Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE050619\
Data File : BE099548.D
Acq On : 6 May 2019 12:27
Operator : JU/SJ
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDCCC0.4

Quant Time: May 07 08:10:38 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE042919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 07 08:07:29 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	3366	0.40	ng		0.00
7) Naphthalene-d8	10.63	136	11964	0.40	ng		0.00
13) Acenaphthene-d10	14.50	164	7960	0.40	ng		0.00
19) Phenanthrene-d10	17.24	188	22600	0.40	ng		0.00
27) Chrysene-d12	21.44	240	32332	0.40	ng		0.00
34) Perylene-d12	23.99	264	41391	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.39	112	3962	0.43	ng		0.00
5) Phenol-d6	6.98	99	5422	0.44	ng		0.00
8) Nitrobenzene-d5	8.98	82	5094	0.45	ng		0.00
11) 2-Methylnaphthalene-d10	12.24	152	8318	0.39	ng		0.00
14) 2,4,6-Tribromophenol	15.98	330	2487	0.50	ng		0.00
15) 2-Fluorobiphenyl	13.12	172	12912	0.43	ng		0.00
25) Fluoranthene-d10	19.28	212	125131	0.41	ng		0.00
29) Terphenyl-d14	19.87	244	26505	0.45	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.30	88	1687	0.364	ng		96
3) n-Nitrosodimethylamine	3.63	42	1365	0.489	ng	#	87
6) bis(2-Chloroethyl)ether	7.24	93	4212	0.394	ng		97
9) Naphthalene	10.68	128	52680	0.404	ng		100
10) Hexachlorobutadiene	10.95	225	3891	0.429	ng		98
12) 2-Methylnaphthalene	12.31	142	8891	0.392	ng		92
16) Acenaphthylene	14.21	152	16138	0.414	ng		99
17) Acenaphthene	14.56	154	8969	0.403	ng		99
18) Fluorene	15.54	166	12947	0.395	ng		99
20) 4-Bromophenyl-phenylether	16.44	248	5412	0.411	ng	#	86
21) Hexachlorobenzene	16.55	284	5160	0.411	ng		99
22) Pentachlorophenol	16.89	266	3045	0.619	ng		99
23) Phenanthrene	17.28	178	23739	0.407	ng		100
24) Anthracene	17.38	178	22634	0.407	ng		99
26) Fluoranthene	19.31	202	35906	0.411	ng		99
28) Pyrene	19.67	202	38068	0.452	ng		99
30) Benzo(a)anthracene	21.41	228	46958	0.456	ng		98
31) Chrysene	21.47	228	46577	0.462	ng		98
32) Bis(2-ethylhexyl)phthalate	21.33	149	76480	0.455	ng		99
33) Indeno(1,2,3-cd)pyrene	26.69	276	61821	0.519	ng		99
35) Benzo(b)fluoranthene	23.25	252	47244	0.396	ng		99
36) Benzo(k)fluoranthene	23.25	252	47244	0.411	ng		100
37) Benzo(a)pyrene	23.87	252	47371	0.420	ng	#	96
38) Dibenzo(a,h)anthracene	26.73	278	50406	0.437	ng	#	96
39) Benzo(g,h,i)perylene	27.53	276	50581	0.437	ng		99

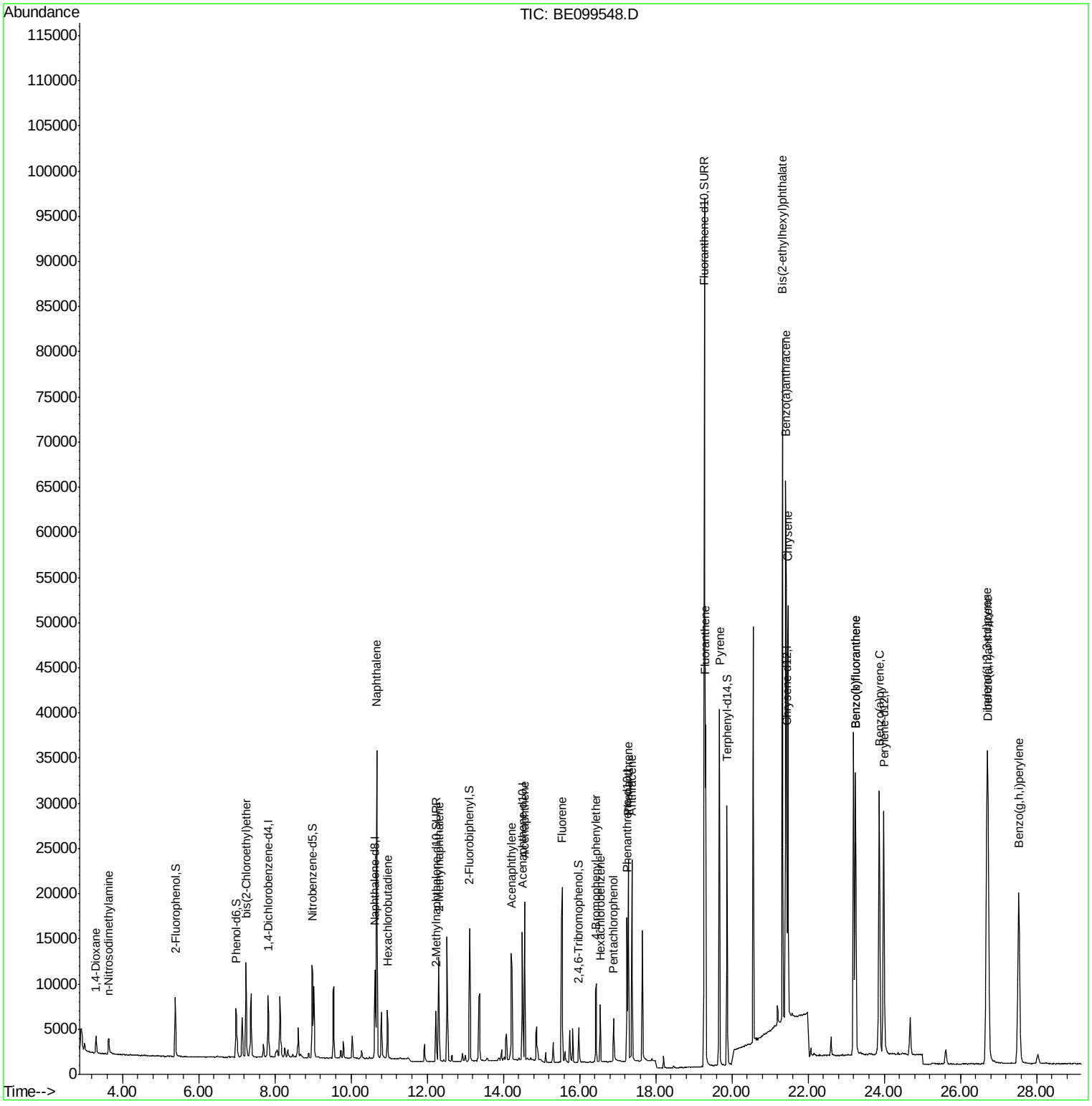
(#) = qualifier out of range (m) = manual integration (+) = signals summed

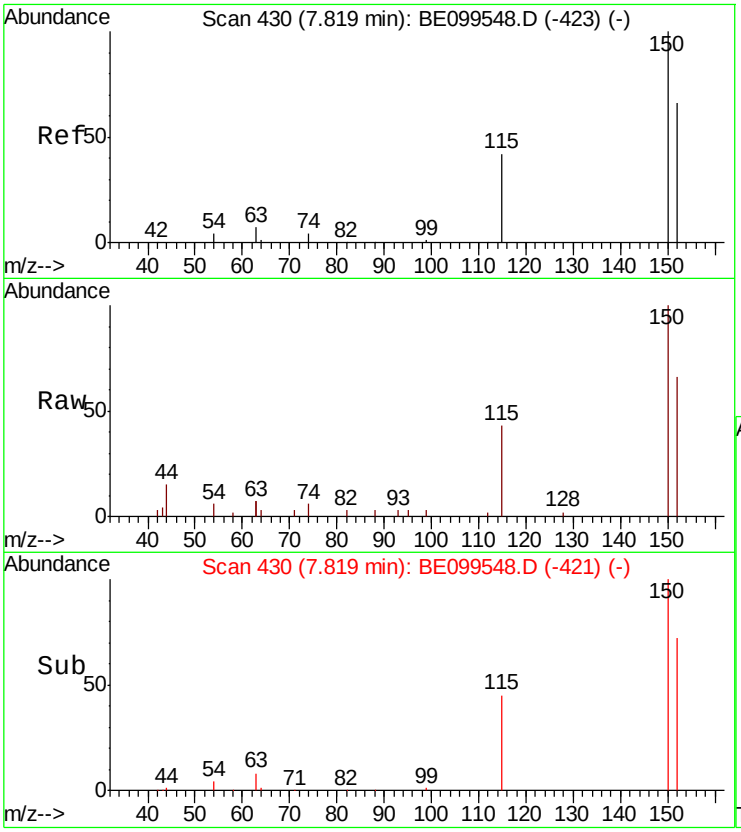
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE050619\
Data File : BE099548.D
Acq On : 6 May 2019 12:27
Operator : JU/SJ
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDCCC0.4

Quant Time: May 07 08:10:38 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE042919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 07 08:07:29 2019
Response via : Initial Calibration



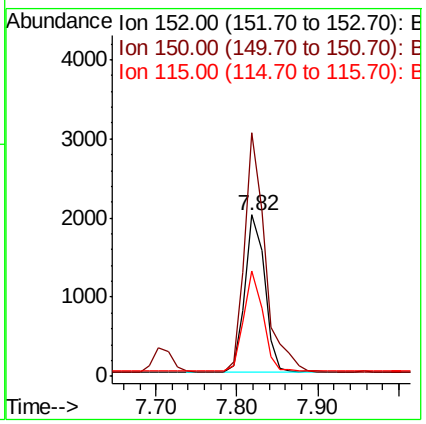


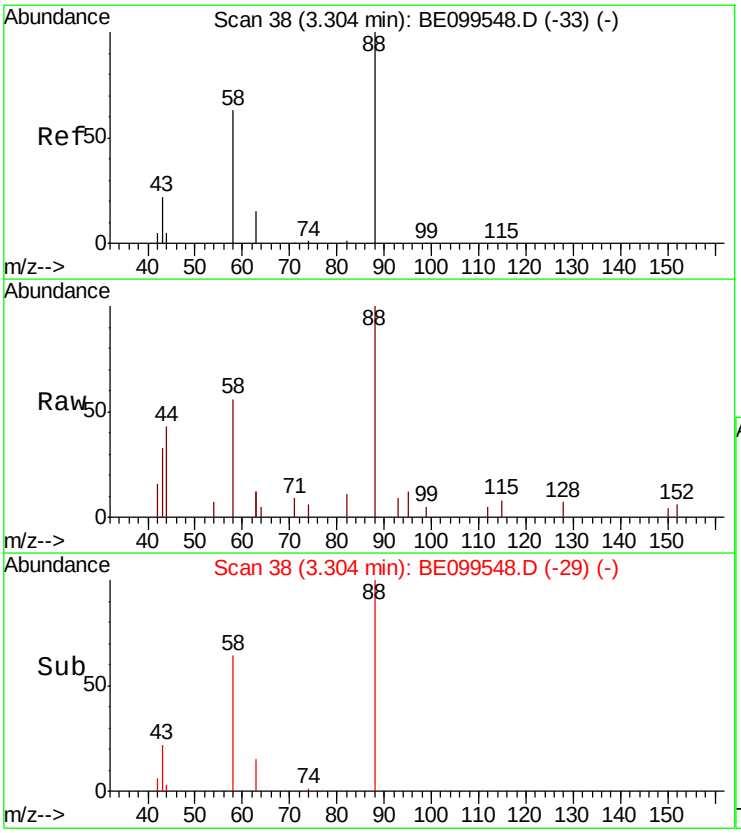
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.82 min Scan# 430
Delta R.T. 0.00 min
Lab File: BE099548.D
Acq: 6 May 2019 12:27

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:152 Resp: 3366

Ion	Ratio	Lower	Upper
152	100		
150	151.0	104.8	157.2
115	65.2	46.6	69.8

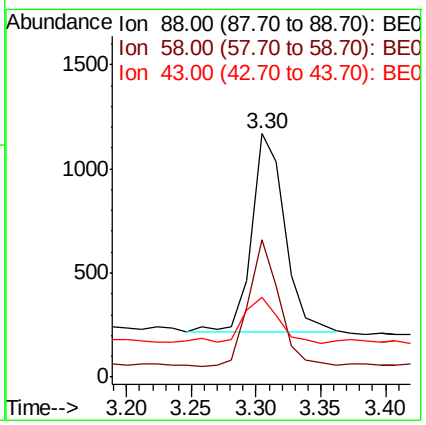


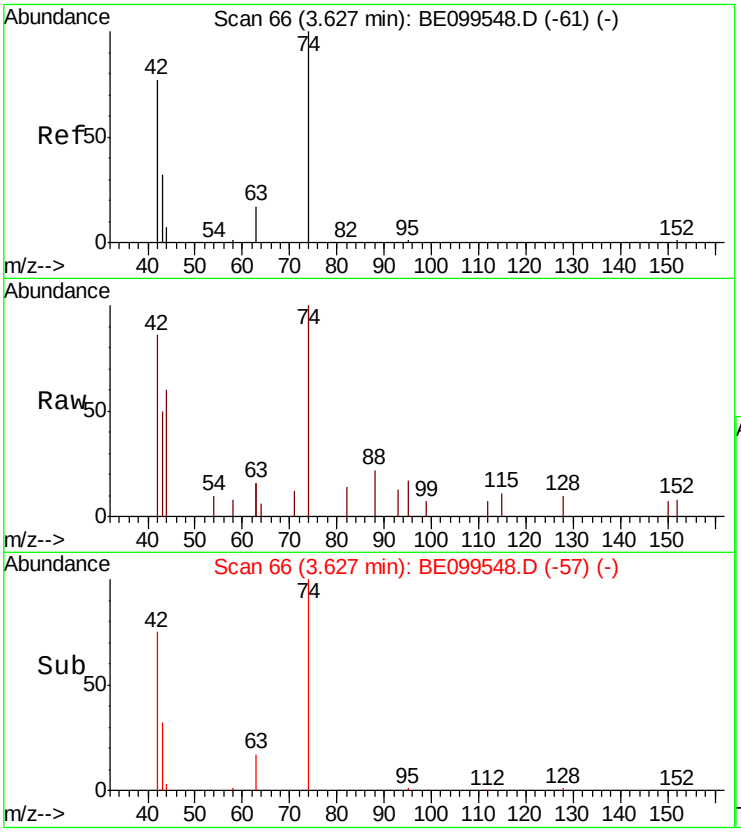


#2
1,4-Dioxane
Concen: 0.364 ng
RT: 3.30 min Scan# 38
Delta R.T. 0.00 min
Lab File: BE099548.D
Acq: 6 May 2019 12:27

Tgt Ion: 88 Resp: 1687

Ion	Ratio	Lower	Upper
88	100		
58	59.7	51.0	76.6
43	25.7	20.6	30.8



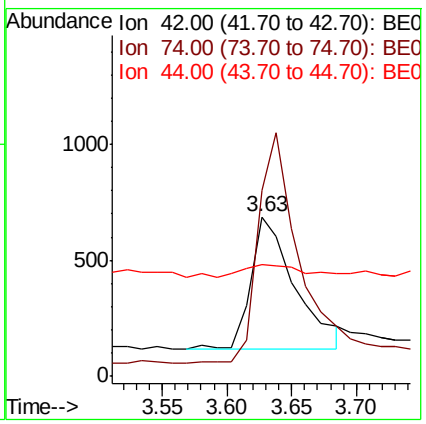


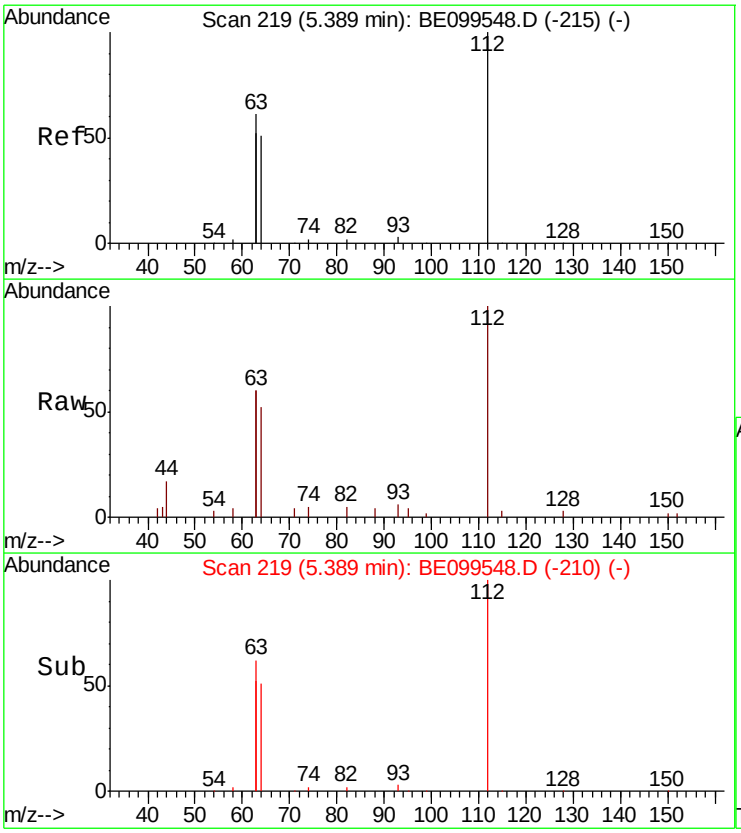
#3
n-Nitrosodimethylamine
Concen: 0.489 ng
RT: 3.63 min Scan# 66
Delta R.T. 0.00 min
Lab File: BE099548.D
Acq: 6 May 2019 12:27

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 42 Resp: 1365

Ion	Ratio	Lower	Upper
42	100		
74	159.3	141.6	212.4
44	13.5	0.0	0.0#

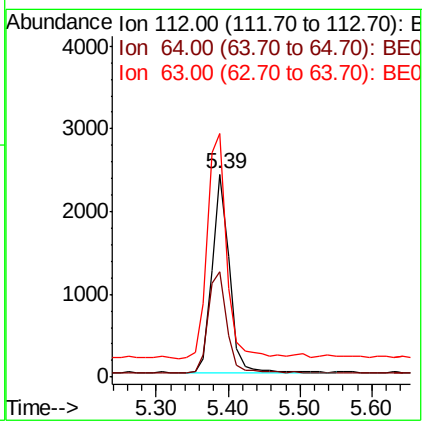


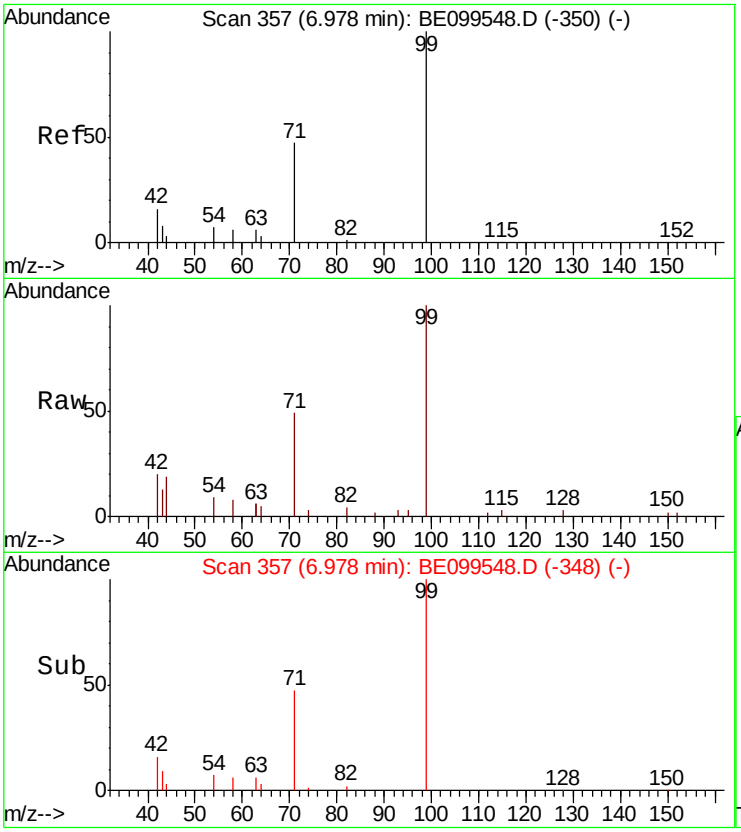


#4
2-Fluorophenol
Concen: 0.426 ng
RT: 5.39 min Scan# 219
Delta R.T. 0.00 min
Lab File: BE099548.D
Acq: 6 May 2019 12:27

Tgt Ion:112 Resp: 3962

Ion	Ratio	Lower	Upper
112	100		
64	56.5	47.4	71.0
63	125.6	104.3	156.5



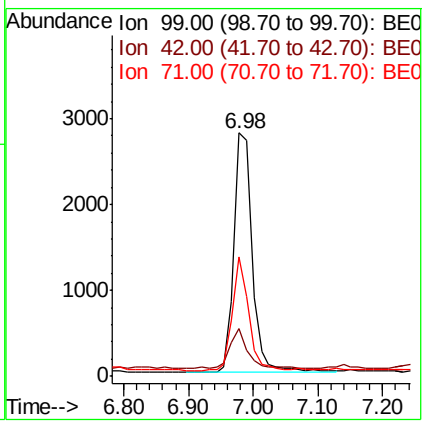


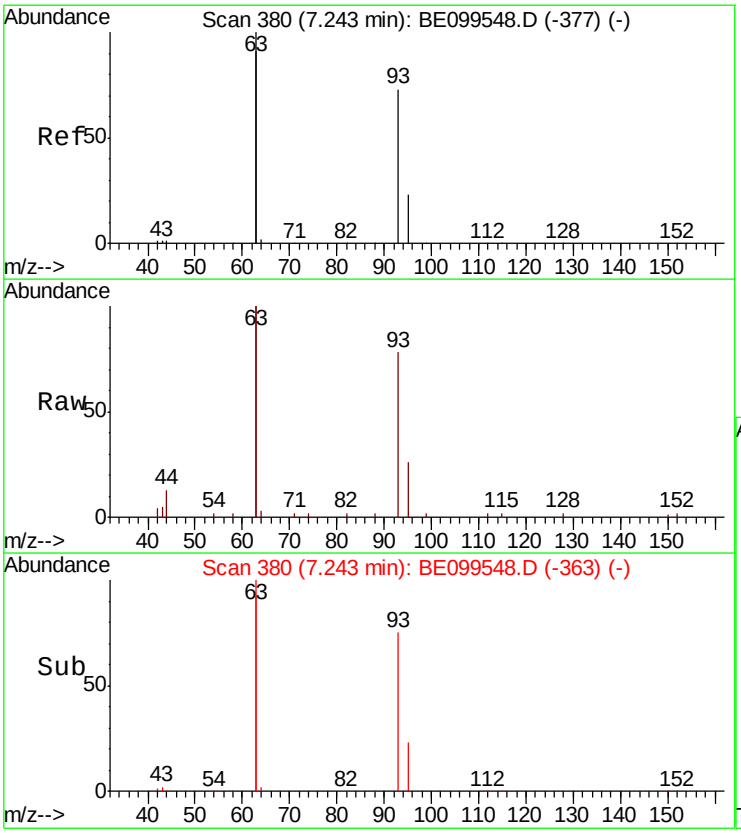
#5
Phenol-d6
Concen: 0.438 ng
RT: 6.98 min Scan# 357
Delta R.T. 0.00 min
Lab File: BE099548.D
Acq: 6 May 2019 12:27

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 99 Resp: 5422

Ion	Ratio	Lower	Upper
99	100		
42	16.2	14.9	22.3
71	42.2	33.0	49.6

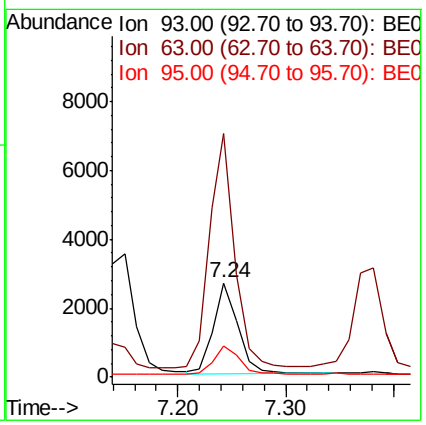


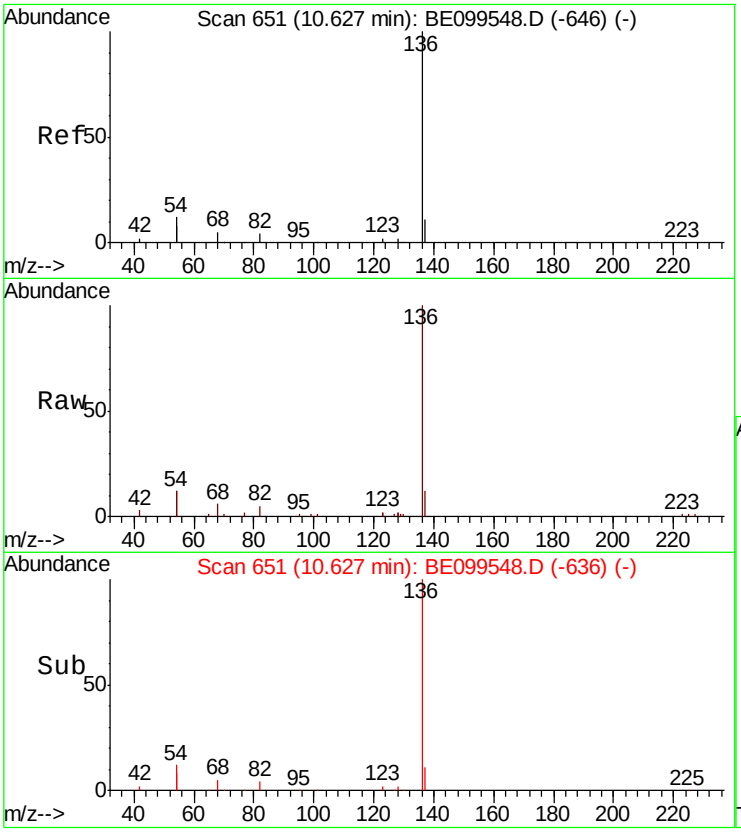


#6
bis(2-Chloroethyl)ether
Concen: 0.394 ng
RT: 7.24 min Scan# 380
Delta R.T. 0.00 min
Lab File: BE099548.D
Acq: 6 May 2019 12:27

Tgt Ion: 93 Resp: 4212

Ion	Ratio	Lower	Upper
93	100		
63	263.6	215.6	323.4
95	32.0	26.2	39.2



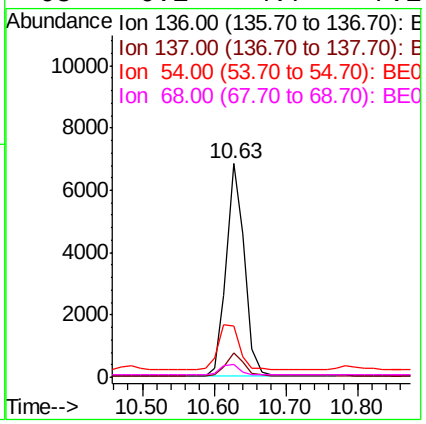


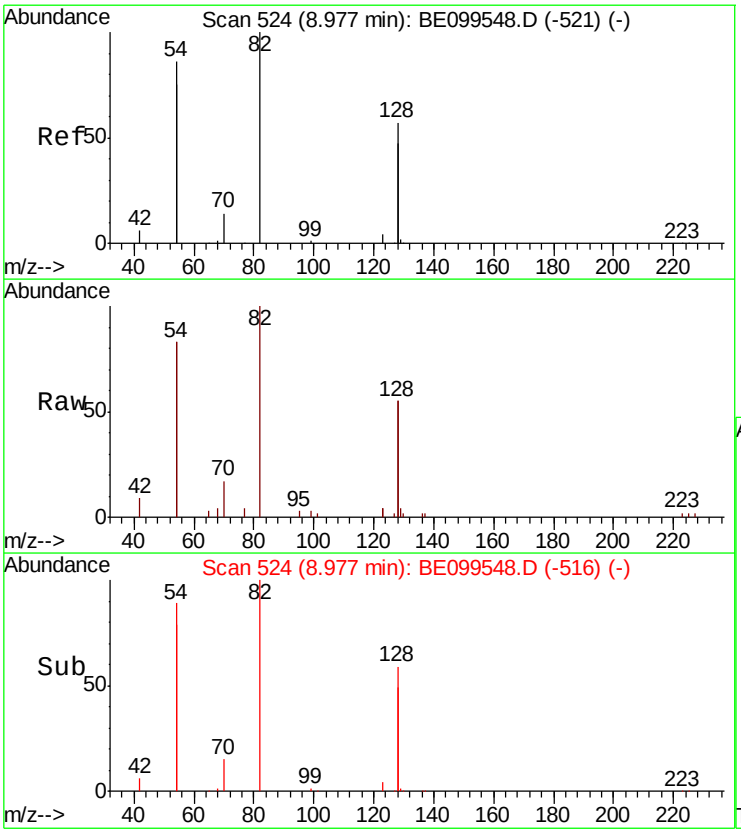
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.63 min Scan# 651
Delta R.T. 0.00 min
Lab File: BE099548.D
Acq: 6 May 2019 12:27

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:136 Resp: 11964

Ion	Ratio	Lower	Upper
136	100		
137	11.7	9.8	14.8
54	24.2	18.5	27.7
68	6.1	4.7	7.1

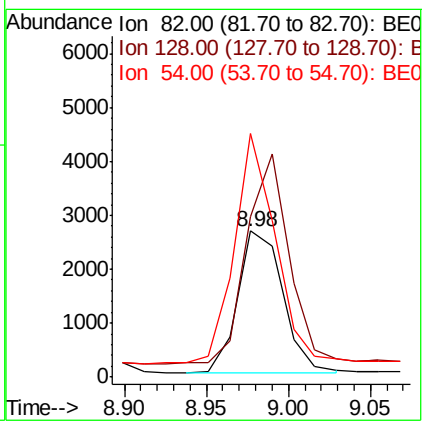


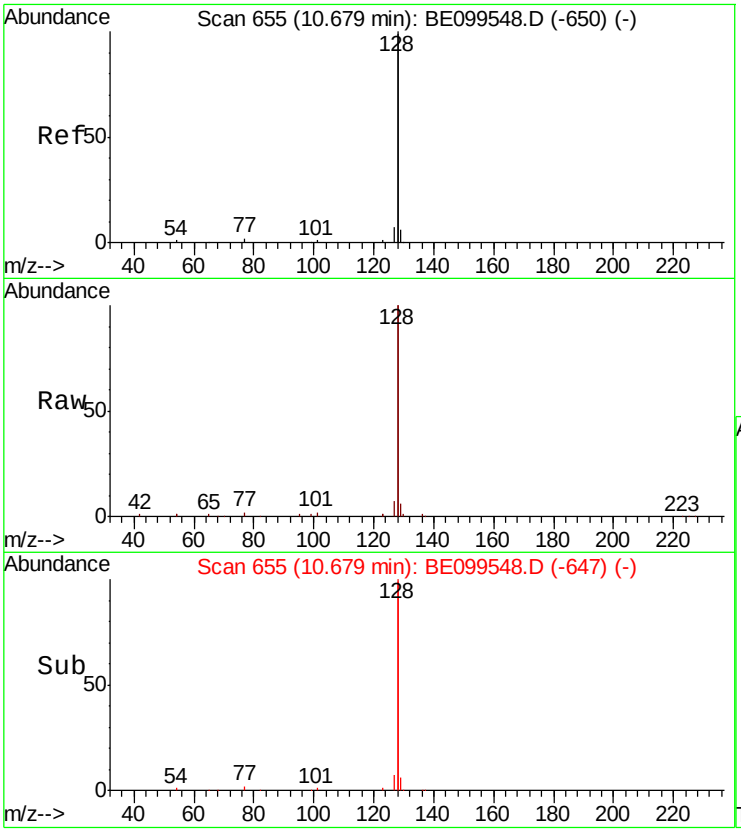


#8
Nitrobenzene-d5
Concen: 0.454 ng
RT: 8.98 min Scan# 524
Delta R.T. 0.00 min
Lab File: BE099548.D
Acq: 6 May 2019 12:27

Tgt Ion: 82 Resp: 5094

Ion	Ratio	Lower	Upper
82	100		
128	110.1	107.0	160.4
54	166.6	113.1	169.7



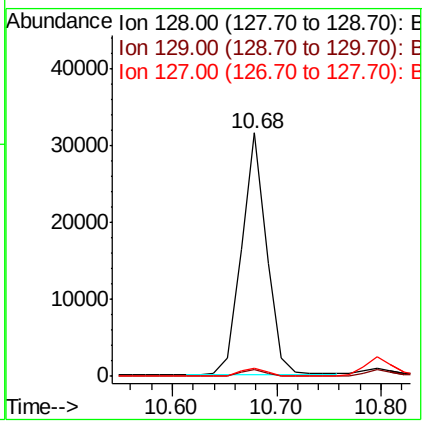


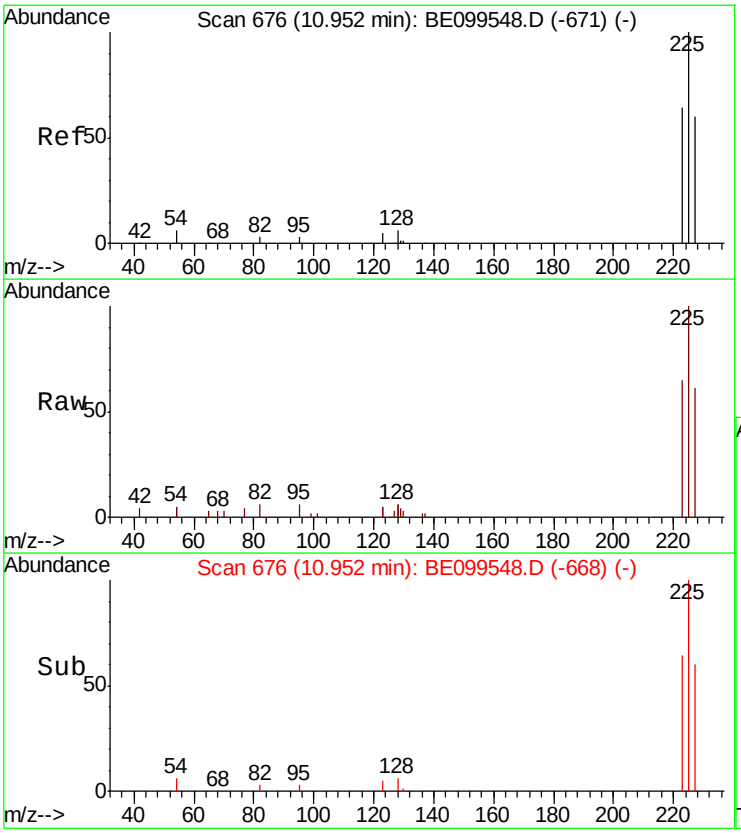
#9
Naphthalene
Concen: 0.404 ng
RT: 10.68 min Scan# 655
Delta R.T. 0.00 min
Lab File: BE099548.D
Acq: 6 May 2019 12:27

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:128 Resp: 52680

Ion	Ratio	Lower	Upper
128	100		
129	3.0	2.4	3.6
127	3.4	2.8	4.2

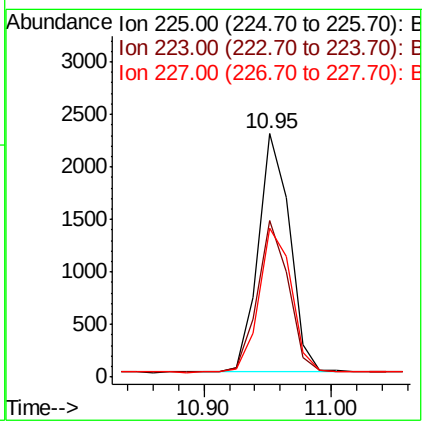


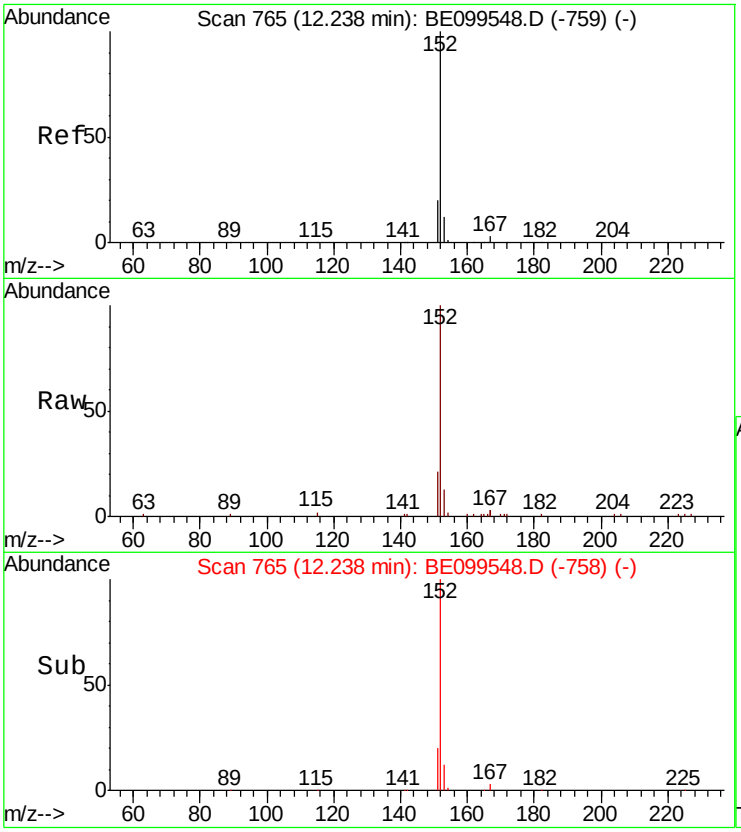


#10
Hexachlorobutadiene
Concen: 0.429 ng
RT: 10.95 min Scan# 676
Delta R.T. 0.00 min
Lab File: BE099548.D
Acq: 6 May 2019 12:27

Tgt Ion:225 Resp: 3891

Ion	Ratio	Lower	Upper
225	100		
223	62.0	51.0	76.6
227	62.1	50.9	76.3



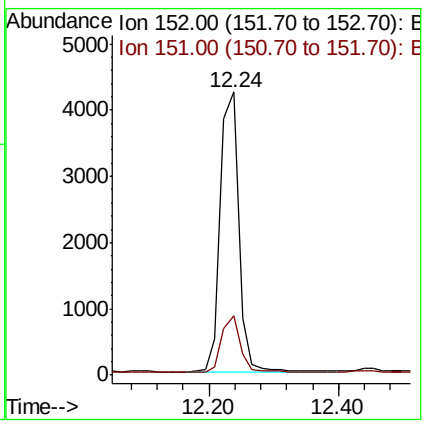


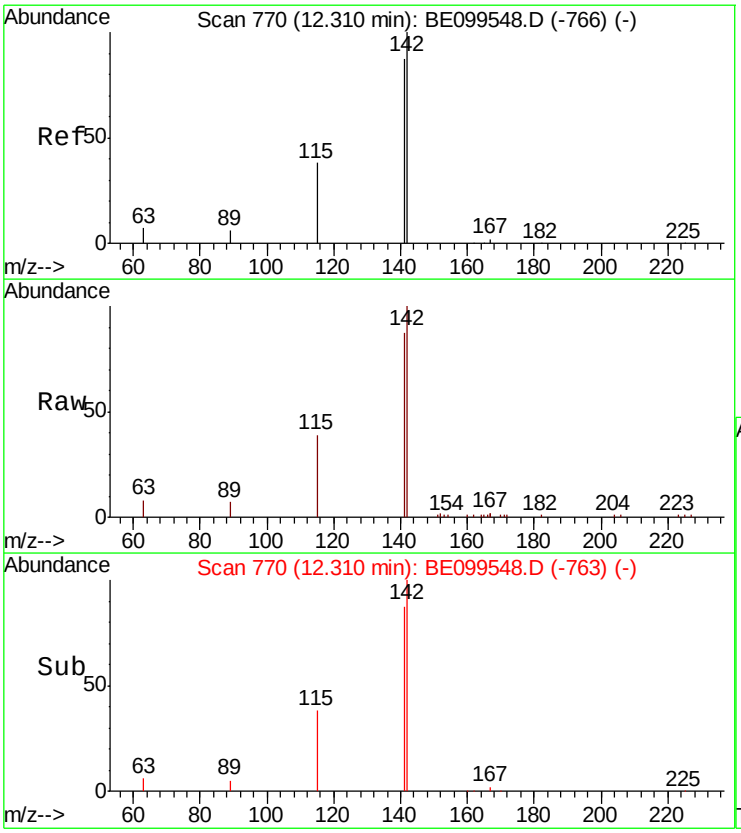
#11
2-Methylnaphthalene-d10
Concen: 0.386 ng
RT: 12.24 min Scan# 765
Delta R.T. 0.00 min
Lab File: BE099548.D
Acq: 6 May 2019 12:27

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:152 Resp: 8318

Ion	Ratio	Lower	Upper
152	100		
151	19.7	15.5	23.3

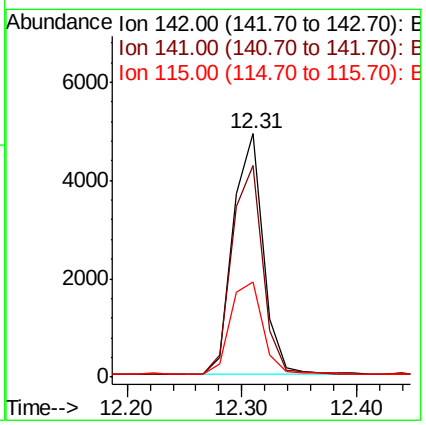


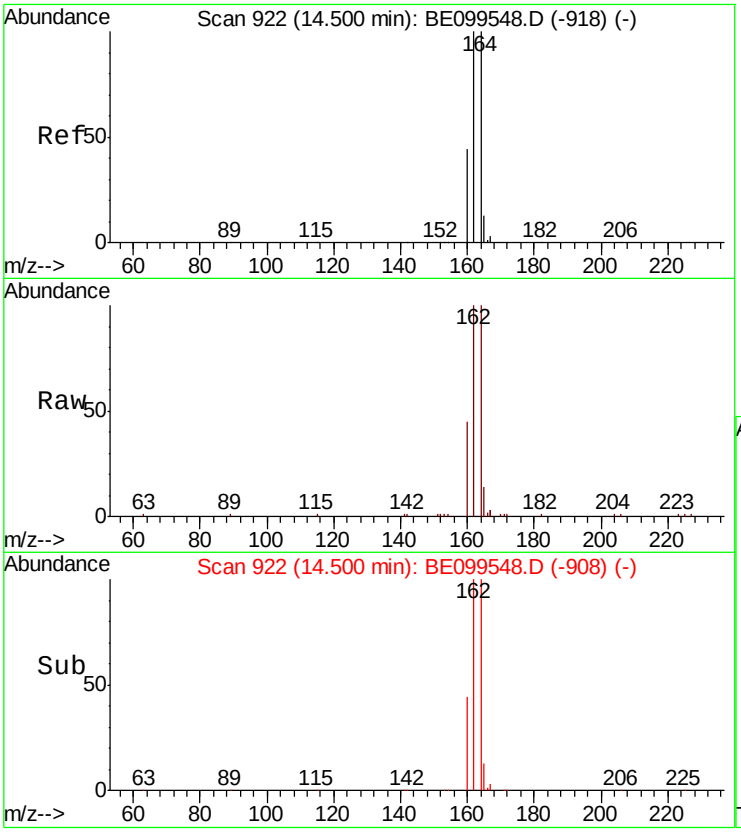


#12
2-Methylnaphthalene
Concen: 0.392 ng
RT: 12.31 min Scan# 770
Delta R.T. 0.00 min
Lab File: BE099548.D
Acq: 6 May 2019 12:27

Tgt Ion:142 Resp: 8891

Ion	Ratio	Lower	Upper
142	100		
141	86.8	77.0	115.4
115	39.2	33.4	50.0



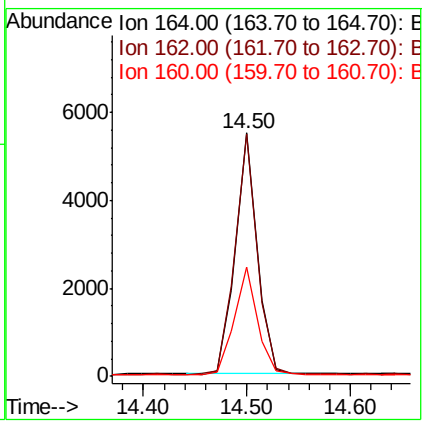


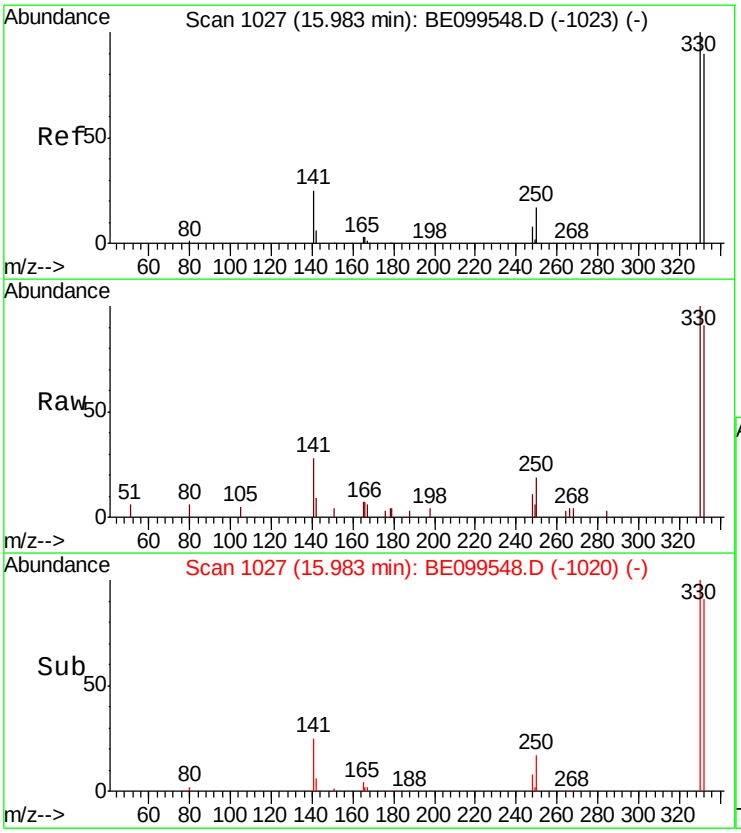
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.50 min Scan# 922
Delta R.T. 0.00 min
Lab File: BE099548.D
Acq: 6 May 2019 12:27

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:164 Resp: 7960

Ion	Ratio	Lower	Upper
164	100		
162	99.7	79.0	118.4
160	44.8	37.0	55.4

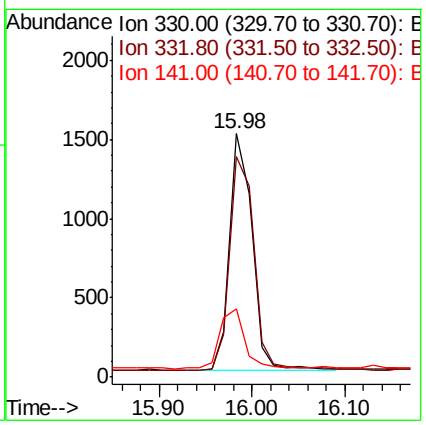


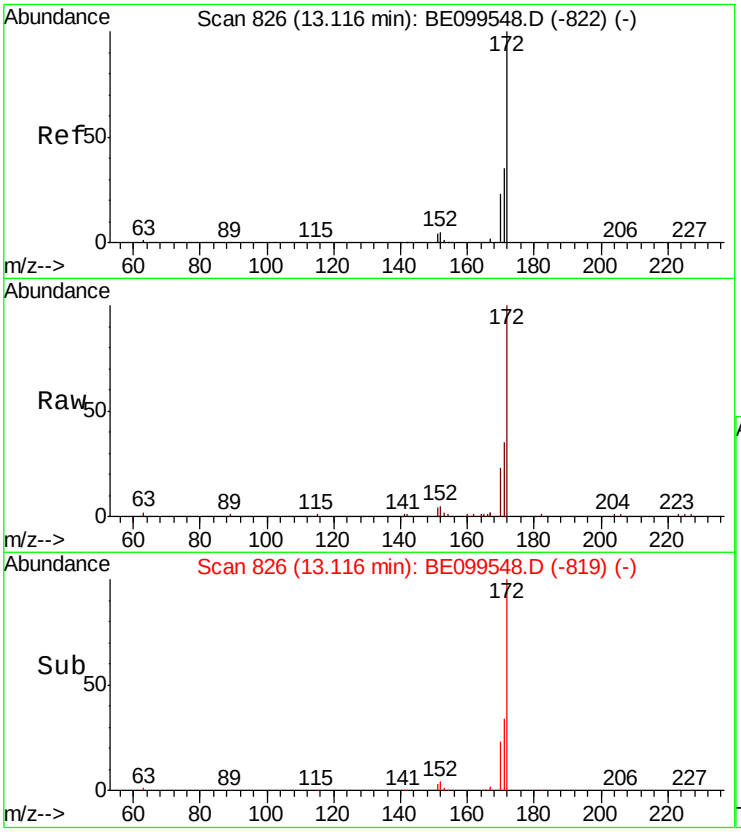


#14
2,4,6-Tribromophenol
Concen: 0.496 ng
RT: 15.98 min Scan# 1027
Delta R.T. 0.00 min
Lab File: BE099548.D
Acq: 6 May 2019 12:27

Tgt Ion:330 Resp: 2487

Ion	Ratio	Lower	Upper
330	100		
332	97.2	71.5	107.3
141	28.8	24.0	36.0



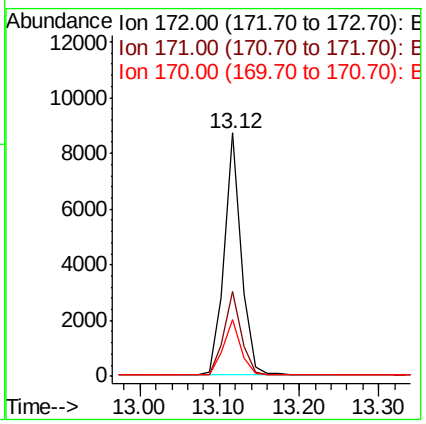


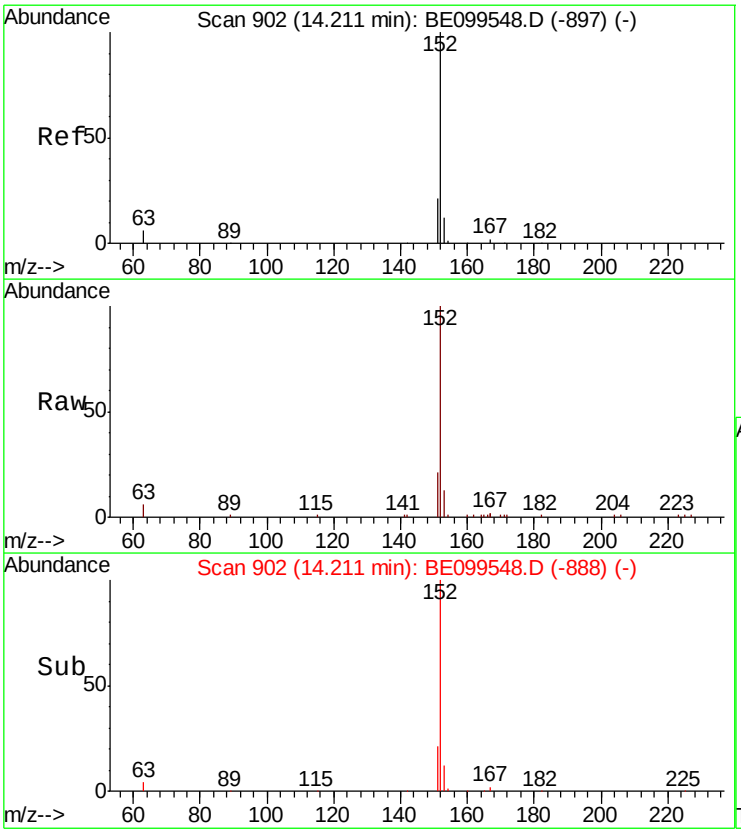
#15
2-Fluorobiphenyl
Concen: 0.425 ng
RT: 13.12 min Scan# 826
Delta R.T. 0.00 min
Lab File: BE099548.D
Acq: 6 May 2019 12:27

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:172 Resp: 12912

Ion	Ratio	Lower	Upper
172	100		
171	35.0	26.6	39.8
170	23.2	17.0	25.6

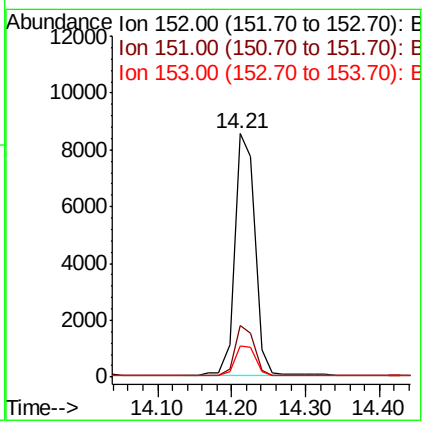


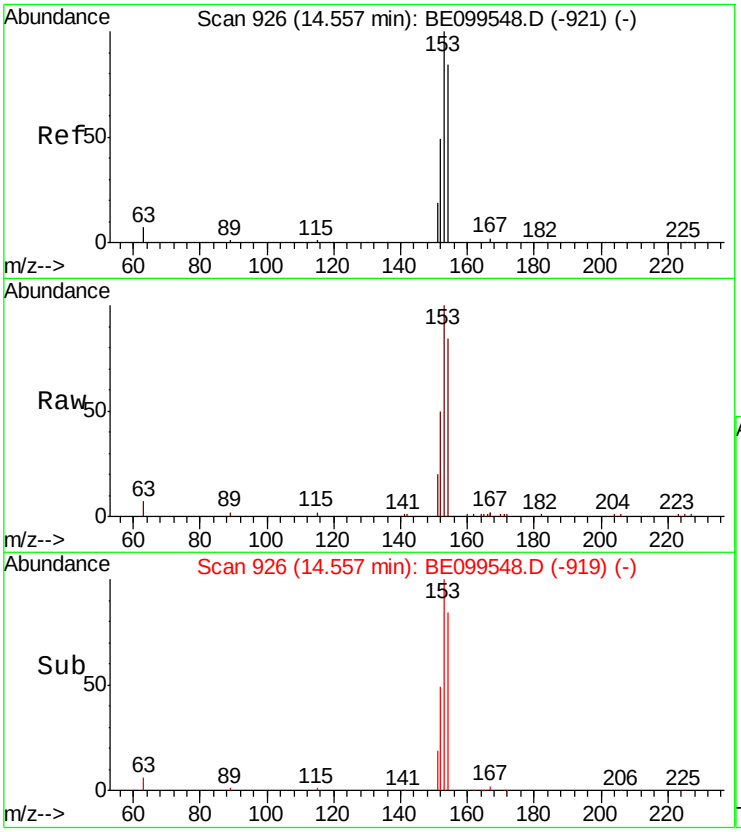


#16
Acenaphthylene
Concen: 0.414 ng
RT: 14.21 min Scan# 902
Delta R.T. 0.00 min
Lab File: BE099548.D
Acq: 6 May 2019 12:27

Tgt Ion:152 Resp: 16138

Ion	Ratio	Lower	Upper
152	100		
151	20.2	15.4	23.2
153	12.5	9.8	14.6



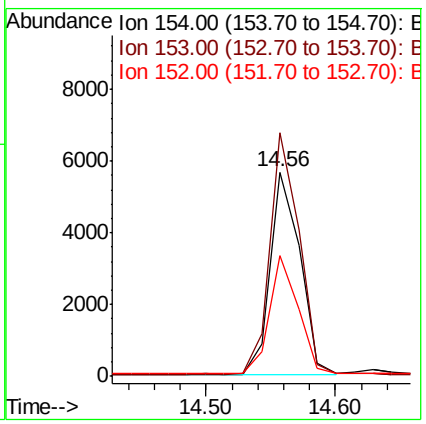


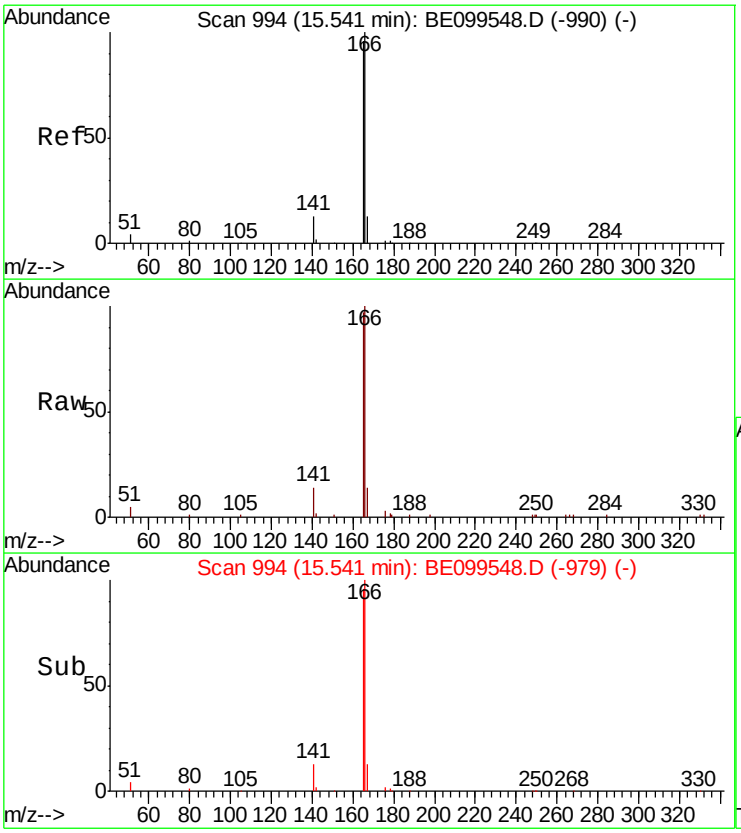
#17
Acenaphthene
Concen: 0.403 ng
RT: 14.56 min Scan# 926
Delta R.T. 0.00 min
Lab File: BE099548.D
Acq: 6 May 2019 12:27

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:154 Resp: 8969

Ion	Ratio	Lower	Upper
154	100		
153	117.6	92.6	138.8
152	56.8	45.8	68.8

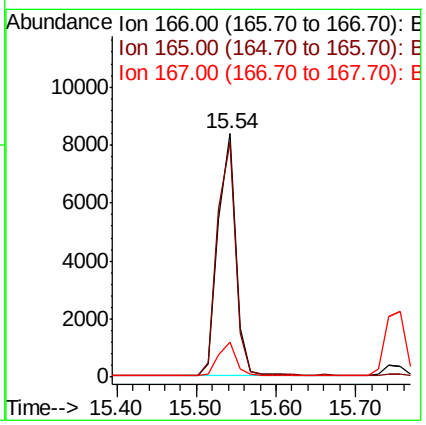


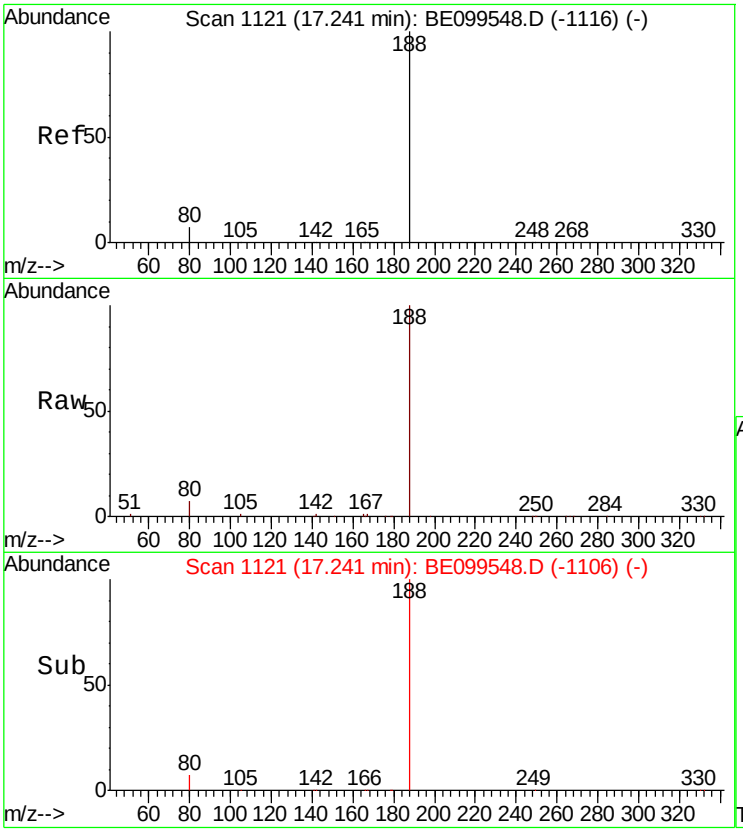


#18
Fluorene
Concen: 0.395 ng
RT: 15.54 min Scan# 994
Delta R.T. 0.00 min
Lab File: BE099548.D
Acq: 6 May 2019 12:27

Tgt Ion:166 Resp: 12947

Ion	Ratio	Lower	Upper
166	100		
165	99.4	80.3	120.5
167	13.3	10.7	16.1



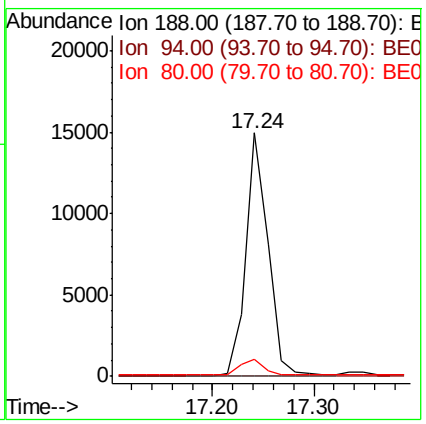


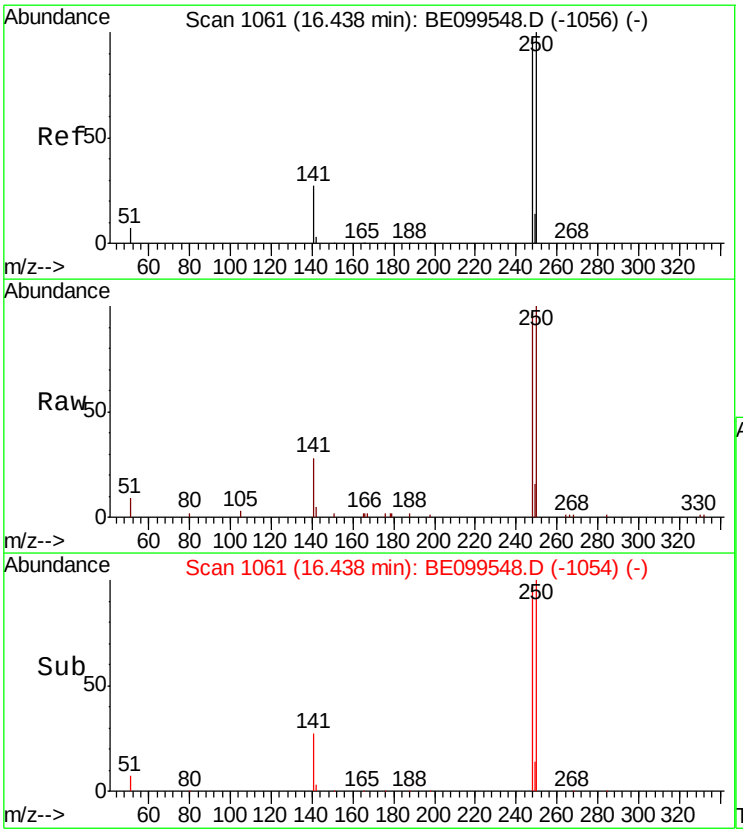
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.24 min Scan# 1121
Delta R.T. 0.00 min
Lab File: BE099548.D
Acq: 6 May 2019 12:27

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:188 Resp: 22600

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	7.2	6.7	10.1

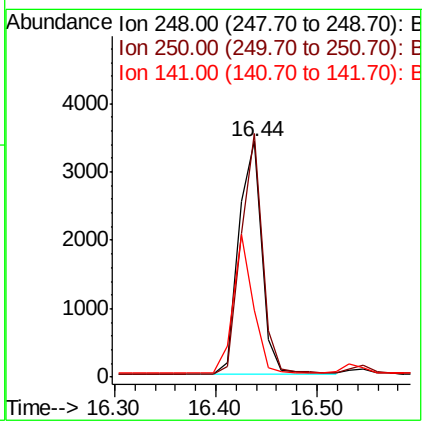


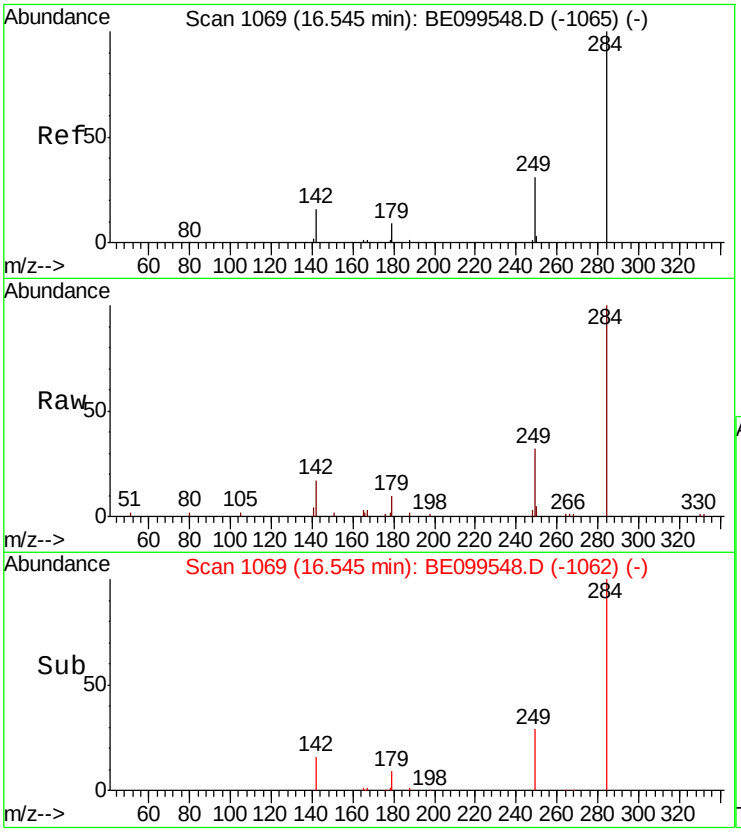


#20
4-Bromophenyl-phenylether
Concen: 0.411 ng
RT: 16.44 min Scan# 1061
Delta R.T. 0.00 min
Lab File: BE099548.D
Acq: 6 May 2019 12:27

Tgt Ion:248 Resp: 5412

Ion	Ratio	Lower	Upper
248	100		
250	103.3	75.8	113.8
141	28.7	35.7	53.5#



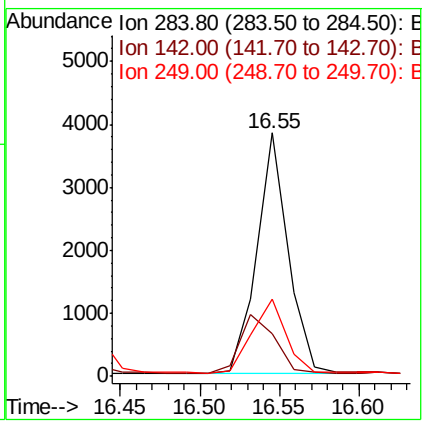


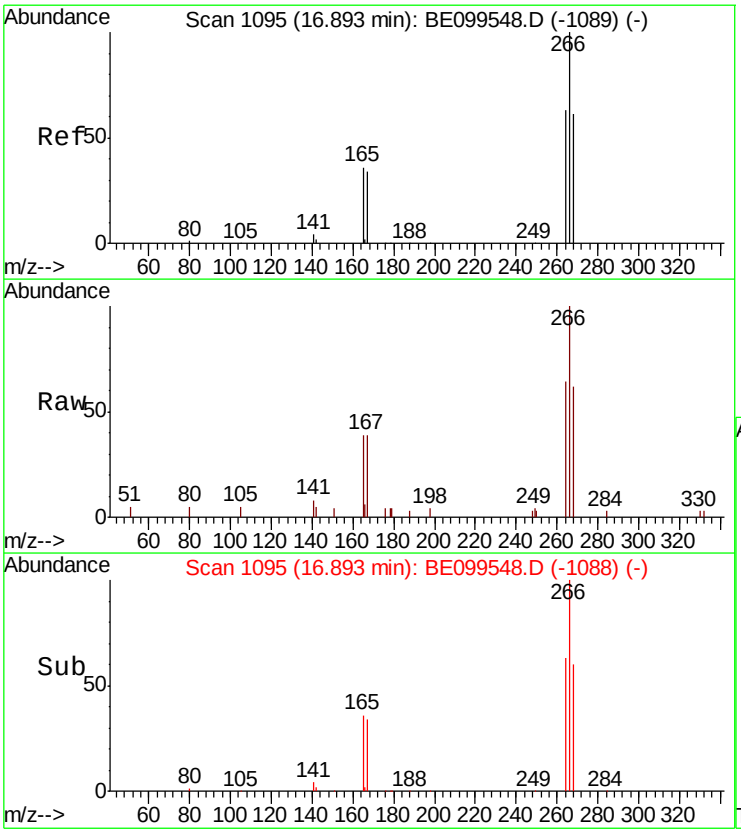
#21
Hexachlorobenzene
Concen: 0.411 ng
RT: 16.55 min Scan# 1069
Delta R.T. 0.00 min
Lab File: BE099548.D
Acq: 6 May 2019 12:27

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:284 Resp: 5160

Ion	Ratio	Lower	Upper
284	100		
142	27.3	21.0	31.6
249	33.2	26.7	40.1

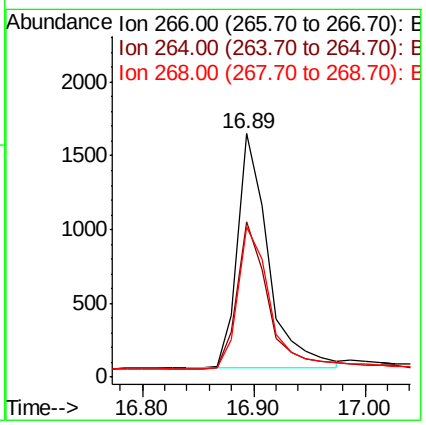


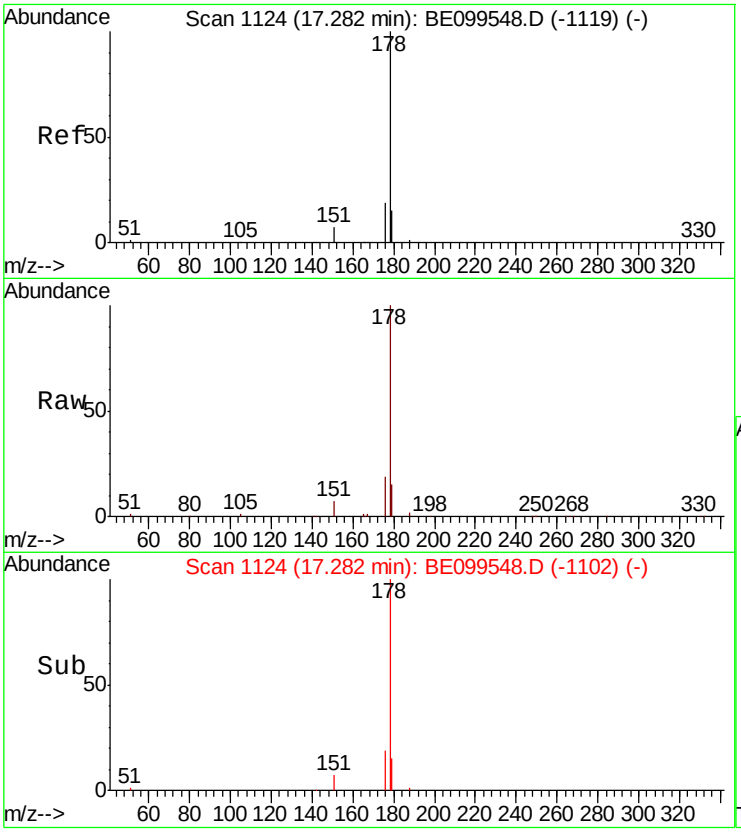


#22
Pentachlorophenol
Concen: 0.619 ng
RT: 16.89 min Scan# 1095
Delta R.T. 0.00 min
Lab File: BE099548.D
Acq: 6 May 2019 12:27

Tgt Ion:266 Resp: 3045

Ion	Ratio	Lower	Upper
266	100		
264	63.7	50.8	76.2
268	61.9	50.5	75.7



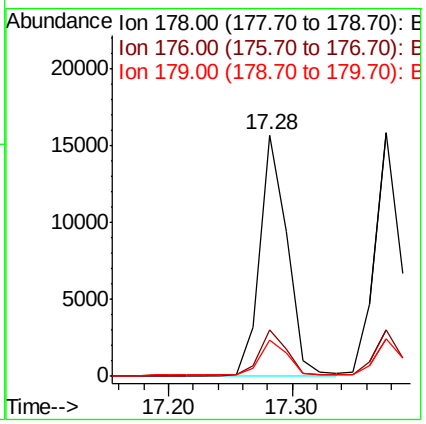


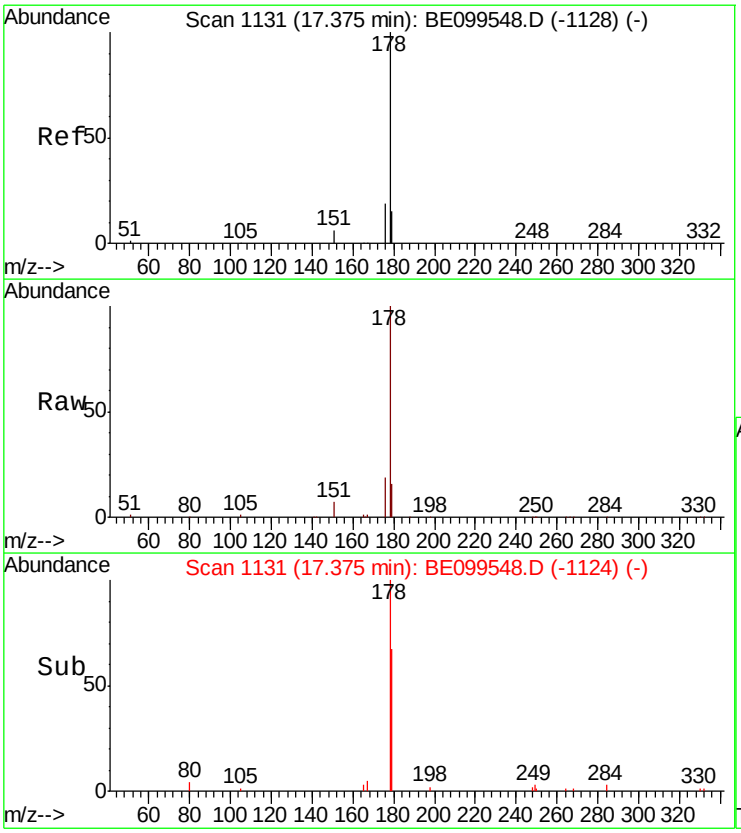
#23
Phenanthrene
Concen: 0.407 ng
RT: 17.28 min Scan# 1124
Delta R.T. 0.00 min
Lab File: BE099548.D
Acq: 6 May 2019 12:27

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:178 Resp: 23739

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.6	23.4
179	15.0	12.0	18.0

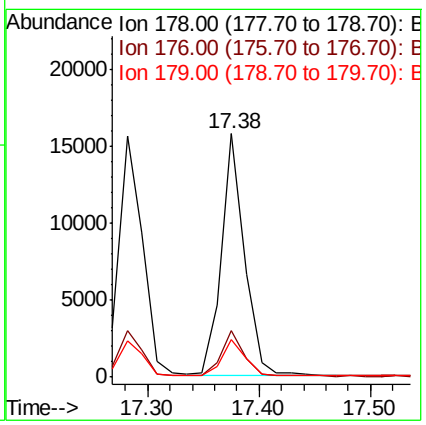


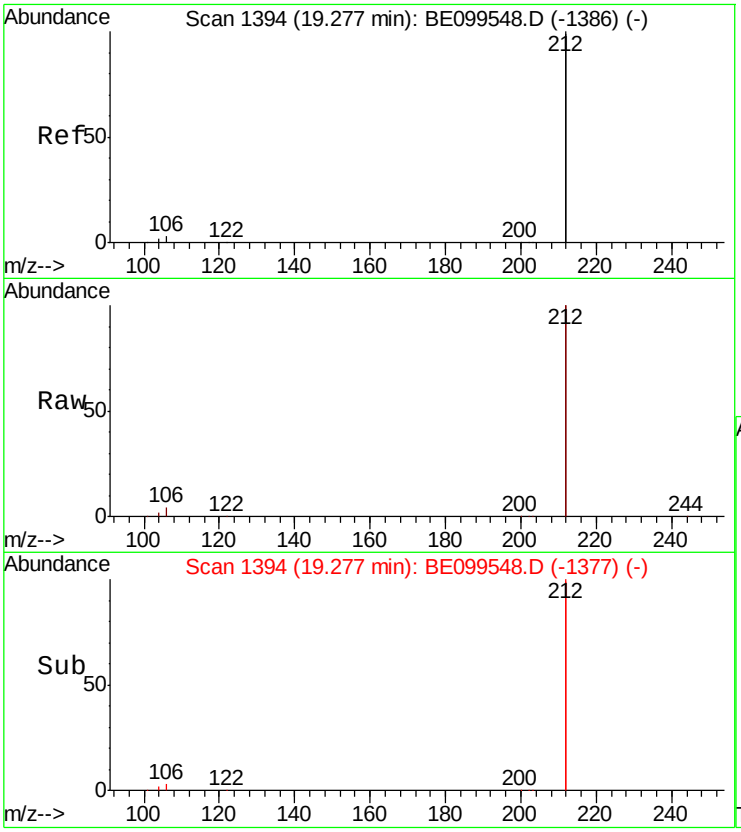


#24
Anthracene
Concen: 0.407 ng
RT: 17.38 min Scan# 1131
Delta R.T. 0.00 min
Lab File: BE099548.D
Acq: 6 May 2019 12:27

Tgt Ion:178 Resp: 22634

Ion	Ratio	Lower	Upper
178	100		
176	18.8	14.9	22.3
179	15.2	11.9	17.9



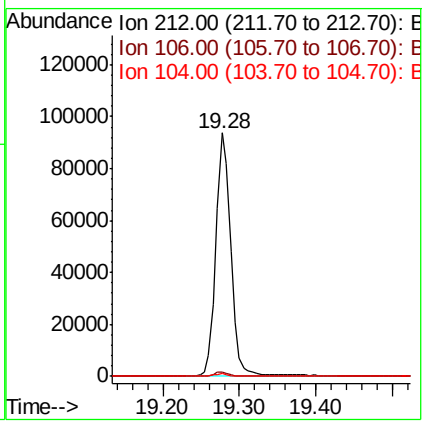


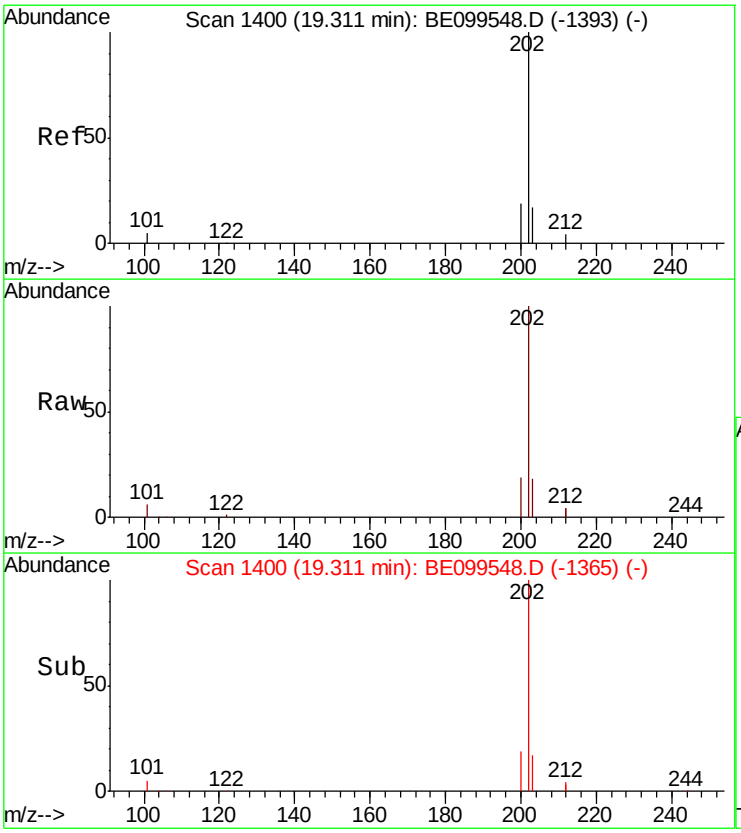
#25
Fluoranthene-d10
Concen: 0.411 ng
RT: 19.28 min Scan# 1394
Delta R.T. 0.00 min
Lab File: BE099548.D
Acq: 6 May 2019 12:27

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:212 Resp: 125131

Ion	Ratio	Lower	Upper
212	100		
106	1.7	1.5	2.3
104	1.0	0.9	1.3

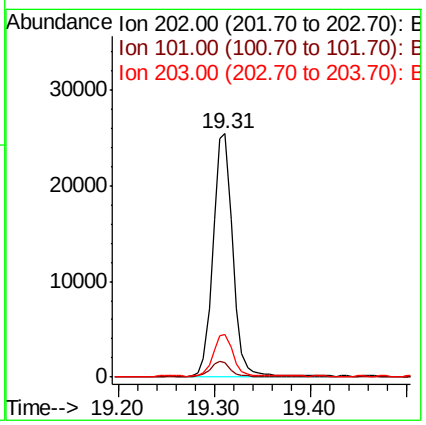


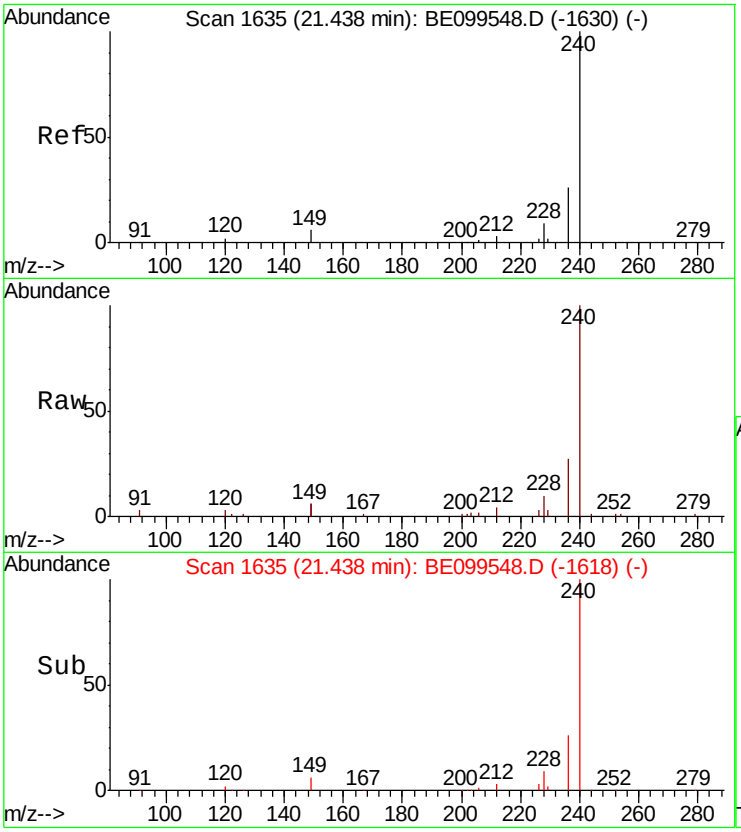


#26
Fluoranthene
Concen: 0.411 ng
RT: 19.31 min Scan# 1400
Delta R.T. 0.00 min
Lab File: BE099548.D
Acq: 6 May 2019 12:27

Tgt Ion:202 Resp: 35906

Ion	Ratio	Lower	Upper
202	100		
101	6.3	5.4	8.0
203	17.2	13.9	20.9



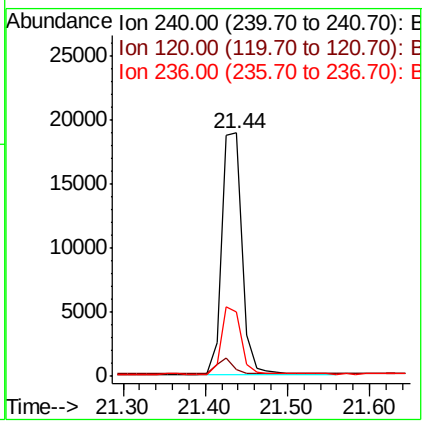


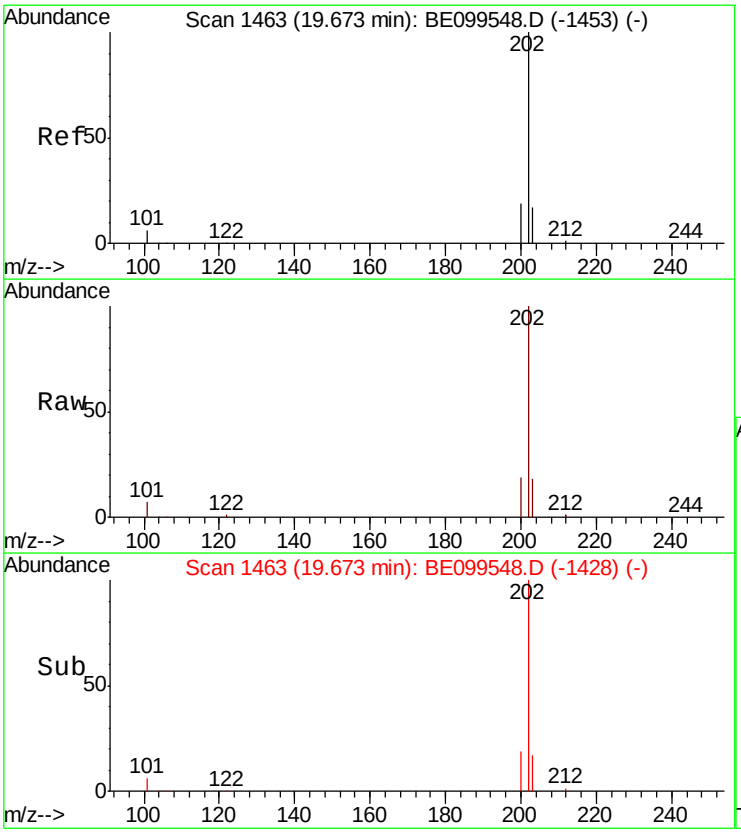
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.44 min Scan# 1635
Delta R.T. 0.00 min
Lab File: BE099548.D
Acq: 6 May 2019 12:27

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:240 Resp: 32332

Ion	Ratio	Lower	Upper
240	100		
120	2.7	4.0	6.0#
236	26.6	22.0	33.0

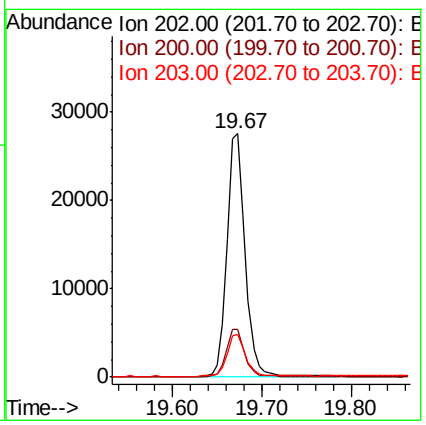


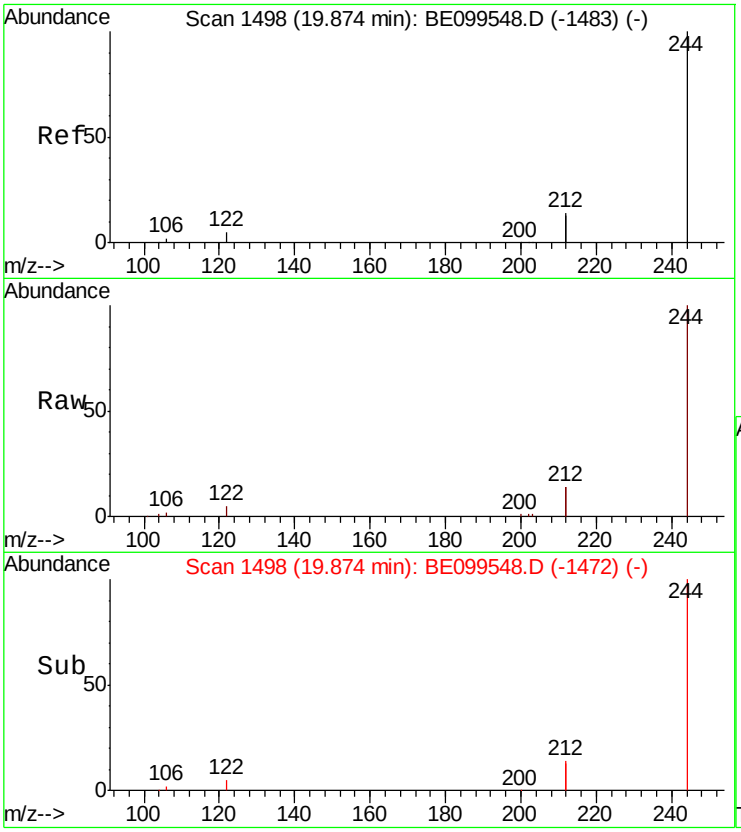


#28
Pyrene
Concen: 0.452 ng
RT: 19.67 min Scan# 1463
Delta R.T. 0.00 min
Lab File: BE099548.D
Acq: 6 May 2019 12:27

Tgt Ion:202 Resp: 38068

Ion	Ratio	Lower	Upper
202	100		
200	19.4	15.7	23.5
203	17.8	13.9	20.9



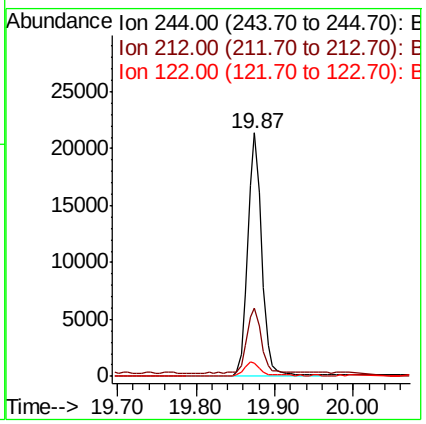


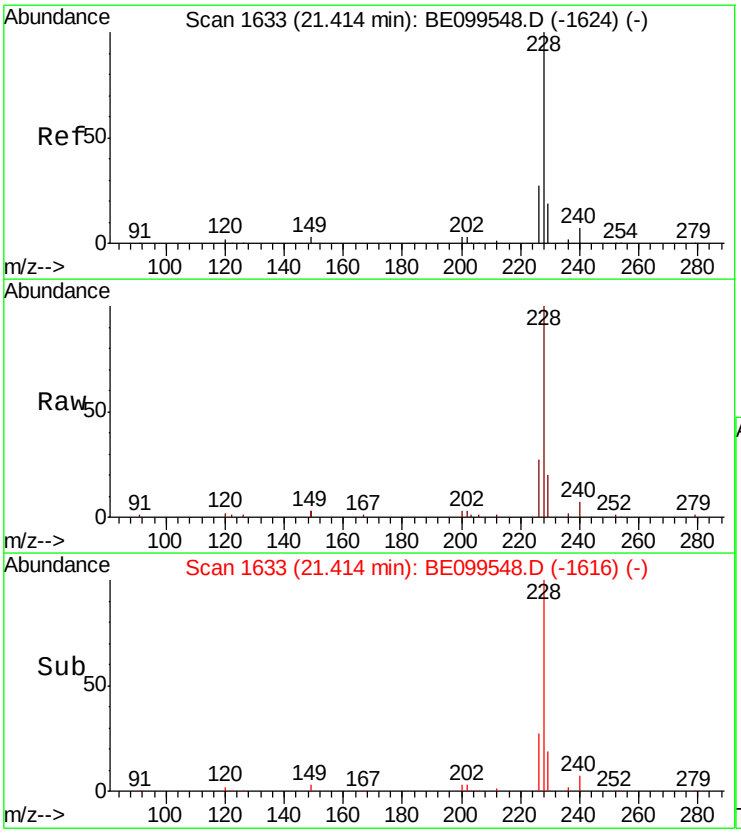
#29
Terphenyl-d14
Concen: 0.448 ng
RT: 19.87 min Scan# 1498
Delta R.T. 0.00 min
Lab File: BE099548.D
Acq: 6 May 2019 12:27

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:244 Resp: 26505

Ion	Ratio	Lower	Upper
244	100		
212	28.2	23.2	34.8
122	5.4	4.2	6.4

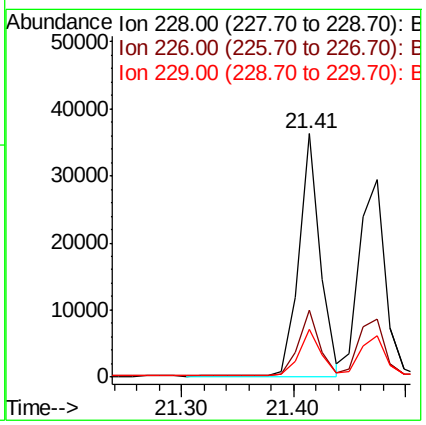


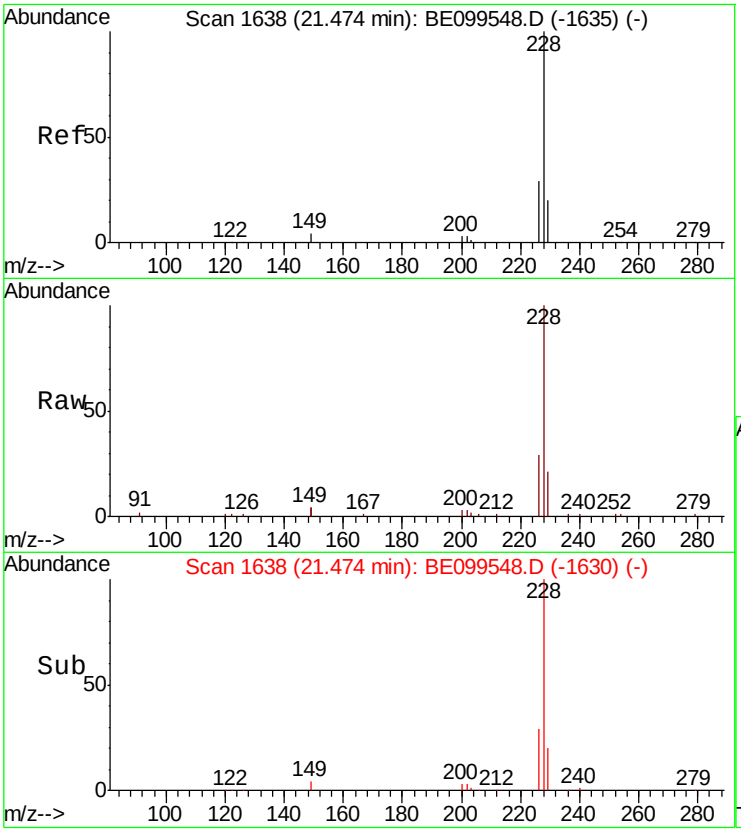


#30
Benzo(a)anthracene
Concen: 0.456 ng
RT: 21.41 min Scan# 1633
Delta R.T. 0.00 min
Lab File: BE099548.D
Acq: 6 May 2019 12:27

Tgt Ion:228 Resp: 46958

Ion	Ratio	Lower	Upper
228	100		
226	27.3	21.0	31.6
229	19.8	16.6	25.0



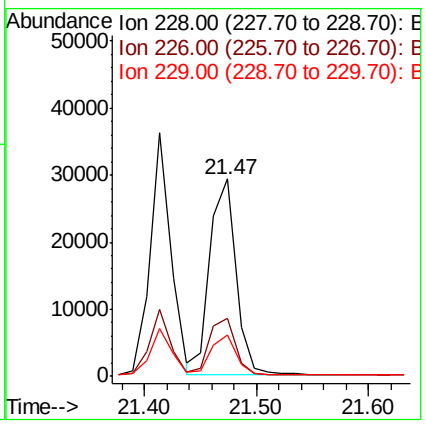


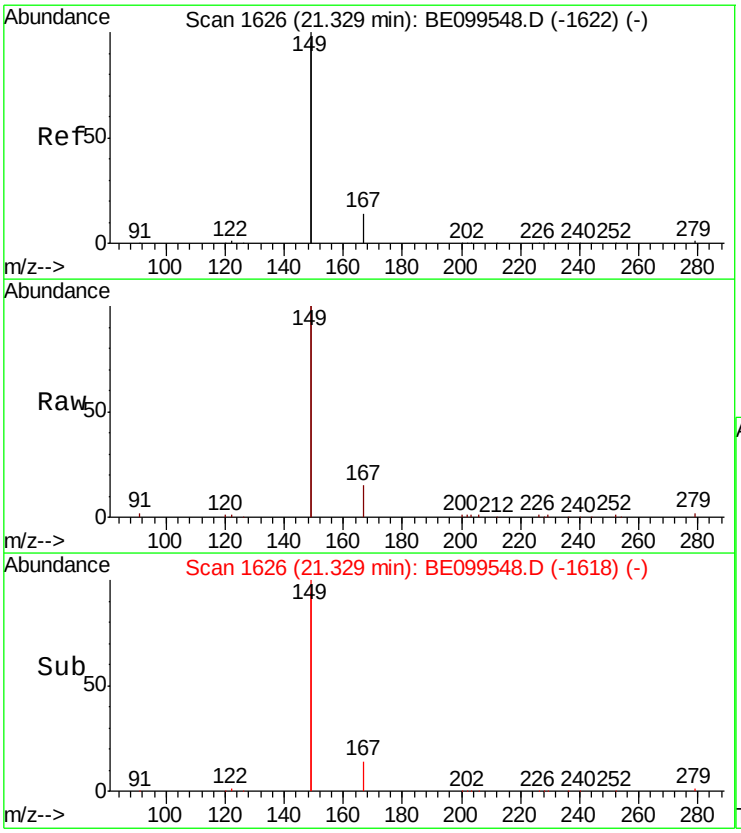
#31
Chrysene
Concen: 0.462 ng
RT: 21.47 min Scan# 1638
Delta R.T. 0.00 min
Lab File: BE099548.D
Acq: 6 May 2019 12:27

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:228 Resp: 46577

Ion	Ratio	Lower	Upper
228	100		
226	29.3	24.0	36.0
229	20.7	15.8	23.8

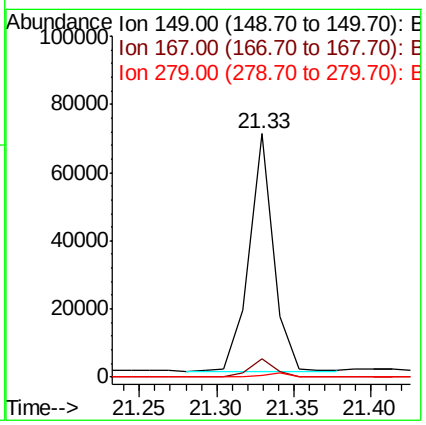


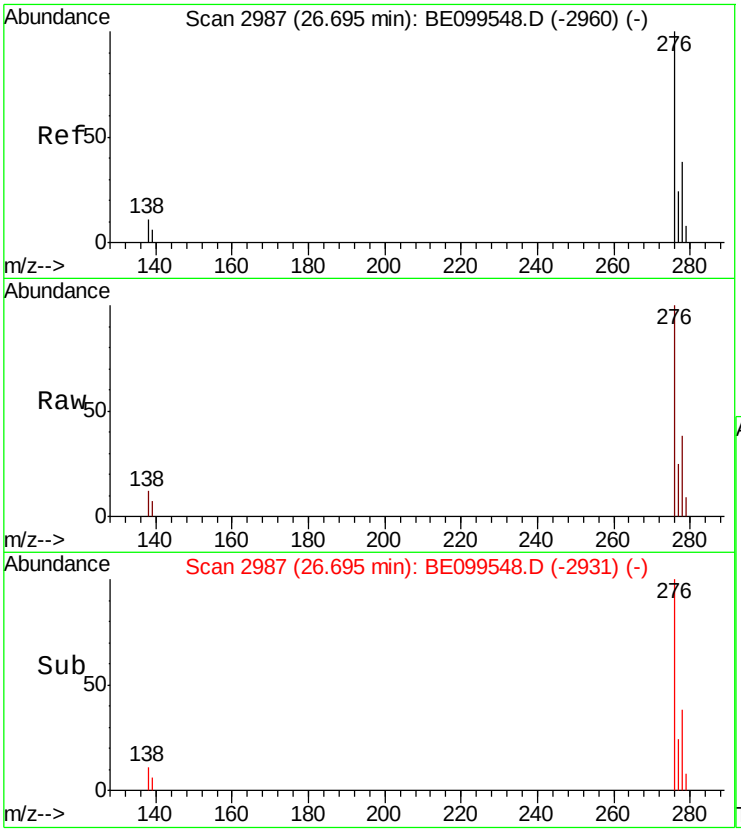


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.455 ng
RT: 21.33 min Scan# 1626
Delta R.T. 0.00 min
Lab File: BE099548.D
Acq: 6 May 2019 12:27

Tgt Ion:149 Resp: 76480

Ion	Ratio	Lower	Upper
149	100		
167	7.4	5.8	8.6
279	1.5	1.0	1.6



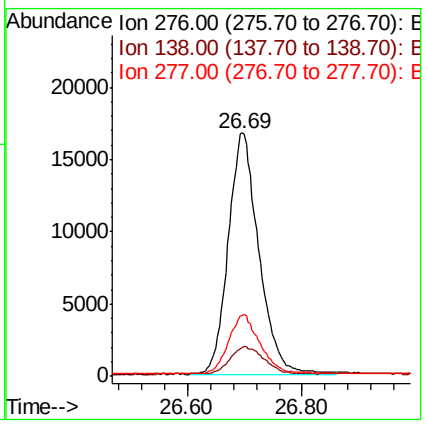


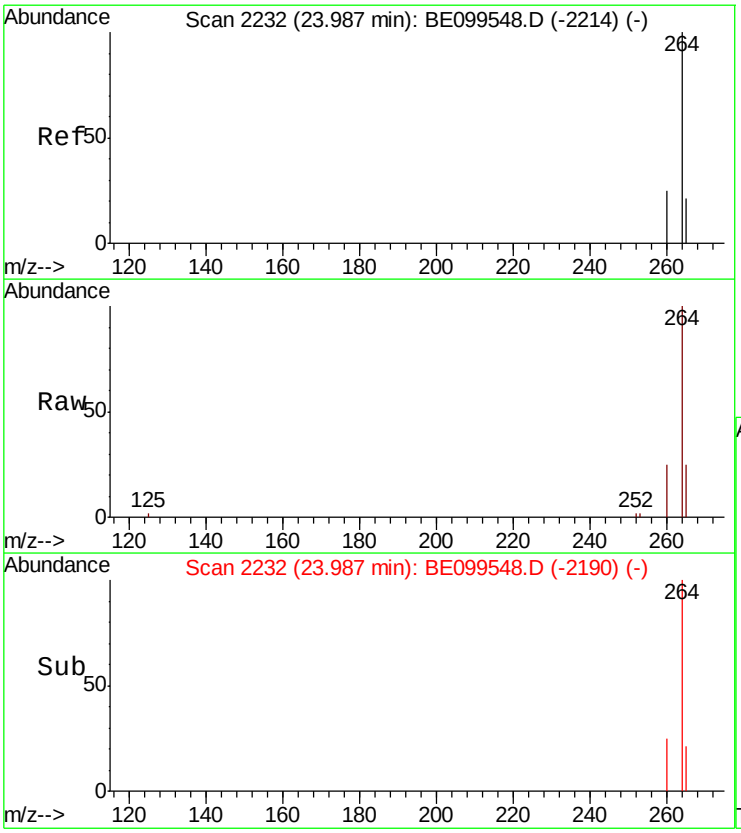
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.519 ng
RT: 26.69 min Scan# 2987
Delta R.T. 0.00 min
Lab File: BE099548.D
Acq: 6 May 2019 12:27

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:276 Resp: 61821

Ion	Ratio	Lower	Upper
276	100		
138	12.5	10.2	15.2
277	24.4	19.2	28.8

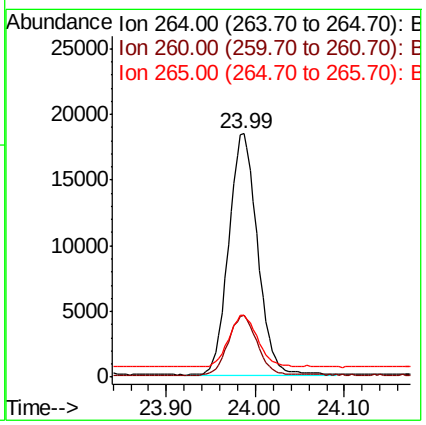


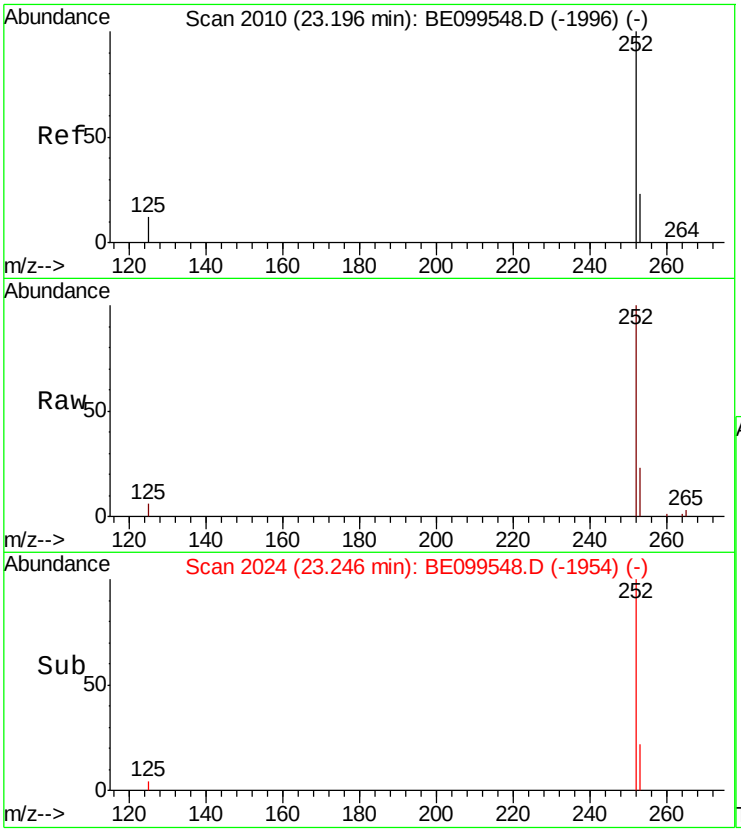


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.99 min Scan# 2232
Delta R.T. 0.00 min
Lab File: BE099548.D
Acq: 6 May 2019 12:27

Tgt Ion:264 Resp: 41391

Ion	Ratio	Lower	Upper
264	100		
260	25.2	20.2	30.2
265	25.2	21.3	31.9



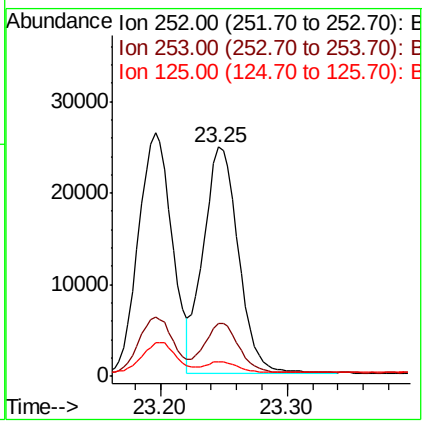


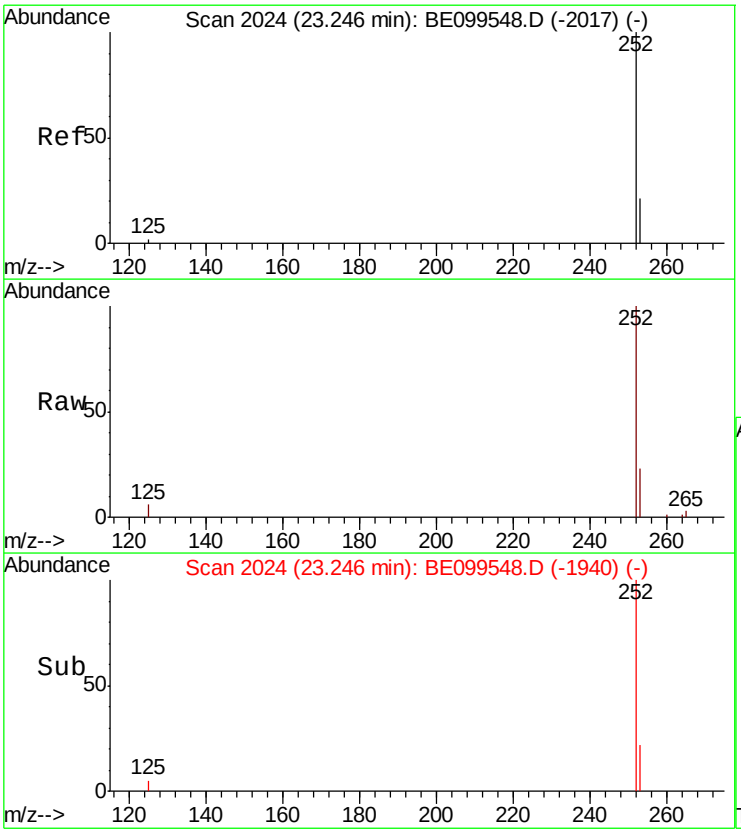
#35
Benzo(b)fluoranthene
Concen: 0.396 ng
RT: 23.25 min Scan# 2024
Delta R.T. 0.05 min
Lab File: BE099548.D
Acq: 6 May 2019 12:27

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:252 Resp: 47244

Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.1	27.1
125	6.2	5.6	8.4

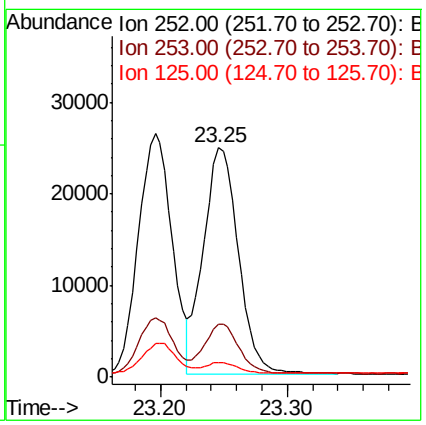


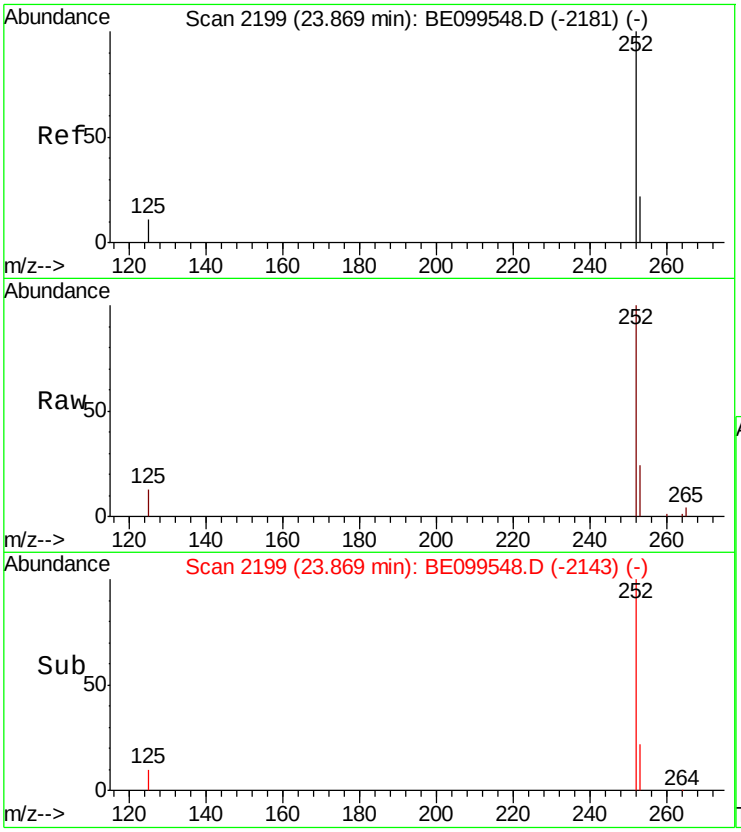


#36
Benzo(k)fluoranthene
Concen: 0.411 ng
RT: 23.25 min Scan# 2024
Delta R.T. 0.00 min
Lab File: BE099548.D
Acq: 6 May 2019 12:27

Tgt Ion:252 Resp: 47244

Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.4	27.6
125	6.2	5.0	7.4



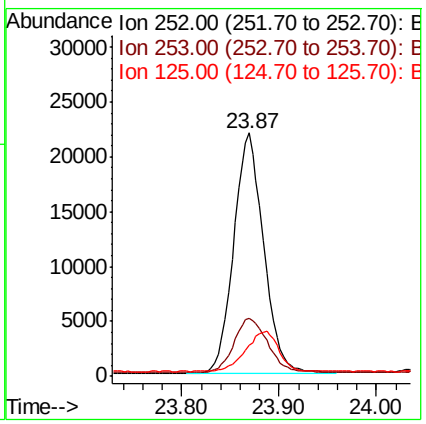


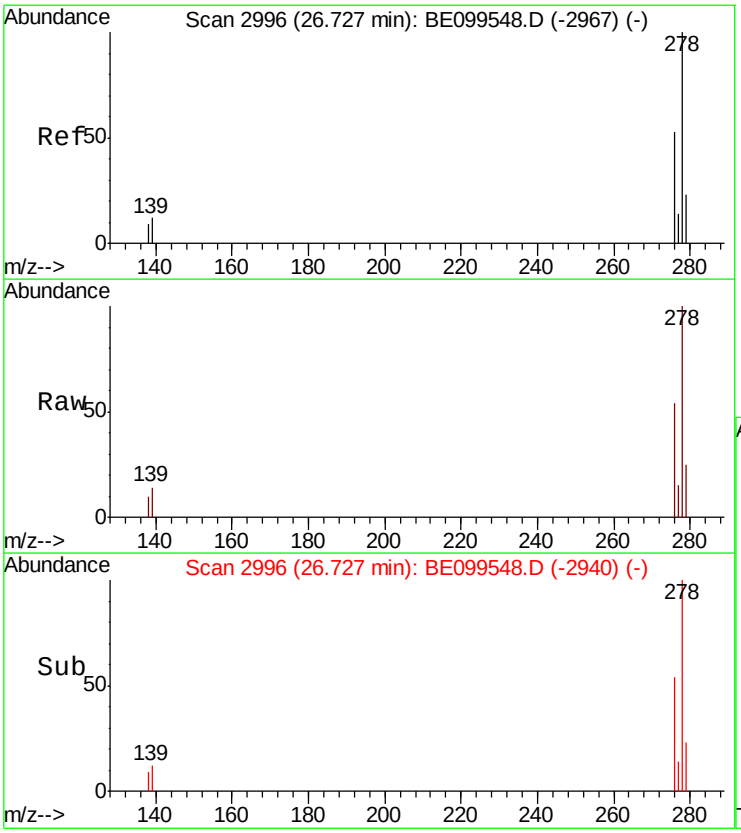
#37
Benzo(a)pyrene
Concen: 0.420 ng
RT: 23.87 min Scan# 2199
Delta R.T. 0.00 min
Lab File: BE099548.D
Acq: 6 May 2019 12:27

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:252 Resp: 47371

Ion	Ratio	Lower	Upper
252	100		
253	24.0	18.9	28.3
125	12.6	6.7	10.1#

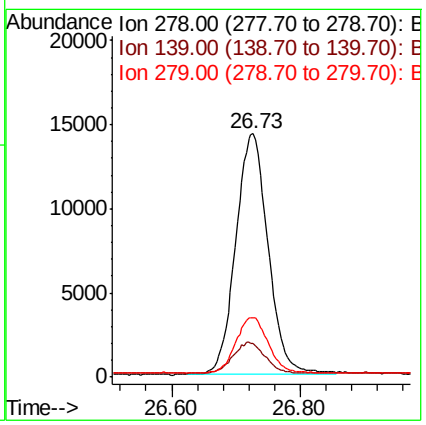


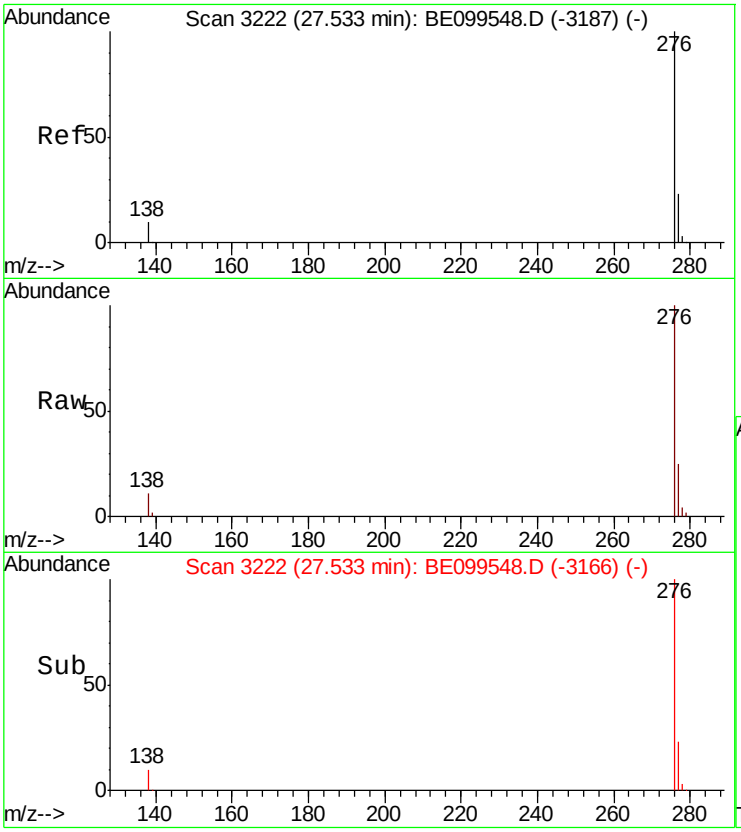


#38
Dibenzo(a,h)anthracene
Concen: 0.437 ng
RT: 26.73 min Scan# 2996
Delta R.T. 0.00 min
Lab File: BE099548.D
Acq: 6 May 2019 12:27

Tgt Ion:278 Resp: 50406

Ion	Ratio	Lower	Upper
278	100		
139	13.6	7.7	11.5#
279	24.6	20.2	30.2





#39
Benzo(g,h,i)perylene
Concen: 0.437 ng
RT: 27.53 min Scan# 3222
Delta R.T. 0.00 min
Lab File: BE099548.D
Acq: 6 May 2019 12:27

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:276 Resp: 50581

Ion	Ratio	Lower	Upper
276	100		
277	24.6	19.5	29.3
138	11.0	9.6	14.4