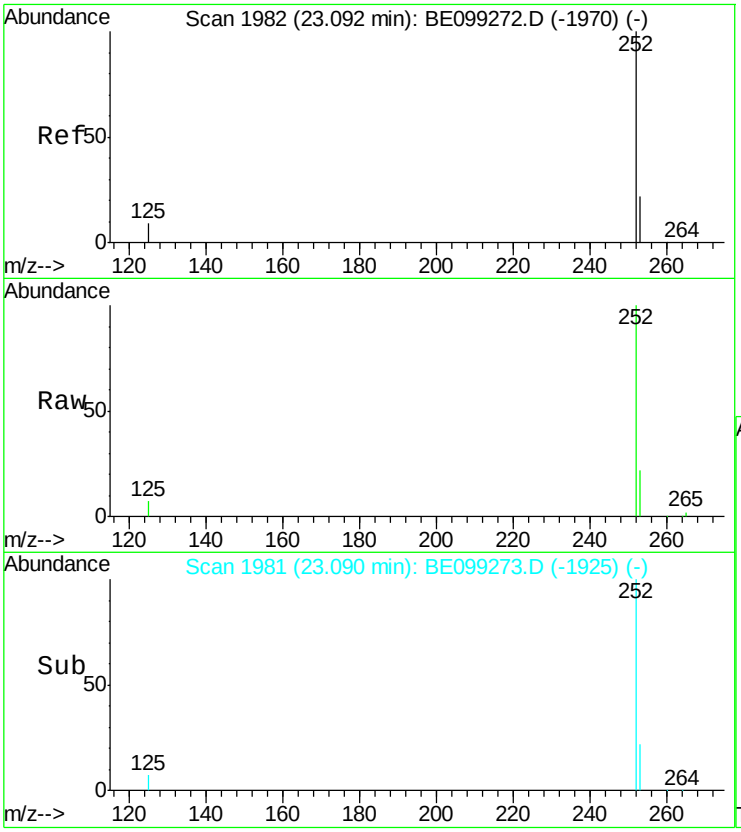


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.86 min Scan# 2197
Delta R.T. -0.00 min
Lab File: BE099273.D
Acq: 2 Apr 2019 13:51

Tgt Ion:264 Resp: 36875

Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.8	29.8
265	25.4	19.3	28.9



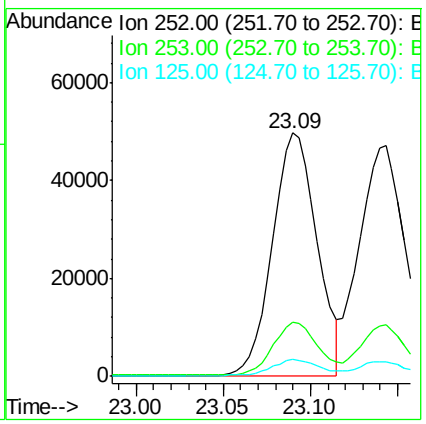


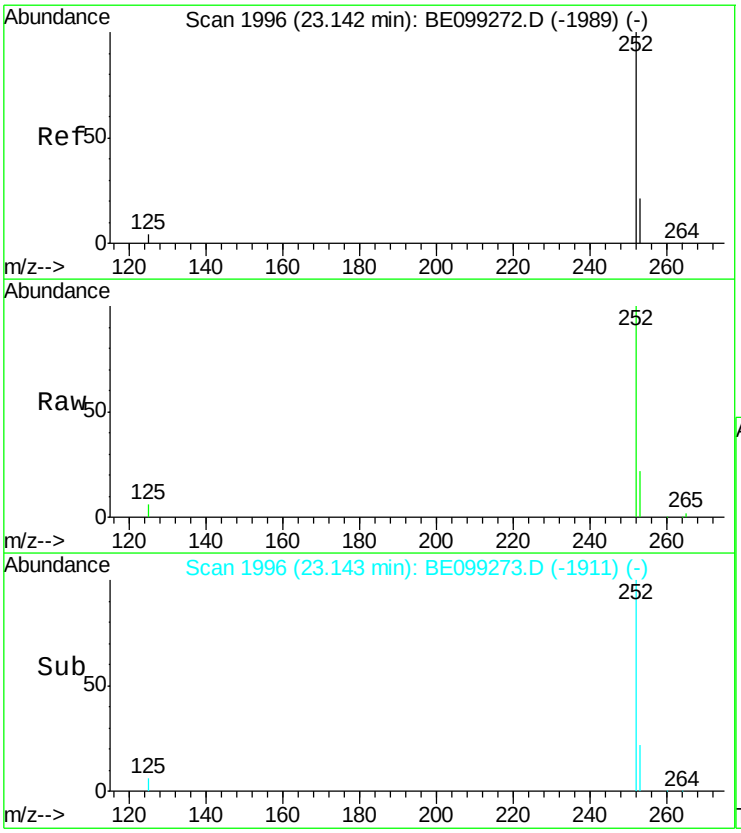
#35
Benzo(b)fluoranthene
Concen: 0.723 ng
RT: 23.09 min Scan# 1981
Delta R.T. -0.00 min
Lab File: BE099273.D
Acq: 2 Apr 2019 13:51

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:252 Resp: 87756

Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.6	27.8
125	6.9	7.4	11.2#

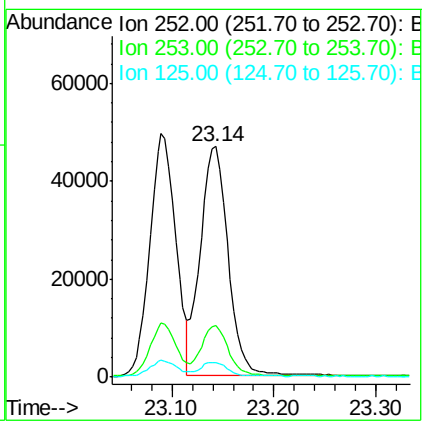


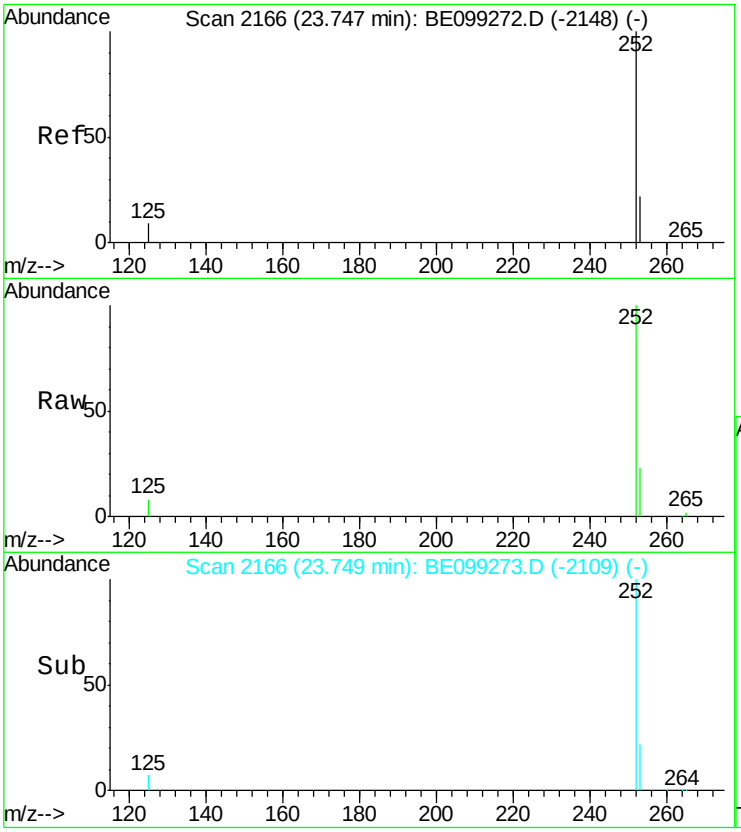


#36
Benzo(k)fluoranthene
Concen: 0.689 ng
RT: 23.14 min Scan# 1996
Delta R.T. 0.00 min
Lab File: BE099273.D
Acq: 2 Apr 2019 13:51

Tgt Ion:252 Resp: 88421

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.9	26.9
125	6.4	5.8	8.6



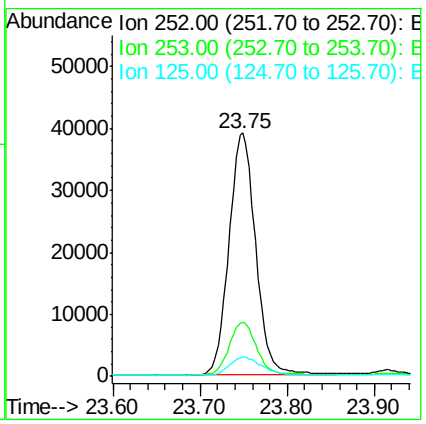


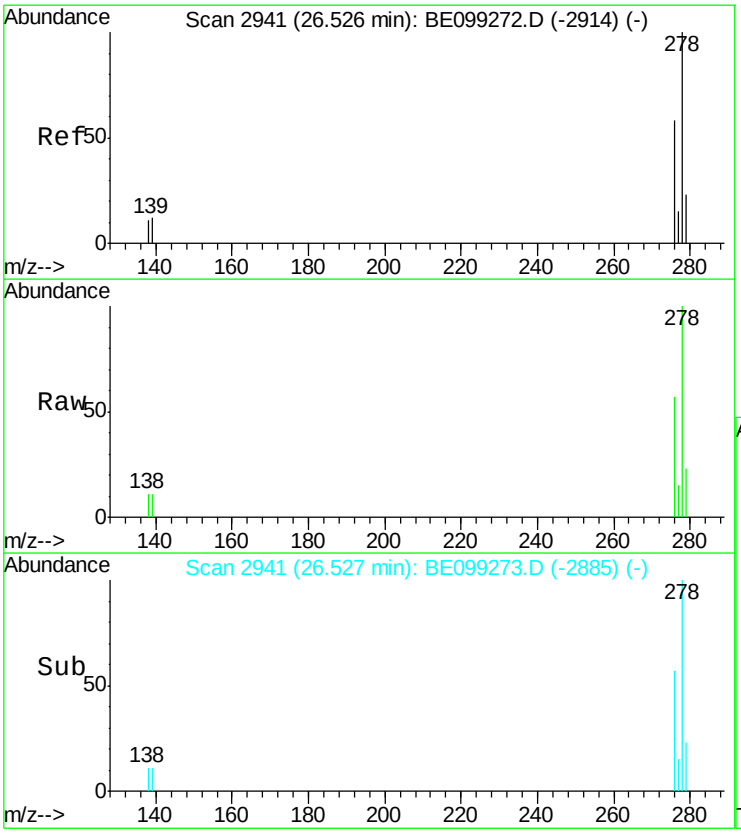
#37
Benzo(a)pyrene
Concen: 0.736 ng
RT: 23.75 min Scan# 2166
Delta R.T. 0.00 min
Lab File: BE099273.D
Acq: 2 Apr 2019 13:51

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:252 Resp: 83405

Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.4	27.6
125	7.8	7.8	11.8

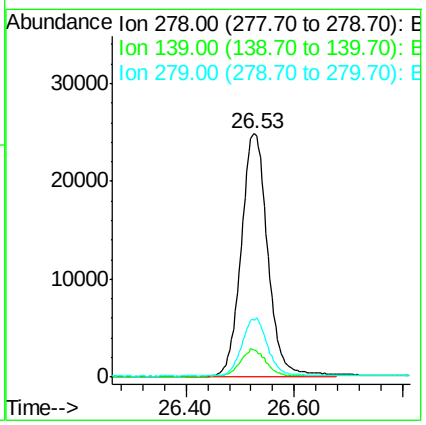


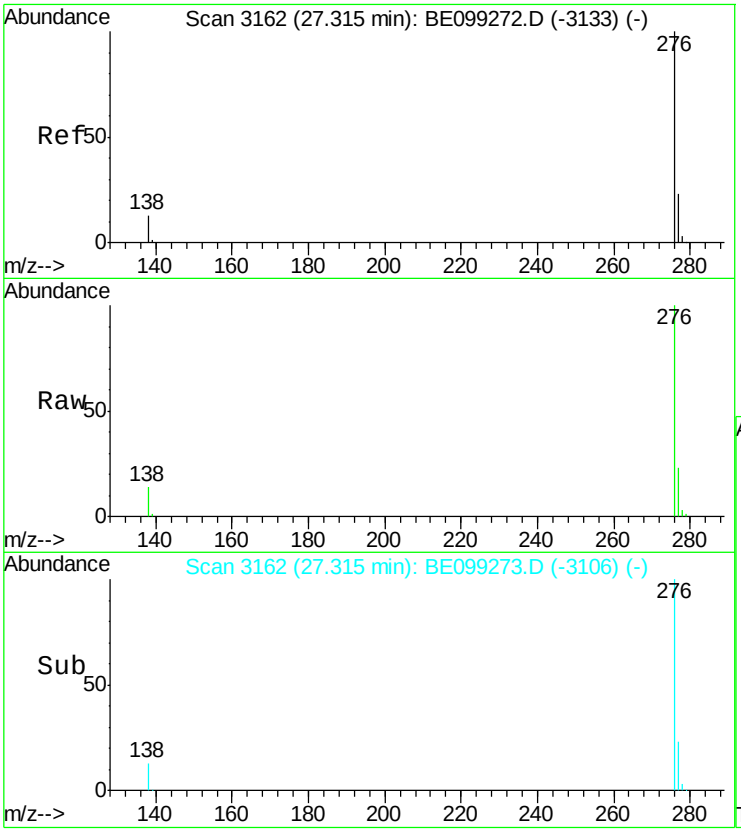


#38
Dibenzo(a,h)anthracene
Concen: 0.844 ng
RT: 26.53 min Scan# 2941
Delta R.T. 0.00 min
Lab File: BE099273.D
Acq: 2 Apr 2019 13:51

Tgt Ion:278 Resp: 84957

Ion	Ratio	Lower	Upper
278	100		
139	11.3	10.2	15.2
279	23.2	19.0	28.4





#39
Benzo(g,h,i)perylene
Concen: 0.838 ng
RT: 27.31 min Scan# 3162
Delta R.T. 0.00 min
Lab File: BE099273.D
Acq: 2 Apr 2019 13:51

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:276 Resp: 84599

Ion	Ratio	Lower	Upper
276	100		
277	23.2	18.9	28.3
138	13.6	11.2	16.8