Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE061019\
Data File : BE099907.D
Acq On : 11 Jun 2019 1:21
Operator : JU/SJ
Sample : K3257-11
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : FB01-20190606

Quant Time: Jun 11 06:00:44 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	7.79	152	824	0.40	ng		0.00
7) Naphthalene-d8	10.60	136	2815	0.40	ng		0.00
13) Acenaphthene-d10	14.47	164	2110	0.40	ng		0.00
19) Phenanthrene-d10	17.23	188	7041	0.40	ng		0.01
27) Chrysene-d12	21.40	240	9212	0.40	ng		0.00
34) Perylene-d12	23.93	264	11032	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.36	112	196	0.09	ng		0.00
5) Phenol-d6	7.00	99	192	0.07	ng		0.03
8) Nitrobenzene-d5	8.98	82	1031	0.39	ng		0.01
11) 2-Methylnaphthalene-d10	12.21	152	1772	0.36	ng		0.00
14) 2,4,6-Tribromophenol	16.00	330	21	0.01	ng		0.03
15) 2-Fluorobiphenyl	13.10	172	3554	0.44	ng		0.00
25) Fluoranthene-d10	19.25	212	36607	0.36	ng		0.00
29) Terphenyl-d14	19.85	244	9196	0.55	ng		0.00
Target Compounds							Qvalue
3) n-Nitrosodimethylamine	3.55	42	26	0.037	ng	#	100
6) bis(2-Chloroethyl)ether	7.21	93	15	0.006	ng	#	1
9) Naphthalene	10.65	128	421	0.014	ng	#	62
10) Hexachlorobutadiene	10.97	225	3	0.001	ng	#	18
12) 2-Methylnaphthalene	12.28	142	4	0.001	ng	#	61
16) Acenaphthylene	14.20	152	16	0.002	ng	#	61
17) Acenaphthene	14.47	154	8	0.001	ng	#	3
18) Fluorene	15.54	166	6	0.001	ng	#	1
20) 4-Bromophenyl-phenylether	16.44	248	6	0.002	ng	#	73
22) Pentachlorophenol	16.96	266	6	0.303	ng		84
23) Phenanthrene	17.25	178	23	0.001	ng	#	60
24) Anthracene	17.36	178	16	0.001	ng	#	52
26) Fluoranthene	19.28	202	19	0.001	ng	#	59
28) Pyrene	19.65	202	23	0.001	ng	#	88
30) Benzo(a)anthracene	21.40	228	73	0.003	ng	#	1
31) Chrysene	21.40	228	62	0.002	ng	#	1
32) Bis(2-ethylhexyl)phthalate	21.29	149	646	0.016	ng	#	96
33) Indeno(1,2,3-cd)pyrene	26.60	276	7	0.000	ng	#	73
35) Benzo(b)fluoranthene	23.15	252	64	0.002	ng	#	1
36) Benzo(k)fluoranthene	23.15	252	64	0.002	ng	#	1
37) Benzo(a)pyrene	23.81	252	5	0.000	ng	#	1
38) Dibenzo(a,h)anthracene	26.63	278	3	0.000	ng	#	1
39) Benzo(g,h,i)perylene	27.43	276	2	0.000	ng	#	1

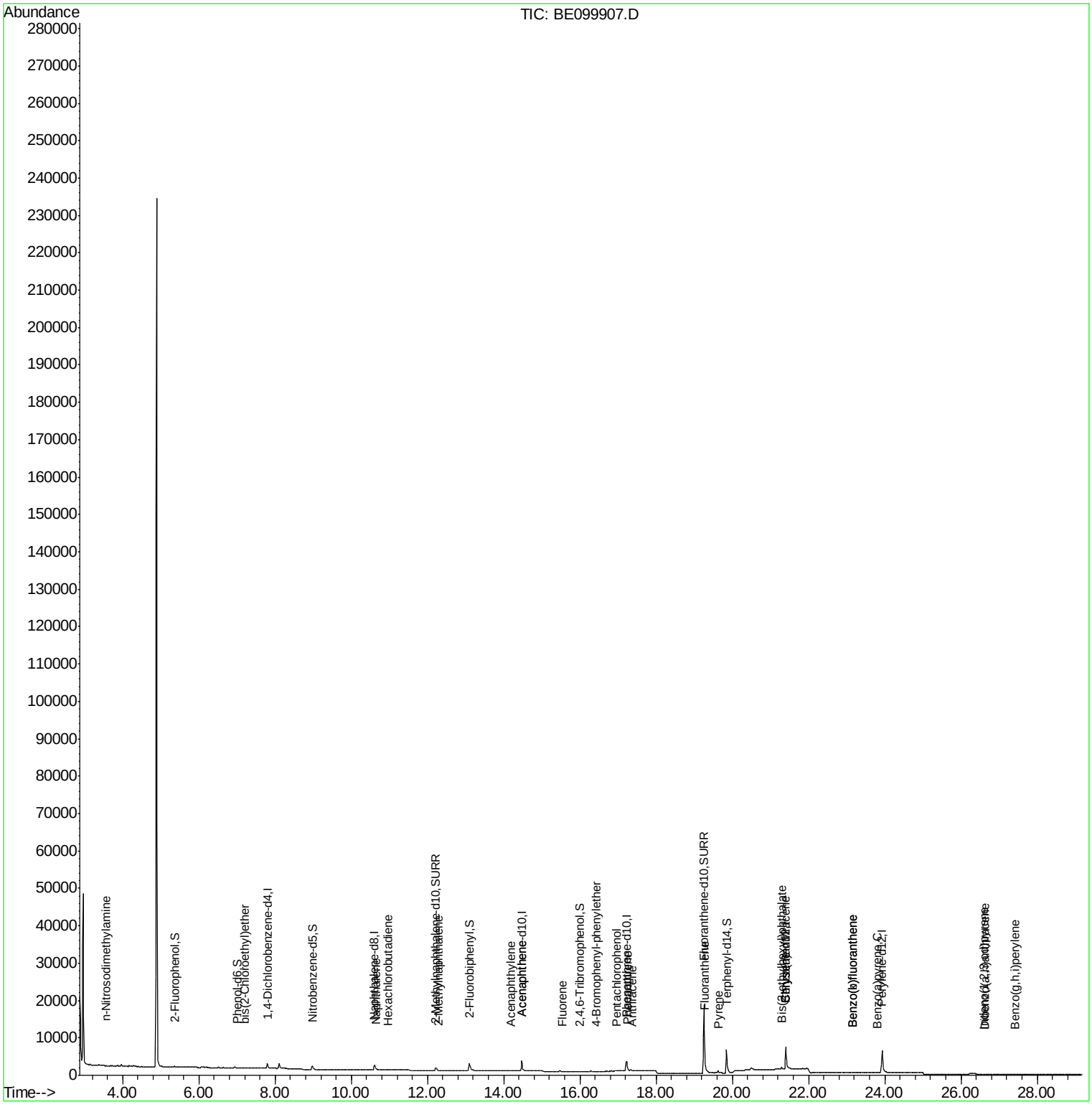
(#) = qualifier out of range (m) = manual integration (+) = signals summed

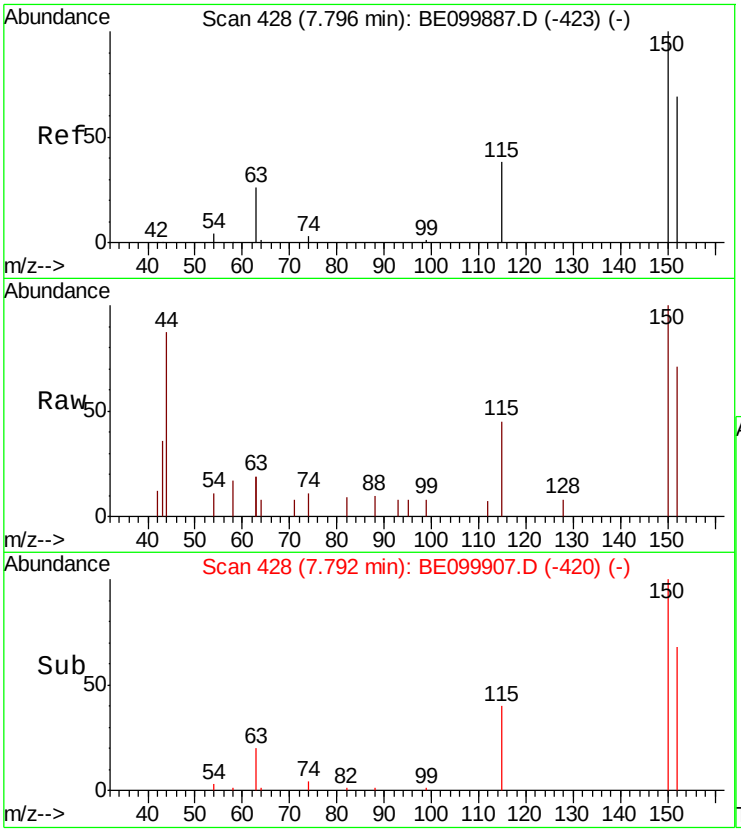
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE061019\
Data File : BE099907.D
Acq On : 11 Jun 2019 1:21
Operator : JU/SJ
Sample : K3257-11
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
FB01-20190606

Quant Time: Jun 11 06:00:44 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



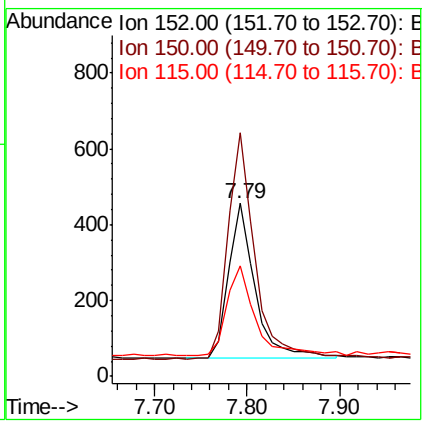


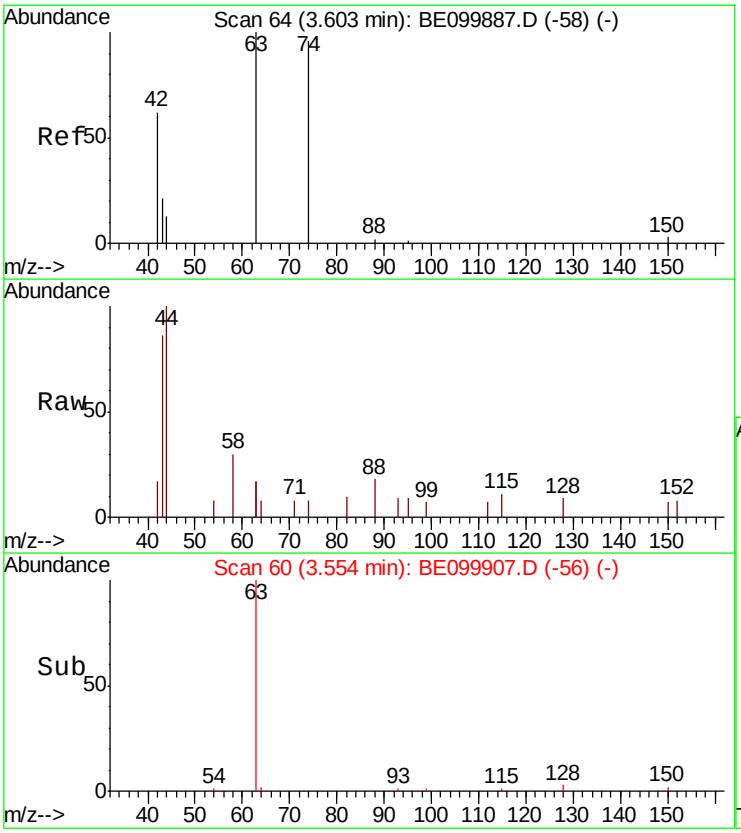
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.79 min Scan# 428
Delta R.T. -0.00 min
Lab File: BE099907.D
Acq: 11 Jun 2019 1:21

Instrument :
BNA_E
ClientSampleId :
FB01-20190606

Tgt Ion:152 Resp: 824

Ion	Ratio	Lower	Upper
152	100		
150	140.8	111.0	166.6
115	64.0	50.7	76.1

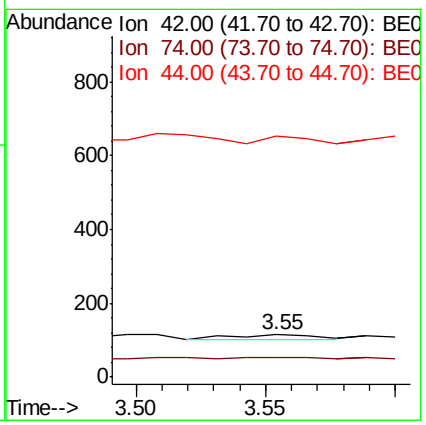


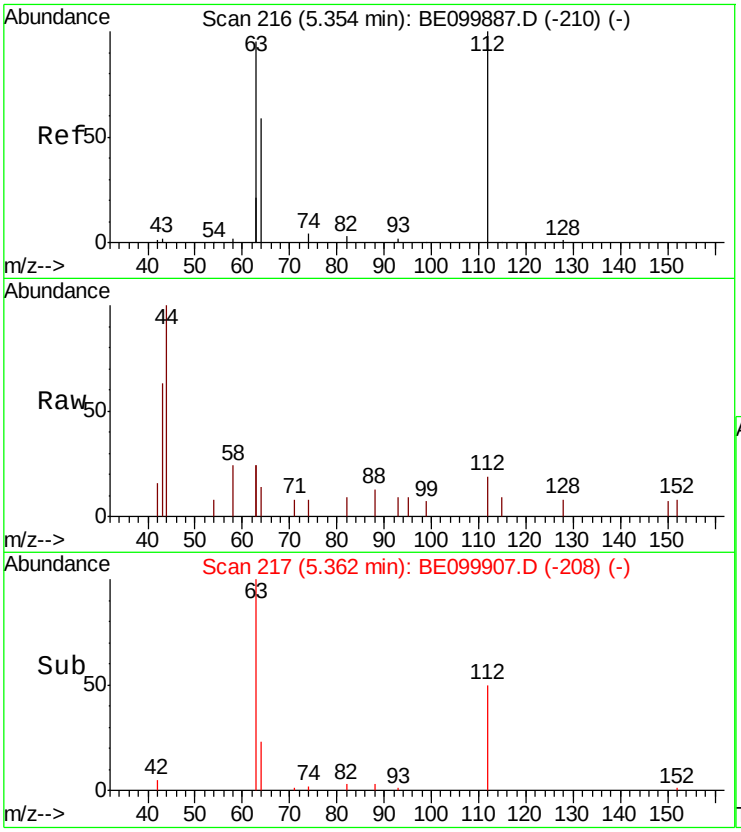


#3
n-Nitrosodimethylamine
Concen: 0.037 ng
RT: 3.55 min Scan# 60
Delta R.T. -0.05 min
Lab File: BE099907.D
Acq: 11 Jun 2019 1:21

Tgt Ion: 42 Resp: 26

Ion	Ratio	Lower	Upper
42	100		
74	11.5	0.0	0.0#
44	96.2	0.0	0.0#



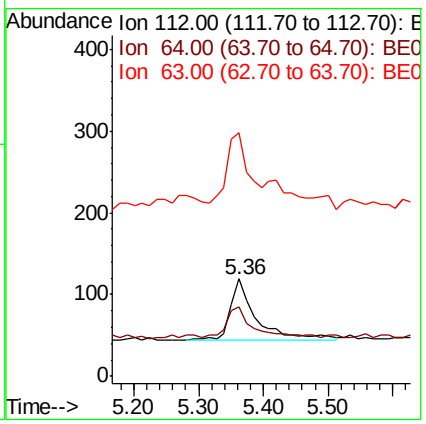


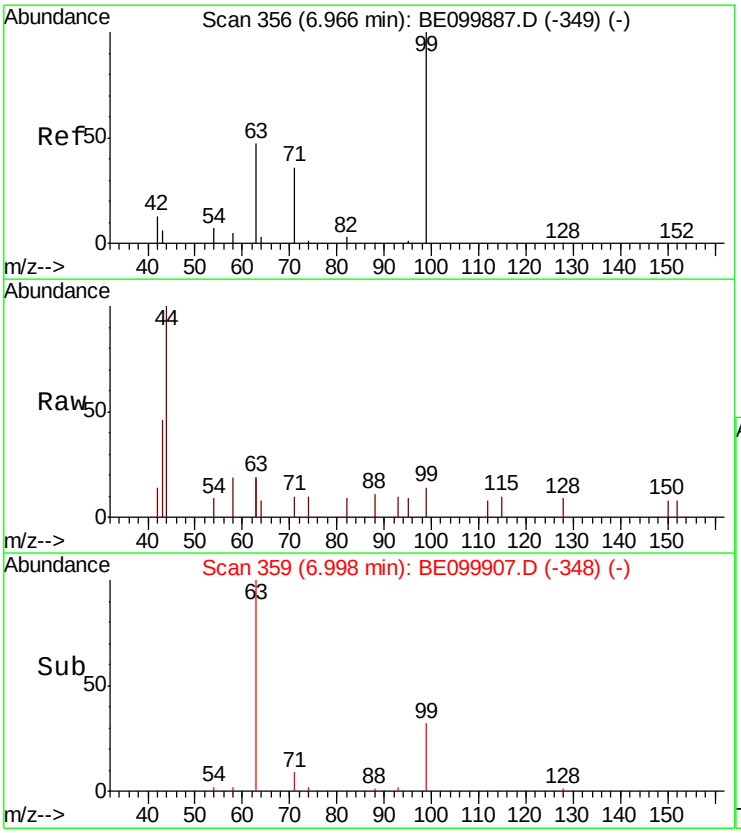
#4
2-Fluorophenol
Concen: 0.088 ng
RT: 5.36 min Scan# 217
Delta R.T. 0.01 min
Lab File: BE099907.D
Acq: 11 Jun 2019 1:21

Instrument :
BNA_E
ClientSampleId :
FB01-20190606

Tgt Ion:112 Resp: 196

Ion	Ratio	Lower	Upper
112	100		
64	47.4	44.1	66.1
63	96.4	87.8	131.6

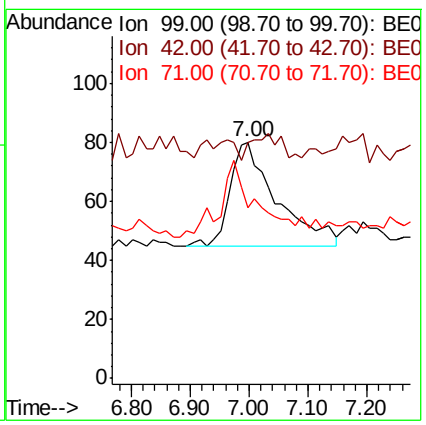


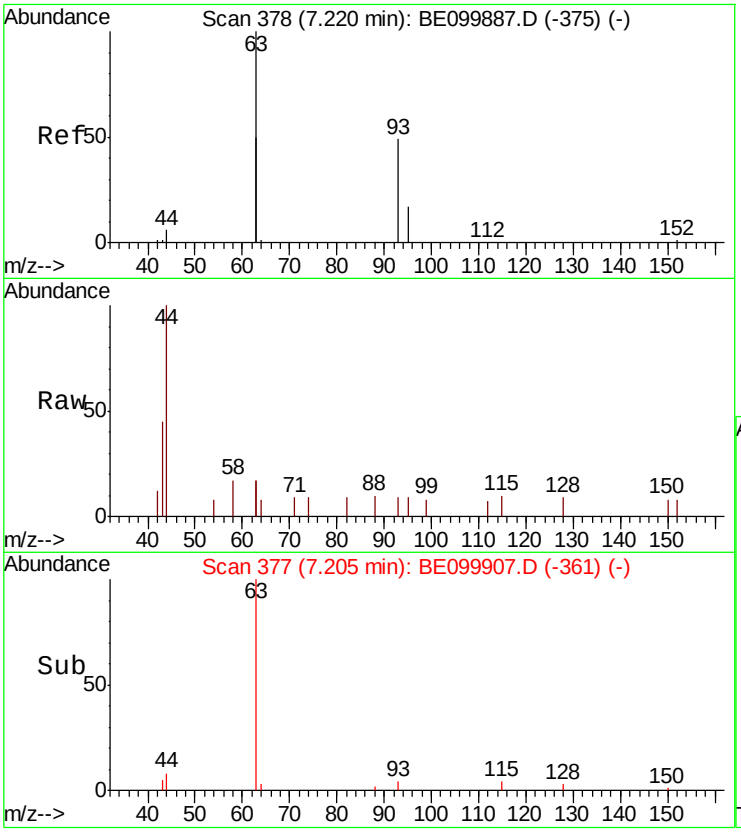


#5
Phenol-d6
Concen: 0.067 ng
RT: 7.00 min Scan# 359
Delta R.T. 0.03 min
Lab File: BE099907.D
Acq: 11 Jun 2019 1:21

Tgt Ion: 99 Resp: 192

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



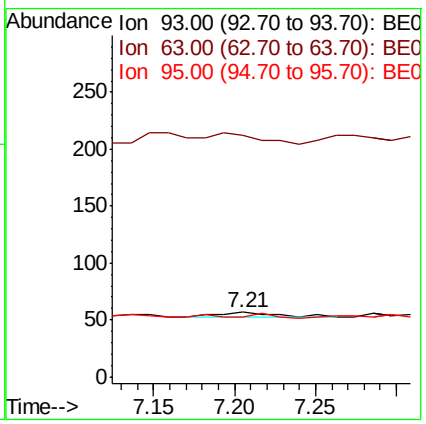


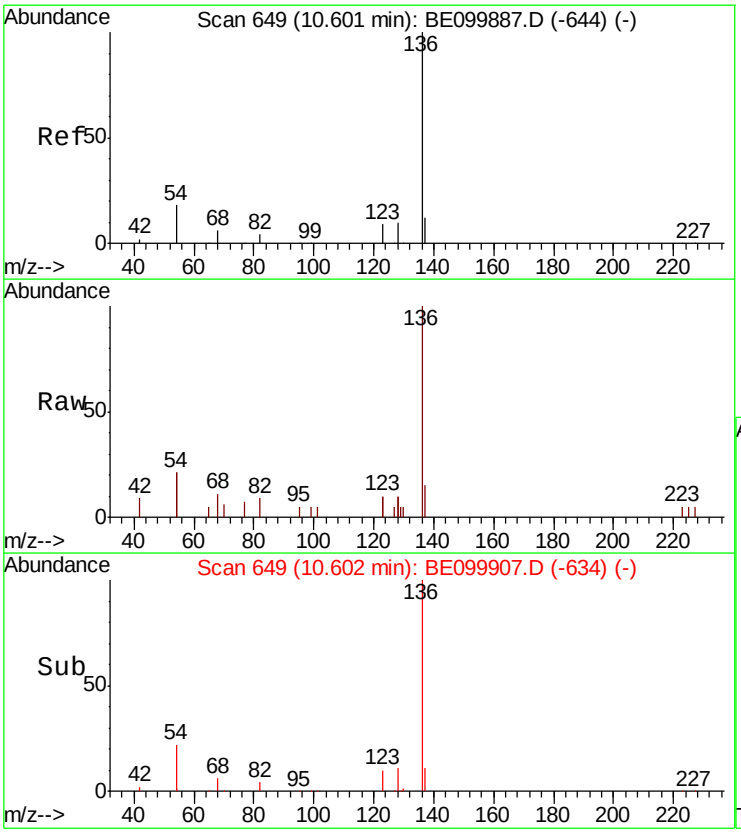
#6
bis(2-Chloroethyl)ether
Concen: 0.006 ng
RT: 7.21 min Scan# 377
Delta R.T. -0.01 min
Lab File: BE099907.D
Acq: 11 Jun 2019 1:21

Instrument :
BNA_E
ClientSampleId :
FB01-20190606

Tgt Ion: 93 Resp: 15

Ion	Ratio	Lower	Upper
93	100		
63	0.0	202.8	304.2#
95	26.7	23.7	35.5

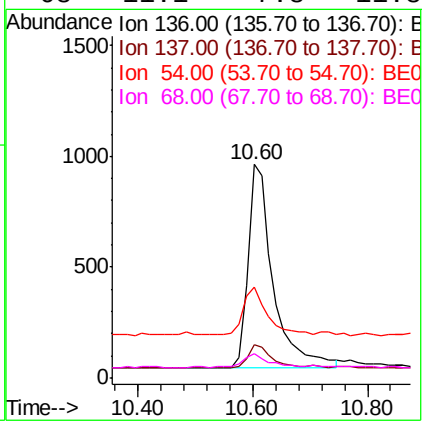


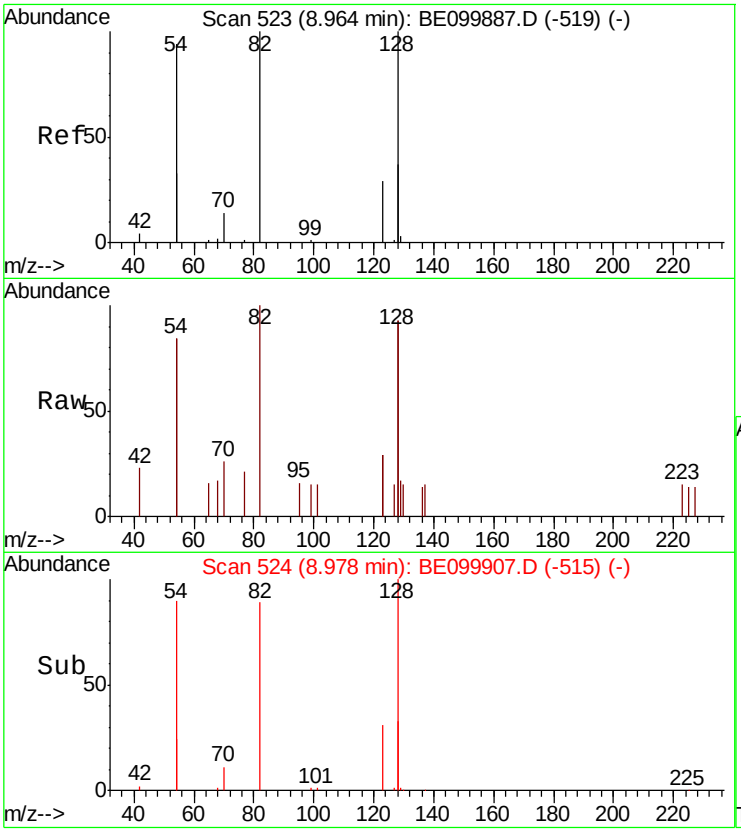


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.60 min Scan# 649
Delta R.T. 0.00 min
Lab File: BE099907.D
Acq: 11 Jun 2019 1:21

Tgt Ion:136 Resp: 2815

Ion	Ratio	Lower	Upper
136	100		
137	15.4	12.3	18.5
54	42.5	28.2	42.4#
68	11.1	7.8	11.8



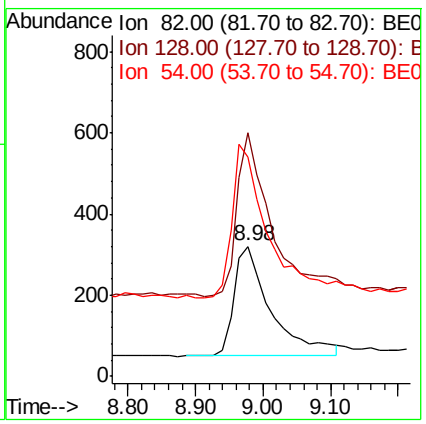


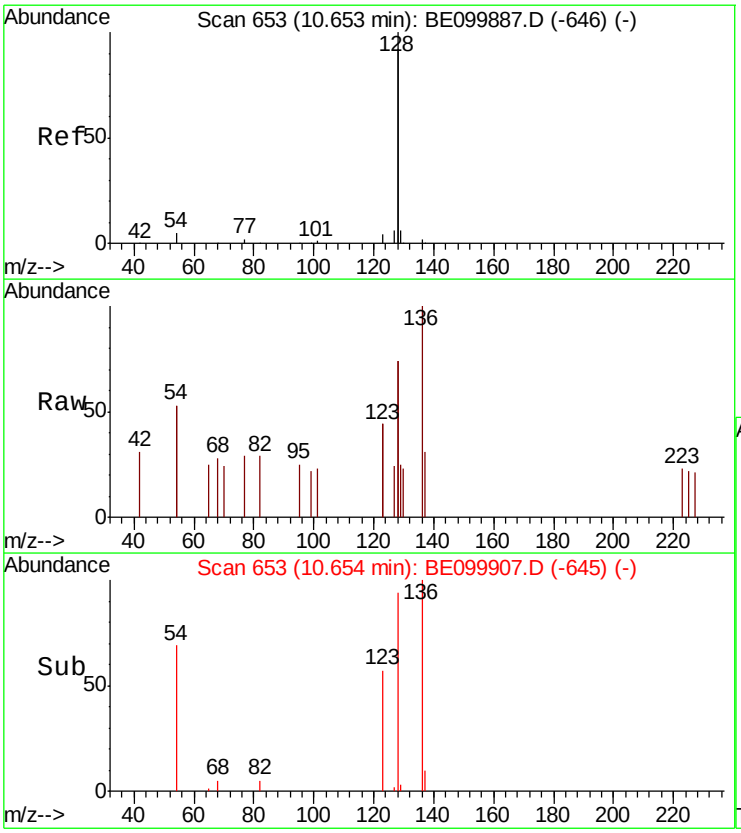
#8
Nitrobenzene-d5
Concen: 0.387 ng
RT: 8.98 min Scan# 524
Delta R.T. 0.01 min
Lab File: BE099907.D
Acq: 11 Jun 2019 1:21

Instrument :
BNA_E
ClientSampleId :
FB01-20190606

Tgt Ion: 82 Resp: 1031

Ion	Ratio	Lower	Upper
82	100		
128	186.9	137.3	205.9
54	168.2	129.7	194.5

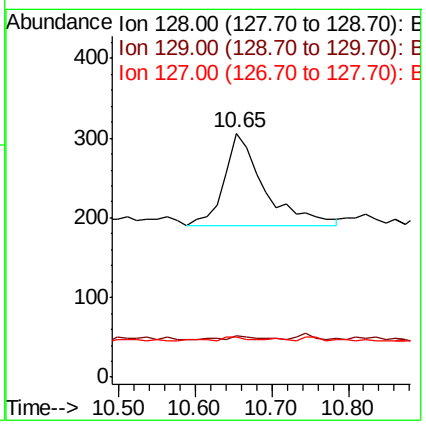


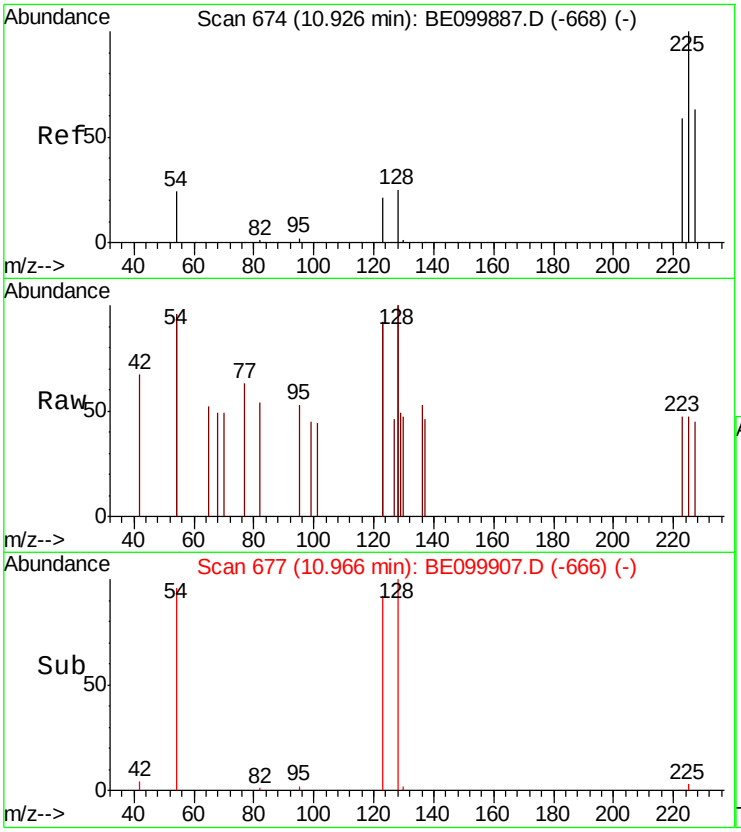


#9
Naphthalene
Concen: 0.014 ng
RT: 10.65 min Scan# 653
Delta R.T. 0.00 min
Lab File: BE099907.D
Acq: 11 Jun 2019 1:21

Tgt Ion:128 Resp: 421

Ion	Ratio	Lower	Upper
128	100		
129	17.0	3.0	4.6#
127	16.3	3.4	5.0#



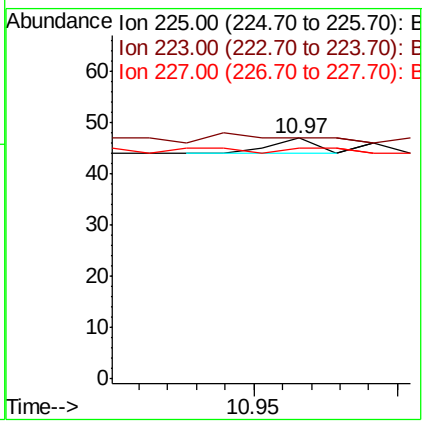


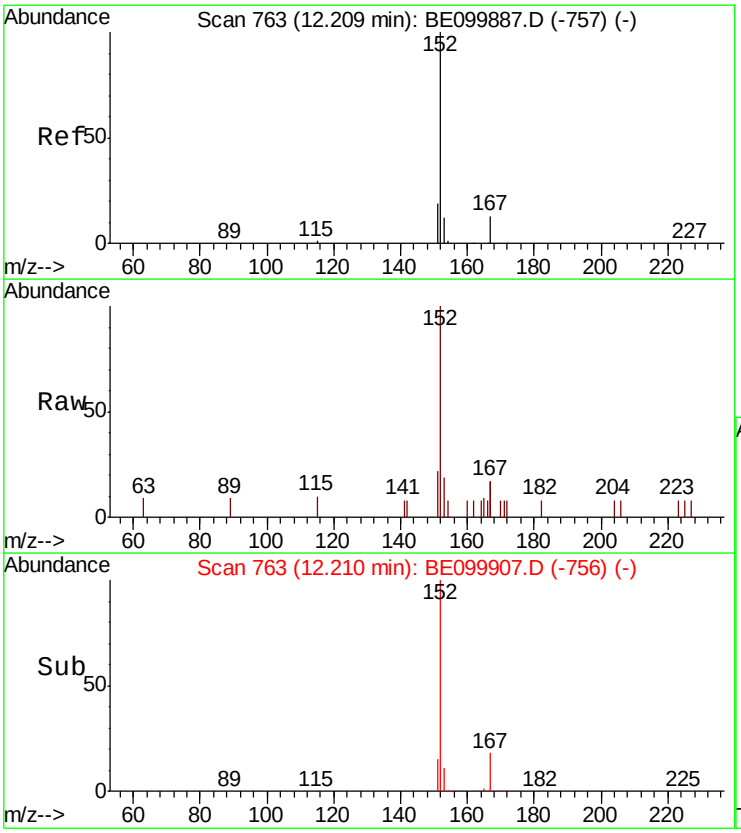
#10
Hexachlorobutadiene
Concen: 0.001 ng
RT: 10.97 min Scan# 677
Delta R.T. 0.04 min
Lab File: BE099907.D
Acq: 11 Jun 2019 1:21

Instrument :
BNA_E
ClientSampleId :
FB01-20190606

Tgt Ion:225 Resp: 3

Ion	Ratio	Lower	Upper
225	100		
223	0.0	51.6	77.4#
227	0.0	50.6	76.0#

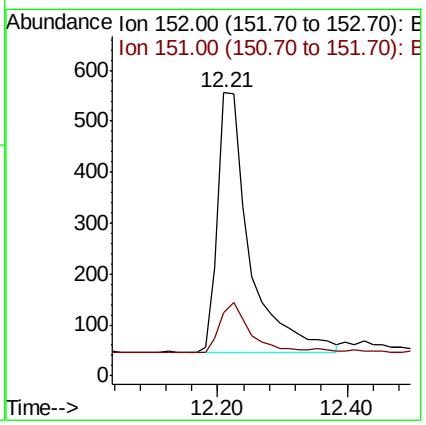


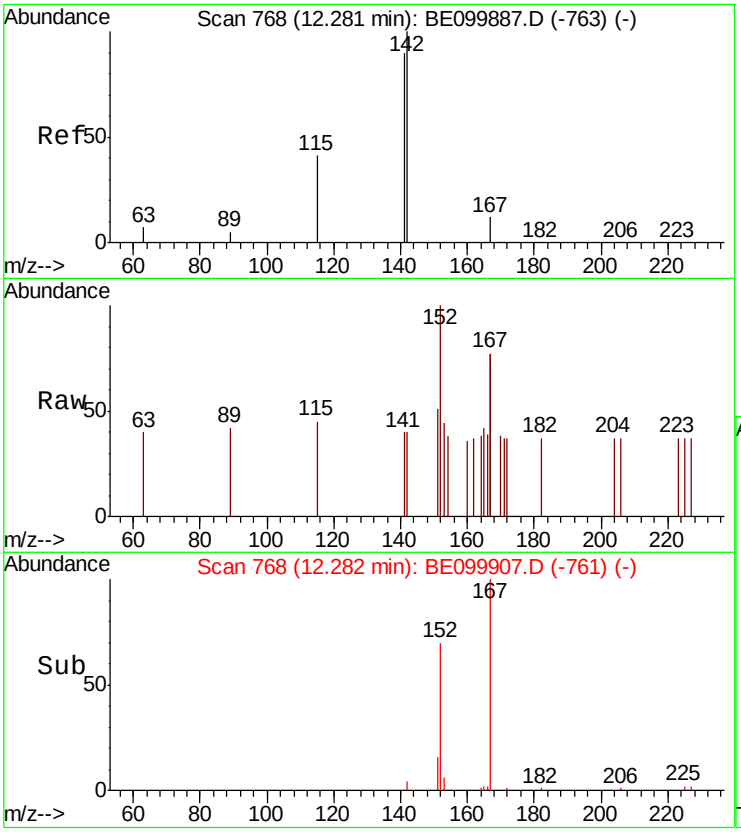


#11
2-Methylnaphthalene-d10
Concen: 0.361 ng
RT: 12.21 min Scan# 763
Delta R.T. 0.00 min
Lab File: BE099907.D
Acq: 11 Jun 2019 1:21

Tgt Ion:152 Resp: 1772

Ion	Ratio	Lower	Upper
152	100		
151	19.2	15.2	22.8



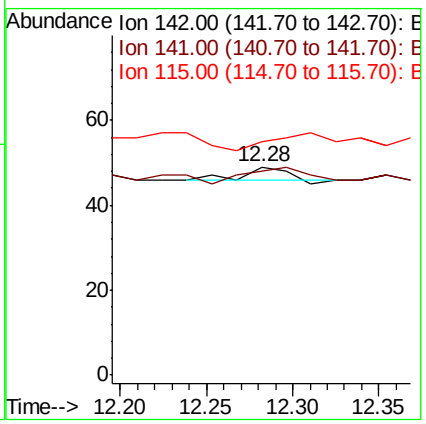


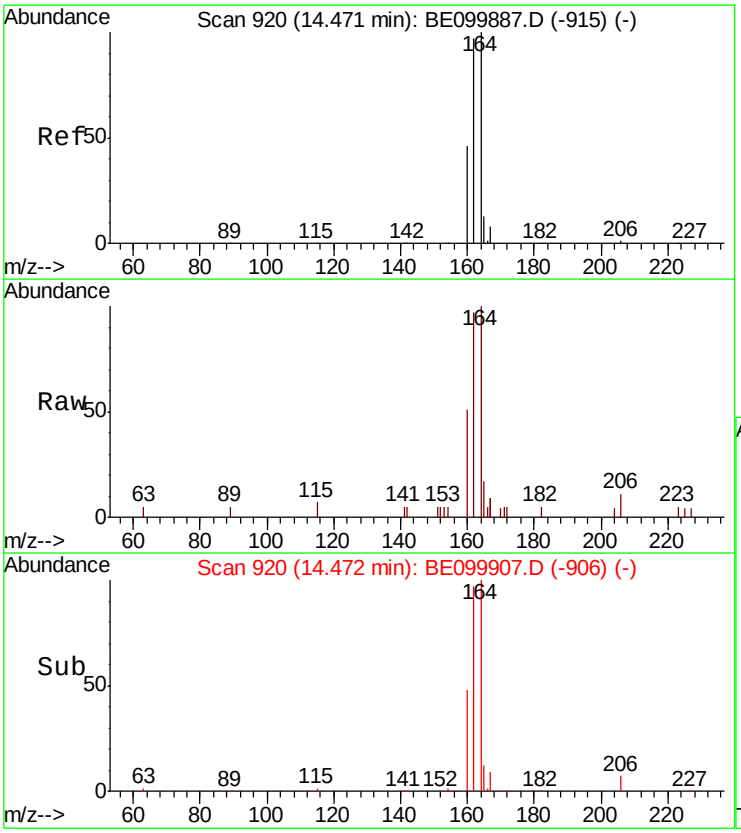
#12
2-Methylnaphthalene
Concen: 0.001 ng
RT: 12.28 min Scan# 768
Delta R.T. 0.00 min
Lab File: BE099907.D
Acq: 11 Jun 2019 1:21

Instrument :
BNA_E
ClientSampleId :
FB01-20190606

Tgt Ion:142 Resp: 4

Ion	Ratio	Lower	Upper
142	100		
141	98.0	72.3	108.5
115	112.2	36.4	54.6#

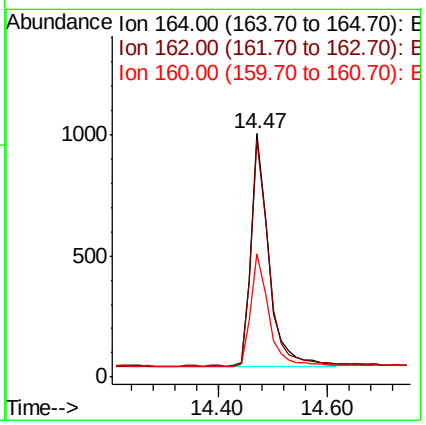


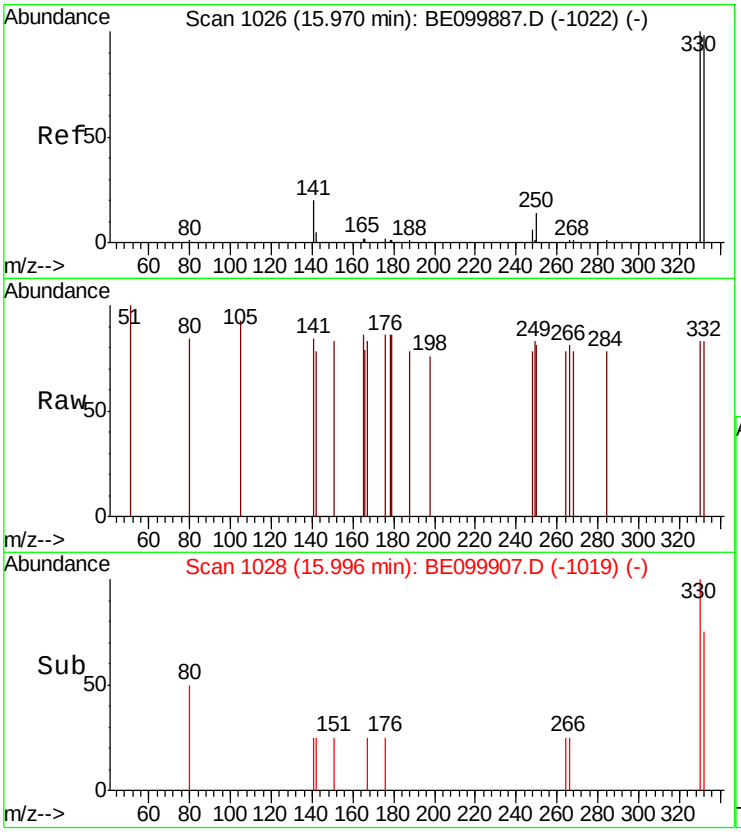


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.47 min Scan# 920
Delta R.T. 0.00 min
Lab File: BE099907.D
Acq: 11 Jun 2019 1:21

Tgt Ion:164 Resp: 2110

Ion	Ratio	Lower	Upper
164	100		
162	97.2	77.8	116.8
160	50.9	38.2	57.4



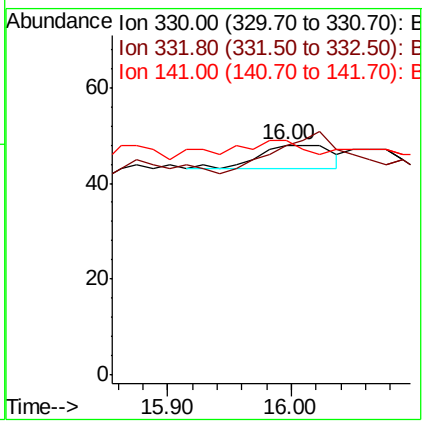


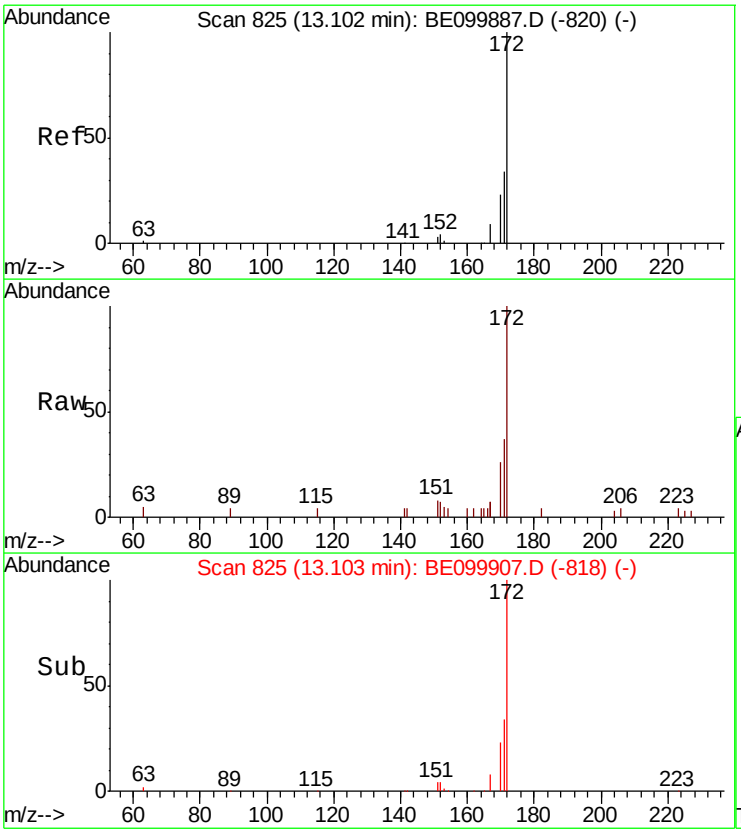
#14
2,4,6-Tribromophenol
Concen: 0.013 ng
RT: 16.00 min Scan# 1028
Delta R.T. 0.03 min
Lab File: BE099907.D
Acq: 11 Jun 2019 1:21

Instrument :
BNA_E
ClientSampleId :
FB01-20190606

Tgt Ion:330 Resp: 21

Ion	Ratio	Lower	Upper
330	100		
332	0.0	76.7	115.1#
141	81.0	21.0	31.6#

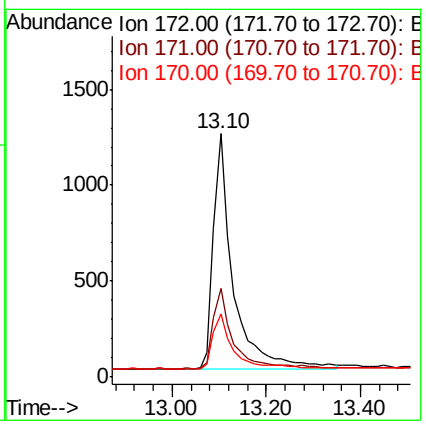


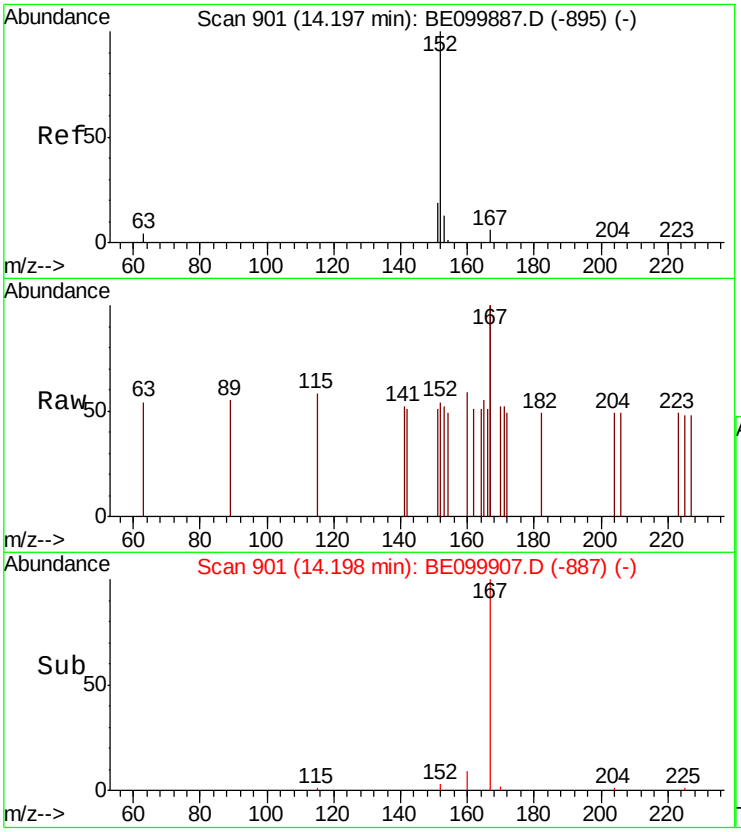


#15
2-Fluorobiphenyl
Concen: 0.444 ng
RT: 13.10 min Scan# 825
Delta R.T. 0.00 min
Lab File: BE099907.D
Acq: 11 Jun 2019 1:21

Tgt Ion:172 Resp: 3554

Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.2	43.8
170	26.0	21.2	31.8



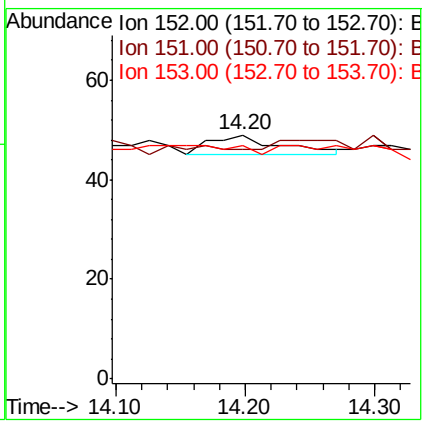


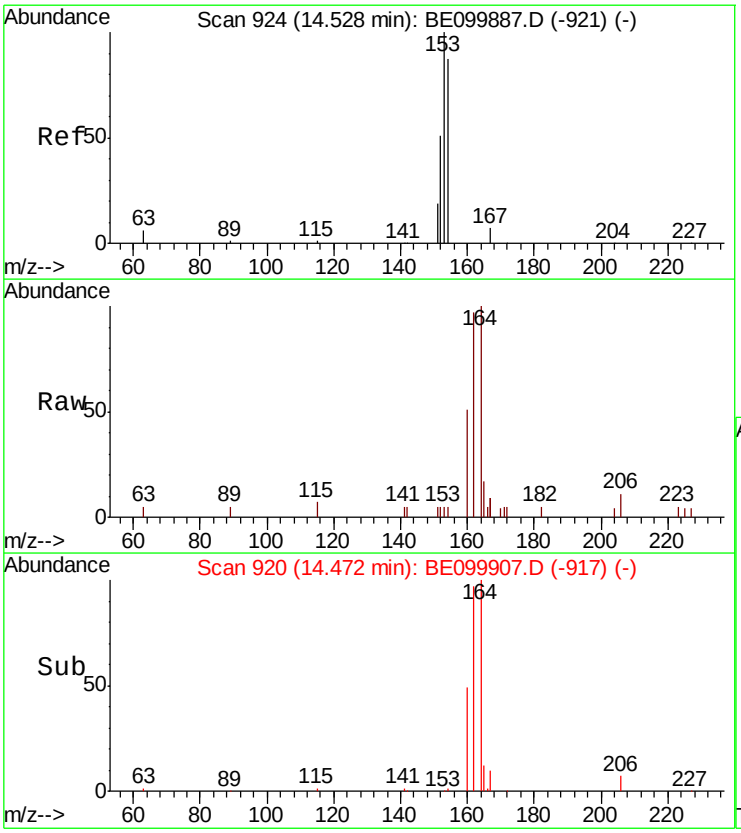
#16
Acenaphthylene
Concen: 0.002 ng
RT: 14.20 min Scan# 901
Delta R.T. 0.00 min
Lab File: BE099907.D
Acq: 11 Jun 2019 1:21

Instrument :
BNA_E
ClientSampleId :
FB01-20190606

Tgt Ion:152 Resp: 16

Ion	Ratio	Lower	Upper
152	100		
151	0.0	15.5	23.3#
153	0.0	10.2	15.2#

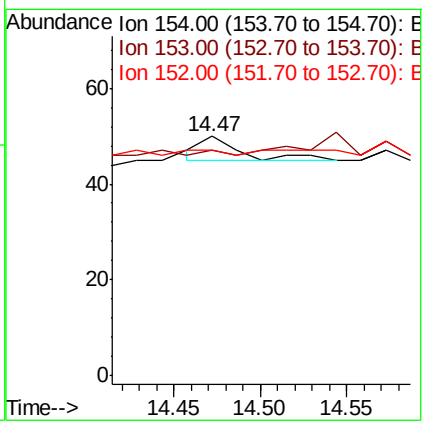


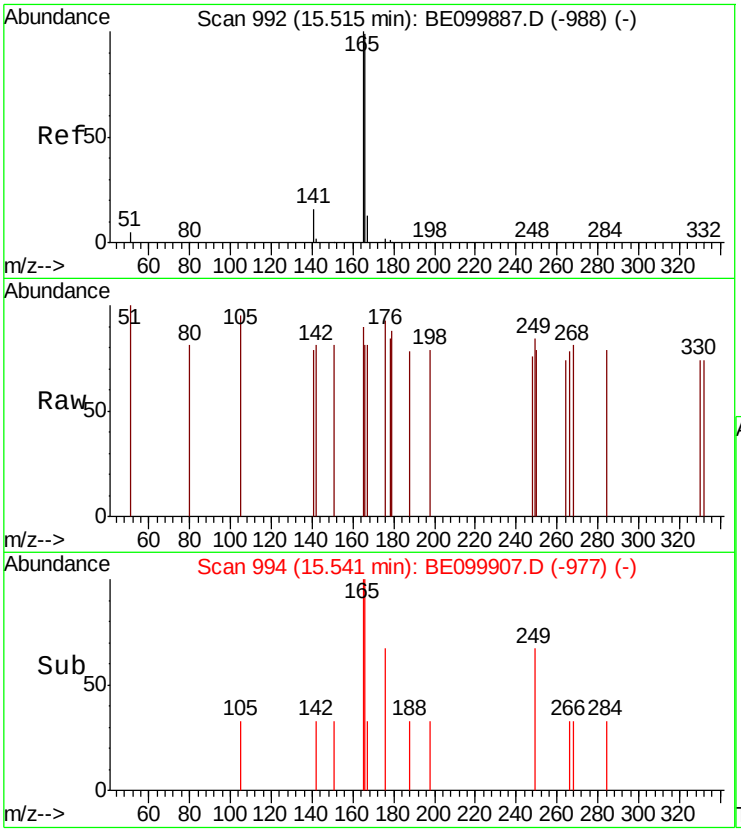


#17
Acenaphthene
Concen: 0.001 ng
RT: 14.47 min Scan# 920
Delta R.T. -0.06 min
Lab File: BE099907.D
Acq: 11 Jun 2019 1:21

Tgt Ion:154 Resp: 8

Ion	Ratio	Lower	Upper
154	100		
153	0.0	93.1	139.7#
152	0.0	47.0	70.4#



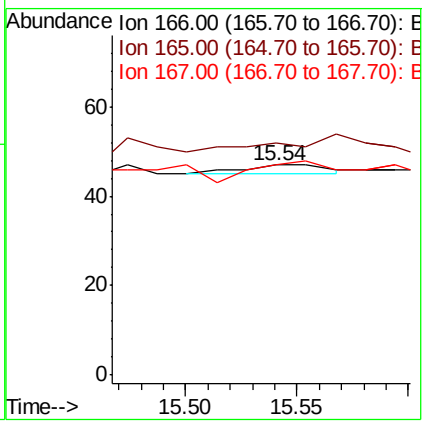


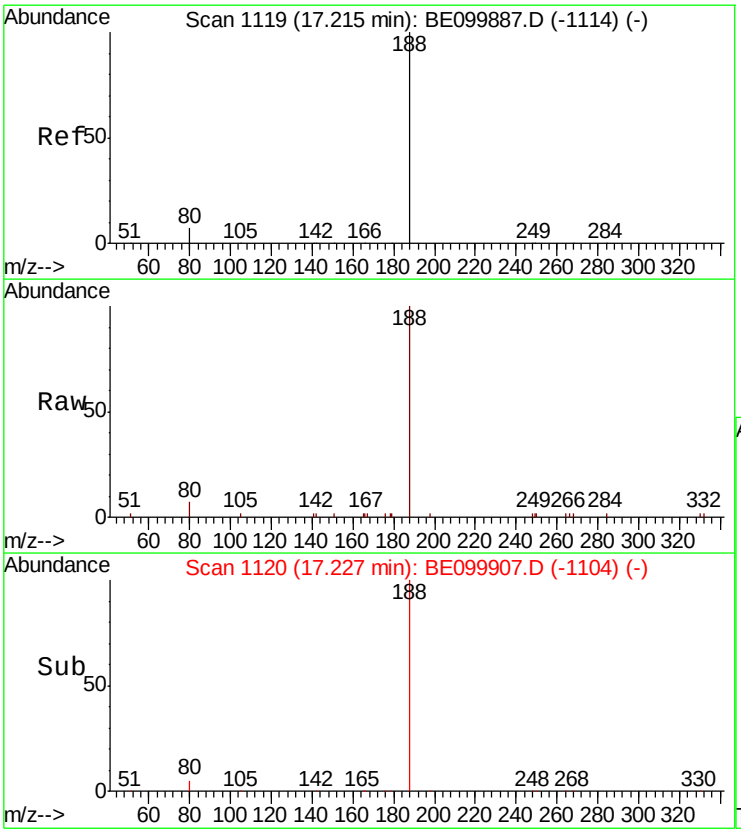
#18
Fluorene
Concen: 0.001 ng
RT: 15.54 min Scan# 994
Delta R.T. 0.03 min
Lab File: BE099907.D
Acq: 11 Jun 2019 1:21

Instrument :
BNA_E
ClientSampleId :
FB01-20190606

Tgt Ion:166 Resp: 6

Ion	Ratio	Lower	Upper
166	100		
165	0.0	81.8	122.8#
167	233.3	11.2	16.8#

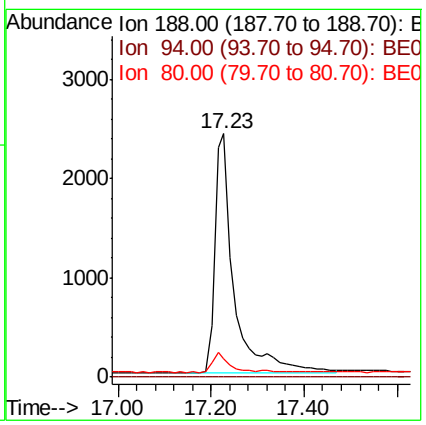


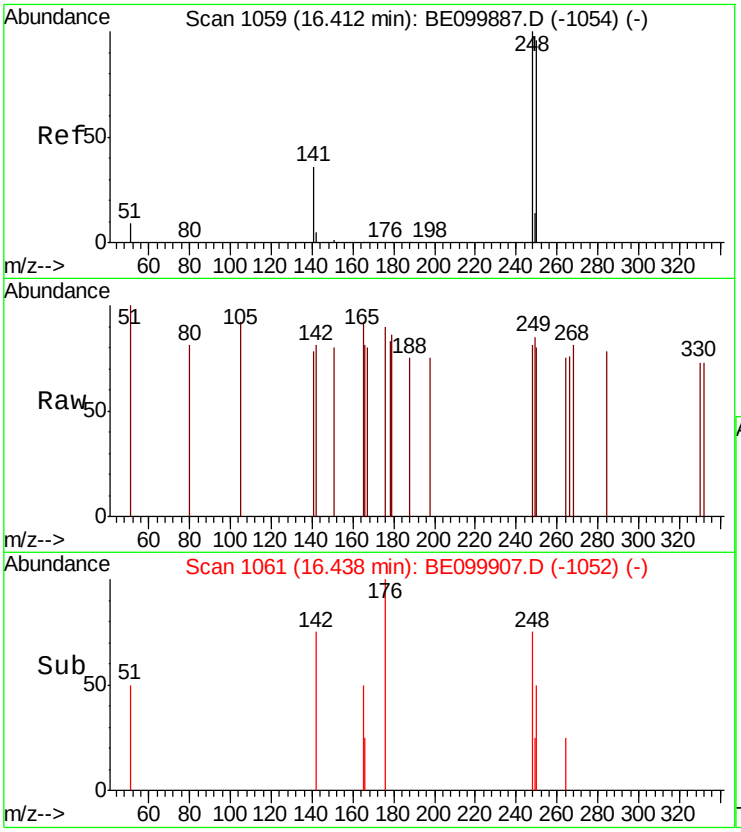


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.23 min Scan# 1120
Delta R.T. 0.01 min
Lab File: BE099907.D
Acq: 11 Jun 2019 1:21

Tgt Ion:188 Resp: 7041

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	7.4	6.4	9.6



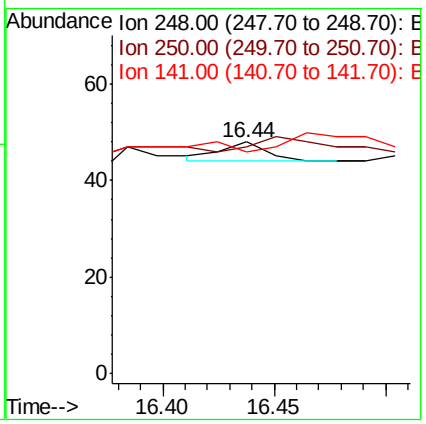


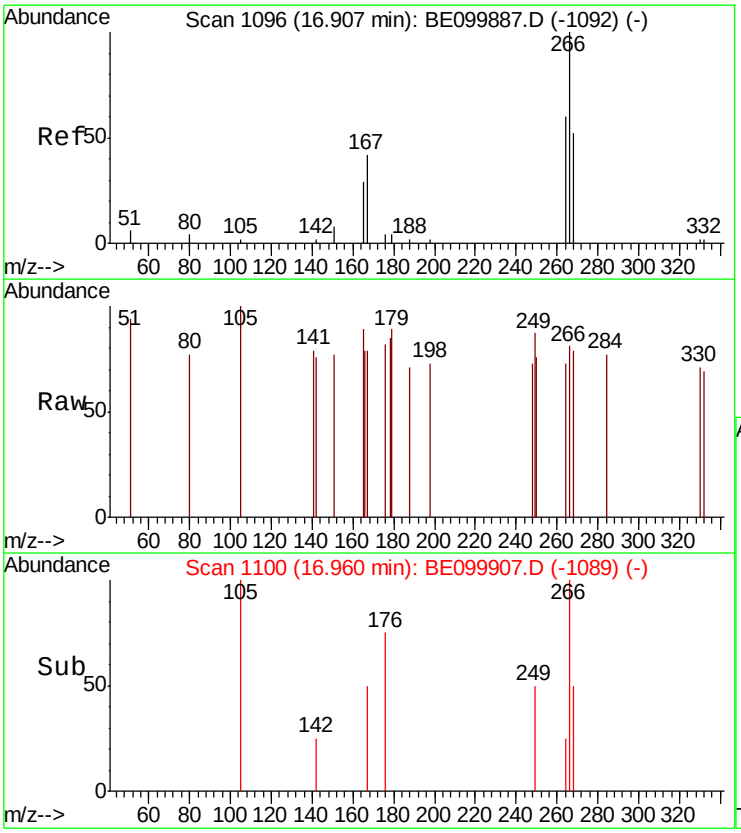
#20
4-Bromophenyl-phenylether
Concen: 0.002 ng
RT: 16.44 min Scan# 1061
Delta R.T. 0.03 min
Lab File: BE099907.D
Acq: 11 Jun 2019 1:21

Instrument :
BNA_E
ClientSampleId :
FB01-20190606

Tgt Ion:248 Resp: 6

Ion	Ratio	Lower	Upper
248	100		
250	97.9	77.5	116.3
141	95.8	31.8	47.8#

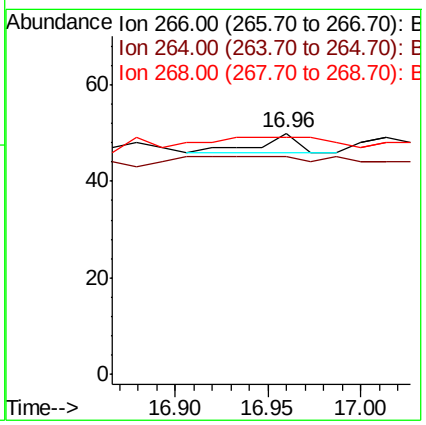


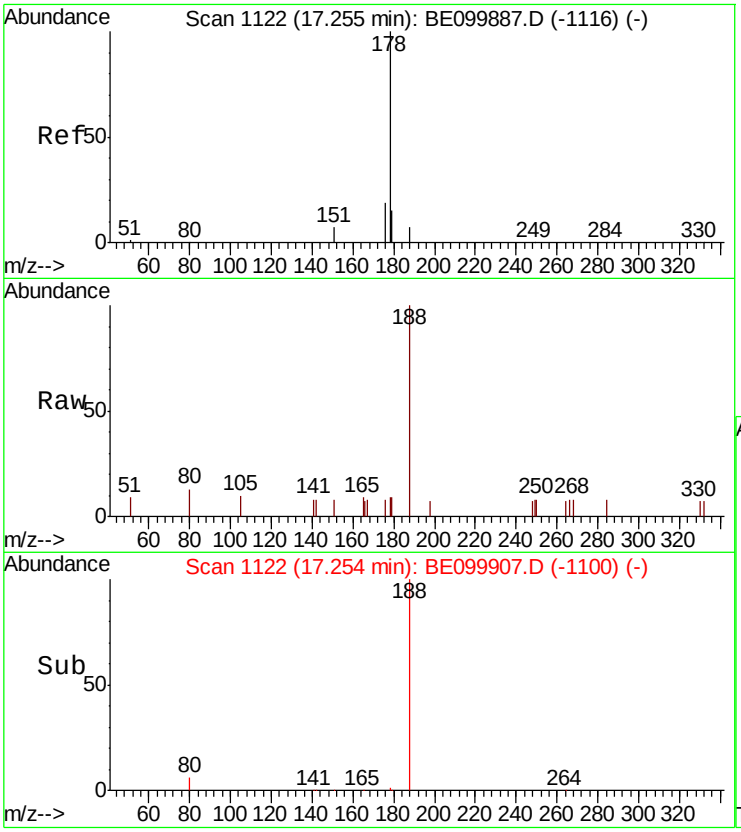


#22
Pentachlorophenol
Concen: 0.303 ng
RT: 16.96 min Scan# 1100
Delta R.T. 0.05 min
Lab File: BE099907.D
Acq: 11 Jun 2019 1:21

Tgt Ion:266 Resp: 6

Ion	Ratio	Lower	Upper
266	100		
264	90.0	62.2	93.2
268	98.0	65.5	98.3



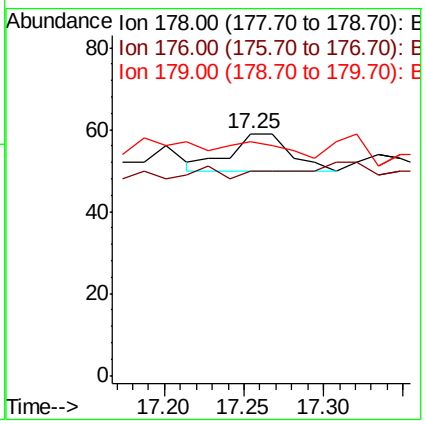


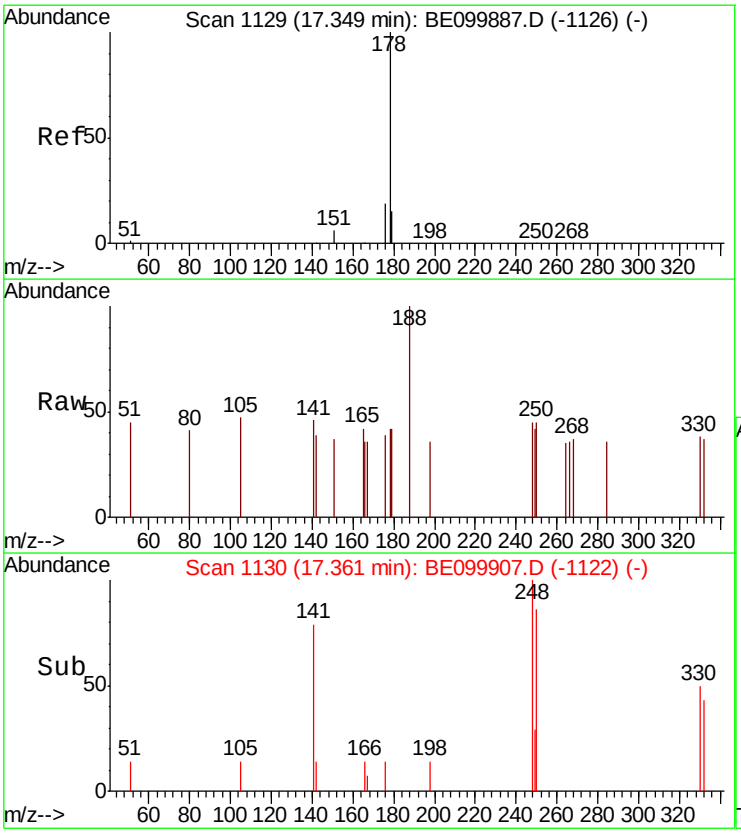
#23
Phenanthrene
Concen: 0.001 ng
RT: 17.25 min Scan# 1122
Delta R.T. -0.00 min
Lab File: BE099907.D
Acq: 11 Jun 2019 1:21

Instrument :
BNA_E
ClientSampleId :
FB01-20190606

Tgt Ion:178 Resp: 23

Ion	Ratio	Lower	Upper
178	100		
176	0.0	15.8	23.8#
179	0.0	12.4	18.6#

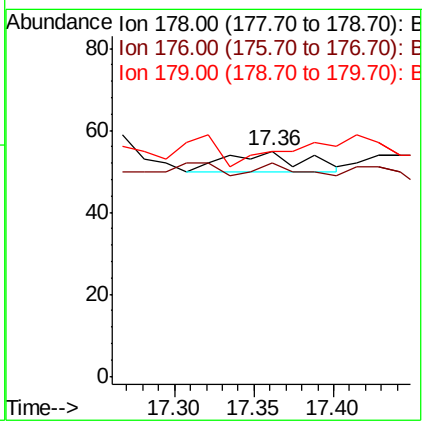


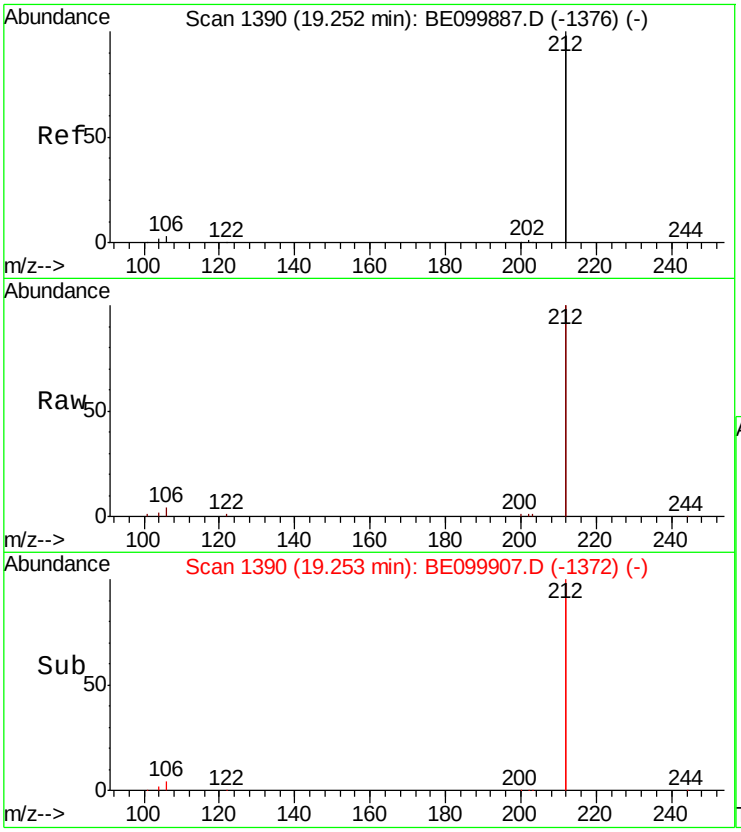


#24
Anthracene
Concen: 0.001 ng
RT: 17.36 min Scan# 1130
Delta R.T. 0.01 min
Lab File: BE099907.D
Acq: 11 Jun 2019 1:21

Tgt Ion:178 Resp: 16

Ion	Ratio	Lower	Upper
178	100		
176	43.8	14.6	22.0#
179	0.0	12.3	18.5#



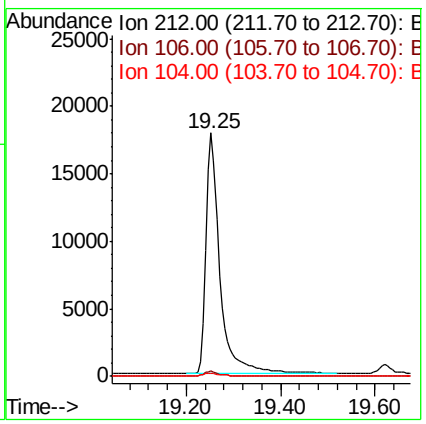


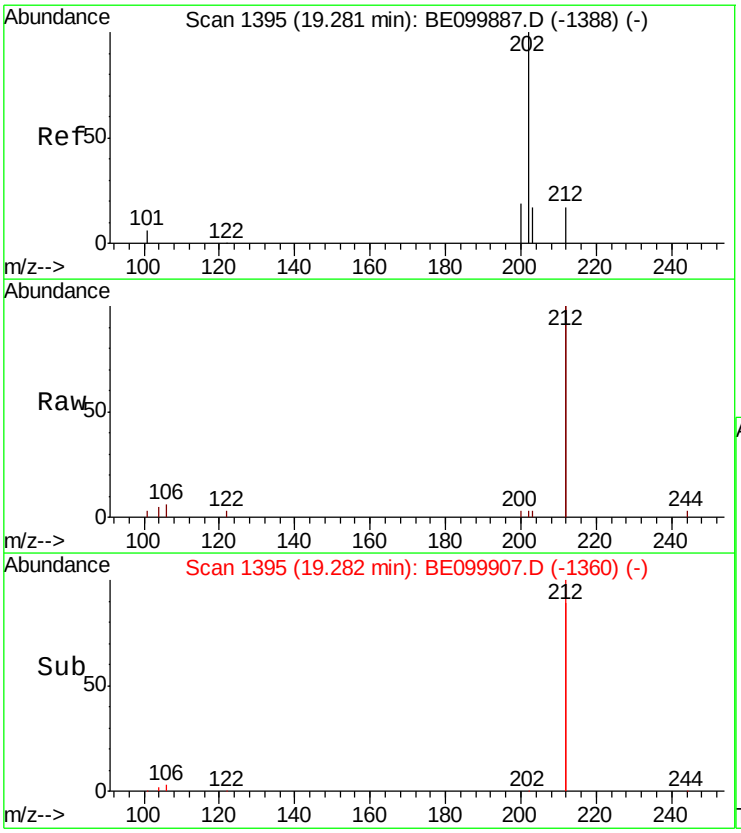
#25
Fluoranthene-d10
Concen: 0.357 ng
RT: 19.25 min Scan# 1390
Delta R.T. 0.00 min
Lab File: BE099907.D
Acq: 11 Jun 2019 1:21

Instrument :
BNA_E
ClientSampleId :
FB01-20190606

Tgt Ion:212 Resp: 36607

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

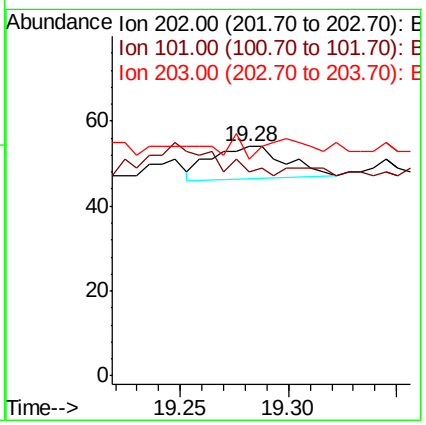


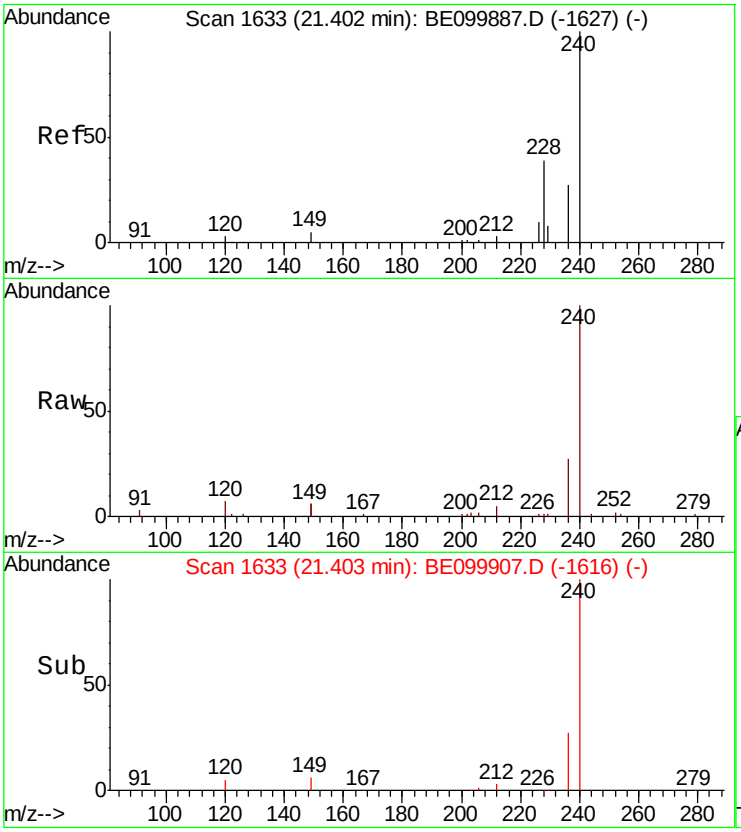


#26
Fluoranthene
Concen: 0.001 ng
RT: 19.28 min Scan# 1395
Delta R.T. 0.00 min
Lab File: BE099907.D
Acq: 11 Jun 2019 1:21

Tgt Ion:202 Resp: 19

Ion	Ratio	Lower	Upper
202	100		
101	15.8	5.4	8.0#
203	36.8	13.2	19.8#



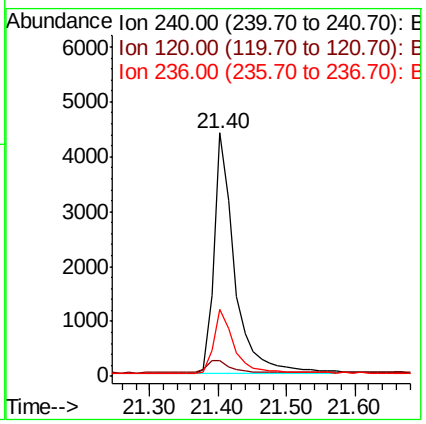


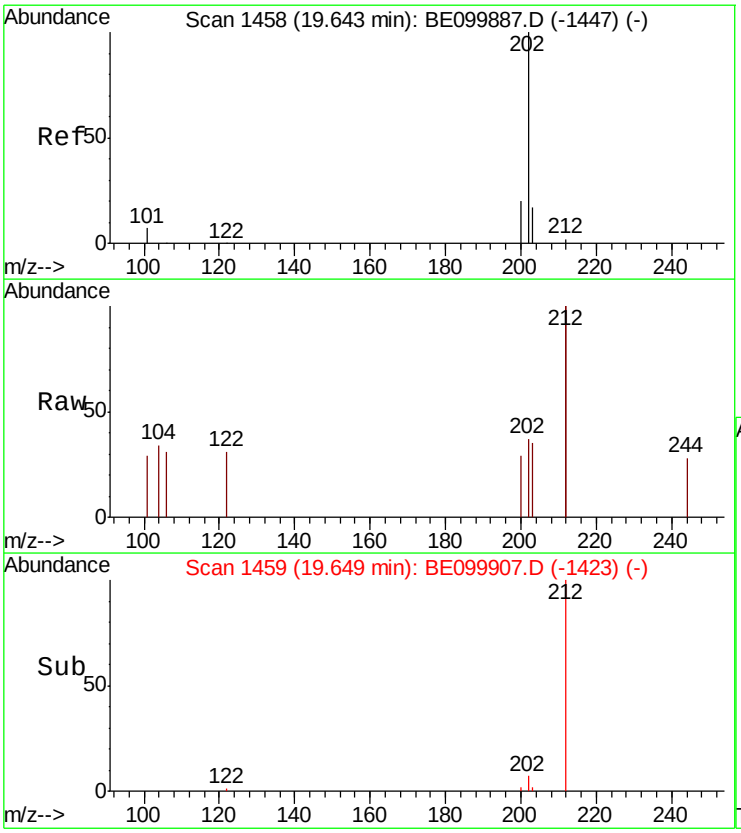
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.40 min Scan# 1633
Delta R.T. 0.00 min
Lab File: BE099907.D
Acq: 11 Jun 2019 1:21

Instrument :
BNA_E
ClientSampleId :
FB01-20190606

Tgt Ion:240 Resp: 9212

Ion	Ratio	Lower	Upper
240	100		
120	6.6	3.8	5.6#
236	27.5	22.0	33.0

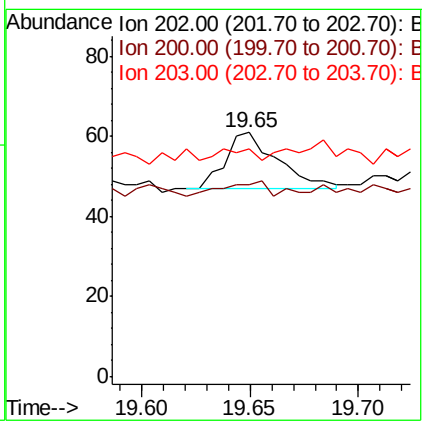


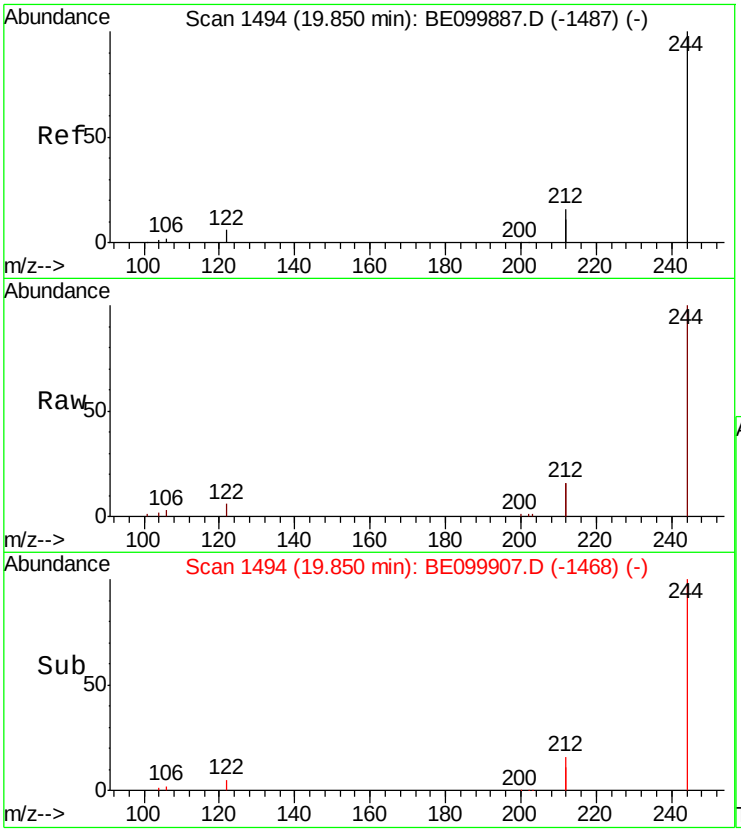


#28
Pyrene
Concen: 0.001 ng
RT: 19.65 min Scan# 1459
Delta R.T. 0.01 min
Lab File: BE099907.D
Acq: 11 Jun 2019 1:21

Tgt Ion:202 Resp: 23

Ion	Ratio	Lower	Upper
202	100		
200	26.1	15.5	23.3#
203	21.7	14.0	21.0#



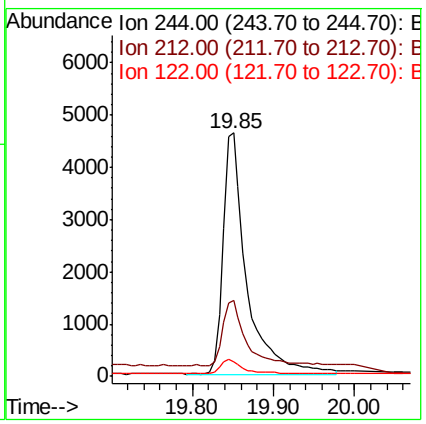


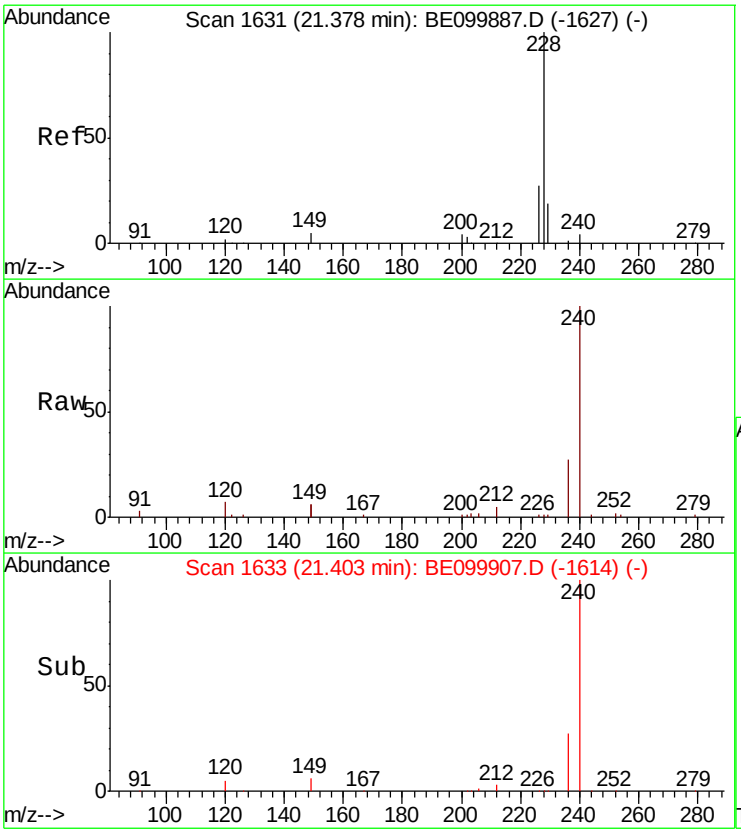
#29
Terphenyl-d14
Concen: 0.555 ng
RT: 19.85 min Scan# 1494
Delta R.T. 0.00 min
Lab File: BE099907.D
Acq: 11 Jun 2019 1:21

Instrument :
BNA_E
ClientSampleId :
FB01-20190606

Tgt Ion:244 Resp: 9196

Ion	Ratio	Lower	Upper
244	100		
212	31.3	25.7	38.5
122	6.2	5.5	8.3

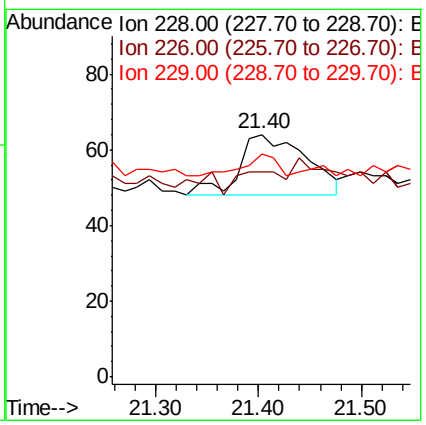


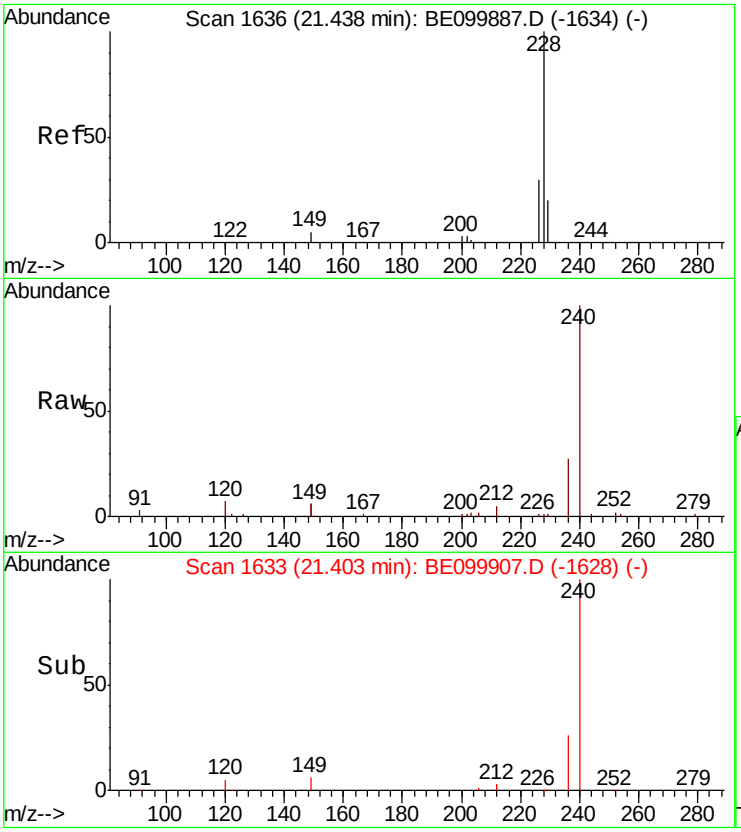


#30
Benzo(a)anthracene
Concen: 0.003 ng
RT: 21.40 min Scan# 1633
Delta R.T. 0.02 min
Lab File: BE099907.D
Acq: 11 Jun 2019 1:21

Tgt Ion:228 Resp: 73

Ion	Ratio	Lower	Upper
228	100		
226	84.4	22.5	33.7#
229	92.2	15.9	23.9#



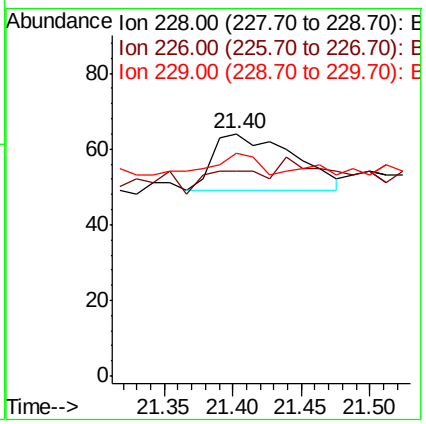


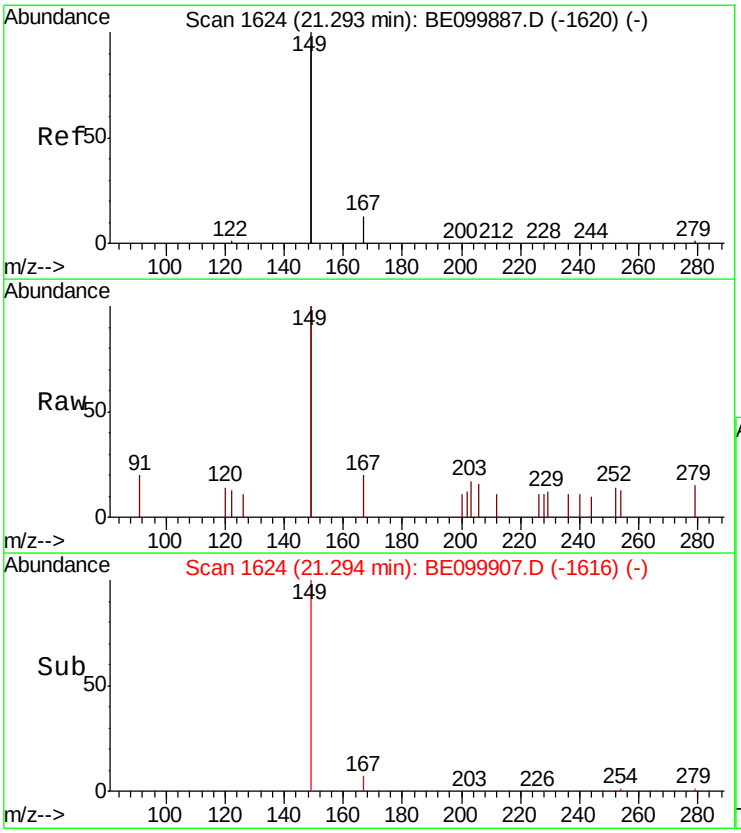
#31
Chrysene
Concen: 0.002 ng
RT: 21.40 min Scan# 1633
Delta R.T. -0.04 min
Lab File: BE099907.D
Acq: 11 Jun 2019 1:21

Instrument :
BNA_E
ClientSampleId :
FB01-20190606

Tgt Ion:228 Resp: 62

Ion	Ratio	Lower	Upper
228	100		
226	84.4	24.1	36.1#
229	92.2	16.1	24.1#

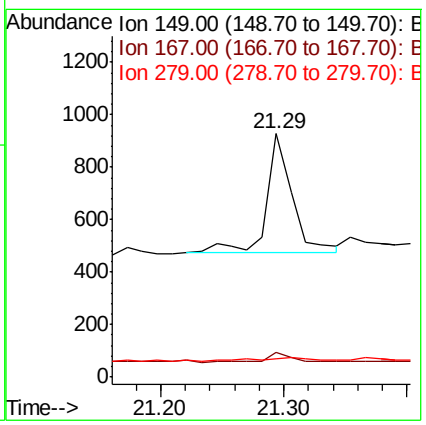


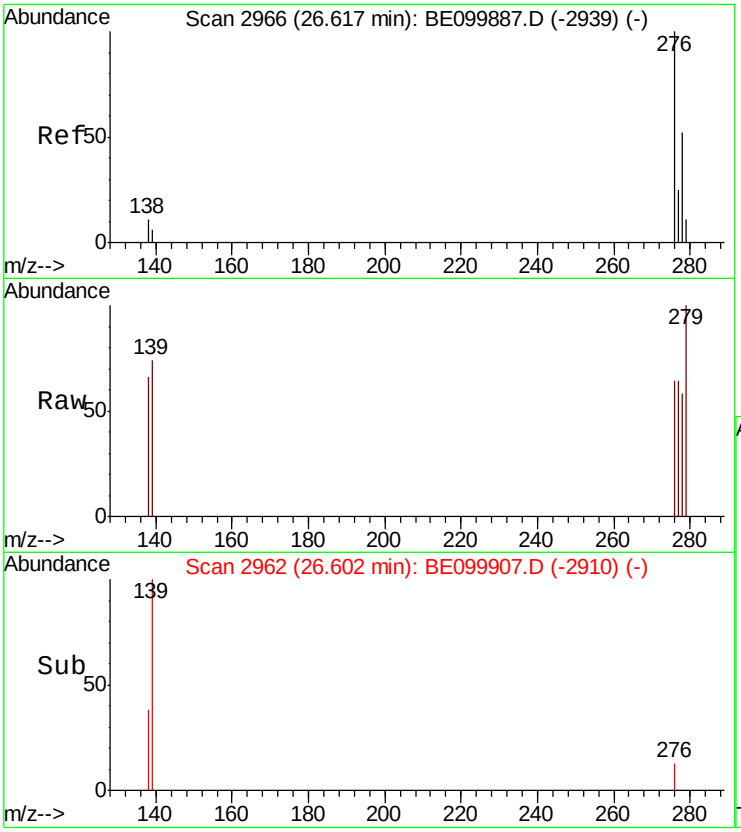


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.016 ng
RT: 21.29 min Scan# 1624
Delta R.T. 0.00 min
Lab File: BE099907.D
Acq: 11 Jun 2019 1:21

Tgt Ion:149 Resp: 646

Ion	Ratio	Lower	Upper
149	100		
167	8.4	5.9	8.9
279	5.0	1.2	1.8#



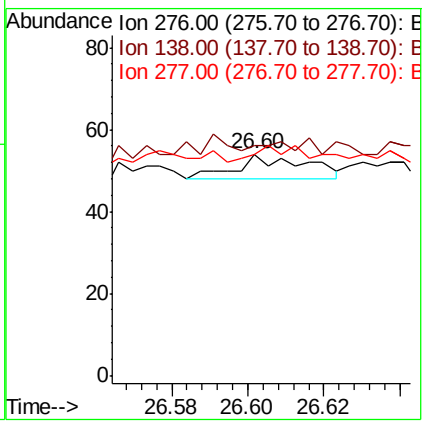


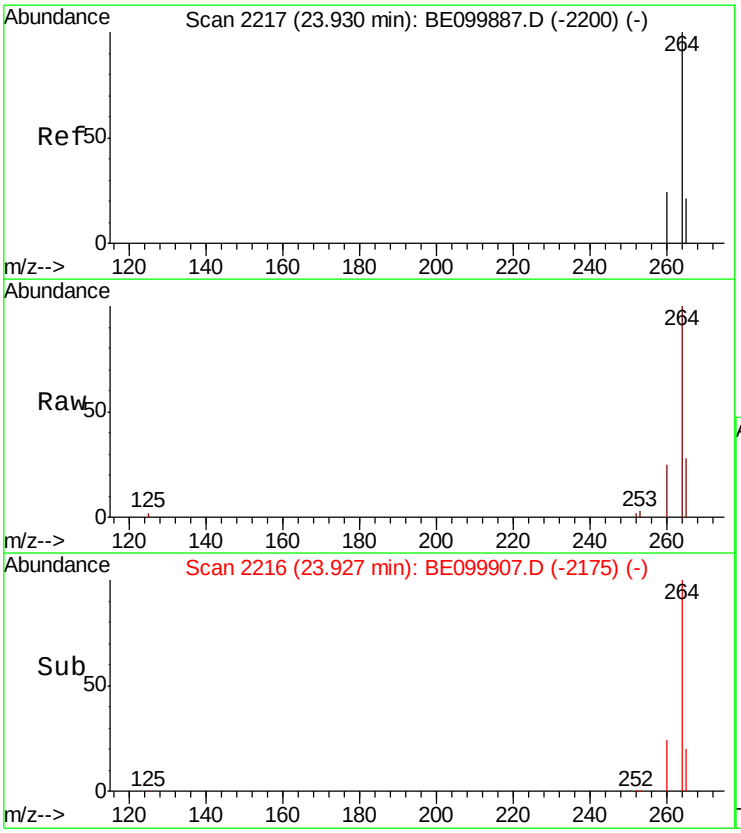
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.000 ng
RT: 26.60 min Scan# 2962
Delta R.T. -0.01 min
Lab File: BE099907.D
Acq: 11 Jun 2019 1:21

Instrument :
BNA_E
ClientSampleId :
FB01-20190606

Tgt Ion:276 Resp: 7

Ion	Ratio	Lower	Upper
276	100		
138	14.3	10.1	15.1
277	42.9	19.1	28.7#

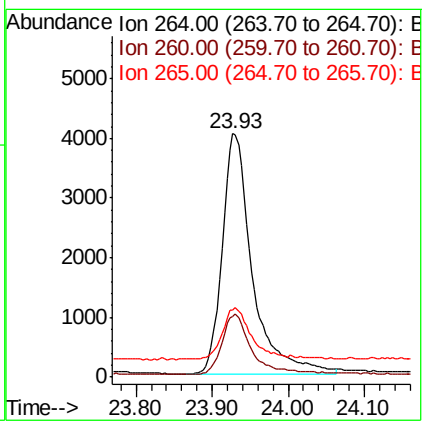


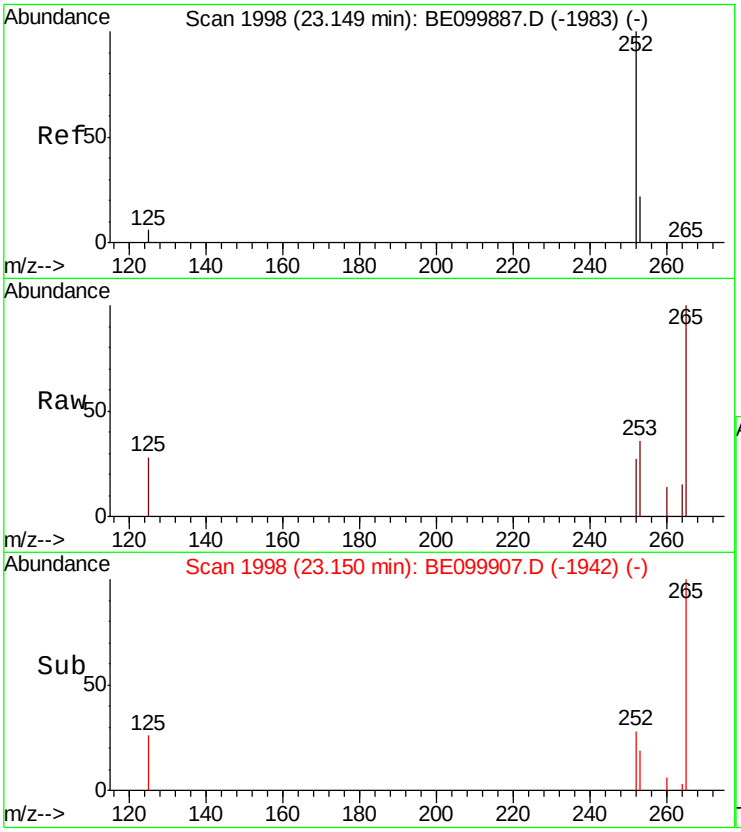


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.93 min Scan# 2216
Delta R.T. -0.00 min
Lab File: BE099907.D
Acq: 11 Jun 2019 1:21

Tgt Ion:264 Resp: 11032

Ion	Ratio	Lower	Upper
264	100		
260	25.1	20.2	30.2
265	27.5	22.0	33.0



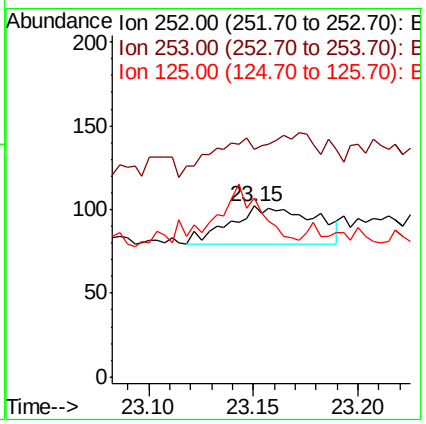


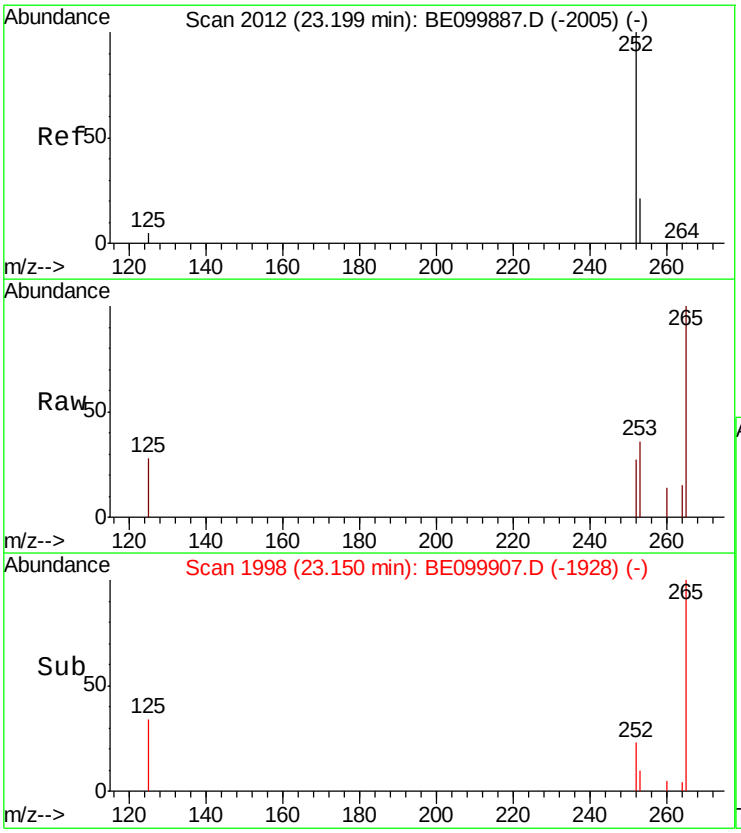
#35
Benzo(b)fluoranthene
Concen: 0.002 ng
RT: 23.15 min Scan# 1998
Delta R.T. 0.00 min
Lab File: BE099907.D
Acq: 11 Jun 2019 1:21

Instrument :
BNA_E
ClientSampleId :
FB01-20190606

Tgt Ion:252 Resp: 64

Ion	Ratio	Lower	Upper
252	100		
253	133.3	18.7	28.1#
125	104.9	5.7	8.5#

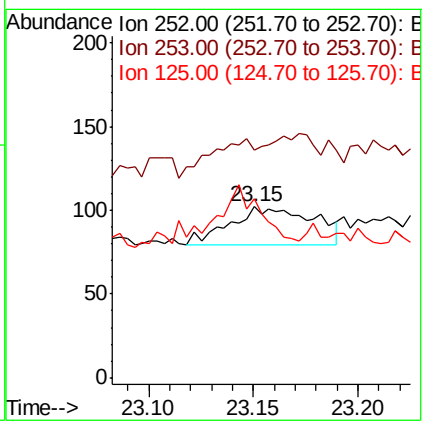


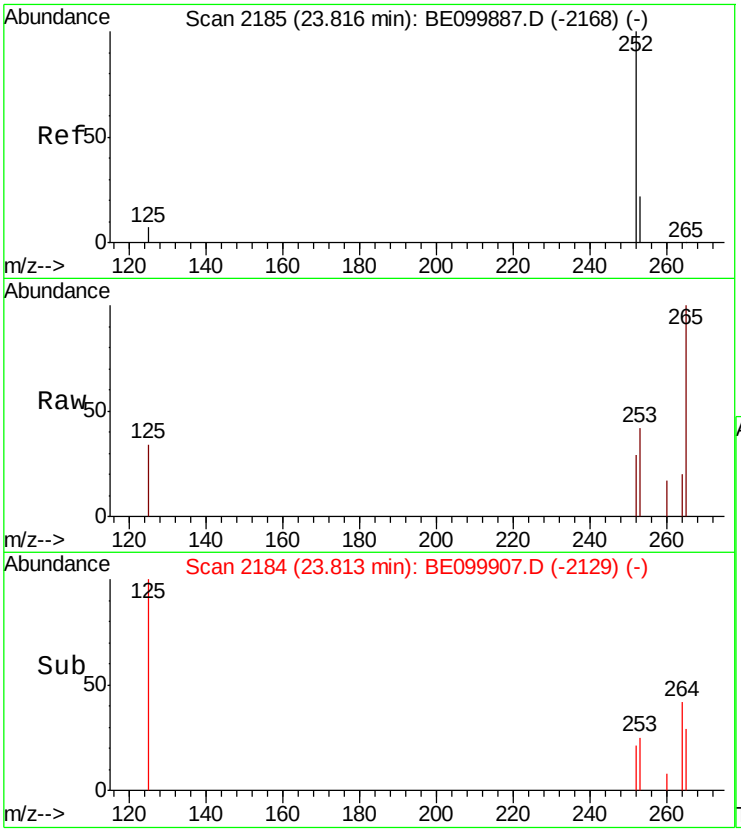


#36
Benzo(k)fluoranthene
Concen: 0.002 ng
RT: 23.15 min Scan# 1998
Delta R.T. -0.05 min
Lab File: BE099907.D
Acq: 11 Jun 2019 1:21

Tgt Ion:252 Resp: 64

Ion	Ratio	Lower	Upper
252	100		
253	133.3	18.6	28.0#
125	104.9	5.4	8.0#



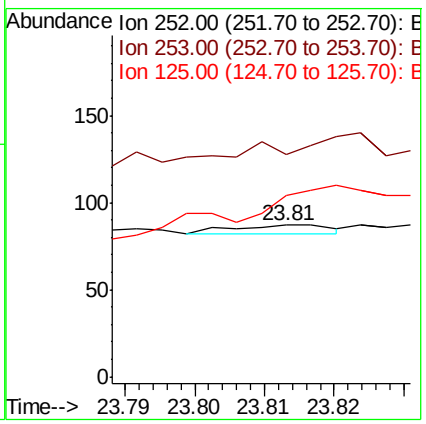


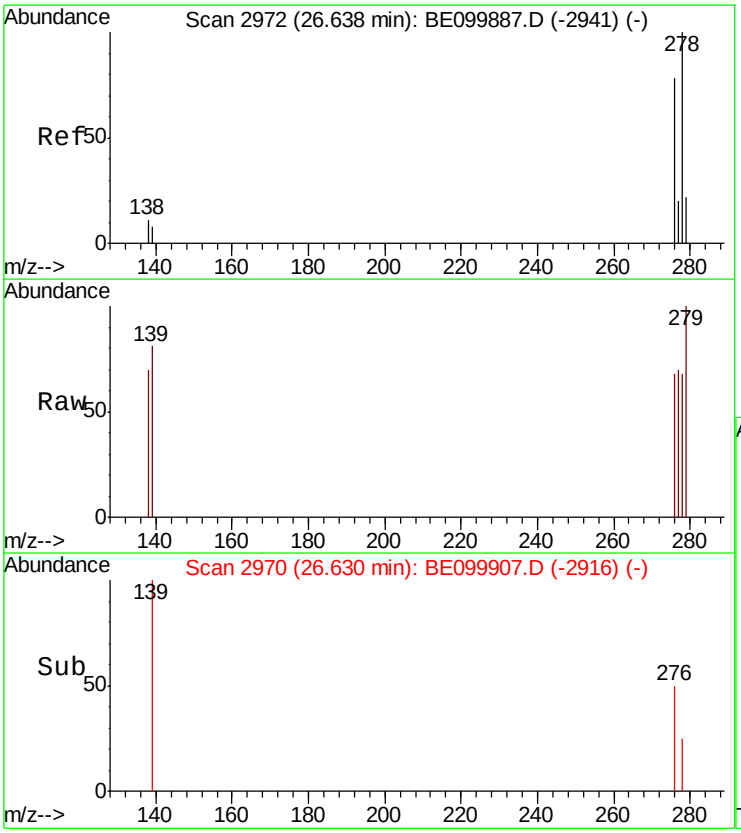
#37
Benzo(a)pyrene
Concen: 0.000 ng
RT: 23.81 min Scan# 2184
Delta R.T. -0.00 min
Lab File: BE099907.D
Acq: 11 Jun 2019 1:21

Instrument :
BNA_E
ClientSampleId :
FB01-20190606

Tgt Ion:252 Resp: 5

Ion	Ratio	Lower	Upper
252	100		
253	147.1	19.6	29.4#
125	119.5	6.6	10.0#

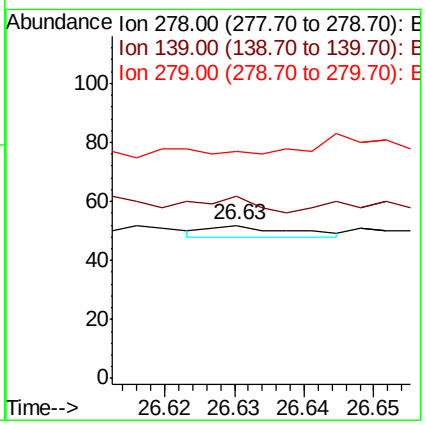


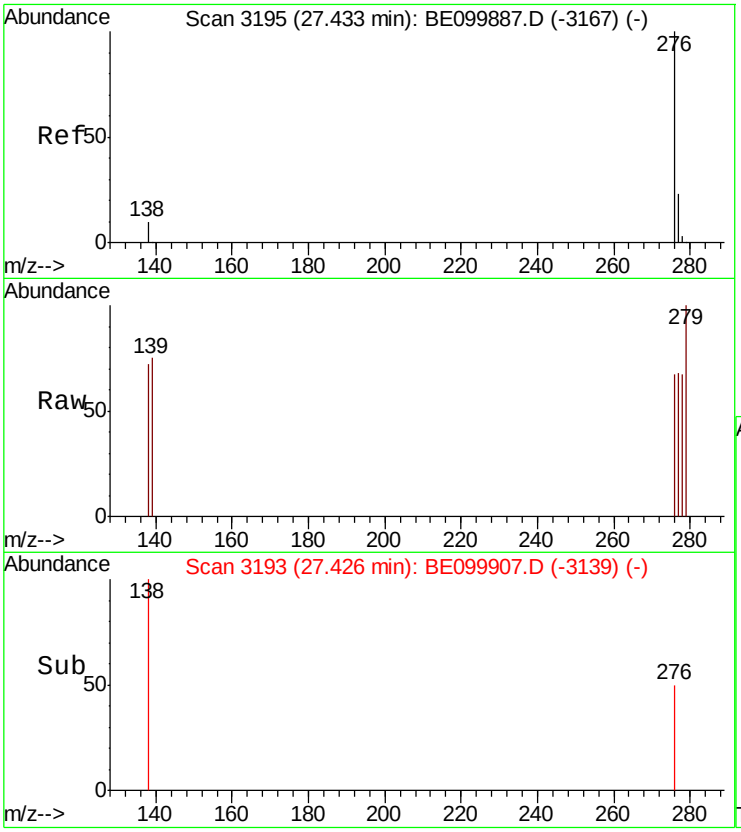


#38
Dibenzo(a,h)anthracene
Concen: 0.000 ng
RT: 26.63 min Scan# 2970
Delta R.T. -0.01 min
Lab File: BE099907.D
Acq: 11 Jun 2019 1:21

Tgt Ion:278 Resp: 3

Ion	Ratio	Lower	Upper
278	100		
139	119.2	7.8	11.8#
279	148.1	20.0	30.0#





#39
Benzo(g,h,i)perylene
Concen: 0.000 ng
RT: 27.43 min Scan# 3193
Delta R.T. -0.01 min
Lab File: BE099907.D
Acq: 11 Jun 2019 1:21

Instrument :
BNA_E
ClientSampleId :
FB01-20190606

Tgt Ion:276 Resp: 2

Ion	Ratio	Lower	Upper
276	100		
277	102.0	19.5	29.3#
138	107.8	9.5	14.3#