Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE051019\
Data File : BE099597.D
Acq On : 10 May 2019 11:01
Operator : JU/SJ
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDCCC0.4

Quant Time: May 11 01:00:41 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE050919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 09 13:32:58 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	1769	0.40	ng		0.00
7) Naphthalene-d8	10.63	136	6507	0.40	ng		0.00
13) Acenaphthene-d10	14.50	164	4586	0.40	ng		0.00
19) Phenanthrene-d10	17.24	188	12883	0.40	ng		0.00
27) Chrysene-d12	21.43	240	17533	0.40	ng		0.00
34) Perylene-d12	23.97	264	20673	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.39	112	2000	0.41	ng		0.00
5) Phenol-d6	6.99	99	2685	0.42	ng		0.01
8) Nitrobenzene-d5	8.99	82	2514	0.41	ng		0.01
11) 2-Methylnaphthalene-d10	12.22	152	4492	0.41	ng		0.00
14) 2,4,6-Tribromophenol	15.98	330	1111	0.41	ng		0.00
15) 2-Fluorobiphenyl	13.12	172	7036	0.40	ng		0.00
25) Fluoranthene-d10	19.28	212	71243	0.42	ng		0.00
29) Terphenyl-d14	19.87	244	14885	0.48	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.31	88	1028	0.412	ng		96
3) n-Nitrosodimethylamine	3.64	42	563	0.365	ng	#	1
6) bis(2-Chloroethyl)ether	7.24	93	2161	0.409	ng		97
9) Naphthalene	10.68	128	28835	0.416	ng		100
10) Hexachlorobutadiene	10.95	225	2104	0.420	ng		99
12) 2-Methylnaphthalene	12.31	142	4822	0.426	ng		95
16) Acenaphthylene	14.21	152	8745	0.394	ng		100
17) Acenaphthene	14.56	154	4958	0.400	ng		99
18) Fluorene	15.54	166	7275	0.411	ng		98
20) 4-Bromophenyl-phenylether	16.44	248	2987	0.406	ng	#	80
21) Hexachlorobenzene	16.54	284	3038	0.412	ng		99
22) Pentachlorophenol	16.91	266	985	0.488	ng		94
23) Phenanthrene	17.28	178	13669	0.427	ng		99
24) Anthracene	17.37	178	12200	0.406	ng		99
26) Fluoranthene	19.30	202	21048	0.437	ng		100
28) Pyrene	19.67	202	22093	0.478	ng		99
30) Benzo(a)anthracene	21.40	228	24696	0.461	ng		98
31) Chrysene	21.46	228	24747	0.462	ng		99
32) Bis(2-ethylhexyl)phthalate	21.32	149	36170	0.470	ng		100
33) Indeno(1,2,3-cd)pyrene	26.67	276	29229	0.438	ng		98
35) Benzo(b)fluoranthene	23.19	252	24405	0.427	ng	#	96
36) Benzo(k)fluoranthene	23.24	252	24457	0.431	ng		99
37) Benzo(a)pyrene	23.86	252	23605	0.427	ng	#	96
38) Dibenzo(a,h)anthracene	26.70	278	24020	0.415	ng	#	96
39) Benzo(g,h,i)perylene	27.51	276	24114	0.412	ng		100

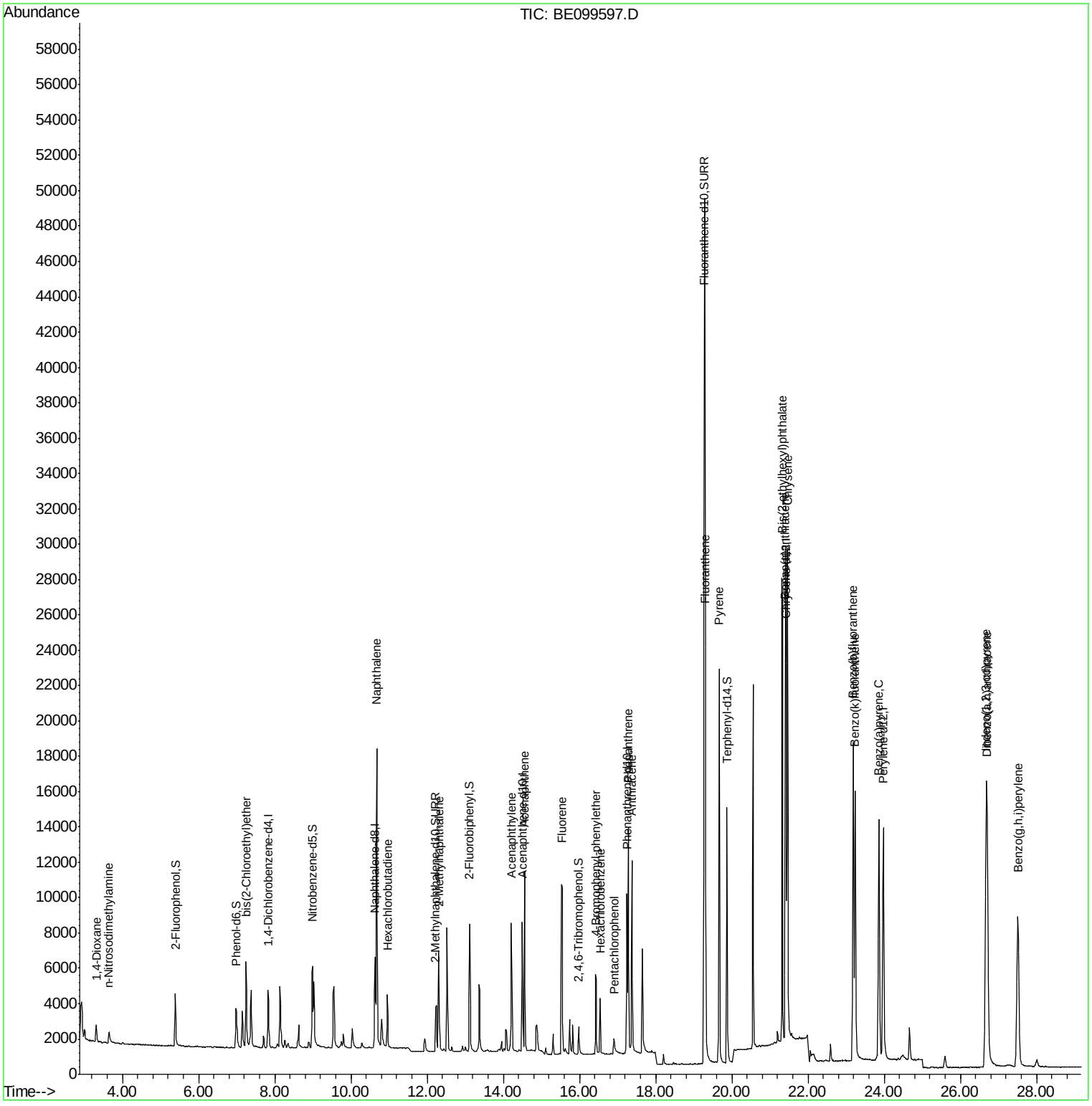
(#) = qualifier out of range (m) = manual integration (+) = signals summed

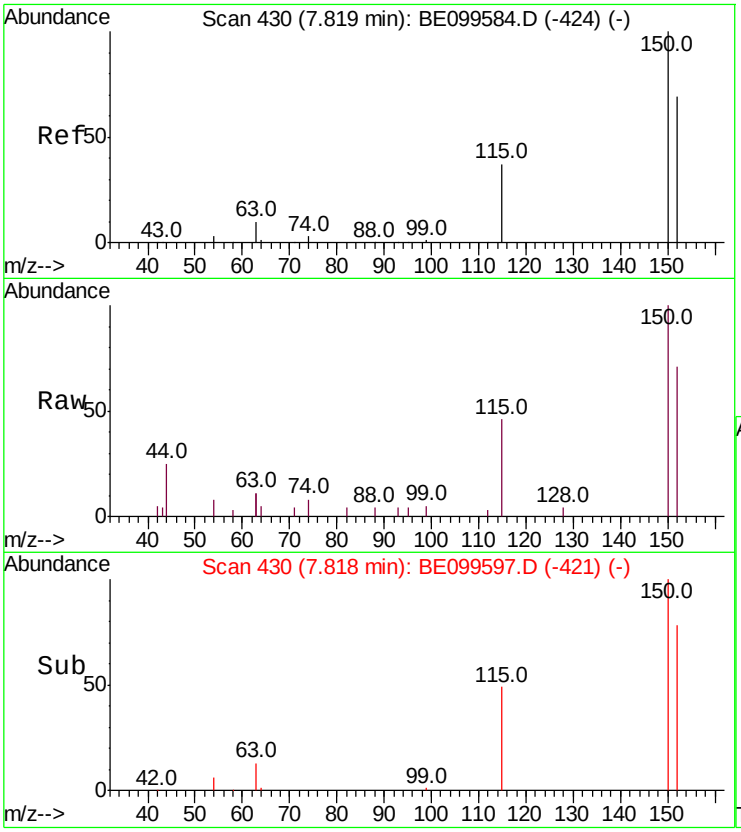
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE051019\
Data File : BE099597.D
Acq On : 10 May 2019 11:01
Operator : JU/SJ
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Quant Time: May 11 01:00:41 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE050919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 09 13:32:58 2019
Response via : Initial Calibration



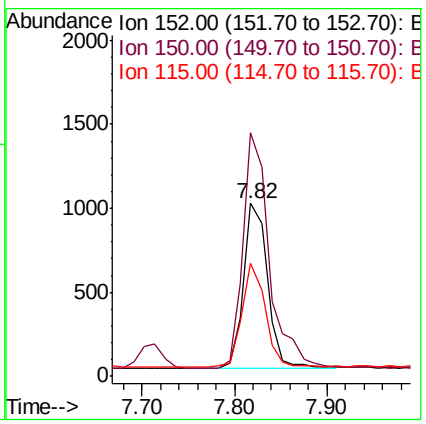


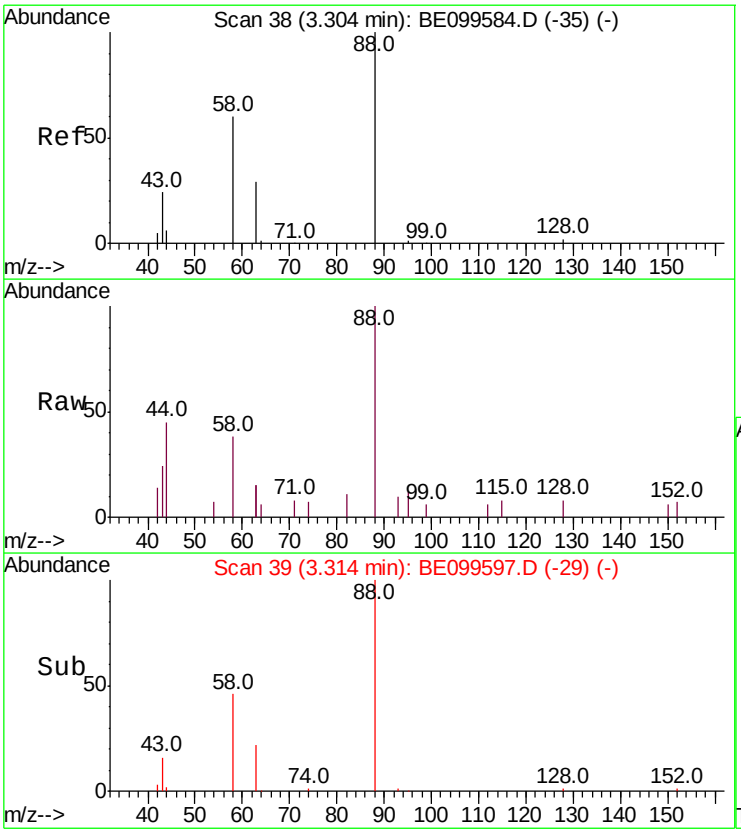
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.82 min Scan# 430
Delta R.T. -0.00 min
Lab File: BE099597.D
Acq: 10 May 2019 11:01

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:152 Resp: 1769

Ion	Ratio	Lower	Upper
152	100		
150	140.8	114.2	171.4
115	65.1	45.4	68.0

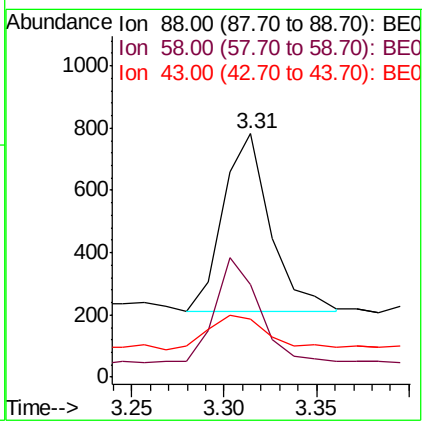


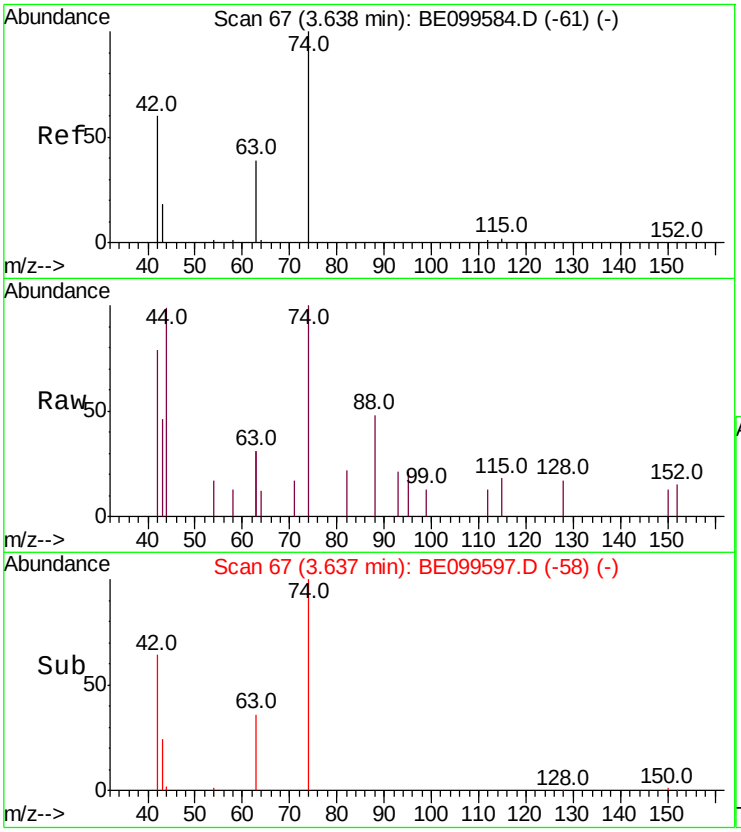


#2
1,4-Dioxane
Concen: 0.412 ng
RT: 3.31 min Scan# 39
Delta R.T. 0.01 min
Lab File: BE099597.D
Acq: 10 May 2019 11:01

Tgt Ion: 88 Resp: 1028

Ion	Ratio	Lower	Upper
88	100		
58	54.3	41.3	61.9
43	24.5	21.0	31.6



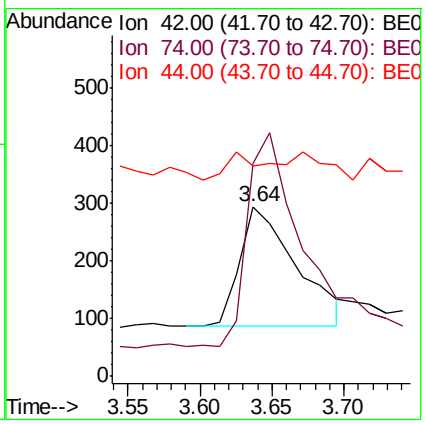


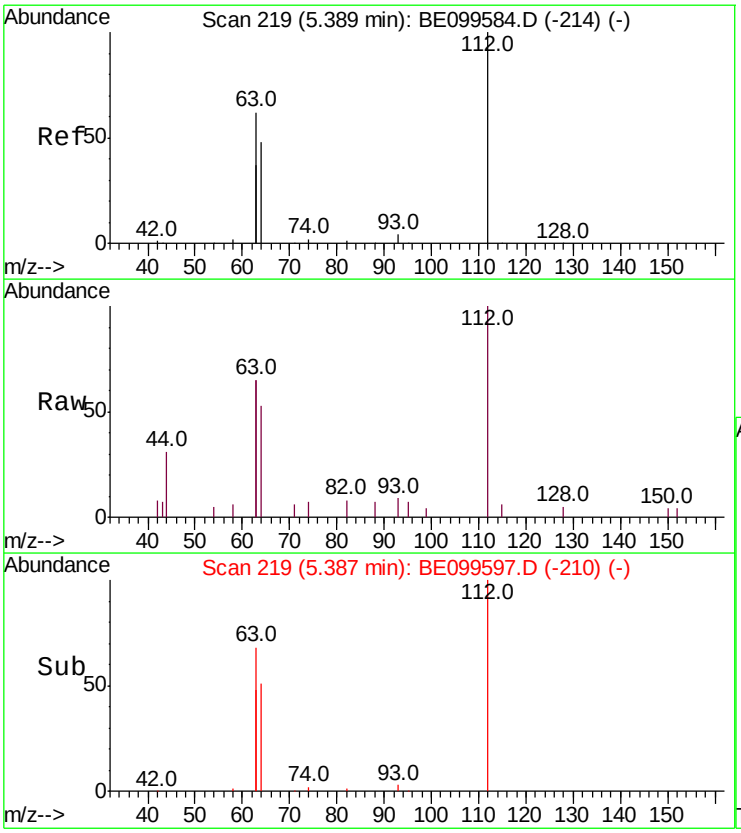
#3
n-Nitrosodimethylamine
Concen: 0.365 ng
RT: 3.64 min Scan# 67
Delta R.T. -0.00 min
Lab File: BE099597.D
Acq: 10 May 2019 11:01

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 42 Resp: 563

Ion	Ratio	Lower	Upper
42	100		
74	0.0	136.9	205.3#
44	16.5	7.1	10.7#

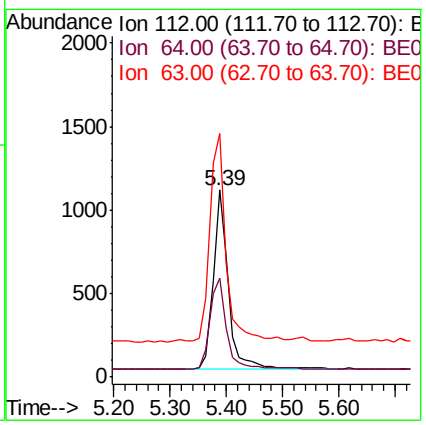


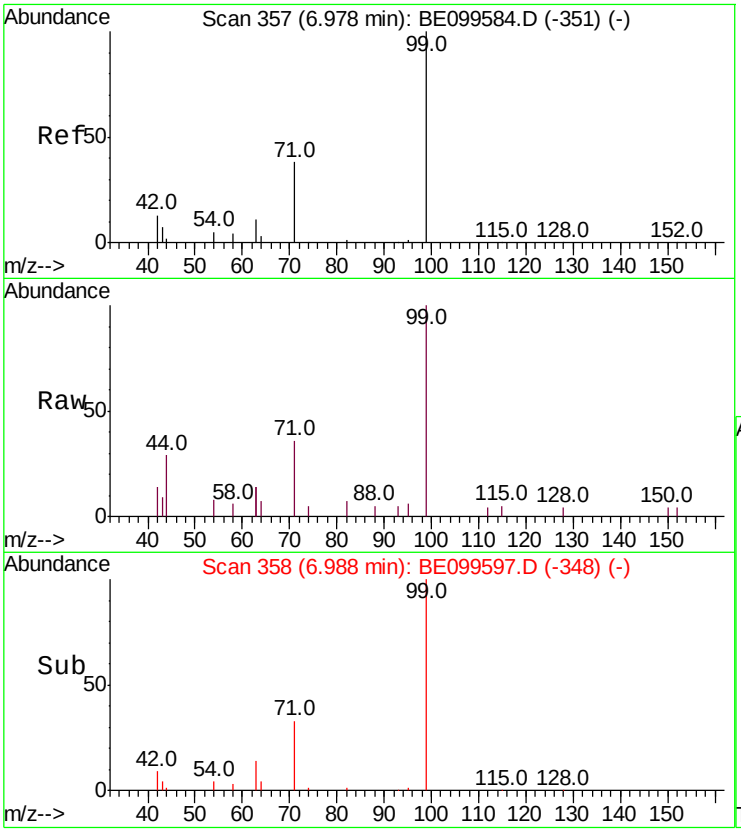


#4
2-Fluorophenol
Concen: 0.413 ng
RT: 5.39 min Scan# 219
Delta R.T. -0.00 min
Lab File: BE099597.D
Acq: 10 May 2019 11:01

Tgt Ion:112 Resp: 2000

Ion	Ratio	Lower	Upper
112	100		
64	53.9	46.2	69.4
63	121.1	100.2	150.4



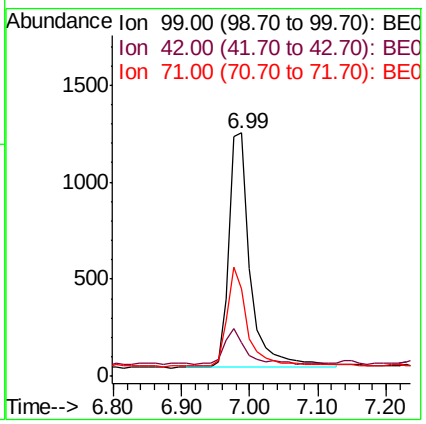


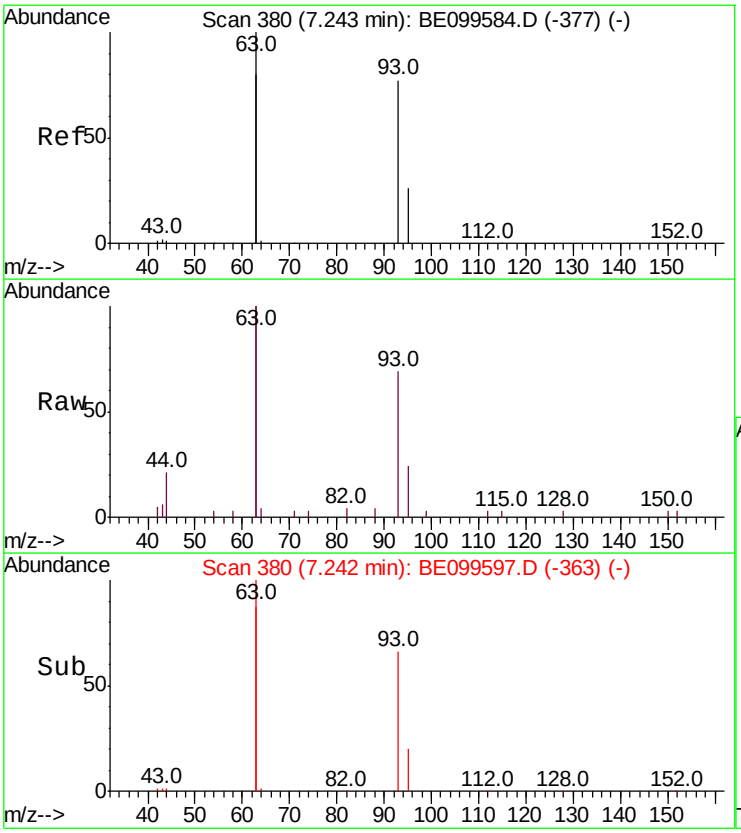
#5
Phenol-d6
Concen: 0.422 ng
RT: 6.99 min Scan# 358
Delta R.T. 0.01 min
Lab File: BE099597.D
Acq: 10 May 2019 11:01

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 99 Resp: 2685

Ion	Ratio	Lower	Upper
99	100		
42	14.5	13.8	20.8
71	38.9	32.2	48.4

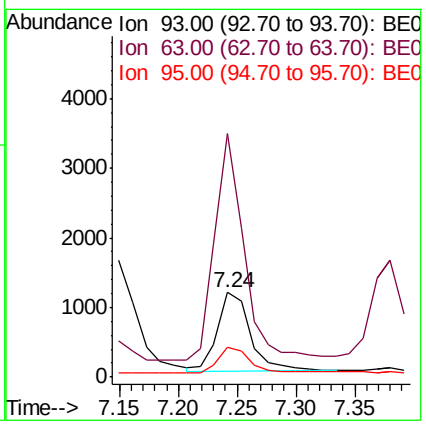


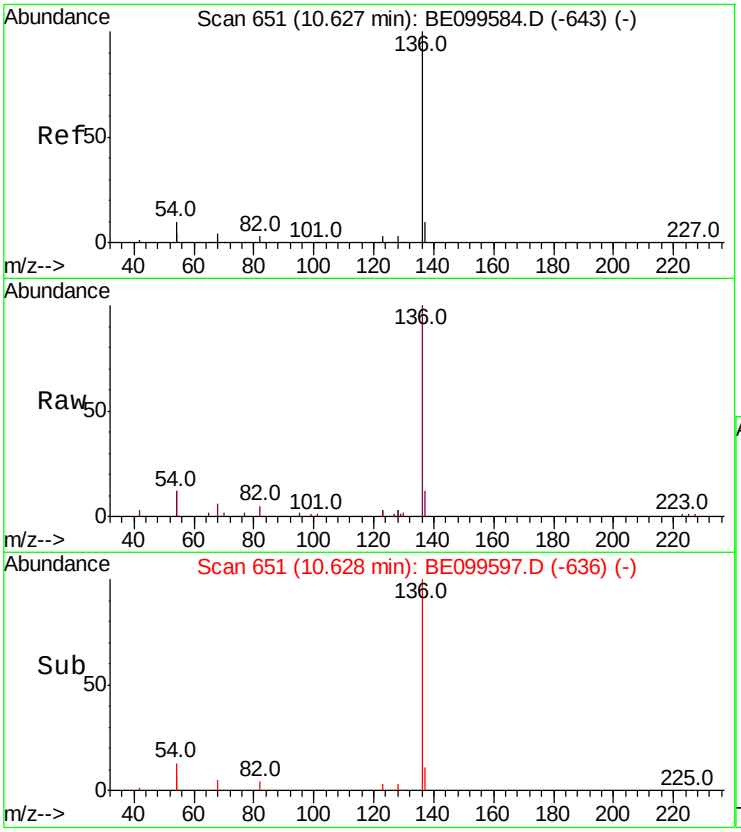


#6
bis(2-Chloroethyl)ether
Concen: 0.409 ng
RT: 7.24 min Scan# 380
Delta R.T. -0.00 min
Lab File: BE099597.D
Acq: 10 May 2019 11:01

Tgt Ion: 93 Resp: 2161

Ion	Ratio	Lower	Upper
93	100		
63	260.7	213.4	320.0
95	32.9	24.9	37.3



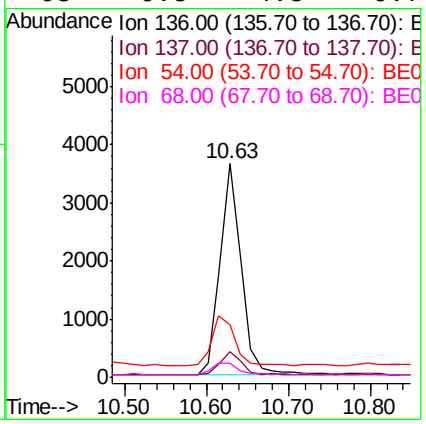


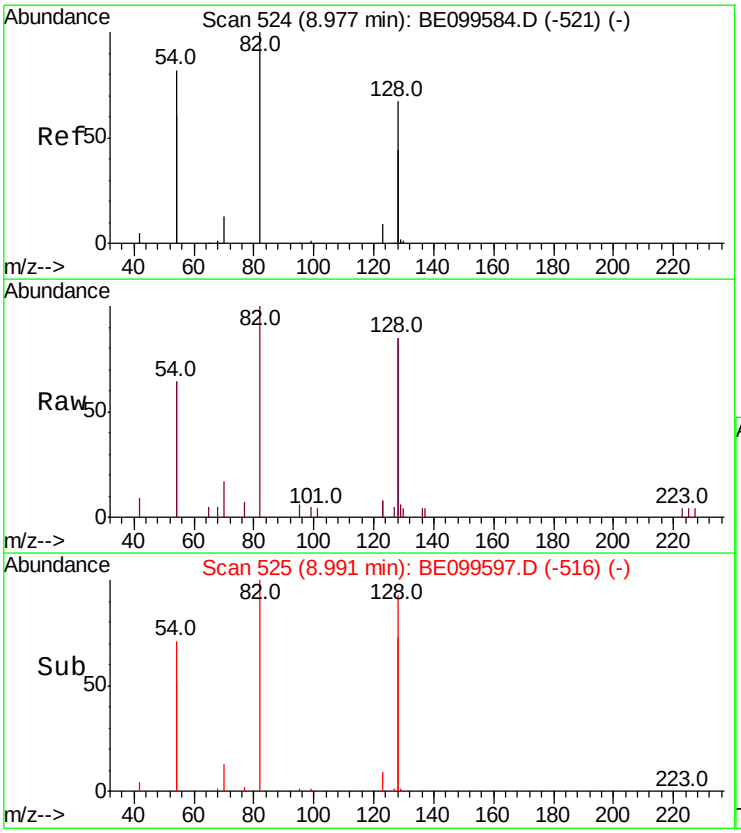
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.63 min Scan# 651
Delta R.T. 0.00 min
Lab File: BE099597.D
Acq: 10 May 2019 11:01

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:136 Resp: 6507

Ion	Ratio	Lower	Upper
136	100		
137	11.8	9.1	13.7
54	24.7	16.5	24.7
68	6.5	4.5	6.7

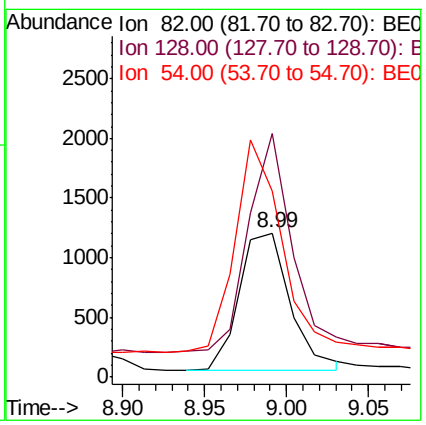


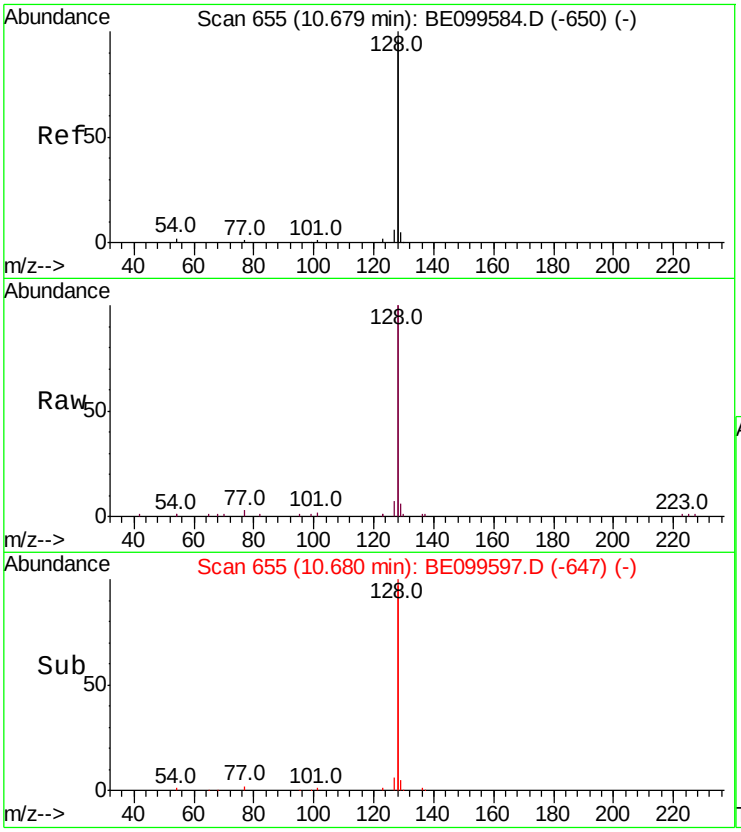


#8
Nitrobenzene-d5
Concen: 0.412 ng
RT: 8.99 min Scan# 525
Delta R.T. 0.01 min
Lab File: BE099597.D
Acq: 10 May 2019 11:01

Tgt Ion: 82 Resp: 2514

Ion	Ratio	Lower	Upper
82	100		
128	169.3	101.5	152.3#
54	129.0	123.8	185.6



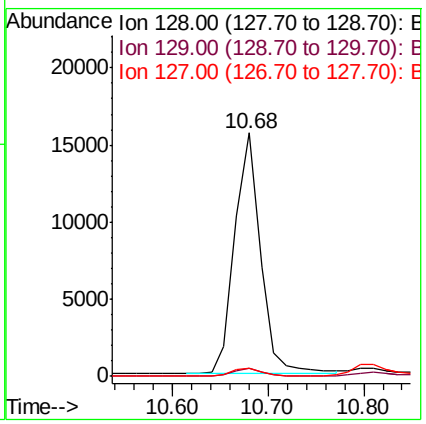


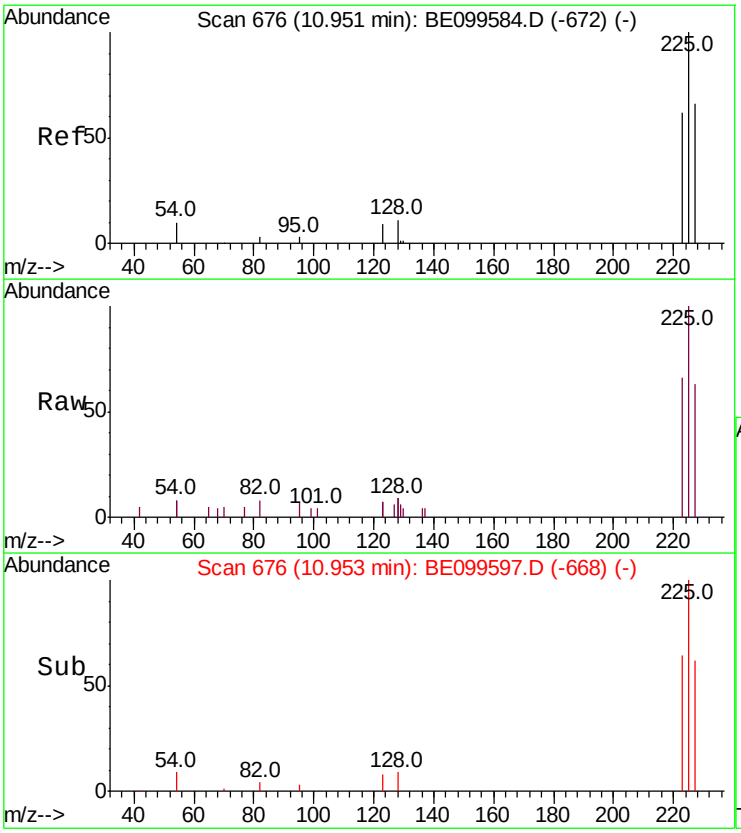
#9
Naphthalene
Concen: 0.416 ng
RT: 10.68 min Scan# 655
Delta R.T. 0.00 min
Lab File: BE099597.D
Acq: 10 May 2019 11:01

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:128 Resp: 28835

Ion	Ratio	Lower	Upper
128	100		
129	3.1	2.4	3.6
127	3.5	2.8	4.2

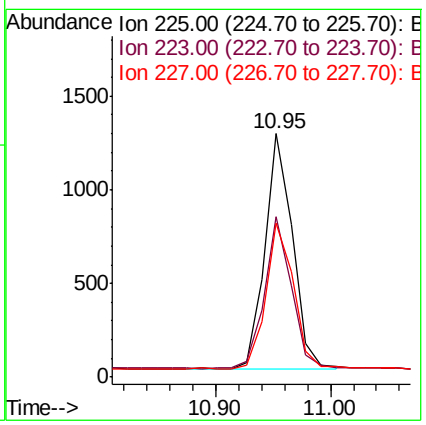


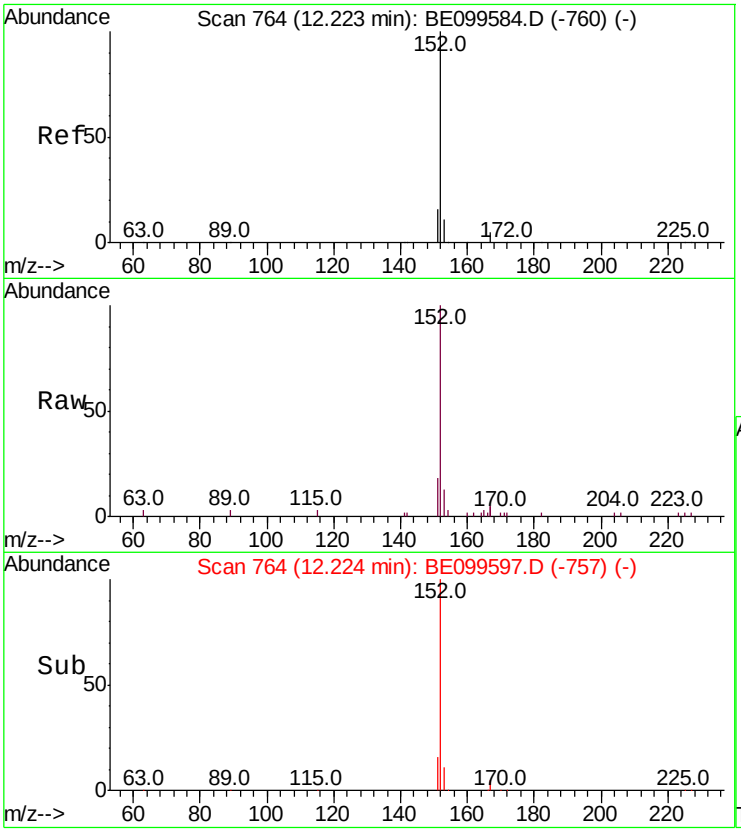


#10
Hexachlorobutadiene
Concen: 0.420 ng
RT: 10.95 min Scan# 676
Delta R.T. 0.00 min
Lab File: BE099597.D
Acq: 10 May 2019 11:01

Tgt Ion:225 Resp: 2104

Ion	Ratio	Lower	Upper
225	100		
223	63.1	49.6	74.4
227	62.8	50.1	75.1



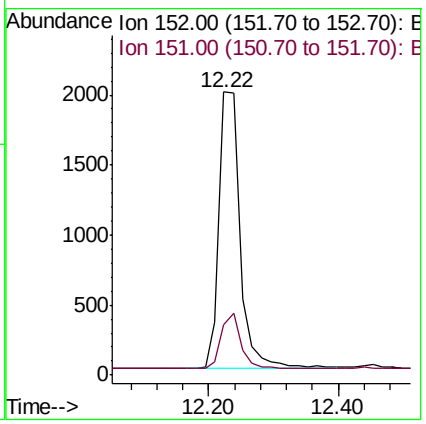


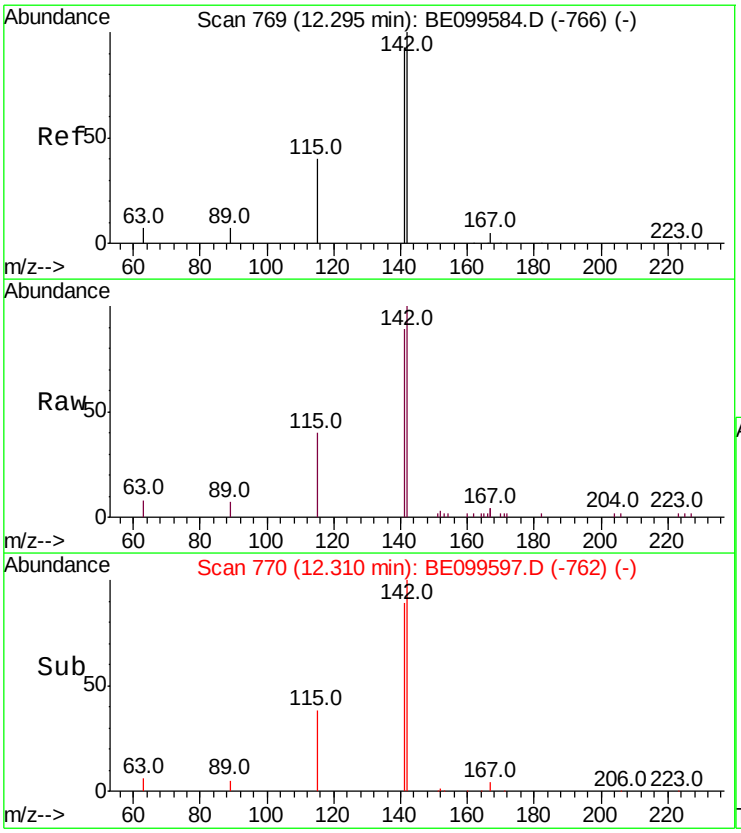
#11
2-Methylnaphthalene-d10
Concen: 0.412 ng
RT: 12.22 min Scan# 764
Delta R.T. 0.00 min
Lab File: BE099597.D
Acq: 10 May 2019 11:01

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:152 Resp: 4492

Ion	Ratio	Lower	Upper
152	100		
151	19.4	16.2	24.2

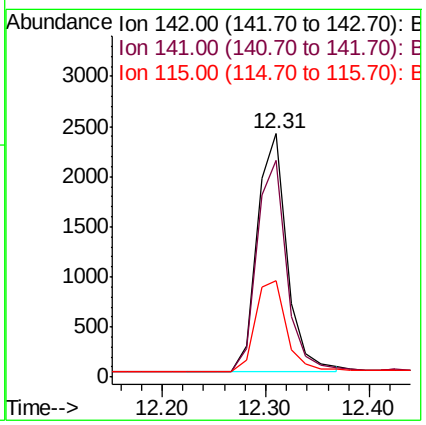


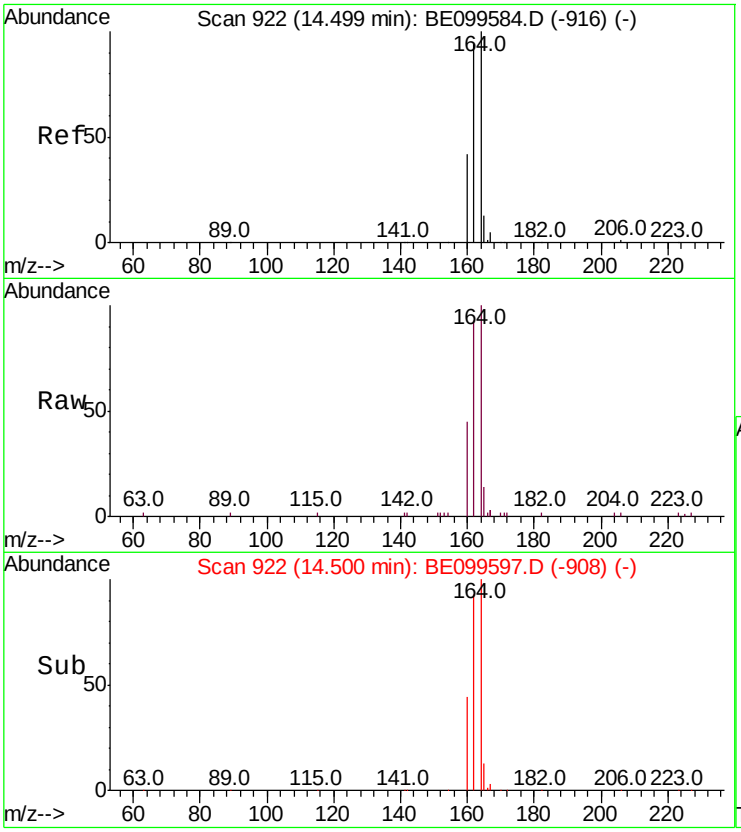


#12
2-Methylnaphthalene
Concen: 0.426 ng
RT: 12.31 min Scan# 770
Delta R.T. 0.02 min
Lab File: BE099597.D
Acq: 10 May 2019 11:01

Tgt Ion:142 Resp: 4822

Ion	Ratio	Lower	Upper
142	100		
141	88.8	75.0	112.4
115	39.6	33.7	50.5



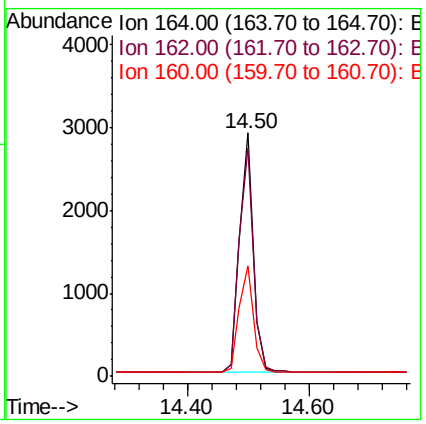


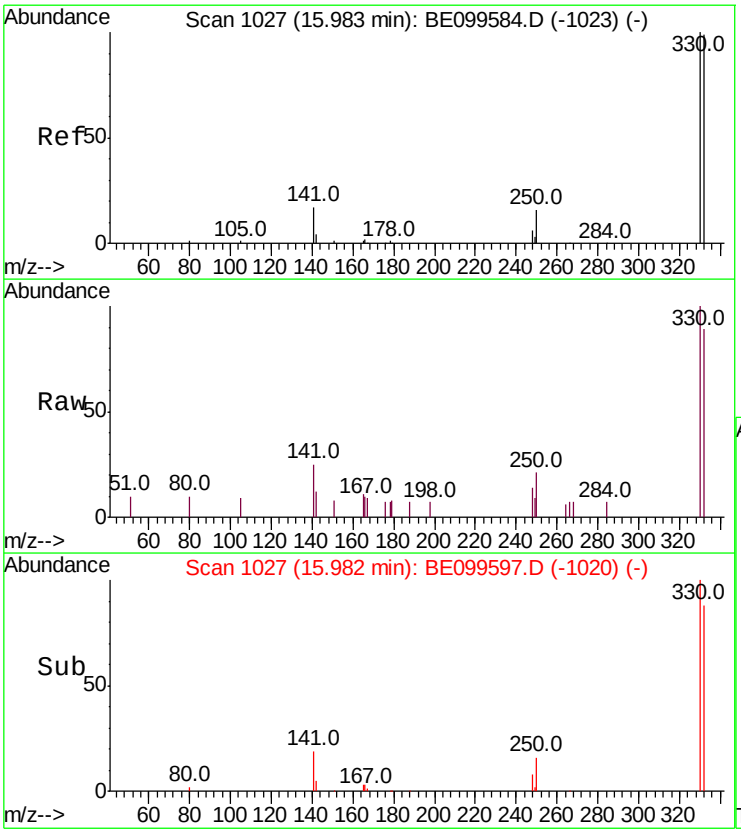
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.50 min Scan# 922
Delta R.T. 0.00 min
Lab File: BE099597.D
Acq: 10 May 2019 11:01

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:164 Resp: 4586

Ion	Ratio	Lower	Upper
164	100		
162	93.5	75.3	112.9
160	45.3	34.7	52.1

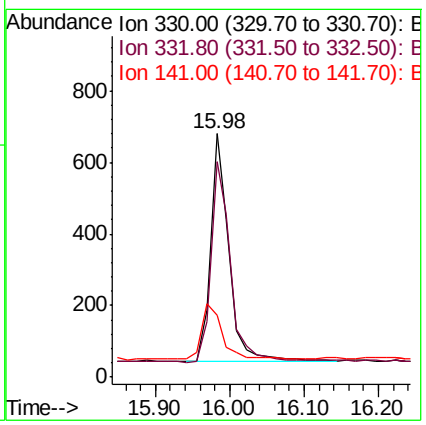


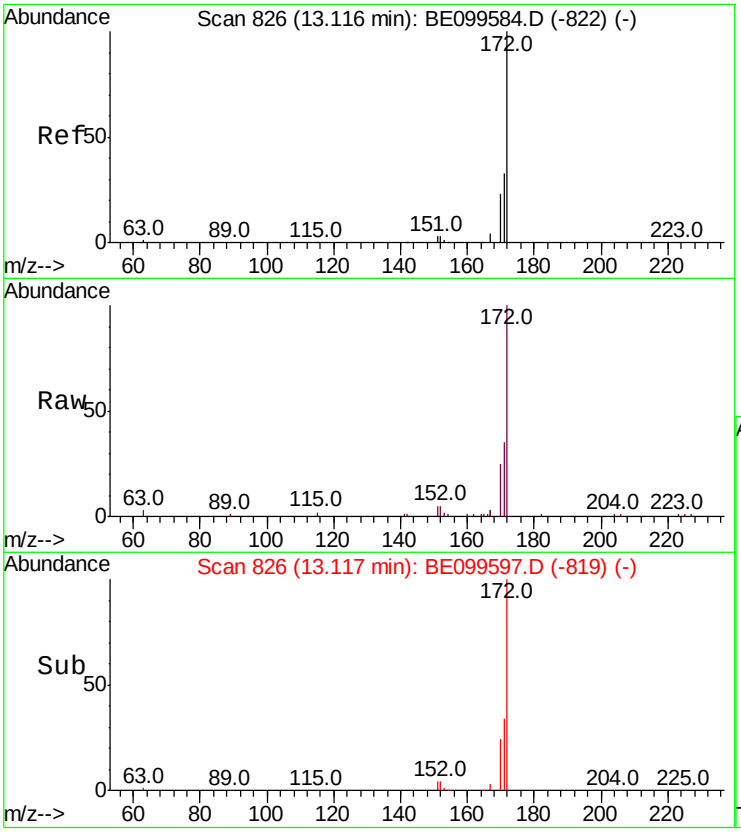


#14
2,4,6-Tribromophenol
Concen: 0.408 ng
RT: 15.98 min Scan# 1027
Delta R.T. -0.00 min
Lab File: BE099597.D
Acq: 10 May 2019 11:01

Tgt Ion:330 Resp: 1111

Ion	Ratio	Lower	Upper
330	100		
332	93.1	78.7	118.1
141	27.1	22.3	33.5



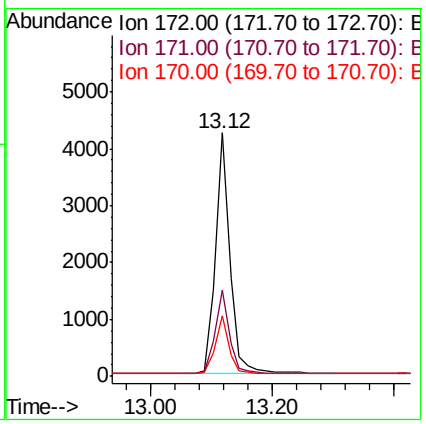


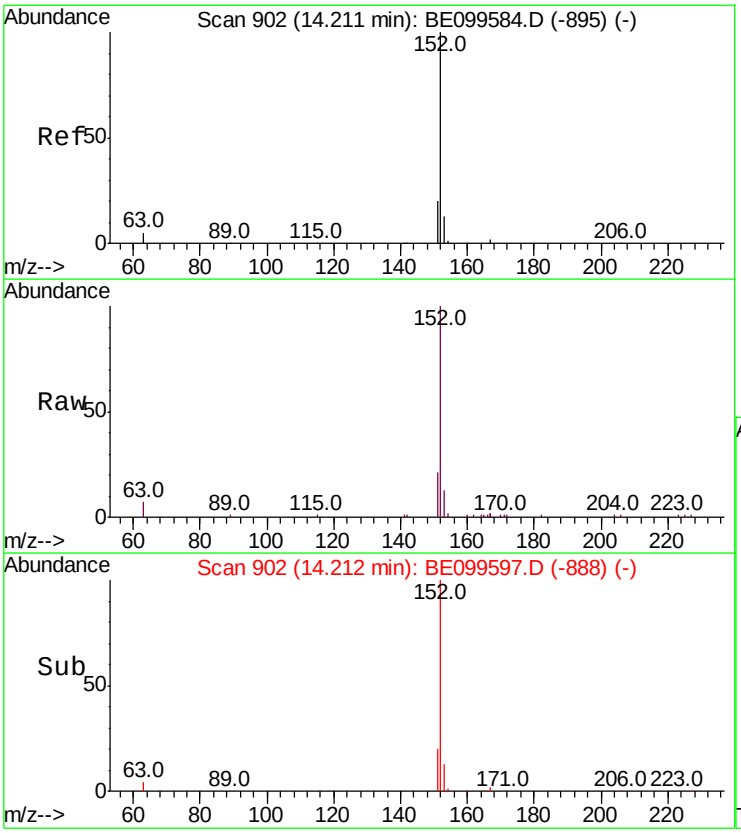
#15
2-Fluorobiphenyl
Concen: 0.396 ng
RT: 13.12 min Scan# 826
Delta R.T. 0.00 min
Lab File: BE099597.D
Acq: 10 May 2019 11:01

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:172 Resp: 7036

Ion	Ratio	Lower	Upper
172	100		
171	35.3	27.5	41.3
170	24.8	19.1	28.7

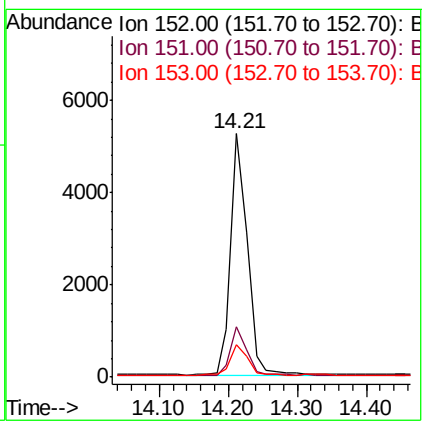


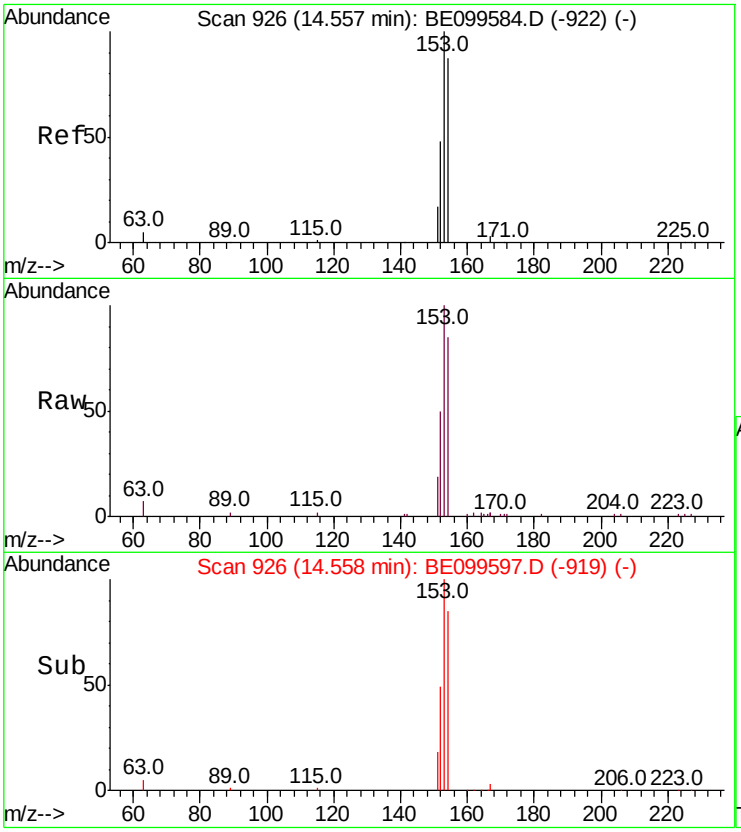


#16
Acenaphthylene
Concen: 0.394 ng
RT: 14.21 min Scan# 902
Delta R.T. 0.00 min
Lab File: BE099597.D
Acq: 10 May 2019 11:01

Tgt Ion:152 Resp: 8745

Ion	Ratio	Lower	Upper
152	100		
151	19.1	15.5	23.3
153	12.9	10.2	15.4



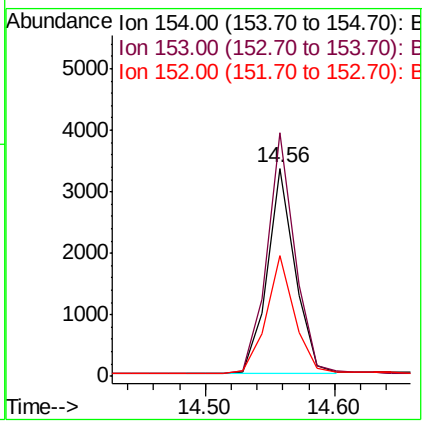


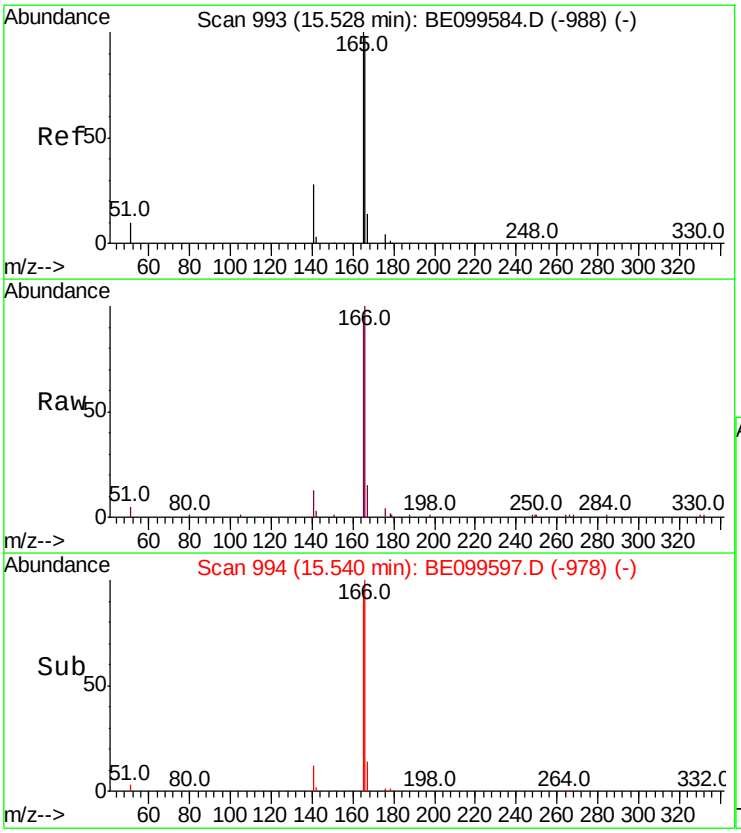
#17
Acenaphthene
Concen: 0.400 ng
RT: 14.56 min Scan# 926
Delta R.T. 0.00 min
Lab File: BE099597.D
Acq: 10 May 2019 11:01

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:154 Resp: 4958

Ion	Ratio	Lower	Upper
154	100		
153	117.6	92.9	139.3
152	57.5	46.3	69.5

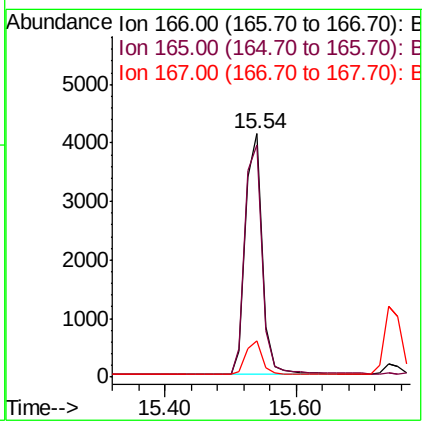


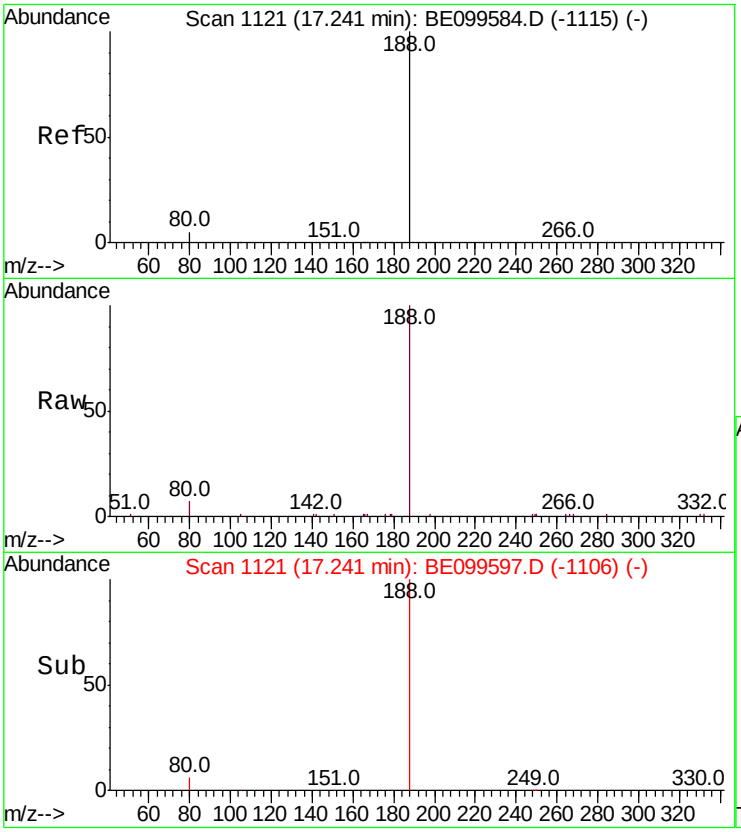


#18
Fluorene
Concen: 0.411 ng
RT: 15.54 min Scan# 994
Delta R.T. 0.01 min
Lab File: BE099597.D
Acq: 10 May 2019 11:01

Tgt Ion:166 Resp: 7275

Ion	Ratio	Lower	Upper
166	100		
165	98.9	80.5	120.7
167	13.2	11.6	17.4



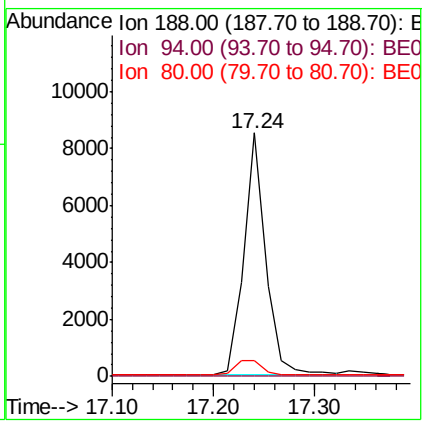


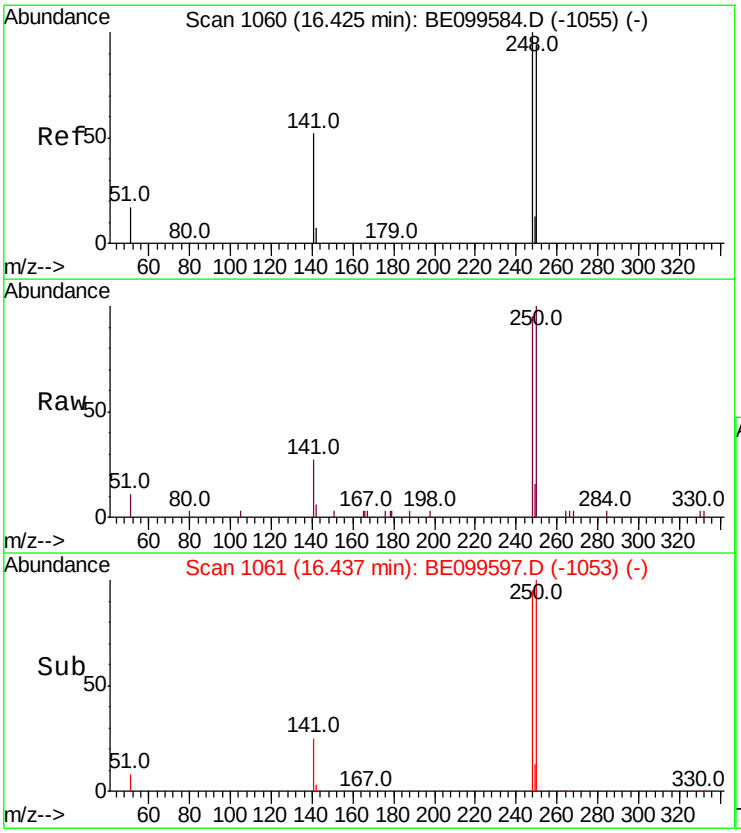
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.24 min Scan# 1121
Delta R.T. -0.00 min
Lab File: BE099597.D
Acq: 10 May 2019 11:01

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:188 Resp: 12883

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	6.7	4.4	6.6#

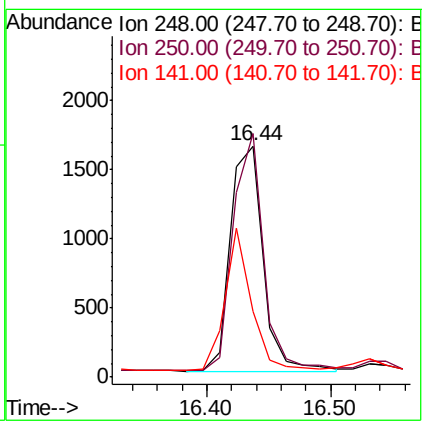


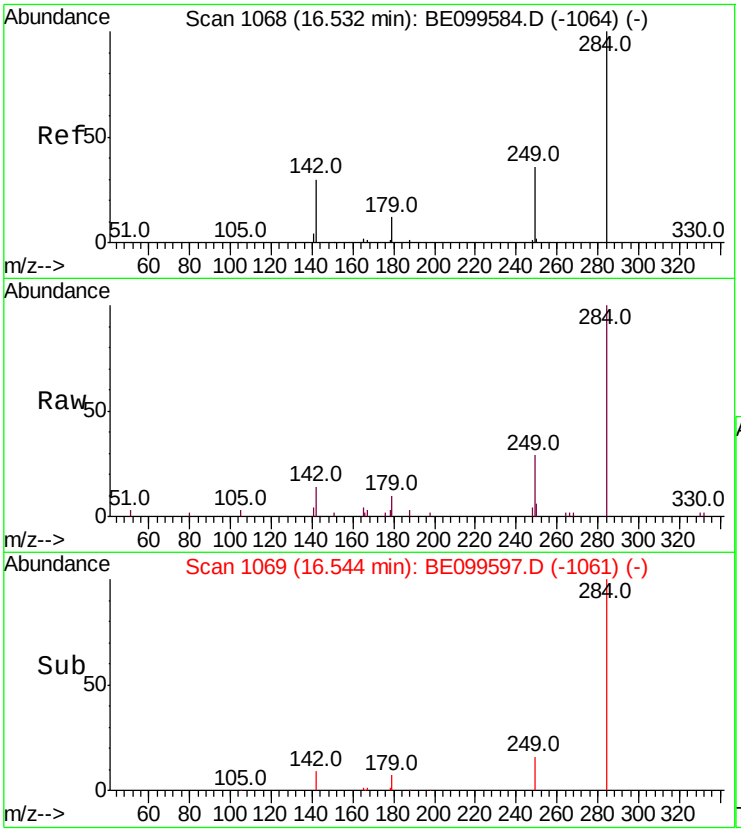


#20
4-Bromophenyl-phenylether
Concen: 0.406 ng
RT: 16.44 min Scan# 1061
Delta R.T. 0.01 min
Lab File: BE099597.D
Acq: 10 May 2019 11:01

Tgt Ion:248 Resp: 2987

Ion	Ratio	Lower	Upper
248	100		
250	105.4	75.7	113.5
141	28.7	42.9	64.3#



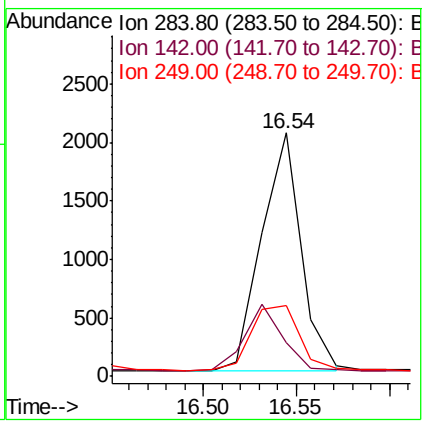


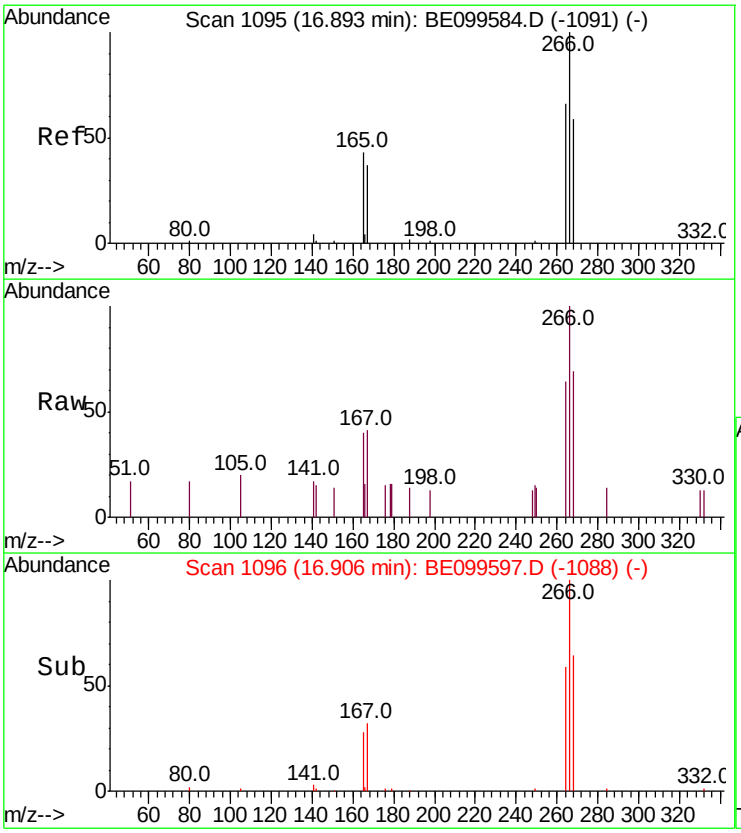
#21
Hexachlorobenzene
Concen: 0.412 ng
RT: 16.54 min Scan# 1069
Delta R.T. 0.01 min
Lab File: BE099597.D
Acq: 10 May 2019 11:01

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:284 Resp: 3038

Ion	Ratio	Lower	Upper
284	100		
142	26.6	20.6	30.8
249	32.9	25.8	38.6

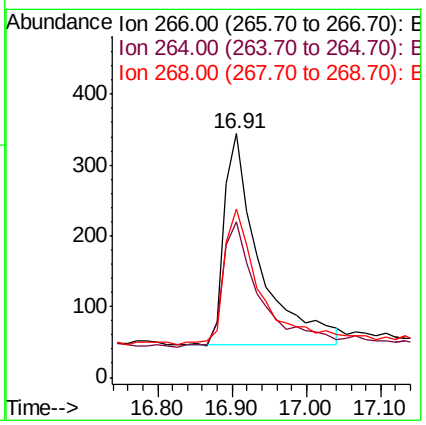


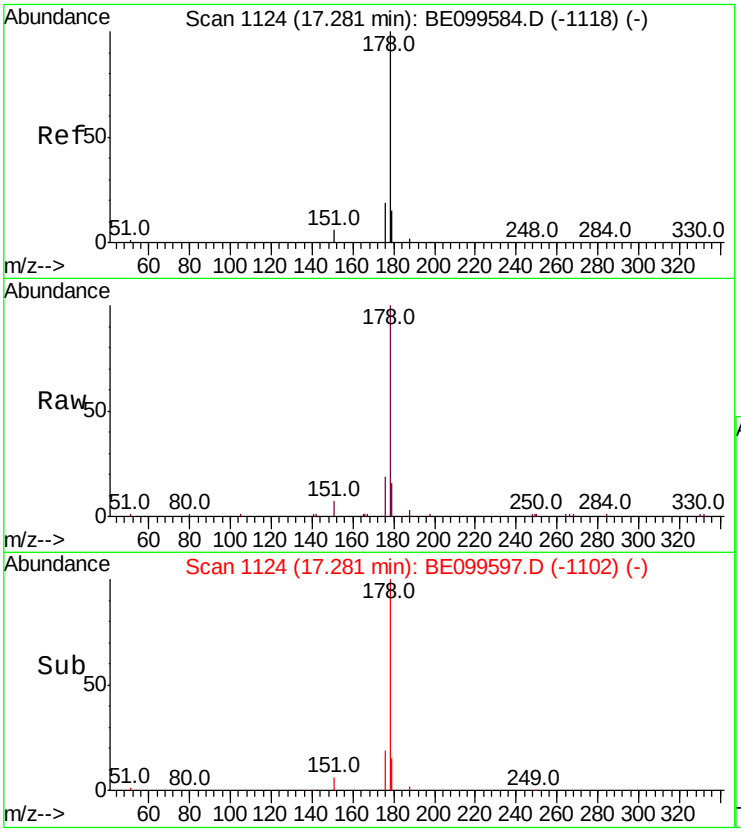


#22
Pentachlorophenol
Concen: 0.488 ng
RT: 16.91 min Scan# 1096
Delta R.T. 0.01 min
Lab File: BE099597.D
Acq: 10 May 2019 11:01

Tgt Ion:266 Resp: 985

Ion	Ratio	Lower	Upper
266	100		
264	63.7	57.3	85.9
268	69.2	53.5	80.3



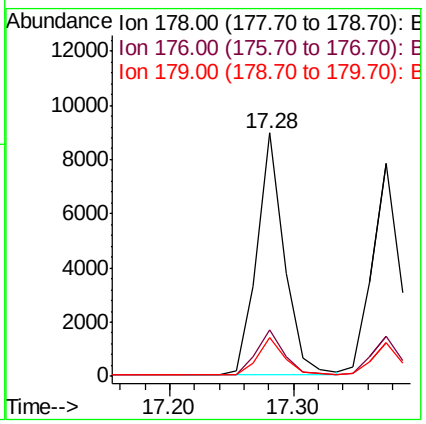


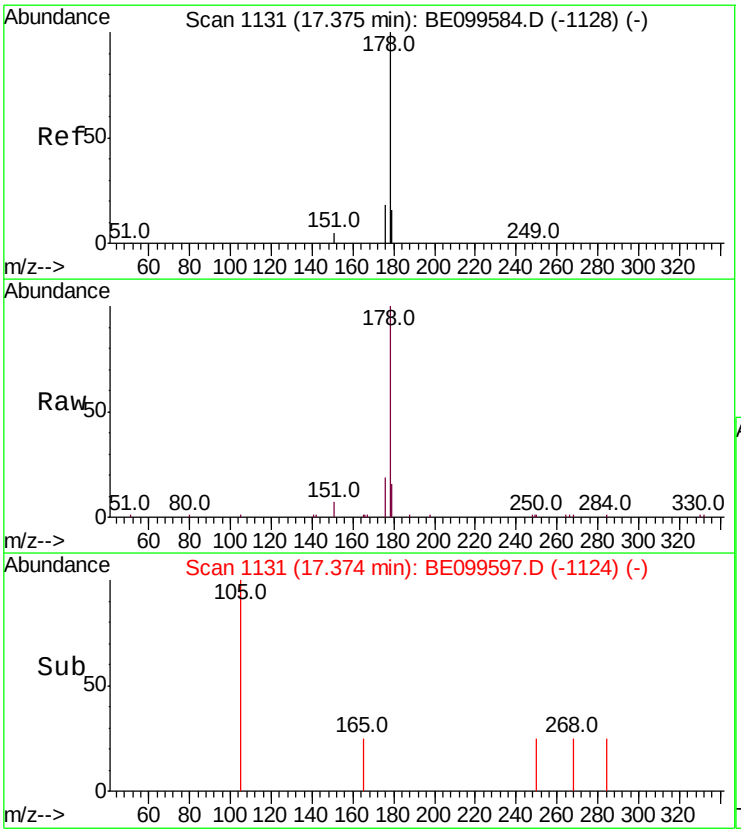
#23
Phenanthrene
Concen: 0.427 ng
RT: 17.28 min Scan# 1124
Delta R.T. -0.00 min
Lab File: BE099597.D
Acq: 10 May 2019 11:01

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:178 Resp: 13669

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.8	23.6
179	15.3	12.2	18.2

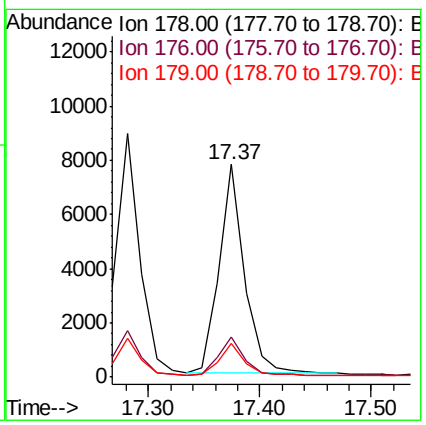


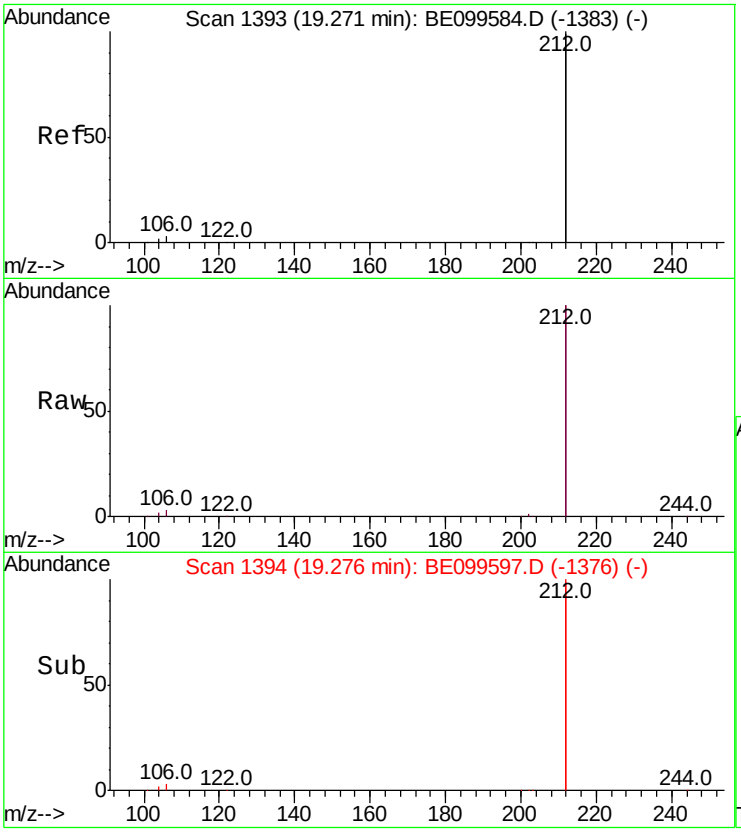


#24
Anthracene
Concen: 0.406 ng
RT: 17.37 min Scan# 1131
Delta R.T. -0.00 min
Lab File: BE099597.D
Acq: 10 May 2019 11:01

Tgt Ion:178 Resp: 12200

Ion	Ratio	Lower	Upper
178	100		
176	18.4	14.8	22.2
179	14.9	12.3	18.5



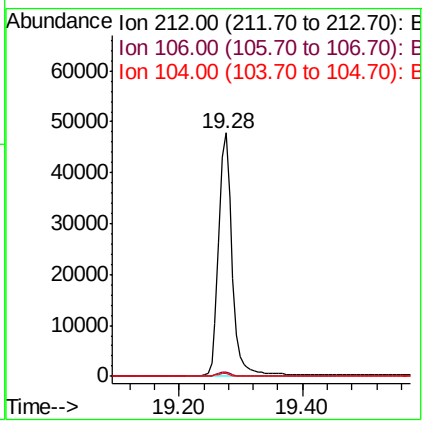


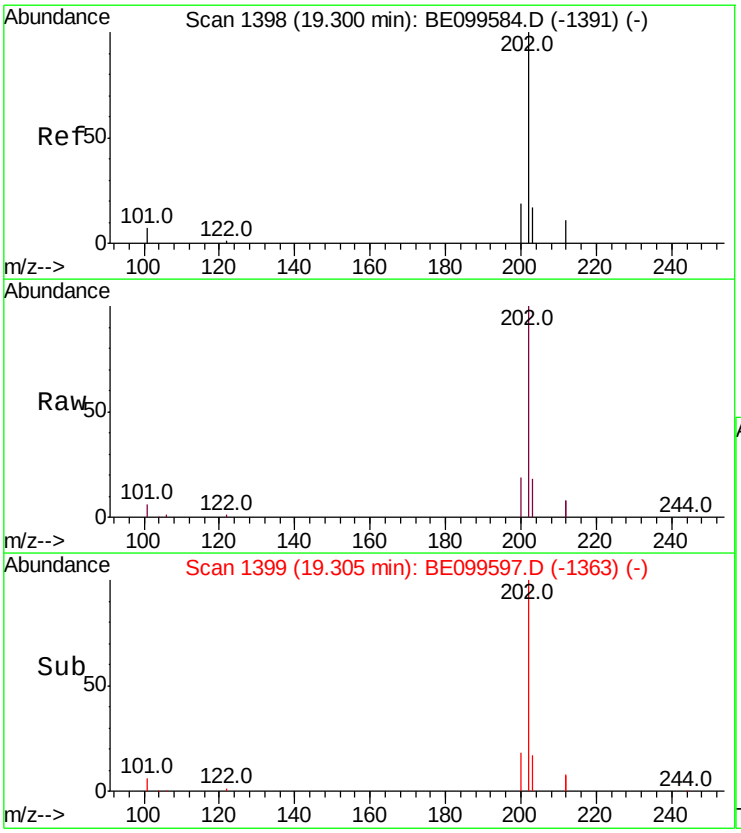
#25
Fluoranthene-d10
Concen: 0.420 ng
RT: 19.28 min Scan# 1394
Delta R.T. 0.00 min
Lab File: BE099597.D
Acq: 10 May 2019 11:01

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:212 Resp: 71243

Ion	Ratio	Lower	Upper
212	100		
106	1.8	1.4	2.2
104	1.0	0.9	1.3

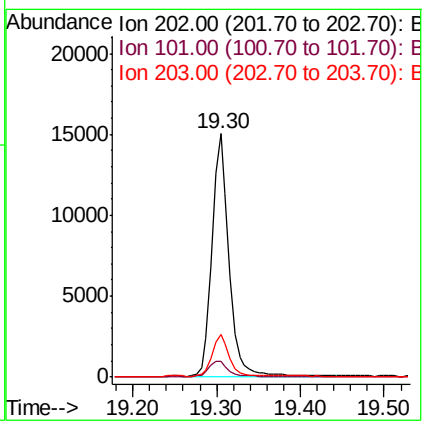


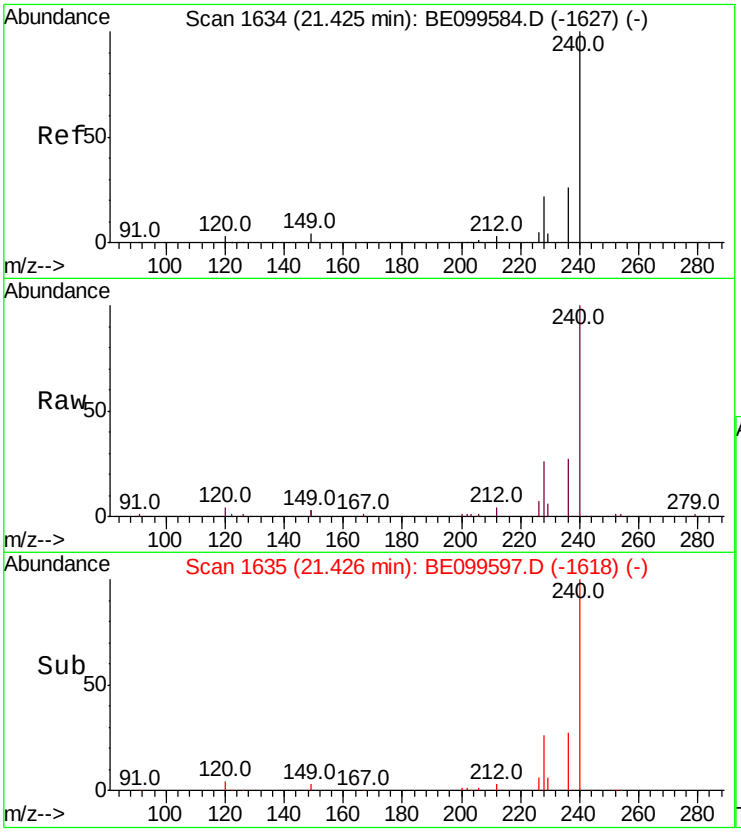


#26
Fluoranthene
Concen: 0.437 ng
RT: 19.30 min Scan# 1399
Delta R.T. 0.00 min
Lab File: BE099597.D
Acq: 10 May 2019 11:01

Tgt Ion:202 Resp: 21048

Ion	Ratio	Lower	Upper
202	100		
101	6.9	5.4	8.2
203	16.9	13.7	20.5



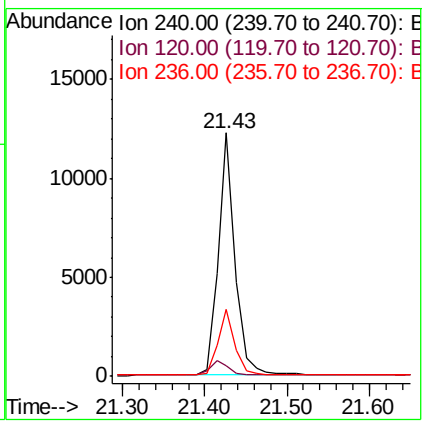


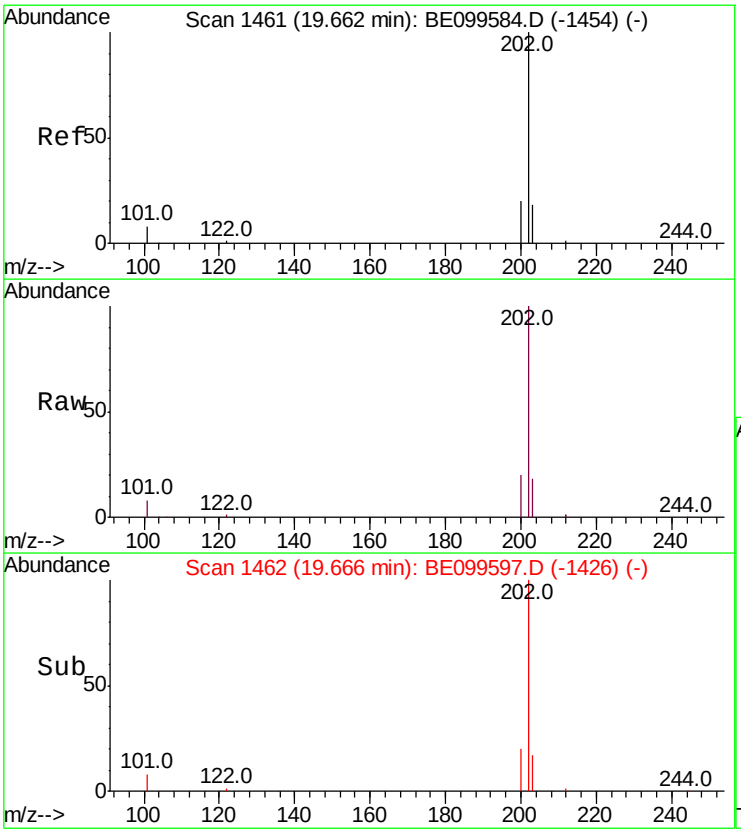
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.43 min Scan# 1635
Delta R.T. 0.00 min
Lab File: BE099597.D
Acq: 10 May 2019 11:01

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:240 Resp: 17533

Ion	Ratio	Lower	Upper
240	100		
120	4.2	3.2	4.8
236	27.3	21.0	31.6

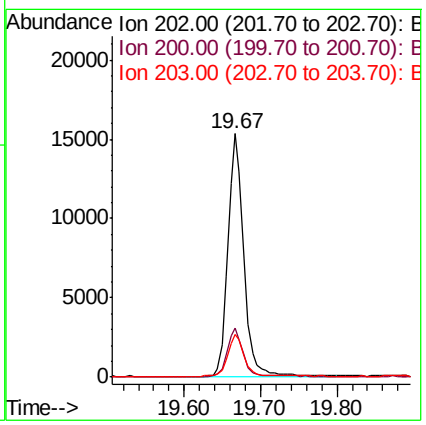


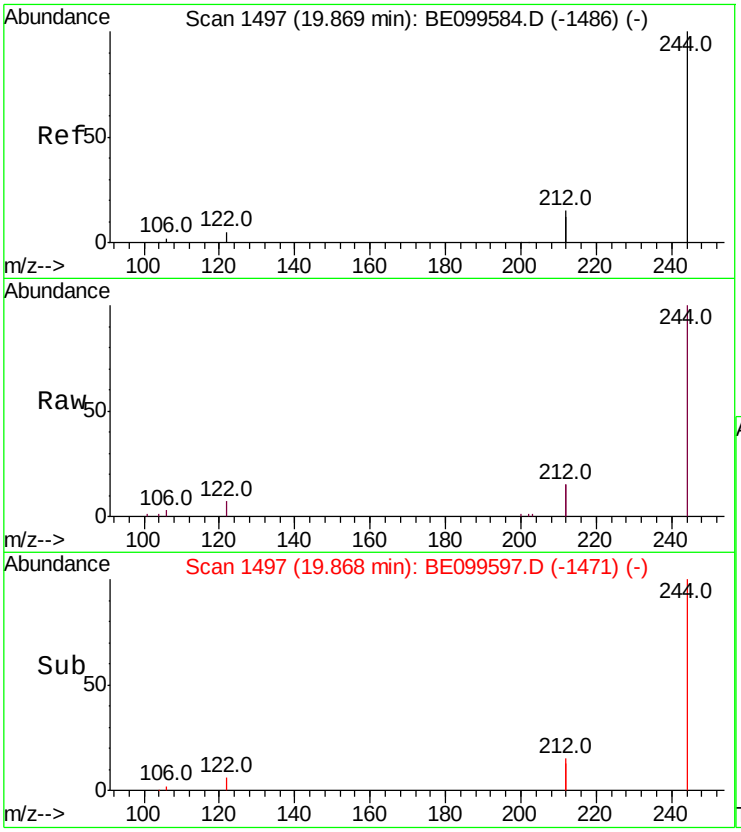


#28
Pyrene
Concen: 0.478 ng
RT: 19.67 min Scan# 1462
Delta R.T. 0.00 min
Lab File: BE099597.D
Acq: 10 May 2019 11:01

Tgt Ion:202 Resp: 22093

Ion	Ratio	Lower	Upper
202	100		
200	19.5	15.9	23.9
203	17.5	14.1	21.1



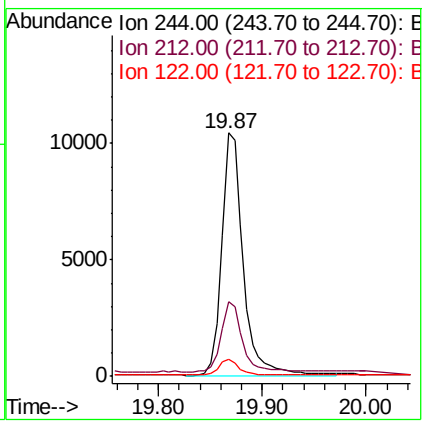


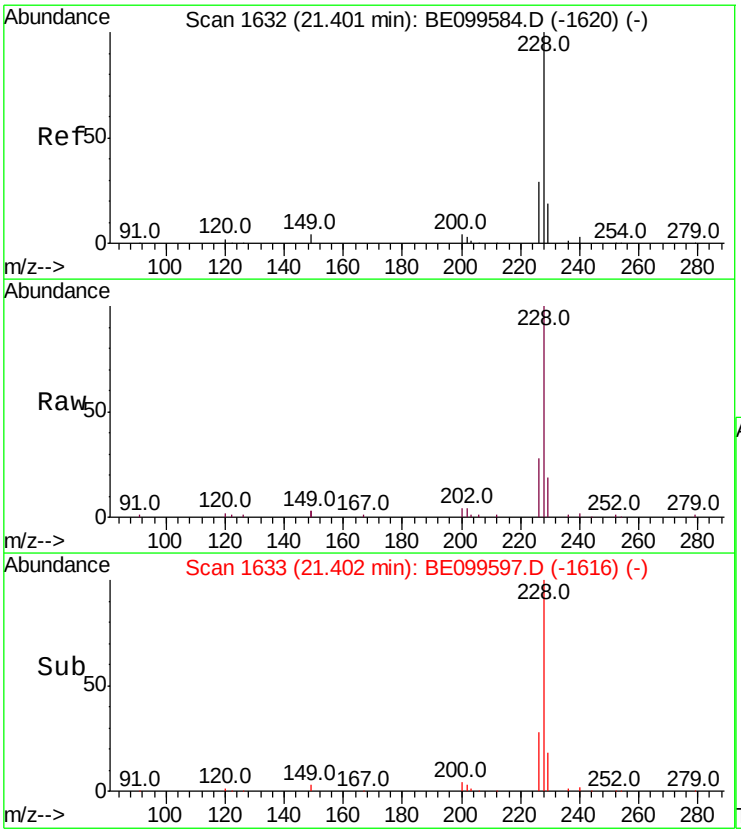
#29
Terphenyl-d14
Concen: 0.478 ng
RT: 19.87 min Scan# 1497
Delta R.T. -0.00 min
Lab File: BE099597.D
Acq: 10 May 2019 11:01

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:244 Resp: 14885

Ion	Ratio	Lower	Upper
244	100		
212	30.8	24.4	36.6
122	6.8	4.6	6.8#

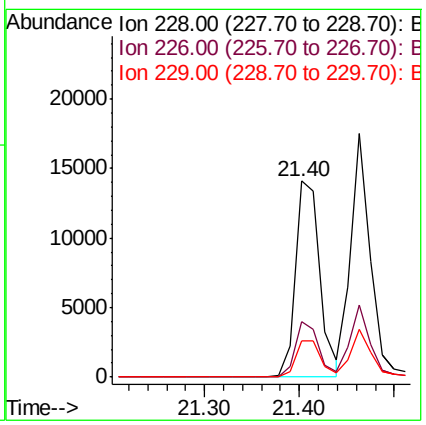


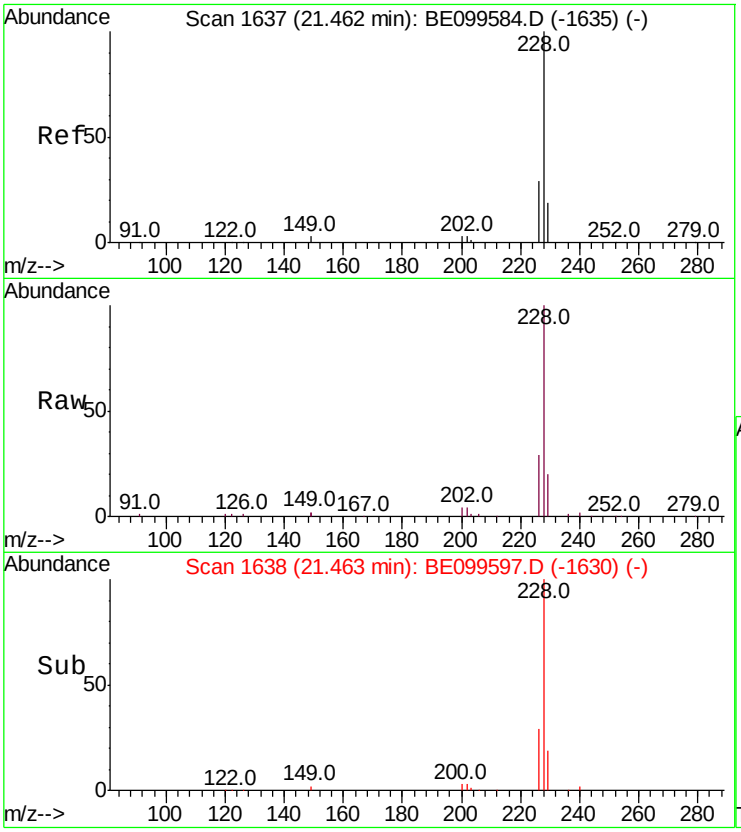


#30
Benzo(a)anthracene
Concen: 0.461 ng
RT: 21.40 min Scan# 1633
Delta R.T. 0.00 min
Lab File: BE099597.D
Acq: 10 May 2019 11:01

Tgt Ion:228 Resp: 24696

Ion	Ratio	Lower	Upper
228	100		
226	28.1	23.3	34.9
229	18.8	15.5	23.3



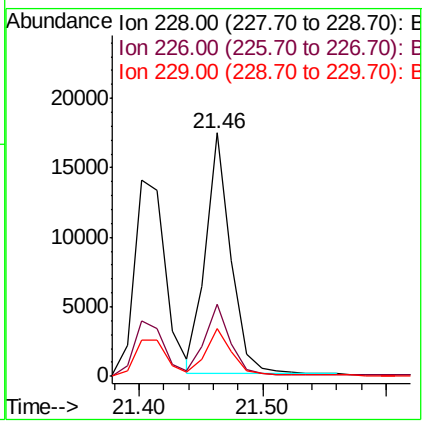


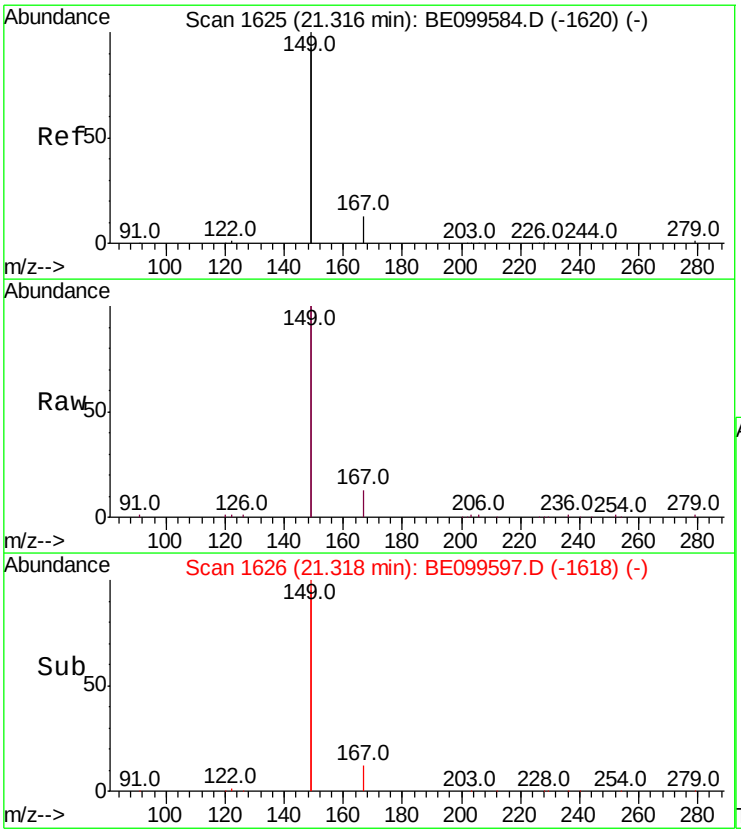
#31
Chrysene
Concen: 0.462 ng
RT: 21.46 min Scan# 1638
Delta R.T. 0.00 min
Lab File: BE099597.D
Acq: 10 May 2019 11:01

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:228 Resp: 24747

Ion	Ratio	Lower	Upper
228	100		
226	29.4	23.2	34.8
229	19.5	15.6	23.4

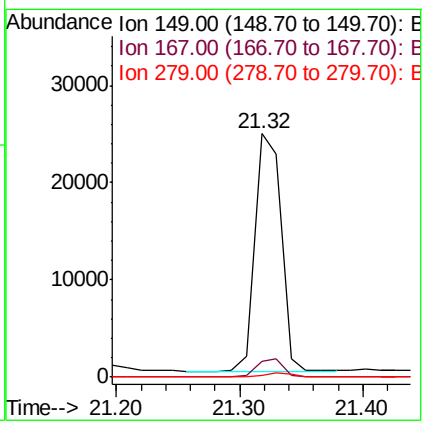


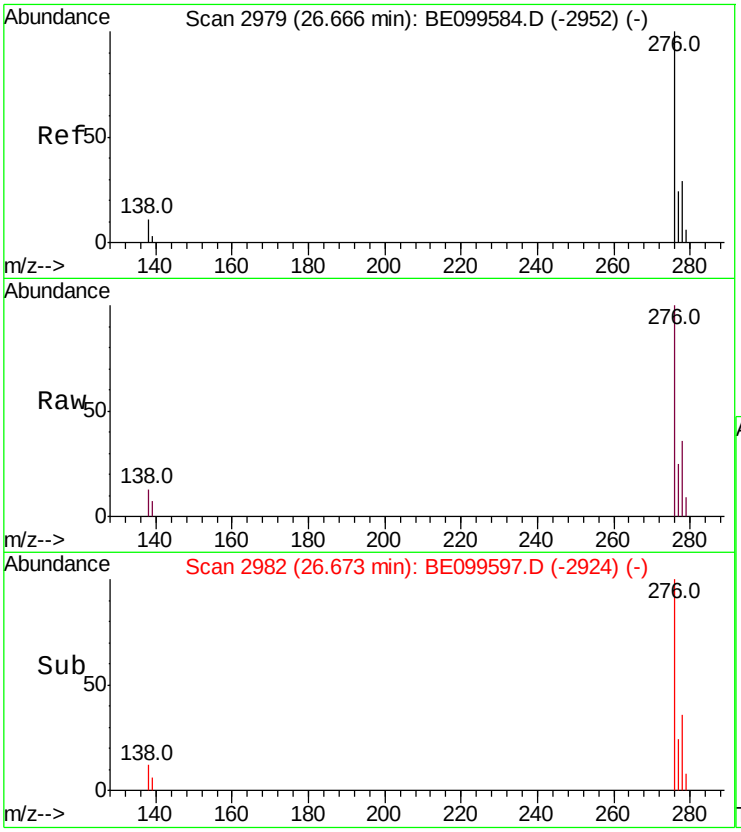


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.470 ng
RT: 21.32 min Scan# 1626
Delta R.T. 0.00 min
Lab File: BE099597.D
Acq: 10 May 2019 11:01

Tgt Ion:149 Resp: 36170

Ion	Ratio	Lower	Upper
149	100		
167	7.3	6.0	9.0
279	1.5	1.1	1.7



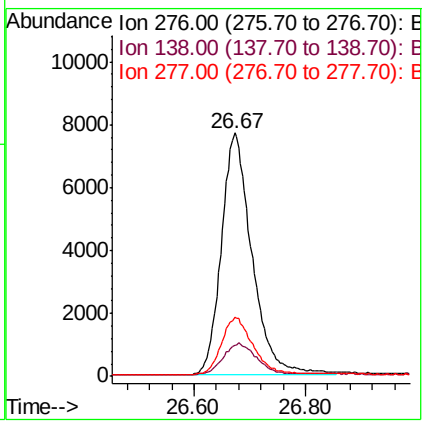


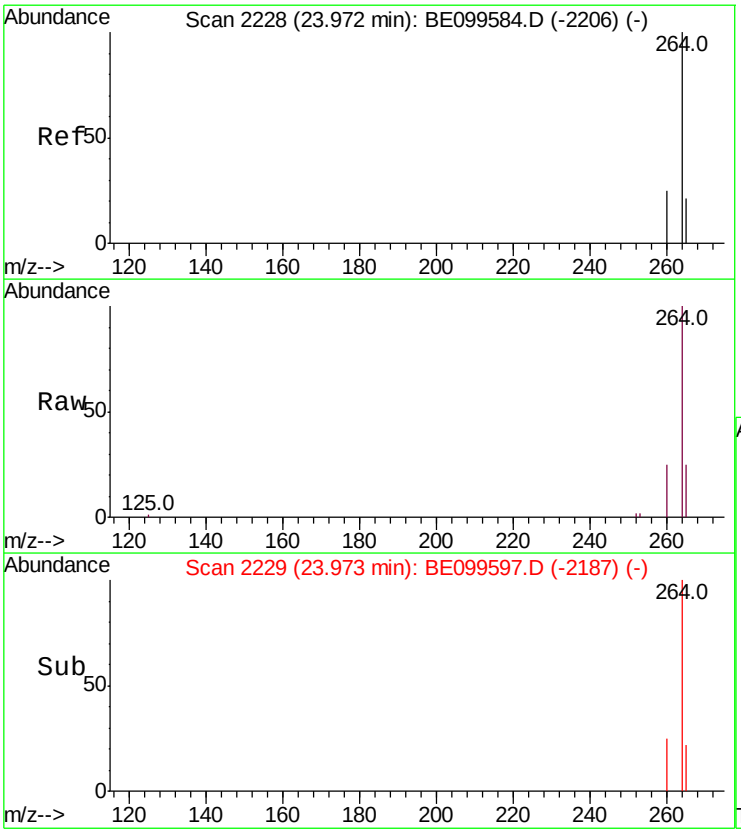
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.438 ng
RT: 26.67 min Scan# 2982
Delta R.T. 0.01 min
Lab File: BE099597.D
Acq: 10 May 2019 11:01

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:276 Resp: 29229

Ion	Ratio	Lower	Upper
276	100		
138	13.7	10.2	15.2
277	24.2	19.8	29.8

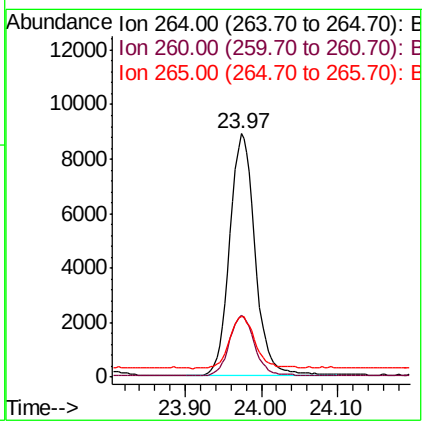


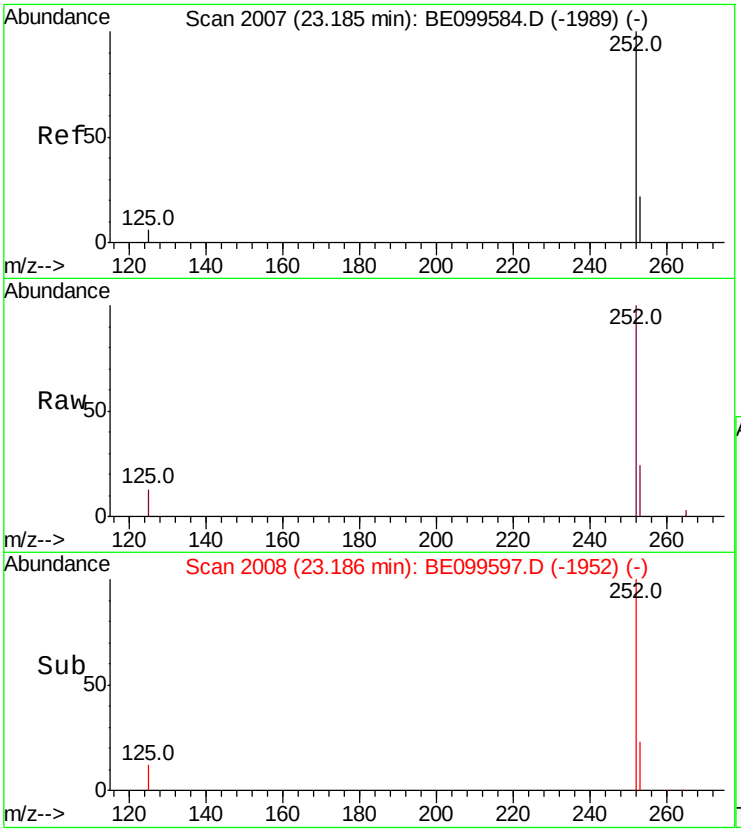


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.97 min Scan# 2229
Delta R.T. 0.00 min
Lab File: BE099597.D
Acq: 10 May 2019 11:01

Tgt Ion:264 Resp: 20673

Ion	Ratio	Lower	Upper
264	100		
260	25.3	20.3	30.5
265	25.0	20.9	31.3



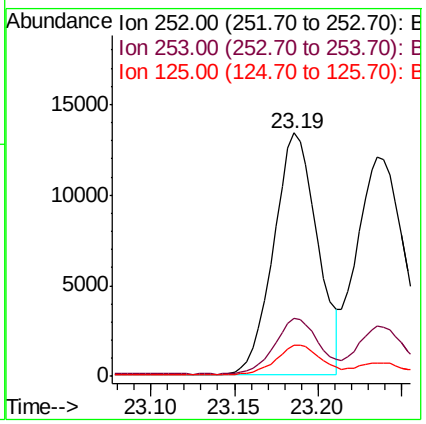


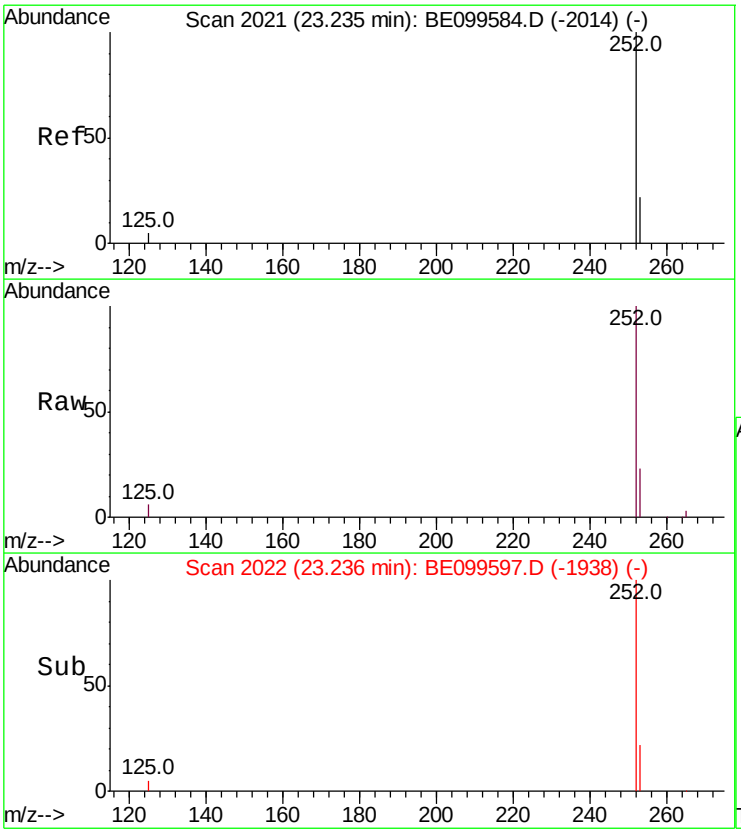
#35
Benzo(b)fluoranthene
Concen: 0.427 ng
RT: 23.19 min Scan# 2008
Delta R.T. 0.00 min
Lab File: BE099597.D
Acq: 10 May 2019 11:01

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:252 Resp: 24405

Ion	Ratio	Lower	Upper
252	100		
253	23.7	18.6	28.0
125	12.7	6.0	9.0#

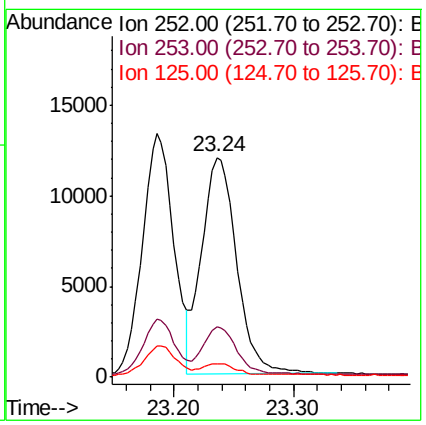


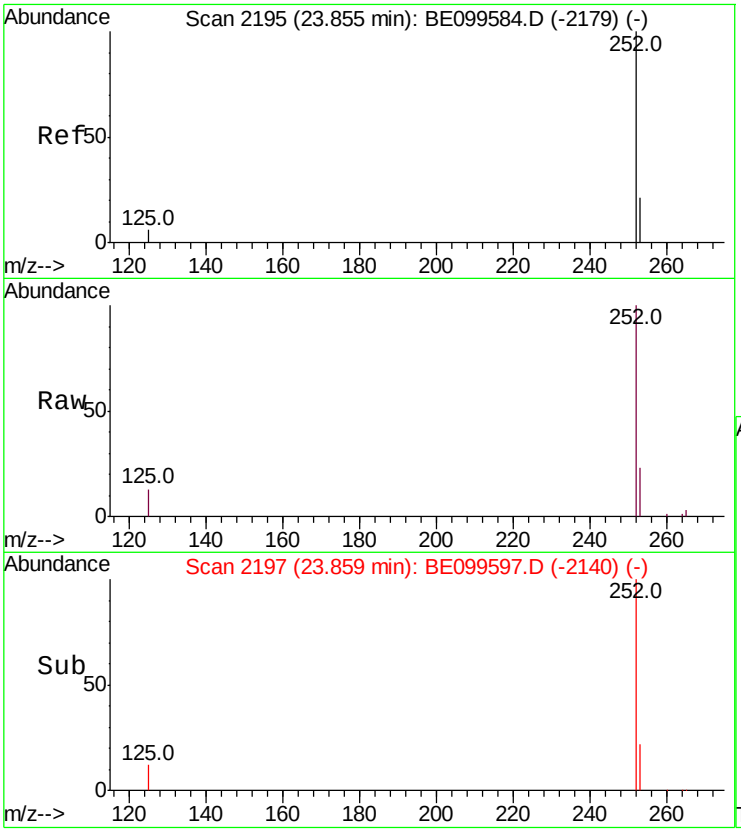


#36
Benzo(k)fluoranthene
Concen: 0.431 ng
RT: 23.24 min Scan# 2022
Delta R.T. 0.00 min
Lab File: BE099597.D
Acq: 10 May 2019 11:01

Tgt Ion:252 Resp: 24457

Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.7	28.1
125	5.8	5.1	7.7



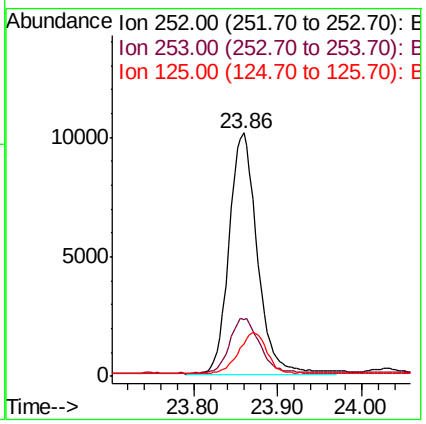


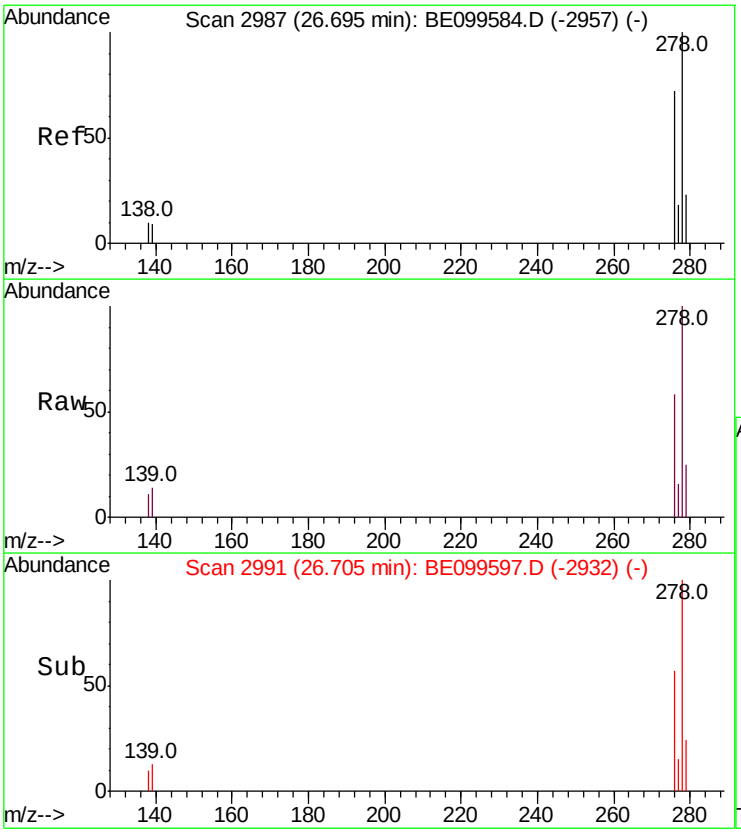
#37
Benzo(a)pyrene
Concen: 0.427 ng
RT: 23.86 min Scan# 2197
Delta R.T. 0.00 min
Lab File: BE099597.D
Acq: 10 May 2019 11:01

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:252 Resp: 23605

Ion	Ratio	Lower	Upper
252	100		
253	23.4	18.6	27.8
125	13.4	6.4	9.6#

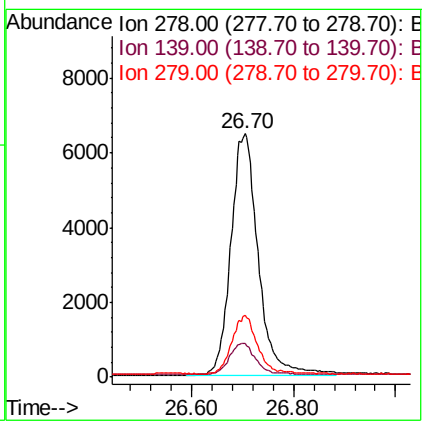


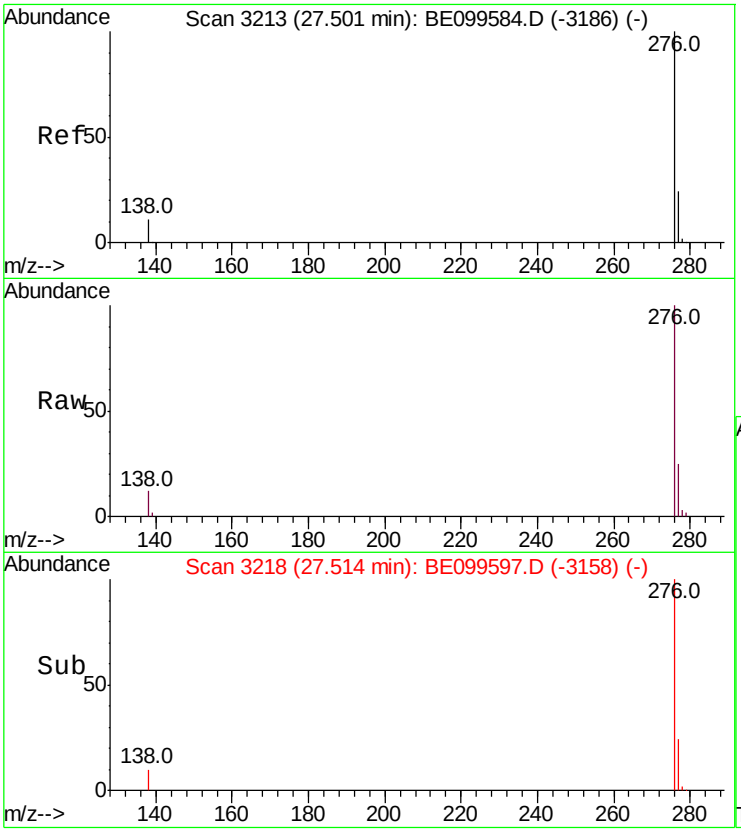


#38
Dibenzo(a,h)anthracene
Concen: 0.415 ng
RT: 26.70 min Scan# 2991
Delta R.T. 0.01 min
Lab File: BE099597.D
Acq: 10 May 2019 11:01

Tgt Ion:278 Resp: 24020

Ion	Ratio	Lower	Upper
278	100		
139	13.9	8.3	12.5#
279	25.2	19.4	29.2





#39
Benzo(g,h,i)perylene
Concen: 0.412 ng
RT: 27.51 min Scan# 3218
Delta R.T. 0.01 min
Lab File: BE099597.D
Acq: 10 May 2019 11:01

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:276 Resp: 24114

Ion	Ratio	Lower	Upper
276	100		
277	24.6	19.8	29.6
138	11.6	9.4	14.2