Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE060719\
Data File : BE099867.D
Acq On : 7 Jun 2019 23:54
Operator : JU/SJ
Sample : K3249-16
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : BP-DUP05-20190606

Quant Time: Jun 08 04:34:41 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE060719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 07 15:25:21 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	711	0.40	ng		-0.01
7) Naphthalene-d8	10.60	136	2346	0.40	ng		-0.01
13) Acenaphthene-d10	14.47	164	1599	0.40	ng		0.00
19) Phenanthrene-d10	17.22	188	5170	0.40	ng		-0.01
27) Chrysene-d12	21.40	240	10114	0.40	ng		-0.01
34) Perylene-d12	23.93	264	12180	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.36	112	299	0.13	ng		0.00
5) Phenol-d6	6.96	99	253	0.09	ng		0.00
8) Nitrobenzene-d5	8.98	82	1014	0.43	ng		0.01
11) 2-Methylnaphthalene-d10	12.21	152	1439	0.34	ng		0.00
14) 2,4,6-Tribromophenol	15.97	330	465	0.29	ng		-0.01
15) 2-Fluorobiphenyl	13.10	172	2875	0.50	ng		0.00
25) Fluoranthene-d10	19.25	212	32991	0.41	ng		0.00
29) Terphenyl-d14	19.84	244	9678	0.51	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.28	88	442	0.445	ng	#	92
3) n-Nitrosodimethylamine	3.58	42	32	0.047	ng	#	1
6) bis(2-Chloroethyl)ether	7.24	93	10	0.005	ng	#	1
9) Naphthalene	10.65	128	522	0.020	ng	#	71
10) Hexachlorobutadiene	10.94	225	3	0.002	ng	#	60
12) 2-Methylnaphthalene	12.30	142	41	0.009	ng	#	68
16) Acenaphthylene	14.17	152	18	0.002	ng	#	61
17) Acenaphthene	14.53	154	11	0.003	ng	#	58
18) Fluorene	15.52	166	22	0.003	ng	#	61
20) 4-Bromophenyl-phenylether	16.39	248	6	0.002	ng	#	67
21) Hexachlorobenzene	16.48	284	6	0.002	ng	#	50
22) Pentachlorophenol	16.91	266	14	0.241	ng		85
23) Phenanthrene	17.27	178	56	0.004	ng	#	36
24) Anthracene	17.36	178	21	0.002	ng	#	61
26) Fluoranthene	19.28	202	102	0.005	ng	#	84
28) Pyrene	19.65	202	113	0.004	ng	#	79
30) Benzo(a)anthracene	21.39	228	142	0.004	ng	#	1
31) Chrysene	21.44	228	103	0.003	ng	#	8
32) Bis(2-ethylhexyl)phthalate	21.29	149	2218	0.042	ng	#	99
33) Indeno(1,2,3-cd)pyrene	26.63	276	87	0.002	ng	#	67
35) Benzo(b)fluoranthene	23.16	252	217	0.006	ng	#	1
36) Benzo(k)fluoranthene	23.16	252	217	0.006	ng	#	1
37) Benzo(a)pyrene	23.82	252	101	0.003	ng	#	1
38) Dibenzo(a,h)anthracene	26.66	278	1	0.000	ng	#	1
39) Benzo(g,h,i)perylene	27.45	276	48	0.001	ng	#	1

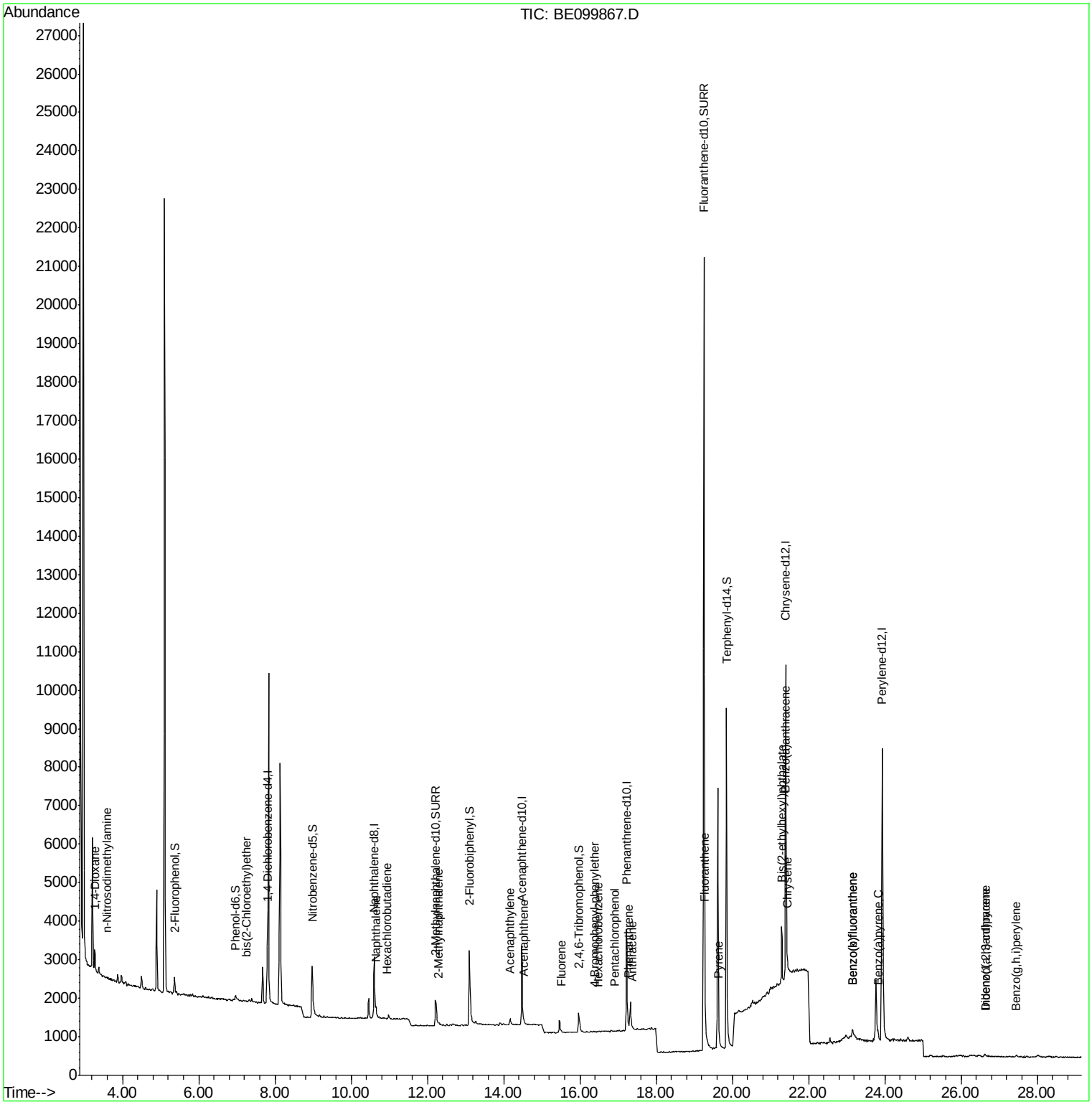
(#) = qualifier out of range (m) = manual integration (+) = signals summed

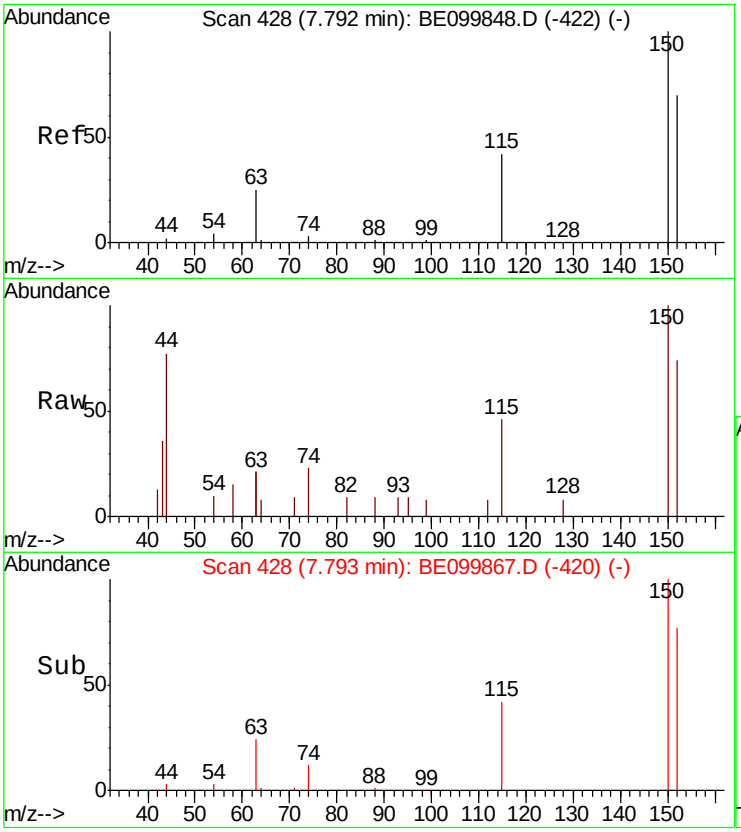
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE060719\
Data File : BE099867.D
Acq On : 7 Jun 2019 23:54
Operator : JU/SJ
Sample : K3249-16
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
BP-DUP05-20190606

Quant Time: Jun 08 04:34:41 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE060719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 07 15:25:21 2019
Response via : Initial Calibration



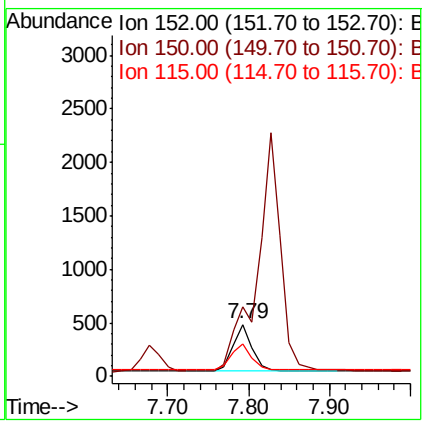


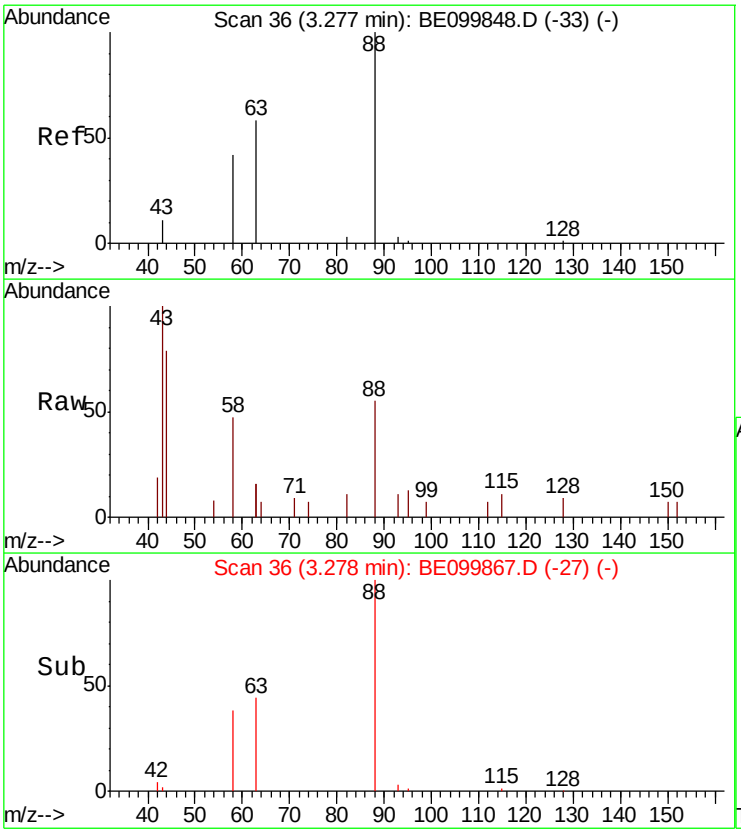
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.79 min Scan# 428
Delta R.T. -0.01 min
Lab File: BE099867.D
Acq: 7 Jun 2019 23:54

Instrument :
BNA_E
ClientSampleId :
BP-DUP05-20190606

Tgt Ion:152 Resp: 711

Ion	Ratio	Lower	Upper
152	100		
150	134.6	112.8	169.2
115	61.6	47.6	71.4

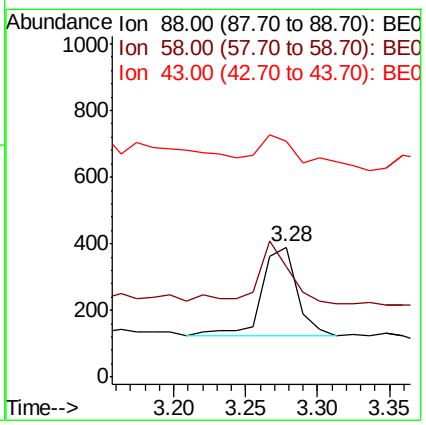


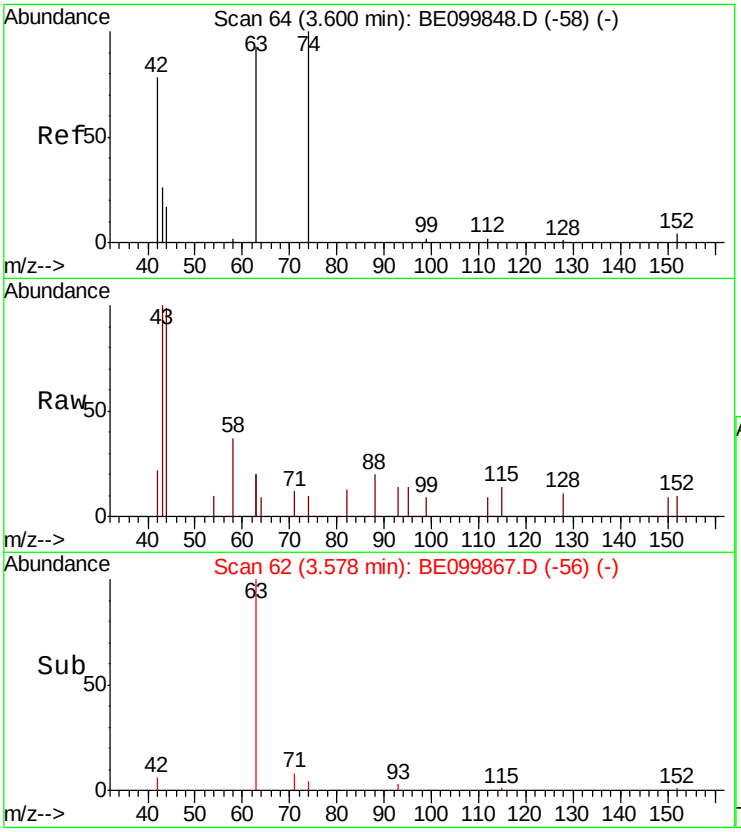


#2
1,4-Dioxane
Concen: 0.445 ng
RT: 3.28 min Scan# 36
Delta R.T. 0.00 min
Lab File: BE099867.D
Acq: 7 Jun 2019 23:54

Tgt Ion: 88 Resp: 442

Ion	Ratio	Lower	Upper
88	100		
58	58.4	47.3	70.9
43	35.3	18.2	27.4#



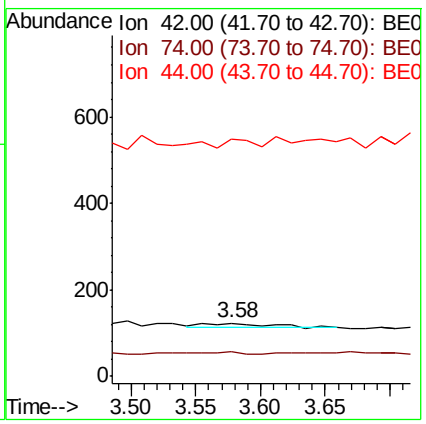


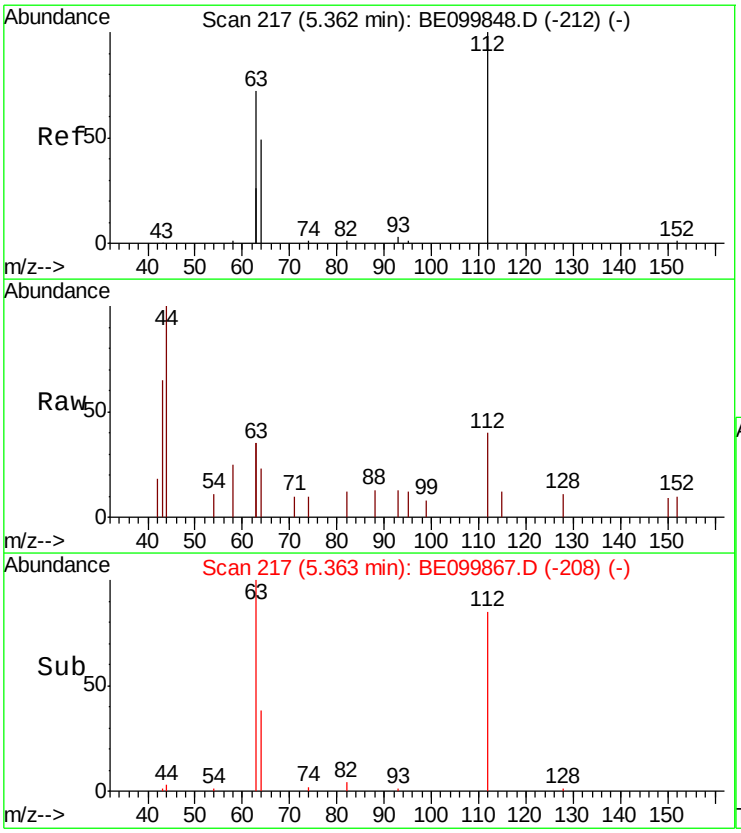
#3
n-Nitrosodimethylamine
Concen: 0.047 ng
RT: 3.58 min Scan# 62
Delta R.T. -0.03 min
Lab File: BE099867.D
Acq: 7 Jun 2019 23:54

Instrument :
BNA_E
ClientSampleId :
BP-DUP05-20190606

Tgt Ion: 42 Resp: 32

Ion	Ratio	Lower	Upper
42	100		
74	25.0	132.6	198.8#
44	78.1	13.4	20.0#

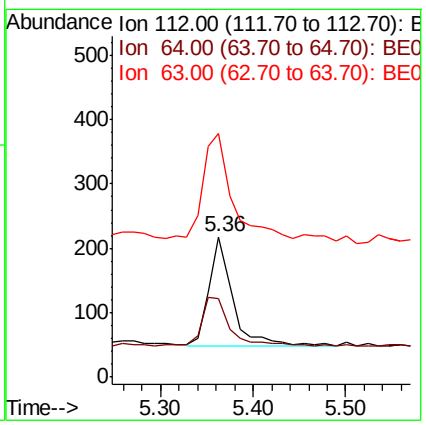


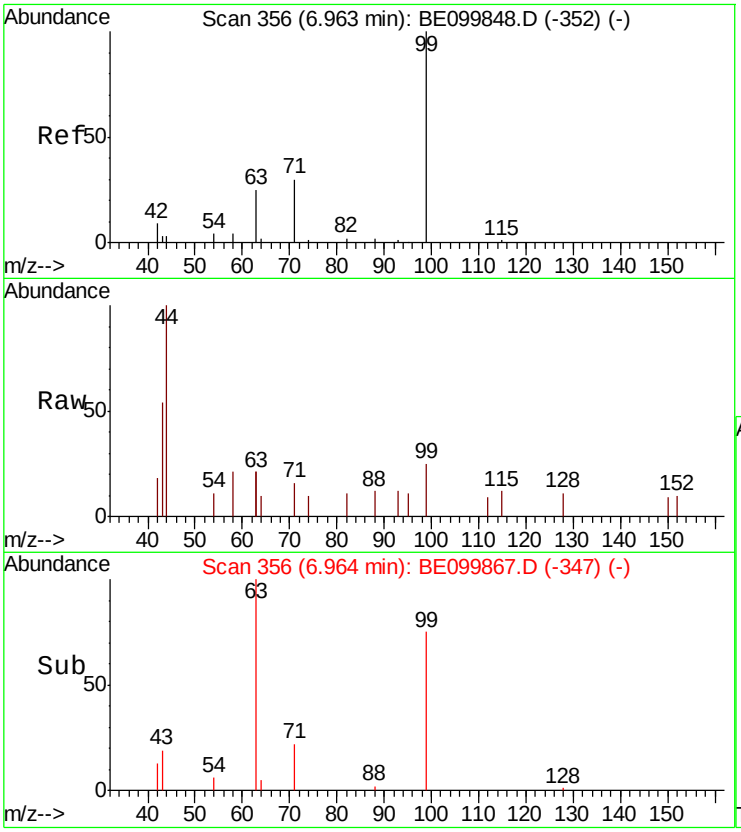


#4
2-Fluorophenol
Concen: 0.126 ng
RT: 5.36 min Scan# 217
Delta R.T. 0.00 min
Lab File: BE099867.D
Acq: 7 Jun 2019 23:54

Tgt Ion:112 Resp: 299

Ion	Ratio	Lower	Upper
112	100		
64	56.5	47.2	70.8
63	114.7	90.7	136.1



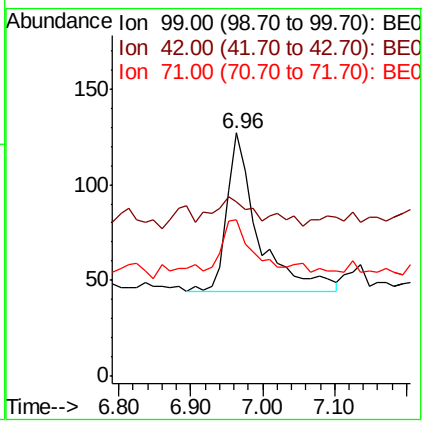


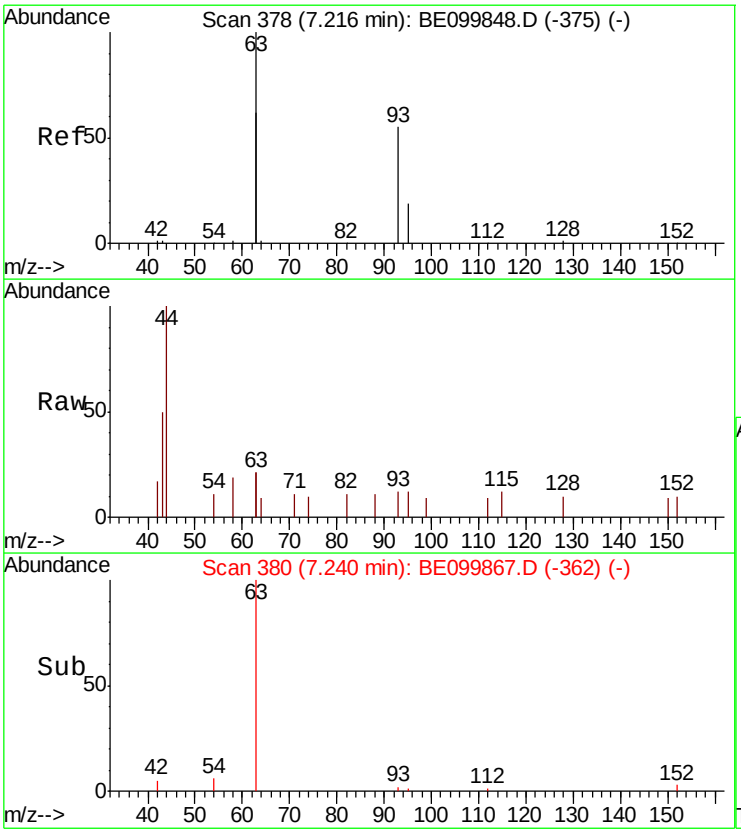
#5
Phenol-d6
Concen: 0.086 ng
RT: 6.96 min Scan# 356
Delta R.T. 0.00 min
Lab File: BE099867.D
Acq: 7 Jun 2019 23:54

Instrument :
BNA_E
ClientSampleId :
BP-DUP05-20190606

Tgt Ion: 99 Resp: 253

Ion	Ratio	Lower	Upper
99	100		
42	17.4	11.0	16.4#
71	25.7	26.1	39.1#

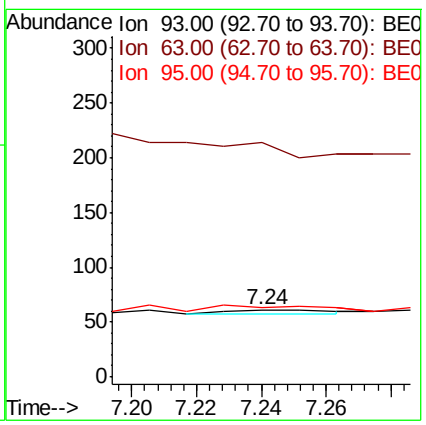


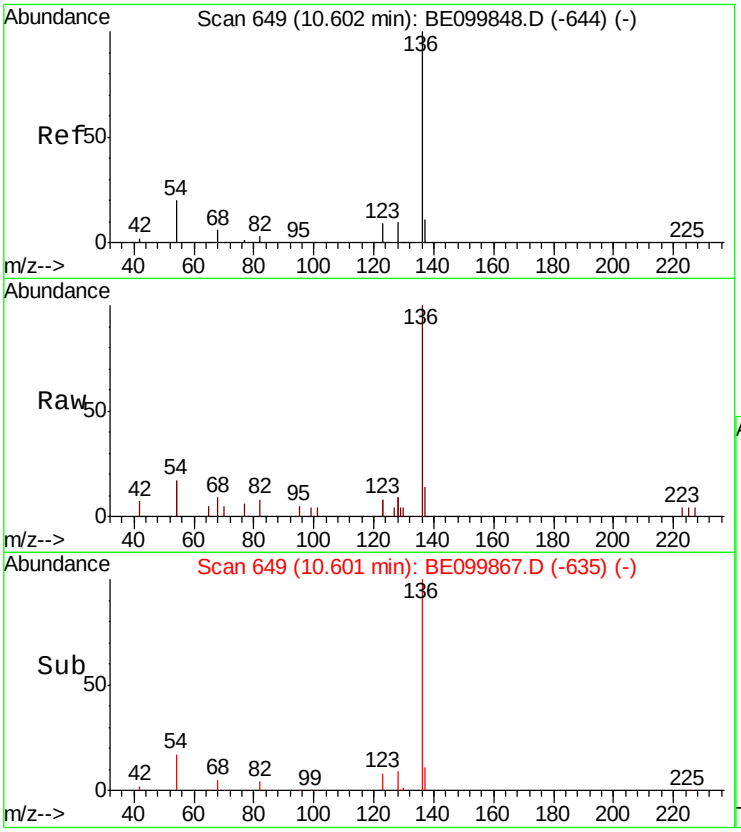


#6
bis(2-Chloroethyl)ether
Concen: 0.005 ng
RT: 7.24 min Scan# 380
Delta R.T. 0.01 min
Lab File: BE099867.D
Acq: 7 Jun 2019 23:54

Tgt Ion: 93 Resp: 10

Ion	Ratio	Lower	Upper
93	100		
63	0.0	208.8	313.2#
95	180.0	27.6	41.4#



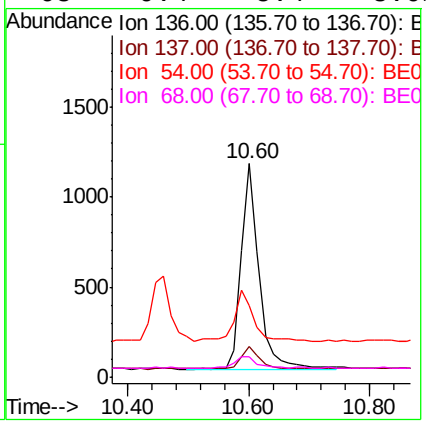


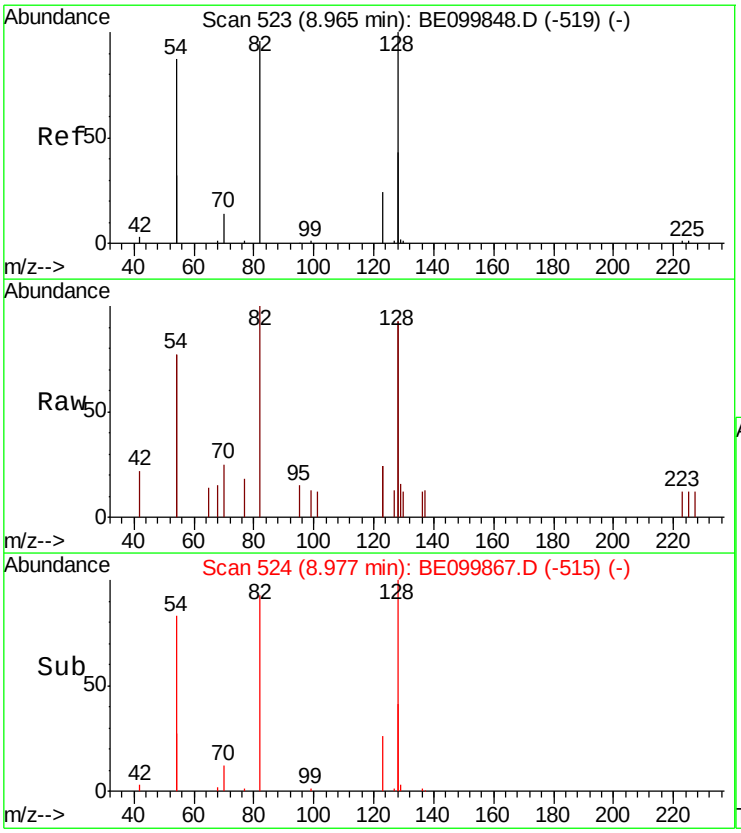
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.60 min Scan# 649
Delta R.T. -0.01 min
Lab File: BE099867.D
Acq: 7 Jun 2019 23:54

Instrument :
BNA_E
ClientSampleId :
BP-DUP05-20190606

Tgt Ion:136 Resp: 2346

Ion	Ratio	Lower	Upper
136	100		
137	14.3	11.1	16.7
54	33.2	17.9	26.9#
68	9.4	5.4	8.0#

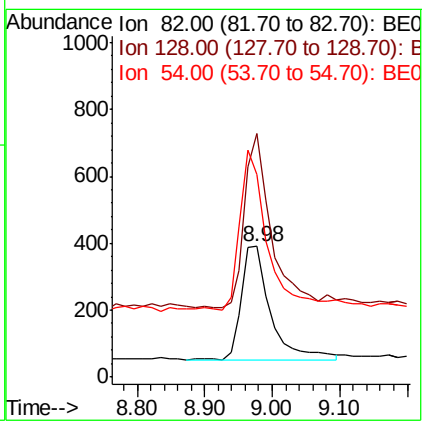


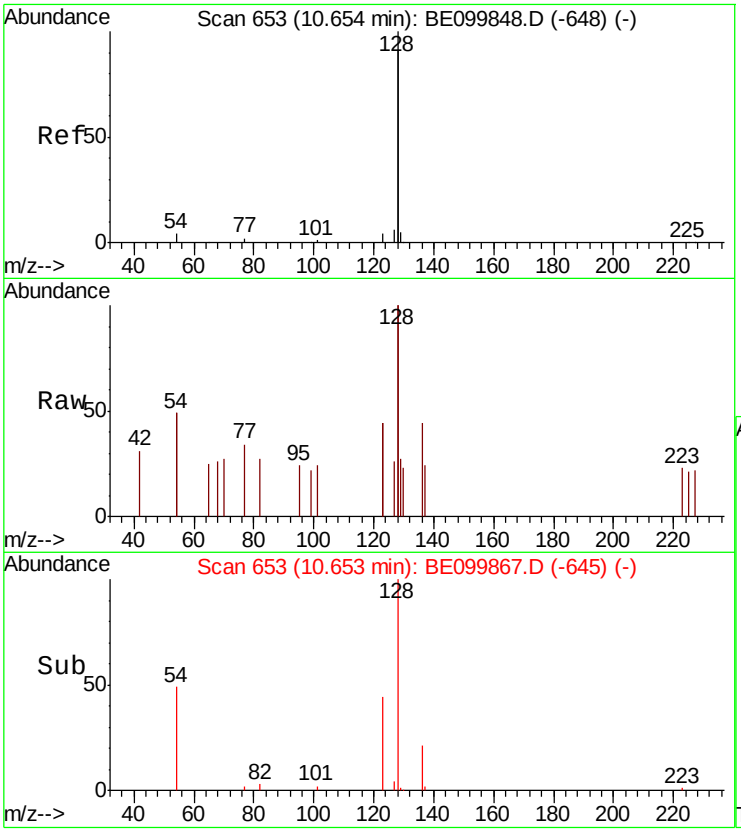


#8
Nitrobenzene-d5
Concen: 0.428 ng
RT: 8.98 min Scan# 524
Delta R.T. 0.01 min
Lab File: BE099867.D
Acq: 7 Jun 2019 23:54

Tgt Ion: 82 Resp: 1014

Ion	Ratio	Lower	Upper
82	100		
128	186.2	116.6	175.0#
54	154.5	136.2	204.4



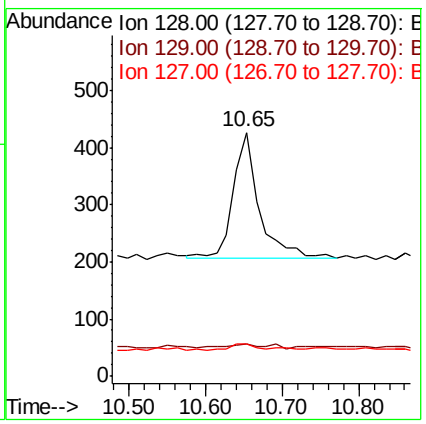


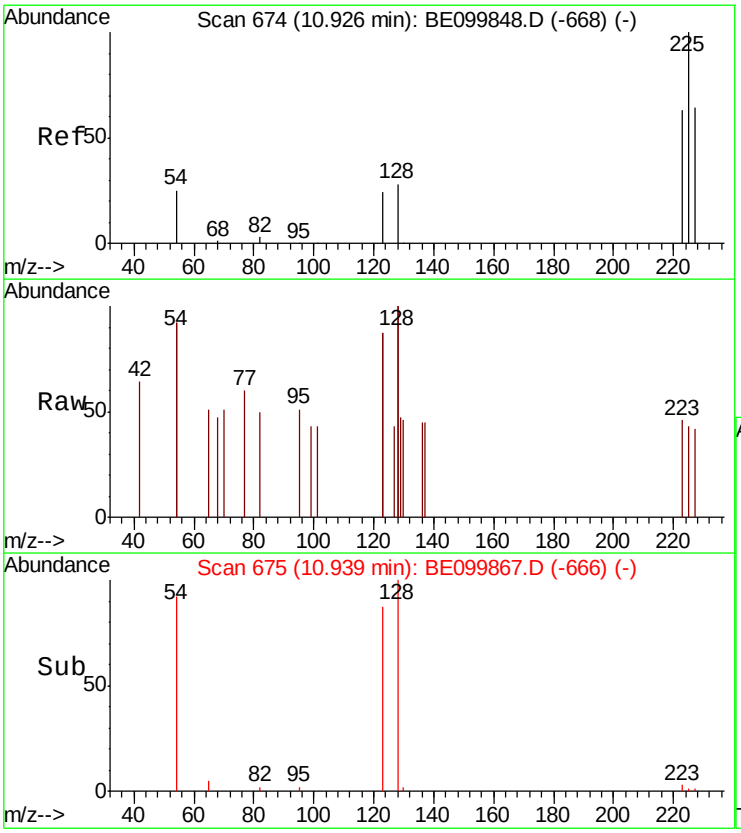
#9
Naphthalene
Concen: 0.020 ng
RT: 10.65 min Scan# 653
Delta R.T. -0.00 min
Lab File: BE099867.D
Acq: 7 Jun 2019 23:54

Instrument :
BNA_E
ClientSampleId :
BP-DUP05-20190606

Tgt Ion:128 Resp: 522

Ion	Ratio	Lower	Upper
128	100		
129	13.4	2.6	4.0#
127	13.1	3.0	4.6#

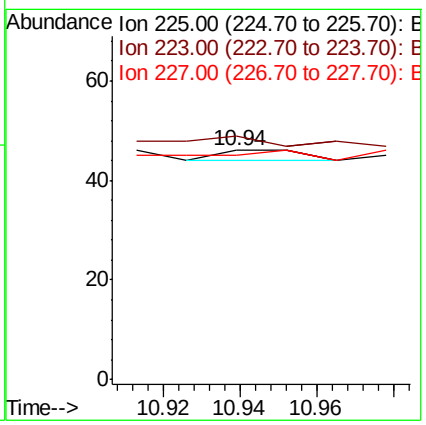


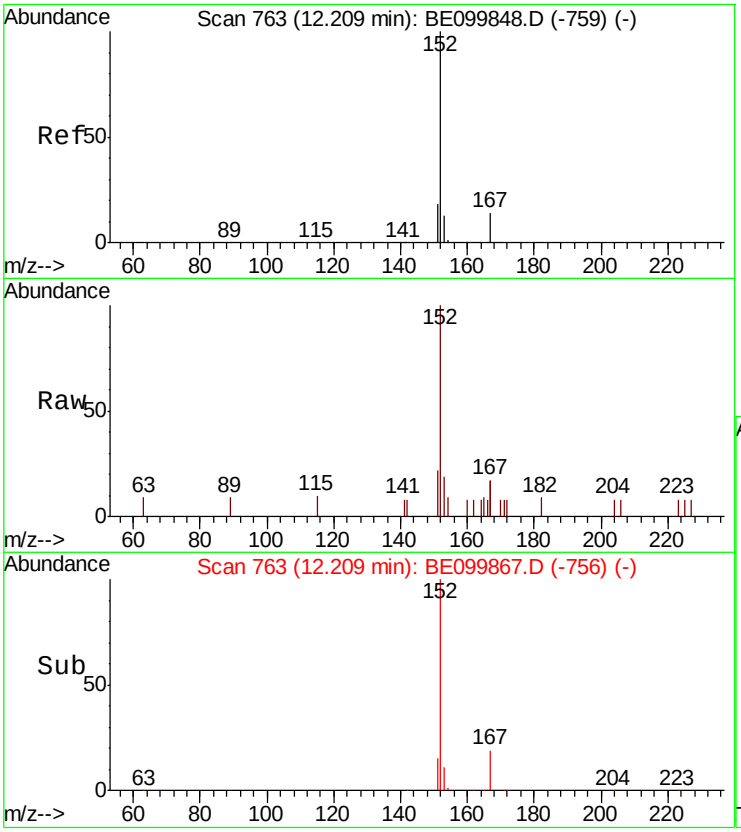


#10
Hexachlorobutadiene
Concen: 0.002 ng
RT: 10.94 min Scan# 675
Delta R.T. 0.01 min
Lab File: BE099867.D
Acq: 7 Jun 2019 23:54

Tgt Ion:225 Resp: 3

Ion	Ratio	Lower	Upper
225	100		
223	0.0	48.6	72.8#
227	66.7	51.6	77.4



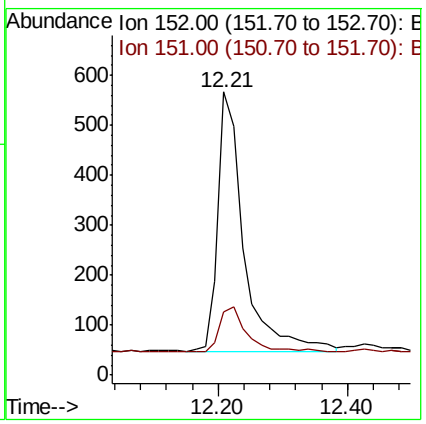


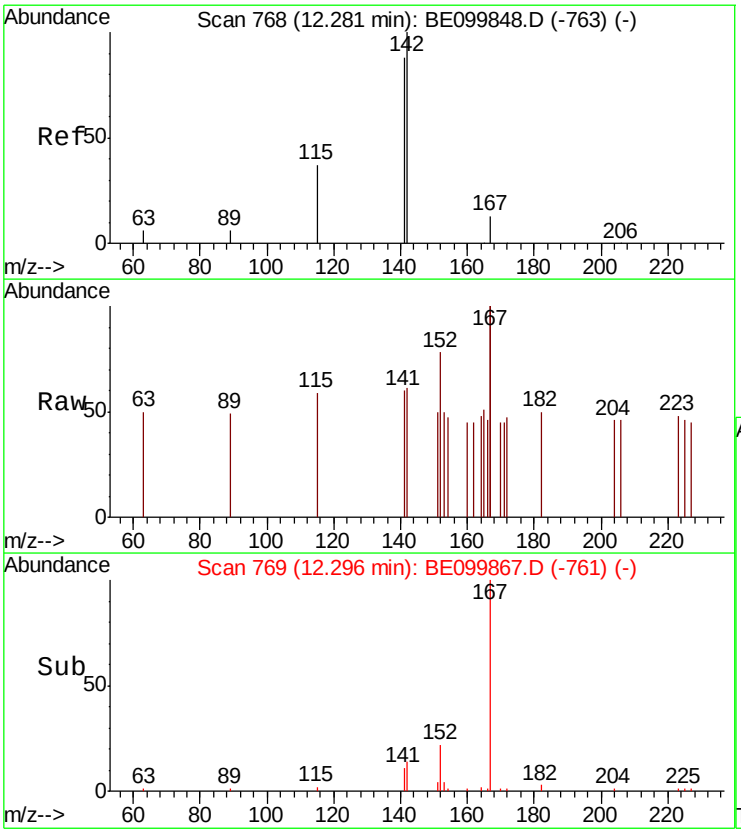
#11
2-Methylnaphthalene-d10
Concen: 0.339 ng
RT: 12.21 min Scan# 763
Delta R.T. -0.00 min
Lab File: BE099867.D
Acq: 7 Jun 2019 23:54

Instrument :
BNA_E
ClientSampleId :
BP-DUP05-20190606

Tgt Ion:152 Resp: 1439

Ion	Ratio	Lower	Upper
152	100		
151	18.3	15.8	23.8

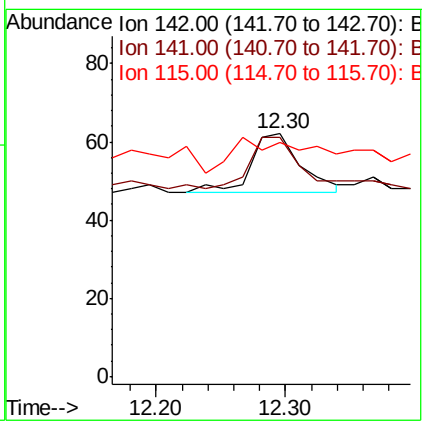


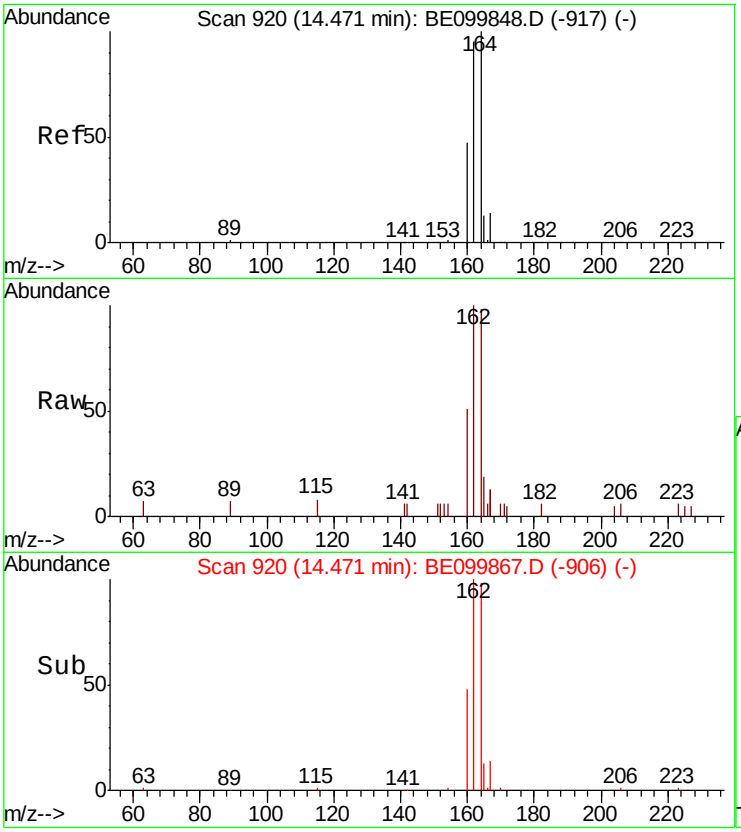


#12
2-Methylnaphthalene
Concen: 0.009 ng
RT: 12.30 min Scan# 769
Delta R.T. 0.01 min
Lab File: BE099867.D
Acq: 7 Jun 2019 23:54

Tgt Ion:142 Resp: 41

Ion	Ratio	Lower	Upper
142	100		
141	98.4	73.3	109.9
115	96.8	33.4	50.2#



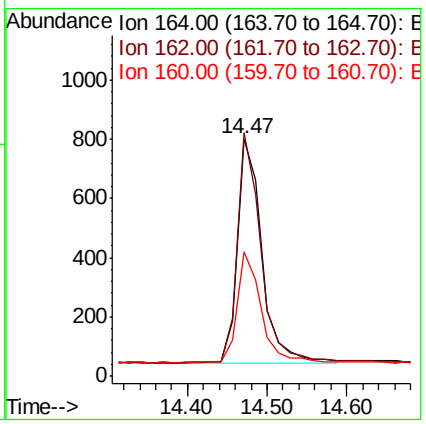


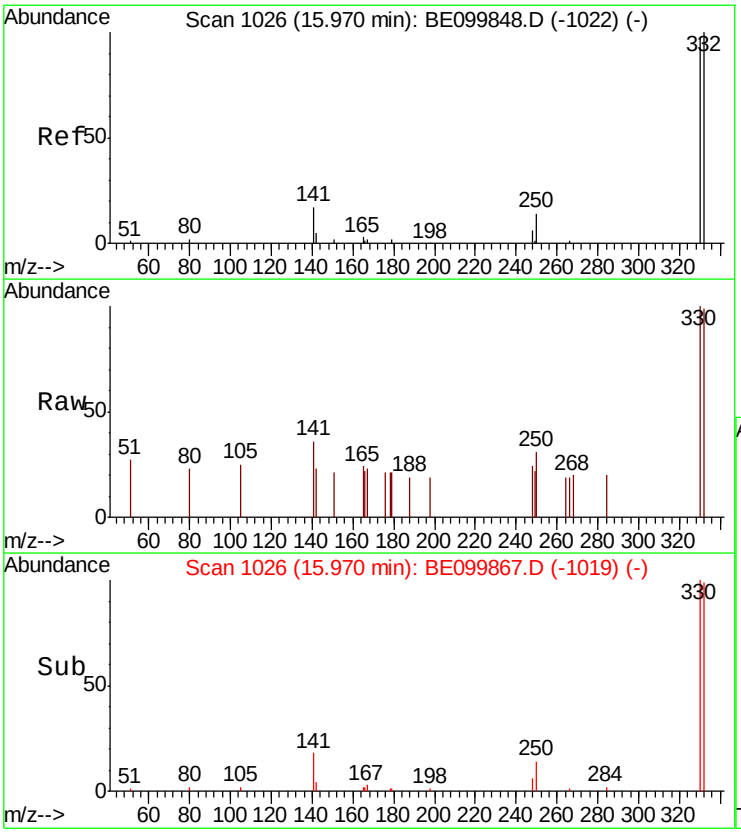
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.47 min Scan# 920
Delta R.T. -0.00 min
Lab File: BE099867.D
Acq: 7 Jun 2019 23:54

Instrument :
BNA_E
ClientSampleId :
BP-DUP05-20190606

Tgt Ion:164 Resp: 1599

Ion	Ratio	Lower	Upper
164	100		
162	102.4	77.2	115.8
160	52.6	39.4	59.2

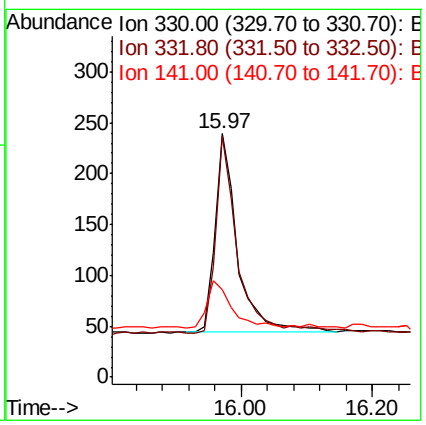


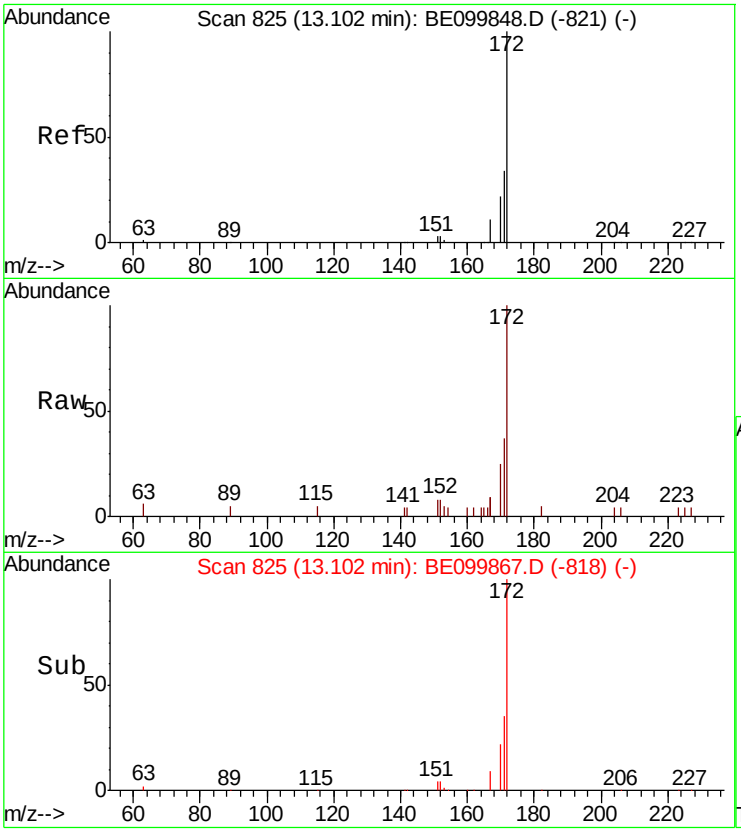


#14
2,4,6-Tribromophenol
Concen: 0.294 ng
RT: 15.97 min Scan# 1026
Delta R.T. -0.01 min
Lab File: BE099867.D
Acq: 7 Jun 2019 23:54

Tgt Ion:330 Resp: 465

Ion	Ratio	Lower	Upper
330	100		
332	100.4	74.9	112.3
141	26.7	16.0	24.0#



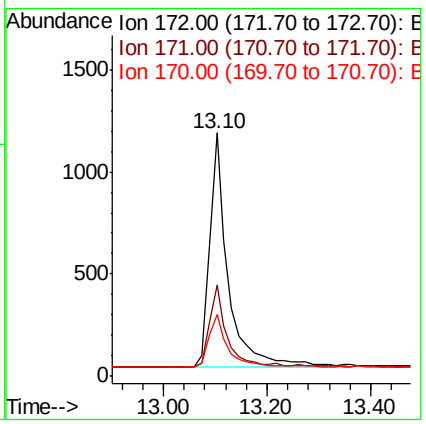


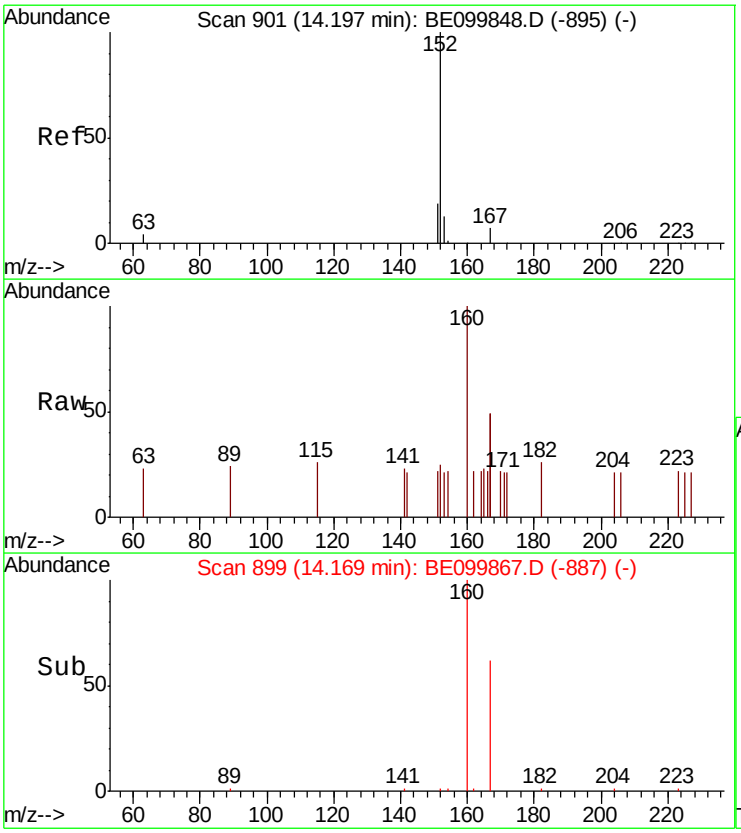
#15
2-Fluorobiphenyl
Concen: 0.498 ng
RT: 13.10 min Scan# 825
Delta R.T. -0.00 min
Lab File: BE099867.D
Acq: 7 Jun 2019 23:54

Instrument :
BNA_E
ClientSampleId :
BP-DUP05-20190606

Tgt Ion:172 Resp: 2875

Ion	Ratio	Lower	Upper
172	100		
171	37.3	30.2	45.4
170	25.2	20.1	30.1

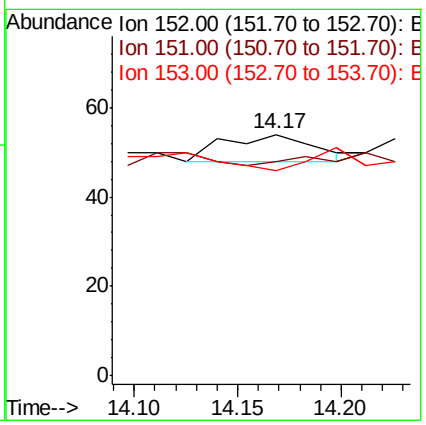


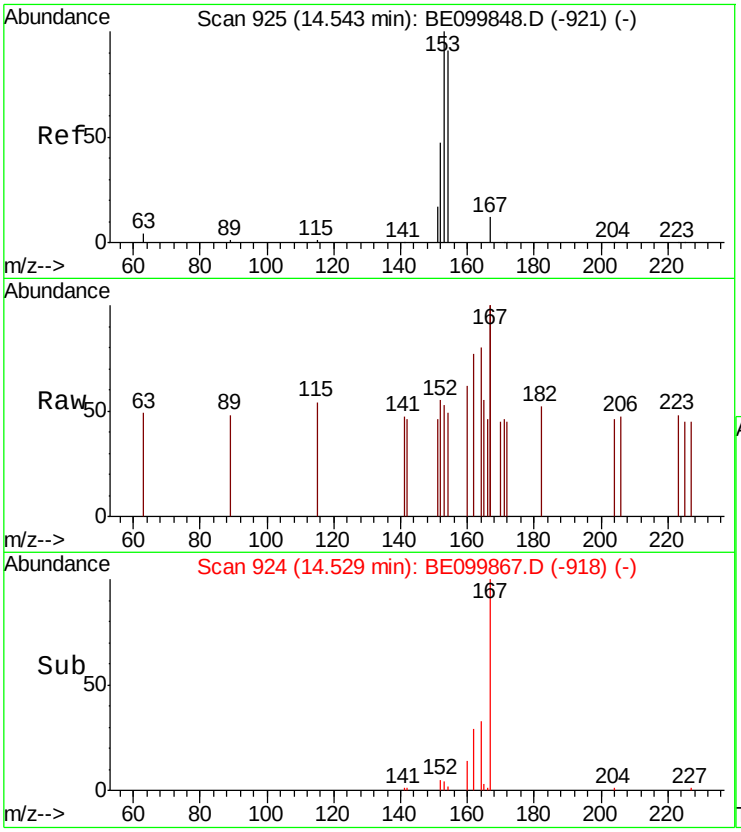


#16
Acenaphthylene
Concen: 0.002 ng
RT: 14.17 min Scan# 899
Delta R.T. -0.03 min
Lab File: BE099867.D
Acq: 7 Jun 2019 23:54

Tgt Ion:152 Resp: 18

Ion	Ratio	Lower	Upper
152	100		
151	0.0	15.9	23.9#
153	0.0	10.8	16.2#



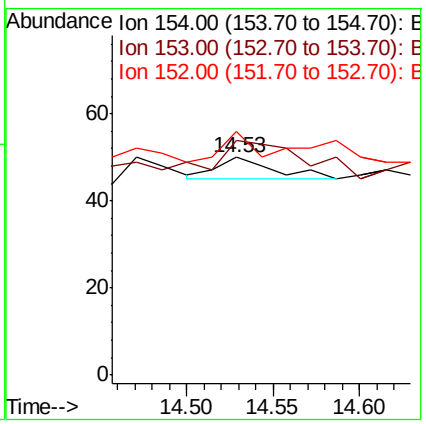


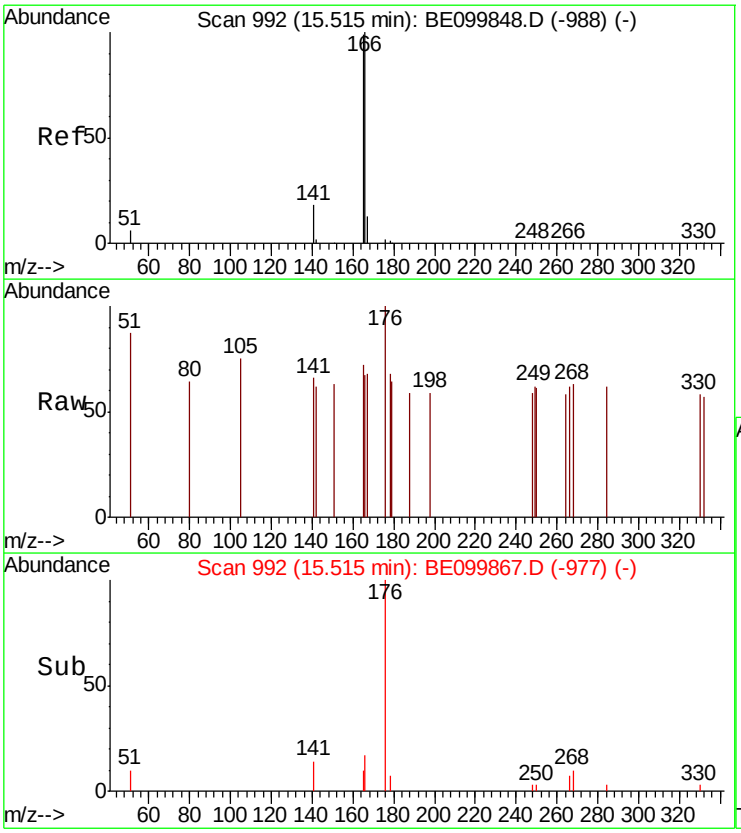
#17
Acenaphthene
Concen: 0.003 ng
RT: 14.53 min Scan# 924
Delta R.T. -0.02 min
Lab File: BE099867.D
Acq: 7 Jun 2019 23:54

Instrument :
BNA_E
ClientSampleId :
BP-DUP05-20190606

Tgt Ion:154 Resp: 11

Ion	Ratio	Lower	Upper
154	100		
153	163.6	93.8	140.6#
152	90.9	48.3	72.5#

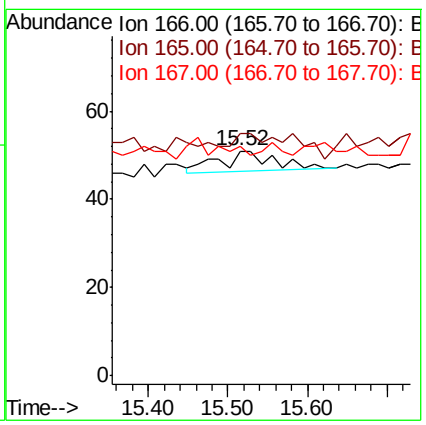


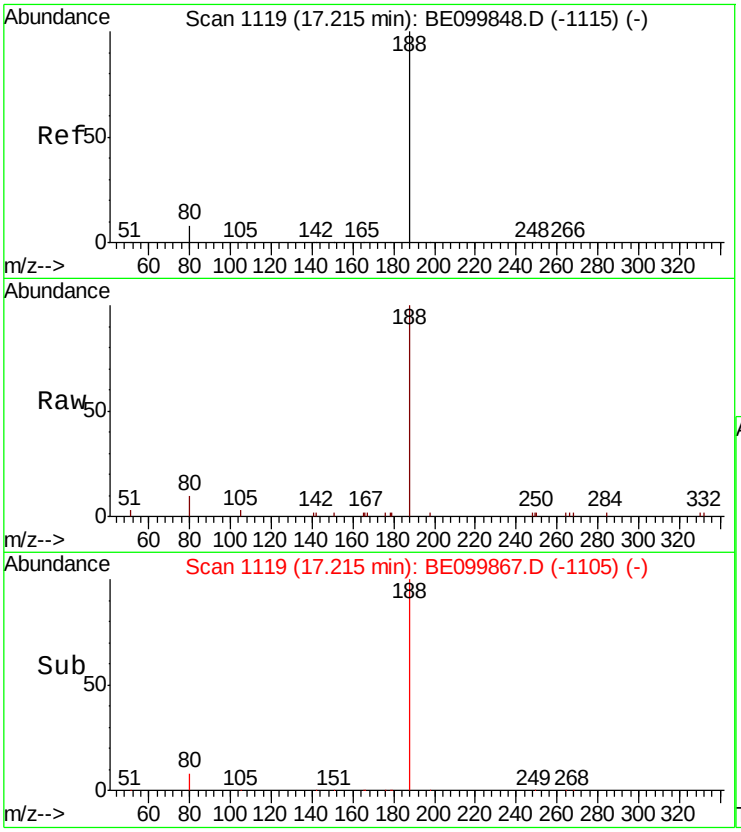


#18
Fluorene
Concen: 0.003 ng
RT: 15.52 min Scan# 992
Delta R.T. 0.00 min
Lab File: BE099867.D
Acq: 7 Jun 2019 23:54

Tgt Ion:166 Resp: 22

Ion	Ratio	Lower	Upper
166	100		
165	140.9	80.4	120.6#
167	0.0	10.7	16.1#



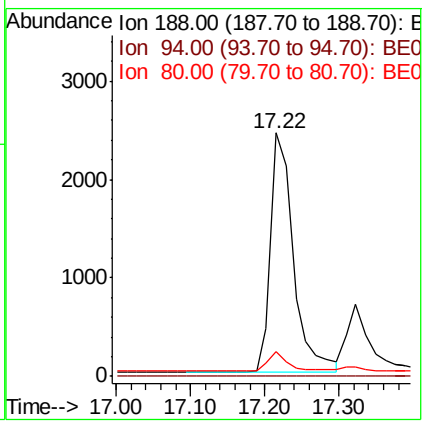


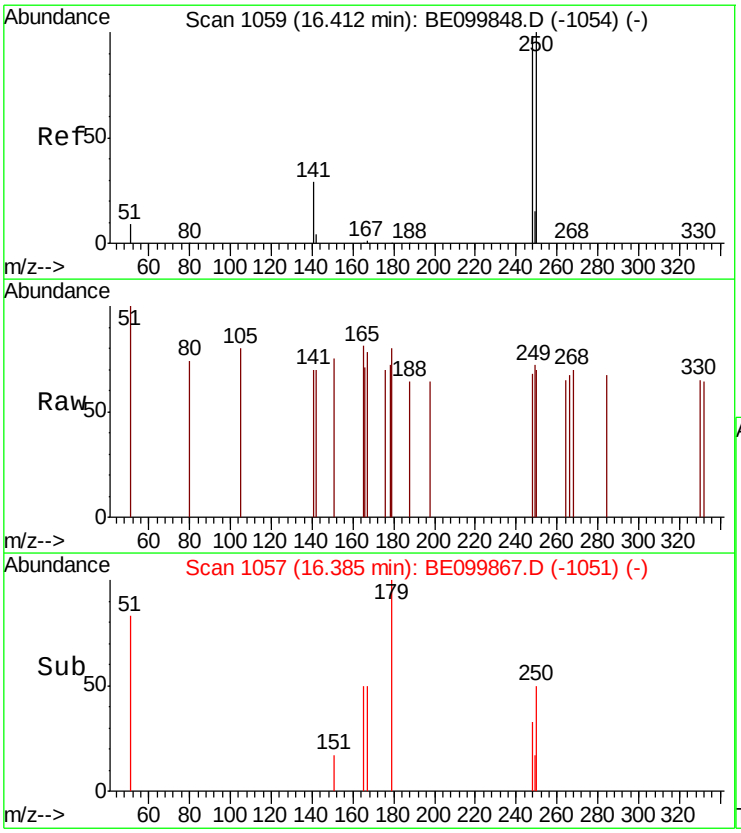
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.22 min Scan# 1119
Delta R.T. -0.01 min
Lab File: BE099867.D
Acq: 7 Jun 2019 23:54

Instrument :
BNA_E
ClientSampleId :
BP-DUP05-20190606

Tgt Ion:188 Resp: 5170

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	10.0	5.2	7.8#

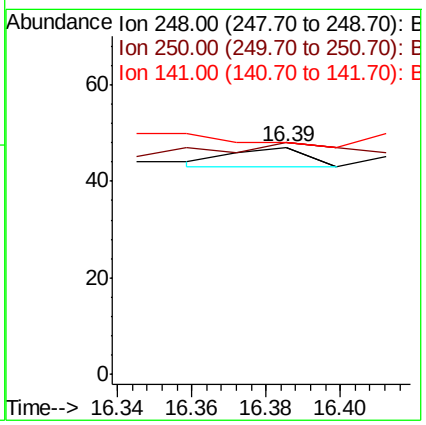


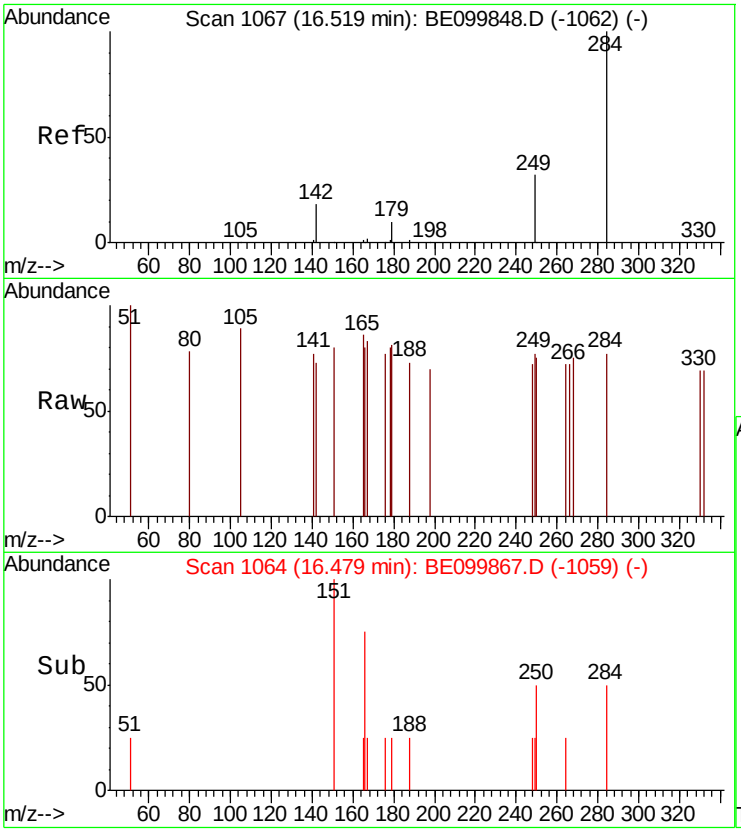


#20
4-Bromophenyl-phenylether
Concen: 0.002 ng
RT: 16.39 min Scan# 1057
Delta R.T. -0.03 min
Lab File: BE099867.D
Acq: 7 Jun 2019 23:54

Tgt Ion:248 Resp: 6

Ion	Ratio	Lower	Upper
248	100		
250	102.1	73.7	110.5
141	102.1	40.9	61.3#



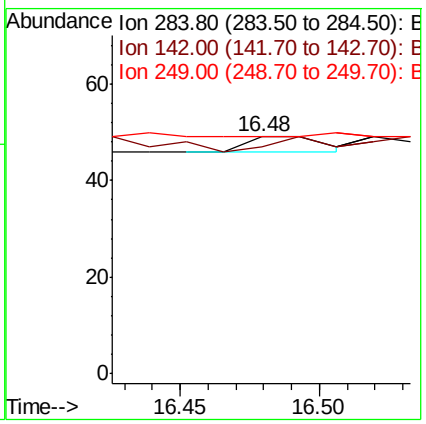


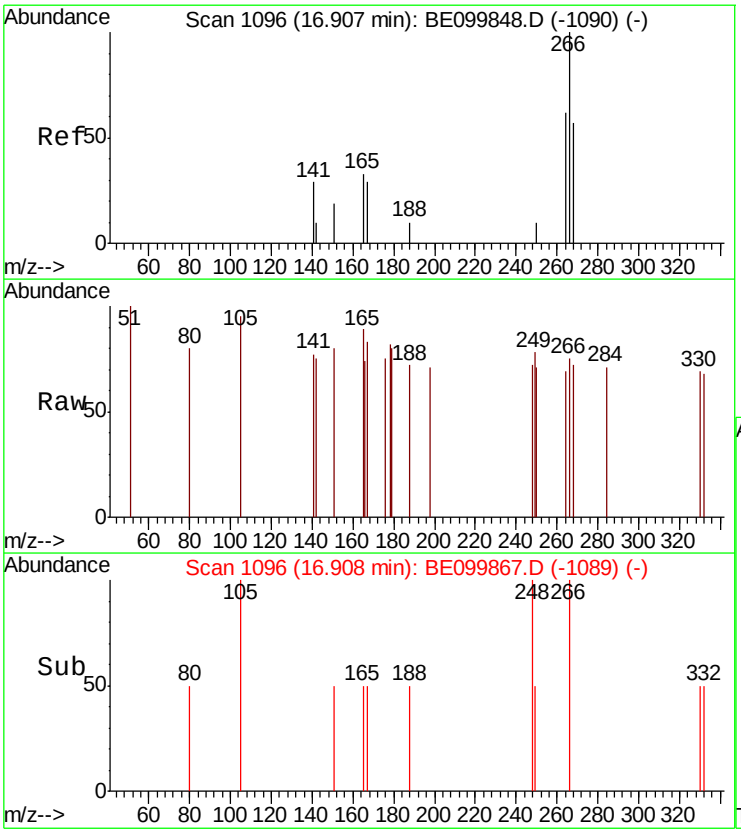
#21
Hexachlorobenzene
Concen: 0.002 ng
RT: 16.48 min Scan# 1064
Delta R.T. -0.04 min
Lab File: BE099867.D
Acq: 7 Jun 2019 23:54

Instrument :
BNA_E
ClientSampleId :
BP-DUP05-20190606

Tgt Ion:284 Resp: 6

Ion	Ratio	Lower	Upper
284	100		
142	0.0	16.2	24.4#
249	0.0	23.1	34.7#

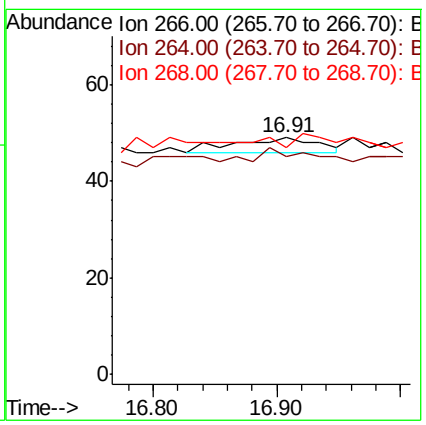


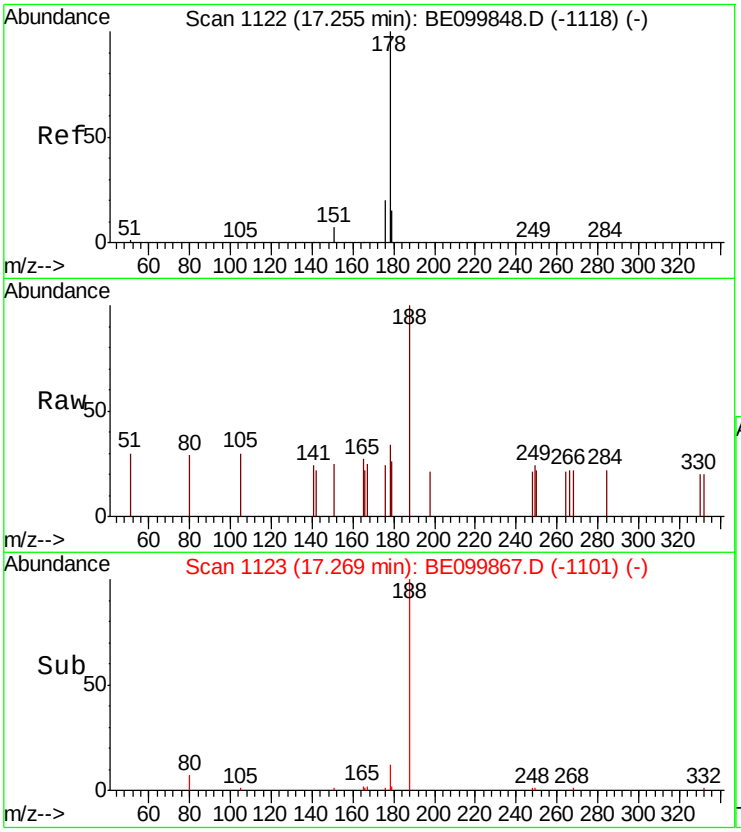


#22
Pentachlorophenol
Concen: 0.241 ng
RT: 16.91 min Scan# 1096
Delta R.T. -0.01 min
Lab File: BE099867.D
Acq: 7 Jun 2019 23:54

Tgt Ion:266 Resp: 14

Ion	Ratio	Lower	Upper
266	100		
264	91.8	64.9	97.3
268	95.9	64.0	96.0



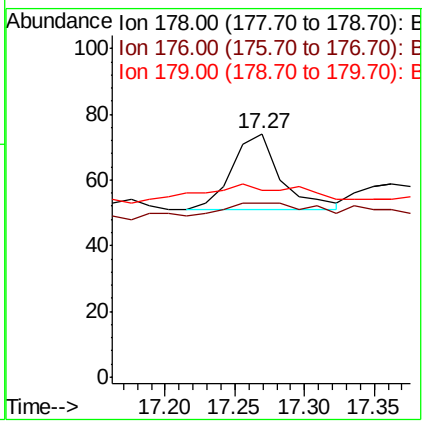


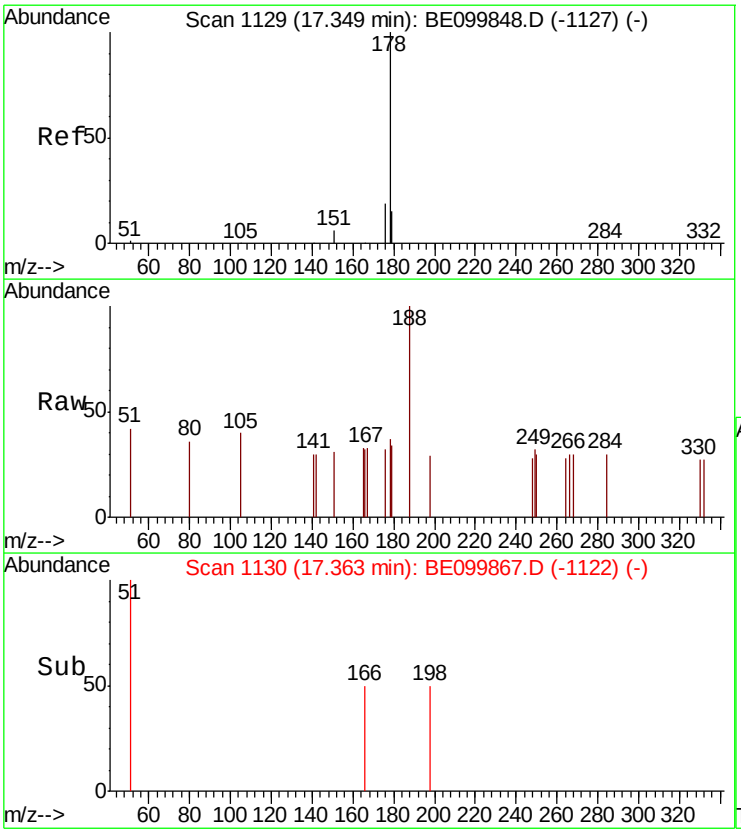
#23
Phenanthrene
Concen: 0.004 ng
RT: 17.27 min Scan# 1123
Delta R.T. 0.00 min
Lab File: BE099867.D
Acq: 7 Jun 2019 23:54

Instrument :
BNA_E
ClientSampleId :
BP-DUP05-20190606

Tgt Ion:178 Resp: 56

Ion	Ratio	Lower	Upper
178	100		
176	30.4	15.4	23.0#
179	62.5	12.5	18.7#

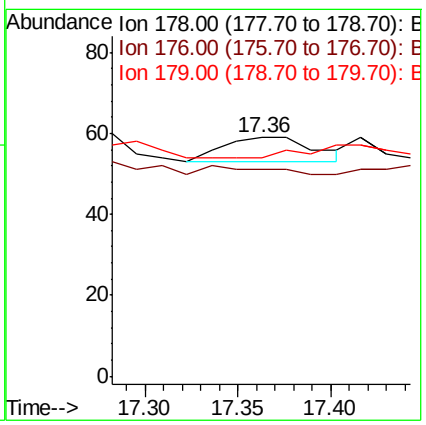


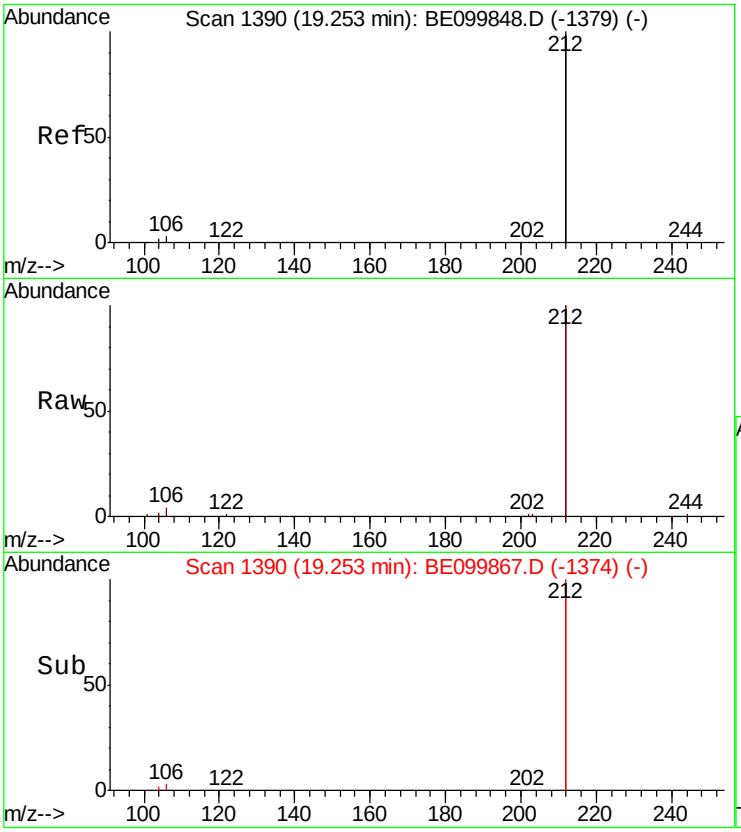


#24
Anthracene
Concen: 0.002 ng
RT: 17.36 min Scan# 1130
Delta R.T. 0.00 min
Lab File: BE099867.D
Acq: 7 Jun 2019 23:54

Tgt Ion:178 Resp: 21

Ion	Ratio	Lower	Upper
178	100		
176	0.0	15.1	22.7#
179	0.0	12.1	18.1#



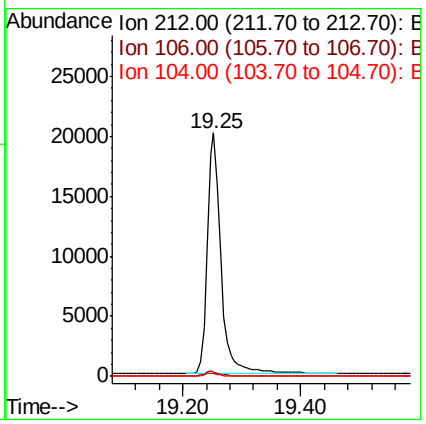


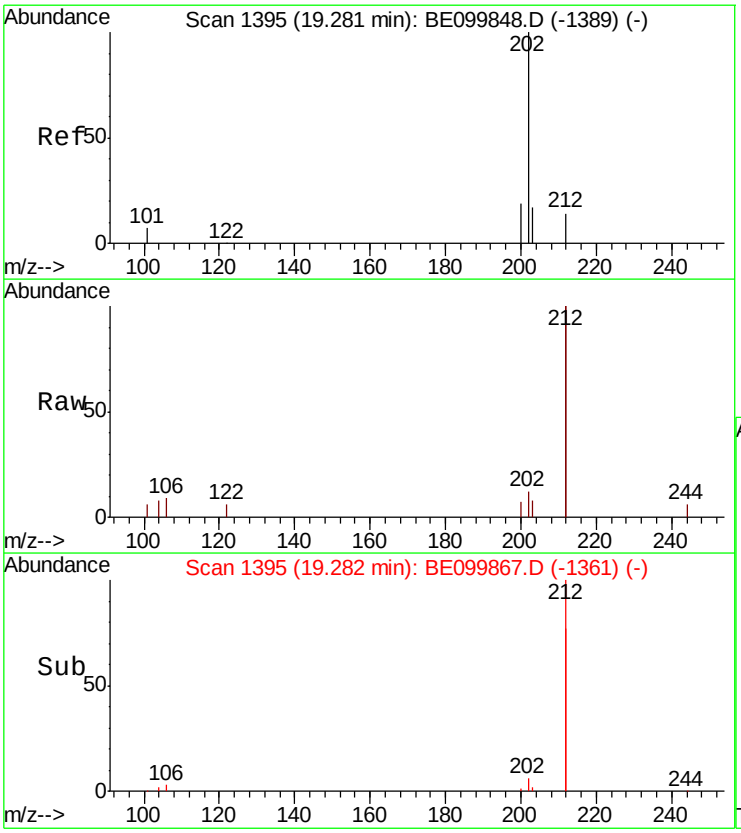
#25
Fluoranthene-d10
Concen: 0.412 ng
RT: 19.25 min Scan# 1390
Delta R.T. -0.01 min
Lab File: BE099867.D
Acq: 7 Jun 2019 23:54

Instrument :
BNA_E
ClientSampleId :
BP-DUP05-20190606

Tgt Ion:212 Resp: 32991

Ion	Ratio	Lower	Upper
212	100		
106	1.7	1.4	2.0
104	1.0	0.8	1.2

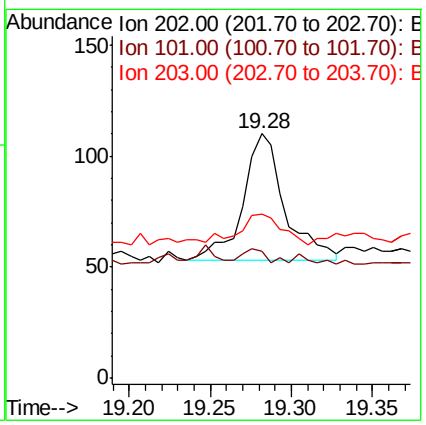


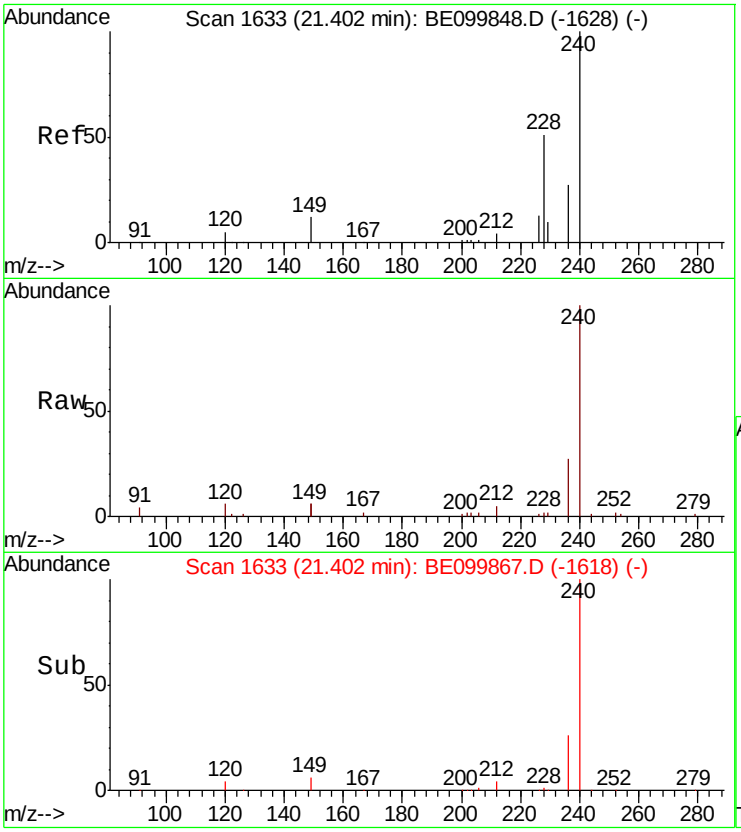


#26
Fluoranthene
Concen: 0.005 ng
RT: 19.28 min Scan# 1395
Delta R.T. -0.01 min
Lab File: BE099867.D
Acq: 7 Jun 2019 23:54

Tgt Ion:202 Resp: 102

Ion	Ratio	Lower	Upper
202	100		
101	5.9	5.2	7.8
203	26.5	13.6	20.4#



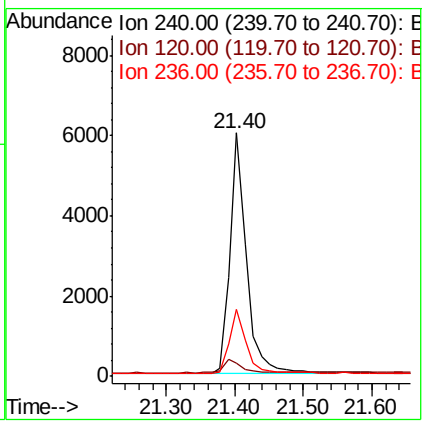


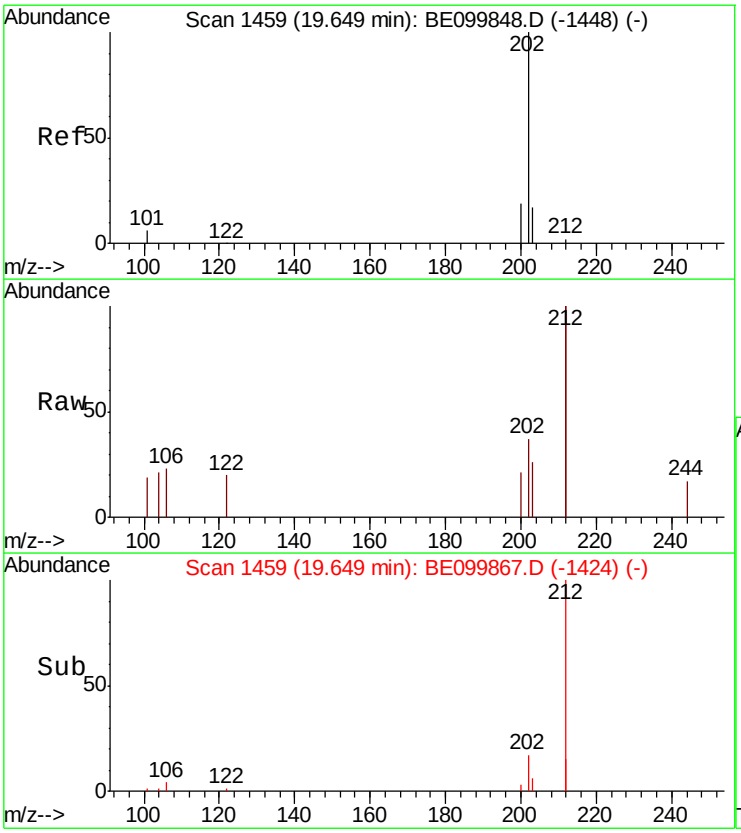
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.40 min Scan# 1633
Delta R.T. -0.01 min
Lab File: BE099867.D
Acq: 7 Jun 2019 23:54

Instrument :
BNA_E
ClientSampleId :
BP-DUP05-20190606

Tgt Ion:240 Resp: 10114

Ion	Ratio	Lower	Upper
240	100		
120	5.6	2.8	4.2#
236	27.4	20.9	31.3

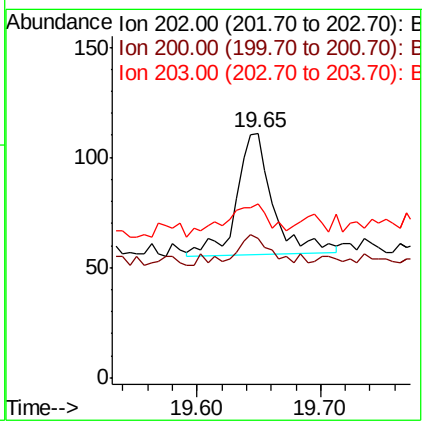


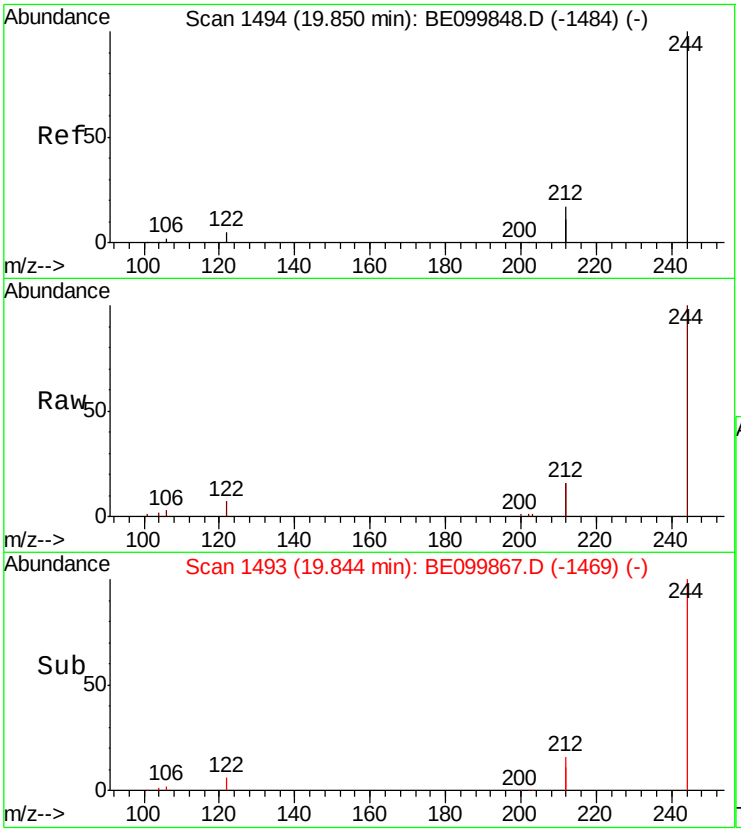


#28
Pyrene
Concen: 0.004 ng
RT: 19.65 min Scan# 1459
Delta R.T. -0.00 min
Lab File: BE099867.D
Acq: 7 Jun 2019 23:54

Tgt Ion:202 Resp: 113

Ion	Ratio	Lower	Upper
202	100		
200	17.7	15.6	23.4
203	35.4	14.1	21.1#



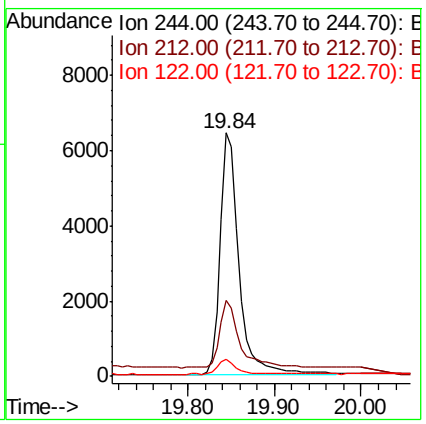


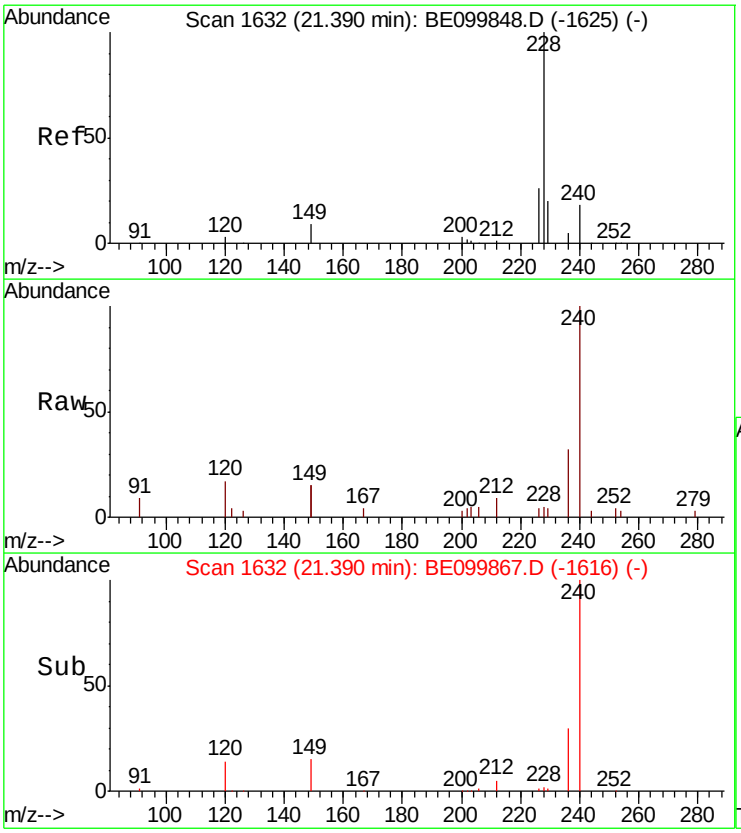
#29
Terphenyl-d14
Concen: 0.513 ng
RT: 19.84 min Scan# 1493
Delta R.T. -0.01 min
Lab File: BE099867.D
Acq: 7 Jun 2019 23:54

Instrument :
BNA_E
ClientSampleId :
BP-DUP05-20190606

Tgt Ion:244 Resp: 9678

Ion	Ratio	Lower	Upper
244	100		
212	31.4	23.7	35.5
122	7.0	4.8	7.2

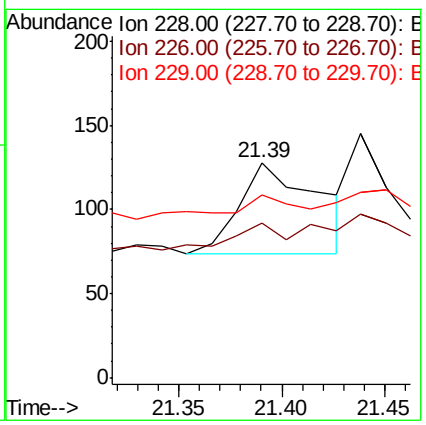


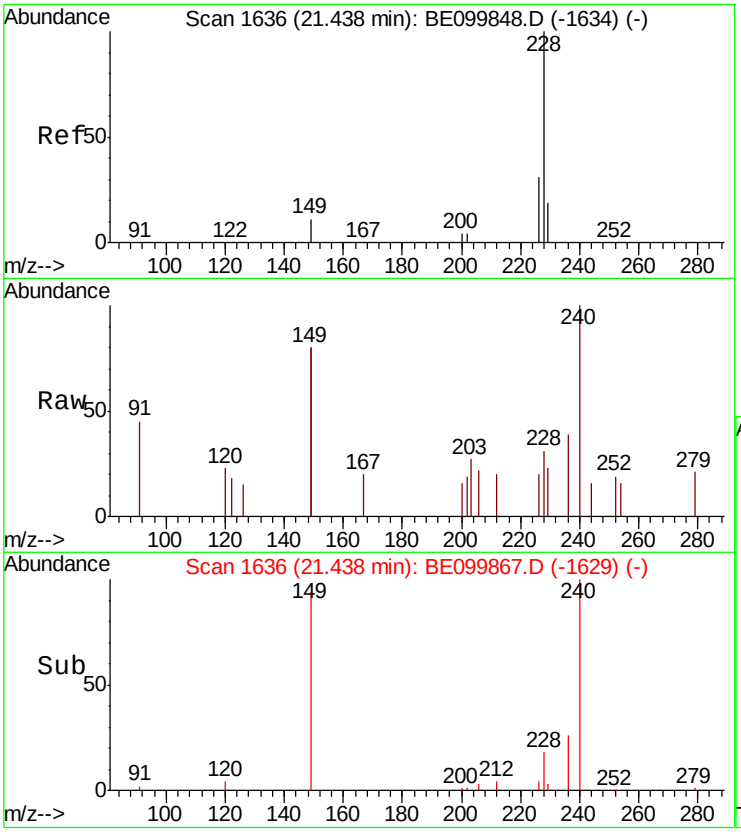


#30
Benzo(a)anthracene
Concen: 0.004 ng
RT: 21.39 min Scan# 1632
Delta R.T. -0.00 min
Lab File: BE099867.D
Acq: 7 Jun 2019 23:54

Tgt Ion:228 Resp: 142

Ion	Ratio	Lower	Upper
228	100		
226	71.9	21.6	32.4#
229	85.2	15.8	23.6#



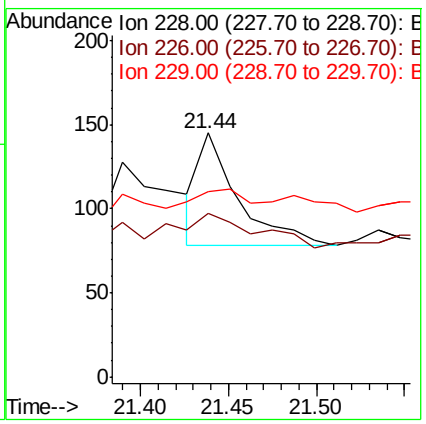


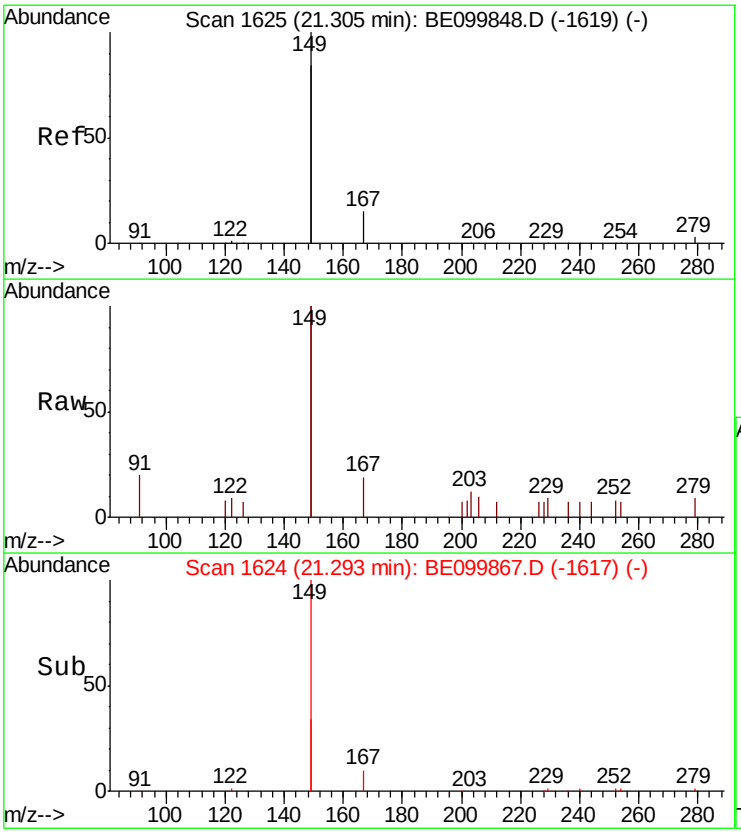
#31
Chrysene
Concen: 0.003 ng
RT: 21.44 min Scan# 1636
Delta R.T. -0.01 min
Lab File: BE099867.D
Acq: 7 Jun 2019 23:54

Instrument :
BNA_E
ClientSampleId :
BP-DUP05-20190606

Tgt Ion:228 Resp: 103

Ion	Ratio	Lower	Upper
228	100		
226	66.9	22.9	34.3#
229	75.9	16.4	24.6#

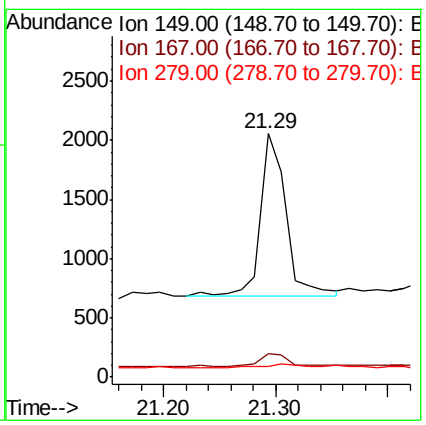


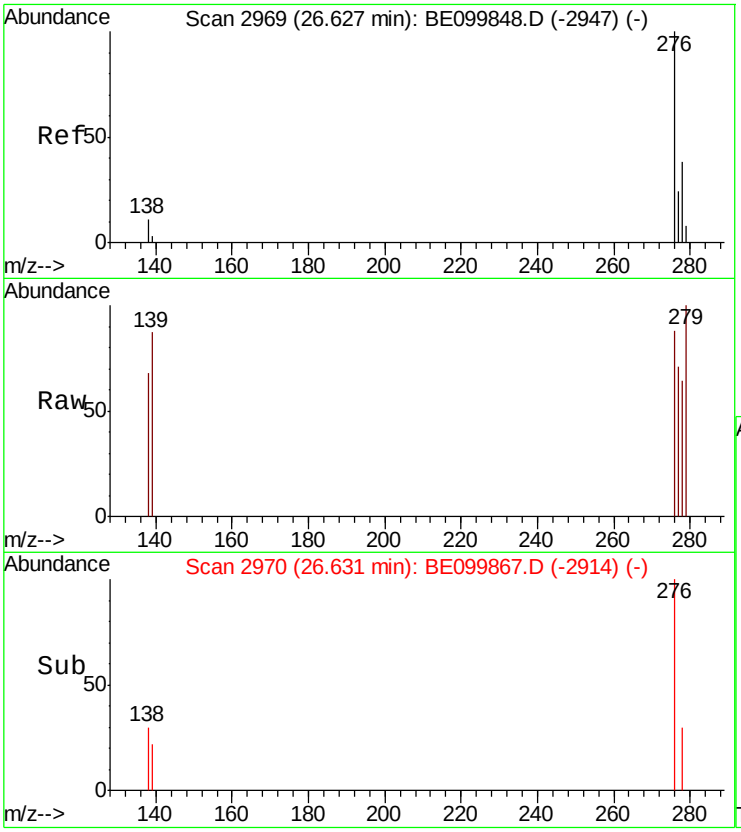


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.042 ng
RT: 21.29 min Scan# 1624
Delta R.T. -0.01 min
Lab File: BE099867.D
Acq: 7 Jun 2019 23:54

Tgt Ion:149 Resp: 2218

Ion	Ratio	Lower	Upper
149	100		
167	7.4	6.0	9.0
279	4.1	1.2	1.8#



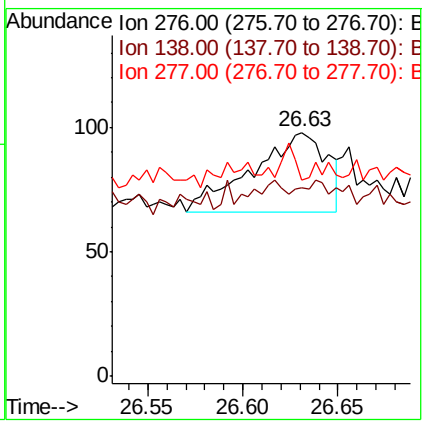


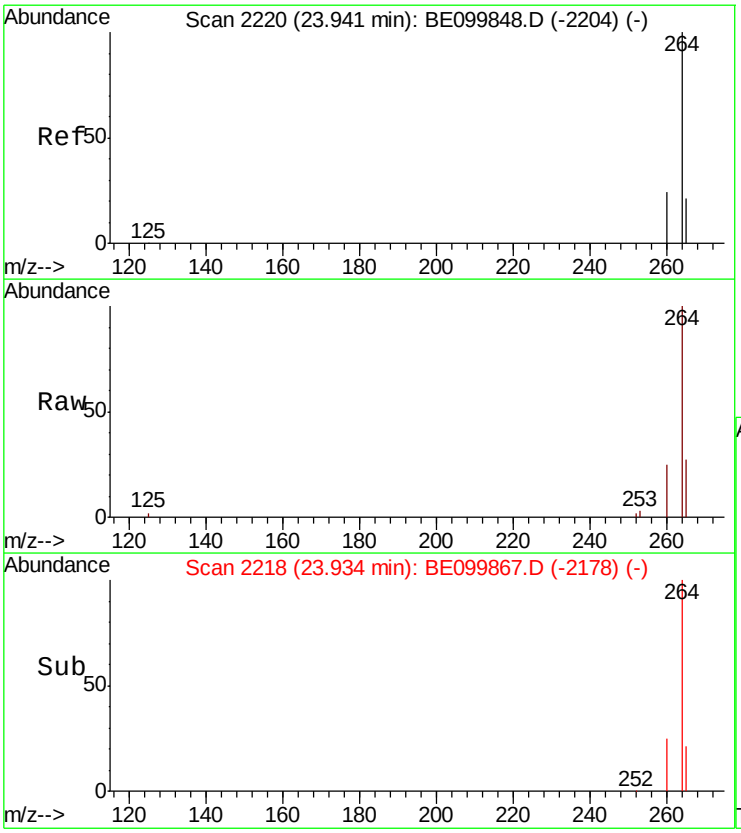
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.002 ng
RT: 26.63 min Scan# 2970
Delta R.T. 0.00 min
Lab File: BE099867.D
Acq: 7 Jun 2019 23:54

Instrument :
BNA_E
ClientSampleId :
BP-DUP05-20190606

Tgt Ion:276 Resp: 87

Ion	Ratio	Lower	Upper
276	100		
138	3.4	10.3	15.5#
277	5.7	19.4	29.2#

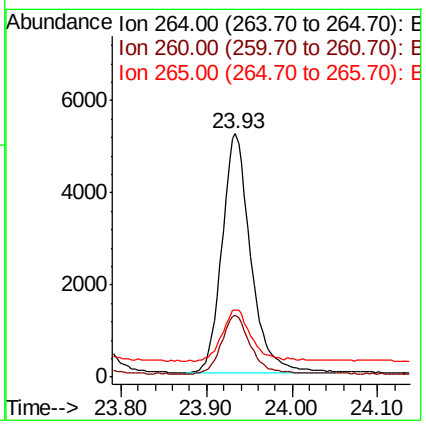


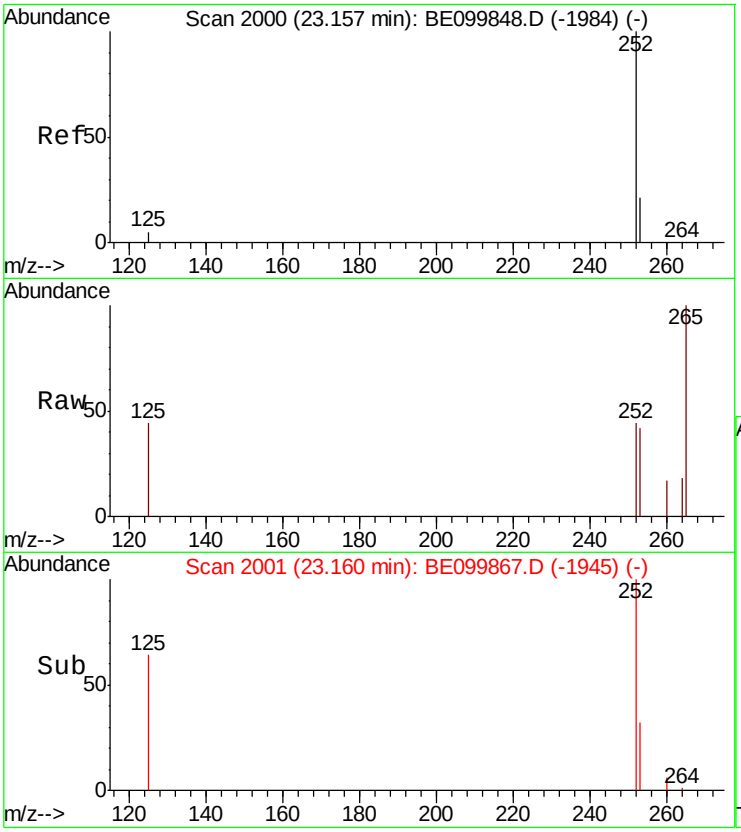


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.93 min Scan# 2218
Delta R.T. -0.01 min
Lab File: BE099867.D
Acq: 7 Jun 2019 23:54

Tgt Ion:264 Resp: 12180

Ion	Ratio	Lower	Upper
264	100		
260	25.4	20.0	30.0
265	27.5	20.7	31.1



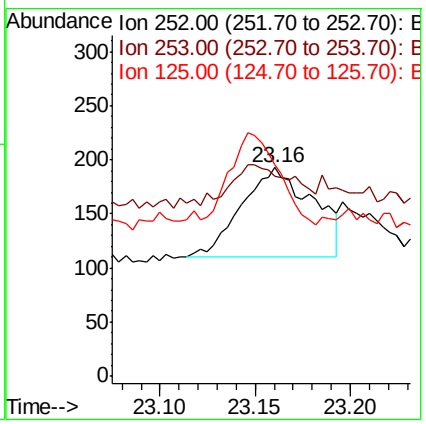


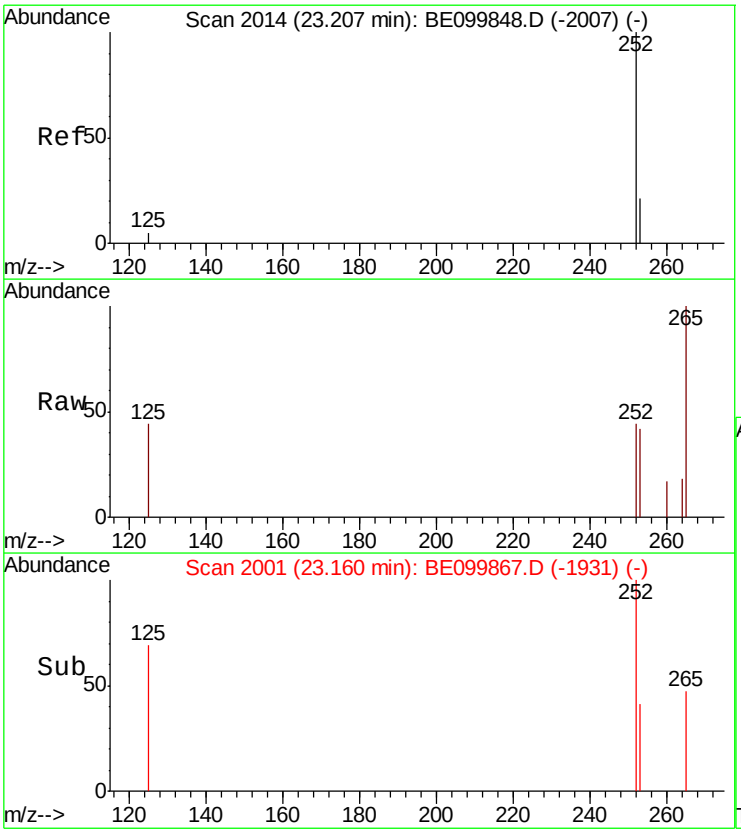
#35
Benzo(b)fluoranthene
Concen: 0.006 ng
RT: 23.16 min Scan# 2001
Delta R.T. -0.00 min
Lab File: BE099867.D
Acq: 7 Jun 2019 23:54

Instrument :
BNA_E
ClientSampleId :
BP-DUP05-20190606

Tgt Ion:252 Resp: 217

Ion	Ratio	Lower	Upper
252	100		
253	95.9	18.9	28.3#
125	101.0	7.6	11.4#

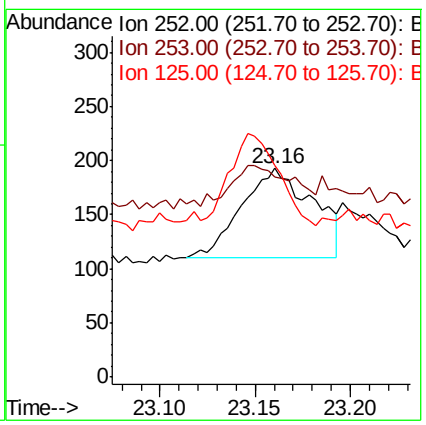


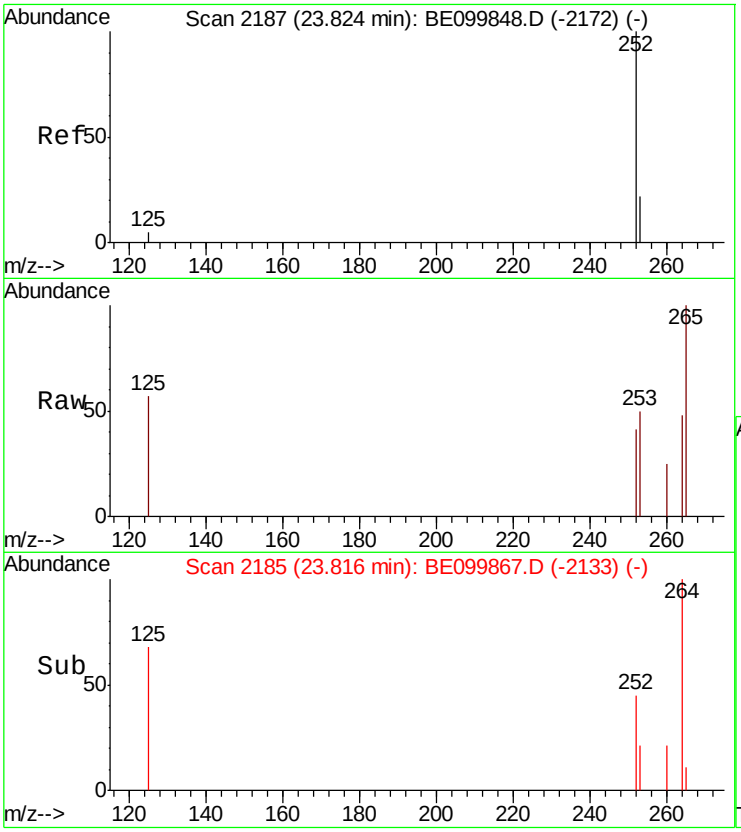


#36
Benzo(k)fluoranthene
Concen: 0.006 ng
RT: 23.16 min Scan# 2001
Delta R.T. -0.05 min
Lab File: BE099867.D
Acq: 7 Jun 2019 23:54

Tgt Ion:252 Resp: 217

Ion	Ratio	Lower	Upper
252	100		
253	95.9	18.4	27.6#
125	101.0	4.6	7.0#



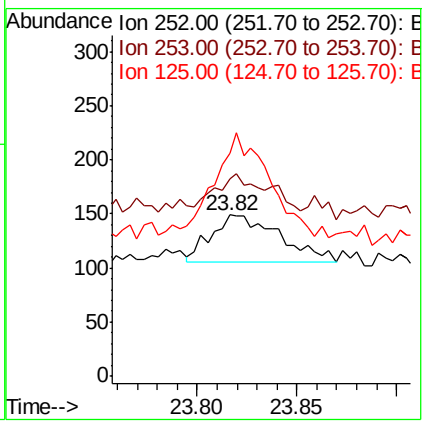


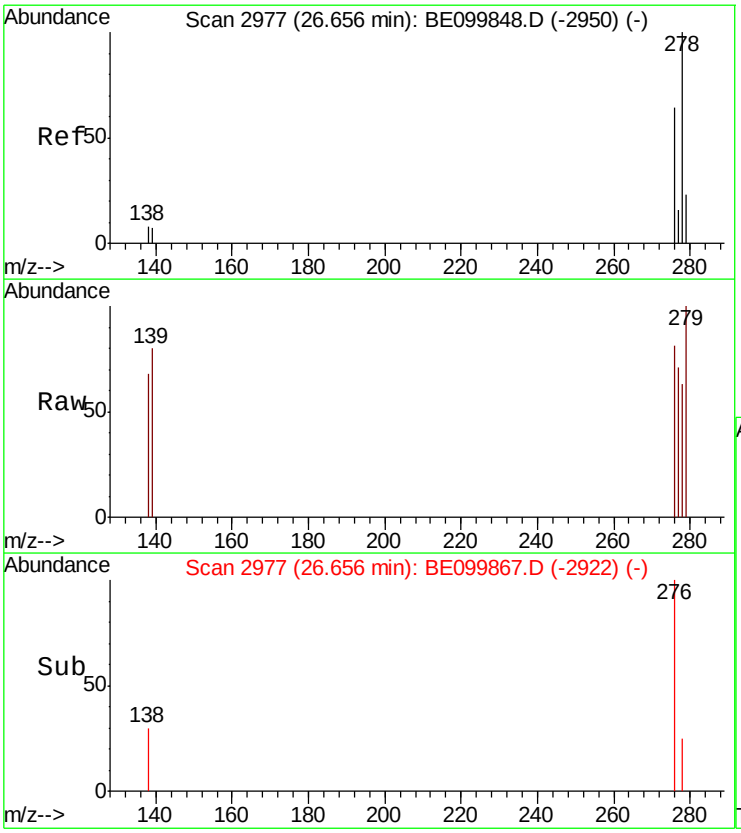
#37
Benzo(a)pyrene
Concen: 0.003 ng
RT: 23.82 min Scan# 2185
Delta R.T. -0.01 min
Lab File: BE099867.D
Acq: 7 Jun 2019 23:54

Instrument :
BNA_E
ClientSampleId :
BP-DUP05-20190606

Tgt Ion:252 Resp: 101

Ion	Ratio	Lower	Upper
252	100		
253	122.8	19.3	28.9#
125	138.3	10.2	15.4#

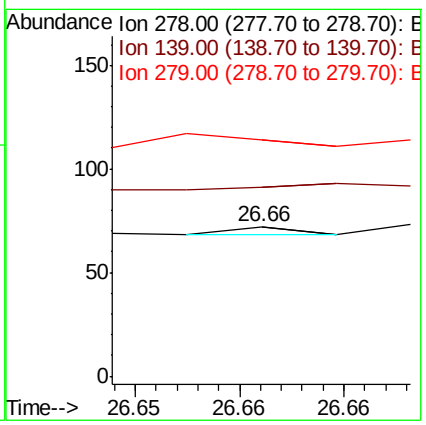


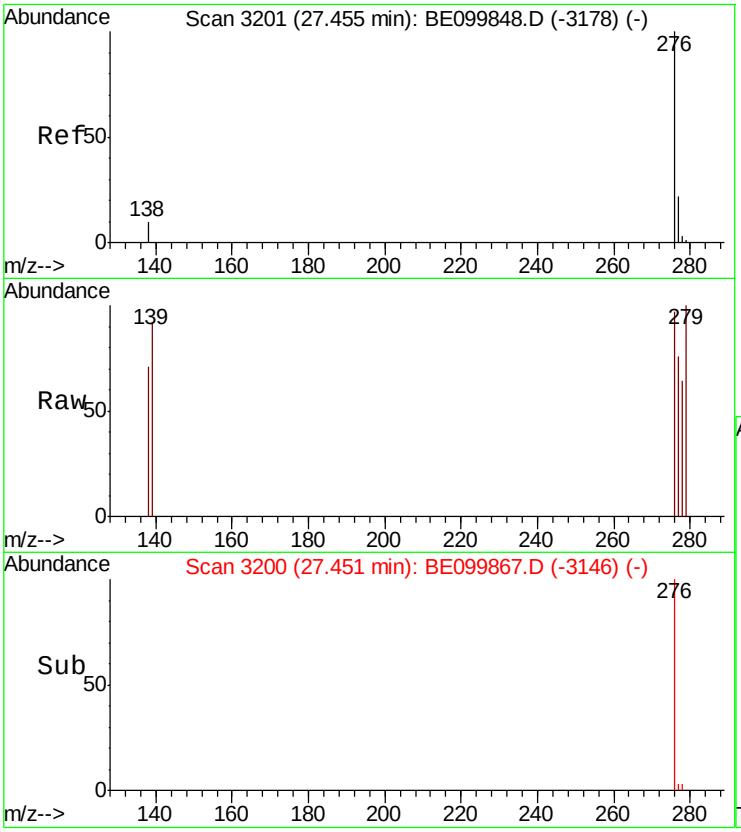


#38
Dibenzo(a,h)anthracene
Concen: 0.000 ng
RT: 26.66 min Scan# 2977
Delta R.T. -0.00 min
Lab File: BE099867.D
Acq: 7 Jun 2019 23:54

Tgt Ion:278 Resp: 1

Ion	Ratio	Lower	Upper
278	100		
139	126.4	7.9	11.9#
279	158.3	18.5	27.7#





#39
Benzo(g,h,i)perylene
Concen: 0.001 ng
RT: 27.45 min Scan# 3200
Delta R.T. -0.01 min
Lab File: BE099867.D
Acq: 7 Jun 2019 23:54

Instrument :
BNA_E
ClientSampleId :
BP-DUP05-20190606

Tgt Ion:276 Resp: 48

Ion	Ratio	Lower	Upper
276	100		
277	78.2	19.6	29.4#
138	73.3	9.0	13.4#