Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE052019\
Data File : BE099665.D
Acq On : 20 May 2019 14:50
Operator : JU/SJ
Sample : SSTDICC5.0
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDICC5.0

Quant Time: May 20 15:46:08 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE052019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 20 15:39:28 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.81	152	1663	0.40	ng		0.00
7) Naphthalene-d8	10.61	136	5965	0.40	ng		0.00
13) Acenaphthene-d10	14.49	164	4213	0.40	ng		0.00
19) Phenanthrene-d10	17.23	188	12394	0.40	ng		0.00
27) Chrysene-d12	21.41	240	20849	0.40	ng		0.00
34) Perylene-d12	23.96	264	21729	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.38	112	23121	4.90	ng		0.00
5) Phenol-d6	6.97	99	31767	5.31	ng		0.00
8) Nitrobenzene-d5	8.97	82	30828	5.34	ng		-0.01
11) 2-Methylnaphthalene-d10	12.21	152	54678	5.45	ng		-0.01
14) 2,4,6-Tribromophenol	15.97	330	16609	5.76	ng		-0.01
15) 2-Fluorobiphenyl	13.10	172	82814	5.10	ng		0.00
25) Fluoranthene-d10	19.26	212	924831	5.61	ng		0.00
29) Terphenyl-d14	19.86	244	196419	5.23	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.29	88	11630	4.742	ng		94
3) n-Nitrosodimethylamine	3.61	42	7552	4.829	ng	#	80
6) bis(2-Chloroethyl)ether	7.23	93	26277	5.220	ng		98
9) Naphthalene	10.67	128	331574	5.224	ng		99
10) Hexachlorobutadiene	10.94	225	24185	5.208	ng		97
12) 2-Methylnaphthalene	12.30	142	56565	5.396	ng		97
16) Acenaphthylene	14.20	152	108303	5.444	ng		99
17) Acenaphthene	14.54	154	59598	5.307	ng		99
18) Fluorene	15.53	166	88241	5.478	ng		99
20) 4-Bromophenyl-phenylether	16.43	248	40202	5.626	ng	#	90
21) Hexachlorobenzene	16.53	284	39863	5.678	ng		99
22) Pentachlorophenol	16.88	266	17893	6.389	ng		88
23) Phenanthrene	17.27	178	161011	5.233	ng		100
24) Anthracene	17.36	178	162937	5.741	ng		99
26) Fluoranthene	19.29	202	260959	5.607	ng		99
28) Pyrene	19.65	202	267052	5.025	ng		100
30) Benzo(a)anthracene	21.40	228	318226	5.051	ng		99
31) Chrysene	21.45	228	319381	4.922	ng		99
32) Bis(2-ethylhexyl)phthalate	21.32	149	384424	3.956	ng		99
33) Indeno(1,2,3-cd)pyrene	26.65	276	402398	4.982	ng		99
35) Benzo(b)fluoranthene	23.17	252	318140	5.237	ng		99
36) Benzo(k)fluoranthene	23.22	252	326779	5.446	ng		99
37) Benzo(a)pyrene	23.84	252	307464	5.225	ng		97
38) Dibenzo(a,h)anthracene	26.68	278	334169	5.476	ng		99
39) Benzo(g,h,i)perylene	27.48	276	328938	5.360	ng		98

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

Quantitation Report (Not Reviewed)

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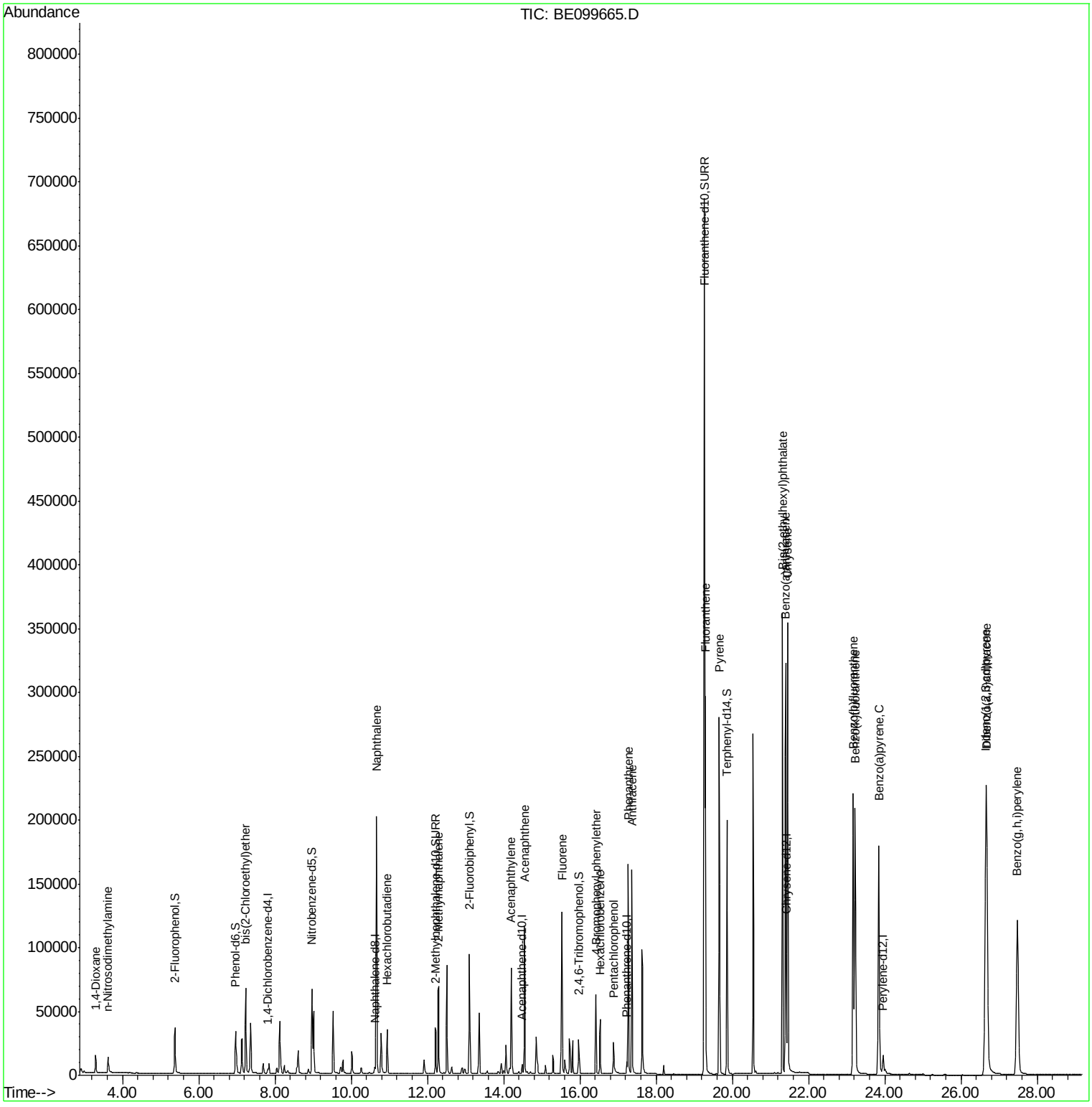
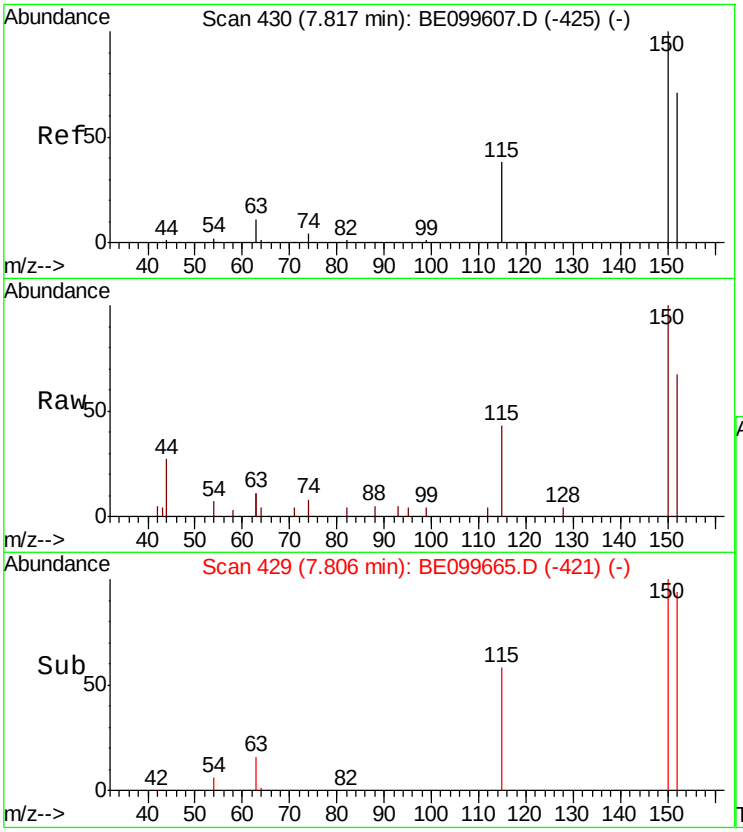
Acq On : 20 May 2019 14:50
Operator : JU/SJ
Sample : SSTDICC5.0
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDICC5.0

Quant Time: May 20 15:46:08 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE052019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 20 15:39:28 2019
Response via : Initial Calibration



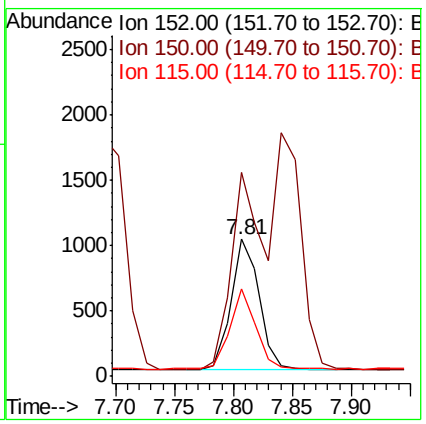


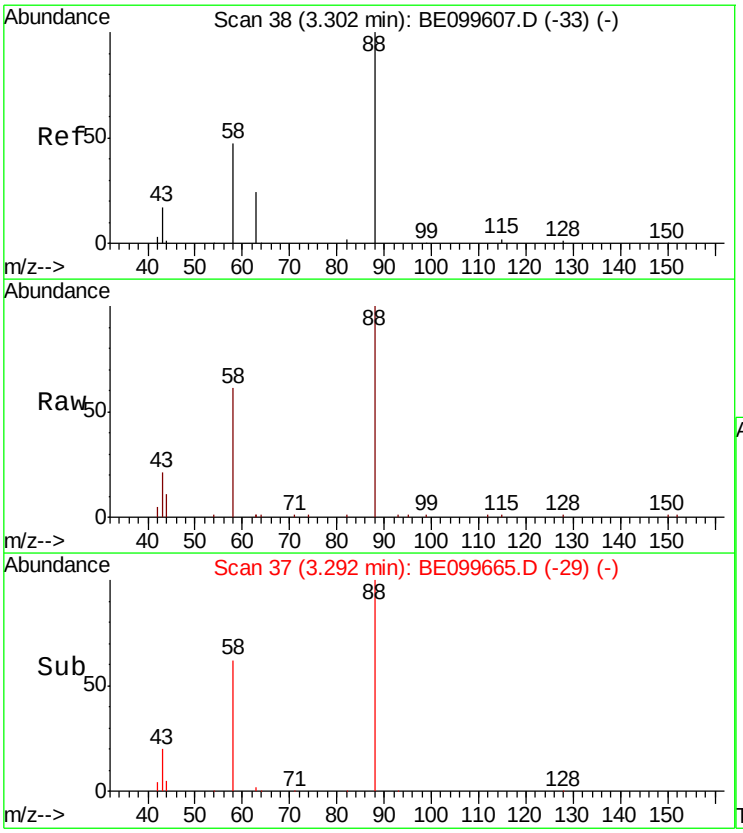
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.81 min Scan# 429
Delta R.T. -0.01 min
Lab File: BE099665.D
Acq: 20 May 2019 14:50

Instrument :
BNA_E
ClientSampleId :
SSTDICC5.0

Tgt Ion:152 Resp: 1663

Ion	Ratio	Lower	Upper
152	100		
150	149.3	109.2	163.8
115	63.8	43.7	65.5

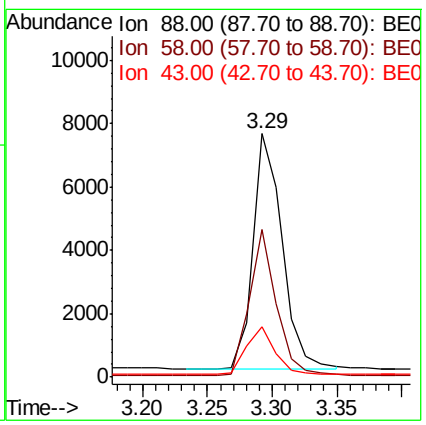


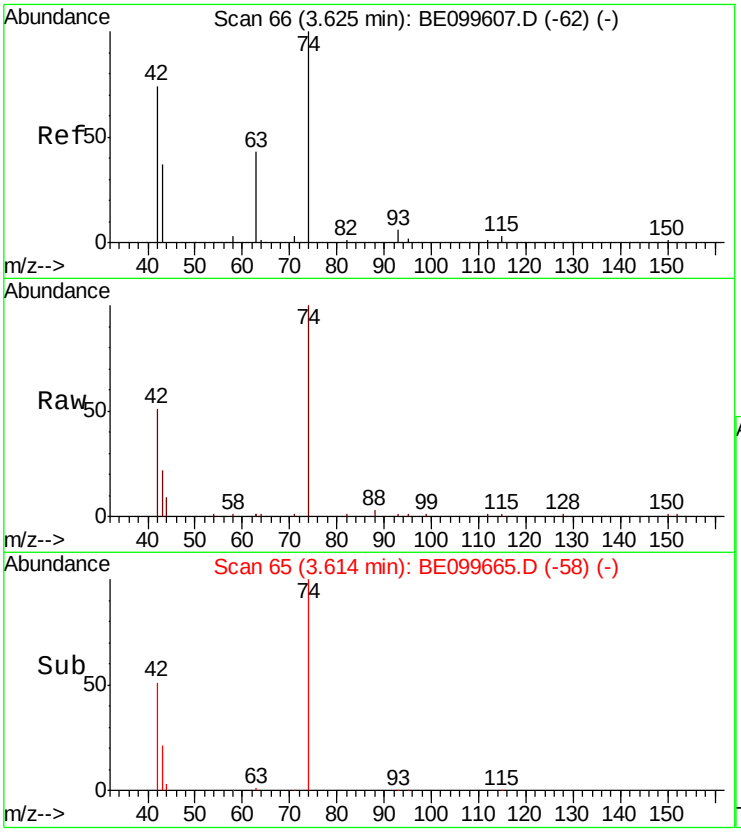


#2
1,4-Dioxane
Concen: 4.742 ng
RT: 3.29 min Scan# 37
Delta R.T. -0.01 min
Lab File: BE099665.D
Acq: 20 May 2019 14:50

Tgt Ion: 88 Resp: 11630

Ion	Ratio	Lower	Upper
88	100		
58	57.5	41.8	62.8
43	19.8	15.0	22.4



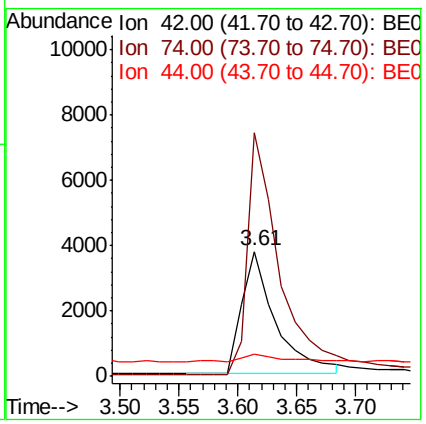


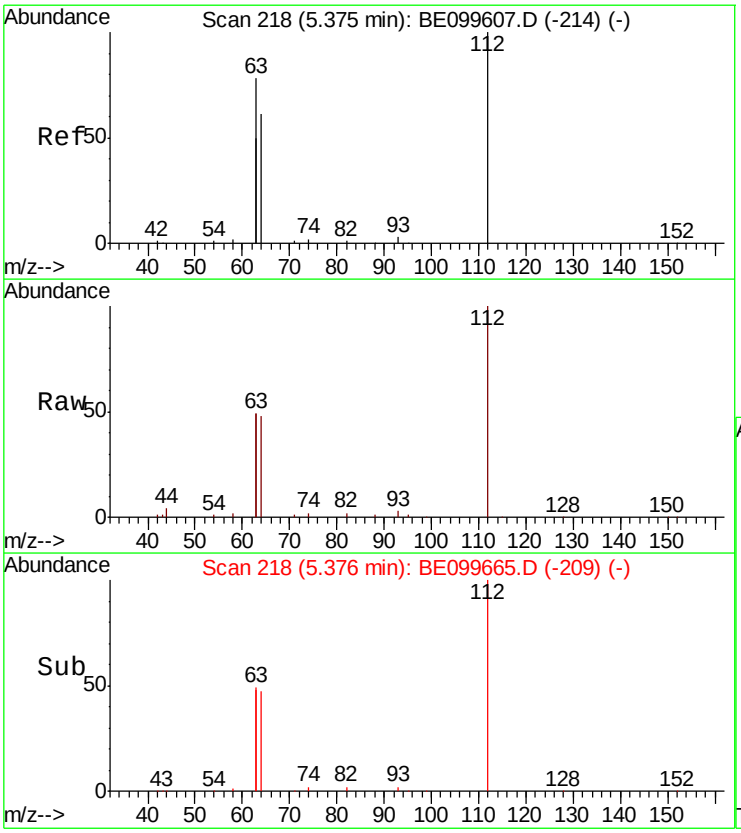
#3
n-Nitrosodimethylamine
Concen: 4.829 ng
RT: 3.61 min Scan# 65
Delta R.T. -0.02 min
Lab File: BE099665.D
Acq: 20 May 2019 14:50

Instrument :
BNA_E
ClientSampleId :
SSTDICC5.0

Tgt Ion: 42 Resp: 7552

Ion	Ratio	Lower	Upper
42	100		
74	187.4	128.4	192.6
44	6.0	0.0	0.0#

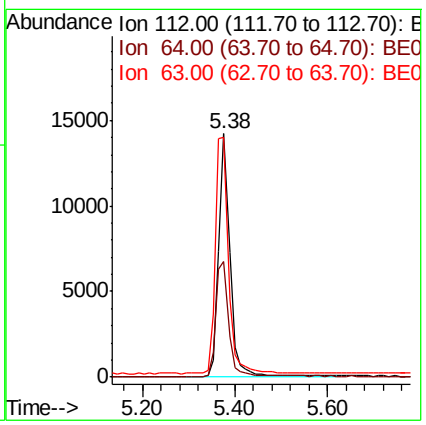


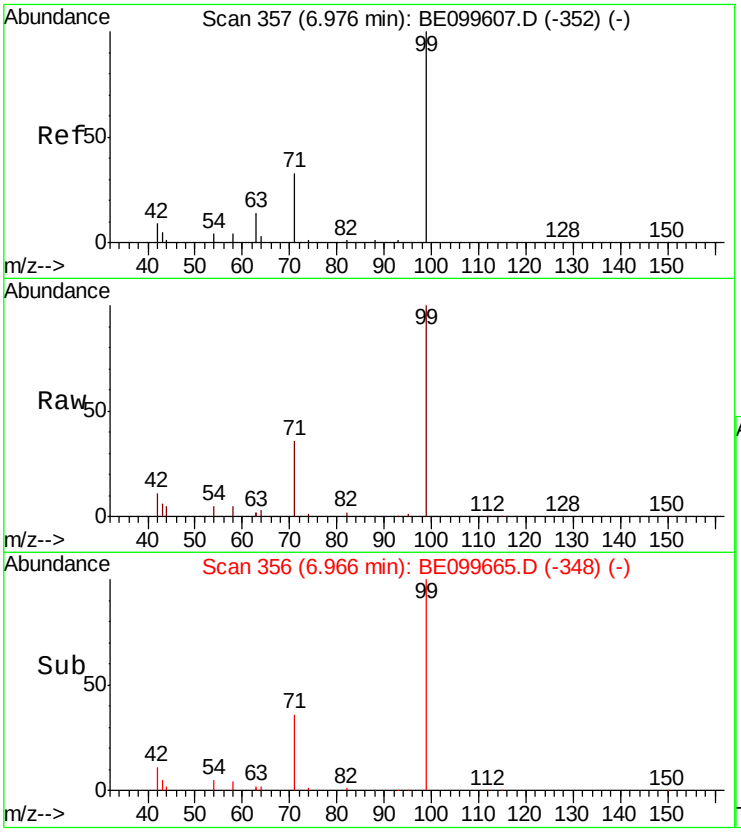


#4
2-Fluorophenol
Concen: 4.898 ng
RT: 5.38 min Scan# 218
Delta R.T. 0.00 min
Lab File: BE099665.D
Acq: 20 May 2019 14:50

Tgt Ion:112 Resp: 23121

Ion	Ratio	Lower	Upper
112	100		
64	54.1	43.4	65.2
63	115.1	96.9	145.3



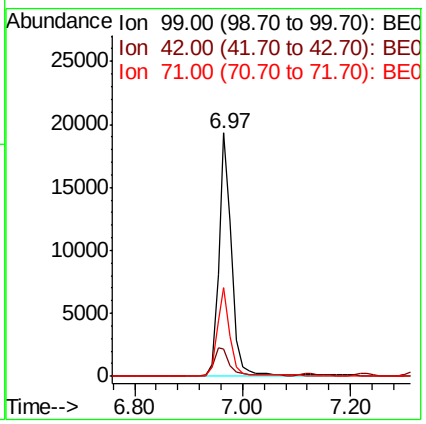


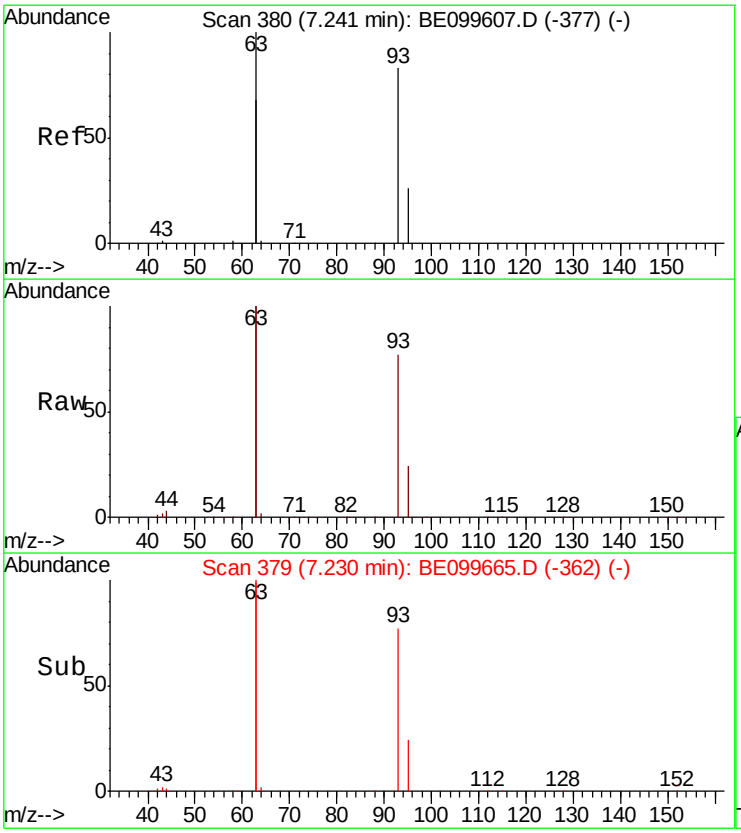
#5
Phenol-d6
Concen: 5.308 ng
RT: 6.97 min Scan# 356
Delta R.T. -0.01 min
Lab File: BE099665.D
Acq: 20 May 2019 14:50

Instrument :
BNA_E
ClientSampleId :
SSTDICC5.0

Tgt Ion: 99 Resp: 31767

Ion	Ratio	Lower	Upper
99	100		
42	13.6	12.2	18.2
71	36.6	28.9	43.3

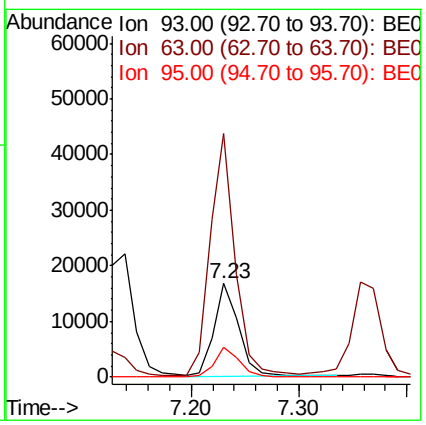


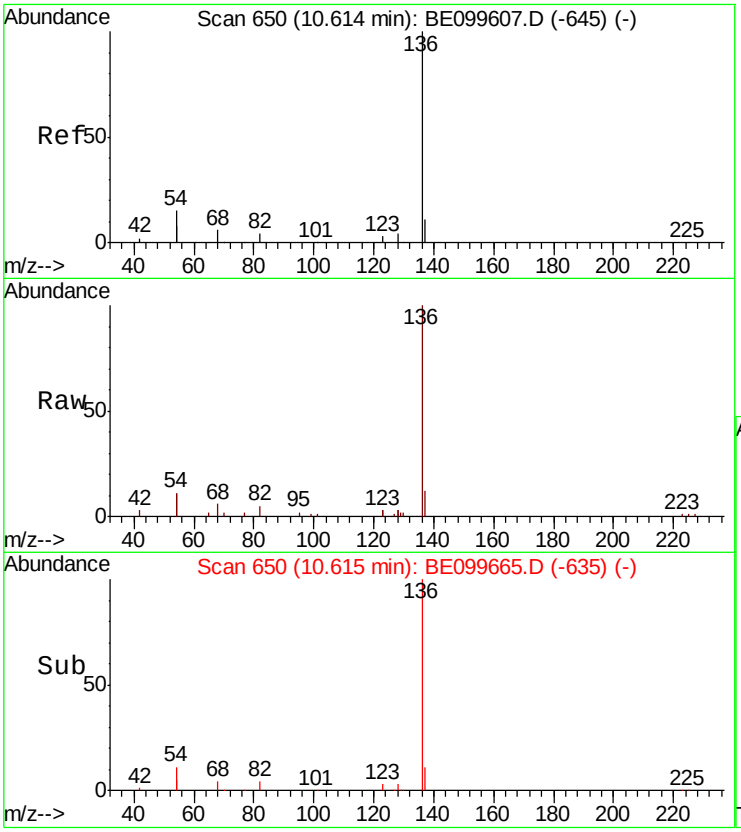


#6
bis(2-Chloroethyl)ether
Concen: 5.220 ng
RT: 7.23 min Scan# 379
Delta R.T. -0.01 min
Lab File: BE099665.D
Acq: 20 May 2019 14:50

Tgt Ion: 93 Resp: 26277

Ion	Ratio	Lower	Upper
93	100		
63	263.7	207.8	311.6
95	32.2	25.9	38.9



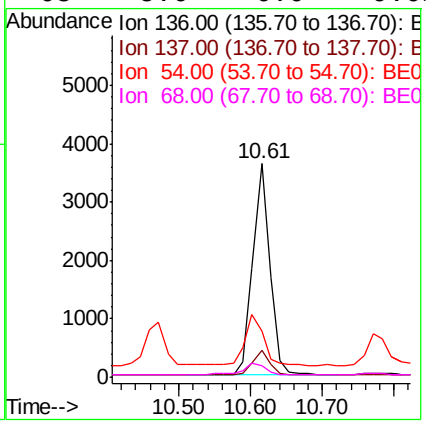


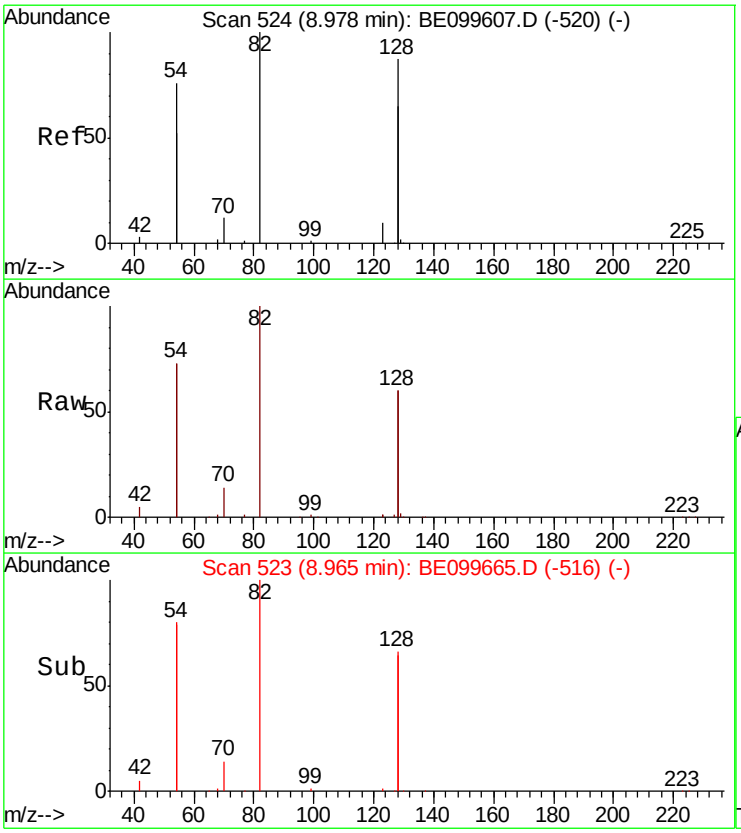
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.61 min Scan# 650
Delta R.T. 0.00 min
Lab File: BE099665.D
Acq: 20 May 2019 14:50

Instrument :
BNA_E
ClientSampleId :
SSTDICC5.0

Tgt Ion:136 Resp: 5965

Ion	Ratio	Lower	Upper
136	100		
137	12.4	9.0	13.6
54	21.3	22.3	33.5#
68	5.6	6.0	9.0#

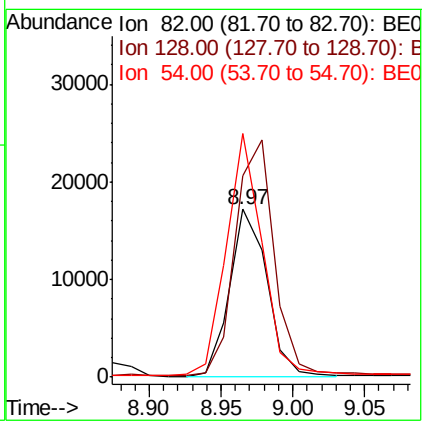


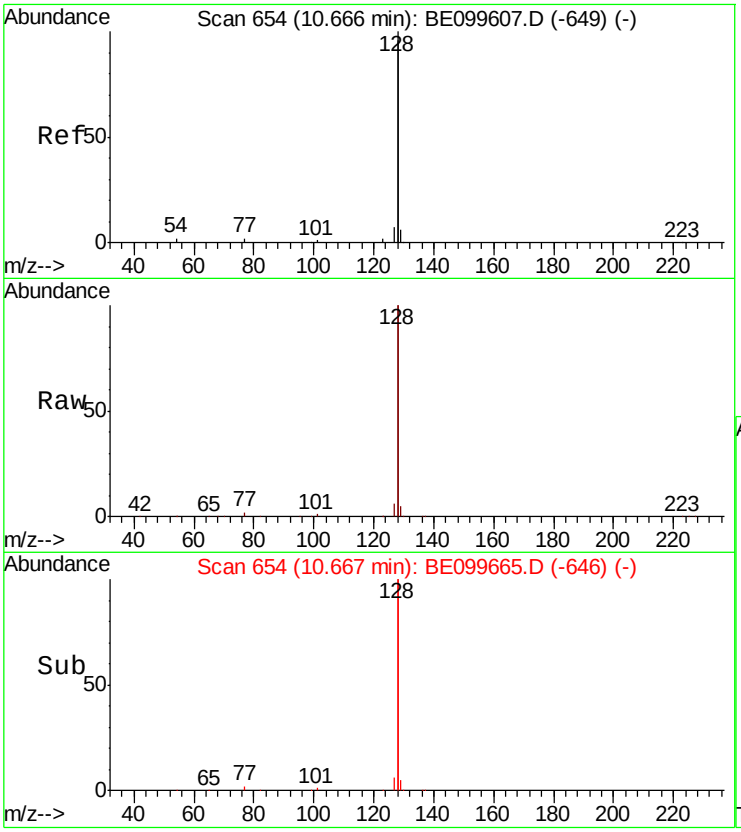


#8
Nitrobenzene-d5
Concen: 5.338 ng
RT: 8.97 min Scan# 523
Delta R.T. -0.01 min
Lab File: BE099665.D
Acq: 20 May 2019 14:50

Tgt Ion: 82 Resp: 30828

Ion	Ratio	Lower	Upper
82	100		
128	120.0	117.7	176.5
54	145.3	106.6	160.0



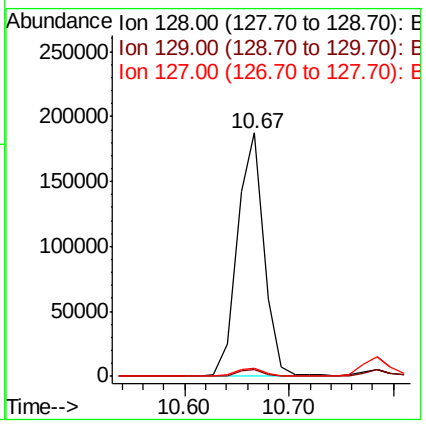


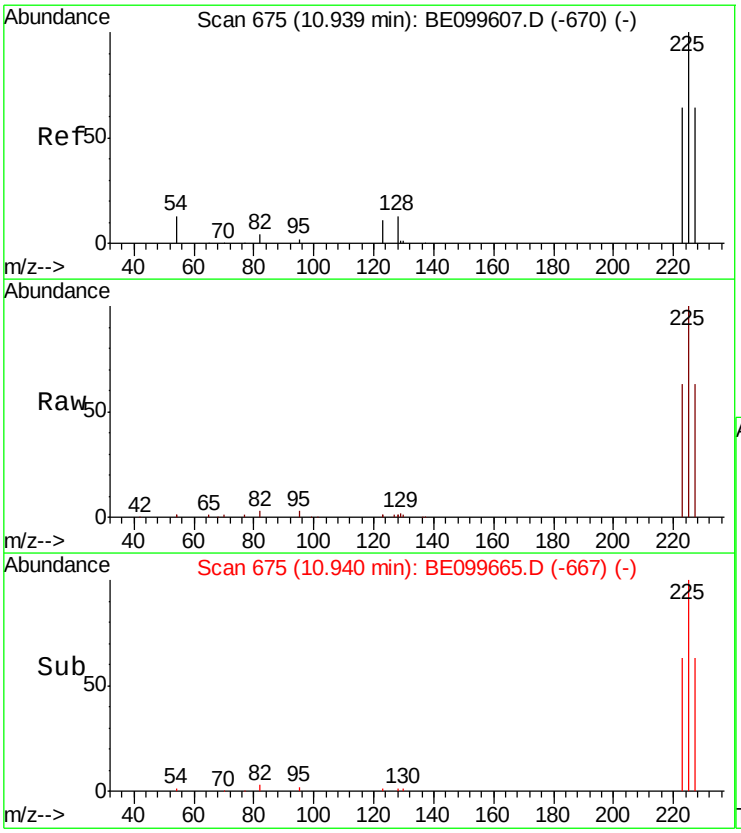
#9
Naphthalene
Concen: 5.224 ng
RT: 10.67 min Scan# 654
Delta R.T. 0.00 min
Lab File: BE099665.D
Acq: 20 May 2019 14:50

Instrument :
BNA_E
ClientSampleId :
SSTDICC5.0

Tgt Ion:128 Resp: 331574

Ion	Ratio	Lower	Upper
128	100		
129	2.7	2.4	3.6
127	3.2	2.9	4.3

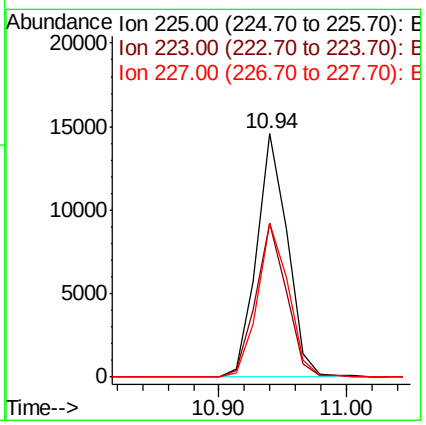


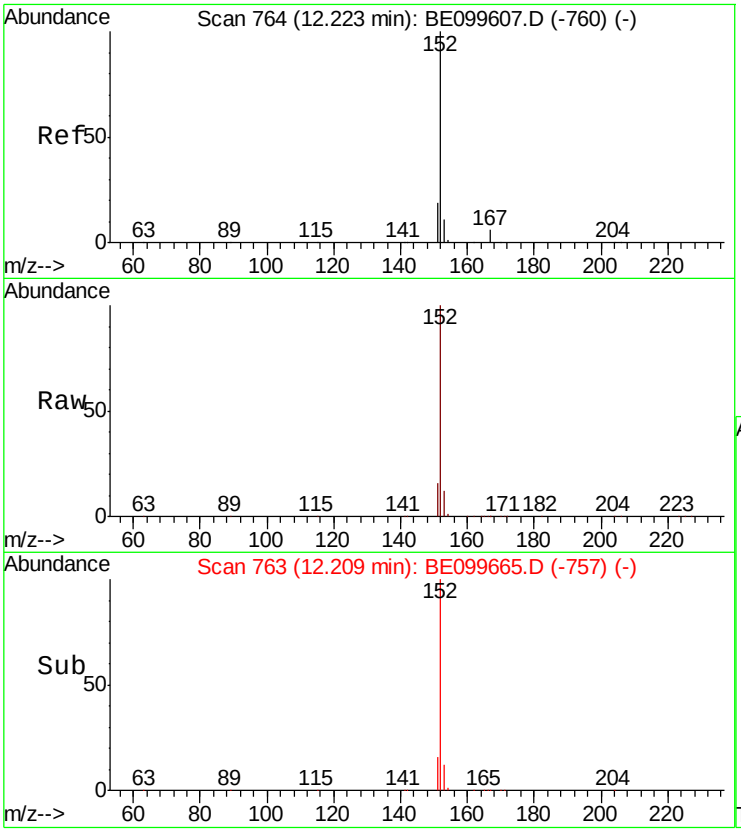


#10
Hexachlorobutadiene
Concen: 5.208 ng
RT: 10.94 min Scan# 675
Delta R.T. 0.00 min
Lab File: BE099665.D
Acq: 20 May 2019 14:50

Tgt Ion:225 Resp: 24185

Ion	Ratio	Lower	Upper
225	100		
223	62.7	51.8	77.6
227	63.1	52.6	79.0



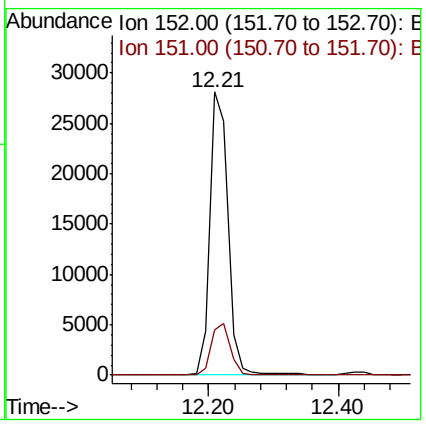


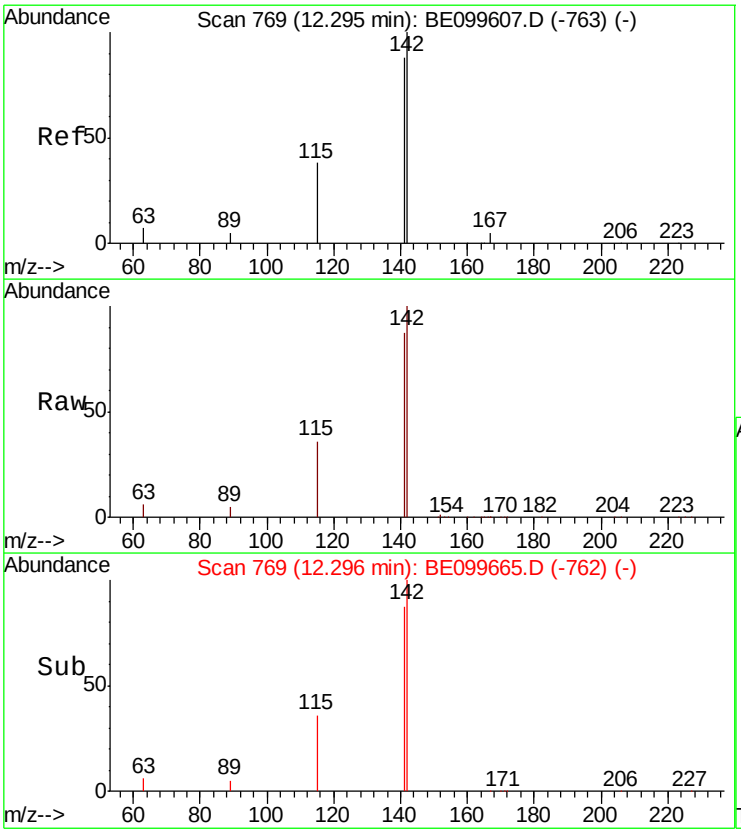
#11
2-Methylnaphthalene-d10
Concen: 5.450 ng
RT: 12.21 min Scan# 763
Delta R.T. -0.01 min
Lab File: BE099665.D
Acq: 20 May 2019 14:50

Instrument :
BNA_E
ClientSampleId :
SSTDICC5.0

Tgt Ion:152 Resp: 54678

Ion	Ratio	Lower	Upper
152	100		
151	19.0	15.0	22.4

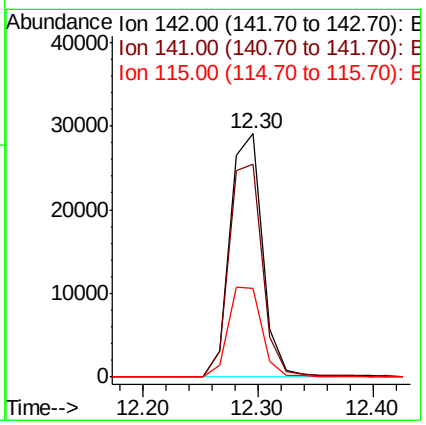


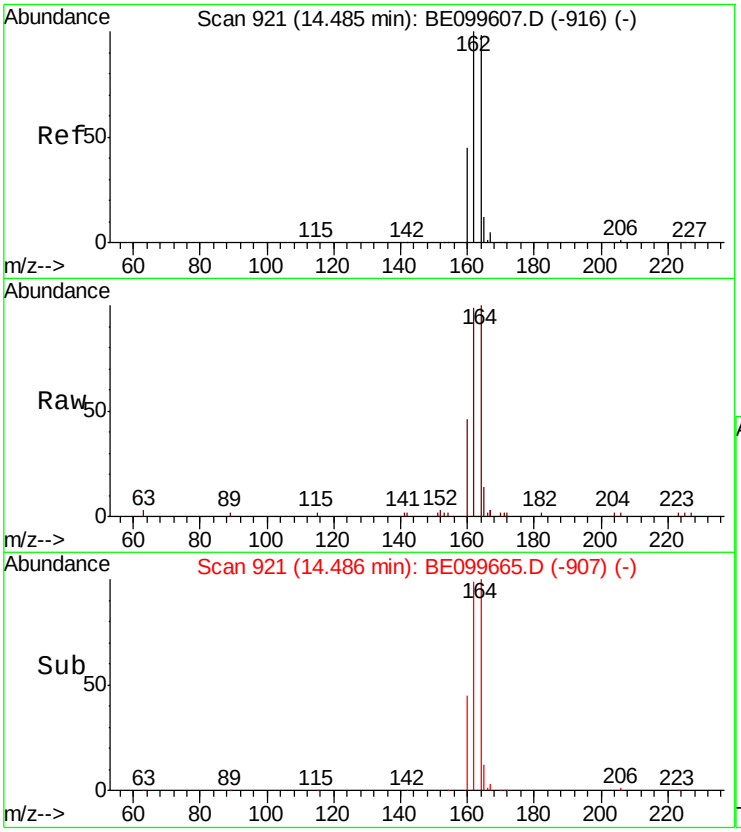


#12
2-Methylnaphthalene
Concen: 5.396 ng
RT: 12.30 min Scan# 769
Delta R.T. -0.00 min
Lab File: BE099665.D
Acq: 20 May 2019 14:50

Tgt Ion:142 Resp: 56565

Ion	Ratio	Lower	Upper
142	100		
141	87.3	72.0	108.0
115	36.4	31.0	46.4



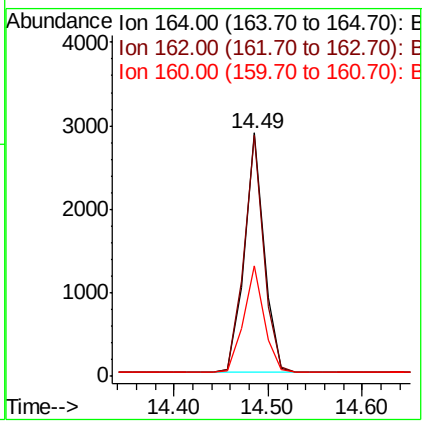


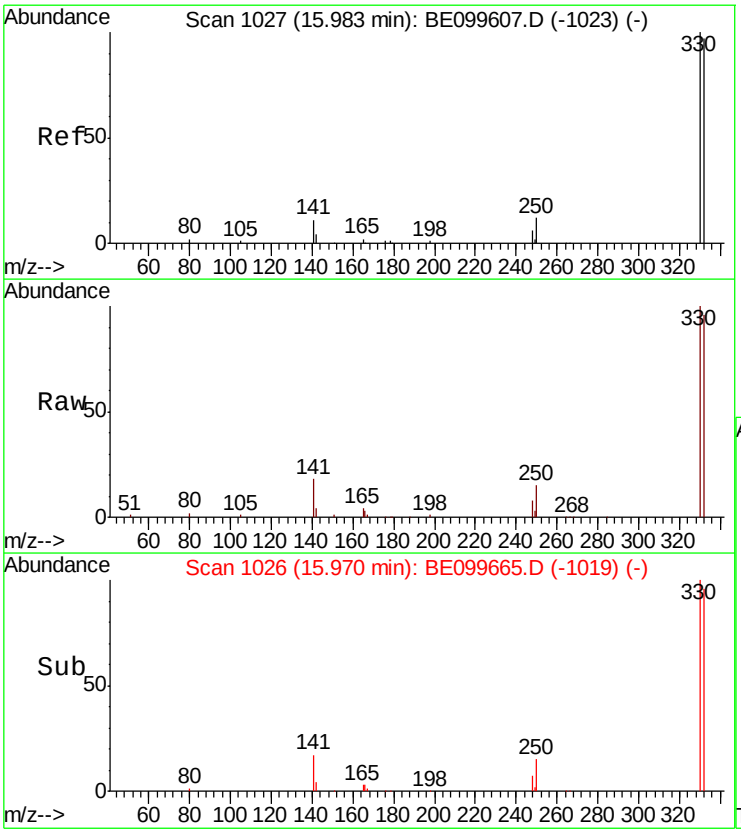
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.49 min Scan# 921
Delta R.T. -0.00 min
Lab File: BE099665.D
Acq: 20 May 2019 14:50

Instrument :
BNA_E
ClientSampleId :
SSTDICC5.0

Tgt Ion:164 Resp: 4213

Ion	Ratio	Lower	Upper
164	100		
162	99.0	76.5	114.7
160	45.5	37.4	56.2

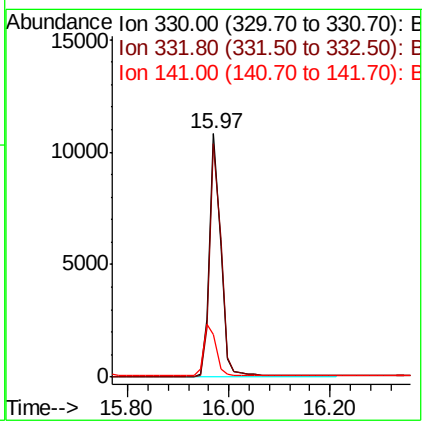


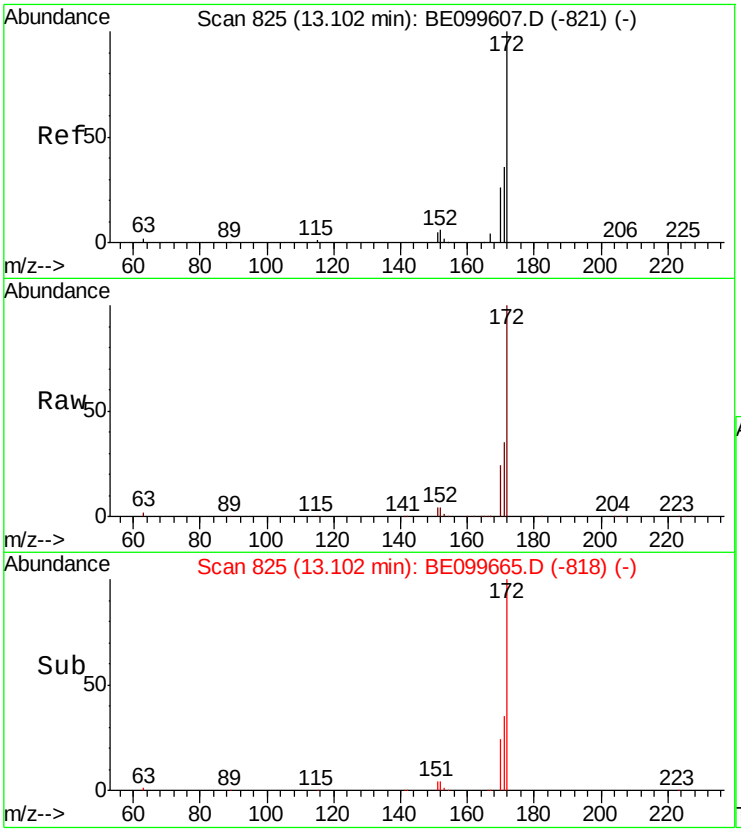


#14
2,4,6-Tribromophenol
Concen: 5.763 ng
RT: 15.97 min Scan# 1026
Delta R.T. -0.01 min
Lab File: BE099665.D
Acq: 20 May 2019 14:50

Tgt Ion:330 Resp: 16609

Ion	Ratio	Lower	Upper
330	100		
332	97.5	77.3	115.9
141	23.9	18.9	28.3



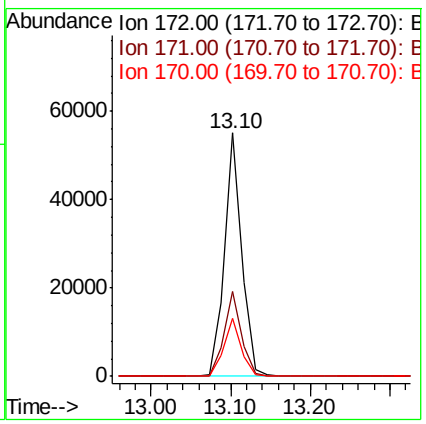


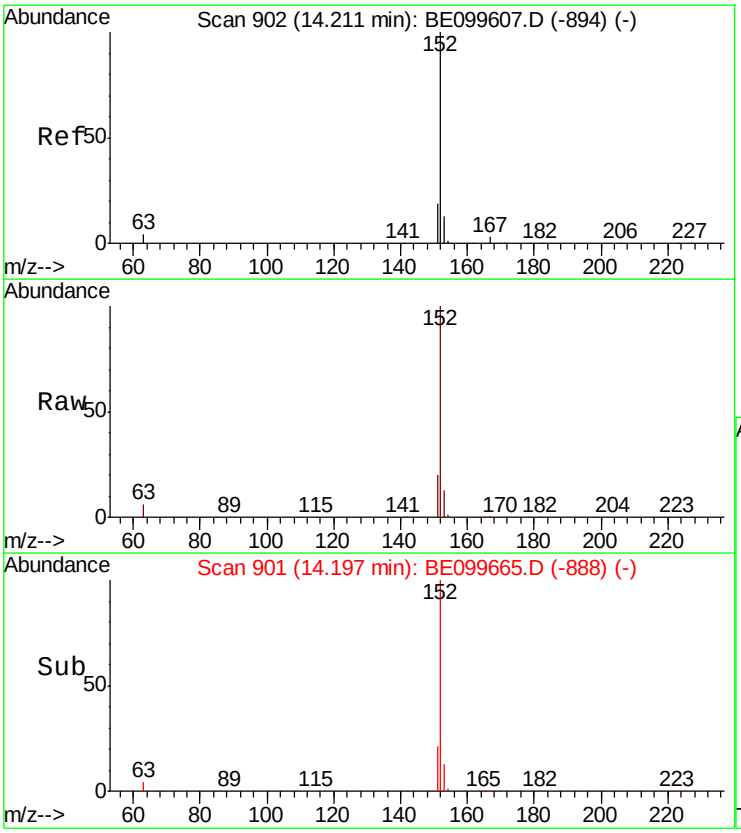
#15
2-Fluorobiphenyl
Concen: 5.105 ng
RT: 13.10 min Scan# 825
Delta R.T. -0.00 min
Lab File: BE099665.D
Acq: 20 May 2019 14:50

Instrument :
BNA_E
ClientSampleId :
SSTDICC5.0

Tgt Ion:172 Resp: 82814

Ion	Ratio	Lower	Upper
172	100		
171	34.7	28.7	43.1
170	23.6	20.9	31.3

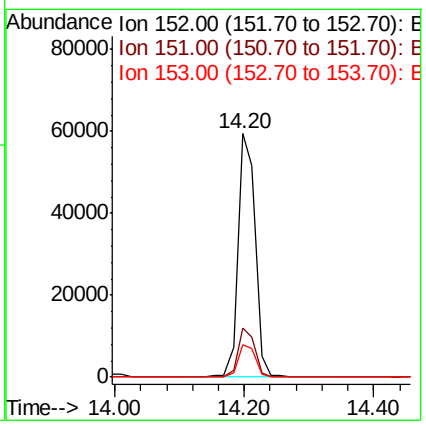


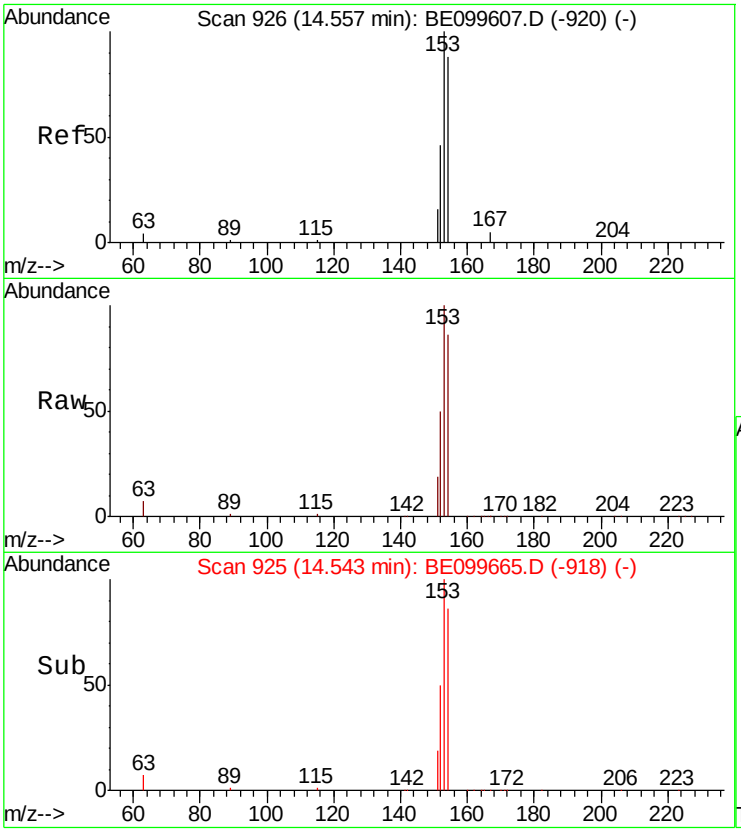


#16
Acenaphthylene
Concen: 5.444 ng
RT: 14.20 min Scan# 901
Delta R.T. -0.01 min
Lab File: BE099665.D
Acq: 20 May 2019 14:50

Tgt Ion:152 Resp: 108303

Ion	Ratio	Lower	Upper
152	100		
151	19.6	15.9	23.9
153	13.1	10.6	16.0



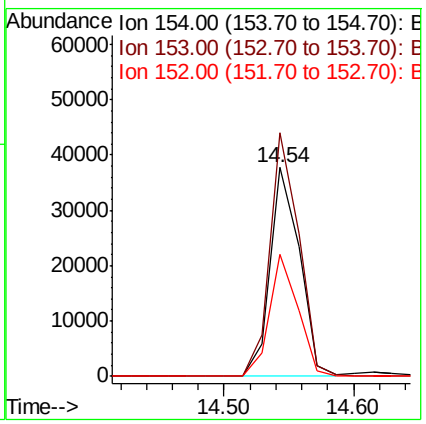


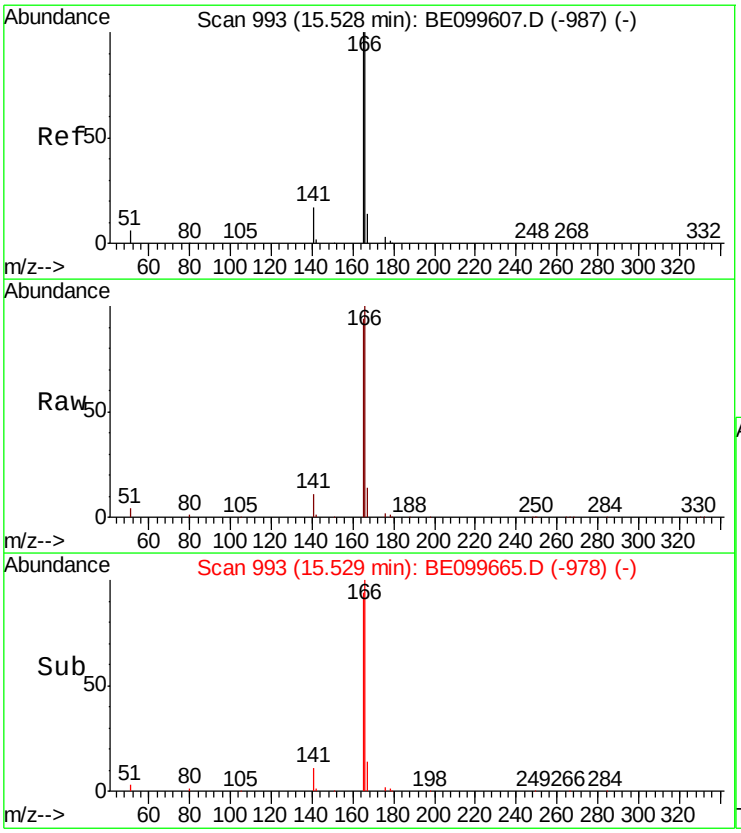
#17
Acenaphthene
Concen: 5.307 ng
RT: 14.54 min Scan# 925
Delta R.T. -0.00 min
Lab File: BE099665.D
Acq: 20 May 2019 14:50

Instrument :
BNA_E
ClientSampleId :
SSTDICC5.0

Tgt Ion:154 Resp: 59598

Ion	Ratio	Lower	Upper
154	100		
153	115.1	92.2	138.4
152	56.3	46.2	69.4

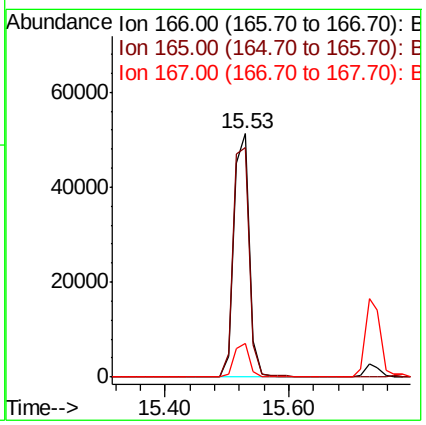


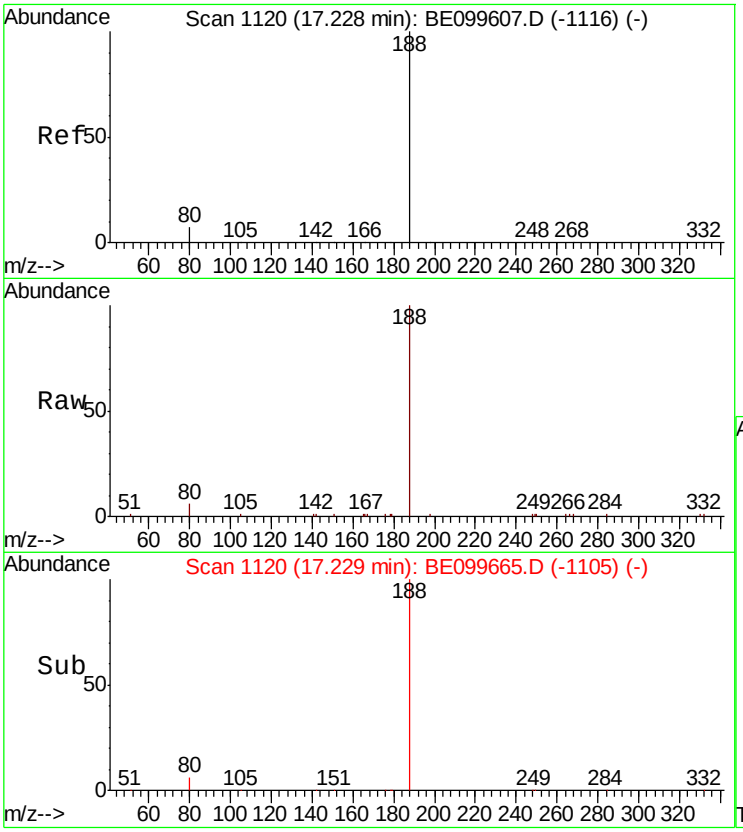


#18
Fluorene
Concen: 5.478 ng
RT: 15.53 min Scan# 993
Delta R.T. 0.00 min
Lab File: BE099665.D
Acq: 20 May 2019 14:50

Tgt Ion:166 Resp: 88241

Ion	Ratio	Lower	Upper
166	100		
165	98.9	80.3	120.5
167	13.4	10.6	16.0



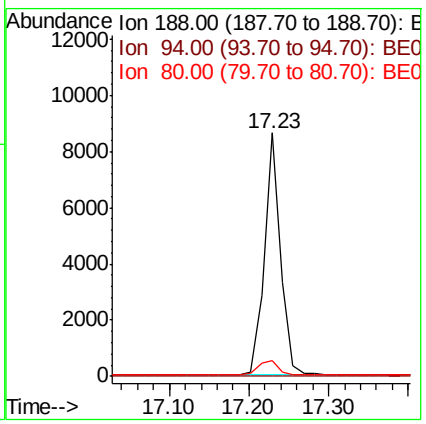


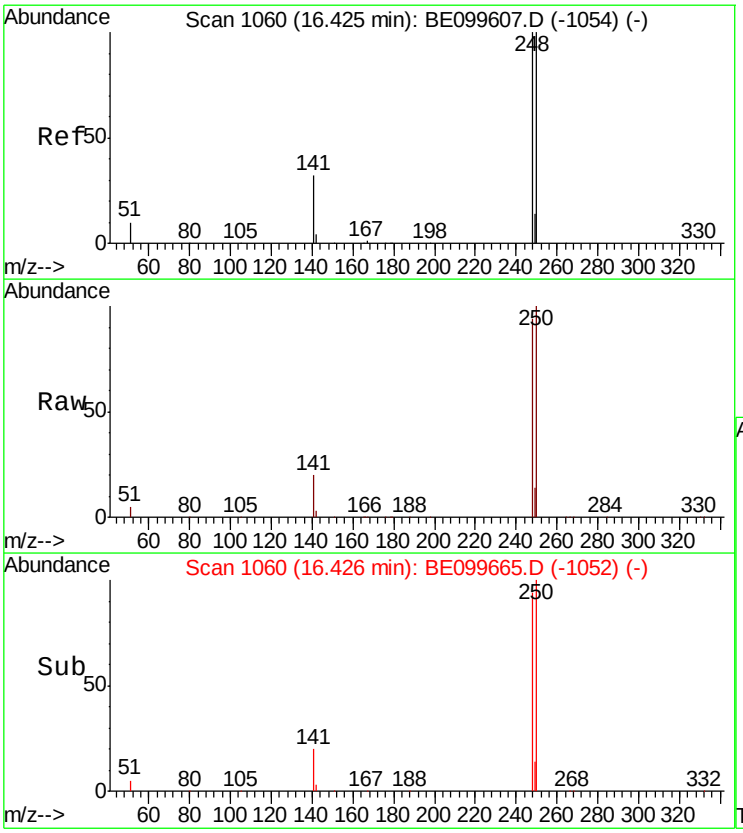
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.23 min Scan# 1120
Delta R.T. 0.00 min
Lab File: BE099665.D
Acq: 20 May 2019 14:50

Instrument :
BNA_E
ClientSampleId :
SSTDICC5.0

Tgt Ion:188 Resp: 12394

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	6.4	6.7	10.1#

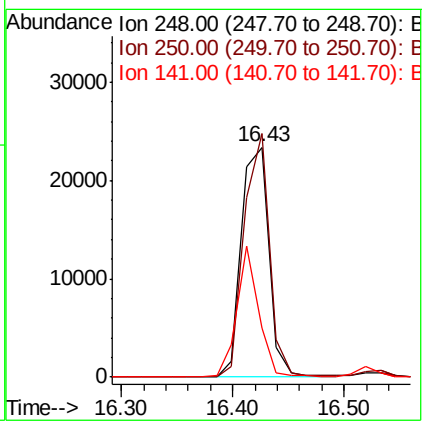


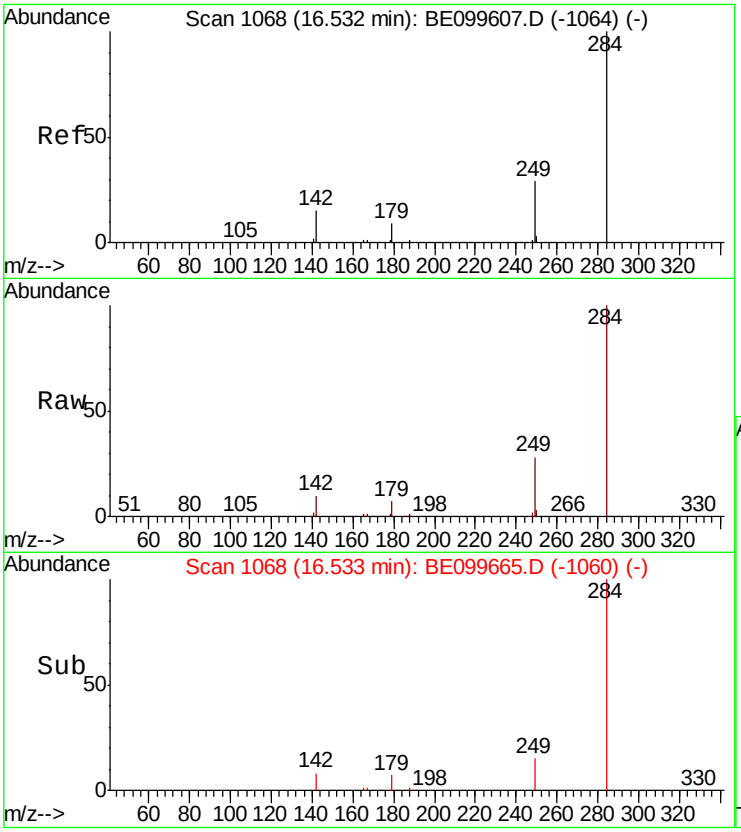


#20
4-Bromophenyl-phenylether
Concen: 5.626 ng
RT: 16.43 min Scan# 1060
Delta R.T. 0.00 min
Lab File: BE099665.D
Acq: 20 May 2019 14:50

Tgt Ion:248 Resp: 40202

Ion	Ratio	Lower	Upper
248	100		
250	105.8	79.8	119.8
141	21.6	27.0	40.6#



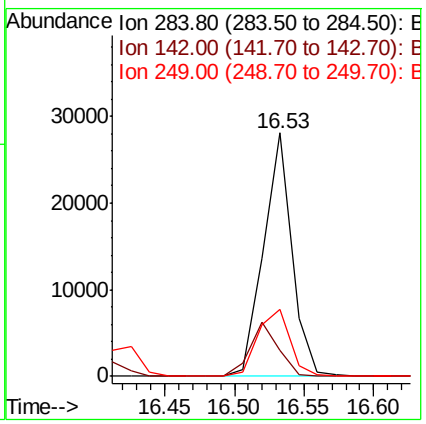


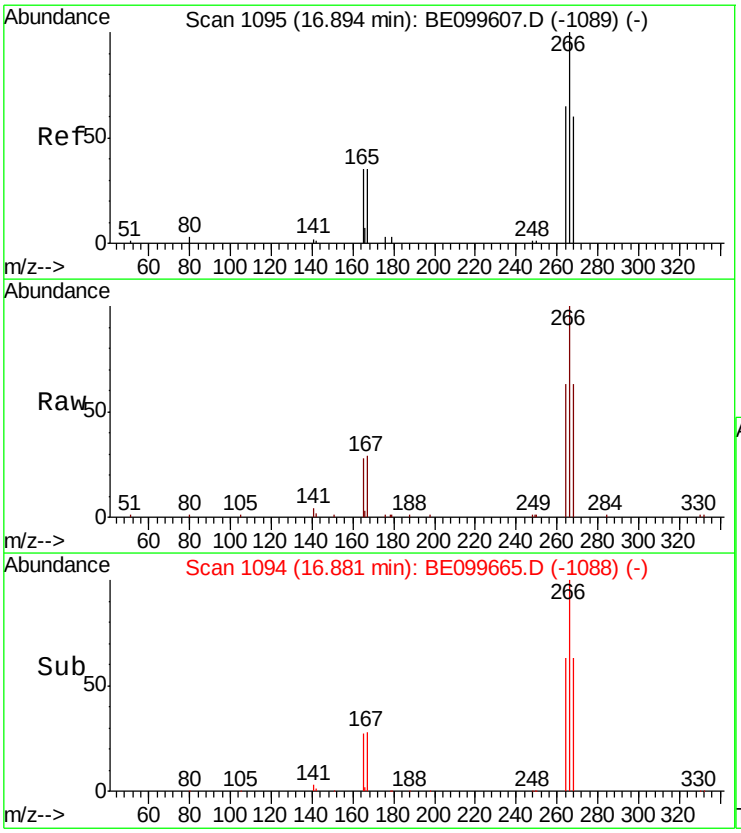
#21
Hexachlorobenzene
Concen: 5.678 ng
RT: 16.53 min Scan# 1068
Delta R.T. 0.00 min
Lab File: BE099665.D
Acq: 20 May 2019 14:50

Instrument :
BNA_E
ClientSampleId :
SSTDICC5.0

Tgt Ion:284 Resp: 39863

Ion	Ratio	Lower	Upper
284	100		
142	21.7	17.8	26.6
249	30.6	24.8	37.2

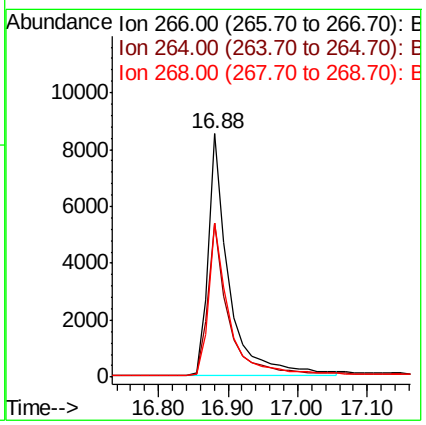


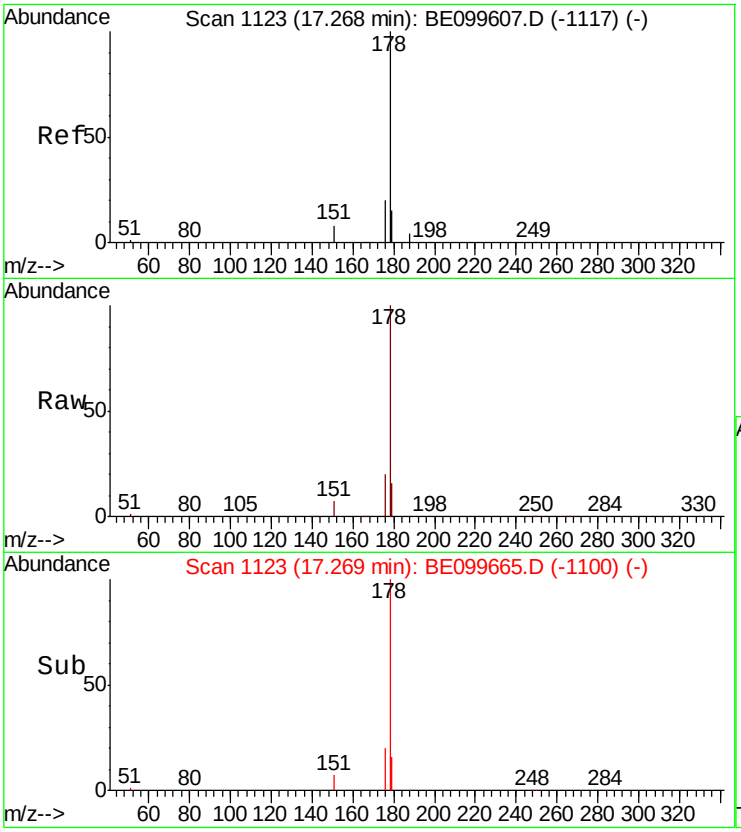


#22
Pentachlorophenol
Concen: 6.389 ng
RT: 16.88 min Scan# 1094
Delta R.T. -0.03 min
Lab File: BE099665.D
Acq: 20 May 2019 14:50

Tgt Ion:266 Resp: 17893

Ion	Ratio	Lower	Upper
266	100		
264	63.3	57.2	85.8
268	63.2	60.5	90.7



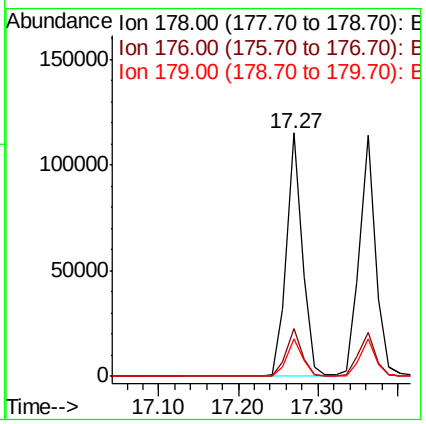


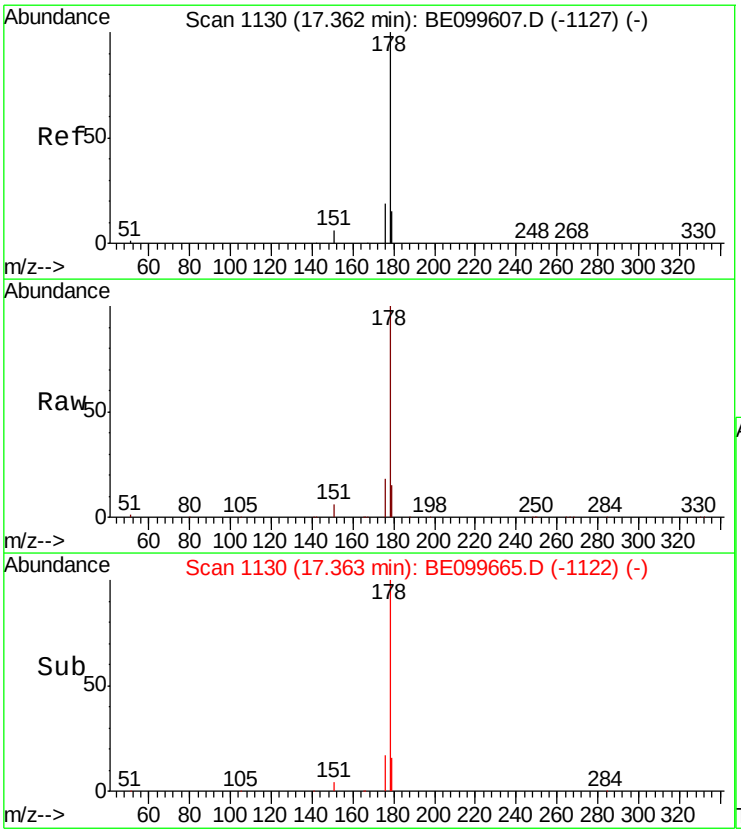
#23
Phenanthrene
Concen: 5.233 ng
RT: 17.27 min Scan# 1123
Delta R.T. 0.00 min
Lab File: BE099665.D
Acq: 20 May 2019 14:50

Instrument :
BNA_E
ClientSampleId :
SSTDICC5.0

Tgt Ion:178 Resp: 161011

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.6	23.4
179	15.6	12.2	18.4

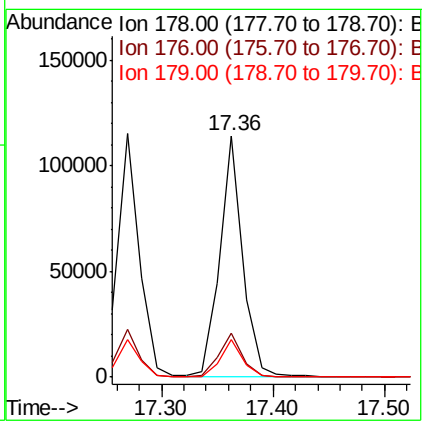


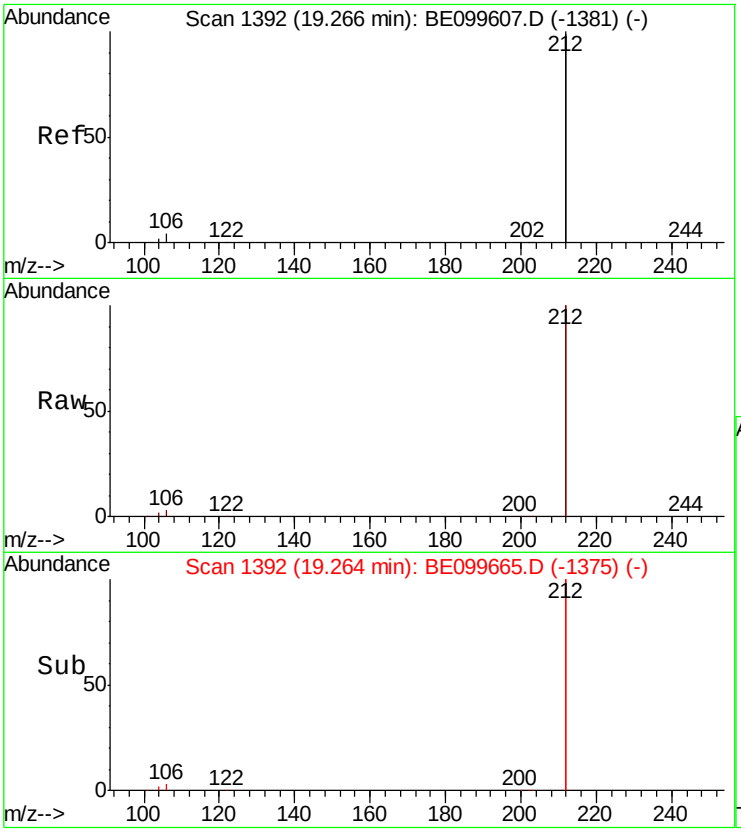


#24
Anthracene
Concen: 5.741 ng
RT: 17.36 min Scan# 1130
Delta R.T. 0.00 min
Lab File: BE099665.D
Acq: 20 May 2019 14:50

Tgt Ion:178 Resp: 162937

Ion	Ratio	Lower	Upper
178	100		
176	18.5	14.7	22.1
179	15.3	12.0	18.0



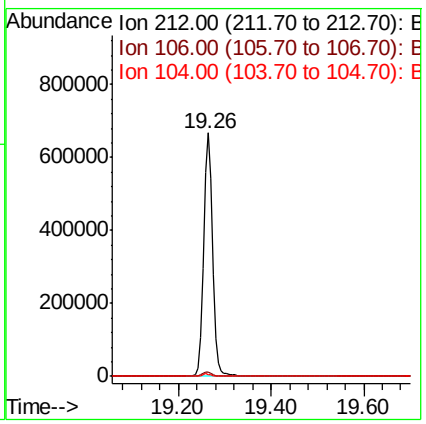


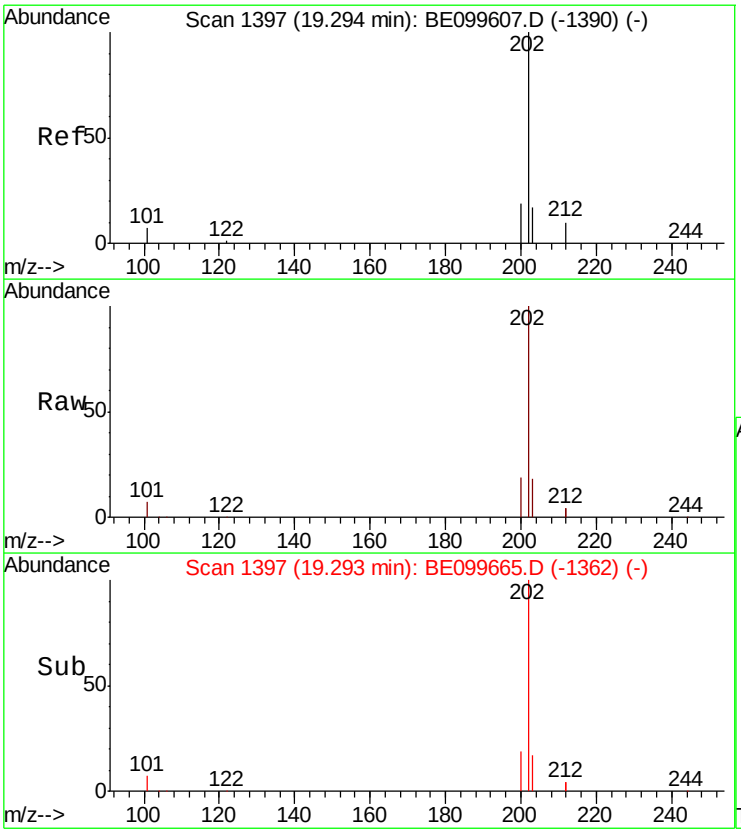
#25
Fluoranthene-d10
Concen: 5.610 ng
RT: 19.26 min Scan# 1392
Delta R.T. -0.00 min
Lab File: BE099665.D
Acq: 20 May 2019 14:50

Instrument :
BNA_E
ClientSampleId :
SSTDICC5.0

Tgt Ion:212 Resp: 924831

Ion	Ratio	Lower	Upper
212	100		
106	1.8	1.4	2.2
104	1.0	0.8	1.2

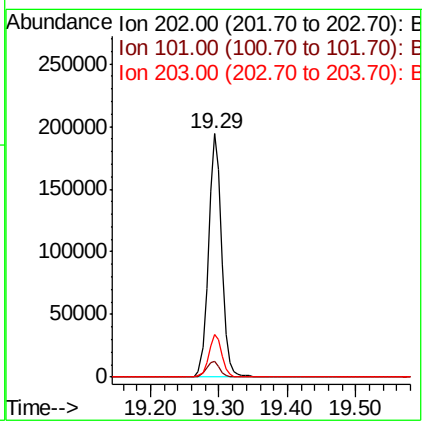


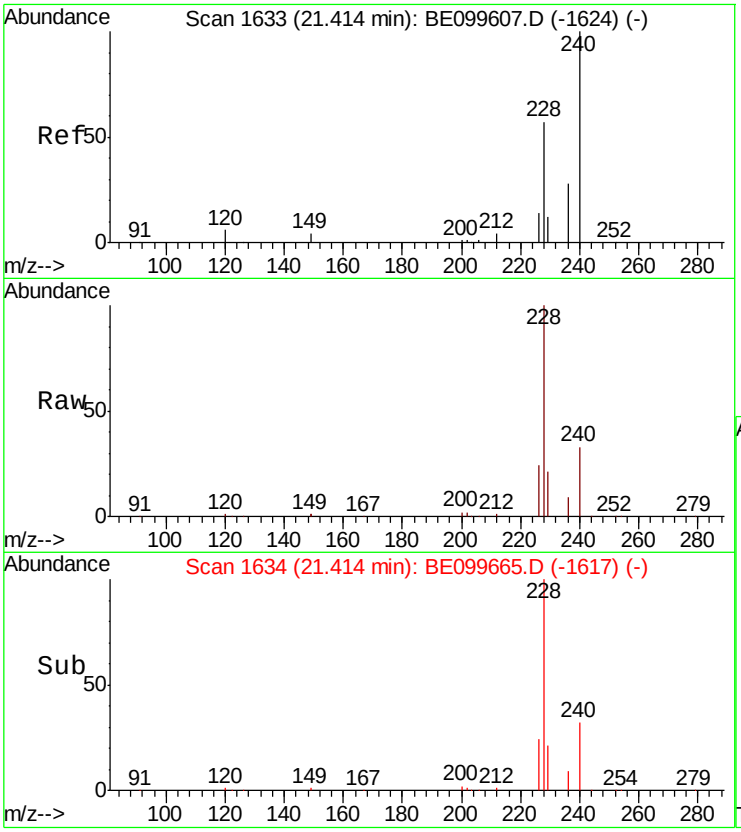


#26
Fluoranthene
Concen: 5.607 ng
RT: 19.29 min Scan# 1397
Delta R.T. -0.00 min
Lab File: BE099665.D
Acq: 20 May 2019 14:50

Tgt Ion:202 Resp: 260959

Ion	Ratio	Lower	Upper
202	100		
101	6.7	5.2	7.8
203	17.5	13.8	20.6



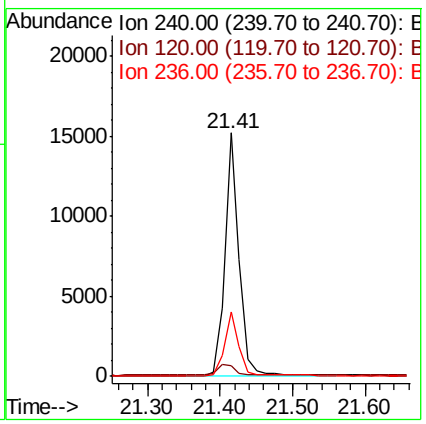


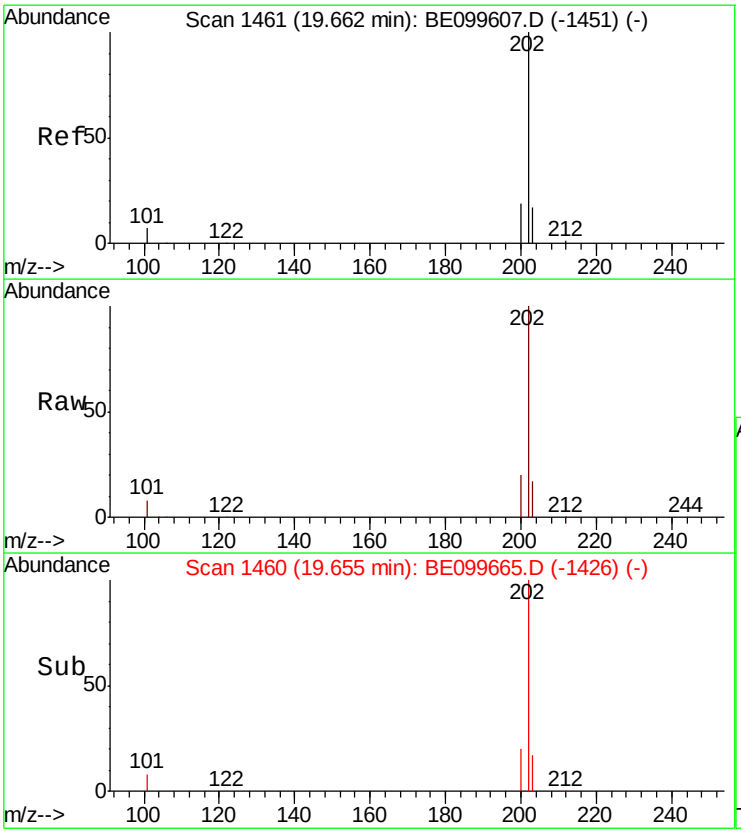
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.41 min Scan# 1634
Delta R.T. -0.00 min
Lab File: BE099665.D
Acq: 20 May 2019 14:50

Instrument :
BNA_E
ClientSampleId :
SSTDICC5.0

Tgt Ion:240 Resp: 20849

Ion	Ratio	Lower	Upper
240	100		
120	4.4	5.4	8.0#
236	26.7	21.7	32.5

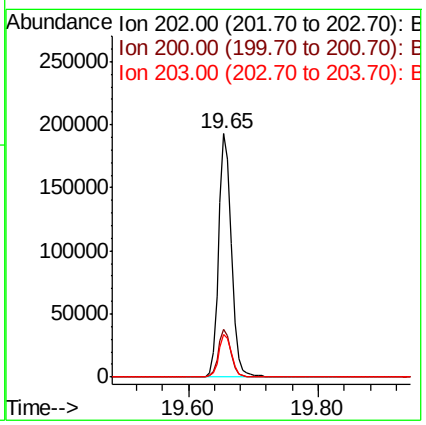


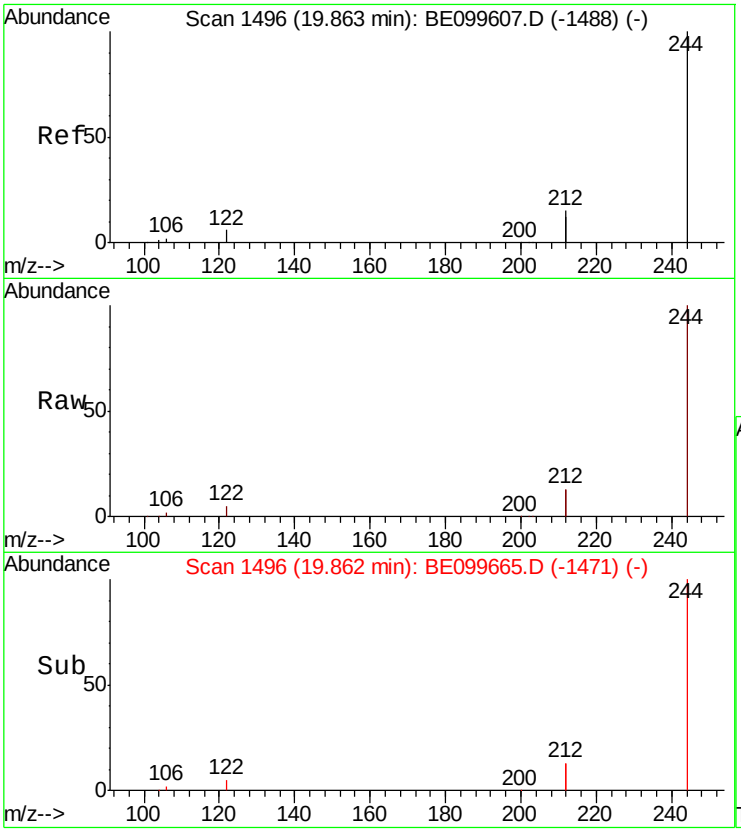


#28
Pyrene
Concen: 5.025 ng
RT: 19.65 min Scan# 1460
Delta R.T. -0.01 min
Lab File: BE099665.D
Acq: 20 May 2019 14:50

Tgt Ion:202 Resp: 267052

Ion	Ratio	Lower	Upper
202	100		
200	19.4	15.4	23.2
203	17.6	13.8	20.8



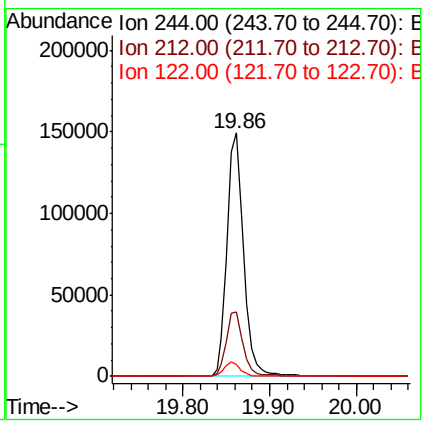


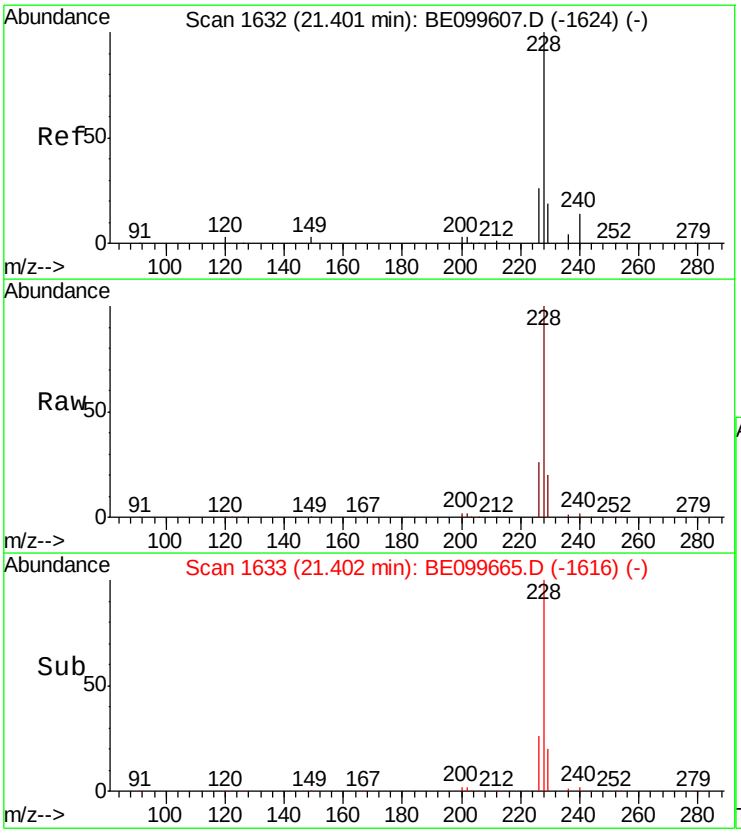
#29
Terphenyl-d14
Concen: 5.234 ng
RT: 19.86 min Scan# 1496
Delta R.T. -0.01 min
Lab File: BE099665.D
Acq: 20 May 2019 14:50

Instrument :
BNA_E
ClientSampleId :
SSTDICC5.0

Tgt Ion:244 Resp: 196419

Ion	Ratio	Lower	Upper
244	100		
212	26.2	22.5	33.7
122	4.8	4.3	6.5

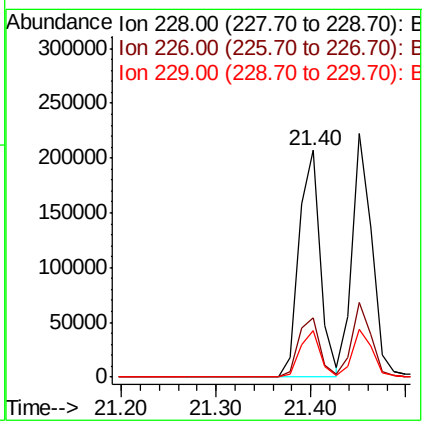


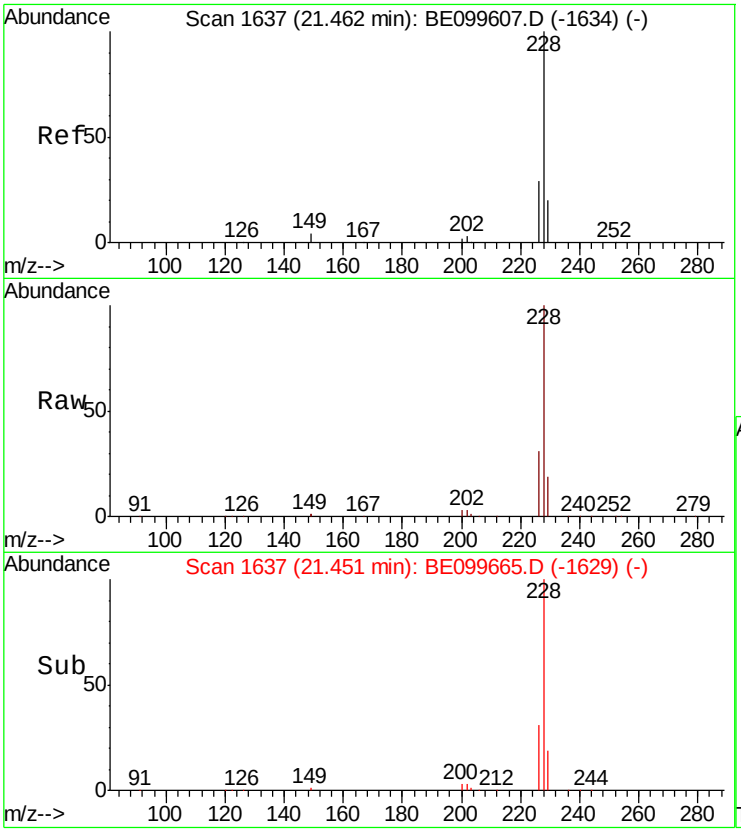


#30
Benzo(a)anthracene
Concen: 5.051 ng
RT: 21.40 min Scan# 1633
Delta R.T. -0.00 min
Lab File: BE099665.D
Acq: 20 May 2019 14:50

Tgt Ion:228 Resp: 318226

Ion	Ratio	Lower	Upper
228	100		
226	26.1	21.3	31.9
229	20.3	16.1	24.1



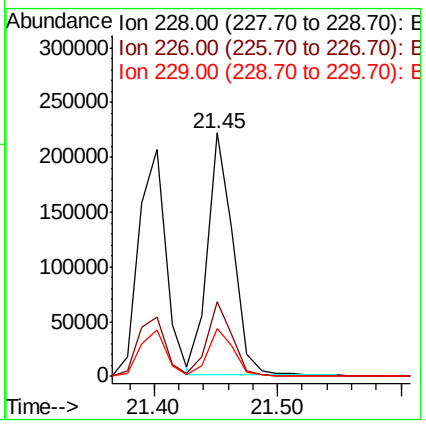


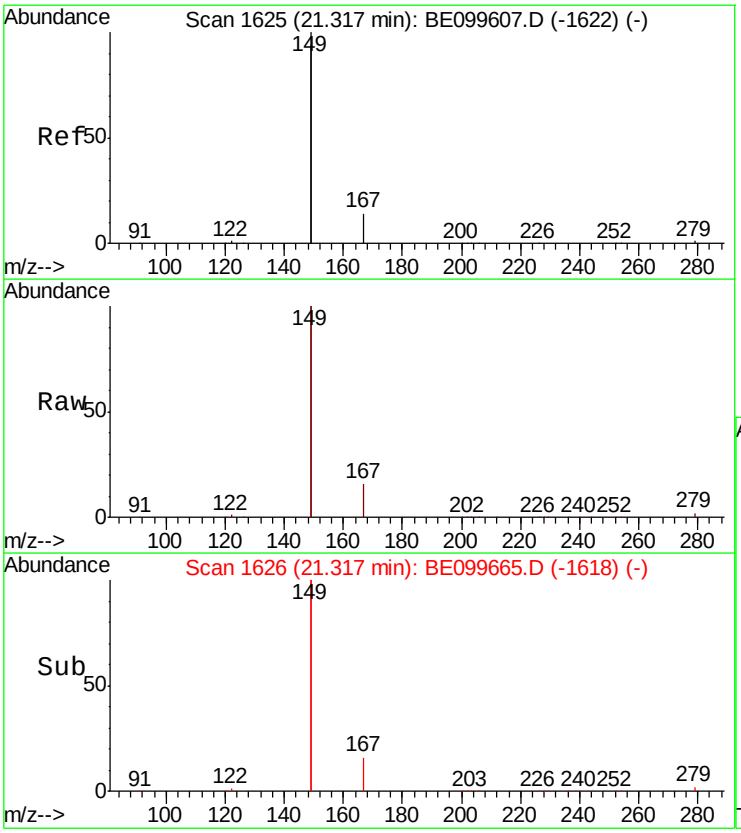
#31
Chrysene
Concen: 4.922 ng
RT: 21.45 min Scan# 1637
Delta R.T. -0.00 min
Lab File: BE099665.D
Acq: 20 May 2019 14:50

Instrument :
BNA_E
ClientSampleId :
SSTDICC5.0

Tgt Ion:228 Resp: 319381

Ion	Ratio	Lower	Upper
228	100		
226	30.5	24.7	37.1
229	19.4	15.8	23.6

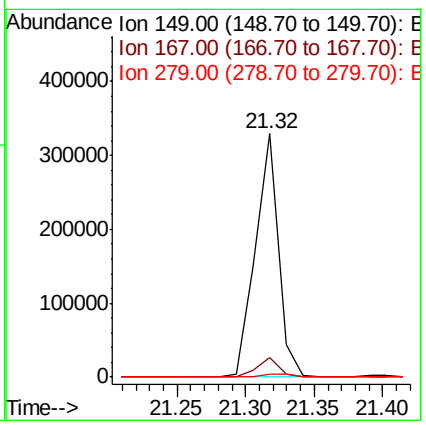


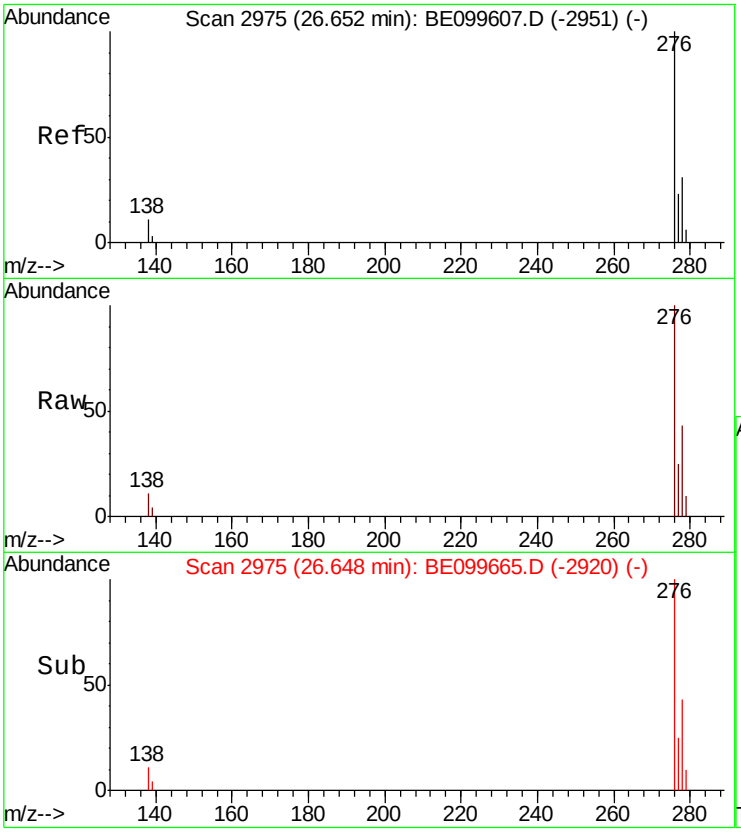


#32
Bis(2-ethylhexyl)phthalate
Concen: 3.956 ng
RT: 21.32 min Scan# 1626
Delta R.T. -0.00 min
Lab File: BE099665.D
Acq: 20 May 2019 14:50

Tgt Ion:149 Resp: 384424

Ion	Ratio	Lower	Upper
149	100		
167	7.6	6.2	9.4
279	1.5	1.2	1.8



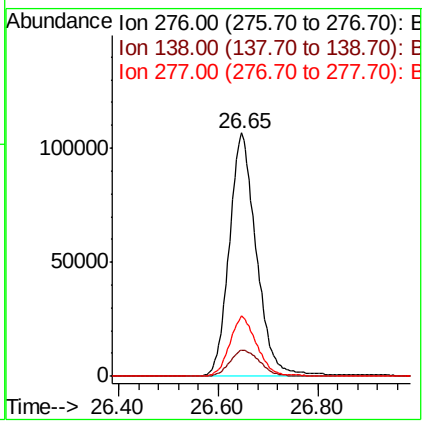


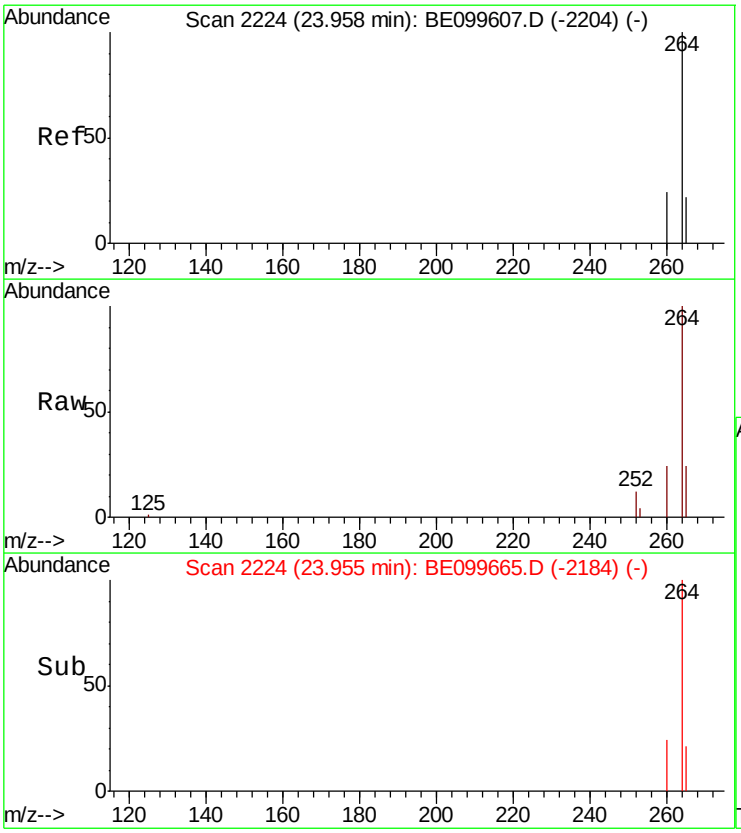
#33
Indeno(1,2,3-cd)pyrene
Concen: 4.982 ng
RT: 26.65 min Scan# 2975
Delta R.T. -0.00 min
Lab File: BE099665.D
Acq: 20 May 2019 14:50

Instrument :
BNA_E
ClientSampleId :
SSTDICC5.0

Tgt Ion:276 Resp: 402398

Ion	Ratio	Lower	Upper
276	100		
138	12.1	9.6	14.4
277	24.9	19.2	28.8

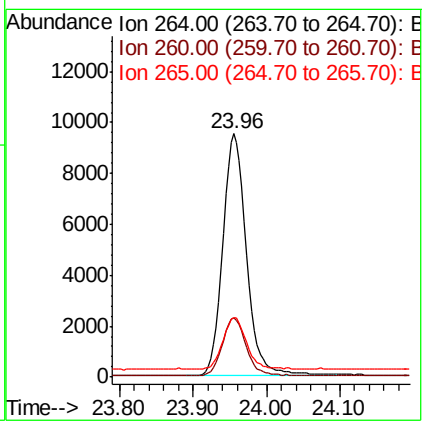


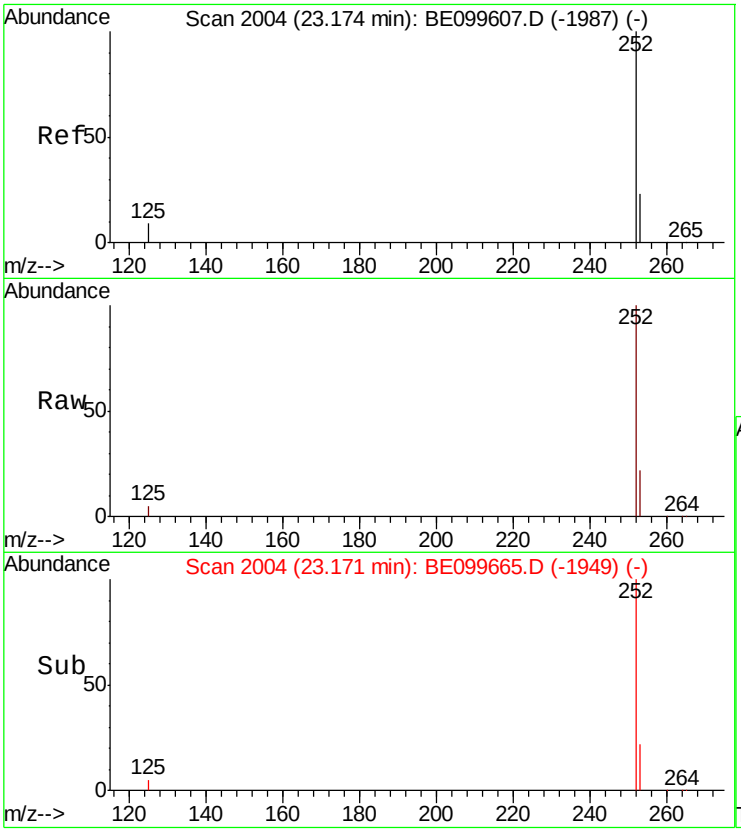


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.96 min Scan# 2224
Delta R.T. -0.01 min
Lab File: BE099665.D
Acq: 20 May 2019 14:50

Tgt Ion:264 Resp: 21729

Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.6	29.4
265	24.1	19.1	28.7



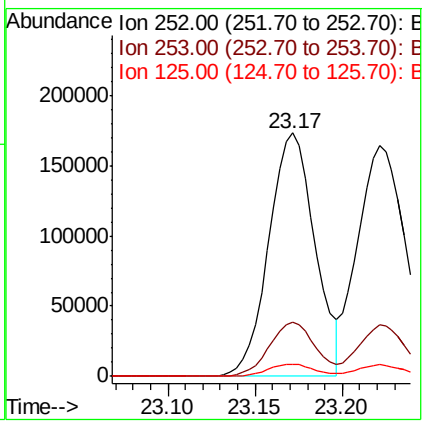


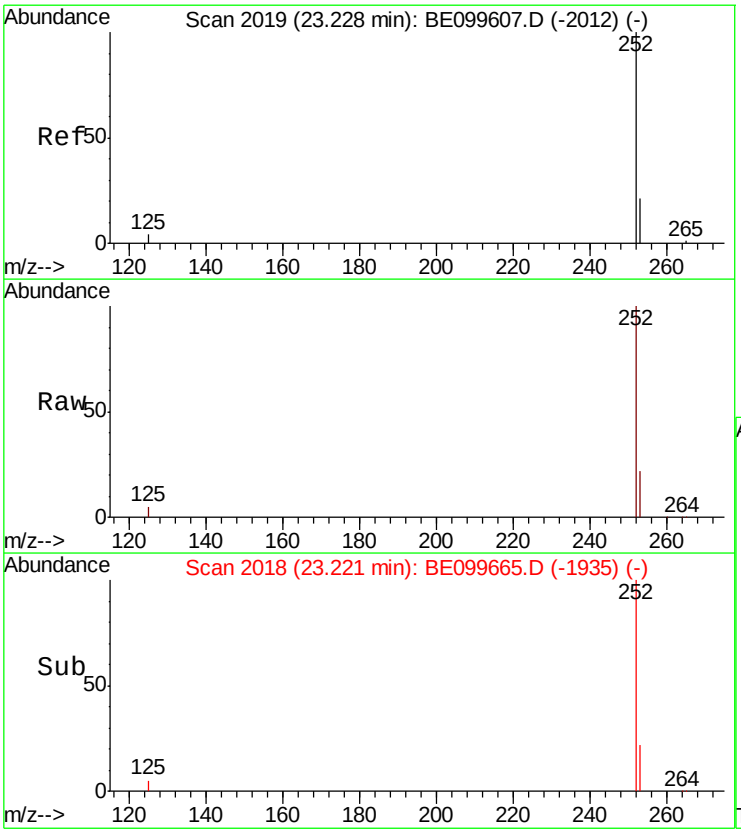
#35
Benzo(b)fluoranthene
Concen: 5.237 ng
RT: 23.17 min Scan# 2004
Delta R.T. -0.00 min
Lab File: BE099665.D
Acq: 20 May 2019 14:50

Instrument :
BNA_E
ClientSampleId :
SSTDICC5.0

Tgt Ion:252 Resp: 318140

Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.2	27.4
125	5.0	4.5	6.7

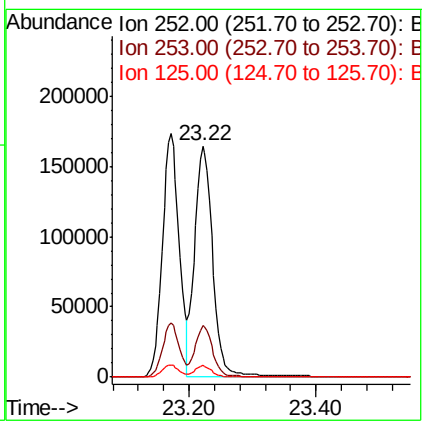


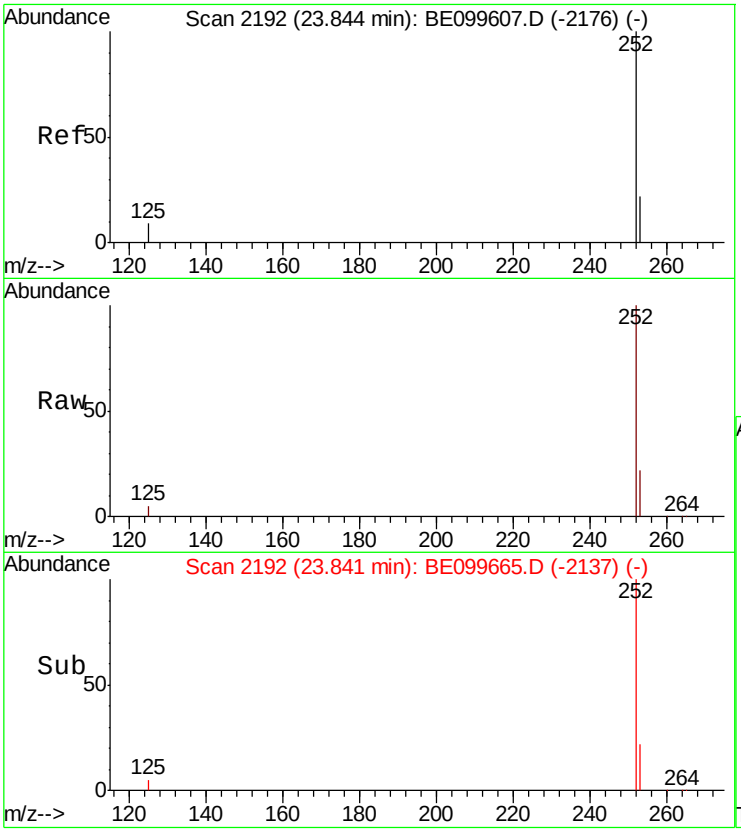


#36
Benzo(k)fluoranthene
Concen: 5.446 ng
RT: 23.22 min Scan# 2018
Delta R.T. -0.01 min
Lab File: BE099665.D
Acq: 20 May 2019 14:50

Tgt Ion:252 Resp: 326779

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.8	26.8
125	4.9	4.6	6.8



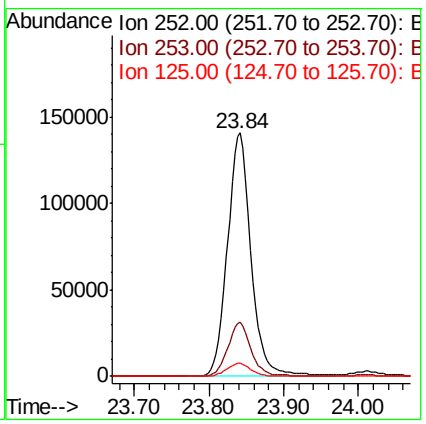


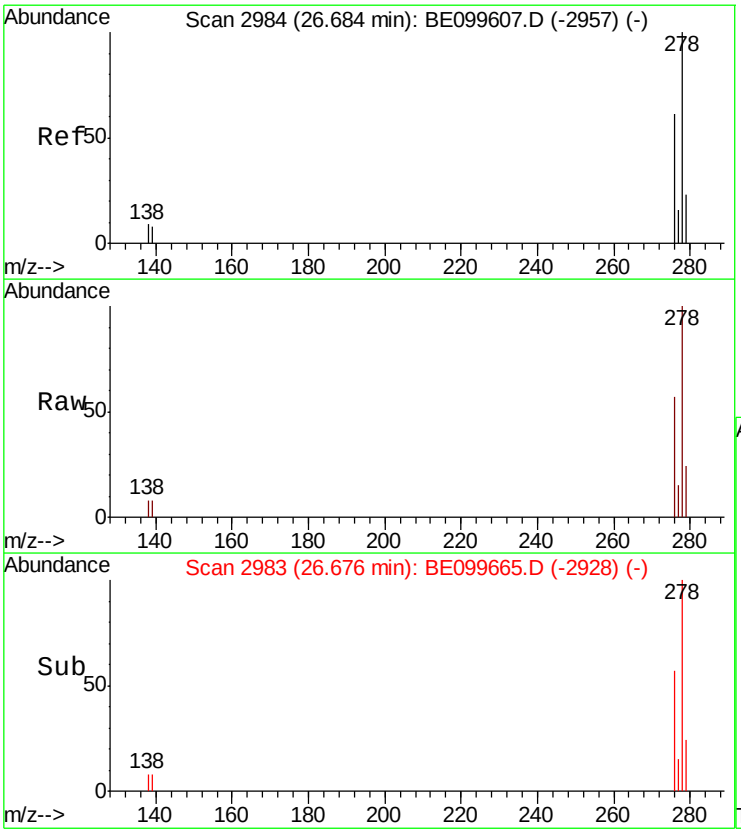
#37
Benzo(a)pyrene
Concen: 5.225 ng
RT: 23.84 min Scan# 2192
Delta R.T. -0.00 min
Lab File: BE099665.D
Acq: 20 May 2019 14:50

Instrument :
BNA_E
ClientSampleId :
SSTDICC5.0

Tgt Ion:252 Resp: 307464

Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.9	28.3
125	5.5	5.4	8.0

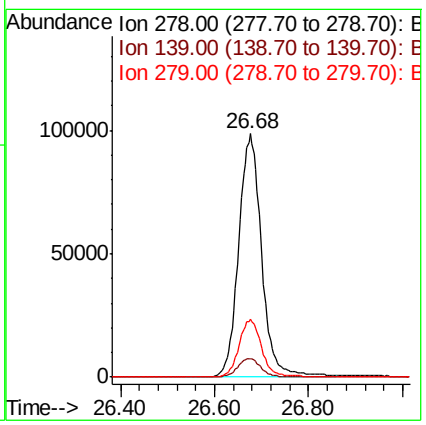


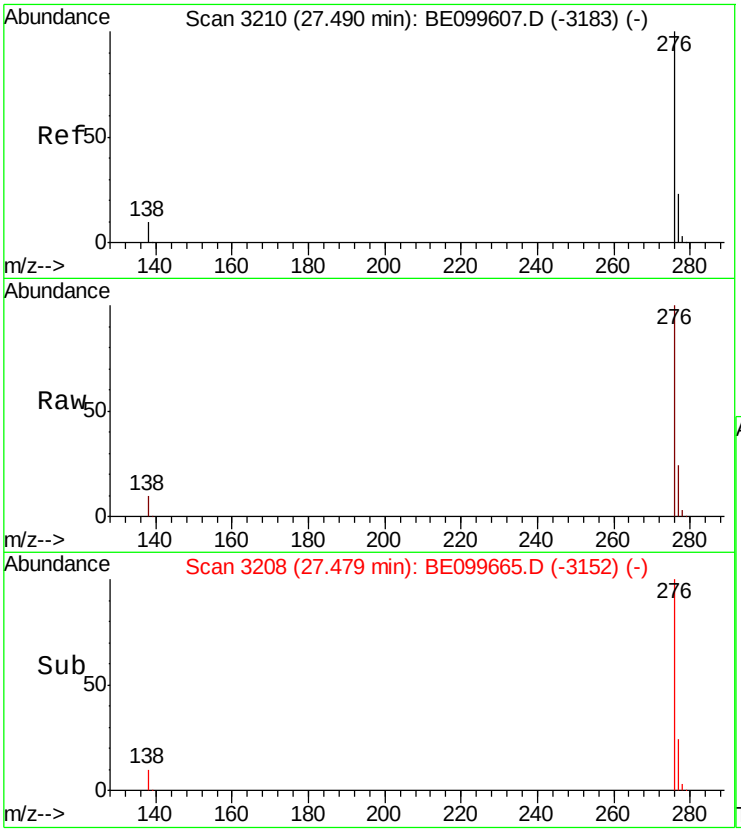


#38
Dibenzo(a,h)anthracene
Concen: 5.476 ng
RT: 26.68 min Scan# 2983
Delta R.T. -0.00 min
Lab File: BE099665.D
Acq: 20 May 2019 14:50

Tgt Ion:278 Resp: 334169

Ion	Ratio	Lower	Upper
278	100		
139	7.6	6.9	10.3
279	23.7	19.2	28.8





#39
Benzo(g,h,i)perylene
Concen: 5.360 ng
RT: 27.48 min Scan# 3208
Delta R.T. -0.00 min
Lab File: BE099665.D
Acq: 20 May 2019 14:50

Instrument :
BNA_E
ClientSampleId :
SSTDICC5.0

Tgt Ion:276 Resp: 328938

Ion	Ratio	Lower	Upper
276	100		
277	24.1	19.8	29.6
138	10.2	9.2	13.8