Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE040219\
Data File : BE099270.D
Acq On : 2 Apr 2019 12:00
Operator : JU/SJ
Sample : SSTDICC0.1
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDICC0.1

Quant Time: Apr 02 14:07:36 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	3037	0.40	ng		0.00
7) Naphthalene-d8	10.61	136	11423	0.40	ng		0.00
13) Acenaphthene-d10	14.46	164	7580	0.40	ng		0.00
19) Phenanthrene-d10	17.19	188	23819	0.40	ng		0.00
27) Chrysene-d12	21.37	240	35951	0.40	ng		0.00
34) Perylene-d12	23.86	264	39822	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.39	112	785	0.09	ng		0.00
5) Phenol-d6	6.98	99	1035	0.07	ng		0.01
8) Nitrobenzene-d5	8.96	82	629	0.07	ng		0.00
11) 2-Methylnaphthalene-d10	12.21	152	1802	0.08	ng		0.00
14) 2,4,6-Tribromophenol	15.94	330	290	0.11	ng		0.00
15) 2-Fluorobiphenyl	13.09	172	2803	0.09	ng		0.00
25) Fluoranthene-d10	19.22	212	29364	0.10	ng		0.00
29) Terphenyl-d14	19.82	244	6075	0.08	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.32	88	659	0.165	ng		88
3) n-Nitrosodimethylamine	3.65	42	204	0.091	ng	#	95
6) bis(2-Chloroethyl)ether	7.24	93	965	0.089	ng	#	98
9) Naphthalene	10.65	128	11661	0.087	ng	#	98
10) Hexachlorobutadiene	10.94	225	801	0.112	ng		94
12) 2-Methylnaphthalene	12.28	142	1914	0.079	ng		97
16) Acenaphthylene	14.18	152	3329	0.086	ng		98
17) Acenaphthene	14.53	154	1962	0.085	ng		98
18) Fluorene	15.49	166	2810	0.086	ng		95
20) 4-Bromophenyl-phenylether	16.38	248	1254	0.082	ng		95
21) Hexachlorobenzene	16.49	284	1168	0.079	ng		97
22) Pentachlorophenol	16.84	266	451	0.230	ng		91
23) Phenanthrene	17.23	178	5814	0.083	ng		98
24) Anthracene	17.32	178	5308	0.084	ng		99
26) Fluoranthene	19.25	202	8392	0.094	ng		99
28) Pyrene	19.61	202	8729	0.073	ng		100
30) Benzo(a)anthracene	21.34	228	10775	0.091	ng		100
31) Chrysene	21.40	228	10438	0.082	ng		99
32) Bis(2-ethylhexyl)phthalate	21.27	149	15829	0.112	ng		100
33) Indeno(1,2,3-cd)pyrene	26.50	276	12317	0.103	ng	#	95
35) Benzo(b)fluoranthene	23.09	252	11813	0.090	ng	#	46
36) Benzo(k)fluoranthene	23.14	252	10574	0.076	ng	#	87
37) Benzo(a)pyrene	23.75	252	11203	0.092	ng	#	72
38) Dibenzo(a,h)anthracene	26.53	278	9985	0.092	ng	#	81
39) Benzo(g,h,i)perylene	27.32	276	10258	0.094	ng		96

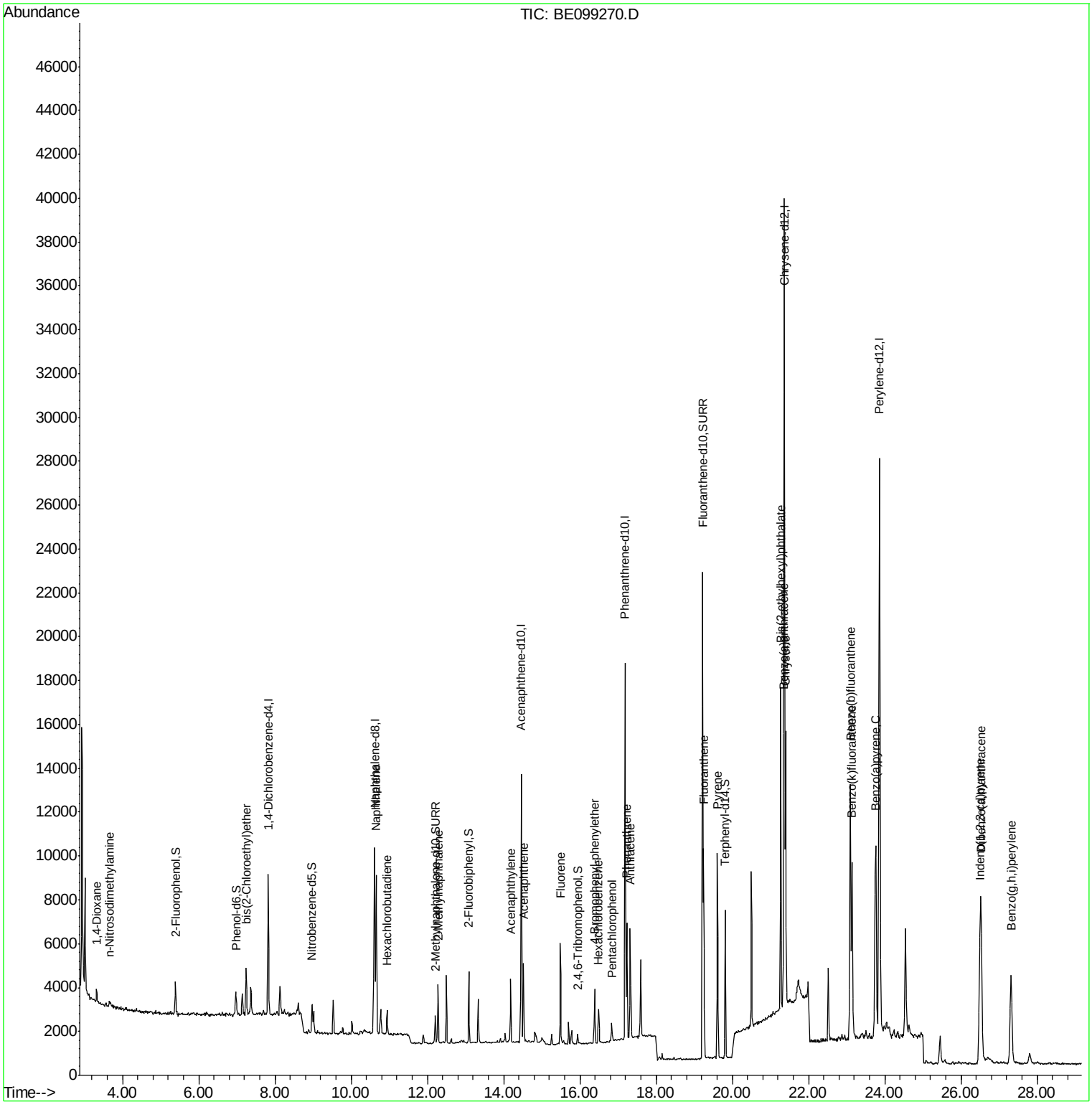
(#) = qualifier out of range (m) = manual integration (+) = signals summed

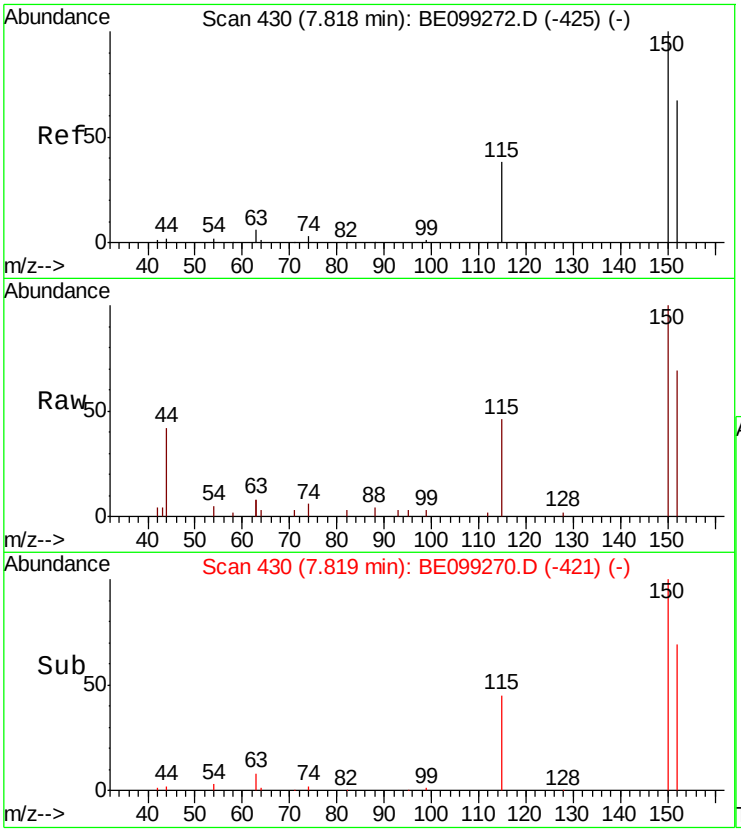
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE040219\
Data File : BE099270.D
Acq On : 2 Apr 2019 12:00
Operator : JU/SJ
Sample : SSTDICC0.1
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Quant Time: Apr 02 14:07:36 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



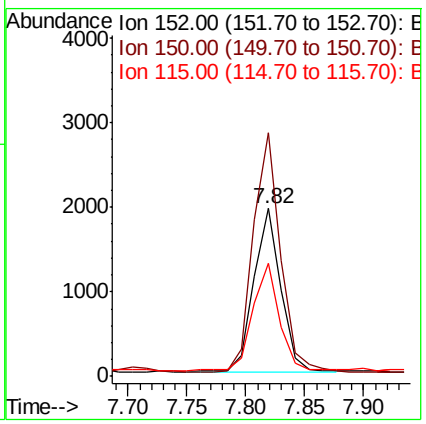


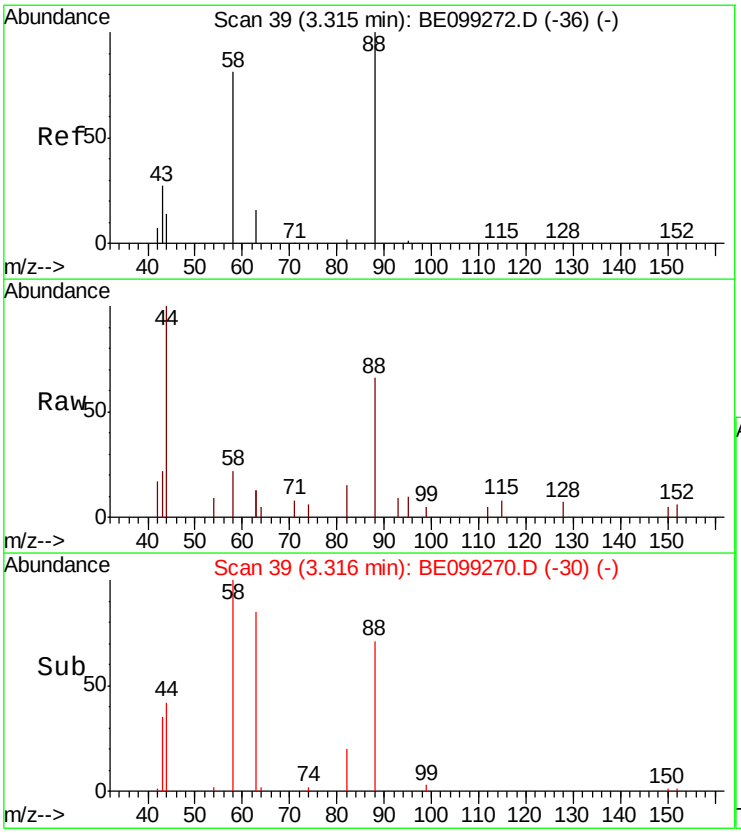
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.82 min Scan# 430
Delta R.T. 0.00 min
Lab File: BE099270.D
Acq: 2 Apr 2019 12:00

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:152 Resp: 3037

Ion	Ratio	Lower	Upper
152	100		
150	145.2	118.6	178.0
115	67.3	47.6	71.4

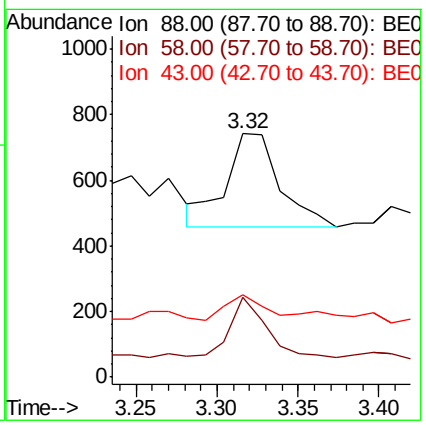


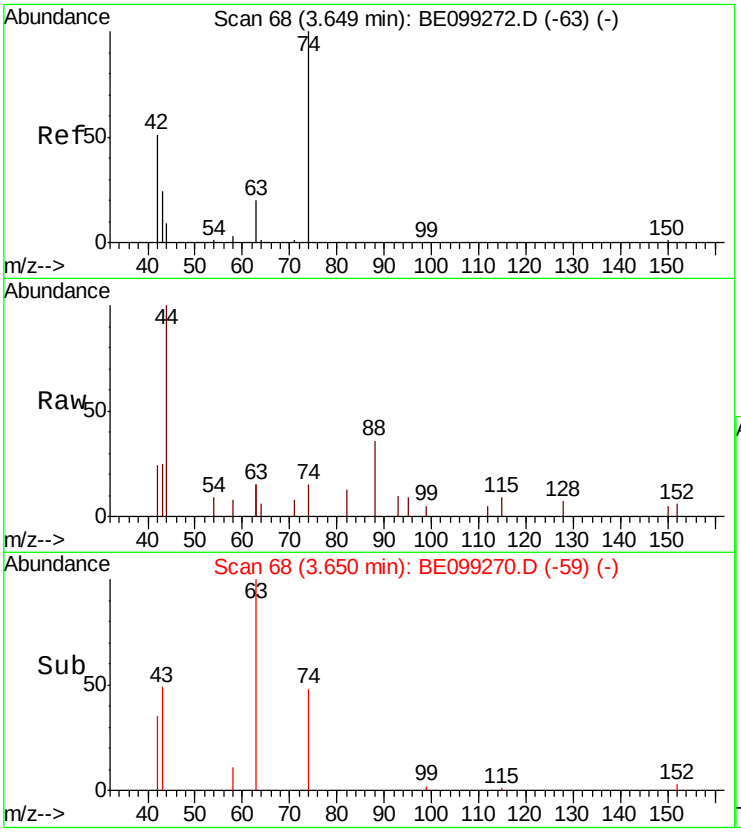


#2
1,4-Dioxane
Concen: 0.165 ng
RT: 3.32 min Scan# 39
Delta R.T. 0.00 min
Lab File: BE099270.D
Acq: 2 Apr 2019 12:00

Tgt Ion: 88 Resp: 659

Ion	Ratio	Lower	Upper
88	100		
58	43.7	43.0	64.4
43	21.2	14.8	22.2

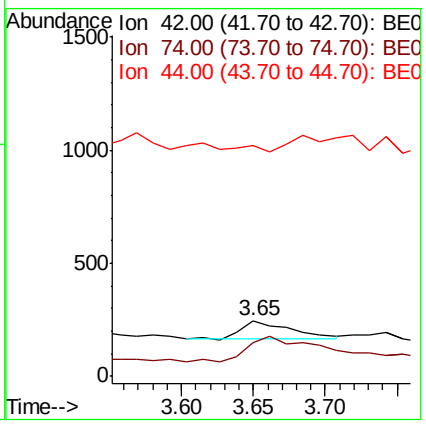




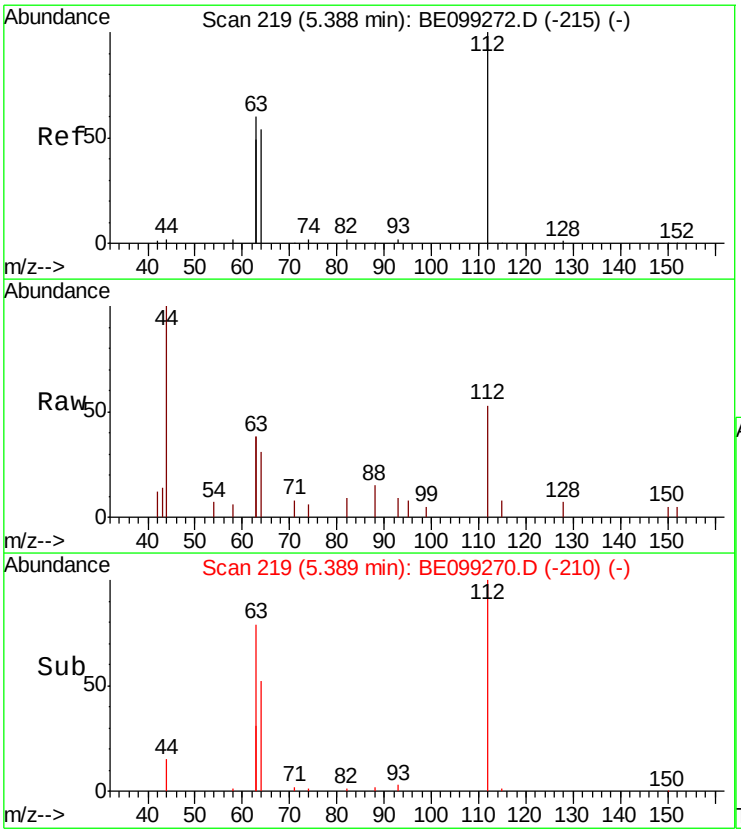
#3
n-Nitrosodimethylamine
Concen: 0.091 ng
RT: 3.65 min Scan# 68
Delta R.T. 0.00 min
Lab File: BE099270.D
Acq: 2 Apr 2019 12:00

Tgt Ion: 42 Resp: 204

Ion	Ratio	Lower	Upper
42	100		
74	174.0	133.8	200.8
44	0.0	0.0	0.0



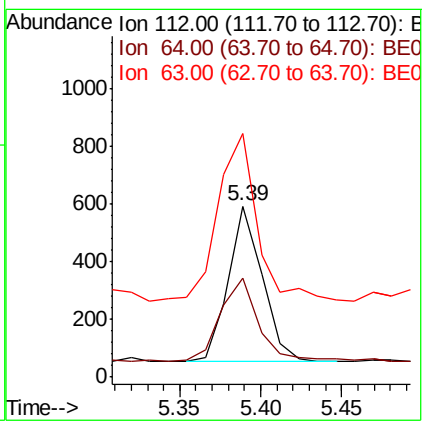
Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

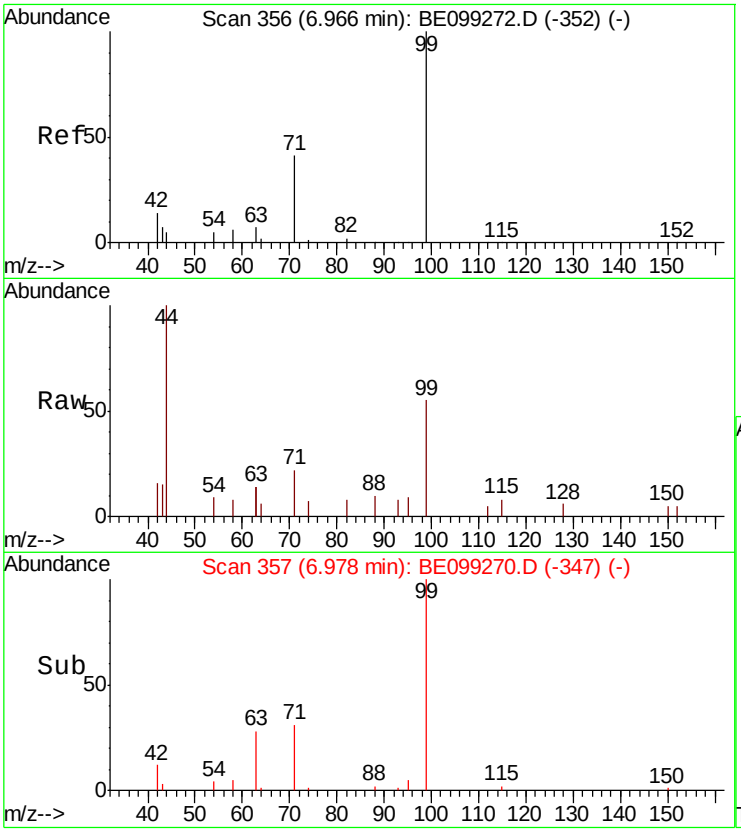


#4
2-Fluorophenol
Concen: 0.087 ng
RT: 5.39 min Scan# 219
Delta R.T. 0.00 min
Lab File: BE099270.D
Acq: 2 Apr 2019 12:00

Tgt Ion:112 Resp: 785

Ion	Ratio	Lower	Upper
112	100		
64	60.6	45.1	67.7
63	125.2	94.4	141.6



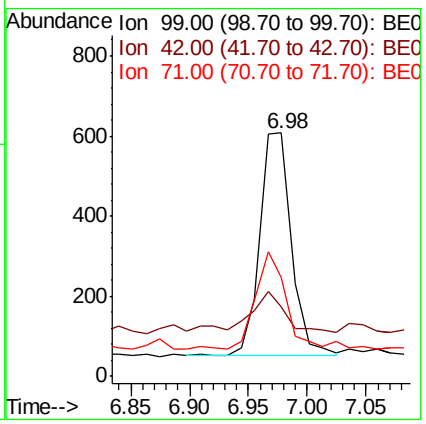


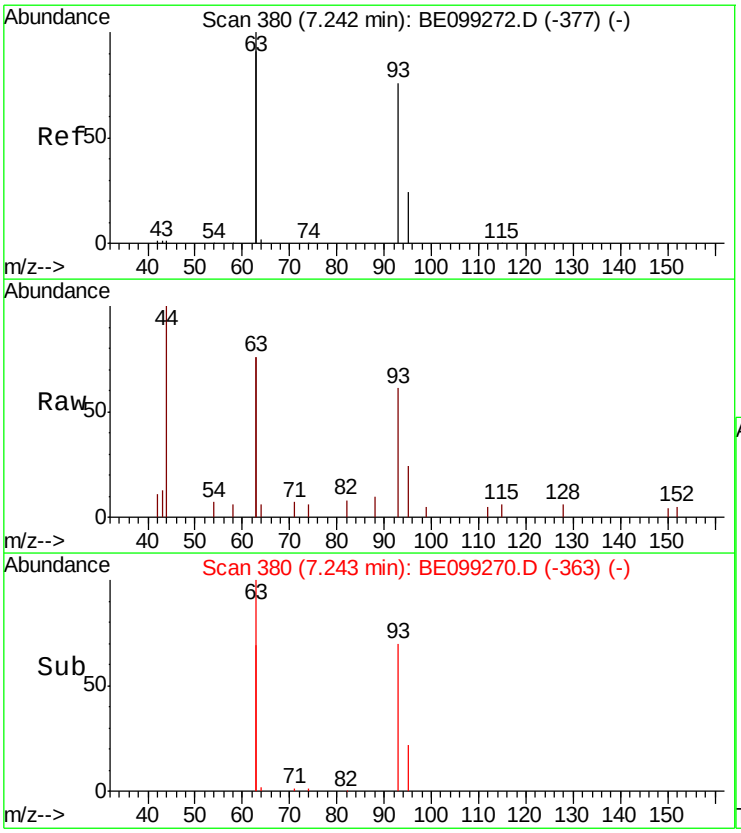
#5
Phenol-d6
Concen: 0.075 ng
RT: 6.98 min Scan# 357
Delta R.T. 0.01 min
Lab File: BE099270.D
Acq: 2 Apr 2019 12:00

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion: 99 Resp: 1035

Ion	Ratio	Lower	Upper
99	100		
42	19.0	12.2	18.4#
71	45.6	30.1	45.1#

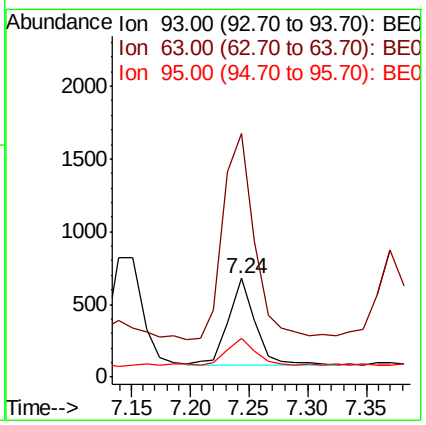


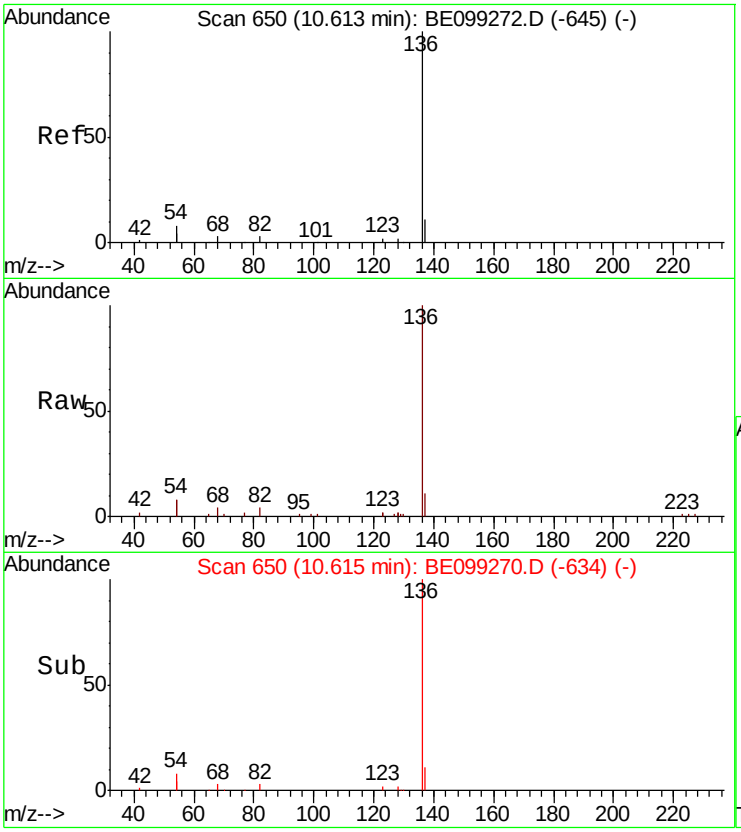


#6
bis(2-Chloroethyl)ether
Concen: 0.089 ng
RT: 7.24 min Scan# 380
Delta R.T. 0.00 min
Lab File: BE099270.D
Acq: 2 Apr 2019 12:00

Tgt Ion: 93 Resp: 965

Ion	Ratio	Lower	Upper
93	100		
63	273.1	219.4	329.2
95	44.1	28.2	42.2#



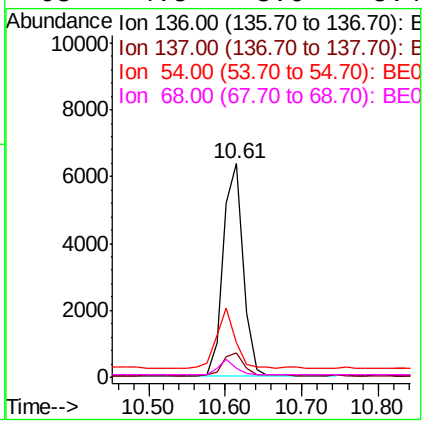


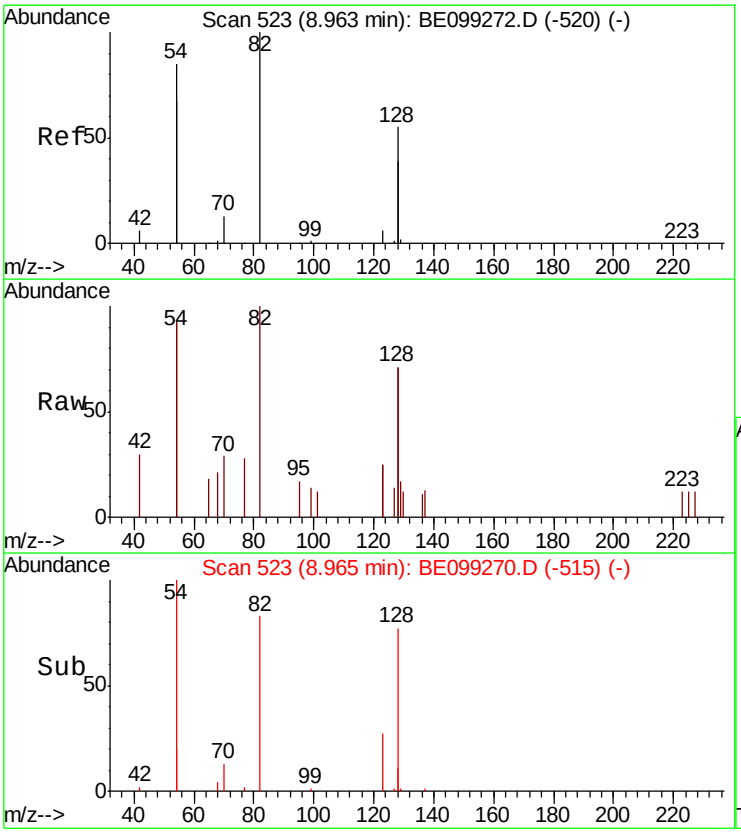
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.61 min Scan# 650
Delta R.T. 0.00 min
Lab File: BE099270.D
Acq: 2 Apr 2019 12:00

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:136 Resp: 11423

Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.0	13.4
54	16.0	12.9	19.3
68	4.5	3.6	5.4

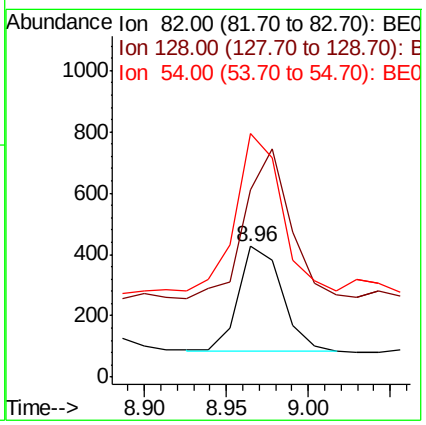


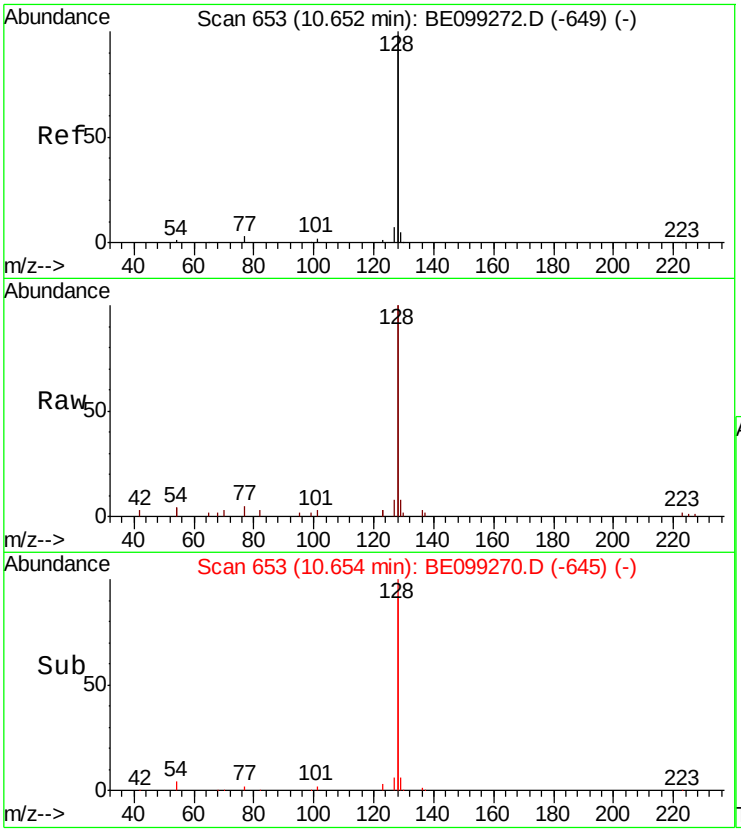


#8
Nitrobenzene-d5
Concen: 0.067 ng
RT: 8.96 min Scan# 523
Delta R.T. 0.00 min
Lab File: BE099270.D
Acq: 2 Apr 2019 12:00

Tgt Ion: 82 Resp: 629

Ion	Ratio	Lower	Upper
82	100		
128	142.9	83.2	124.8#
54	185.9	129.3	193.9



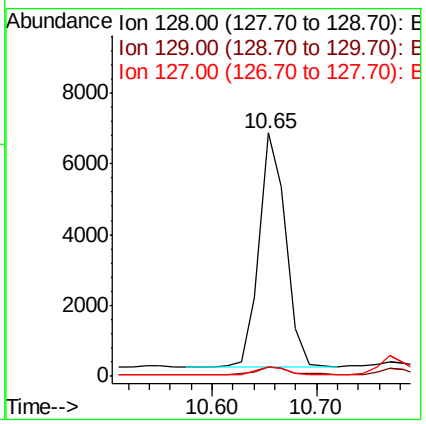


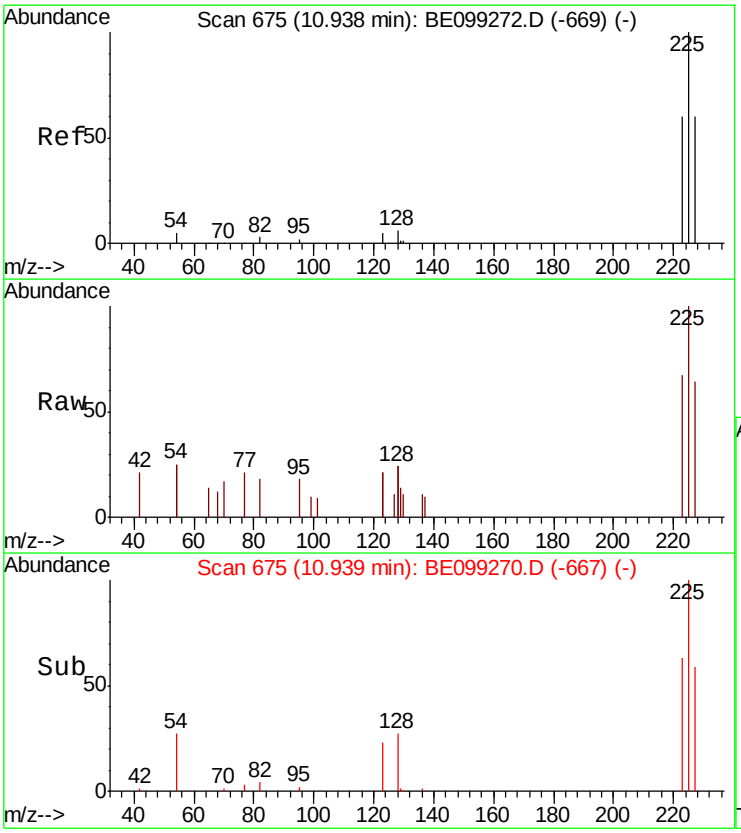
#9
Naphthalene
Concen: 0.087 ng
RT: 10.65 min Scan# 653
Delta R.T. 0.00 min
Lab File: BE099270.D
Acq: 2 Apr 2019 12:00

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:128 Resp: 11661

Ion	Ratio	Lower	Upper
128	100		
129	3.8	2.2	3.4#
127	4.0	2.7	4.1

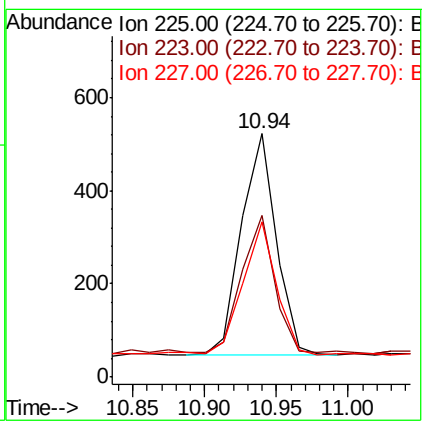


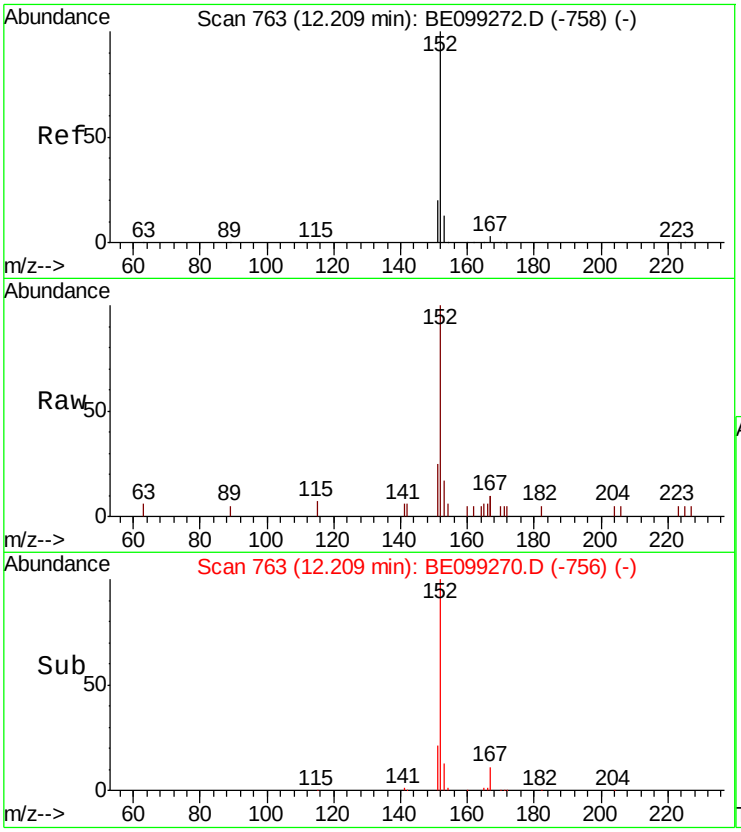


#10
Hexachlorobutadiene
Concen: 0.112 ng
RT: 10.94 min Scan# 675
Delta R.T. 0.00 min
Lab File: BE099270.D
Acq: 2 Apr 2019 12:00

Tgt Ion:225 Resp: 801

Ion	Ratio	Lower	Upper
225	100		
223	57.7	50.1	75.1
227	58.3	50.6	75.8



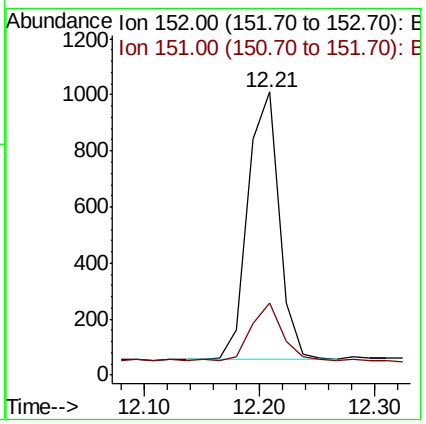


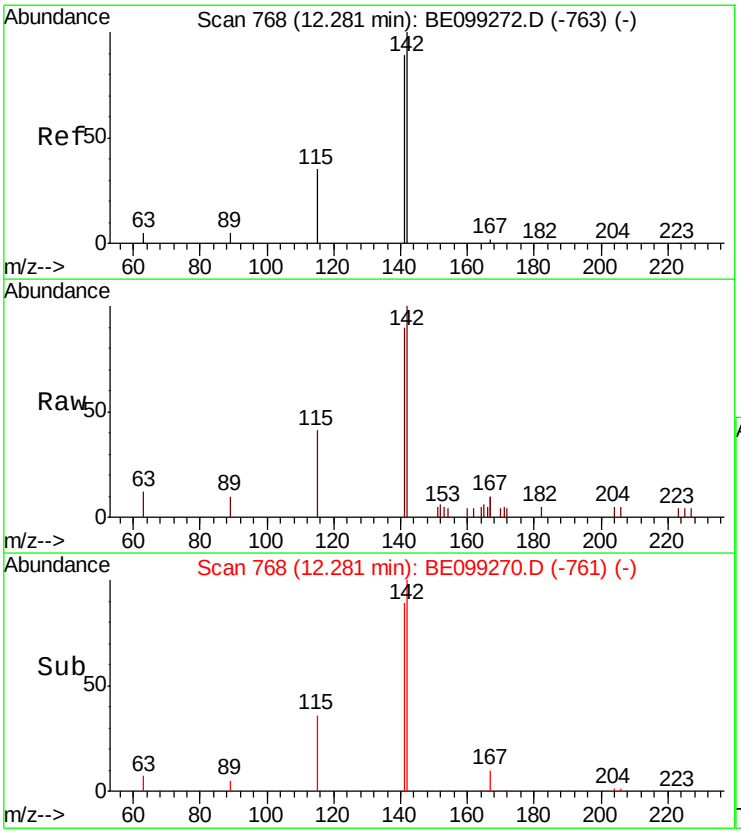
#11
2-Methylnaphthalene-d10
Concen: 0.082 ng
RT: 12.21 min Scan# 763
Delta R.T. -0.00 min
Lab File: BE099270.D
Acq: 2 Apr 2019 12:00

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:152 Resp: 1802

Ion	Ratio	Lower	Upper
152	100		
151	20.9	15.4	23.0

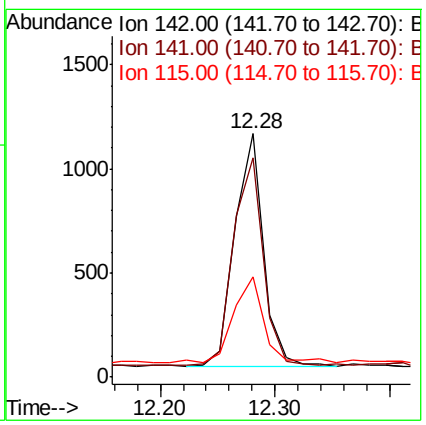


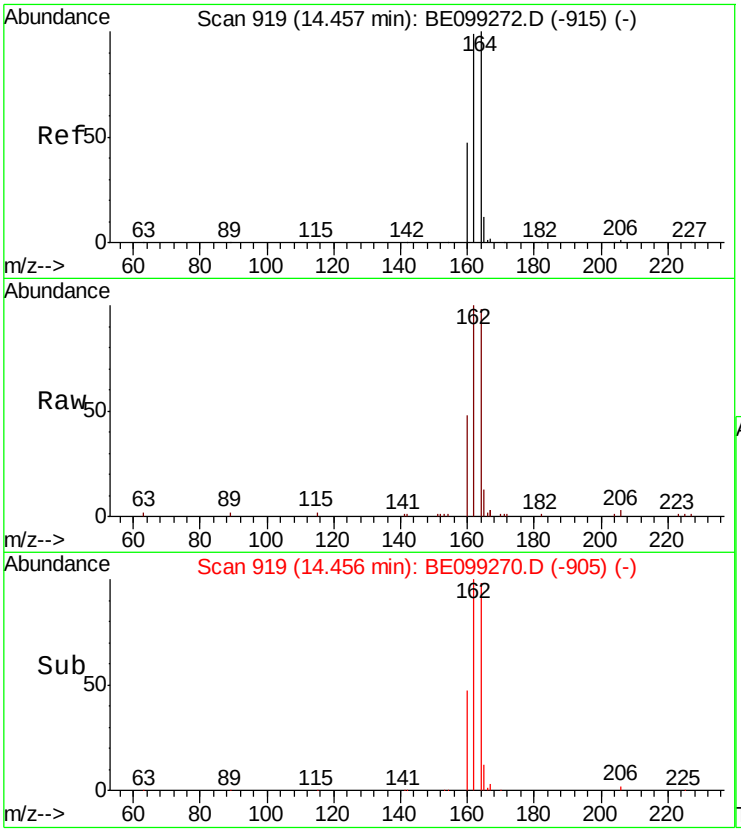


#12
2-Methylnaphthalene
Concen: 0.079 ng
RT: 12.28 min Scan# 768
Delta R.T. -0.00 min
Lab File: BE099270.D
Acq: 2 Apr 2019 12:00

Tgt Ion:142 Resp: 1914

Ion	Ratio	Lower	Upper
142	100		
141	90.3	71.1	106.7
115	41.0	29.0	43.6



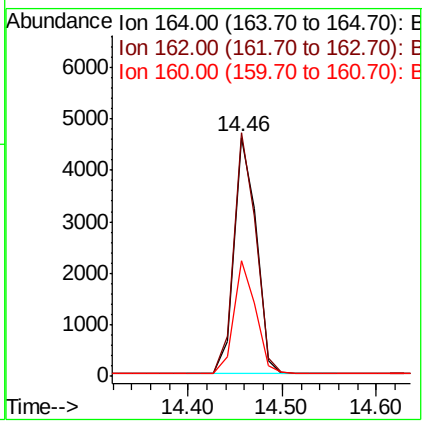


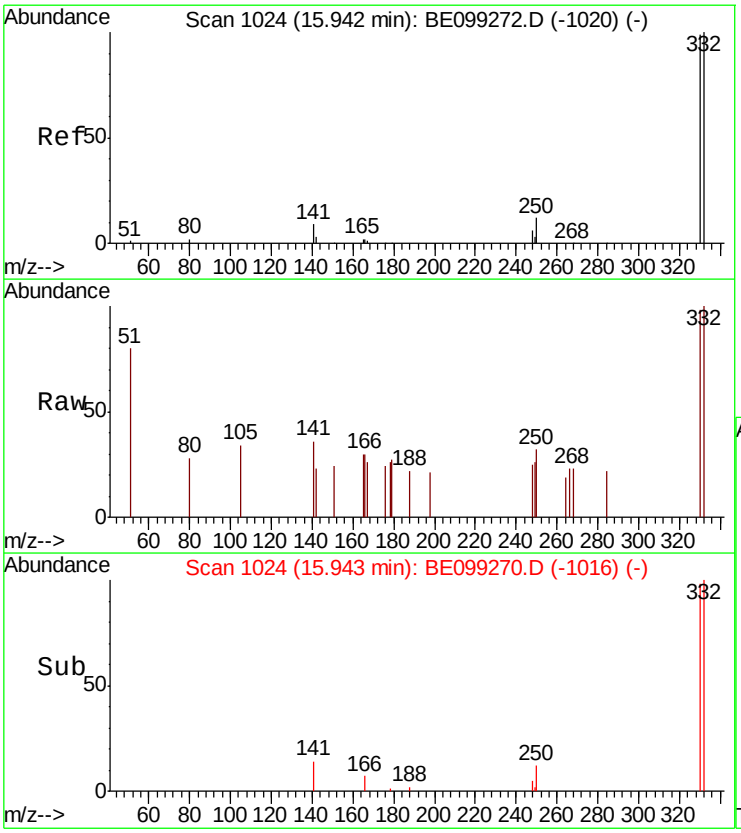
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.46 min Scan# 919
Delta R.T. -0.00 min
Lab File: BE099270.D
Acq: 2 Apr 2019 12:00

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:164 Resp: 7580

Ion	Ratio	Lower	Upper
164	100		
162	102.0	78.8	118.2
160	48.5	37.6	56.4

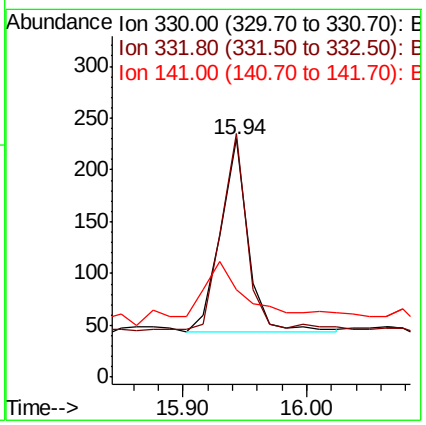


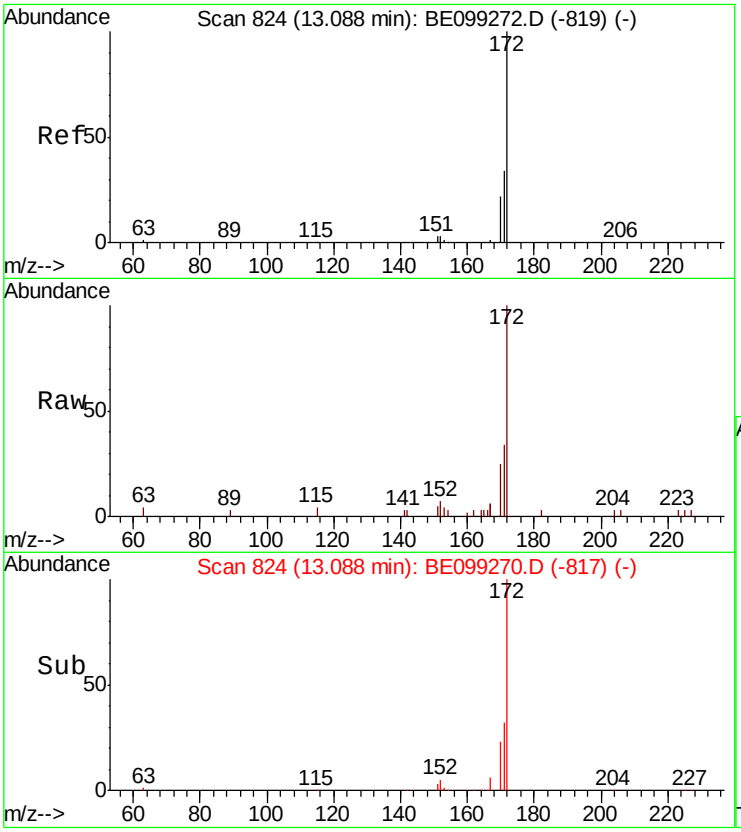


#14
2,4,6-Tribromophenol
Concen: 0.108 ng
RT: 15.94 min Scan# 1024
Delta R.T. 0.00 min
Lab File: BE099270.D
Acq: 2 Apr 2019 12:00

Tgt Ion:330 Resp: 290

Ion	Ratio	Lower	Upper
330	100		
332	94.1	82.6	123.8
141	62.8	27.6	41.4#



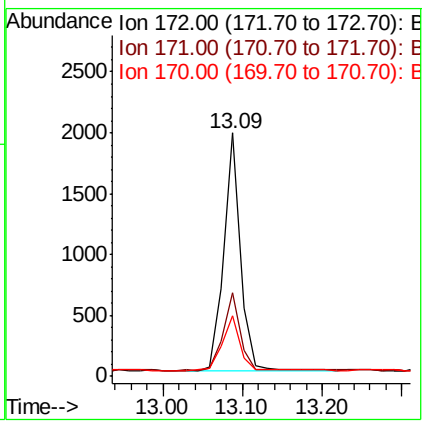


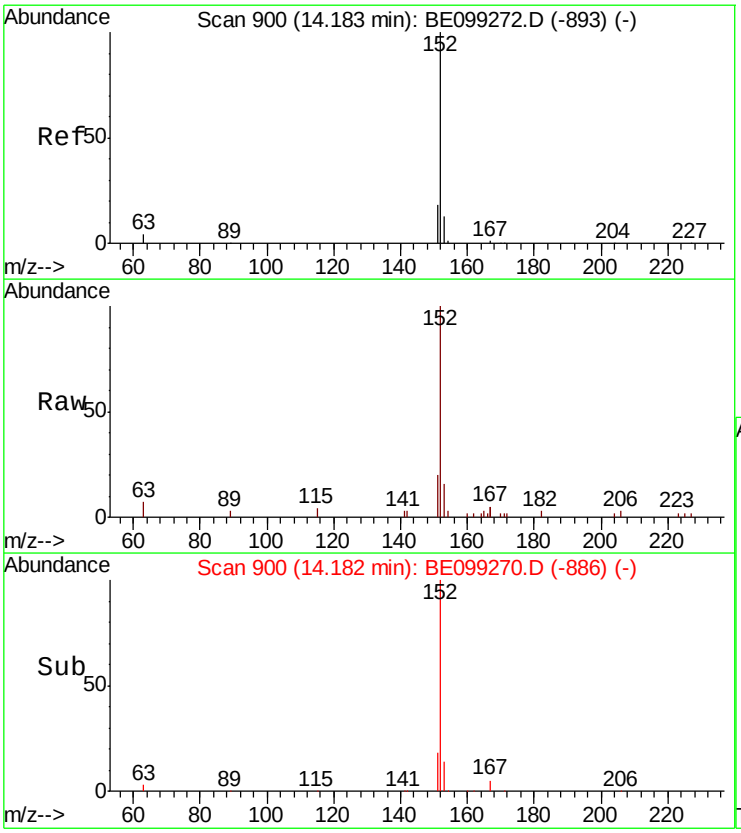
#15
2-Fluorobiphenyl
Concen: 0.091 ng
RT: 13.09 min Scan# 824
Delta R.T. -0.00 min
Lab File: BE099270.D
Acq: 2 Apr 2019 12:00

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:172 Resp: 2803

Ion	Ratio	Lower	Upper
172	100		
171	34.2	27.5	41.3
170	24.7	18.2	27.2

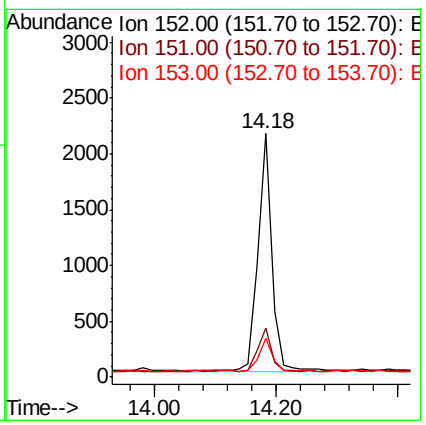


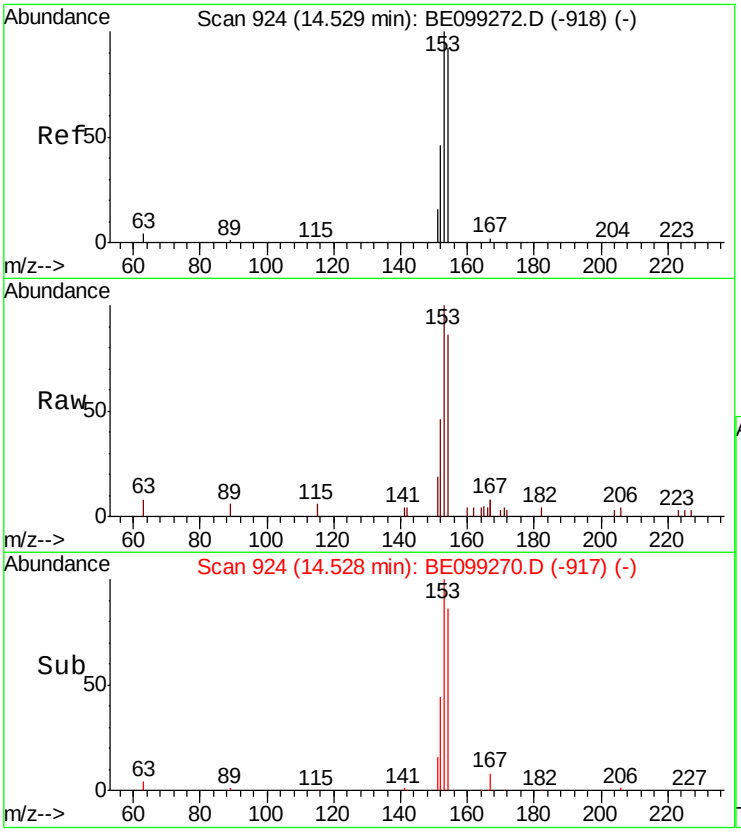


#16
Acenaphthylene
Concen: 0.086 ng
RT: 14.18 min Scan# 900
Delta R.T. -0.00 min
Lab File: BE099270.D
Acq: 2 Apr 2019 12:00

Tgt Ion:152 Resp: 3329

Ion	Ratio	Lower	Upper
152	100		
151	17.6	14.9	22.3
153	13.3	10.0	15.0



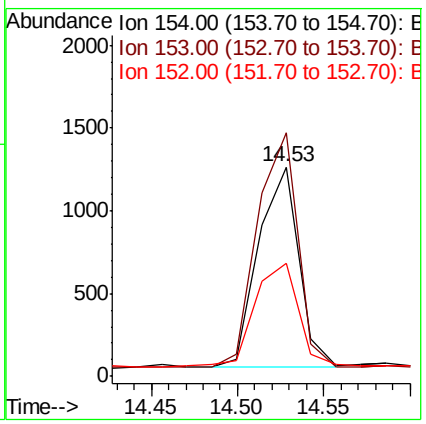


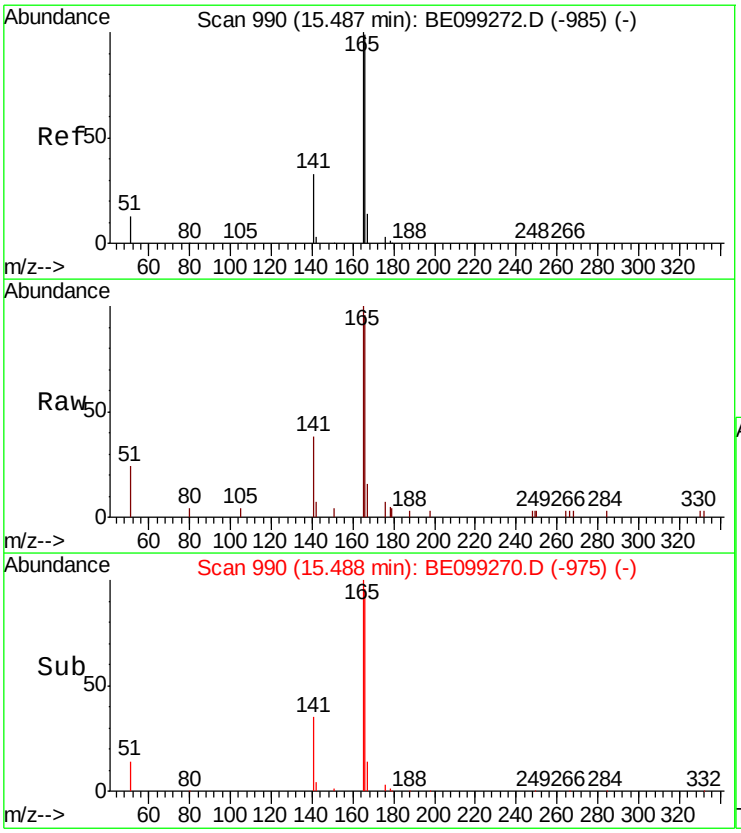
#17
Acenaphthene
Concen: 0.085 ng
RT: 14.53 min Scan# 924
Delta R.T. -0.00 min
Lab File: BE099270.D
Acq: 2 Apr 2019 12:00

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:154 Resp: 1962

Ion	Ratio	Lower	Upper
154	100		
153	117.7	92.8	139.2
152	58.0	44.3	66.5

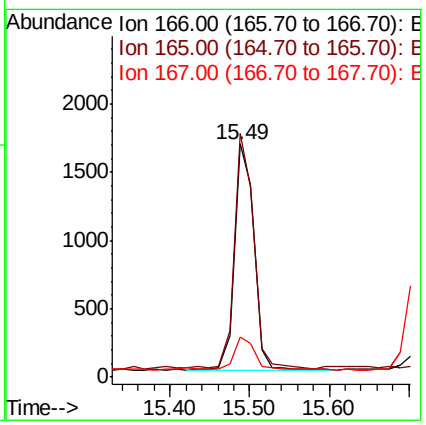


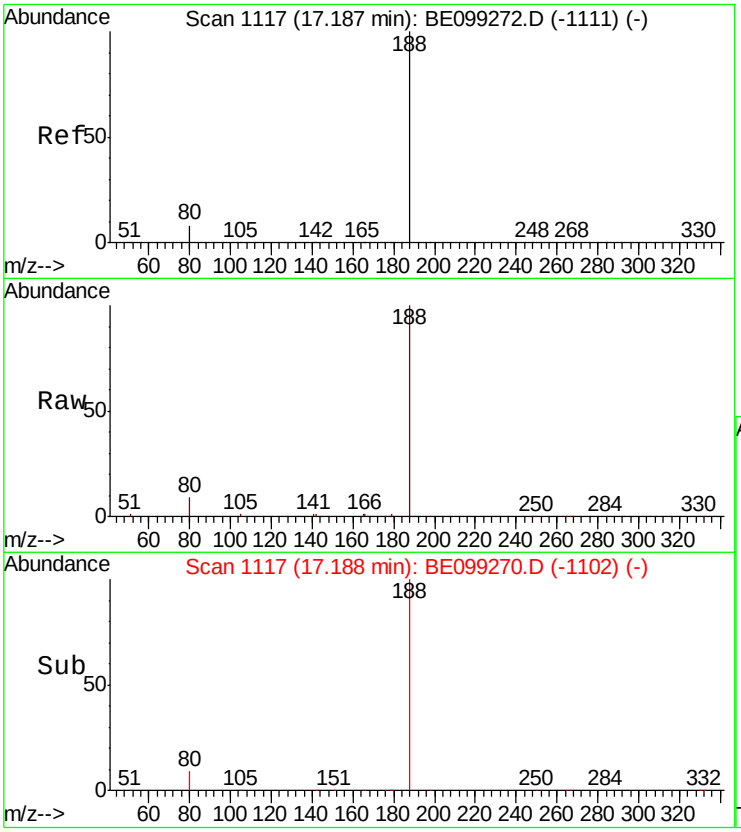


#18
Fluorene
Concen: 0.086 ng
RT: 15.49 min Scan# 990
Delta R.T. 0.00 min
Lab File: BE099270.D
Acq: 2 Apr 2019 12:00

Tgt Ion:166 Resp: 2810

Ion	Ratio	Lower	Upper
166	100		
165	103.0	77.9	116.9
167	14.8	10.9	16.3



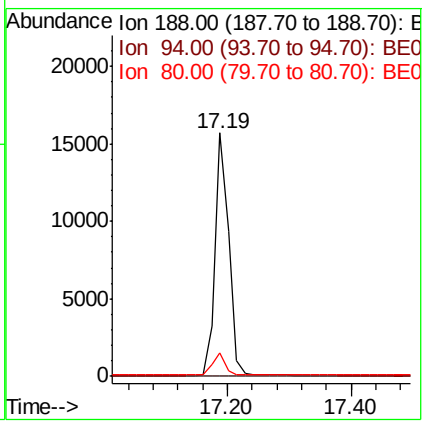


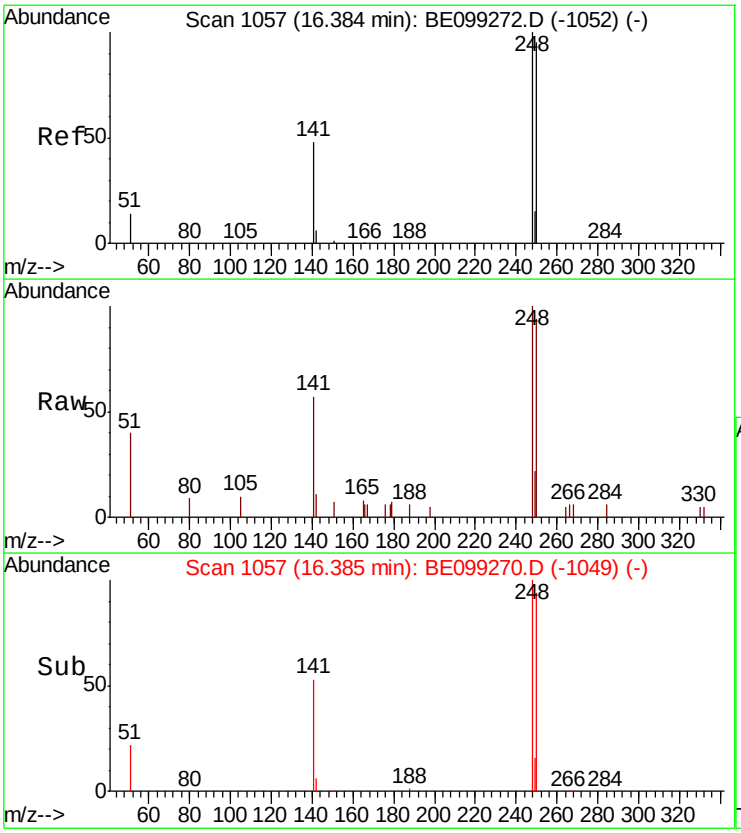
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.19 min Scan# 1117
Delta R.T. 0.00 min
Lab File: BE099270.D
Acq: 2 Apr 2019 12:00

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:188 Resp: 23819

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	9.5	6.6	10.0

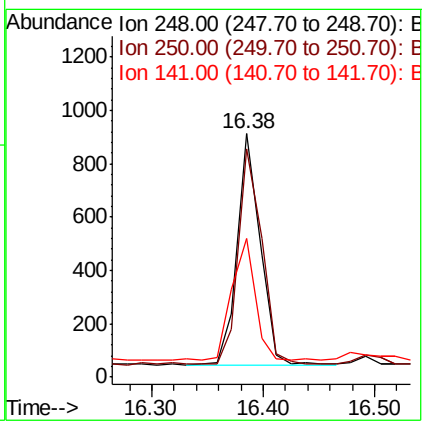


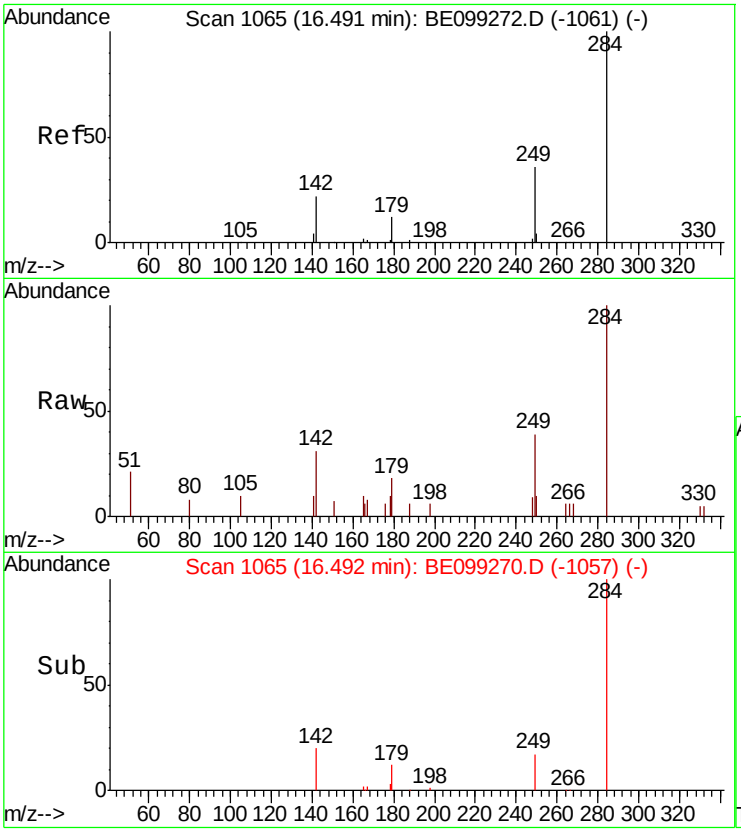


#20
4-Bromophenyl-phenylether
Concen: 0.082 ng
RT: 16.38 min Scan# 1057
Delta R.T. 0.00 min
Lab File: BE099270.D
Acq: 2 Apr 2019 12:00

Tgt Ion:248 Resp: 1254

Ion	Ratio	Lower	Upper
248	100		
250	94.0	75.9	113.9
141	57.0	39.0	58.6



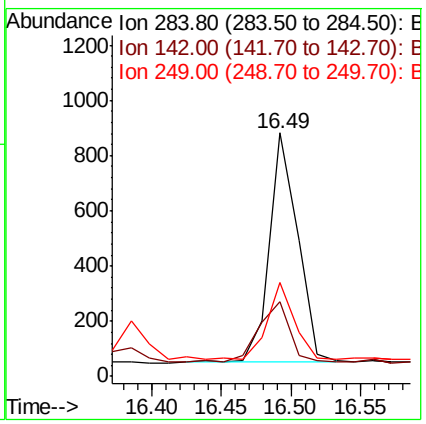


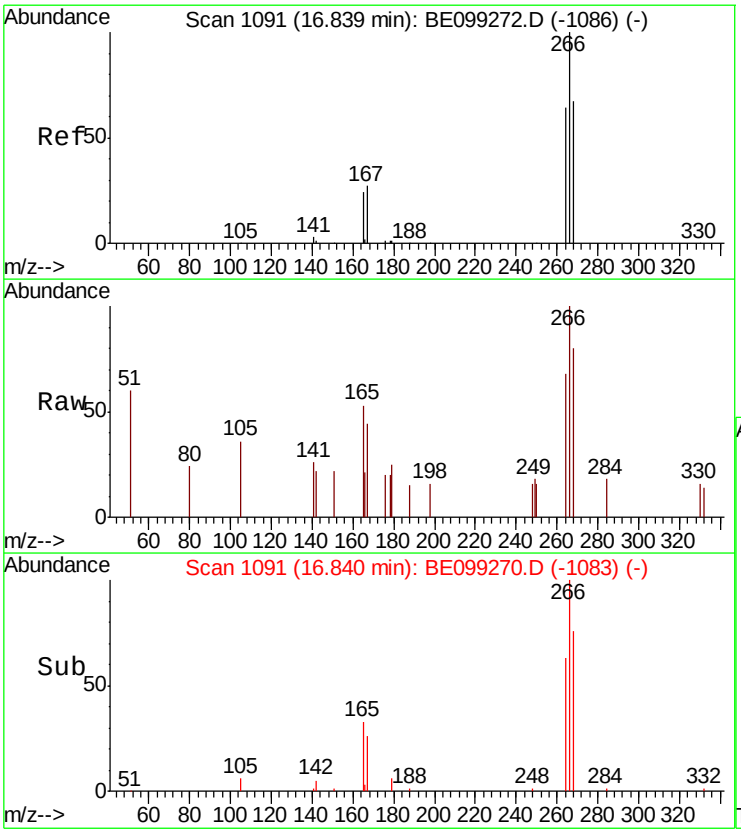
#21
Hexachlorobenzene
Concen: 0.079 ng
RT: 16.49 min Scan# 1065
Delta R.T. 0.00 min
Lab File: BE099270.D
Acq: 2 Apr 2019 12:00

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:284 Resp: 1168

Ion	Ratio	Lower	Upper
284	100		
142	28.4	21.0	31.6
249	32.4	27.0	40.6

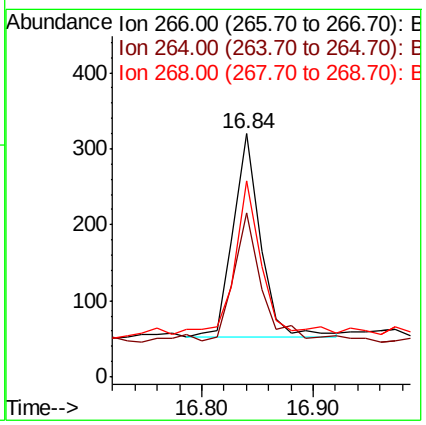


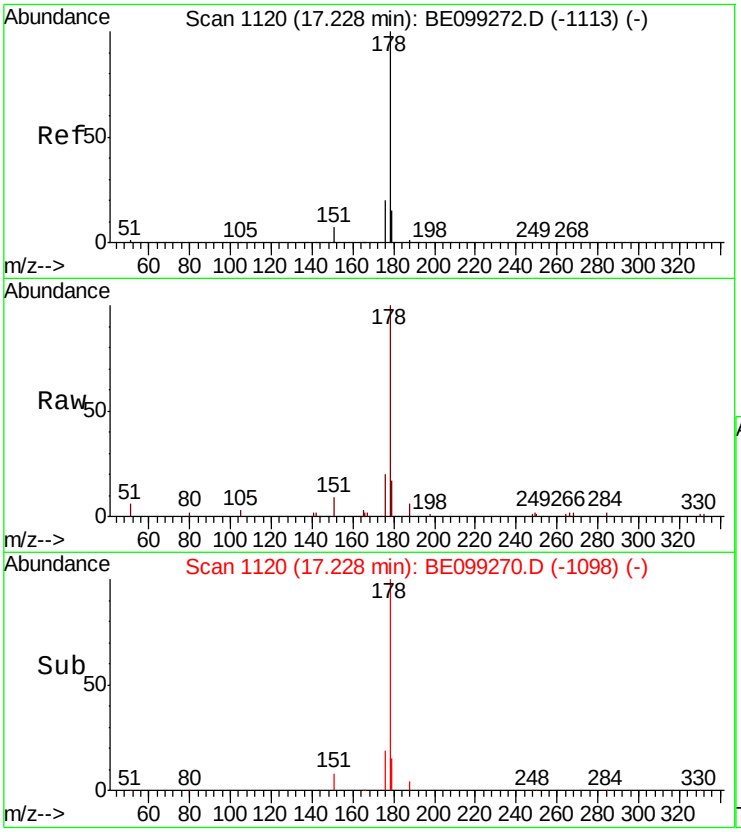


#22
Pentachlorophenol
Concen: 0.230 ng
RT: 16.84 min Scan# 1091
Delta R.T. 0.00 min
Lab File: BE099270.D
Acq: 2 Apr 2019 12:00

Tgt Ion:266 Resp: 451

Ion	Ratio	Lower	Upper
266	100		
264	67.5	51.8	77.8
268	80.3	54.7	82.1



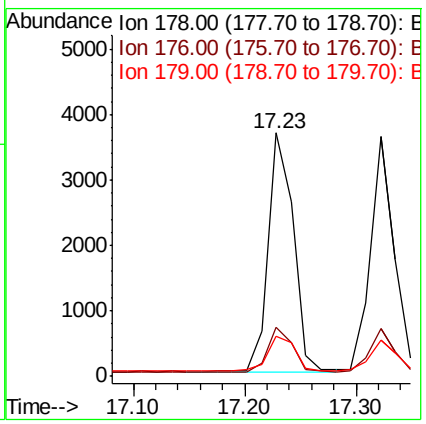


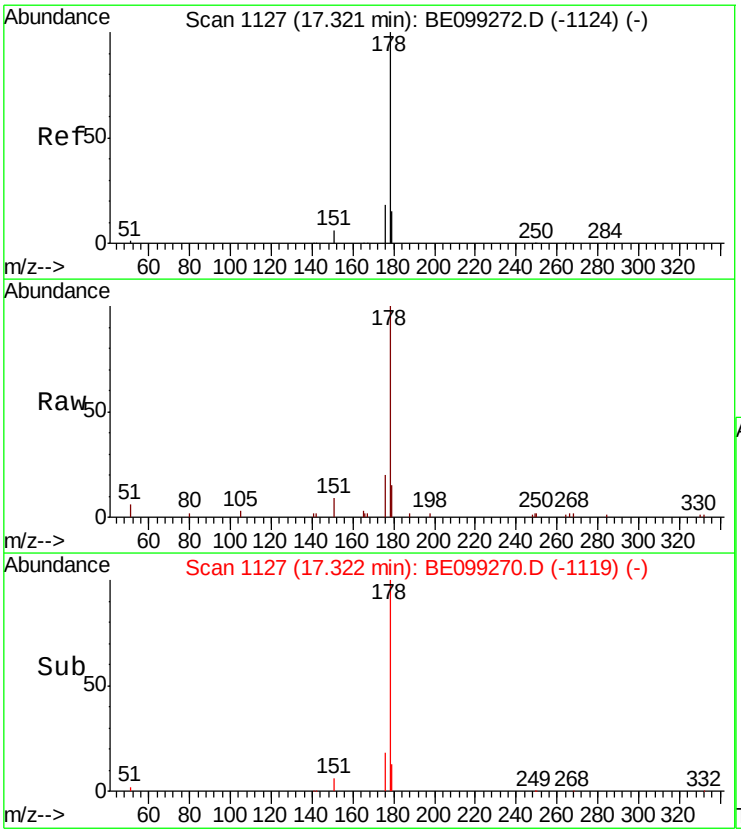
#23
Phenanthrene
Concen: 0.083 ng
RT: 17.23 min Scan# 1120
Delta R.T. 0.00 min
Lab File: BE099270.D
Acq: 2 Apr 2019 12:00

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:178 Resp: 5814

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.4	23.2
179	16.4	12.3	18.5

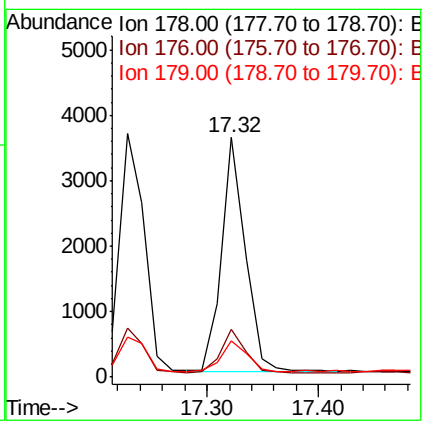


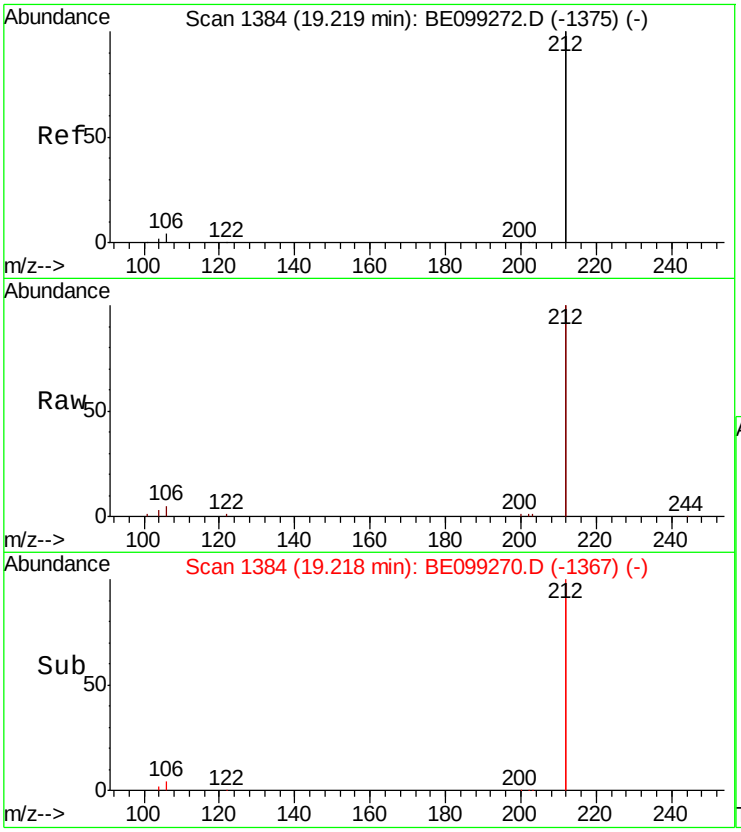


#24
Anthracene
Concen: 0.084 ng
RT: 17.32 min Scan# 1127
Delta R.T. 0.00 min
Lab File: BE099270.D
Acq: 2 Apr 2019 12:00

Tgt Ion:178 Resp: 5308

Ion	Ratio	Lower	Upper
178	100		
176	19.1	14.7	22.1
179	14.9	12.3	18.5



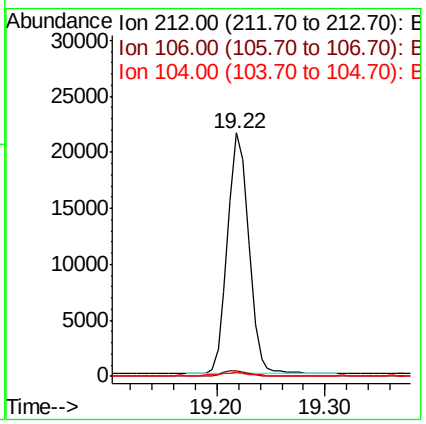


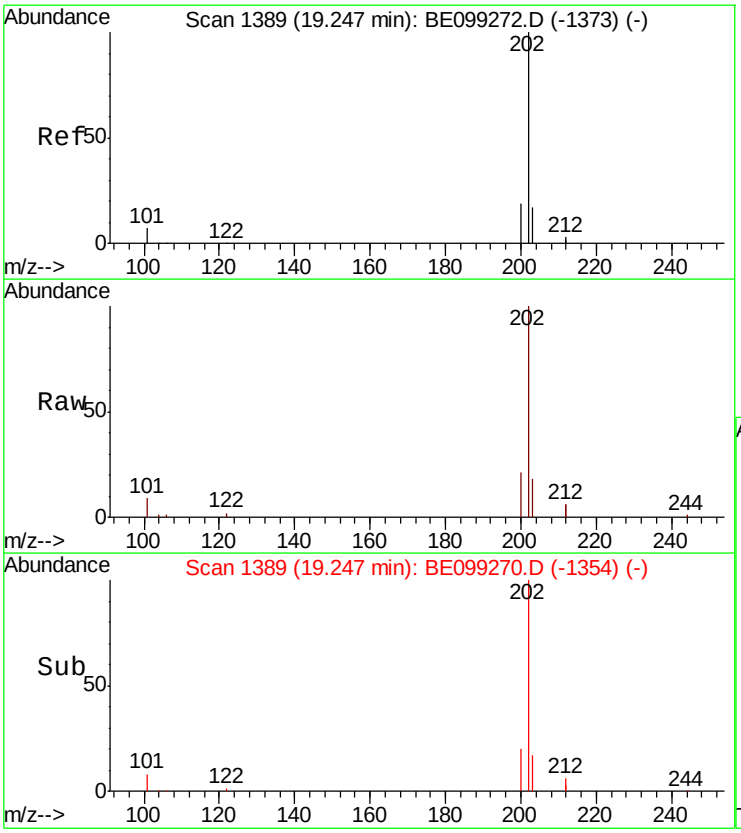
#25
Fluoranthene-d10
Concen: 0.102 ng
RT: 19.22 min Scan# 1384
Delta R.T. -0.00 min
Lab File: BE099270.D
Acq: 2 Apr 2019 12:00

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:212 Resp: 29364

Ion	Ratio	Lower	Upper
212	100		
106	2.1	1.7	2.5
104	1.3	1.0	1.4

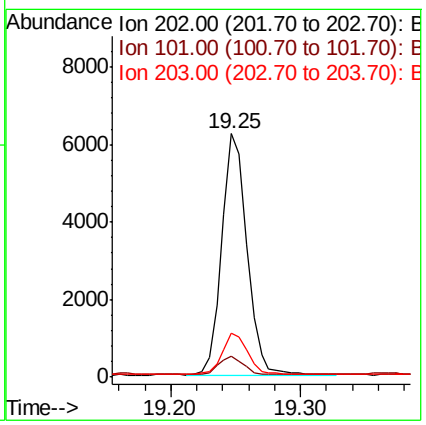


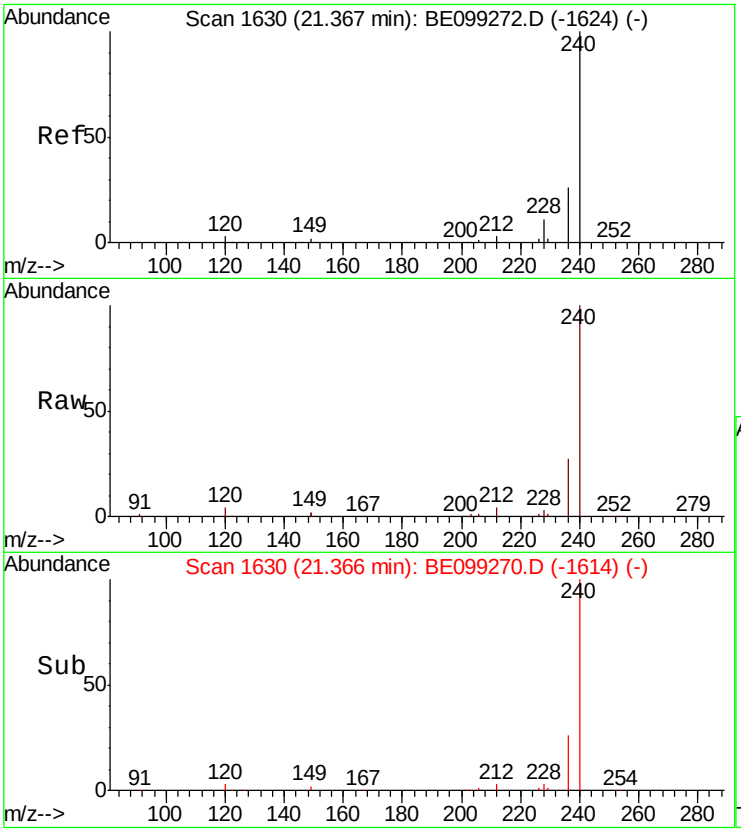


#26
Fluoranthene
Concen: 0.094 ng
RT: 19.25 min Scan# 1389
Delta R.T. -0.00 min
Lab File: BE099270.D
Acq: 2 Apr 2019 12:00

Tgt Ion:202 Resp: 8392

Ion	Ratio	Lower	Upper
202	100		
101	7.8	6.2	9.4
203	16.7	13.9	20.9



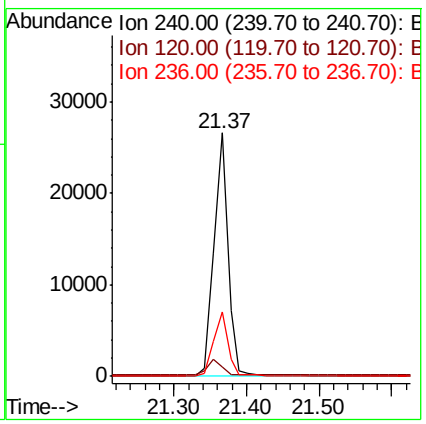


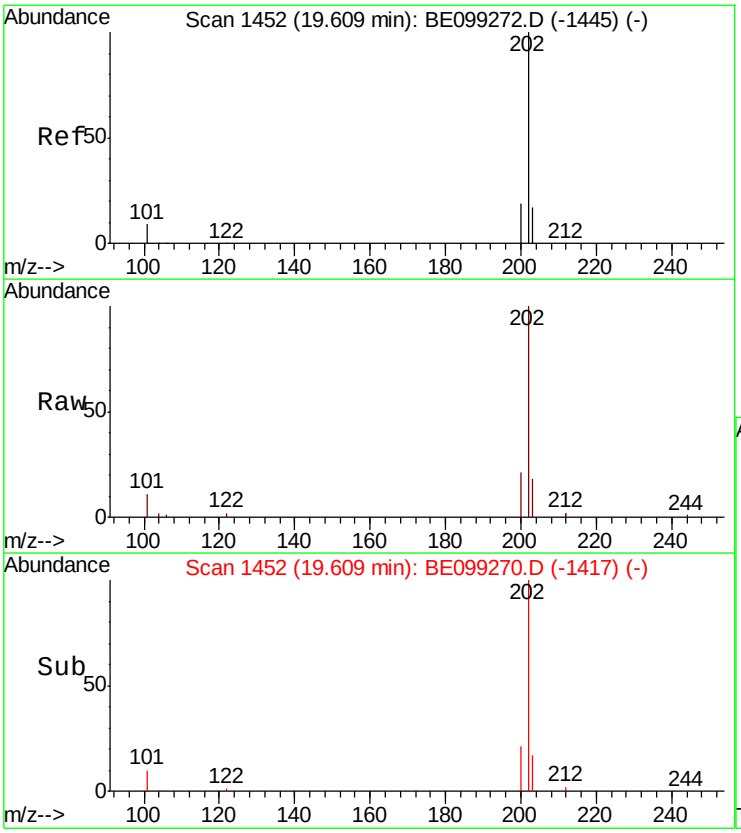
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.37 min Scan# 1630
Delta R.T. -0.00 min
Lab File: BE099270.D
Acq: 2 Apr 2019 12:00

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:240 Resp: 35951

Ion	Ratio	Lower	Upper
240	100		
120	3.8	2.7	4.1
236	26.7	20.7	31.1

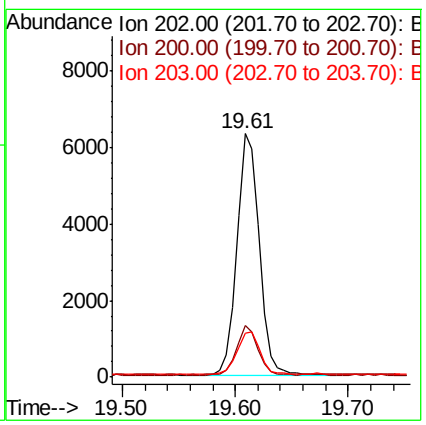


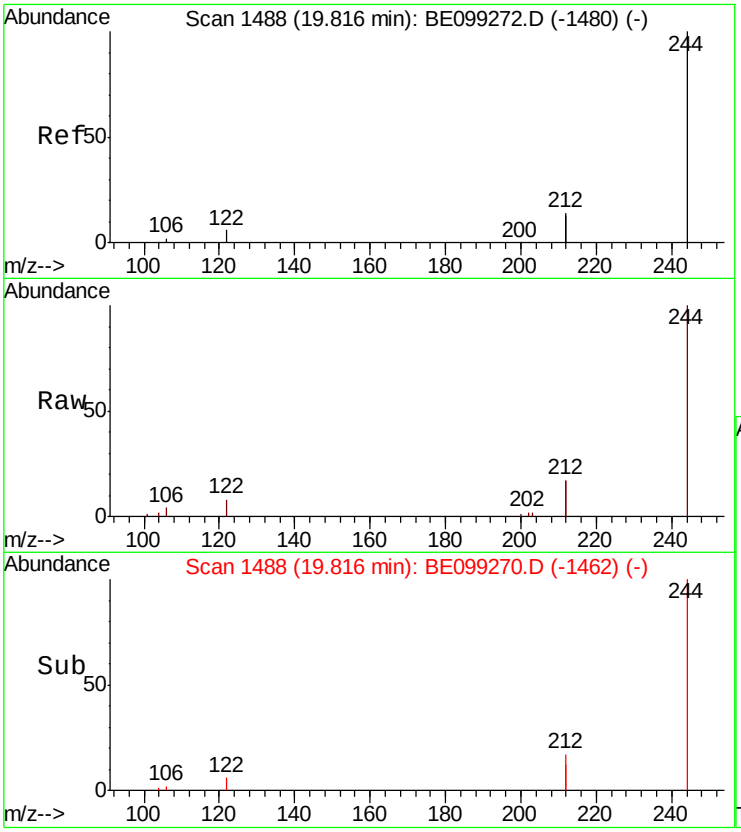


#28
Pyrene
Concen: 0.073 ng
RT: 19.61 min Scan# 1452
Delta R.T. -0.00 min
Lab File: BE099270.D
Acq: 2 Apr 2019 12:00

Tgt Ion:202 Resp: 8729

Ion	Ratio	Lower	Upper
202	100		
200	19.5	15.7	23.5
203	17.7	13.9	20.9



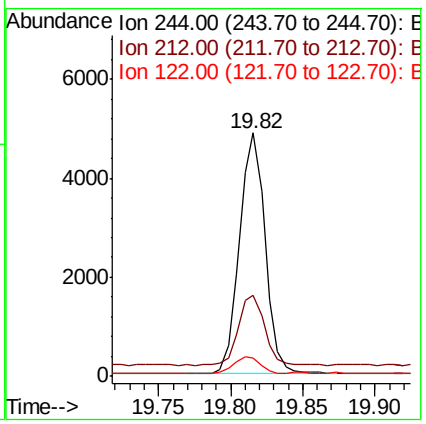


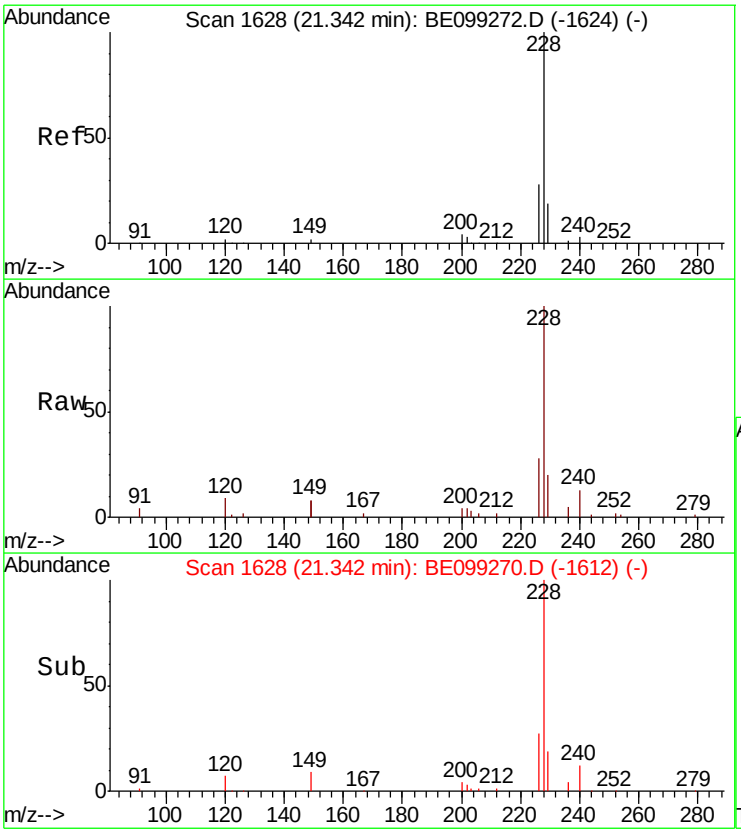
#29
Terphenyl-d14
Concen: 0.078 ng
RT: 19.82 min Scan# 1488
Delta R.T. -0.00 min
Lab File: BE099270.D
Acq: 2 Apr 2019 12:00

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:244 Resp: 6075

Ion	Ratio	Lower	Upper
244	100		
212	33.5	22.6	33.8
122	7.5	4.6	7.0#

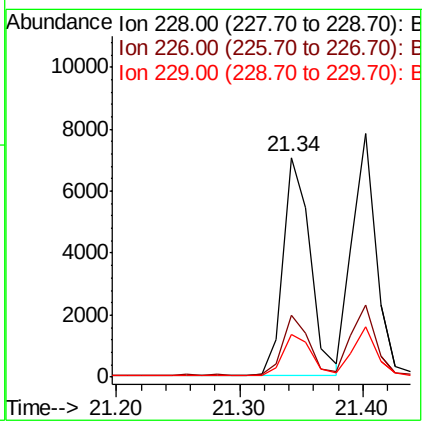


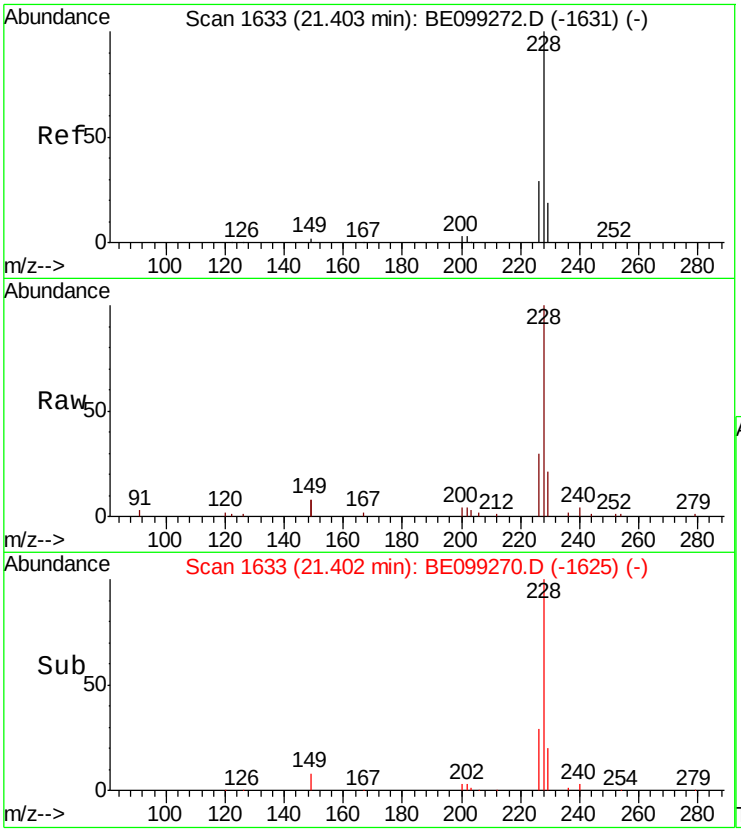


#30
Benzo(a)anthracene
Concen: 0.091 ng
RT: 21.34 min Scan# 1628
Delta R.T. -0.00 min
Lab File: BE099270.D
Acq: 2 Apr 2019 12:00

Tgt Ion:228 Resp: 10775

Ion	Ratio	Lower	Upper
228	100		
226	28.0	22.3	33.5
229	19.6	15.4	23.0



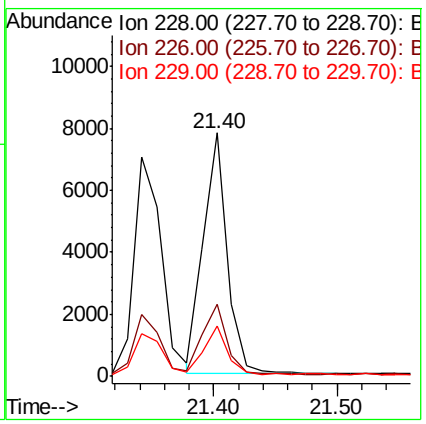


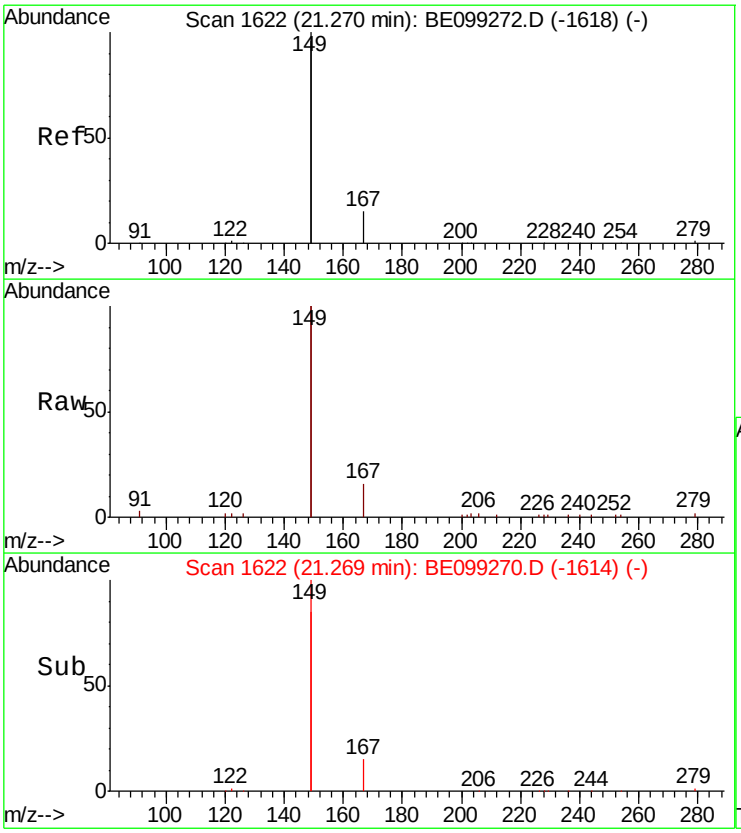
#31
Chrysene
Concen: 0.082 ng
RT: 21.40 min Scan# 1633
Delta R.T. -0.00 min
Lab File: BE099270.D
Acq: 2 Apr 2019 12:00

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:228 Resp: 10438

Ion	Ratio	Lower	Upper
228	100		
226	29.7	23.7	35.5
229	20.8	15.6	23.4

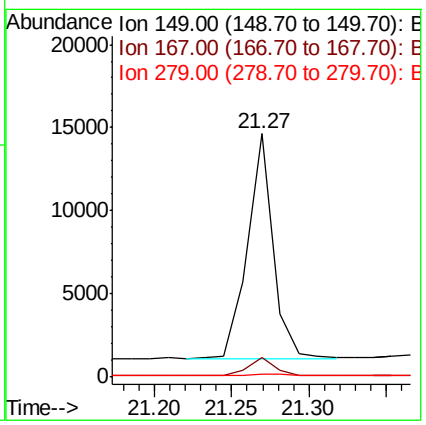


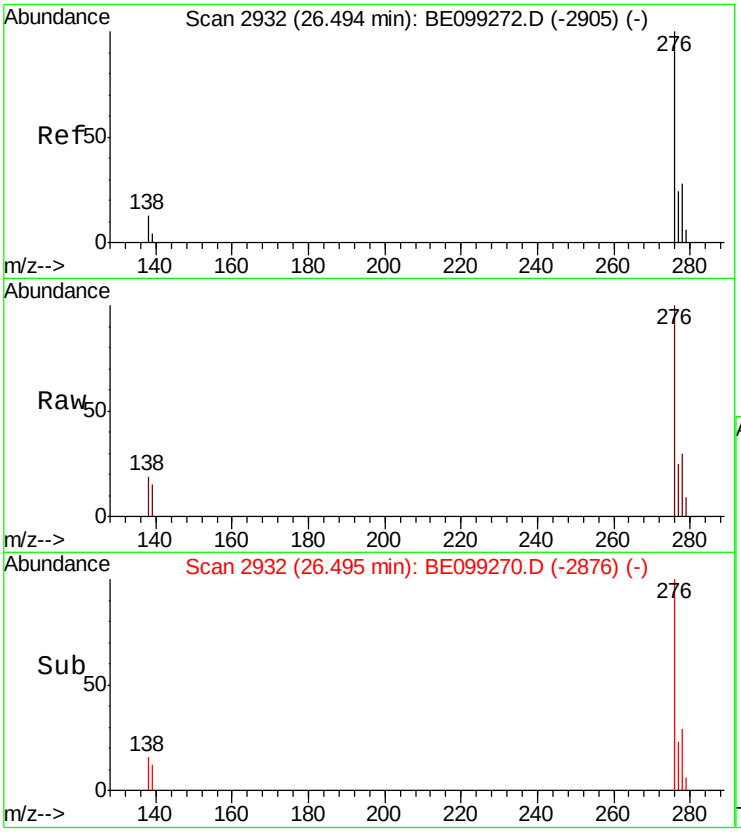


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.112 ng
RT: 21.27 min Scan# 1622
Delta R.T. -0.00 min
Lab File: BE099270.D
Acq: 2 Apr 2019 12:00

Tgt Ion:149 Resp: 15829

Ion	Ratio	Lower	Upper
149	100		
167	7.7	6.1	9.1
279	1.4	1.0	1.4



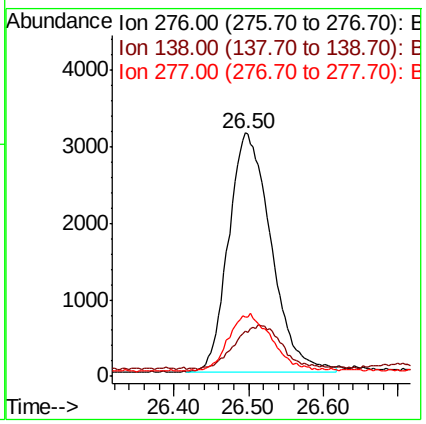


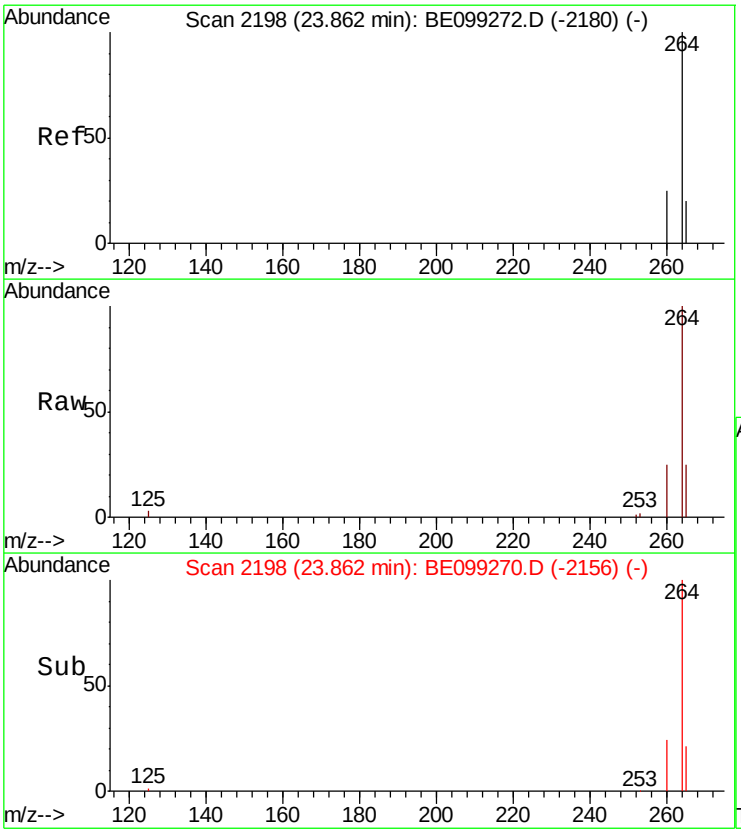
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.103 ng
RT: 26.50 min Scan# 2932
Delta R.T. 0.00 min
Lab File: BE099270.D
Acq: 2 Apr 2019 12:00

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:276 Resp: 12317

Ion	Ratio	Lower	Upper
276	100		
138	20.3	12.6	18.8#
277	24.5	19.4	29.2

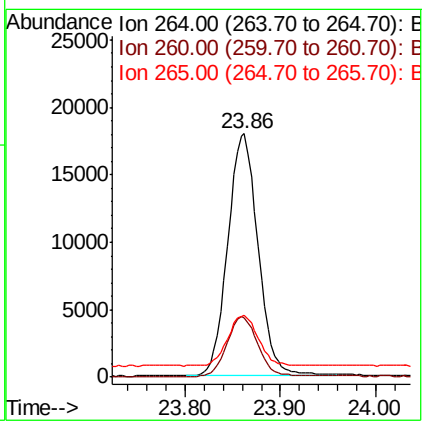


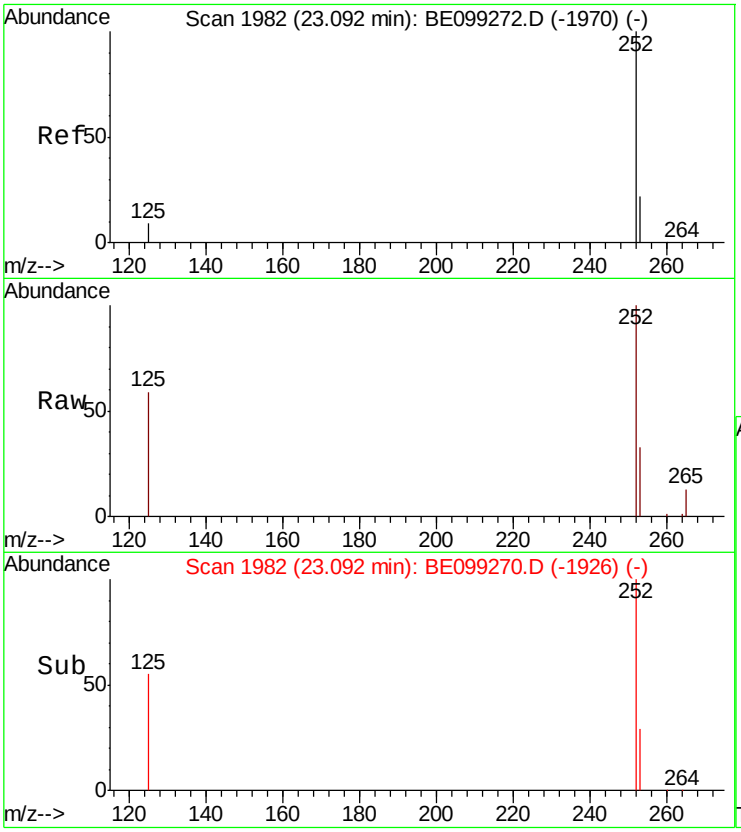


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.86 min Scan# 2198
Delta R.T. 0.00 min
Lab File: BE099270.D
Acq: 2 Apr 2019 12:00

Tgt Ion:264 Resp: 39822

Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.8	29.8
265	25.4	19.3	28.9



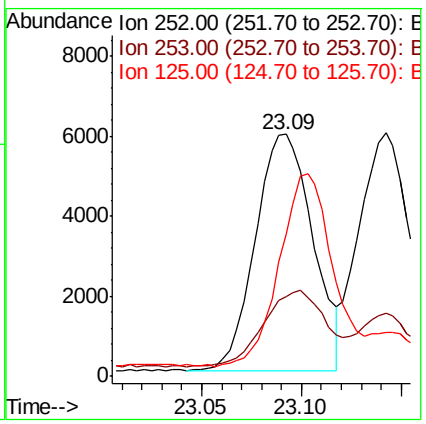


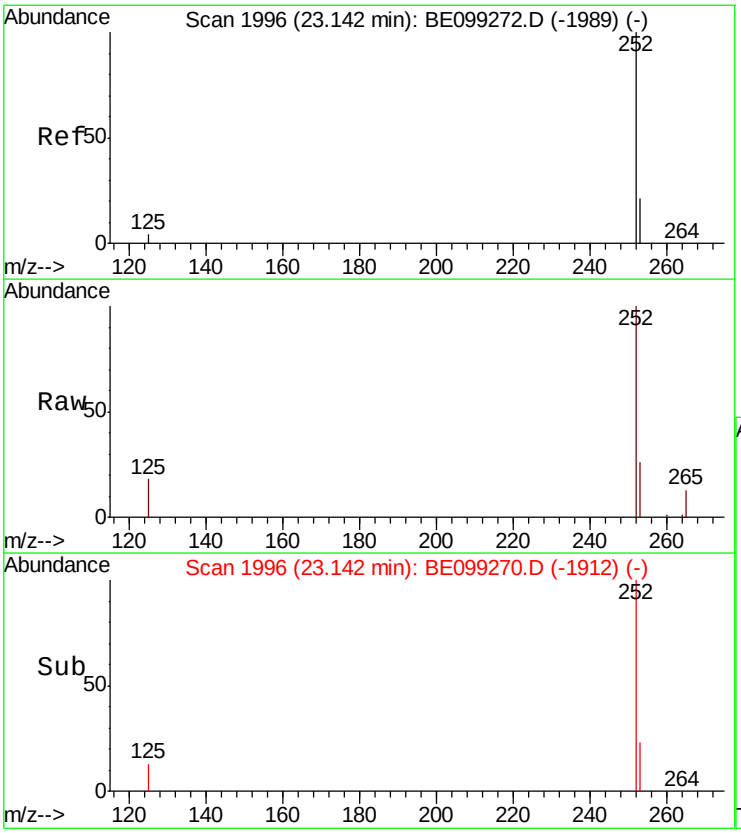
#35
Benzo(b)fluoranthene
Concen: 0.090 ng
RT: 23.09 min Scan# 1982
Delta R.T. 0.00 min
Lab File: BE099270.D
Acq: 2 Apr 2019 12:00

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:252 Resp: 11813

Ion	Ratio	Lower	Upper
252	100		
253	33.1	18.6	27.8#
125	59.0	7.4	11.2#

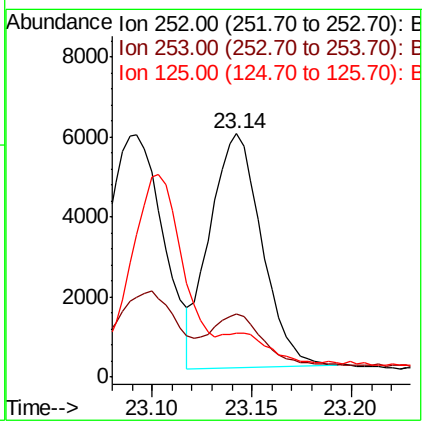


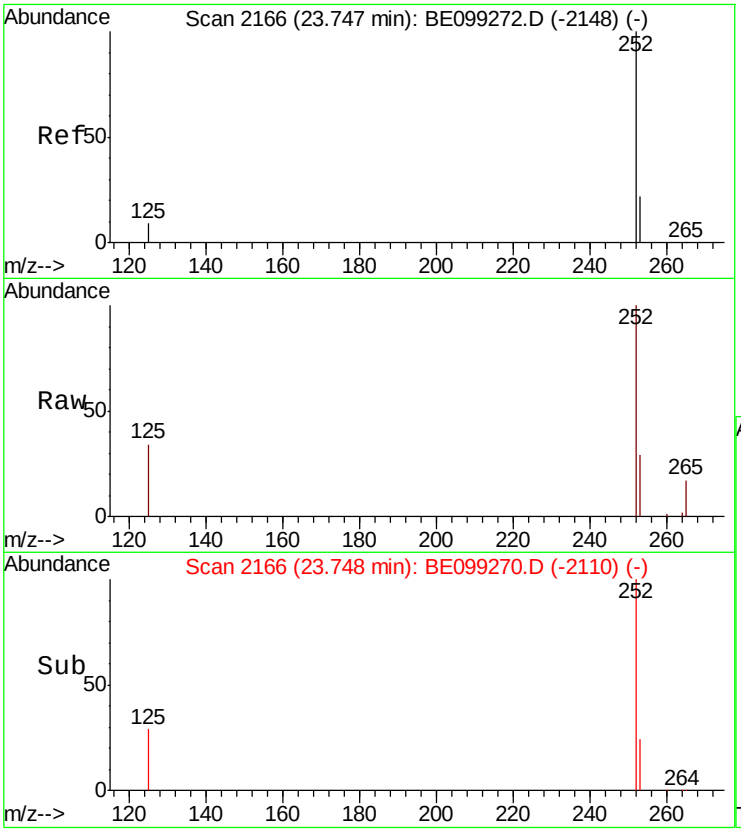


#36
Benzo(k)fluoranthene
Concen: 0.076 ng
RT: 23.14 min Scan# 1996
Delta R.T. 0.00 min
Lab File: BE099270.D
Acq: 2 Apr 2019 12:00

Tgt Ion:252 Resp: 10574

Ion	Ratio	Lower	Upper
252	100		
253	26.1	17.9	26.9
125	18.0	5.8	8.6#



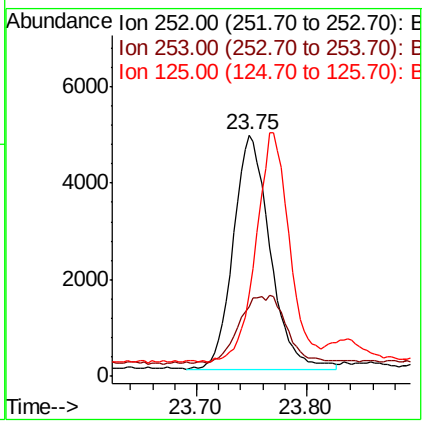


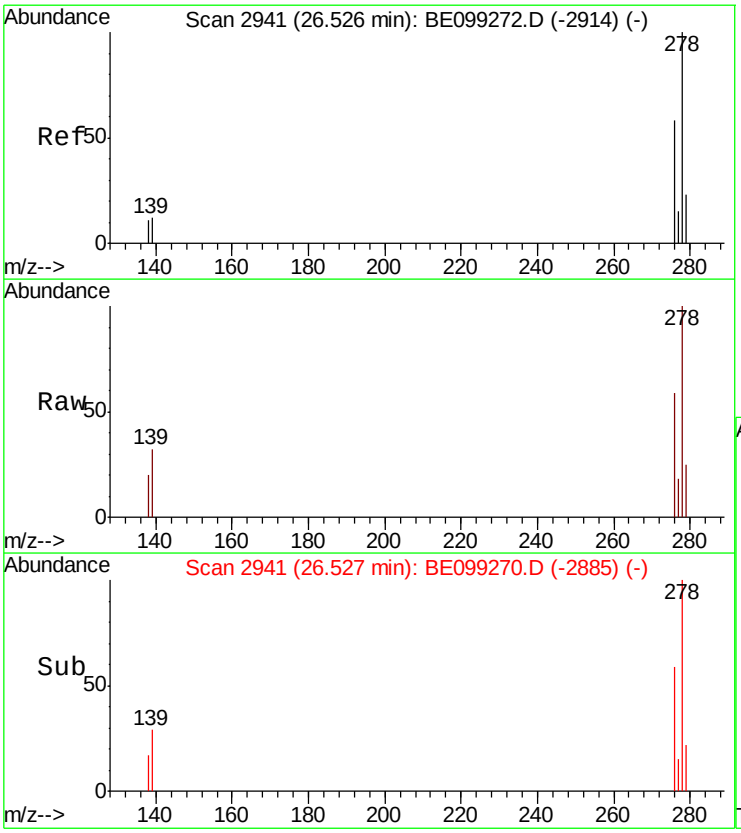
#37
Benzo(a)pyrene
Concen: 0.092 ng
RT: 23.75 min Scan# 2166
Delta R.T. 0.00 min
Lab File: BE099270.D
Acq: 2 Apr 2019 12:00

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:252 Resp: 11203

Ion	Ratio	Lower	Upper
252	100		
253	28.7	18.4	27.6#
125	34.3	7.8	11.8#

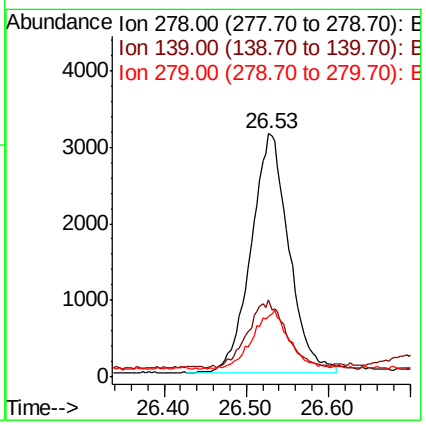


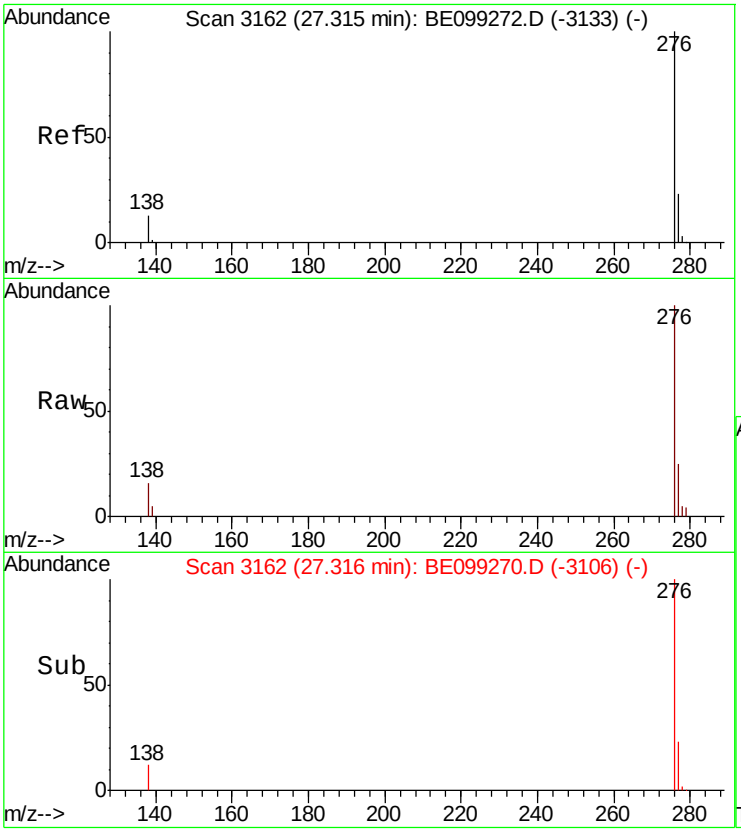


#38
Dibenzo(a,h)anthracene
Concen: 0.092 ng
RT: 26.53 min Scan# 2941
Delta R.T. 0.00 min
Lab File: BE099270.D
Acq: 2 Apr 2019 12:00

Tgt Ion:278 Resp: 9985

Ion	Ratio	Lower	Upper
278	100		
139	31.8	10.2	15.2#
279	24.9	19.0	28.4





#39
Benzo(g,h,i)perylene
Concen: 0.094 ng
RT: 27.32 min Scan# 3162
Delta R.T. 0.00 min
Lab File: BE099270.D
Acq: 2 Apr 2019 12:00

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:276 Resp: 10258

Ion	Ratio	Lower	Upper
276	100		
277	25.0	18.9	28.3
138	16.0	11.2	16.8