Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE061319\
Data File : BE099988.D
Acq On : 13 Jun 2019 14:08
Operator : JU/SJ
Sample : K3270-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : TW-02

Quant Time: Jun 14 03:24:21 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE061019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 10 14:57:20 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.78	152	971	0.40	ng		-0.02
7) Naphthalene-d8	10.62	136	3374	0.40	ng		0.01
13) Acenaphthene-d10	14.46	164	5995	0.40	ng		-0.01
19) Phenanthrene-d10	17.21	188	9506	0.40	ng		0.00
27) Chrysene-d12	21.39	240	12530	0.40	ng		-0.01
34) Perylene-d12	23.92	264	13415	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.35	112	7751	2.96	ng		0.00
5) Phenol-d6	6.95	99	564	0.17	ng		-0.02
8) Nitrobenzene-d5	8.95	82	1588	0.50	ng		-0.01
11) 2-Methylnaphthalene-d10	12.20	152	2114	0.36	ng		-0.01
14) 2,4,6-Tribromophenol	15.96	330	1054	0.24	ng		-0.01
15) 2-Fluorobiphenyl	13.07	172	4750	0.21	ng		-0.03
25) Fluoranthene-d10	19.24	212	46462	0.34	ng		-0.01
29) Terphenyl-d14	19.84	244	11865	0.53	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.25	88	33	0.023	ng	#	1
3) n-Nitrosodimethylamine	3.57	42	51	0.062	ng	#	100
6) bis(2-Chloroethyl)ether	7.20	93	652	0.236	ng	#	1
9) Naphthalene	10.72	128	82723011	2271.268	ng		98
12) 2-Methylnaphthalene	12.30	142	2943458	497.440	ng		97
16) Acenaphthylene	14.18	152	55830	1.872	ng	#	48
17) Acenaphthene	14.54	154	1135353	69.892	ng		100
18) Fluorene	15.50	166	517782	21.236	ng		100
22) Pentachlorophenol	16.87	266	133	0.350	ng		96
23) Phenanthrene	17.25	178	1112114	48.213	ng		99
24) Anthracene	17.33	178	222555	10.523	ng		99
26) Fluoranthene	19.28	202	164555	4.197	ng		97
28) Pyrene	19.64	202	242801	7.376	ng		98
30) Benzo(a)anthracene	21.38	228	36622	0.978	ng		92
31) Chrysene	21.43	228	31392	0.811	ng		94
32) Bis(2-ethylhexyl)phthalate	21.29	149	5342	0.099	ng	#	93
33) Indeno(1,2,3-cd)pyrene	26.60	276	9148	0.199	ng		98
35) Benzo(b)fluoranthene	23.15	252	20937	0.557	ng	#	92
36) Benzo(k)fluoranthene	23.15	252	20937	0.532	ng	#	92
37) Benzo(a)pyrene	23.81	252	22009	0.594	ng		99
38) Dibenzo(a,h)anthracene	26.62	278	2232	0.060	ng	#	57
39) Benzo(g,h,i)perylene	27.42	276	9630	0.250	ng		96

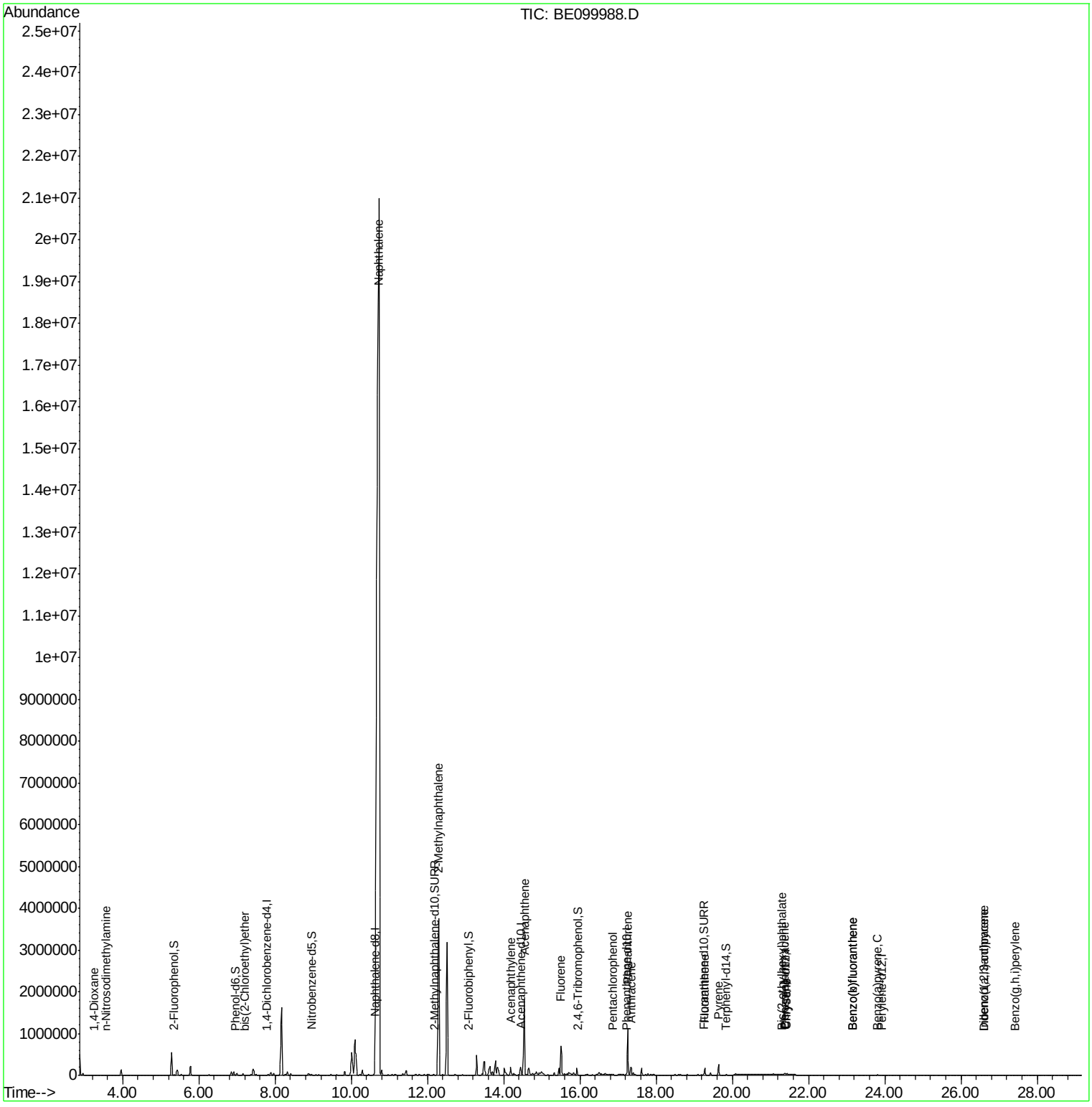
(#) = qualifier out of range (m) = manual integration (+) = signals summed

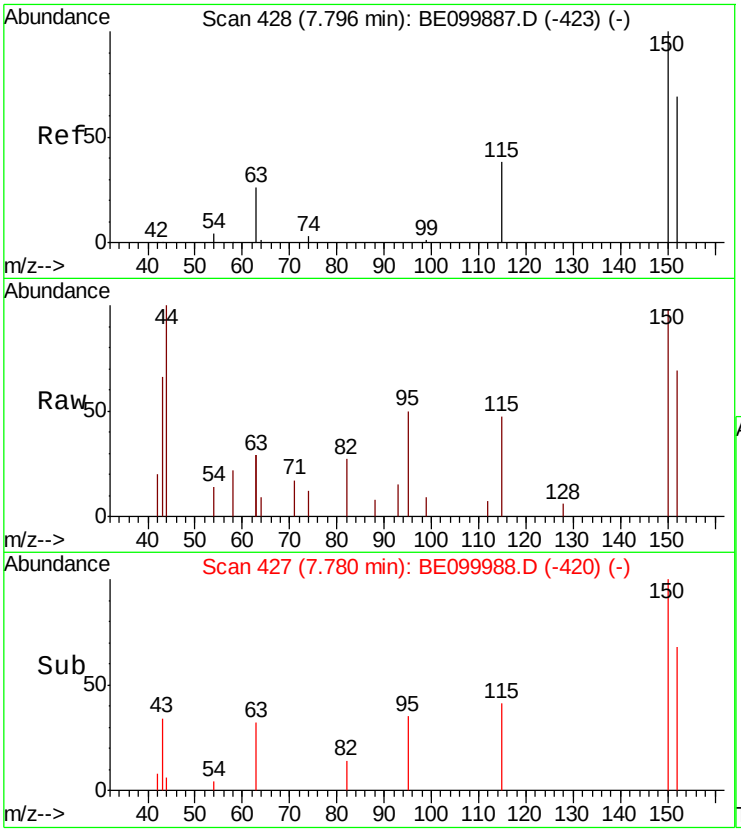
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE061319\
Data File : BE099988.D
Acq On : 13 Jun 2019 14:08
Operator : JU/SJ
Sample : K3270-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
TW-02

Quant Time: Jun 14 03:24:21 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE061019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 10 14:57:20 2019
Response via : Initial Calibration



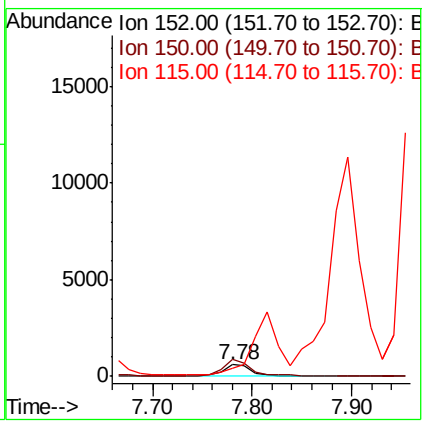


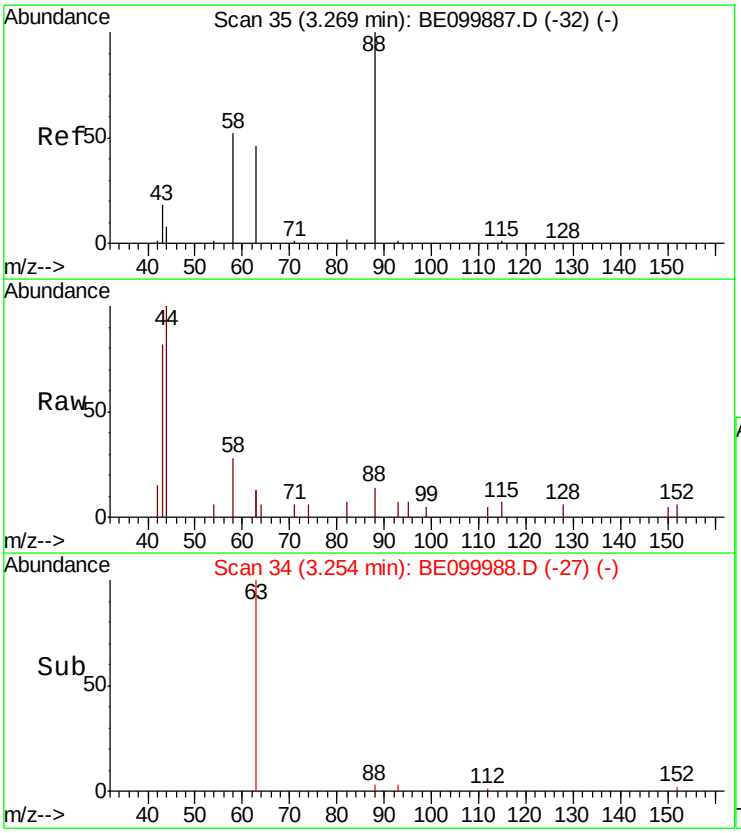
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.78 min Scan# 427
Delta R.T. -0.02 min
Lab File: BE099988.D
Acq: 13 Jun 2019 14:08

Instrument :
BNA_E
ClientSampleId :
TW-02

Tgt Ion:152 Resp: 971

Ion	Ratio	Lower	Upper
152	100		
150	142.5	111.0	166.6
115	68.9	50.7	76.1

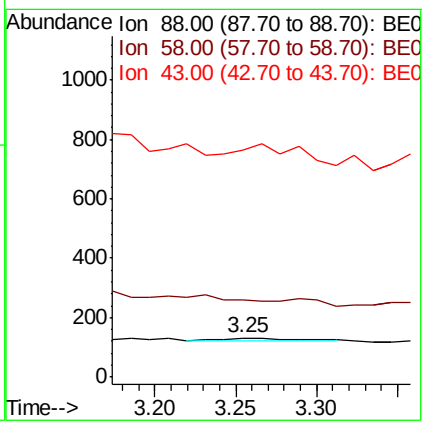


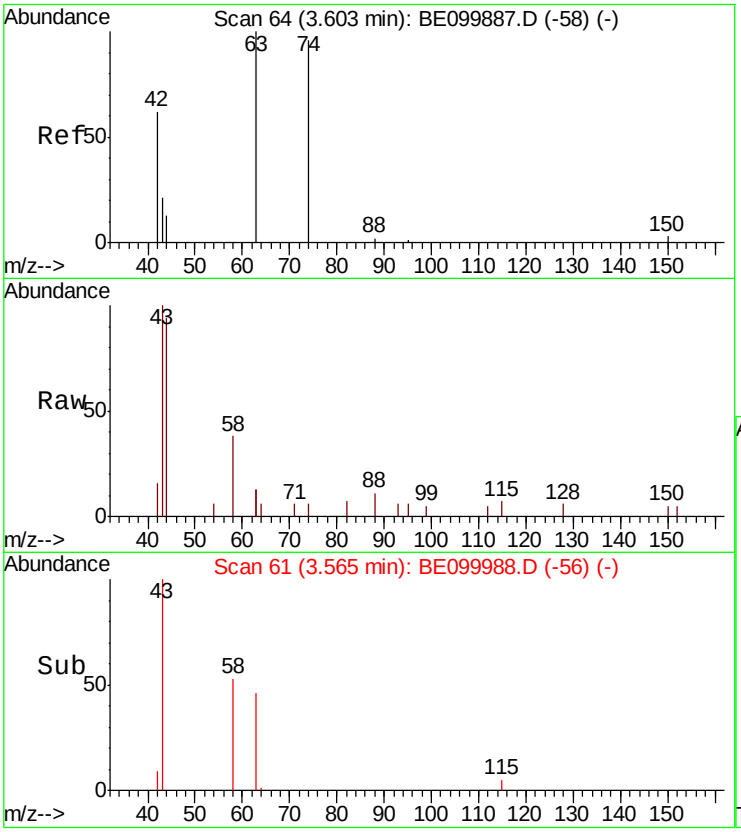


#2
1,4-Dioxane
Concen: 0.023 ng
RT: 3.25 min Scan# 34
Delta R.T. -0.02 min
Lab File: BE099988.D
Acq: 13 Jun 2019 14:08

Tgt Ion: 88 Resp: 33

Ion	Ratio	Lower	Upper
88	100		
58	0.0	48.8	73.2#
43	518.2	19.0	28.6#



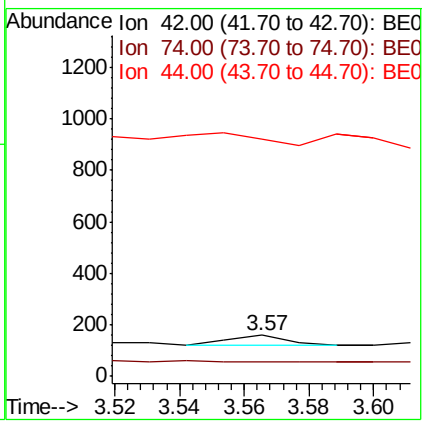


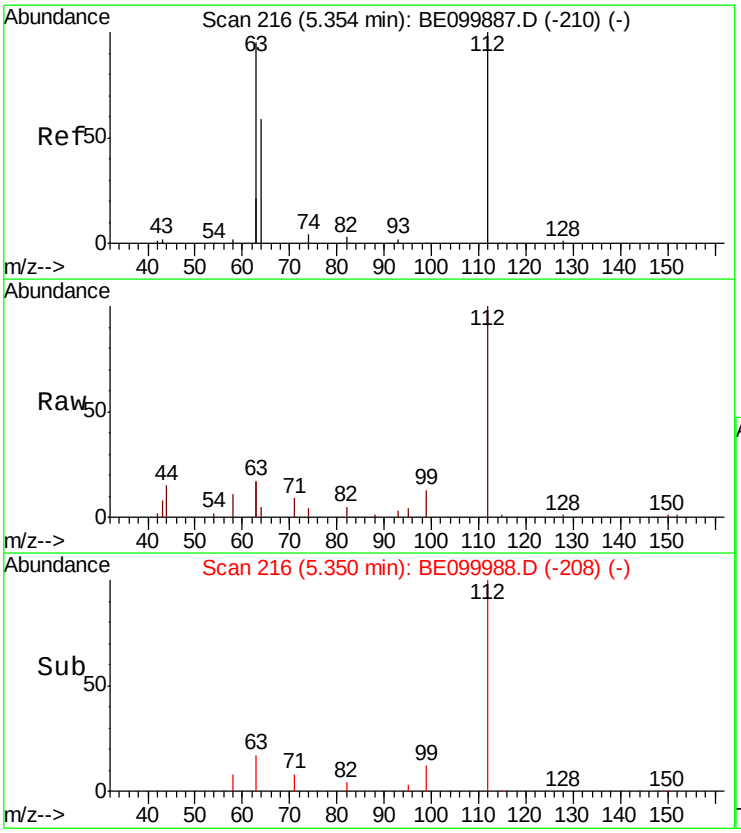
#3
n-Nitrosodimethylamine
Concen: 0.062 ng
RT: 3.57 min Scan# 61
Delta R.T. -0.04 min
Lab File: BE099988.D
Acq: 13 Jun 2019 14:08

Instrument :
BNA_E
ClientSampleId :
TW-02

Tgt Ion: 42 Resp: 51

Ion	Ratio	Lower	Upper
42	100		
74	0.0	0.0	0.0
44	0.0	0.0	0.0

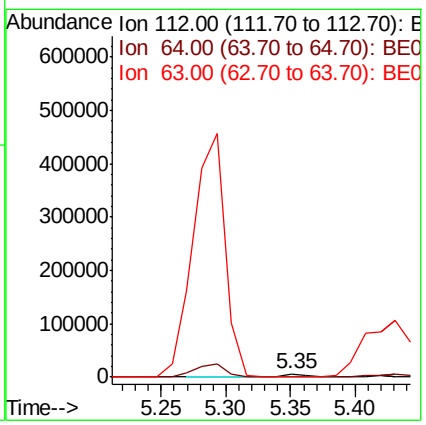


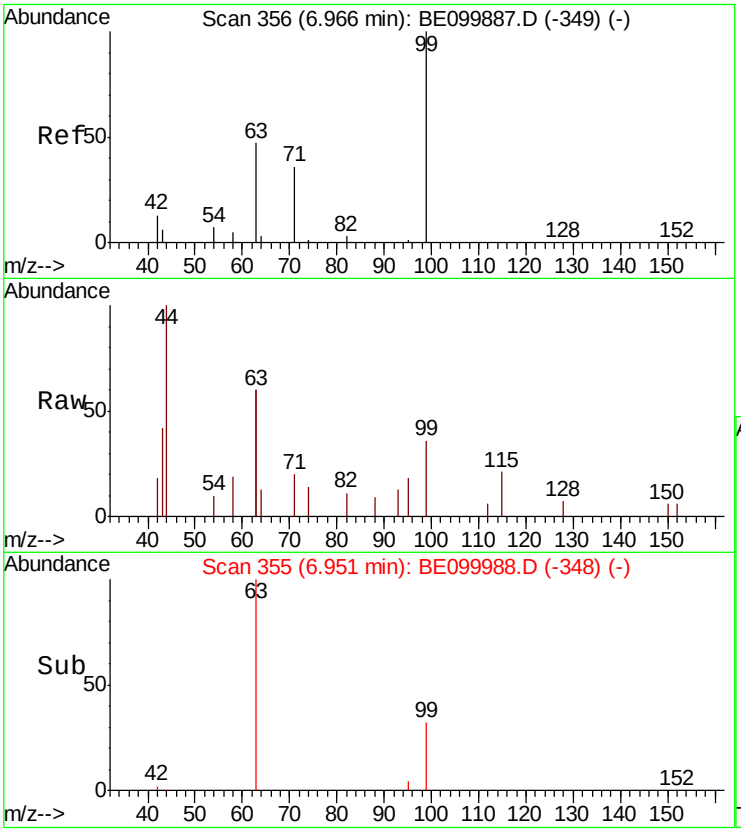


#4
2-Fluorophenol
Concen: 2.957 ng
RT: 5.35 min Scan# 216
Delta R.T. -0.00 min
Lab File: BE099988.D
Acq: 13 Jun 2019 14:08

Tgt Ion:112 Resp: 7751

Ion	Ratio	Lower	Upper
112	100		
64	0.0	44.1	66.1#
63	0.0	87.8	131.6#



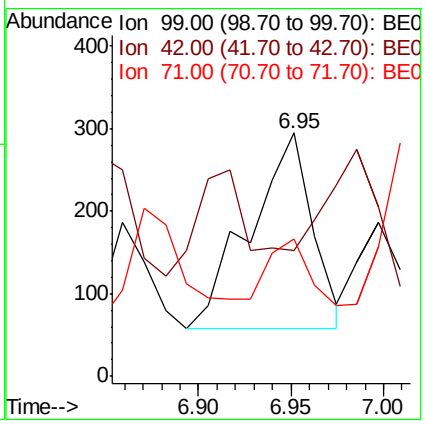


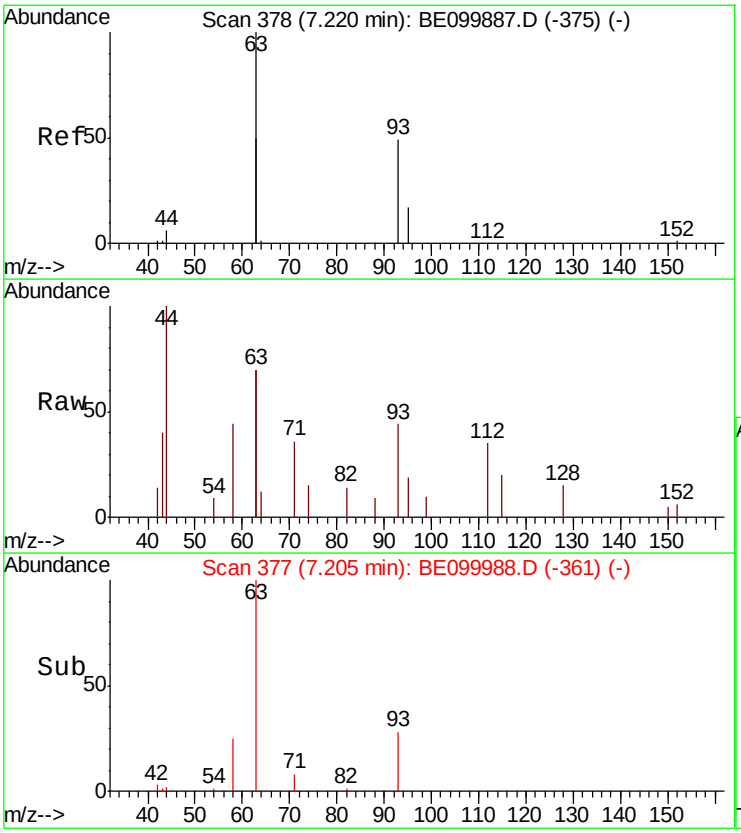
#5
Phenol-d6
Concen: 0.167 ng
RT: 6.95 min Scan# 355
Delta R.T. -0.02 min
Lab File: BE099988.D
Acq: 13 Jun 2019 14:08

Instrument :
BNA_E
ClientSampleId :
TW-02

Tgt Ion: 99 Resp: 564

Ion	Ratio	Lower	Upper
99	100		
42	0.0	15.9	23.9#
71	20.9	34.6	52.0#

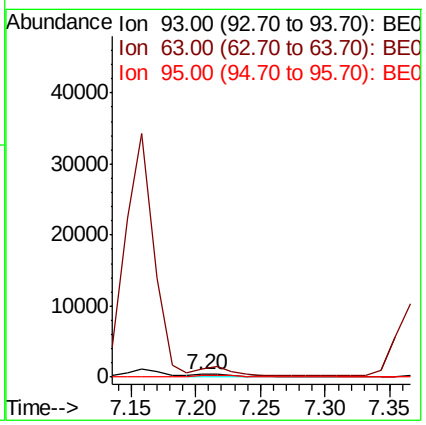


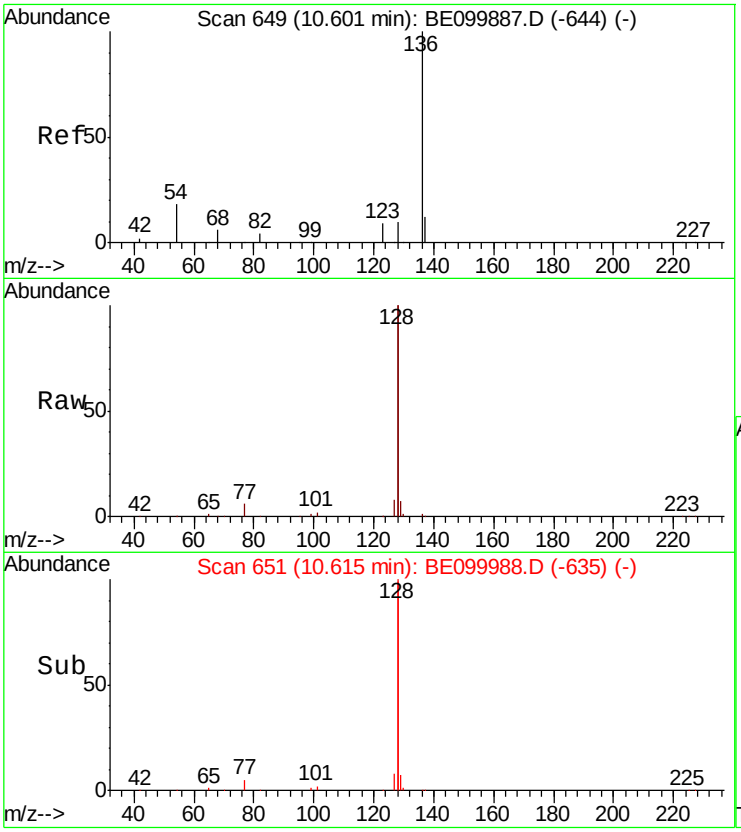


#6
bis(2-Chloroethyl)ether
Concen: 0.236 ng
RT: 7.20 min Scan# 377
Delta R.T. -0.02 min
Lab File: BE099988.D
Acq: 13 Jun 2019 14:08

Tgt Ion: 93 Resp: 652

Ion	Ratio	Lower	Upper
93	100		
63	0.0	202.8	304.2#
95	44.8	23.7	35.5#



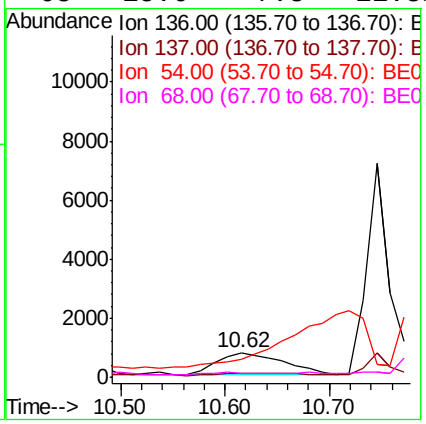


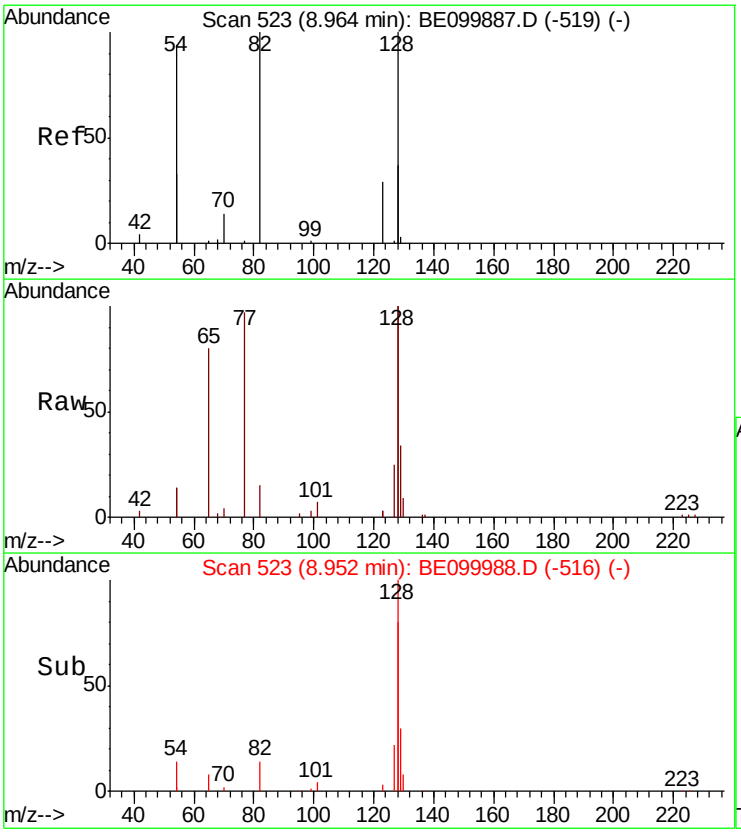
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.62 min Scan# 651
Delta R.T. 0.01 min
Lab File: BE099988.D
Acq: 13 Jun 2019 14:08

Instrument :
BNA_E
ClientSampleId :
TW-02

Tgt Ion:136 Resp: 3374

Ion	Ratio	Lower	Upper
136	100		
137	17.2	12.3	18.5
54	72.8	28.2	42.4#
68	15.6	7.8	11.8#

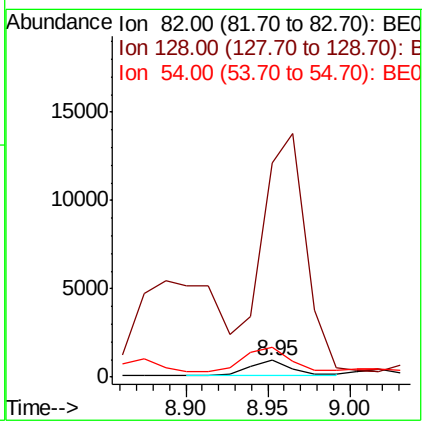


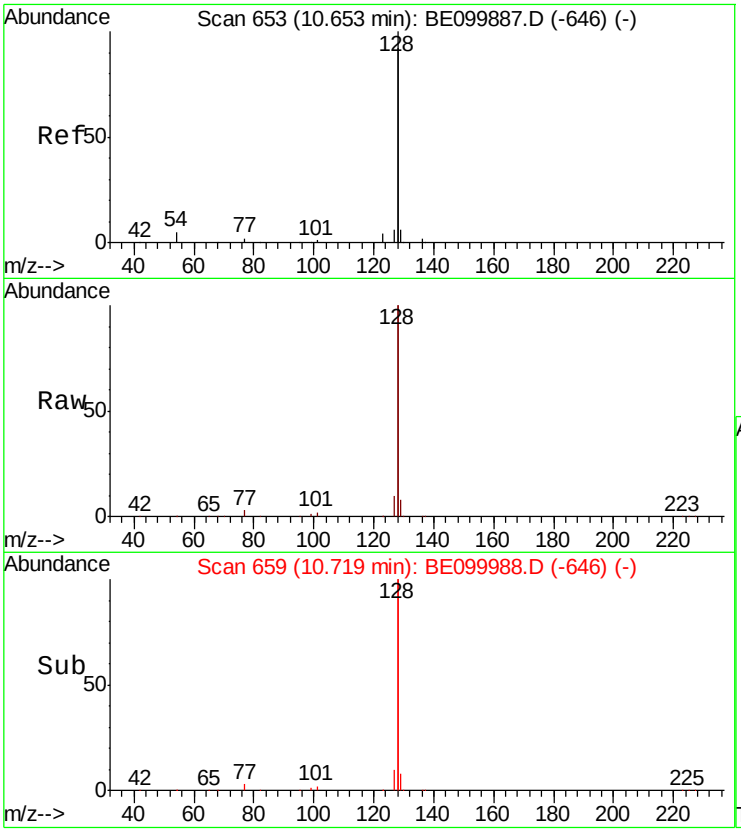


#8
Nitrobenzene-d5
Concen: 0.497 ng
RT: 8.95 min Scan# 523
Delta R.T. -0.01 min
Lab File: BE099988.D
Acq: 13 Jun 2019 14:08

Tgt Ion: 82 Resp: 1588

Ion	Ratio	Lower	Upper
82	100		
128	1297.0	137.3	205.9#
54	179.7	129.7	194.5



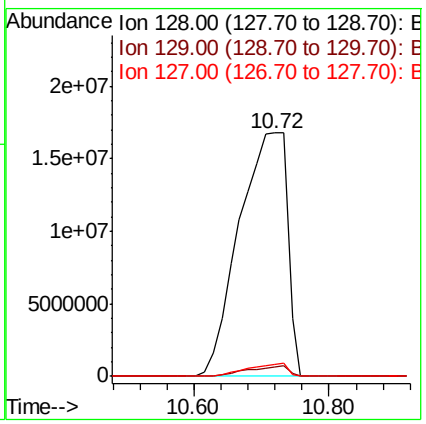


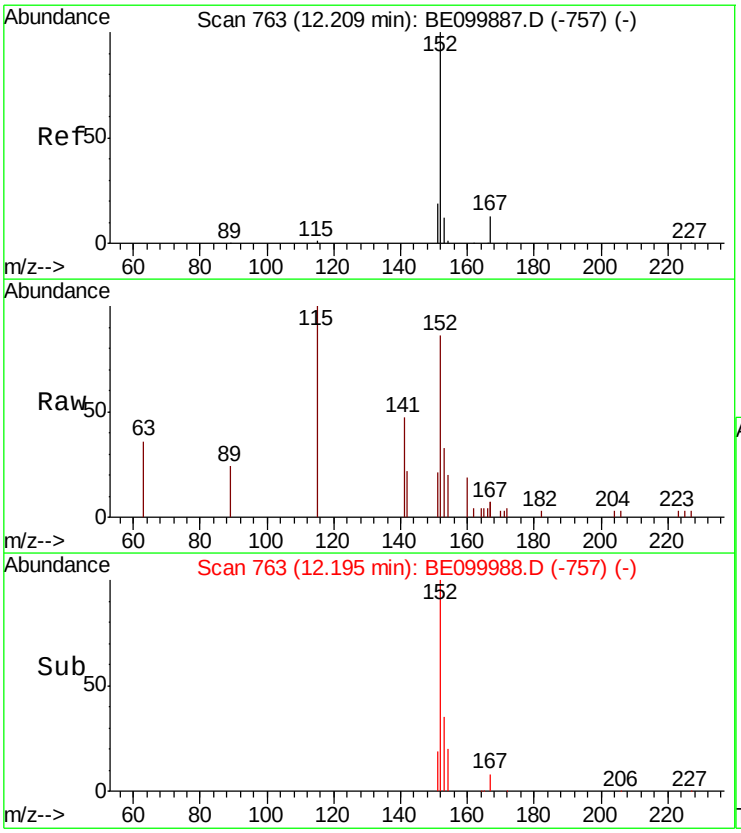
#9
Naphthalene
Concen: 2271.268 ng
RT: 10.72 min Scan# 659
Delta R.T. 0.07 min
Lab File: BE099988.D
Acq: 13 Jun 2019 14:08

Instrument :
BNA_E
ClientSampleId :
TW-02

Tgt Ion:128 Resp:82723011

Ion	Ratio	Lower	Upper
128	100		
129	4.0	3.0	4.6
127	5.0	3.4	5.0

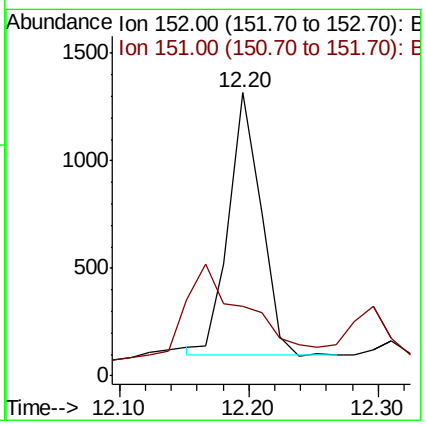


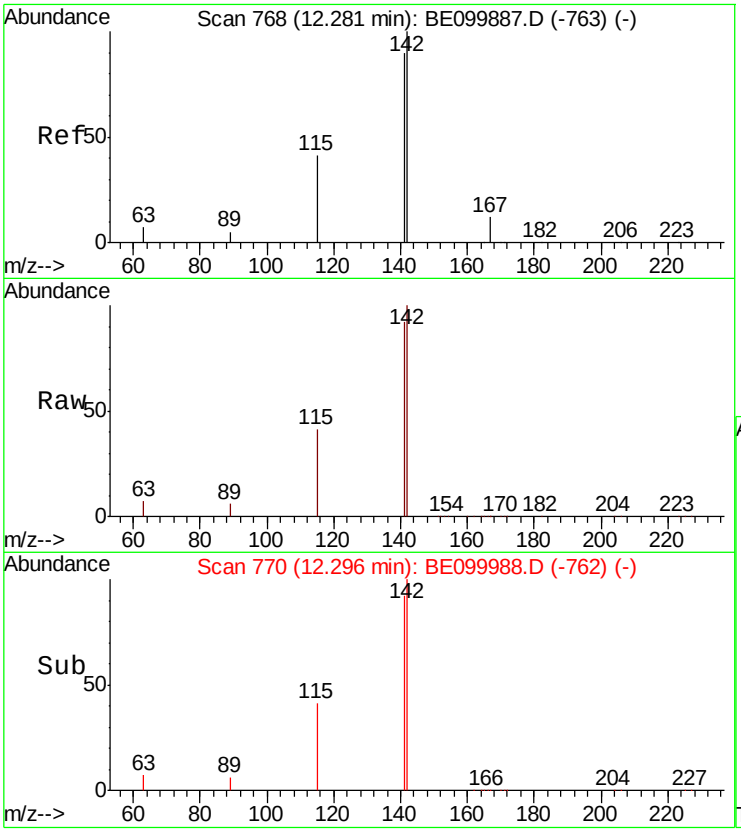


#11
2-Methylnaphthalene-d10
Concen: 0.359 ng
RT: 12.20 min Scan# 763
Delta R.T. -0.01 min
Lab File: BE099988.D
Acq: 13 Jun 2019 14:08

Tgt Ion:152 Resp: 2114

Ion	Ratio	Lower	Upper
152	100		
151	0.0	15.2	22.8#



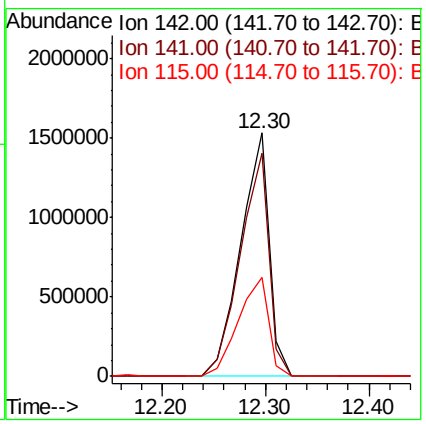


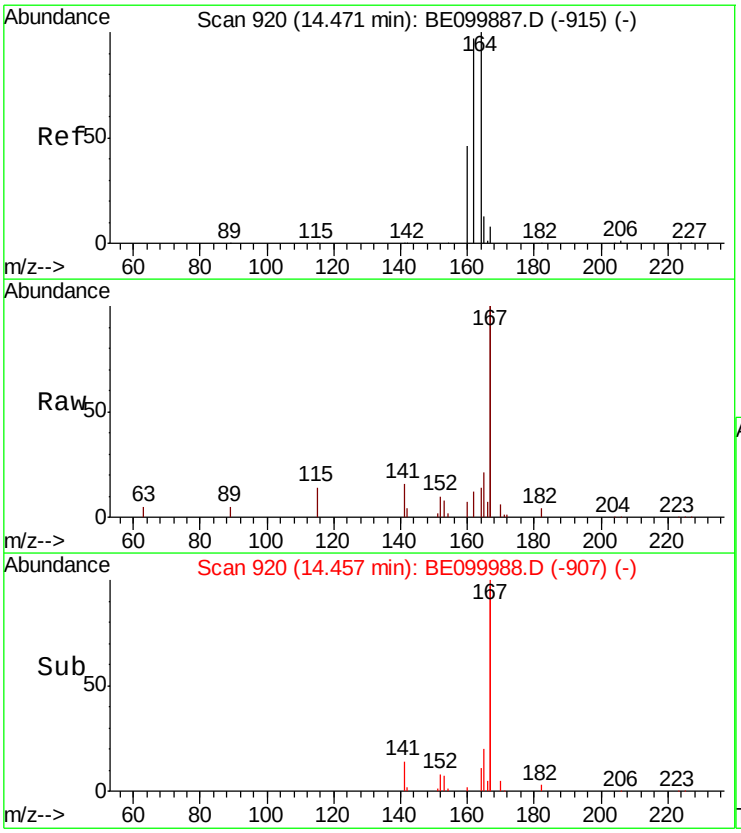
#12
2-Methylnaphthalene
Concen: 497.440 ng
RT: 12.30 min Scan# 770
Delta R.T. 0.02 min
Lab File: BE099988.D
Acq: 13 Jun 2019 14:08

Instrument :
BNA_E
ClientSampleId :
TW-02

Tgt Ion:142 Resp: 2943458

Ion	Ratio	Lower	Upper
142	100		
141	91.7	72.3	108.5
115	40.8	36.4	54.6

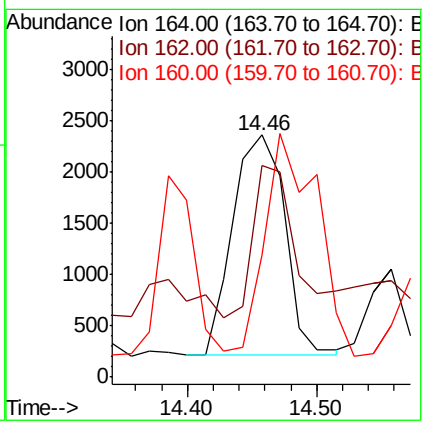


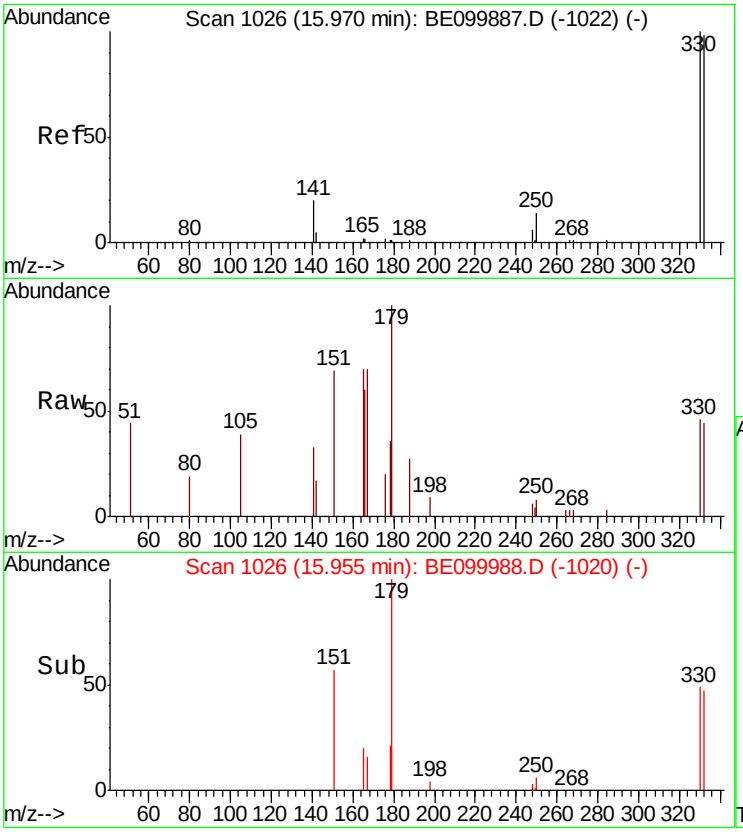


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.46 min Scan# 920
Delta R.T. -0.01 min
Lab File: BE099988.D
Acq: 13 Jun 2019 14:08

Tgt Ion:164 Resp: 5995

Ion	Ratio	Lower	Upper
164	100		
162	87.3	77.8	116.8
160	50.7	38.2	57.4



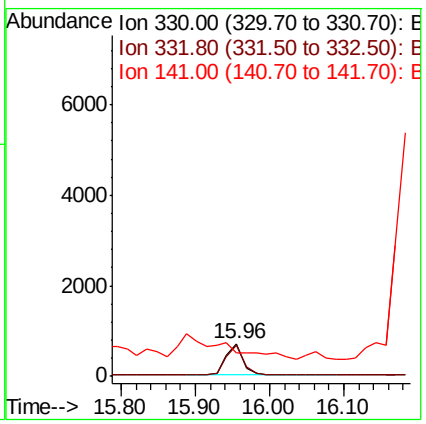


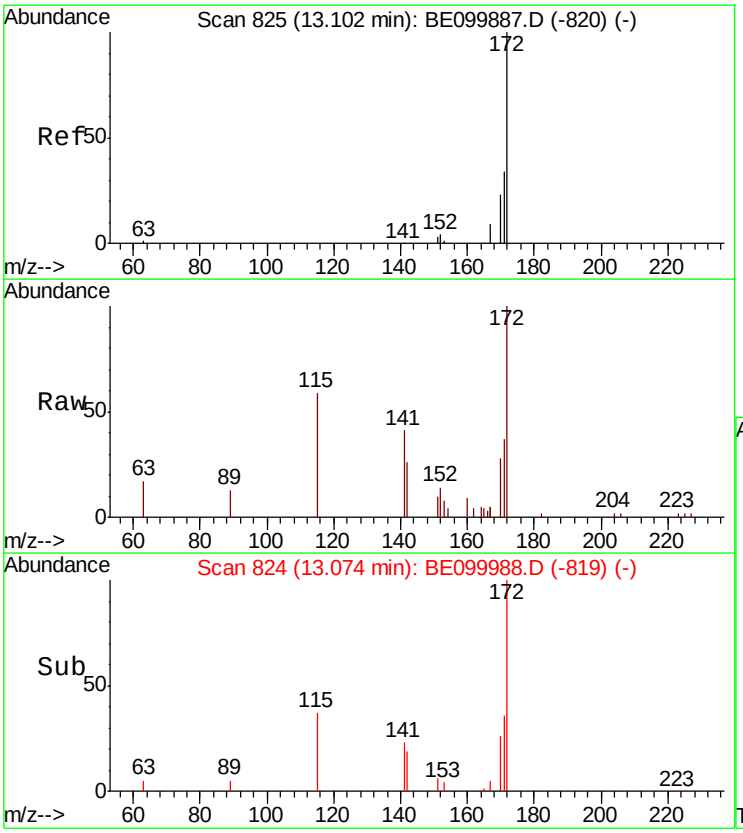
#14
2,4,6-Tribromophenol
Concen: 0.238 ng
RT: 15.96 min Scan# 1026
Delta R.T. -0.01 min
Lab File: BE099988.D
Acq: 13 Jun 2019 14:08

Instrument :
BNA_E
ClientSampleId :
TW-02

Tgt Ion:330 Resp: 1054

Ion	Ratio	Lower	Upper
330	100		
332	94.5	76.7	115.1
141	0.0	21.0	31.6#

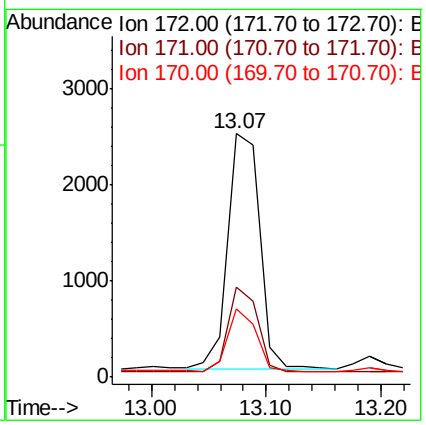


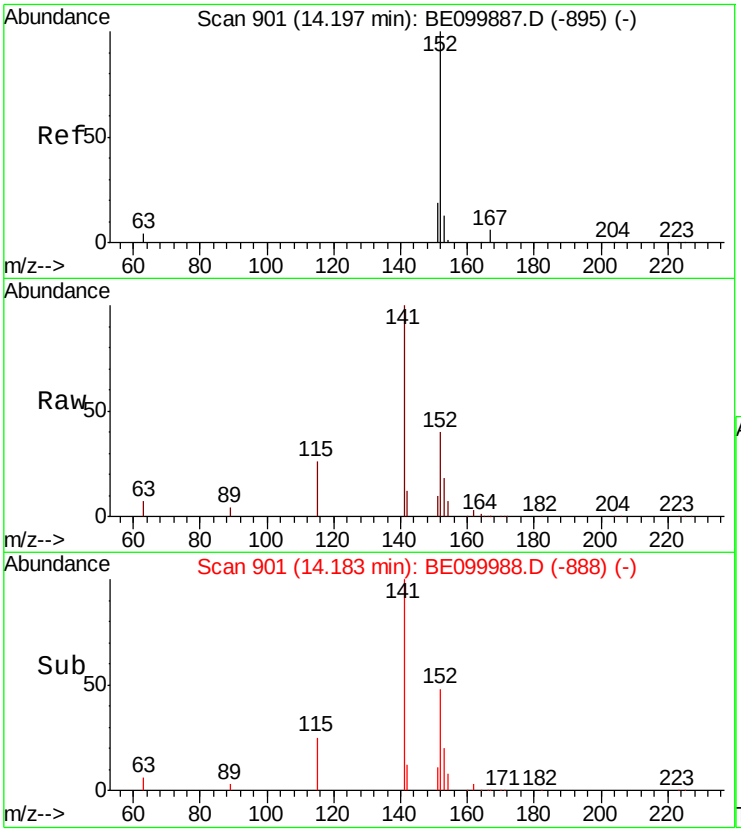


#15
2-Fluorobiphenyl
Concen: 0.209 ng
RT: 13.07 min Scan# 824
Delta R.T. -0.03 min
Lab File: BE099988.D
Acq: 13 Jun 2019 14:08

Tgt Ion:172 Resp: 4750

Ion	Ratio	Lower	Upper
172	100		
171	37.1	29.2	43.8
170	28.0	21.2	31.8



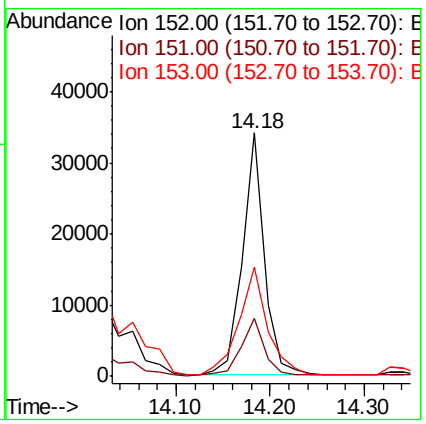


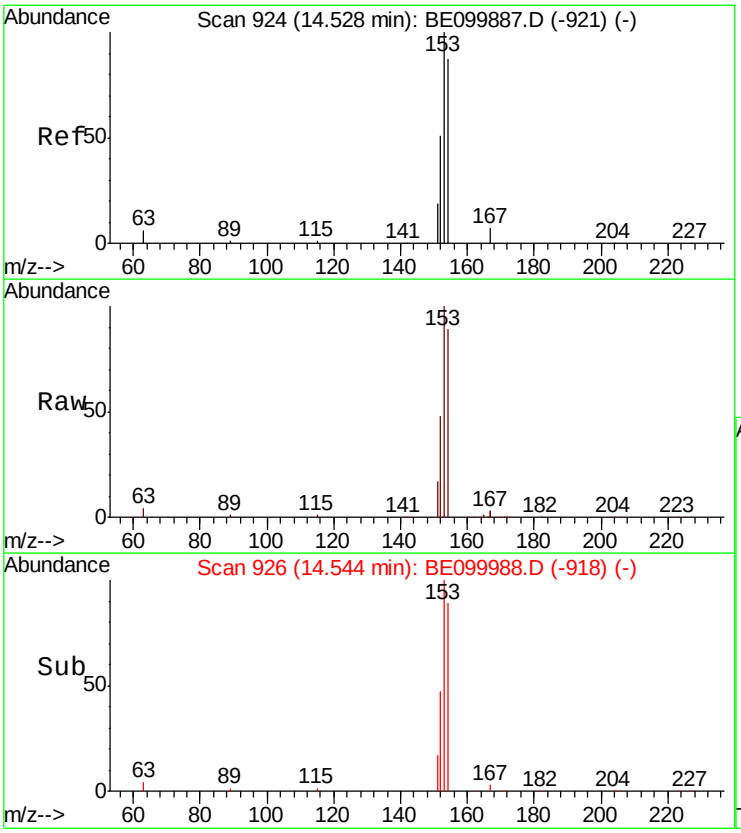
#16
Acenaphthylene
Concen: 1.872 ng
RT: 14.18 min Scan# 901
Delta R.T. -0.01 min
Lab File: BE099988.D
Acq: 13 Jun 2019 14:08

Instrument :
BNA_E
ClientSampleId :
TW-02

Tgt Ion:152 Resp: 55830

Ion	Ratio	Lower	Upper
152	100		
151	24.9	15.5	23.3#
153	57.4	10.2	15.2#

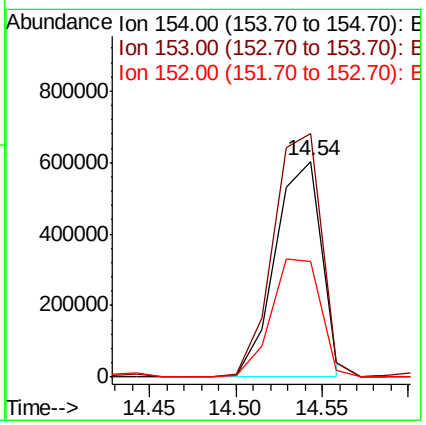


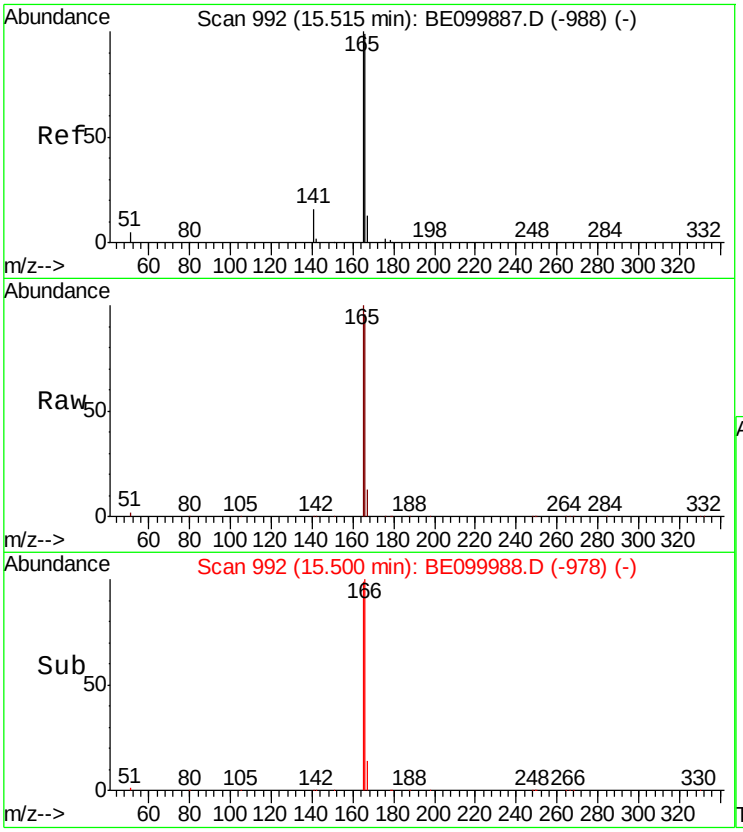


#17
Acenaphthene
Concen: 69.892 ng
RT: 14.54 min Scan# 926
Delta R.T. 0.02 min
Lab File: BE099988.D
Acq: 13 Jun 2019 14:08

Tgt Ion:154 Resp: 1135353

Ion	Ratio	Lower	Upper
154	100		
153	116.9	93.1	139.7
152	58.3	47.0	70.4



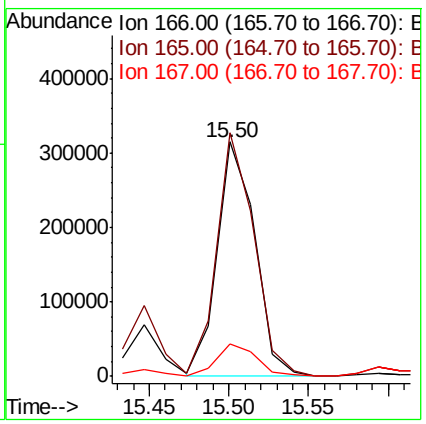


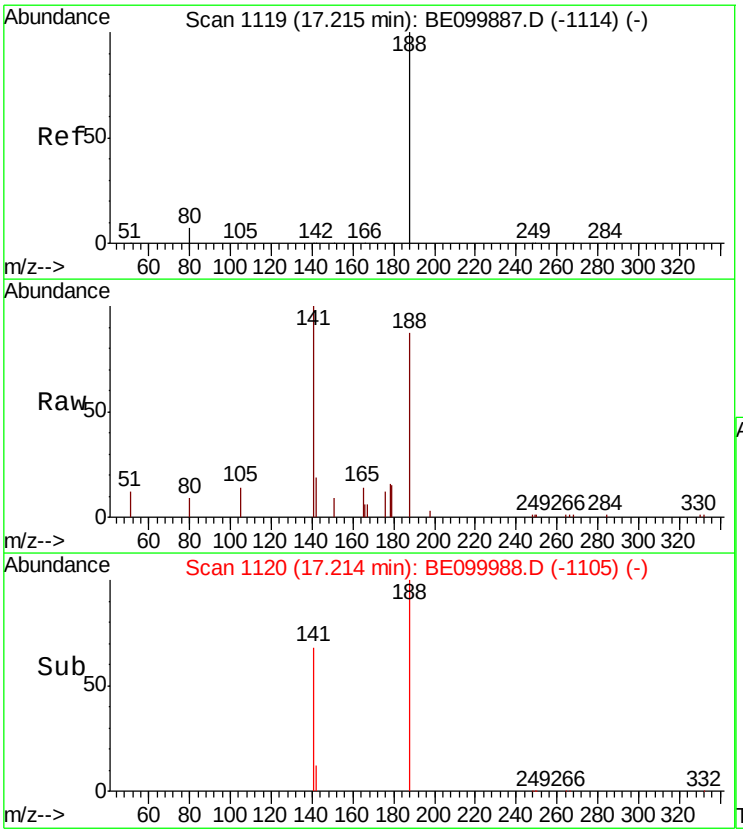
#18
Fluorene
Concen: 21.236 ng
RT: 15.50 min Scan# 992
Delta R.T. -0.01 min
Lab File: BE099988.D
Acq: 13 Jun 2019 14:08

Instrument :
BNA_E
ClientSampleId :
TW-02

Tgt Ion:166 Resp: 517782

Ion	Ratio	Lower	Upper
166	100		
165	102.7	81.8	122.8
167	14.2	11.2	16.8

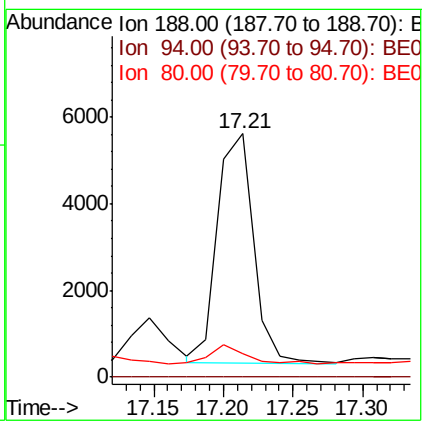


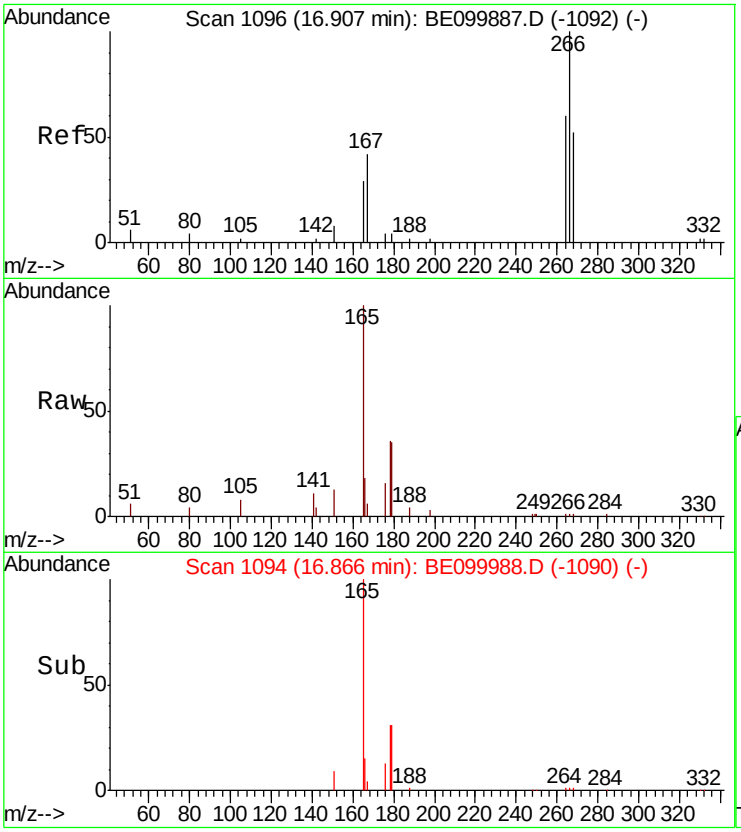


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.21 min Scan# 1120
Delta R.T. -0.00 min
Lab File: BE099988.D
Acq: 13 Jun 2019 14:08

Tgt Ion:188 Resp: 9506

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	9.8	6.4	9.6#



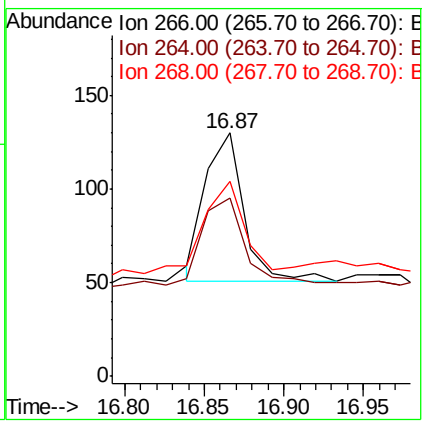


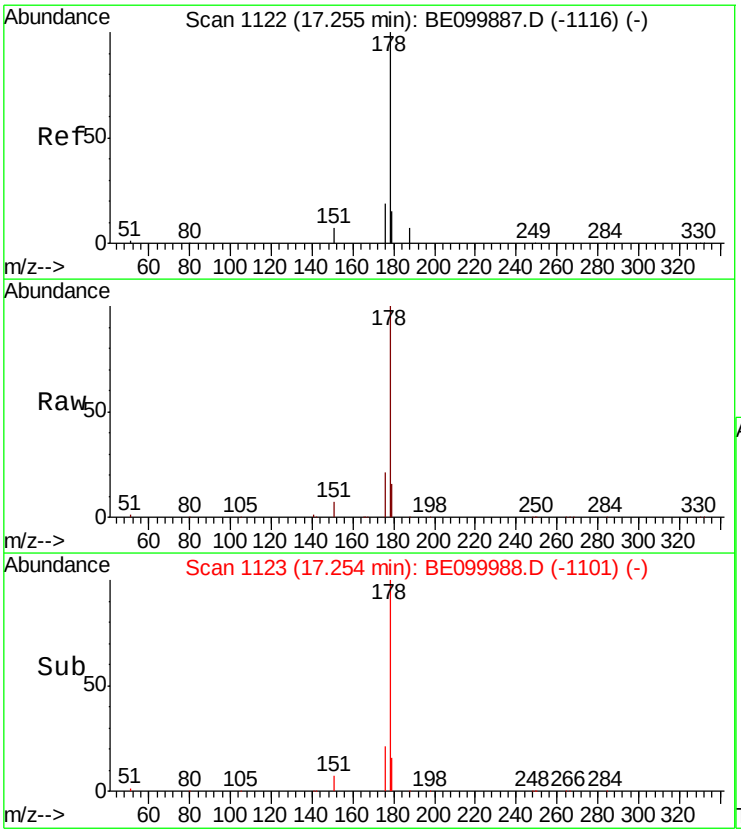
#22
Pentachlorophenol
Concen: 0.350 ng
RT: 16.87 min Scan# 1094
Delta R.T. -0.04 min
Lab File: BE099988.D
Acq: 13 Jun 2019 14:08

Instrument :
BNA_E
ClientSampleId :
TW-02

Tgt Ion:266 Resp: 133

Ion	Ratio	Lower	Upper
266	100		
264	73.1	62.2	93.2
268	80.0	65.5	98.3

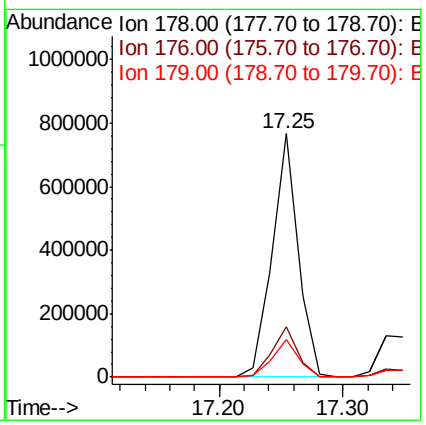


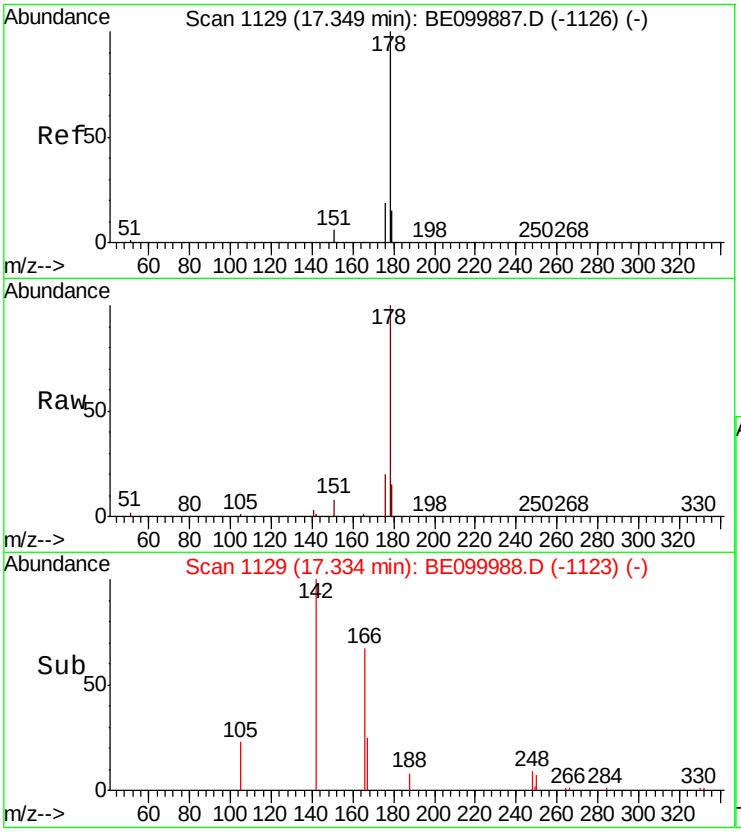


#23
Phenanthrene
Concen: 48.213 ng
RT: 17.25 min Scan# 1123
Delta R.T. -0.00 min
Lab File: BE099988.D
Acq: 13 Jun 2019 14:08

Tgt Ion:178 Resp: 1112114

Ion	Ratio	Lower	Upper
178	100		
176	20.3	15.8	23.8
179	15.7	12.4	18.6



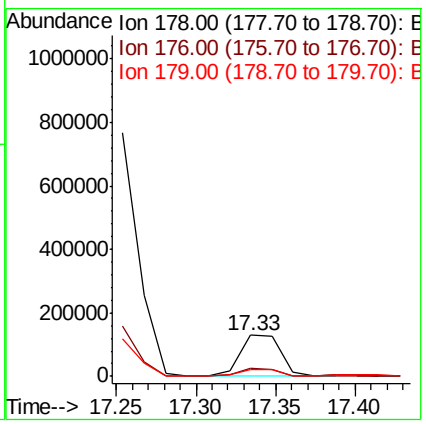


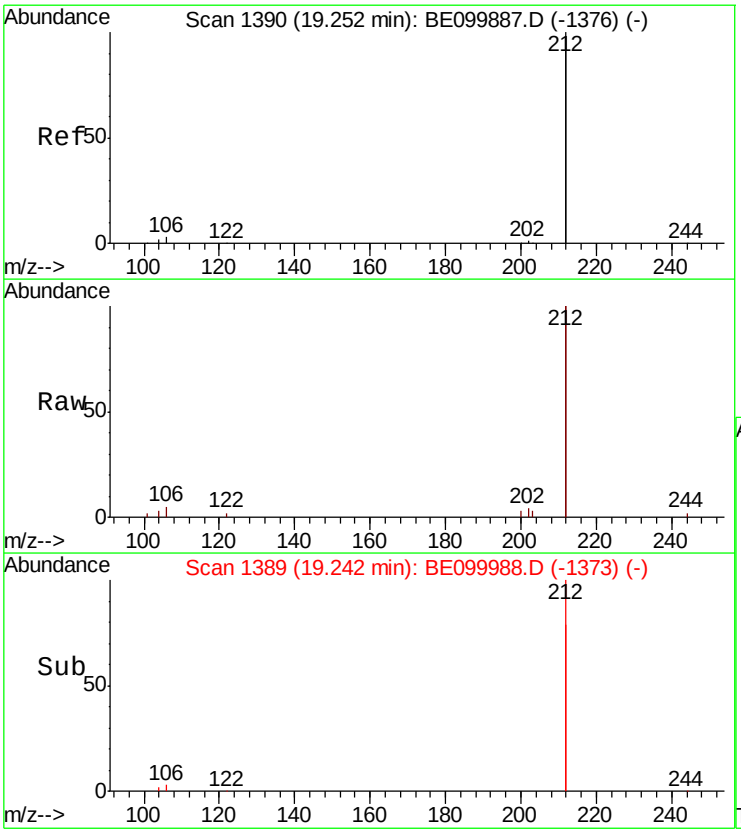
#24
Anthracene
Concen: 10.523 ng
RT: 17.33 min Scan# 1129
Delta R.T. -0.01 min
Lab File: BE099988.D
Acq: 13 Jun 2019 14:08

Instrument :
BNA_E
ClientSampleId :
TW-02

Tgt Ion:178 Resp: 222555

Ion	Ratio	Lower	Upper
178	100		
176	19.4	14.6	22.0
179	15.5	12.3	18.5

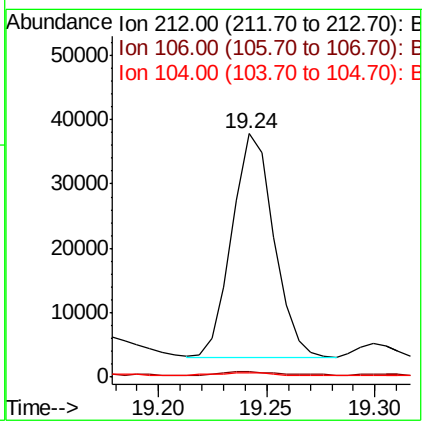


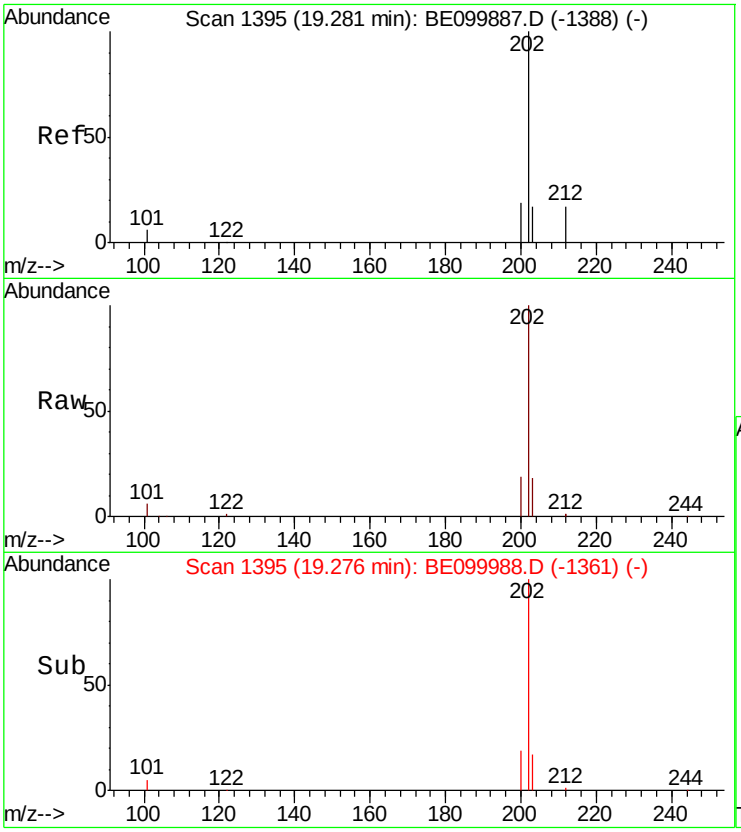


#25
Fluoranthene-d10
Concen: 0.335 ng
RT: 19.24 min Scan# 1389
Delta R.T. -0.01 min
Lab File: BE099988.D
Acq: 13 Jun 2019 14:08

Tgt Ion:212 Resp: 46462

Ion	Ratio	Lower	Upper
212	100		
106	1.7	1.4	2.2
104	1.2	0.9	1.3



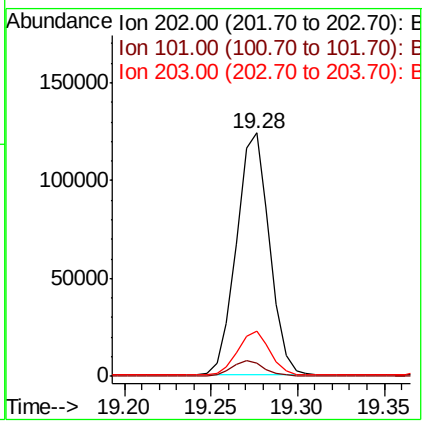


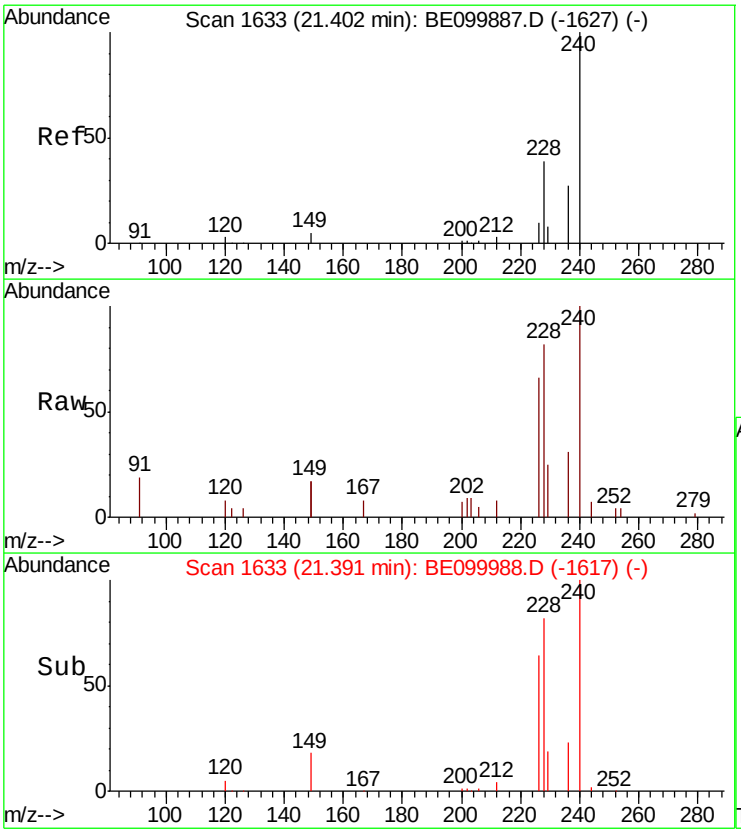
#26
Fluoranthene
Concen: 4.197 ng
RT: 19.28 min Scan# 1395
Delta R.T. -0.00 min
Lab File: BE099988.D
Acq: 13 Jun 2019 14:08

Instrument :
BNA_E
ClientSampleId :
TW-02

Tgt Ion:202 Resp: 164555

Ion	Ratio	Lower	Upper
202	100		
101	6.0	5.4	8.0
203	17.7	13.2	19.8

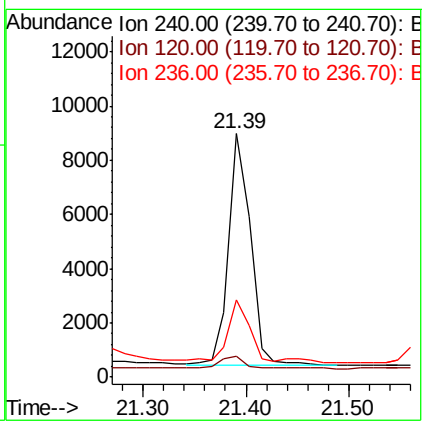


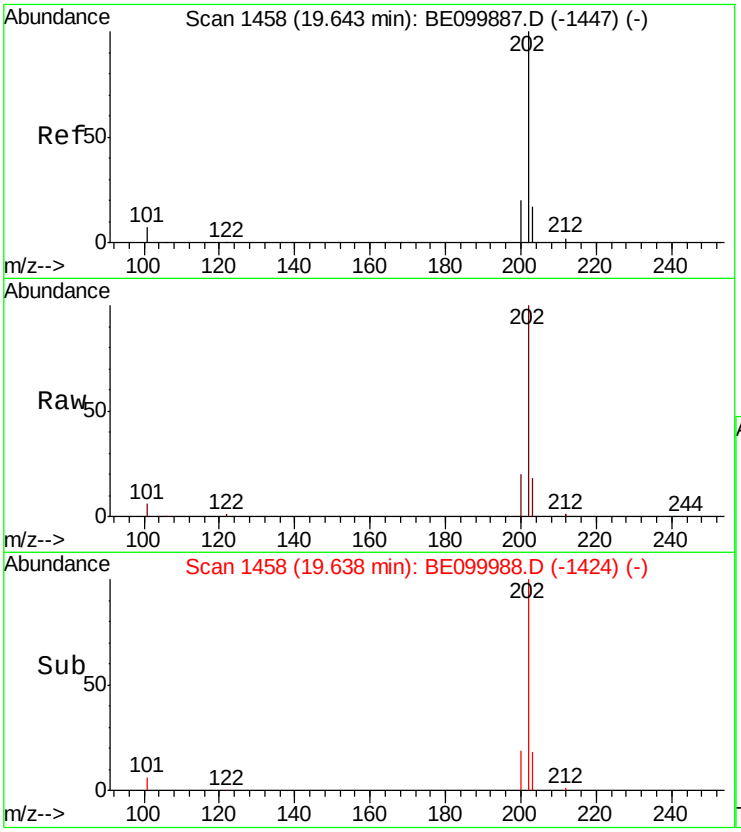


#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.39 min Scan# 1633
Delta R.T. -0.01 min
Lab File: BE099988.D
Acq: 13 Jun 2019 14:08

Tgt Ion:240 Resp: 12530

Ion	Ratio	Lower	Upper
240	100		
120	8.4	3.8	5.6#
236	31.5	22.0	33.0



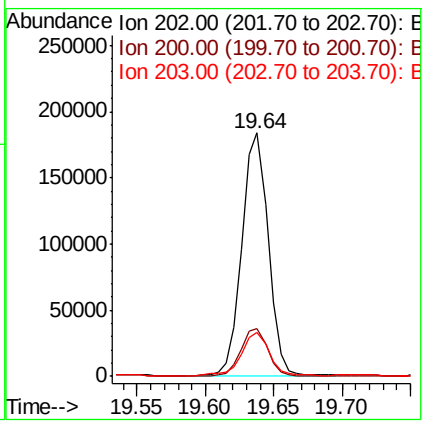


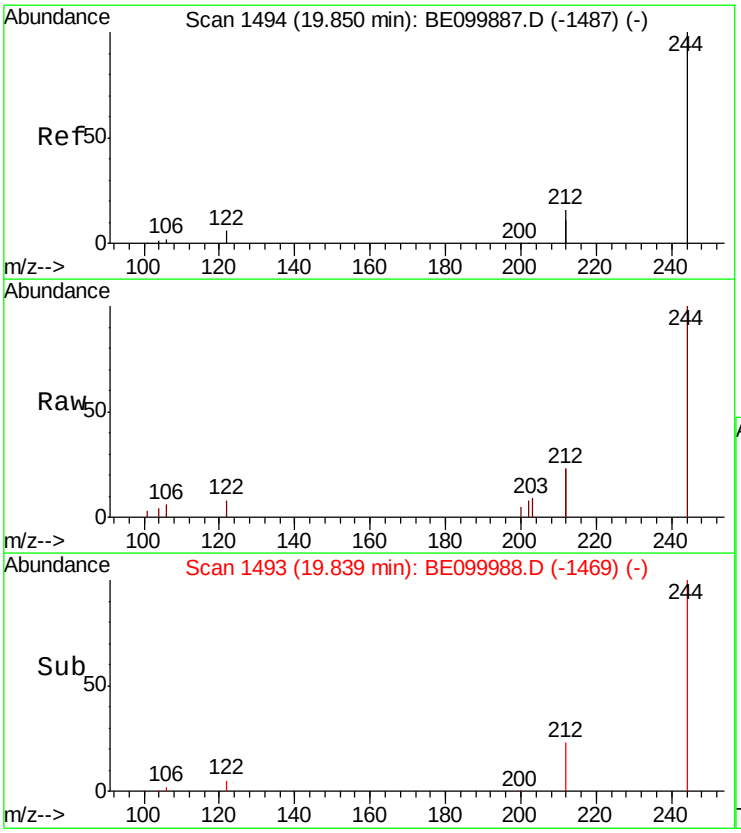
#28
Pyrene
Concen: 7.376 ng
RT: 19.64 min Scan# 1458
Delta R.T. -0.00 min
Lab File: BE099988.D
Acq: 13 Jun 2019 14:08

Instrument :
BNA_E
ClientSampleId :
TW-02

Tgt Ion:202 Resp: 242801

Ion	Ratio	Lower	Upper
202	100		
200	19.8	15.5	23.3
203	18.7	14.0	21.0

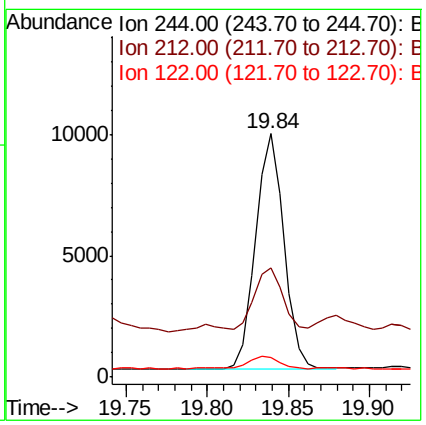


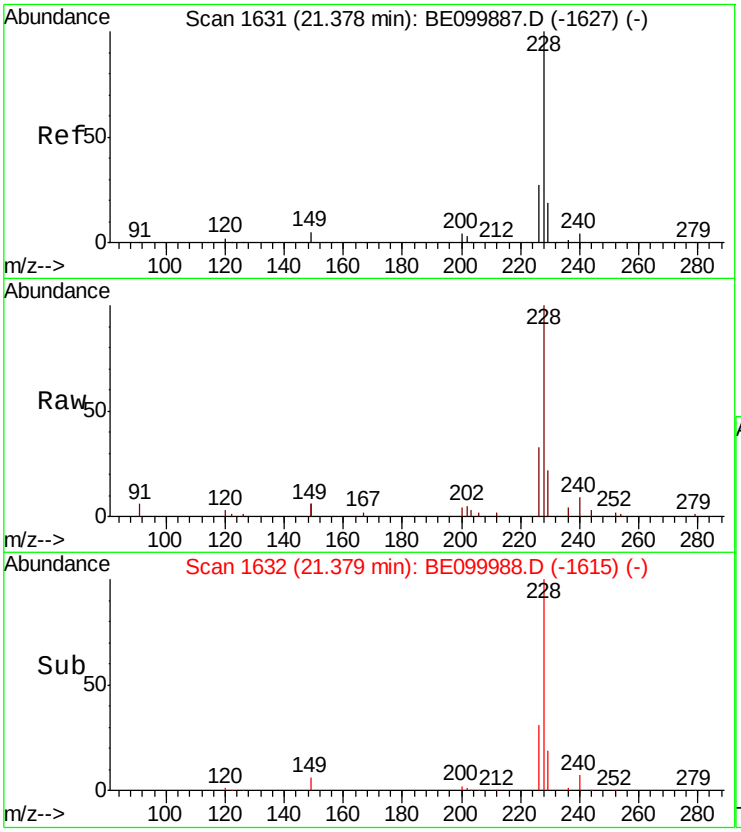


#29
Terphenyl-d14
Concen: 0.526 ng
RT: 19.84 min Scan# 1493
Delta R.T. -0.01 min
Lab File: BE099988.D
Acq: 13 Jun 2019 14:08

Tgt Ion:244 Resp: 11865

Ion	Ratio	Lower	Upper
244	100		
212	45.0	25.7	38.5#
122	8.2	5.5	8.3



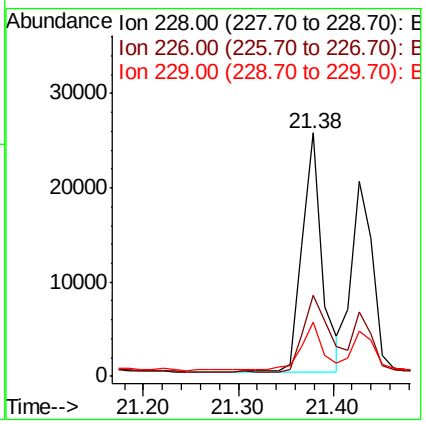


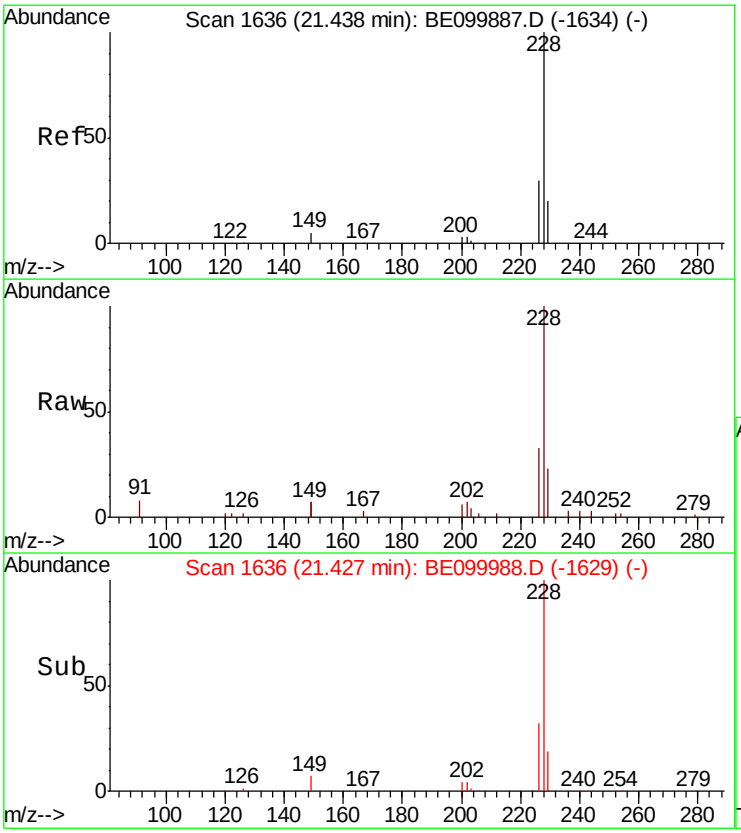
#30
Benzo(a)anthracene
Concen: 0.978 ng
RT: 21.38 min Scan# 1632
Delta R.T. 0.00 min
Lab File: BE099988.D
Acq: 13 Jun 2019 14:08

Instrument :
BNA_E
ClientSampleId :
TW-02

Tgt Ion:228 Resp: 36622

Ion	Ratio	Lower	Upper
228	100		
226	33.1	22.5	33.7
229	22.4	15.9	23.9

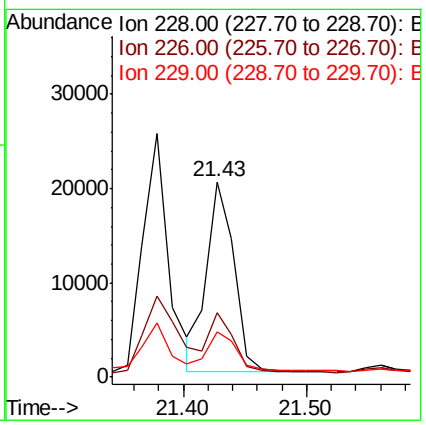


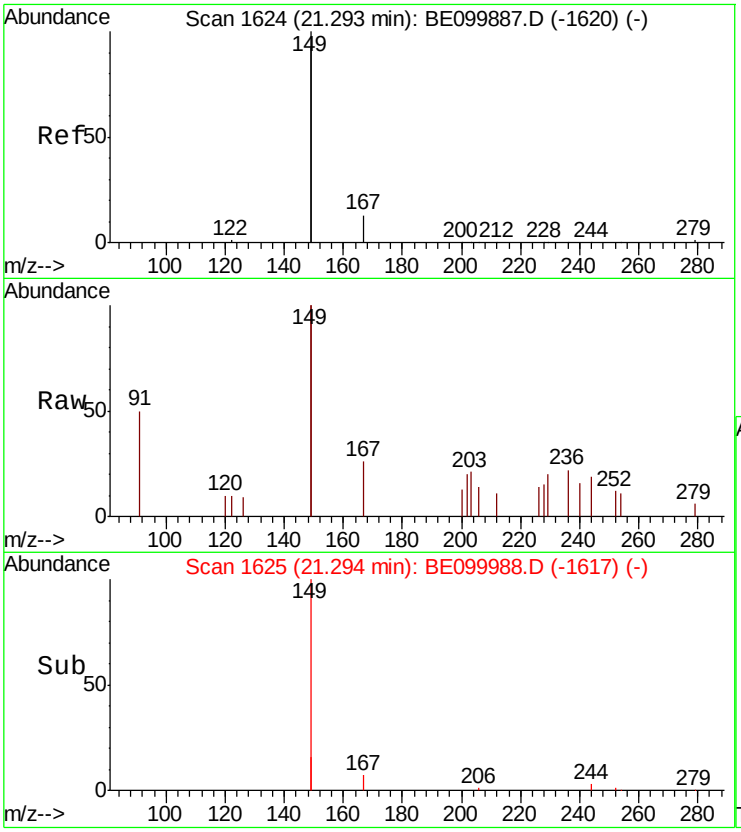


#31
Chrysene
Concen: 0.811 ng
RT: 21.43 min Scan# 1636
Delta R.T. -0.01 min
Lab File: BE099988.D
Acq: 13 Jun 2019 14:08

Tgt Ion:228 Resp: 31392

Ion	Ratio	Lower	Upper
228	100		
226	33.2	24.1	36.1
229	23.1	16.1	24.1



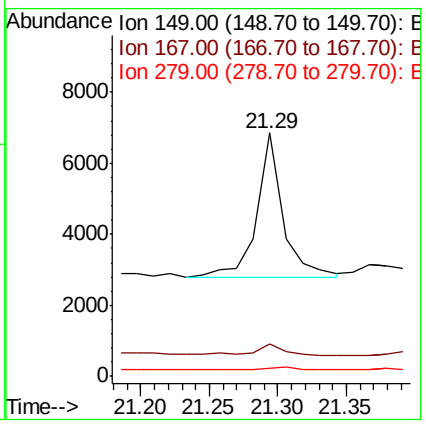


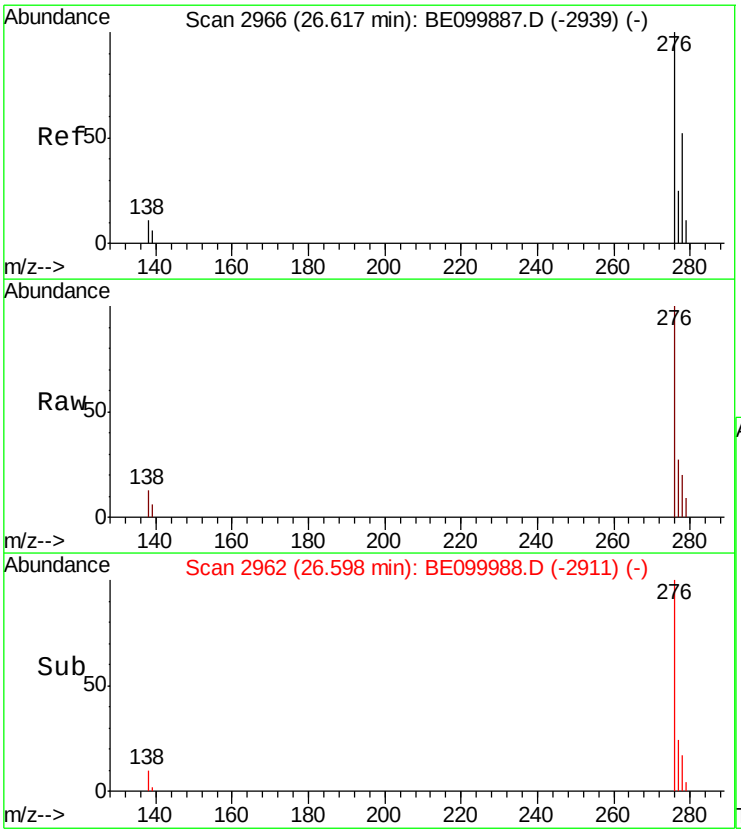
#32
Bis(2-ethylhexyl)phthalate
Concen: 0.099 ng
RT: 21.29 min Scan# 1625
Delta R.T. 0.00 min
Lab File: BE099988.D
Acq: 13 Jun 2019 14:08

Instrument :
BNA_E
ClientSampleId :
TW-02

Tgt Ion:149 Resp: 5342

Ion	Ratio	Lower	Upper
149	100		
167	10.4	5.9	8.9#
279	2.0	1.2	1.8#

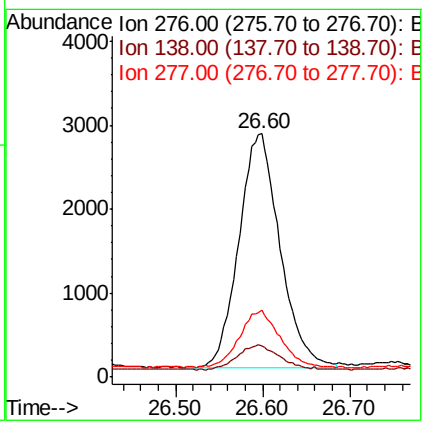


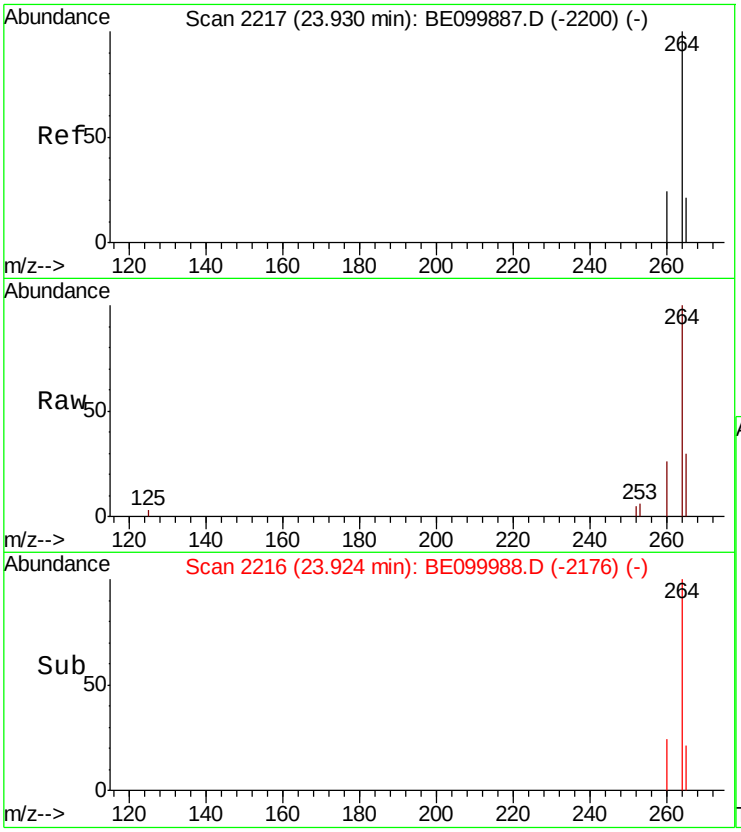


#33
Indeno(1,2,3-cd)pyrene
Concen: 0.199 ng
RT: 26.60 min Scan# 2962
Delta R.T. -0.02 min
Lab File: BE099988.D
Acq: 13 Jun 2019 14:08

Tgt Ion:276 Resp: 9148

Ion	Ratio	Lower	Upper
276	100		
138	10.9	10.1	15.1
277	24.2	19.1	28.7



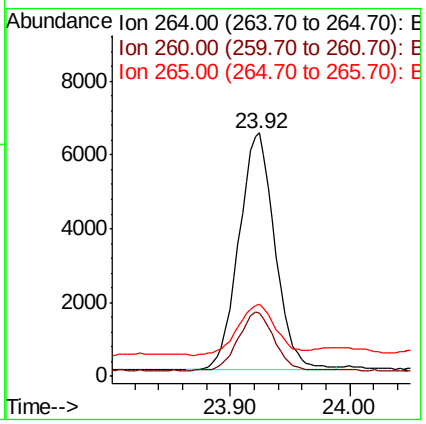


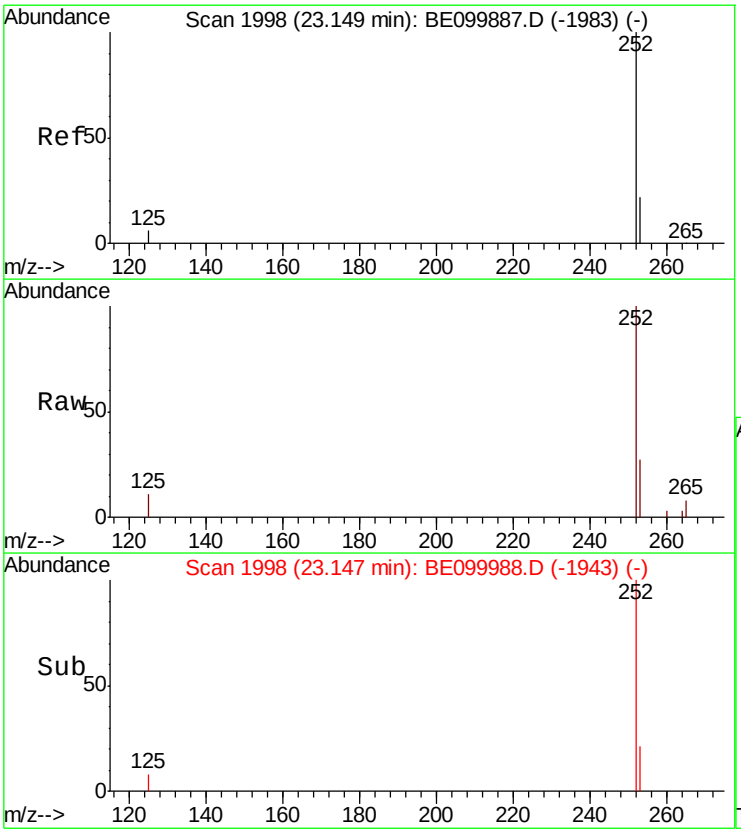
#34
Perylene-d12
Concen: 0.400 ng
RT: 23.92 min Scan# 2216
Delta R.T. -0.01 min
Lab File: BE099988.D
Acq: 13 Jun 2019 14:08

Instrument :
BNA_E
ClientSampleId :
TW-02

Tgt Ion:264 Resp: 13415

Ion	Ratio	Lower	Upper
264	100		
260	25.9	20.2	30.2
265	29.5	22.0	33.0

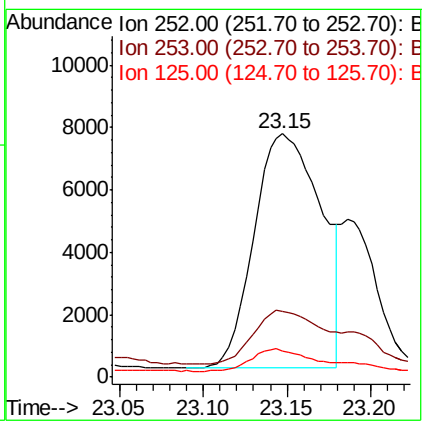


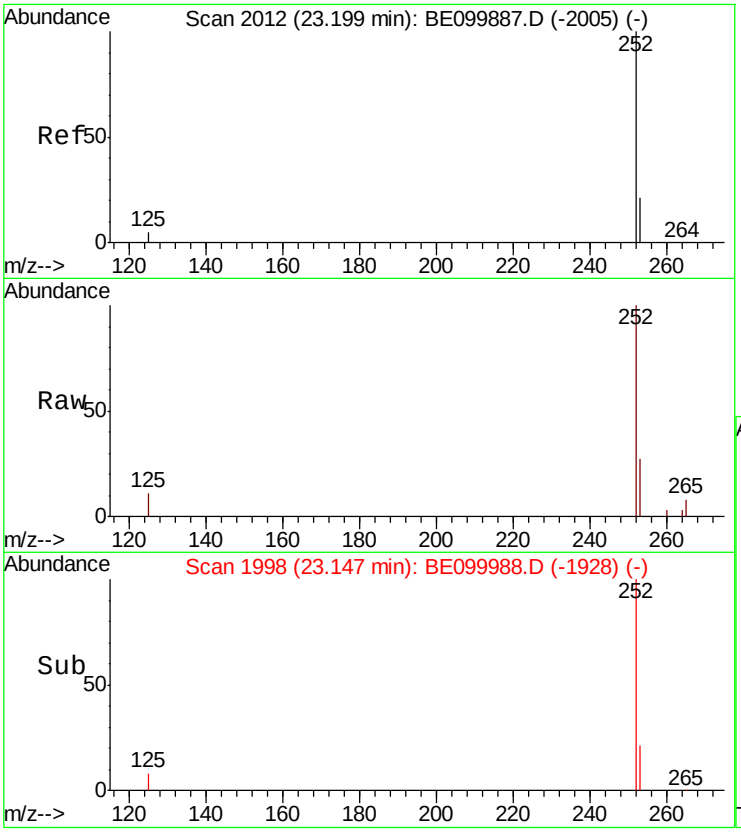


#35
Benzo(b)fluoranthene
Concen: 0.557 ng
RT: 23.15 min Scan# 1998
Delta R.T. -0.00 min
Lab File: BE099988.D
Acq: 13 Jun 2019 14:08

Tgt Ion:252 Resp: 20937

Ion	Ratio	Lower	Upper
252	100		
253	26.8	18.7	28.1
125	10.7	5.7	8.5#



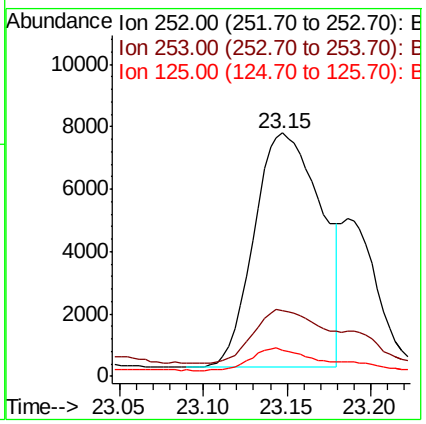


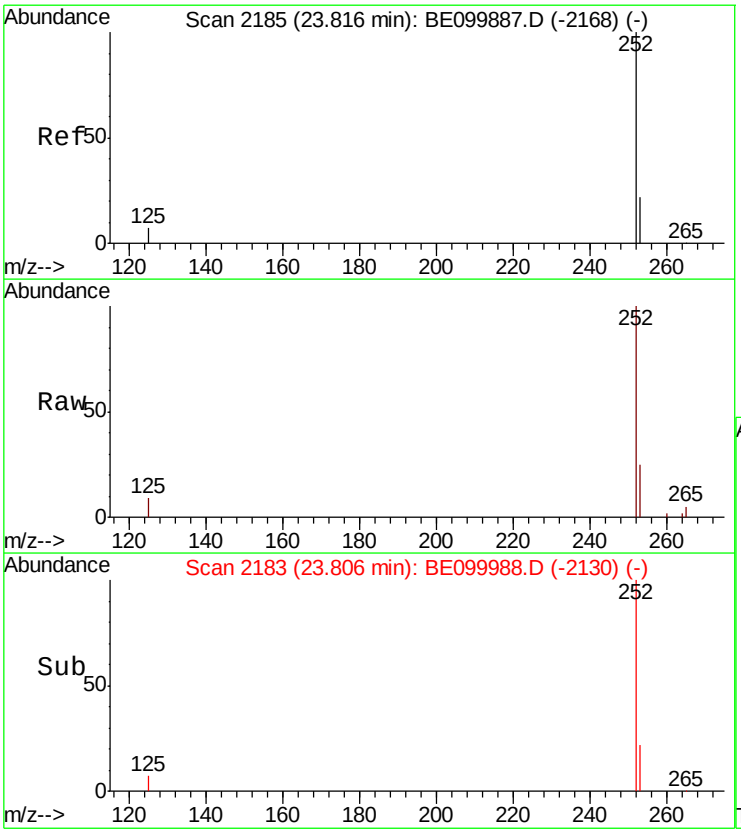
#36
Benzo(k)fluoranthene
Concen: 0.532 ng
RT: 23.15 min Scan# 1998
Delta R.T. -0.05 min
Lab File: BE099988.D
Acq: 13 Jun 2019 14:08

Instrument :
BNA_E
ClientSampleId :
TW-02

Tgt Ion:252 Resp: 20937

Ion	Ratio	Lower	Upper
252	100		
253	26.8	18.6	28.0
125	10.7	5.4	8.0#

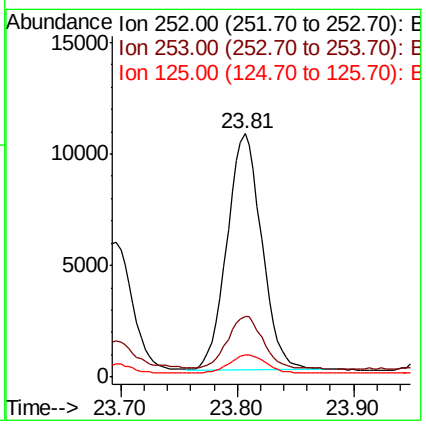


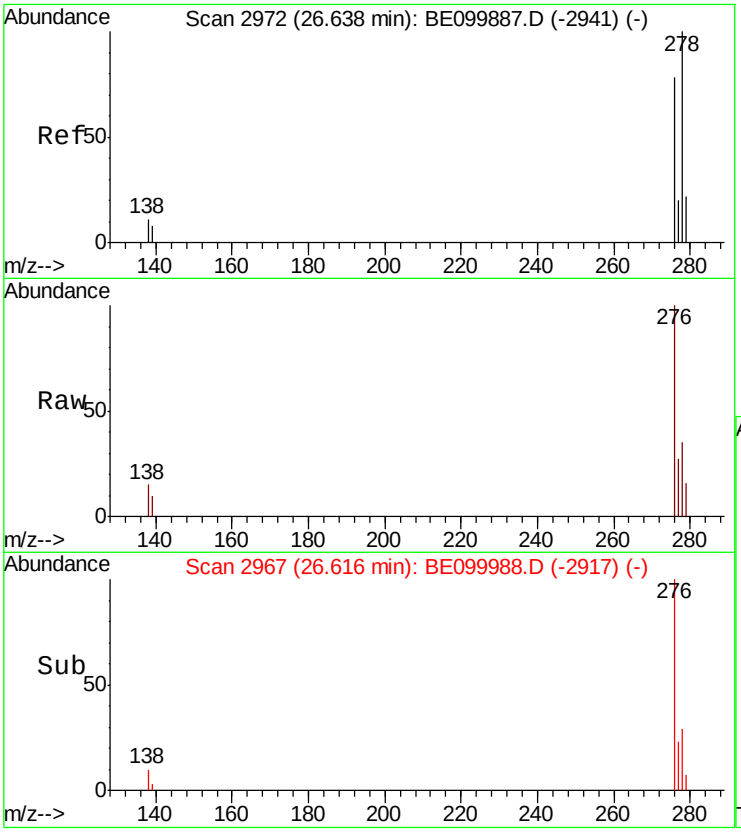


#37
Benzo(a)pyrene
Concen: 0.594 ng
RT: 23.81 min Scan# 2183
Delta R.T. -0.01 min
Lab File: BE099988.D
Acq: 13 Jun 2019 14:08

Tgt Ion:252 Resp: 22009

Ion	Ratio	Lower	Upper
252	100		
253	24.8	19.6	29.4
125	8.9	6.6	10.0



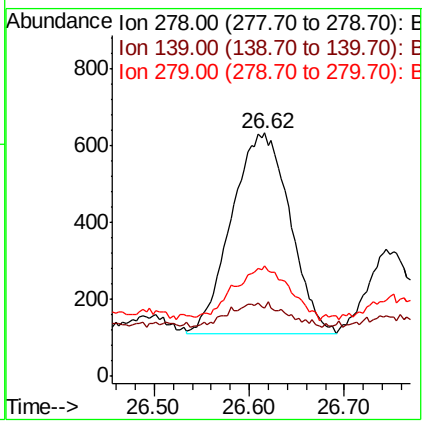


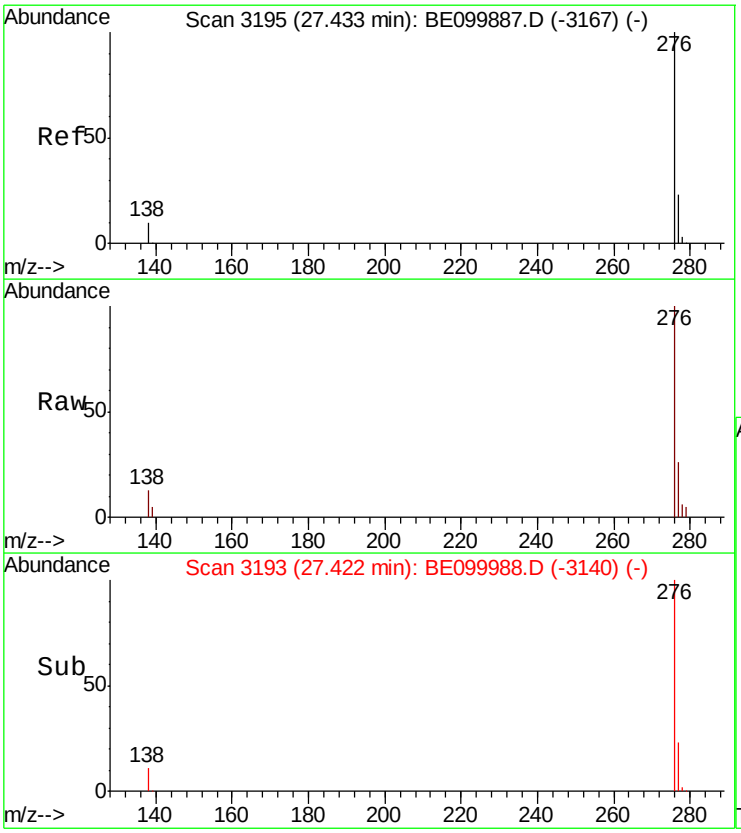
#38
Dibenzo(a,h)anthracene
Concen: 0.060 ng
RT: 26.62 min Scan# 2967
Delta R.T. -0.02 min
Lab File: BE099988.D
Acq: 13 Jun 2019 14:08

Instrument :
BNA_E
ClientSampleId :
TW-02

Tgt Ion:278 Resp: 2232

Ion	Ratio	Lower	Upper
278	100		
139	28.1	7.8	11.8#
279	45.3	20.0	30.0#





#39
Benzo(g,h,i)perylene
Concen: 0.250 ng
RT: 27.42 min Scan# 3193
Delta R.T. -0.01 min
Lab File: BE099988.D
Acq: 13 Jun 2019 14:08

Tgt Ion:276 Resp: 9630

Ion	Ratio	Lower	Upper
276	100		
277	26.4	19.5	29.3
138	13.5	9.5	14.3