Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN062819\
Data File : BN006629.D
Acq On : 29 Jun 2019 00:29
Operator : HP/JU
Sample : K3473-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : MW-2

Quant Time: Jun 29 01:14:07 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN062819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 28 13:47:56 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	4089	0.40	ng		0.00
7) Naphthalene-d8	10.40	136	17967	0.40	ng		0.00
13) Acenaphthene-d10	14.27	164	12107	0.40	ng		-0.01
19) Phenanthrene-d10	17.03	188	27540	0.40	ng		-0.01
27) Chrysene-d12	21.25	240	27154	0.40	ng		-0.02
34) Perylene-d12	23.48	264	26996	0.40	ng		-0.05
System Monitoring Compounds							
4) 2-Fluorophenol	5.25	112	1772	0.18	ng		0.00
5) Phenol-d6	6.83	99	1470	0.11	ng		0.00
8) Nitrobenzene-d5	8.79	82	4566	0.38	ng		0.00
11) 2-Methylnaphthalene-d10	12.00	152	10705	0.38	ng		0.00
14) 2,4,6-Tribromophenol	15.78	330	2434	0.43	ng		-0.01
15) 2-Fluorobiphenyl	12.88	172	19668	0.44	ng		-0.01
25) Fluoranthene-d10	19.07	212	31321	0.39	ng		0.00
29) Terphenyl-d14	19.68	244	29118	0.51	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.16	88	203673	35.994	ng		99
3) n-Nitrosodimethylamine	3.50	42	54	0.012	ng	#	53
6) bis(2-Chloroethyl)ether	7.10	93	29	0.002	ng	#	1
9) Naphthalene	10.45	128	1680	0.036	ng	#	56
10) Hexachlorobutadiene	10.72	225	11	0.001	ng	#	76
12) 2-Methylnaphthalene	12.08	142	149	0.005	ng	#	49
16) Acenaphthylene	13.99	152	270	0.005	ng	#	1
17) Acenaphthene	14.33	154	799	0.021	ng		96
18) Fluorene	15.34	166	439	0.009	ng	#	93
20) 4-Bromophenyl-phenylether	16.22	248	27	0.002	ng	#	1
21) Hexachlorobenzene	16.35	284	26	0.001	ng	#	39
22) Pentachlorophenol	16.73	266	34	0.200	ng	#	74
23) Phenanthrene	17.07	178	670	0.009	ng	#	71
24) Anthracene	17.16	178	349	0.005	ng	#	76
26) Fluoranthene	19.11	202	662	0.007	ng	#	76
28) Pyrene	19.47	202	696	0.007	ng	#	91
30) Benzo(a)anthracene	21.24	228	342	0.004	ng	#	1
31) Chrysene	21.29	228	282	0.003	ng	#	15
32) Bis(2-ethylhexyl)phthalate	21.15	149	4667	0.104	ng		99
33) Indeno(1,2,3-cd)pyrene	25.72	276	143	0.001	ng	#	54
35) Benzo(b)fluoranthene	22.82	252	240	0.003	ng	#	1
36) Benzo(k)fluoranthene	22.86	252	178	0.002	ng	#	1
37) Benzo(a)pyrene	23.38	252	116	0.001	ng	#	1
38) Dibenzo(a,h)anthracene	25.72	278	87	0.001	ng	#	1
39) Benzo(g,h,i)perylene	26.40	276	125	0.002	ng	#	1

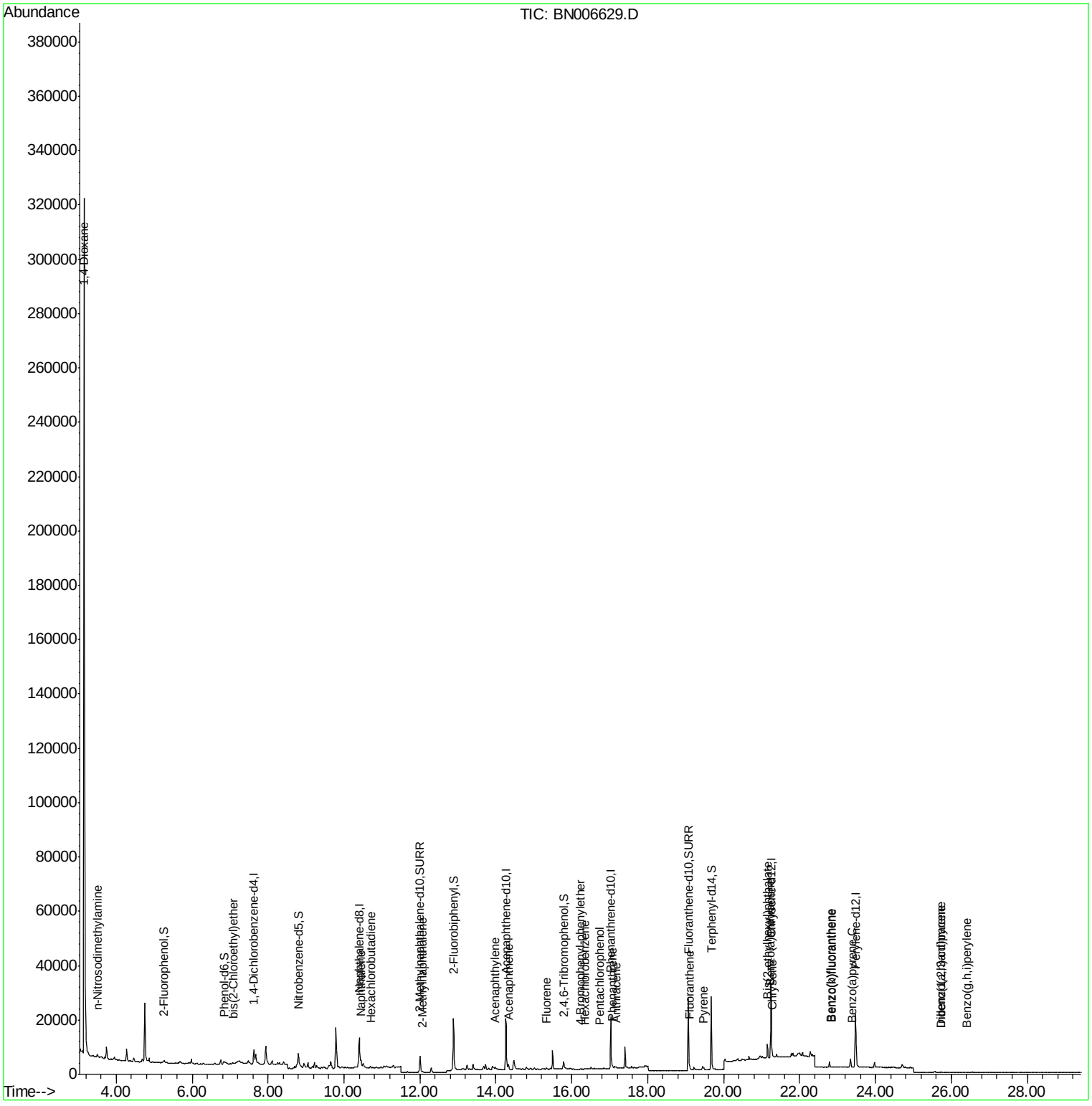
(#) = qualifier out of range (m) = manual integration (+) = signals summed

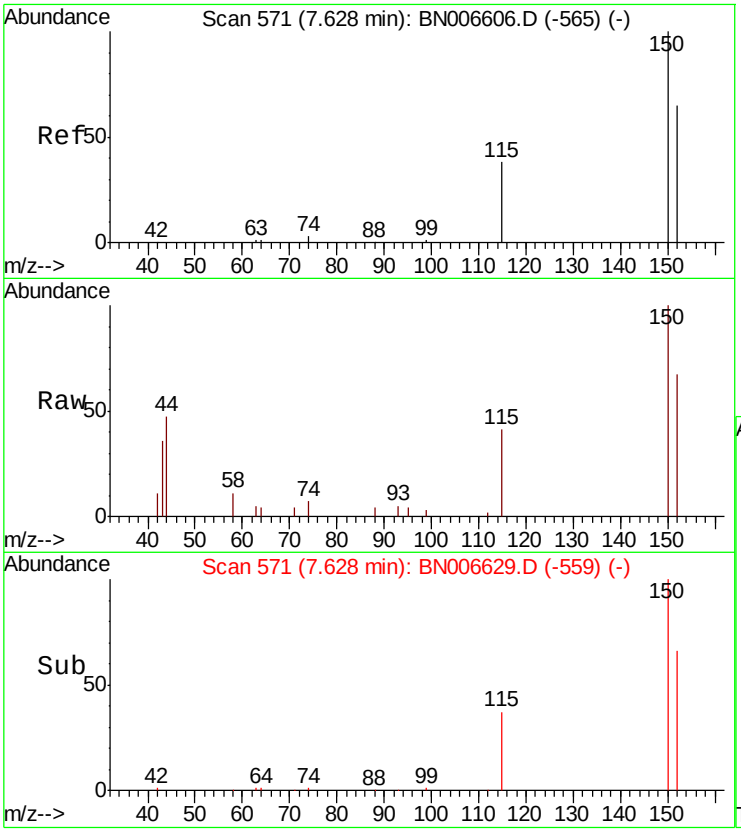
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN062819\
Data File : BN006629.D
Acq On : 29 Jun 2019 00:29
Operator : HP/JU
Sample : K3473-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
MW-2

Quant Time: Jun 29 01:14:07 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN062819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 28 13:47:56 2019
Response via : Initial Calibration



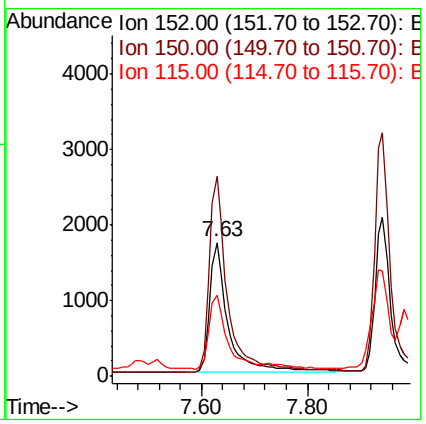


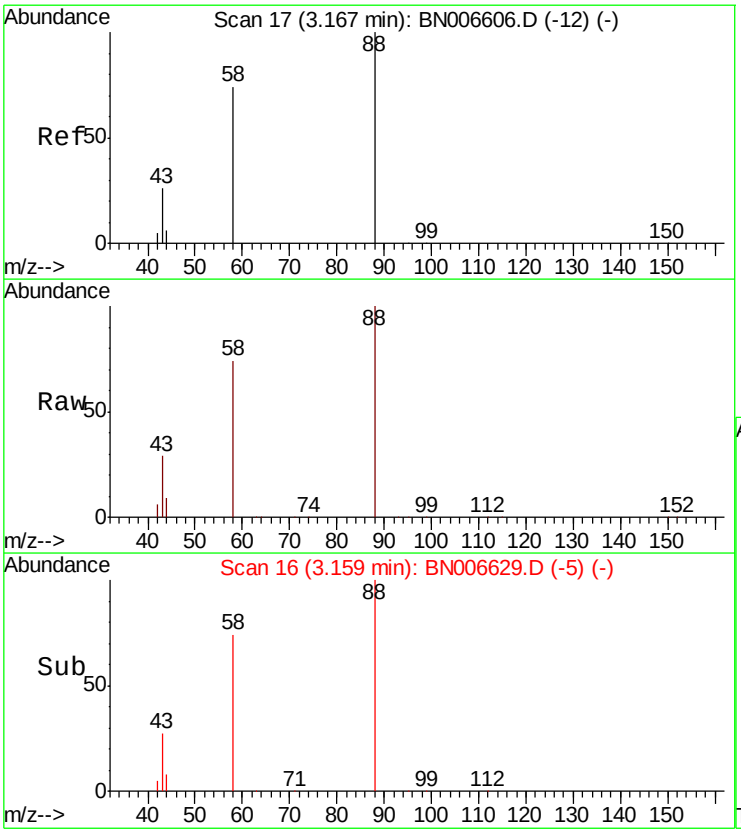
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.63 min Scan# 571
Delta R.T. 0.00 min
Lab File: BN006629.D
Acq: 29 Jun 2019 00:29

Instrument :
BNA_N
ClientSampleId :
MW-2

Tgt Ion:152 Resp: 4089

Ion	Ratio	Lower	Upper
152	100		
150	149.8	122.2	183.2
115	60.9	50.0	75.0

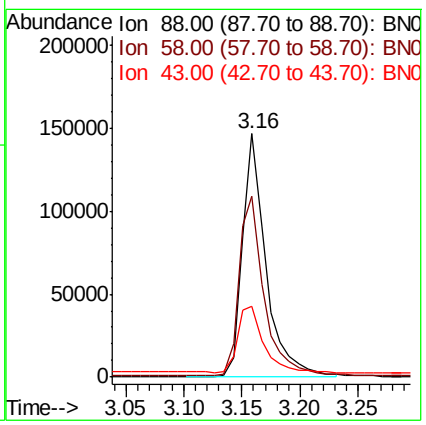


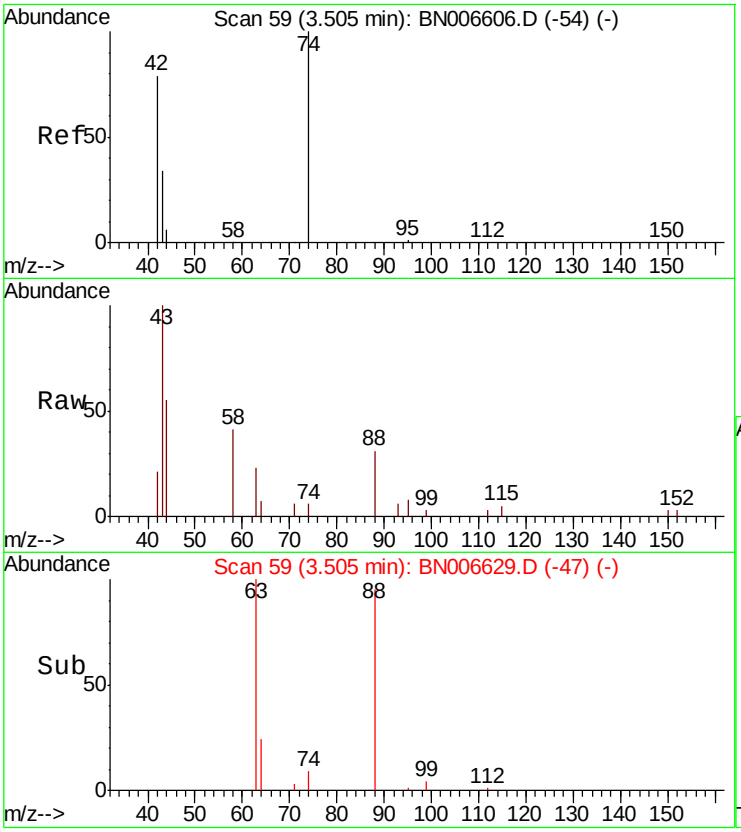


#2
1,4-Dioxane
Concen: 35.994 ng
RT: 3.16 min Scan# 16
Delta R.T. -0.01 min
Lab File: BN006629.D
Acq: 29 Jun 2019 00:29

Tgt Ion: 88 Resp: 203673

Ion	Ratio	Lower	Upper
88	100		
58	78.8	62.5	93.7
43	29.9	25.4	38.0



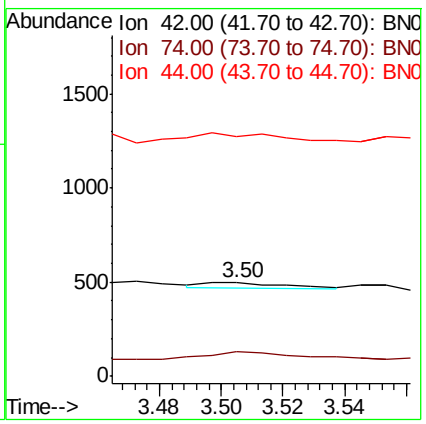


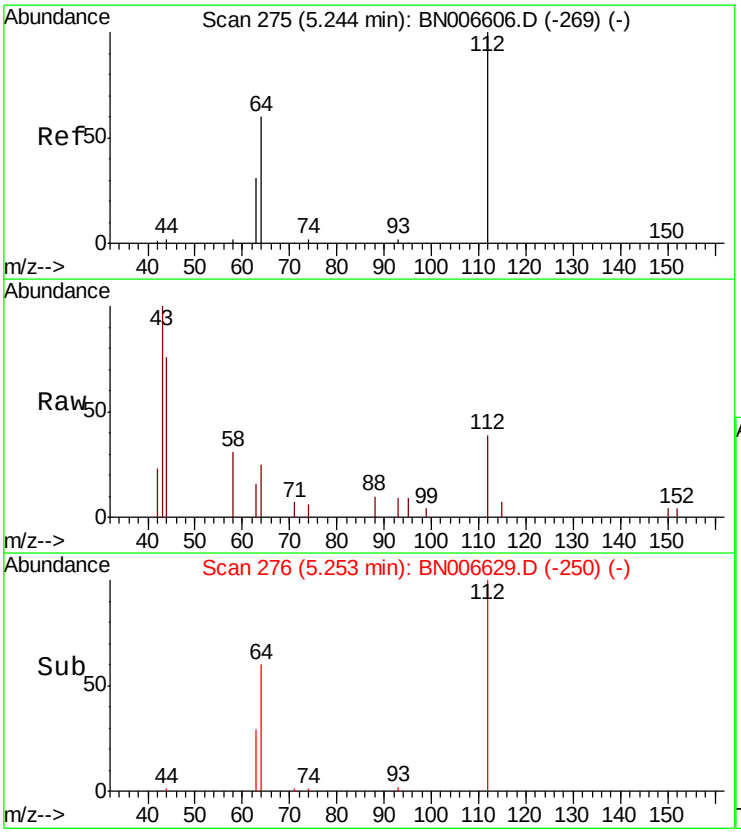
#3
n-Nitrosodimethylamine
Concen: 0.012 ng
RT: 3.50 min Scan# 59
Delta R.T. 0.00 min
Lab File: BN006629.D
Acq: 29 Jun 2019 00:29

Instrument :
BNA_N
ClientSampleId :
MW-2

Tgt Ion: 42 Resp: 54

Ion	Ratio	Lower	Upper
42	100		
74	157.4	103.1	154.7#
44	237.0	3.4	5.2#

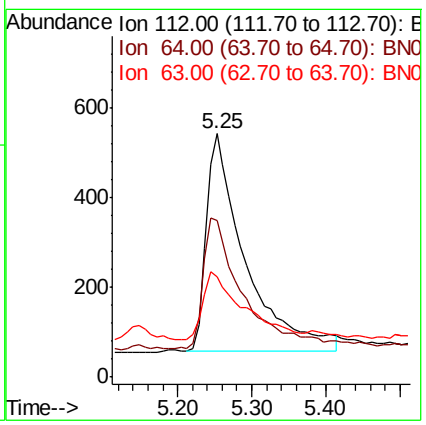


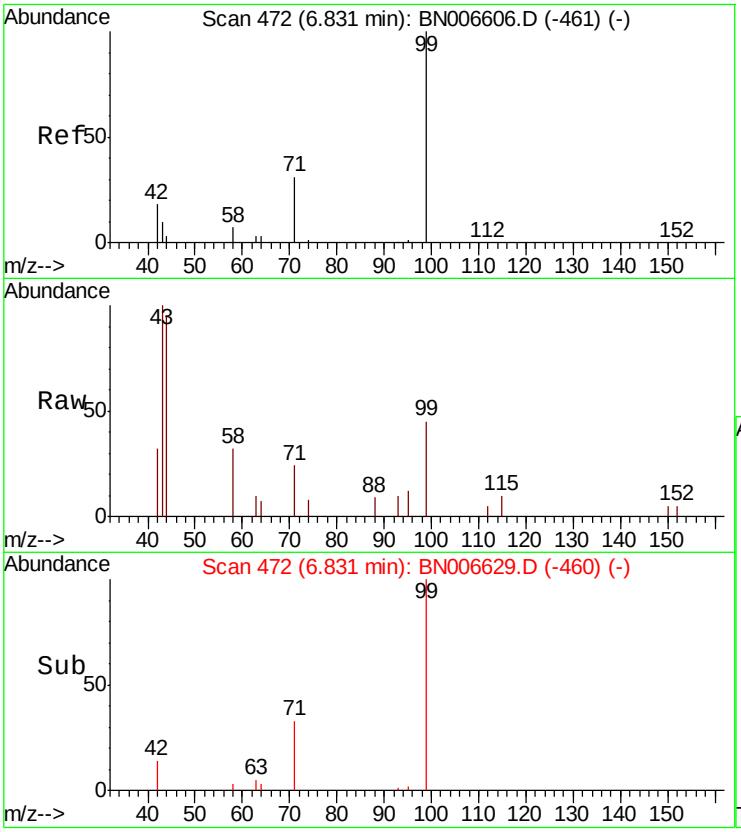


#4
2-Fluorophenol
Concen: 0.177 ng
RT: 5.25 min Scan# 276
Delta R.T. 0.01 min
Lab File: BN006629.D
Acq: 29 Jun 2019 00:29

Tgt Ion:112 Resp: 1772

Ion	Ratio	Lower	Upper
112	100		
64	61.0	48.9	73.3
63	32.5	24.3	36.5



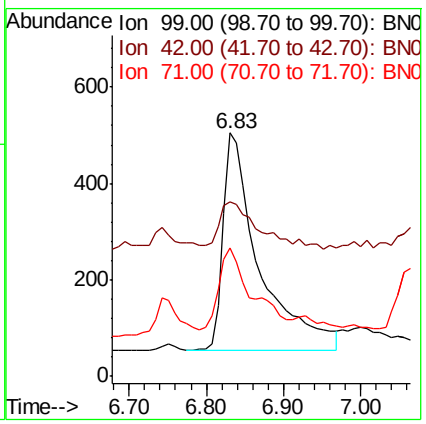


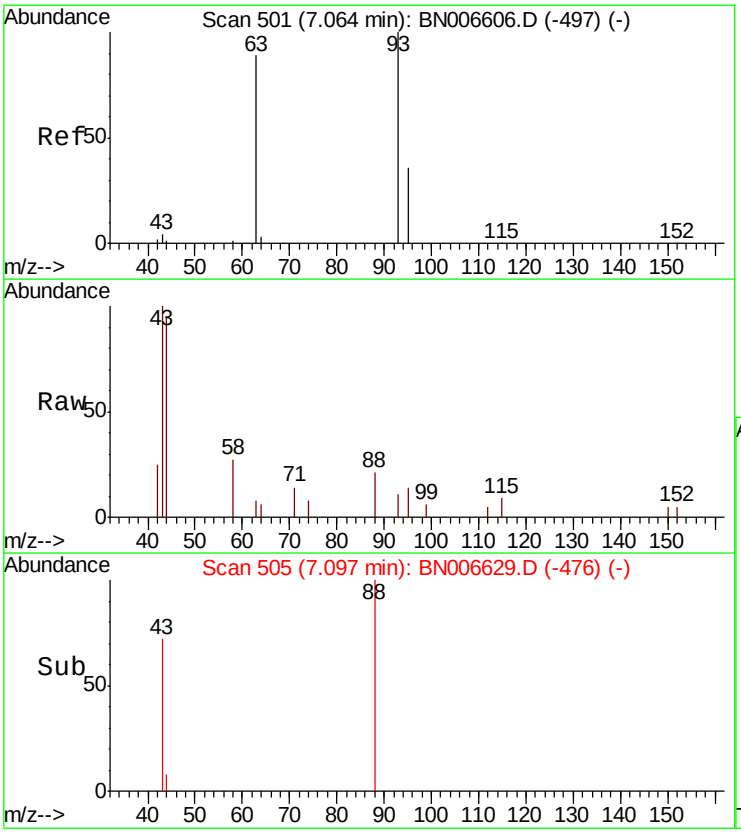
#5
Phenol-d6
Concen: 0.111 ng
RT: 6.83 min Scan# 472
Delta R.T. 0.00 min
Lab File: BN006629.D
Acq: 29 Jun 2019 00:29

Instrument :
BNA_N
ClientSampleId :
MW-2

Tgt Ion: 99 Resp: 1470

Ion	Ratio	Lower	Upper
99	100		
42	24.4	16.4	24.6
71	34.2	26.6	40.0

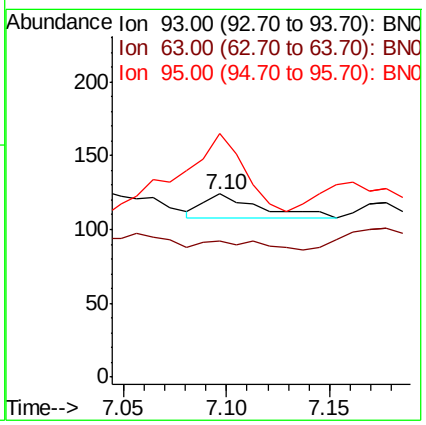


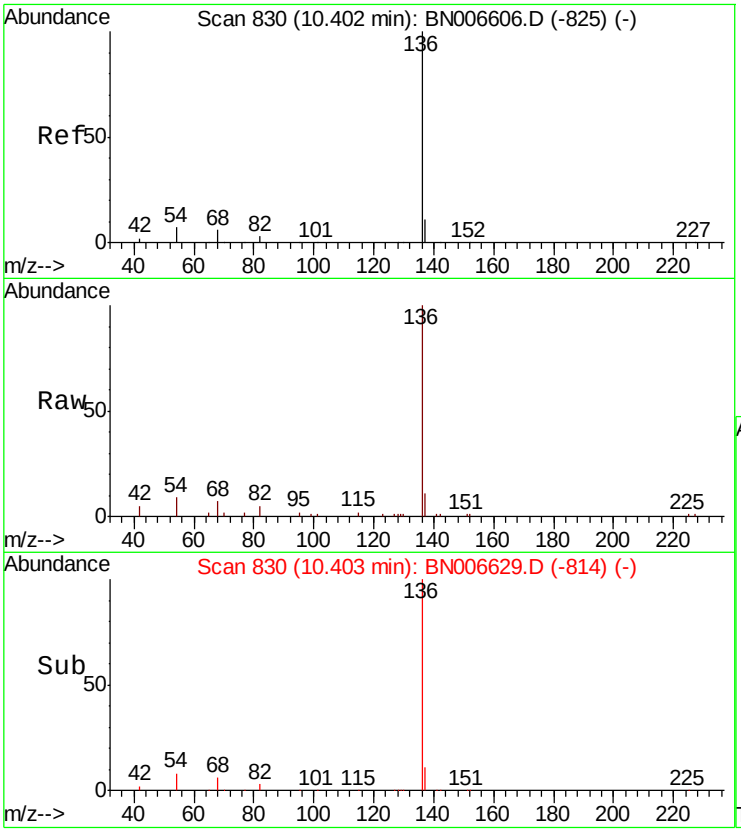


#6
bis(2-Chloroethyl)ether
Concen: 0.002 ng
RT: 7.10 min Scan# 505
Delta R.T. 0.03 min
Lab File: BN006629.D
Acq: 29 Jun 2019 00:29

Tgt Ion: 93 Resp: 29

Ion	Ratio	Lower	Upper
93	100		
63	44.8	52.5	78.7#
95	403.4	24.2	36.4#



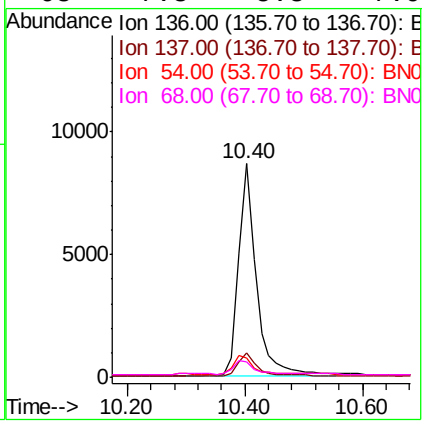


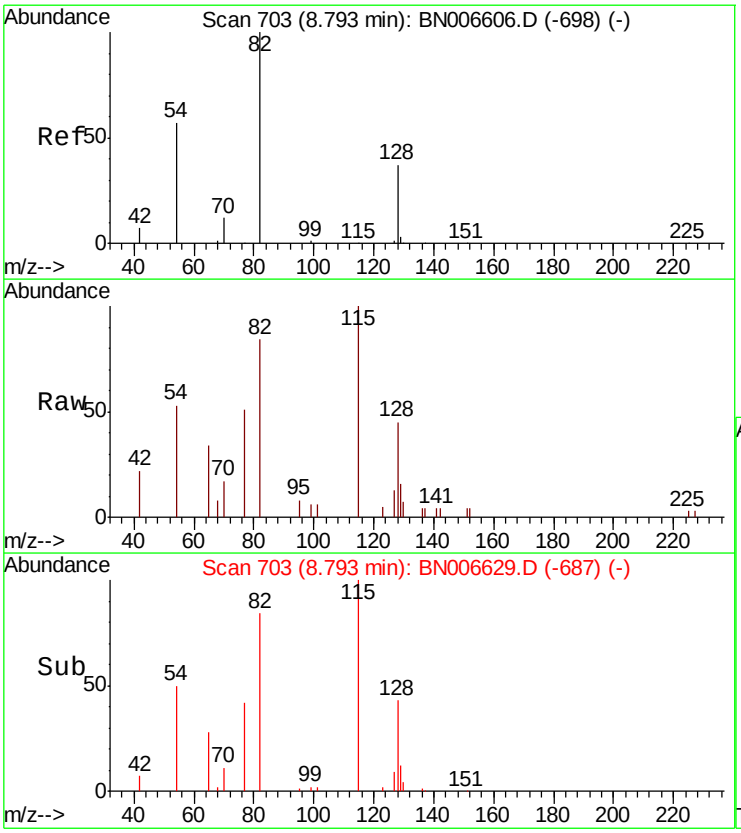
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.40 min Scan# 830
Delta R.T. 0.00 min
Lab File: BN006629.D
Acq: 29 Jun 2019 00:29

Instrument :
BNA_N
ClientSampleId :
MW-2

Tgt Ion:136 Resp: 17967

Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.3	13.9
54	8.8	6.7	10.1
68	7.3	5.3	7.9

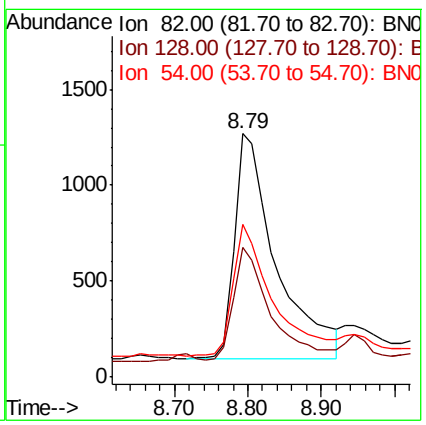


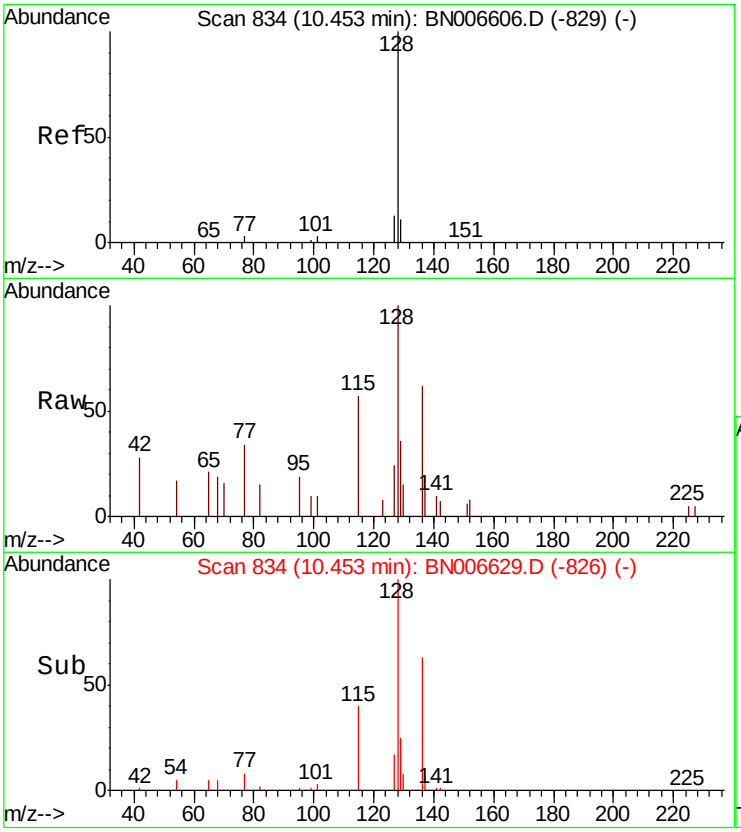


#8
Nitrobenzene-d5
Concen: 0.378 ng
RT: 8.79 min Scan# 703
Delta R.T. 0.00 min
Lab File: BN006629.D
Acq: 29 Jun 2019 00:29

Tgt Ion: 82 Resp: 4566

Ion	Ratio	Lower	Upper
82	100		
128	53.1	32.6	49.0#
54	62.9	48.2	72.4



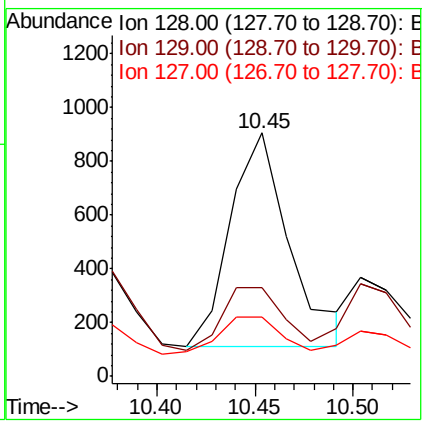


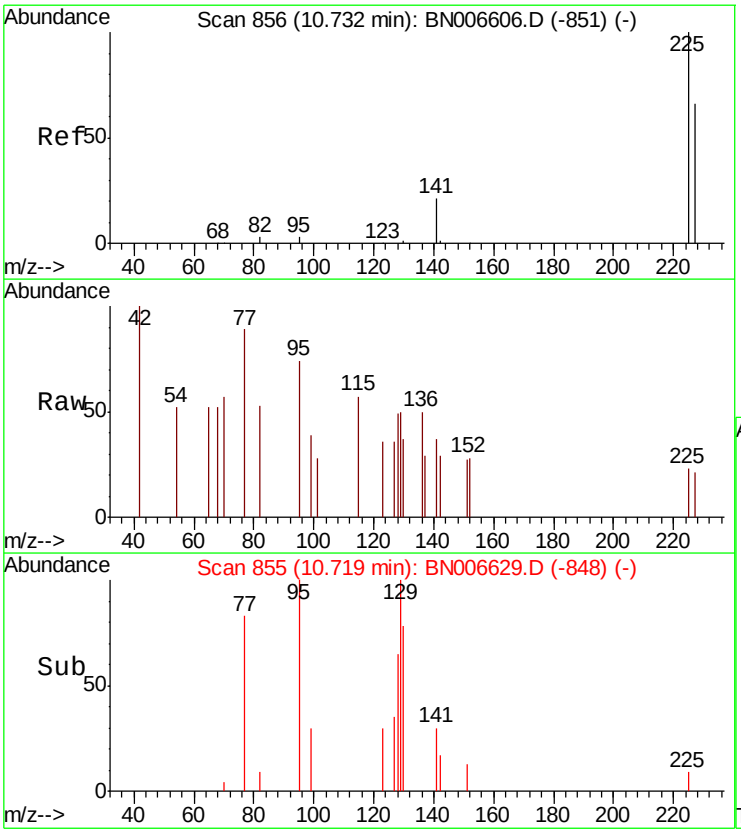
#9
Naphthalene
Concen: 0.036 ng
RT: 10.45 min Scan# 834
Delta R.T. 0.00 min
Lab File: BN006629.D
Acq: 29 Jun 2019 00:29

Instrument :
BNA_N
ClientSampleId :
MW-2

Tgt Ion:128 Resp: 1680

Ion	Ratio	Lower	Upper
128	100		
129	36.2	9.3	13.9#
127	24.2	10.8	16.2#

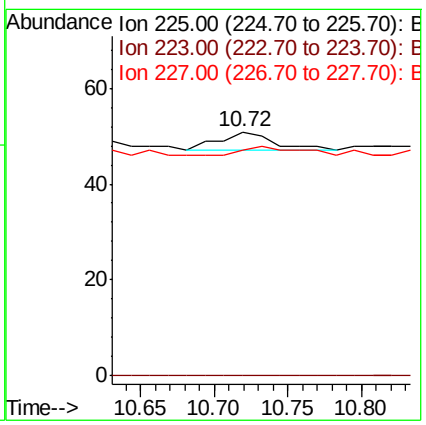


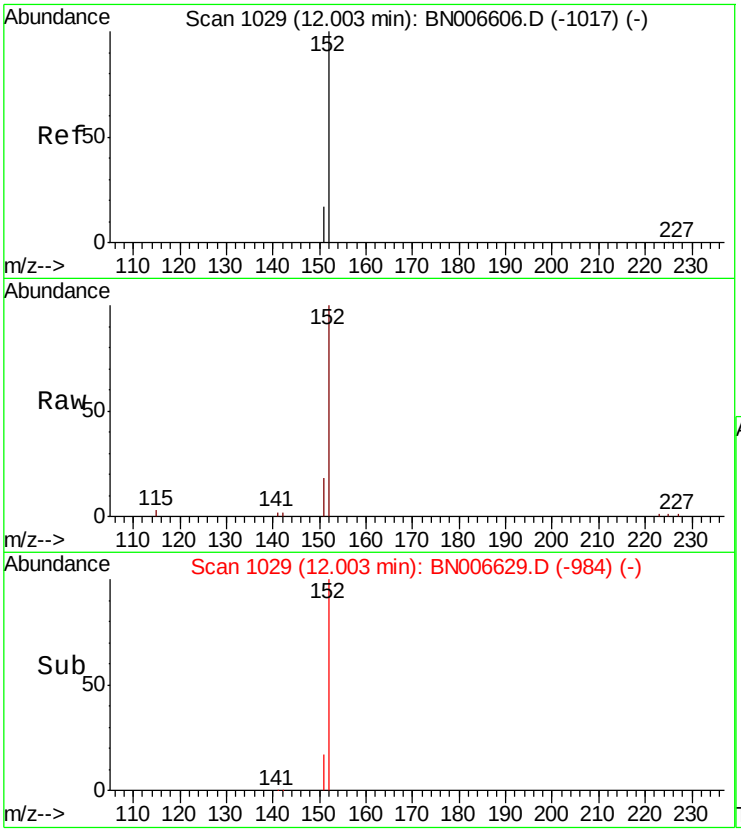


#10
Hexachlorobutadiene
Concen: 0.001 ng
RT: 10.72 min Scan# 855
Delta R.T. -0.01 min
Lab File: BN006629.D
Acq: 29 Jun 2019 00:29

Tgt Ion:225 Resp: 11

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	45.5	51.4	77.2#



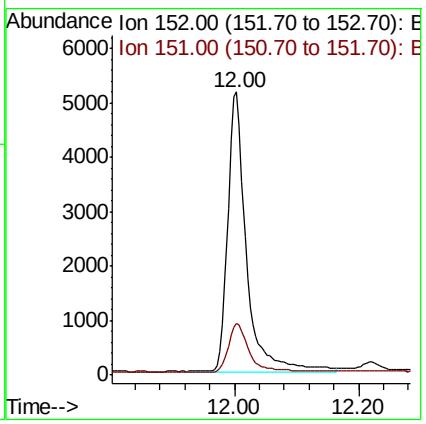


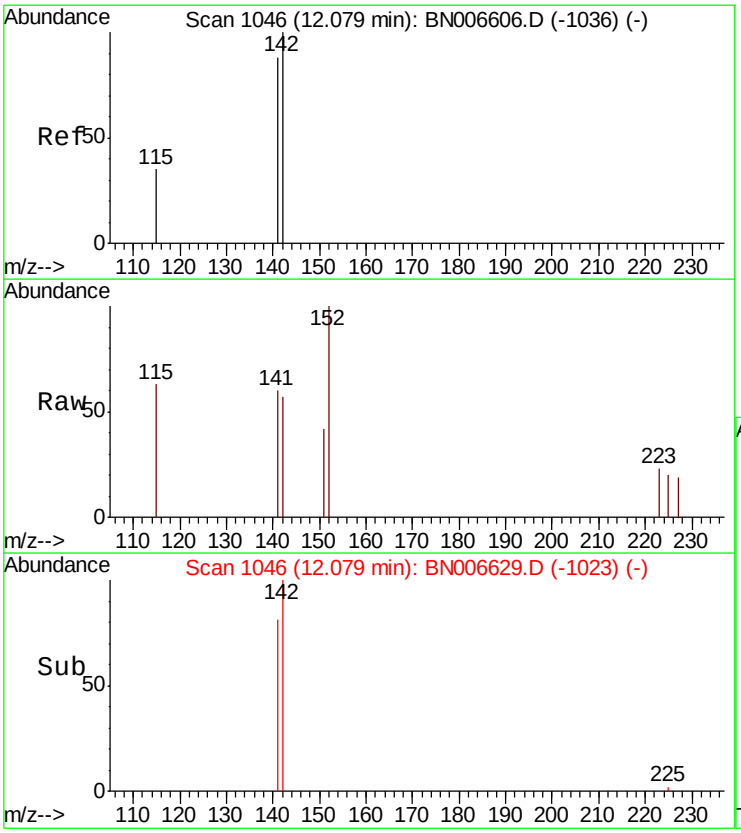
#11
2-Methylnaphthalene-d10
Concen: 0.378 ng
RT: 12.00 min Scan# 1029
Delta R.T. 0.00 min
Lab File: BN006629.D
Acq: 29 Jun 2019 00:29

Instrument :
BNA_N
ClientSampleId :
MW-2

Tgt Ion:152 Resp: 10705

Ion	Ratio	Lower	Upper
152	100		
151	19.6	15.0	22.4

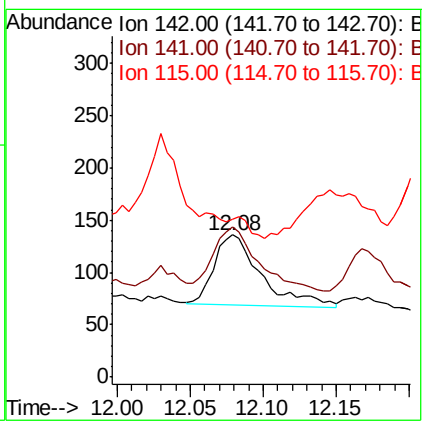


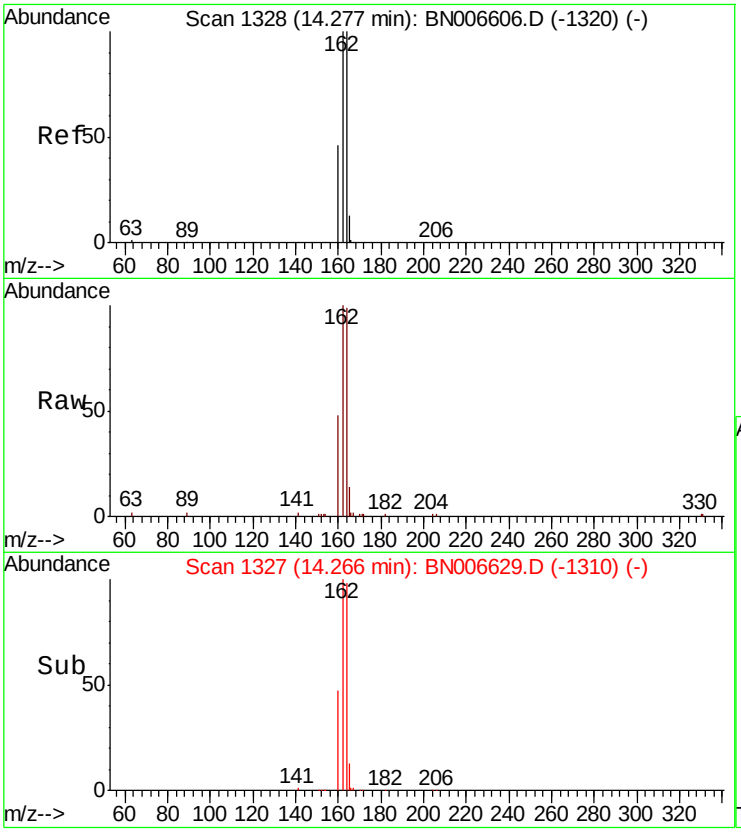


#12
2-Methylnaphthalene
Concen: 0.005 ng
RT: 12.08 min Scan# 1046
Delta R.T. 0.00 min
Lab File: BN006629.D
Acq: 29 Jun 2019 00:29

Tgt Ion:142 Resp: 149

Ion	Ratio	Lower	Upper
142	100		
141	105.9	70.2	105.4#
115	111.0	28.5	42.7#



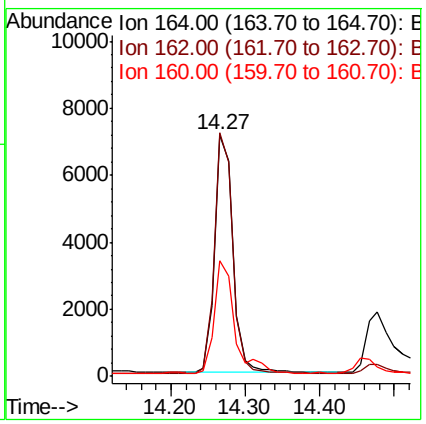


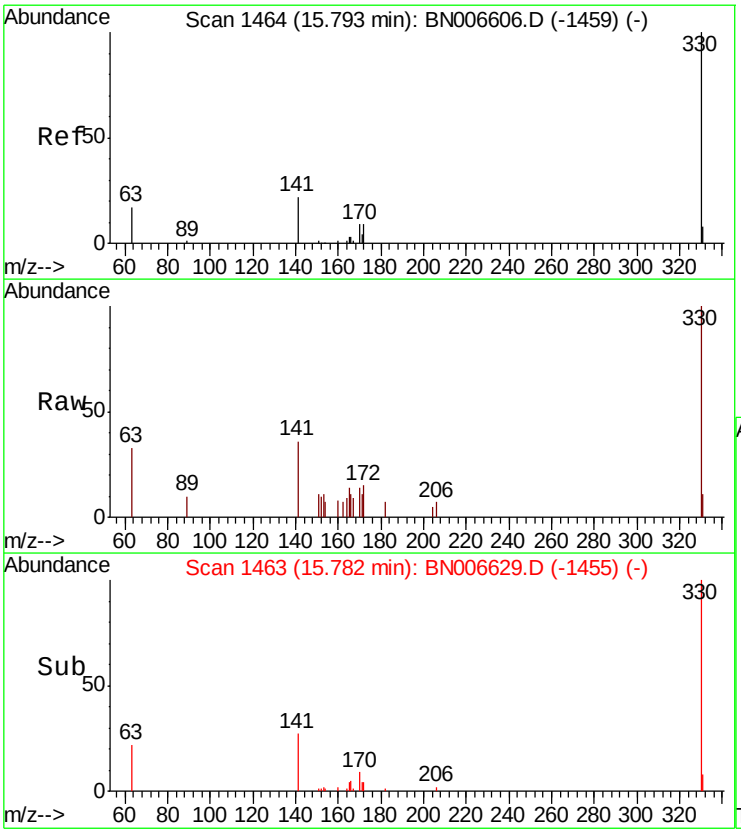
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.27 min Scan# 1327
Delta R.T. -0.01 min
Lab File: BN006629.D
Acq: 29 Jun 2019 00:29

Instrument :
BNA_N
ClientSampleId :
MW-2

Tgt Ion:164 Resp: 12107

Ion	Ratio	Lower	Upper
164	100		
162	100.8	80.0	120.0
160	48.0	37.0	55.4

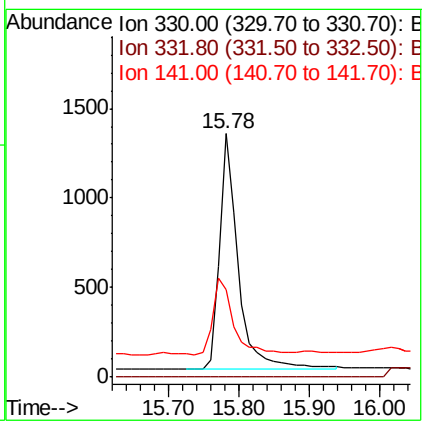


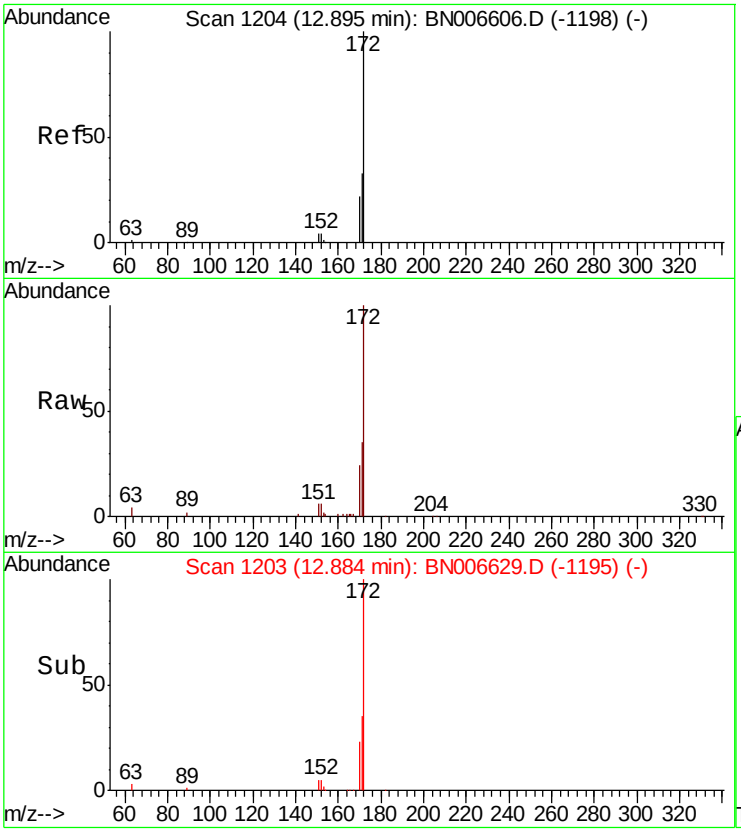


#14
2,4,6-Tribromophenol
Concen: 0.427 ng
RT: 15.78 min Scan# 1463
Delta R.T. -0.01 min
Lab File: BN006629.D
Acq: 29 Jun 2019 00:29

Tgt Ion:330 Resp: 2434

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	36.9	26.5	39.7



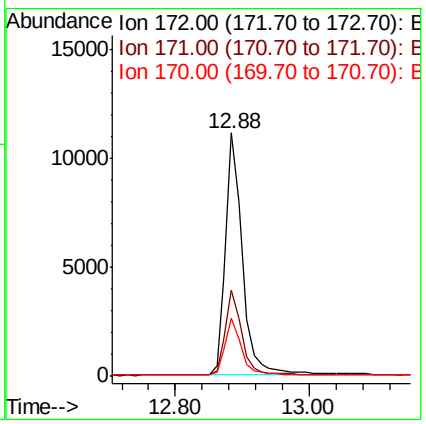


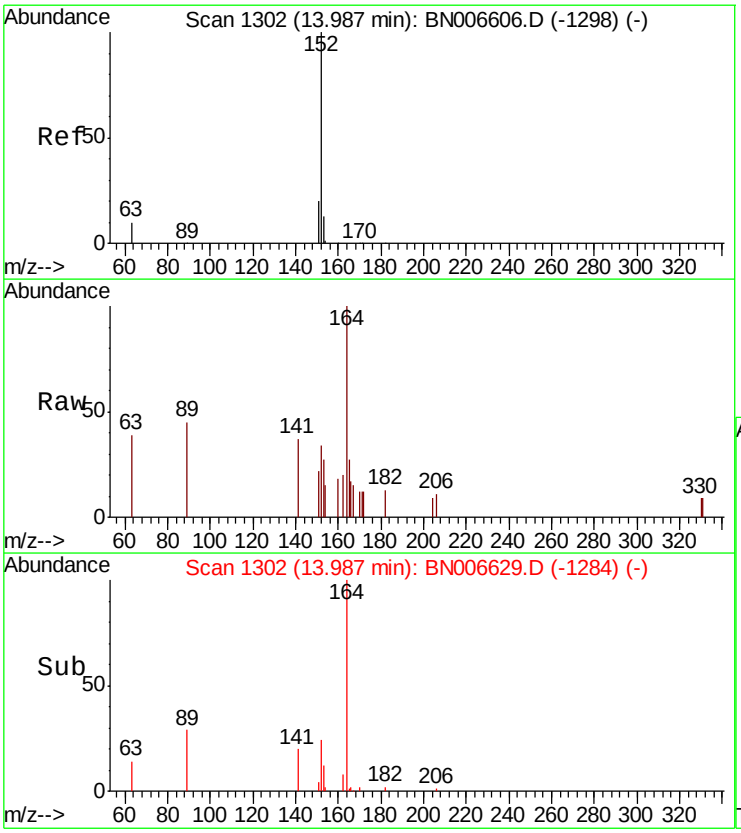
#15
2-Fluorobiphenyl
Concen: 0.438 ng
RT: 12.88 min Scan# 1203
Delta R.T. -0.01 min
Lab File: BN006629.D
Acq: 29 Jun 2019 00:29

Instrument :
BNA_N
ClientSampleId :
MW-2

Tgt Ion:172 Resp: 19668

Ion	Ratio	Lower	Upper
172	100		
171	35.1	27.0	40.4
170	23.7	17.7	26.5

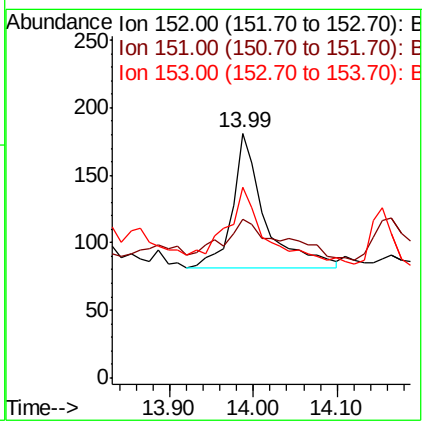


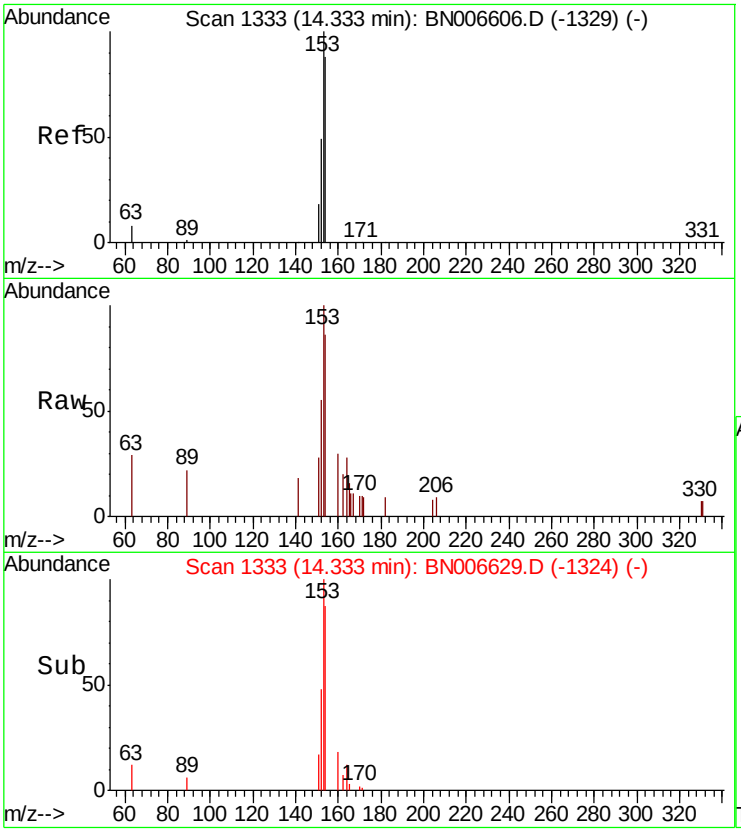


#16
Acenaphthylene
Concen: 0.005 ng
RT: 13.99 min Scan# 1302
Delta R.T. 0.00 min
Lab File: BN006629.D
Acq: 29 Jun 2019 00:29

Tgt Ion:152 Resp: 270

Ion	Ratio	Lower	Upper
152	100		
151	55.6	15.6	23.4#
153	71.9	10.5	15.7#



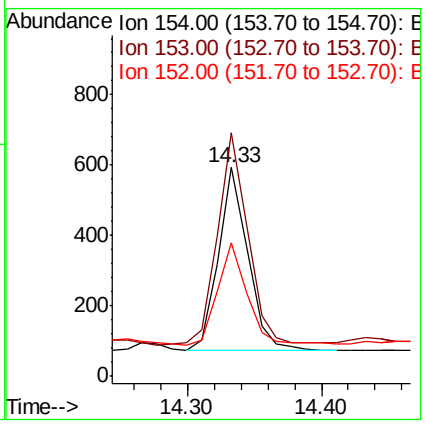


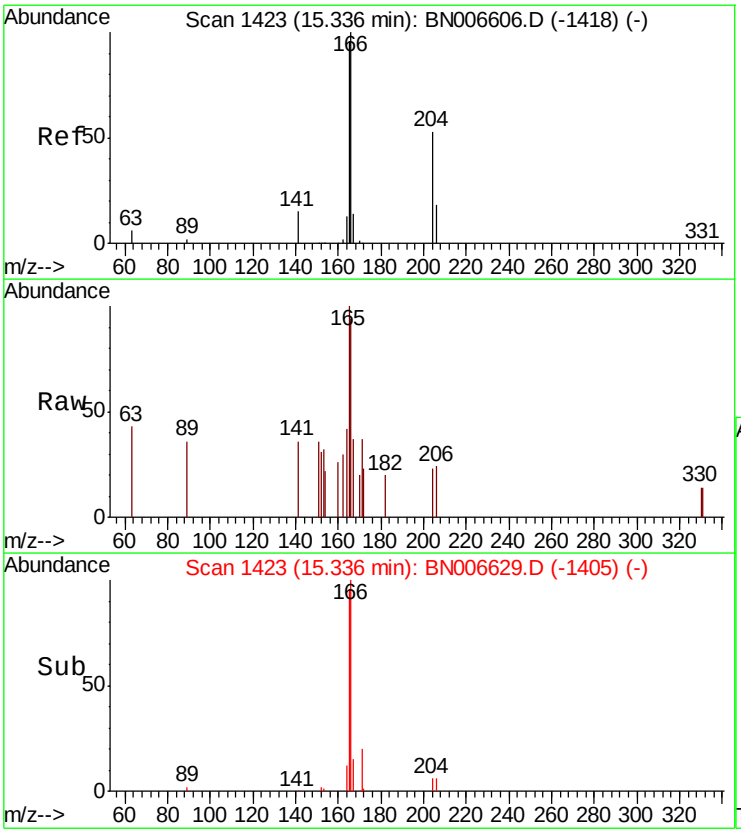
#17
Acenaphthene
Concen: 0.021 ng
RT: 14.33 min Scan# 1333
Delta R.T. 0.00 min
Lab File: BN006629.D
Acq: 29 Jun 2019 00:29

Instrument :
BNA_N
ClientSampleId :
MW-2

Tgt Ion:154 Resp: 799

Ion	Ratio	Lower	Upper
154	100		
153	119.1	90.2	135.4
152	55.7	44.2	66.4

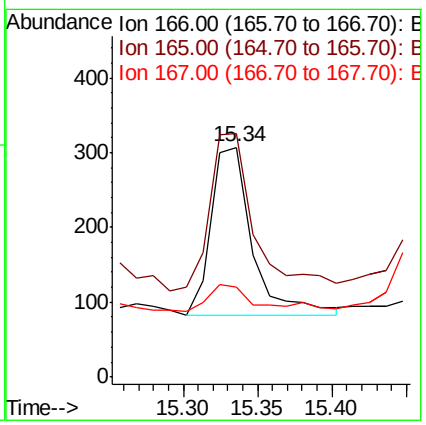


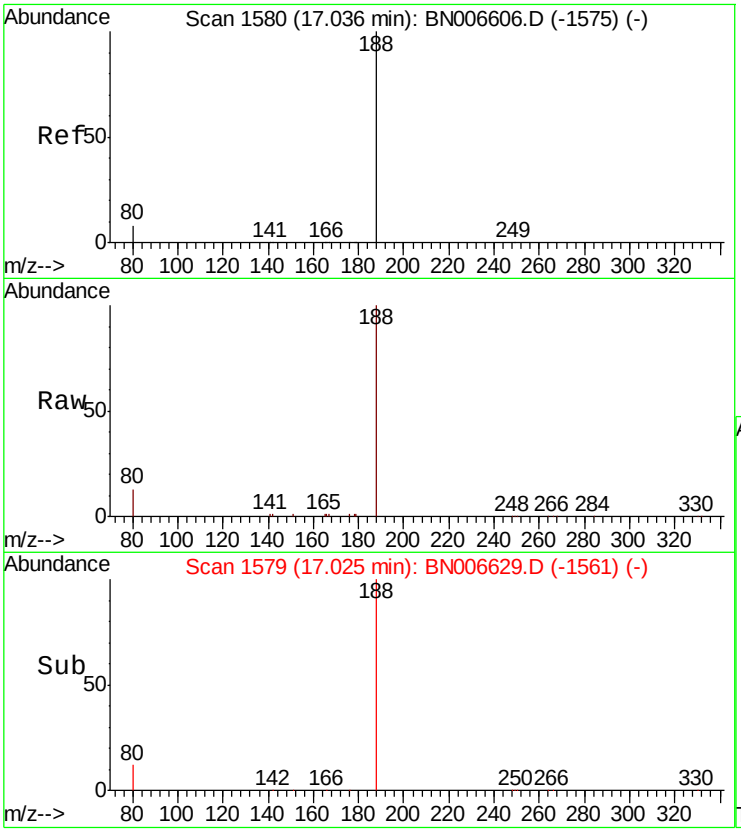


#18
Fluorene
Concen: 0.009 ng
RT: 15.34 min Scan# 1423
Delta R.T. 0.00 min
Lab File: BN006629.D
Acq: 29 Jun 2019 00:29

Tgt Ion:166 Resp: 439

Ion	Ratio	Lower	Upper
166	100		
165	100.9	78.4	117.6
167	0.0	10.8	16.2#



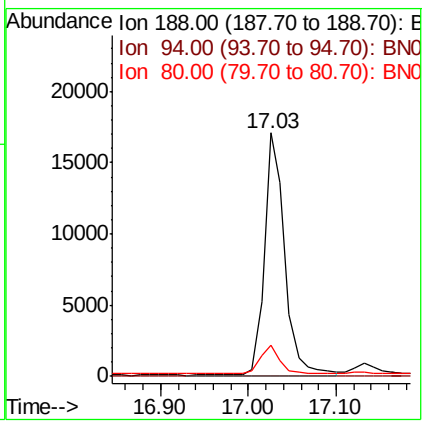


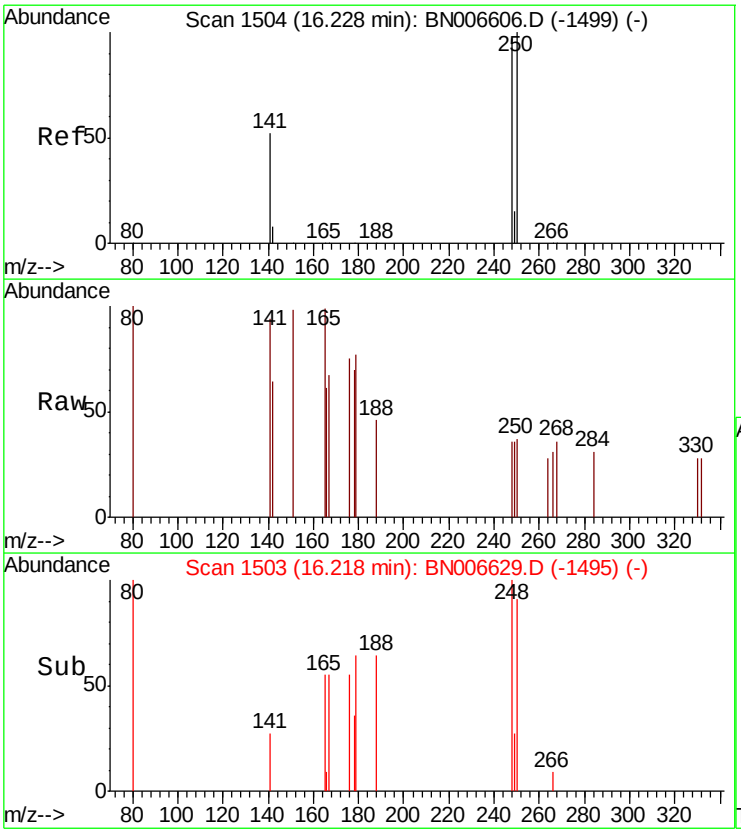
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.03 min Scan# 1579
Delta R.T. -0.01 min
Lab File: BN006629.D
Acq: 29 Jun 2019 00:29

Instrument :
BNA_N
ClientSampleId :
MW-2

Tgt Ion:188 Resp: 27540

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	12.8	7.1	10.7#

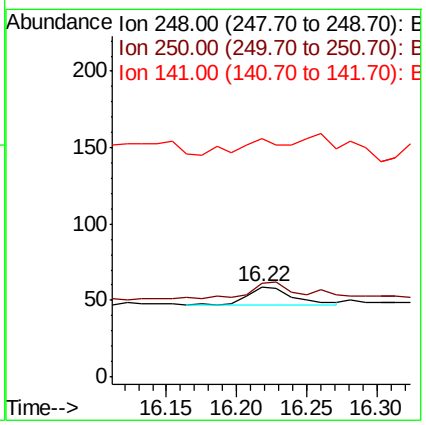


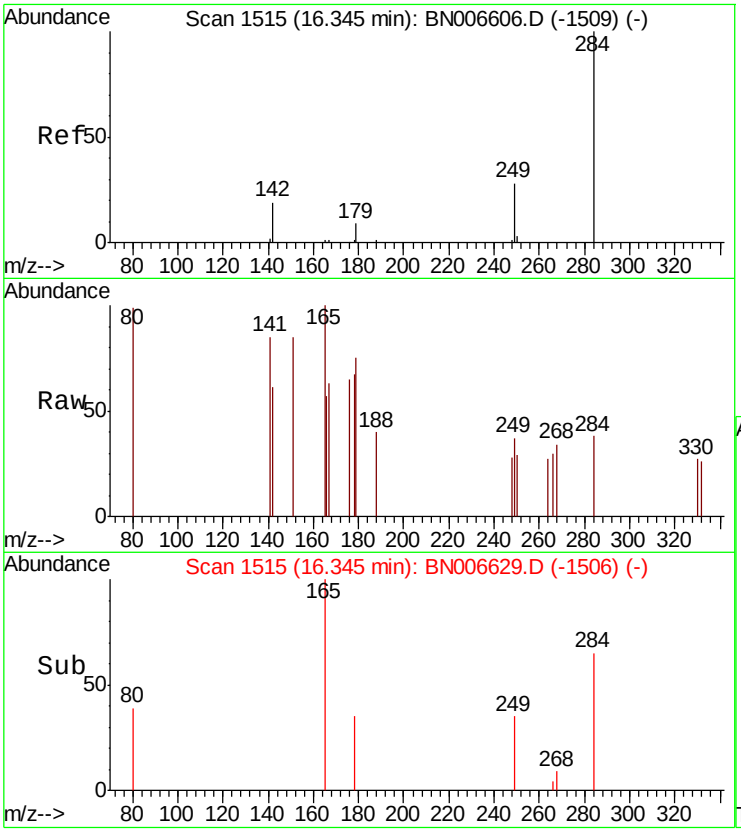


#20
4-Bromophenyl-phenylether
Concen: 0.002 ng
RT: 16.22 min Scan# 1503
Delta R.T. -0.01 min
Lab File: BN006629.D
Acq: 29 Jun 2019 00:29

Tgt Ion:248 Resp: 27

Ion	Ratio	Lower	Upper
248	100		
250	103.4	82.2	123.4
141	264.4	43.8	65.8#



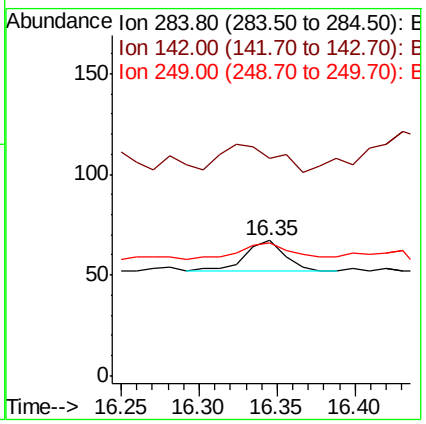


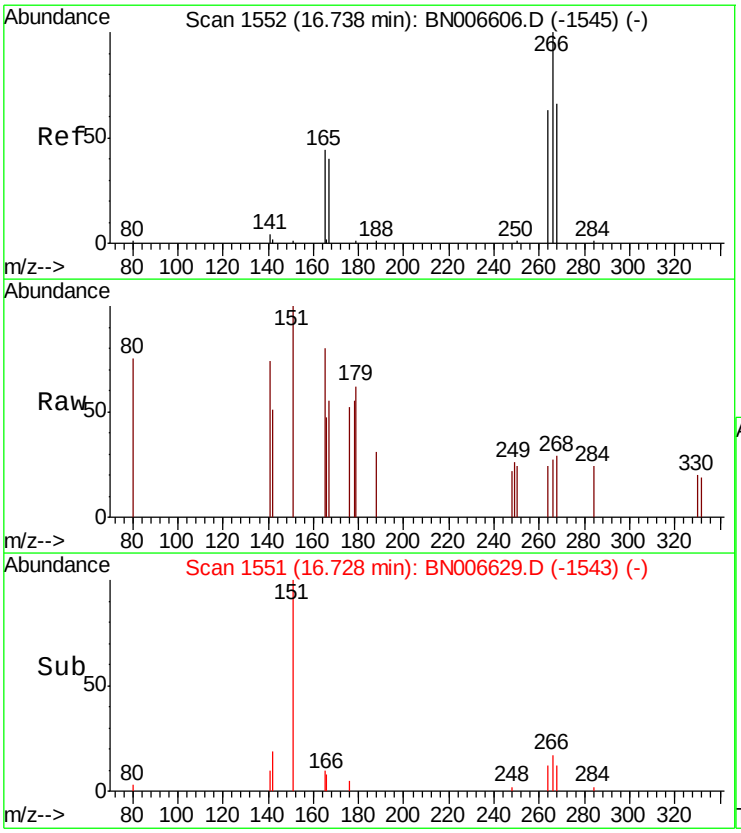
#21
Hexachlorobenzene
Concen: 0.001 ng
RT: 16.35 min Scan# 1515
Delta R.T. 0.00 min
Lab File: BN006629.D
Acq: 29 Jun 2019 00:29

Instrument :
BNA_N
ClientSampleId :
MW-2

Tgt Ion:284 Resp: 26

Ion	Ratio	Lower	Upper
284	100		
142	0.0	27.5	41.3#
249	65.4	24.7	37.1#

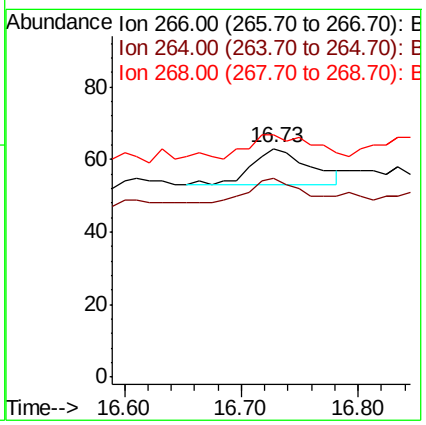


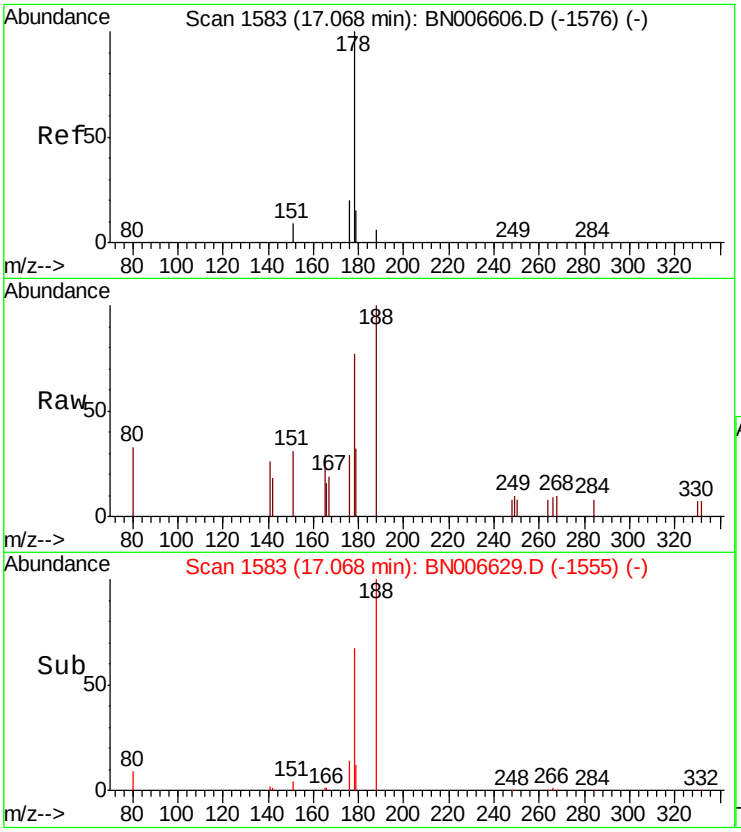


#22
Pentachlorophenol
Concen: 0.200 ng
RT: 16.73 min Scan# 1551
Delta R.T. -0.01 min
Lab File: BN006629.D
Acq: 29 Jun 2019 00:29

Tgt Ion:266 Resp: 34

Ion	Ratio	Lower	Upper
266	100		
264	87.3	56.2	84.4#
268	106.3	63.0	94.4#



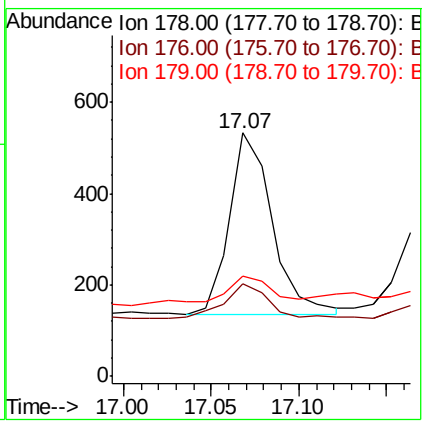


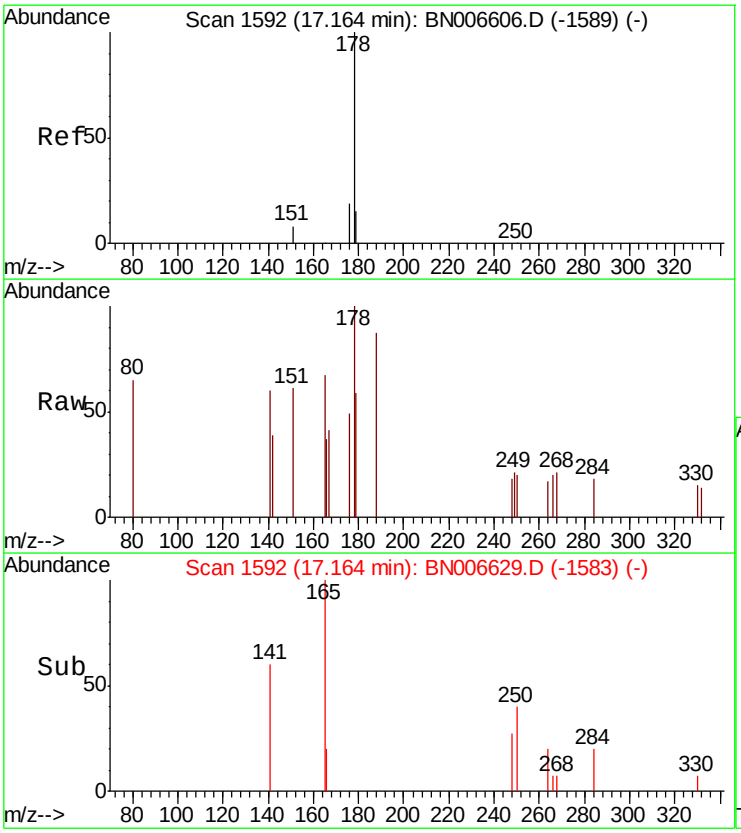
#23
Phenanthrene
Concen: 0.009 ng
RT: 17.07 min Scan# 1583
Delta R.T. 0.00 min
Lab File: BN006629.D
Acq: 29 Jun 2019 00:29

Instrument :
BNA_N
ClientSampleId :
MW-2

Tgt Ion:178 Resp: 670

Ion	Ratio	Lower	Upper
178	100		
176	0.0	15.3	22.9#
179	20.9	12.2	18.4#

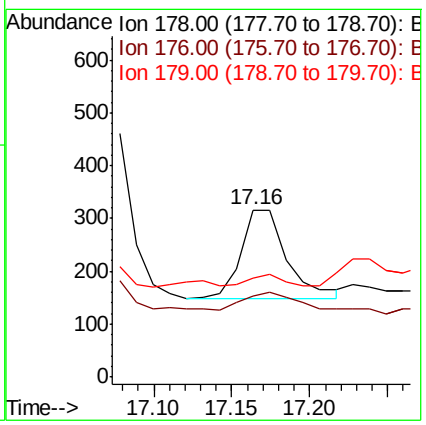


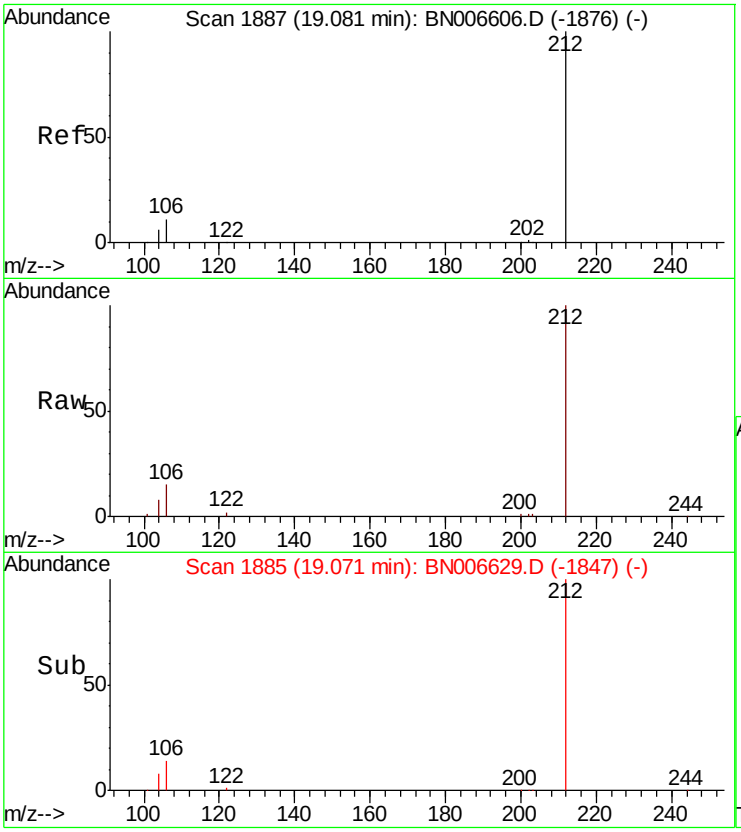


#24
Anthracene
Concen: 0.005 ng
RT: 17.16 min Scan# 1592
Delta R.T. 0.00 min
Lab File: BN006629.D
Acq: 29 Jun 2019 00:29

Tgt Ion:178 Resp: 349

Ion	Ratio	Lower	Upper
178	100		
176	33.0	15.0	22.4#
179	9.2	12.2	18.2#



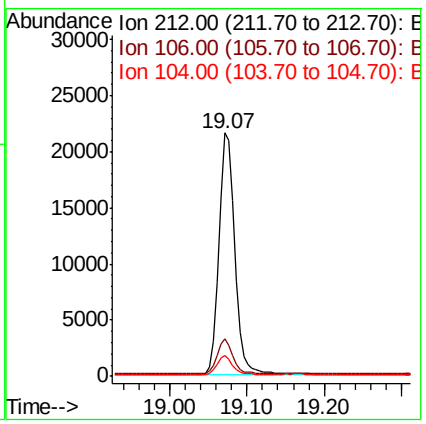


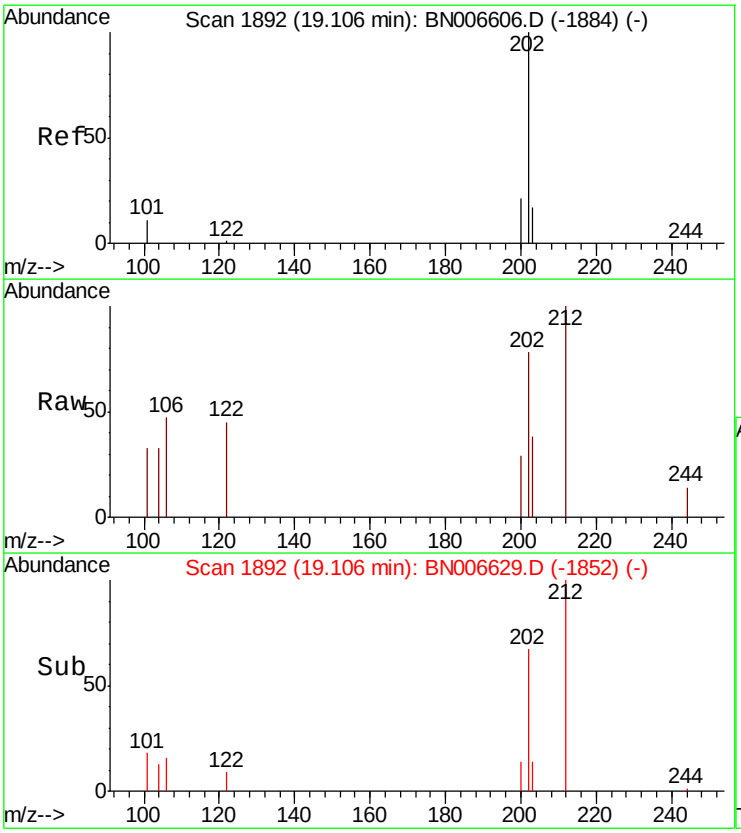
#25
Fluoranthene-d10
Concen: 0.387 ng
RT: 19.07 min Scan# 1885
Delta R.T. -0.01 min
Lab File: BN006629.D
Acq: 29 Jun 2019 00:29

Instrument :
BNA_N
ClientSampleId :
MW-2

Tgt Ion:212 Resp: 31321

Ion	Ratio	Lower	Upper
212	100		
106	13.9	10.6	15.8
104	7.8	5.8	8.6

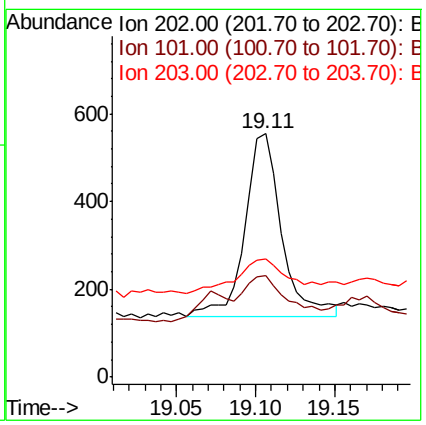


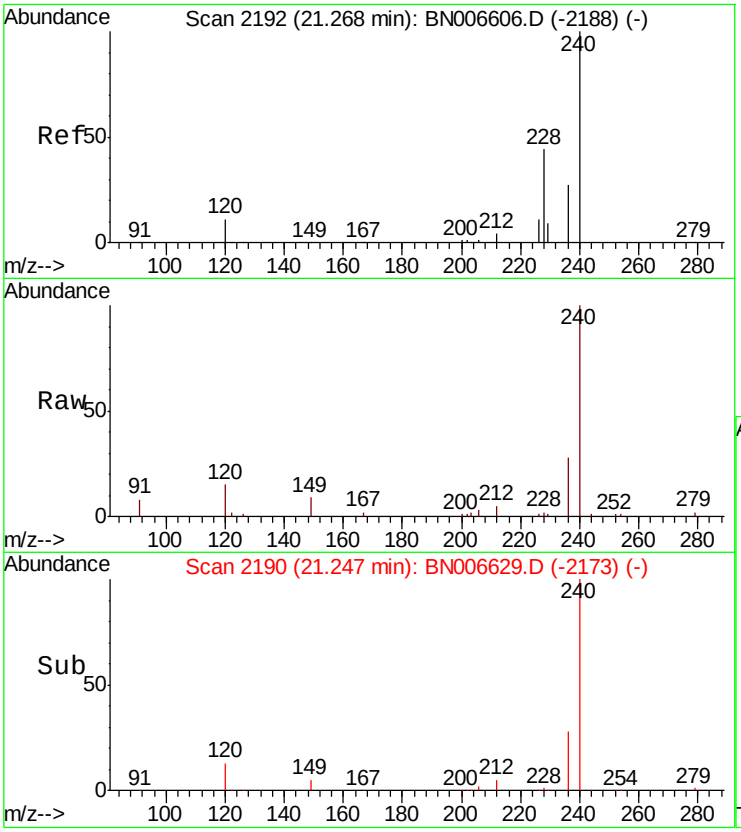


#26
Fluoranthene
Concen: 0.007 ng
RT: 19.11 min Scan# 1892
Delta R.T. 0.00 min
Lab File: BN006629.D
Acq: 29 Jun 2019 00:29

Tgt Ion:202 Resp: 662

Ion	Ratio	Lower	Upper
202	100		
101	20.2	8.9	13.3#
203	27.3	13.6	20.4#



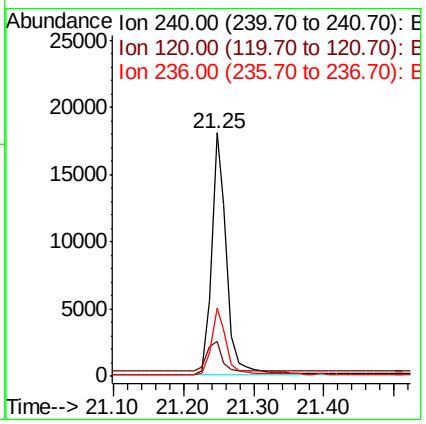


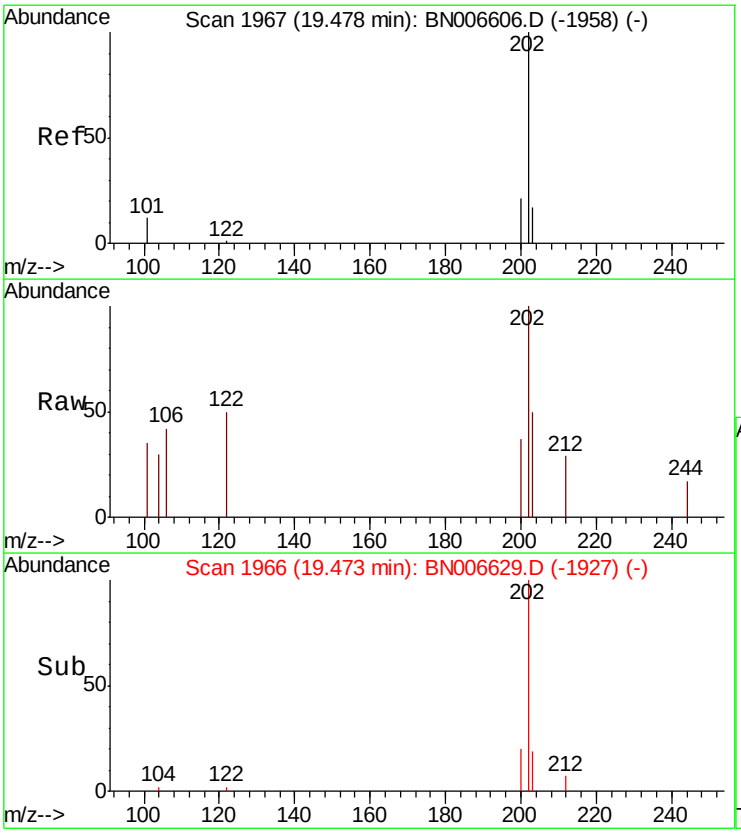
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.25 min Scan# 2190
Delta R.T. -0.02 min
Lab File: BN006629.D
Acq: 29 Jun 2019 00:29

Instrument :
BNA_N
ClientSampleId :
MW-2

Tgt Ion:240 Resp: 27154

Ion	Ratio	Lower	Upper
240	100		
120	14.6	9.9	14.9
236	28.2	22.2	33.4

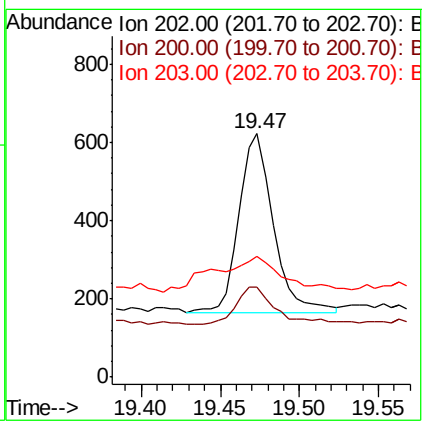


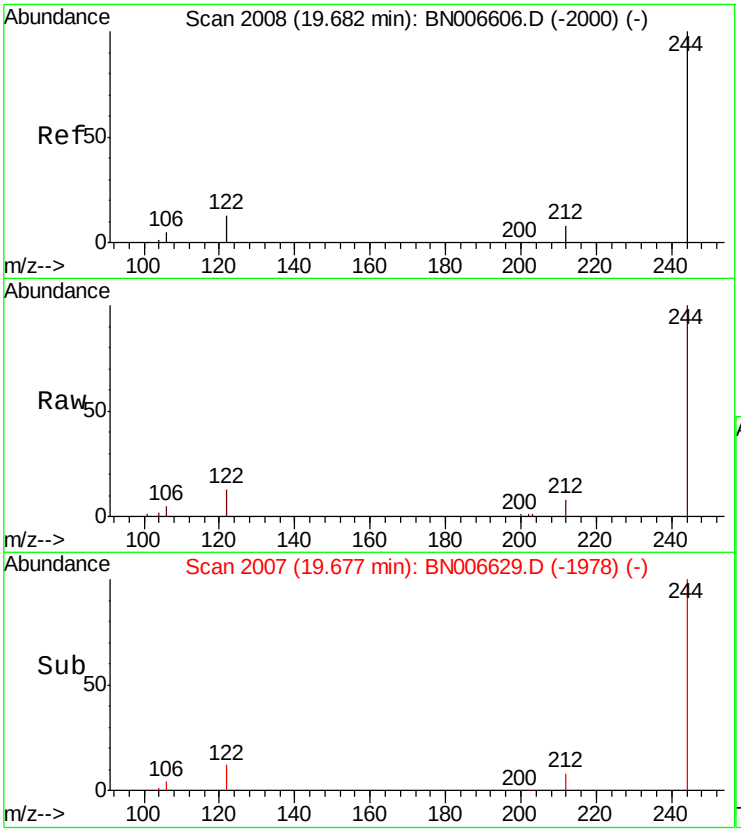


#28
Pyrene
Concen: 0.007 ng
RT: 19.47 min Scan# 1966
Delta R.T. -0.00 min
Lab File: BN006629.D
Acq: 29 Jun 2019 00:29

Tgt Ion:202 Resp: 696

Ion	Ratio	Lower	Upper
202	100		
200	25.3	16.7	25.1#
203	21.1	14.1	21.1#



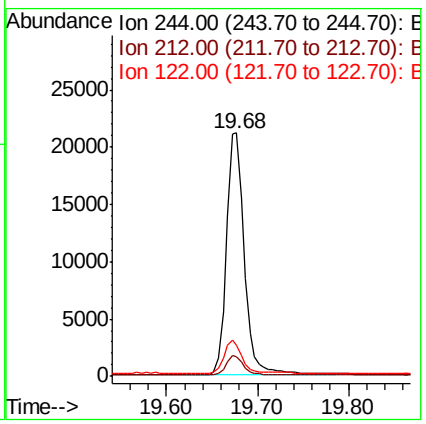


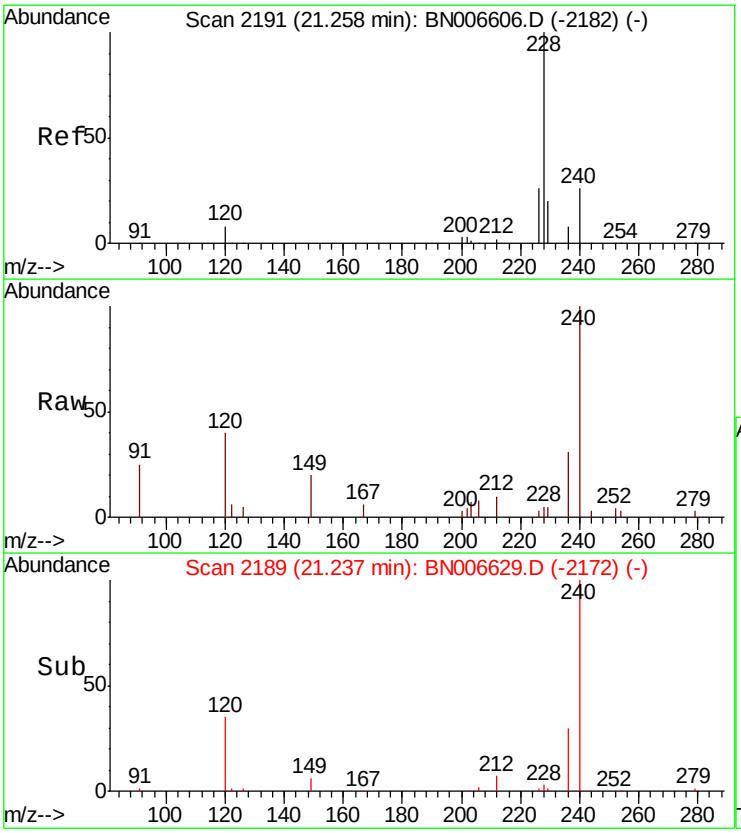
#29
Terphenyl-d14
Concen: 0.512 ng
RT: 19.68 min Scan# 2007
Delta R.T. -0.00 min
Lab File: BN006629.D
Acq: 29 Jun 2019 00:29

Instrument :
BNA_N
ClientSampleId :
MW-2

Tgt Ion:244 Resp: 29118

Ion	Ratio	Lower	Upper
244	100		
212	8.1	6.7	10.1
122	12.9	11.0	16.6

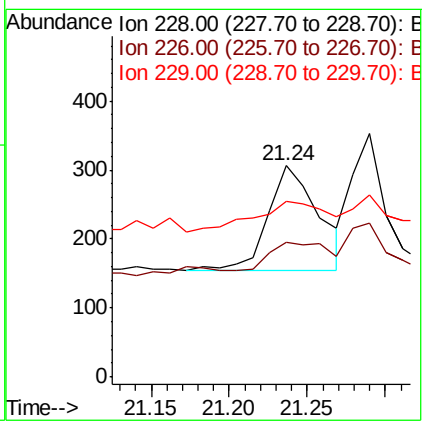


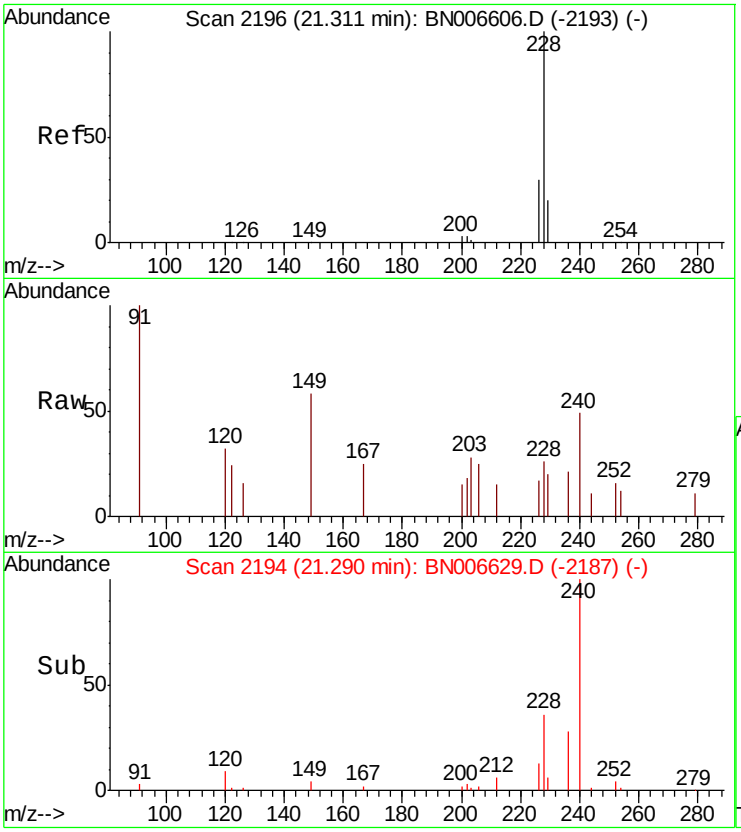


#30
Benzo(a)anthracene
Concen: 0.004 ng
RT: 21.24 min Scan# 2189
Delta R.T. -0.02 min
Lab File: BN006629.D
Acq: 29 Jun 2019 00:29

Tgt Ion:228 Resp: 342

Ion	Ratio	Lower	Upper
228	100		
226	63.7	21.2	31.8#
229	83.0	16.1	24.1#



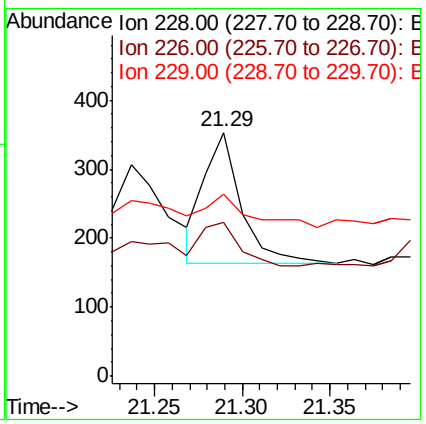


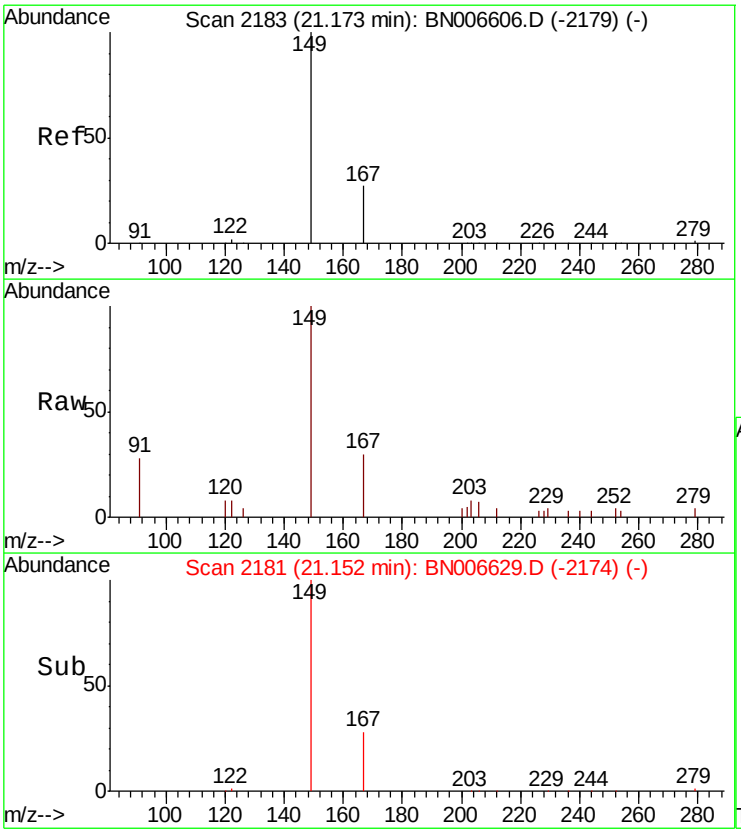
#31
Chrysene
Concen: 0.003 ng
RT: 21.29 min Scan# 2194
Delta R.T. -0.02 min
Lab File: BN006629.D
Acq: 29 Jun 2019 00:29

Instrument :
BNA_N
ClientSampleId :
MW-2

Tgt Ion:228 Resp: 282

Ion	Ratio	Lower	Upper
228	100		
226	63.2	23.8	35.6#
229	74.5	15.9	23.9#

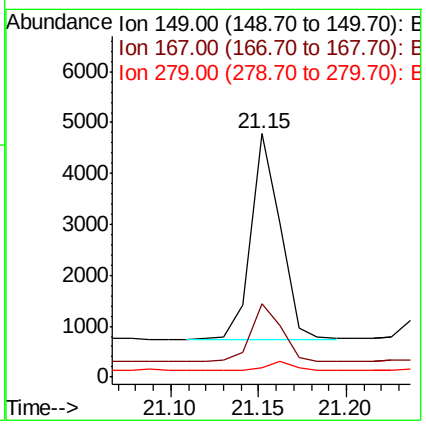


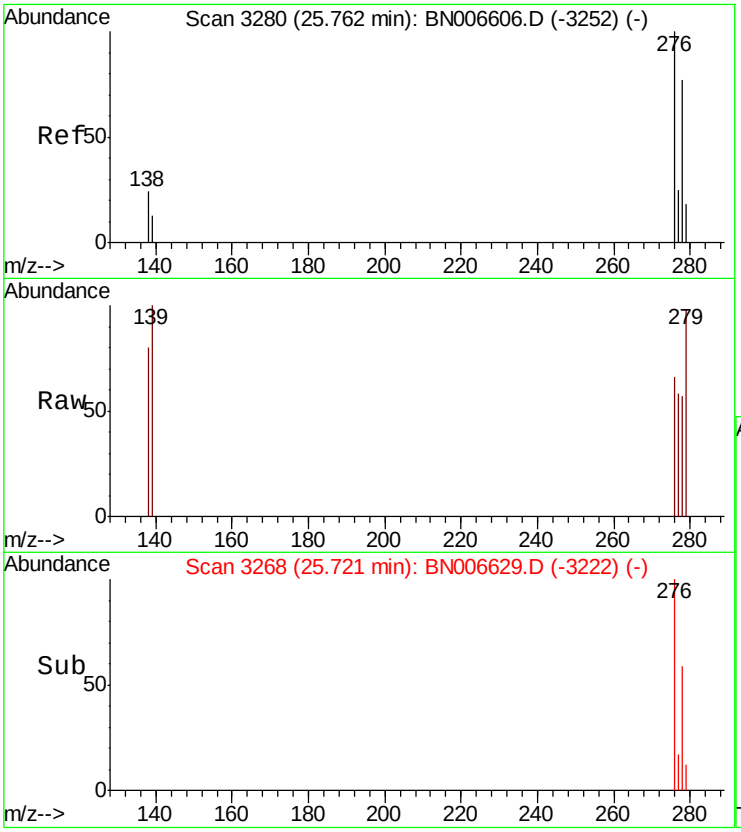


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.104 ng
RT: 21.15 min Scan# 2181
Delta R.T. -0.02 min
Lab File: BN006629.D
Acq: 29 Jun 2019 00:29

Tgt Ion:149 Resp: 4667

Ion	Ratio	Lower	Upper
149	100		
167	28.9	22.9	34.3
279	4.2	3.3	4.9



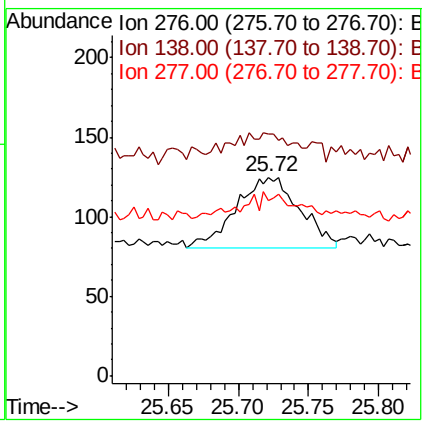


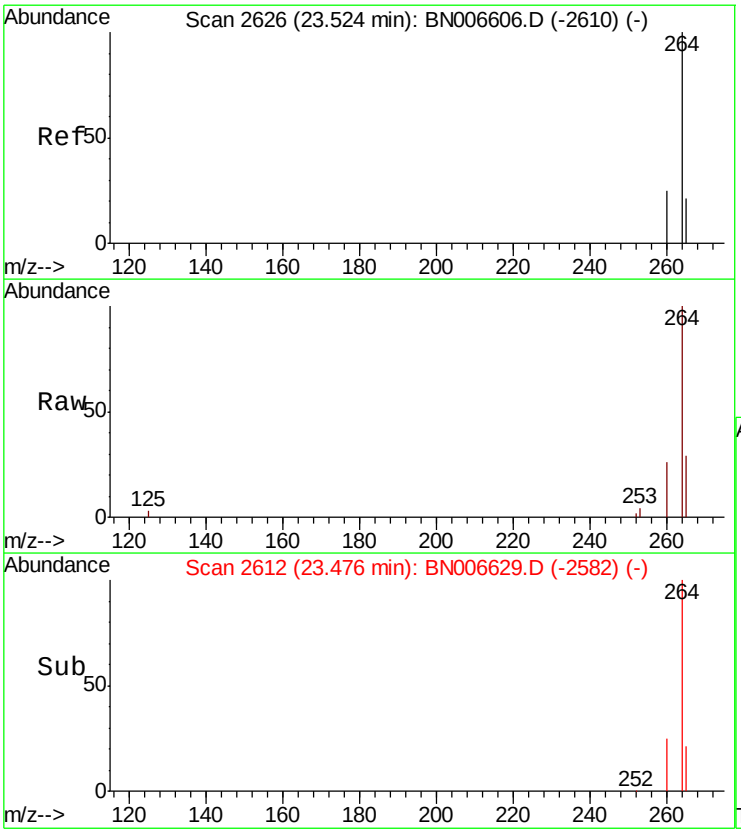
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.001 ng
RT: 25.72 min Scan# 3268
Delta R.T. -0.04 min
Lab File: BN006629.D
Acq: 29 Jun 2019 00:29

Instrument :
BNA_N
ClientSampleId :
MW-2

Tgt Ion:276 Resp: 143

Ion	Ratio	Lower	Upper
276	100		
138	0.0	19.3	28.9#
277	3.5	19.9	29.9#

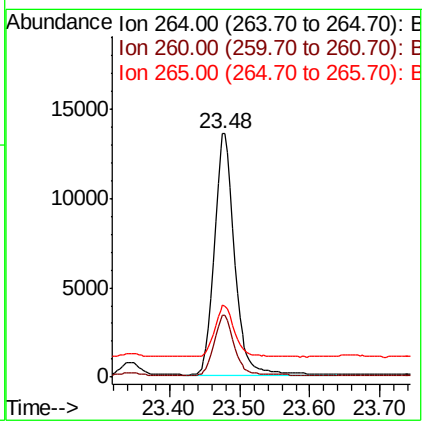


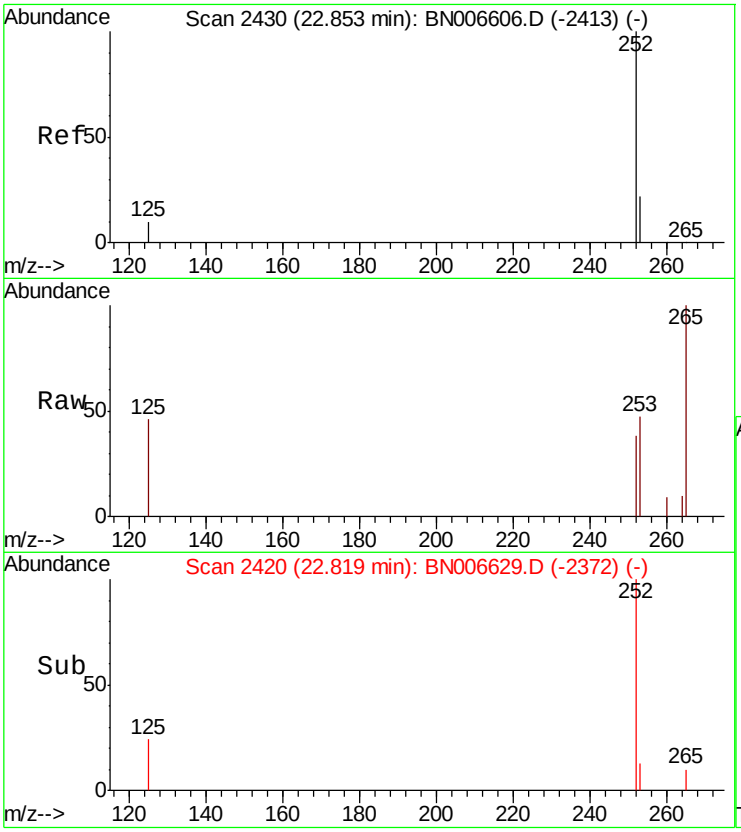


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.48 min Scan# 2612
Delta R.T. -0.05 min
Lab File: BN006629.D
Acq: 29 Jun 2019 00:29

Tgt Ion:264 Resp: 26996

Ion	Ratio	Lower	Upper
264	100		
260	25.6	20.2	30.2
265	29.4	23.3	34.9



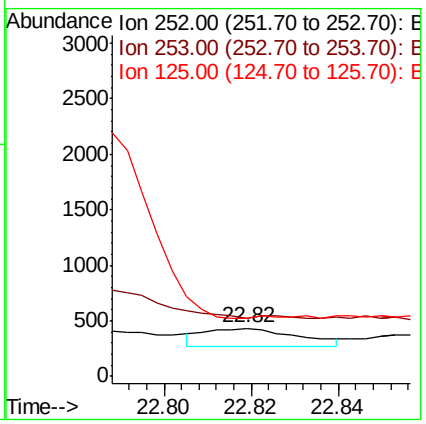


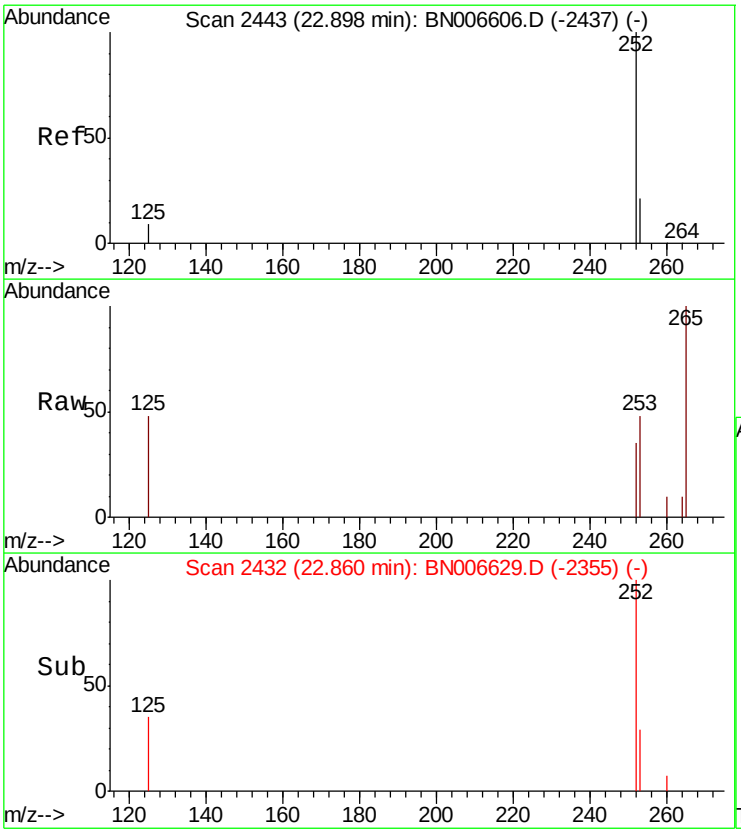
#35
Benzo(b)fluoranthene
Concen: 0.003 ng
RT: 22.82 min Scan# 2420
Delta R.T. -0.03 min
Lab File: BN006629.D
Acq: 29 Jun 2019 00:29

Instrument :
BNA_N
ClientSampleId :
MW-2

Tgt Ion:252 Resp: 240

Ion	Ratio	Lower	Upper
252	100		
253	121.4	18.4	27.6#
125	121.1	8.7	13.1#

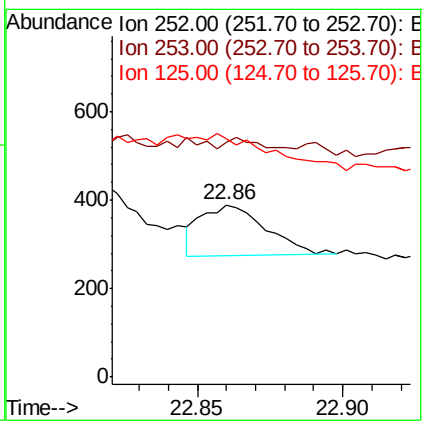


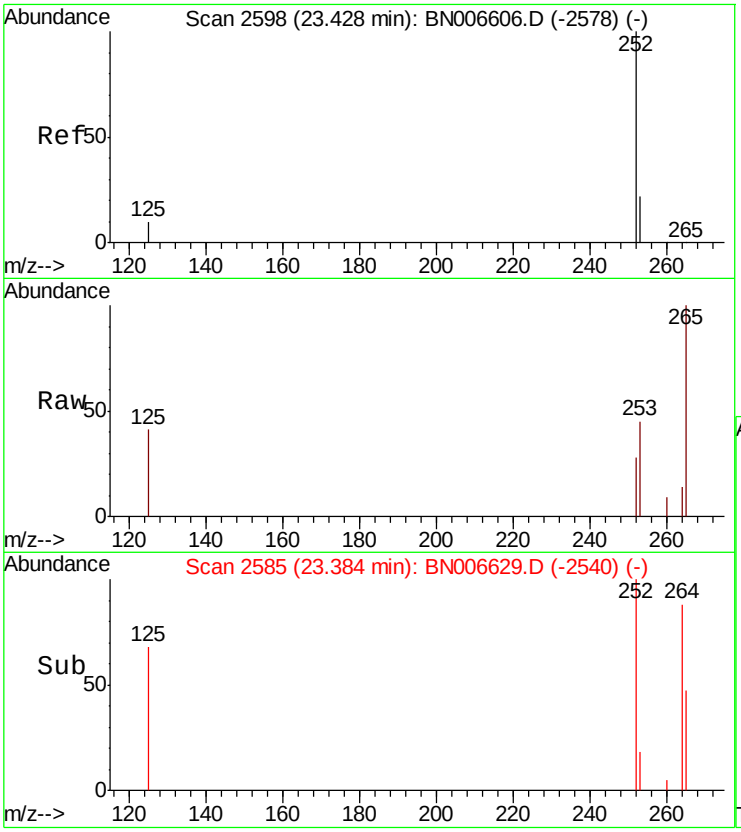


#36
Benzo(k)fluoranthene
Concen: 0.002 ng
RT: 22.86 min Scan# 2432
Delta R.T. -0.04 min
Lab File: BN006629.D
Acq: 29 Jun 2019 00:29

Tgt Ion:252 Resp: 178

Ion	Ratio	Lower	Upper
252	100		
253	136.8	18.3	27.5#
125	138.6	8.4	12.6#



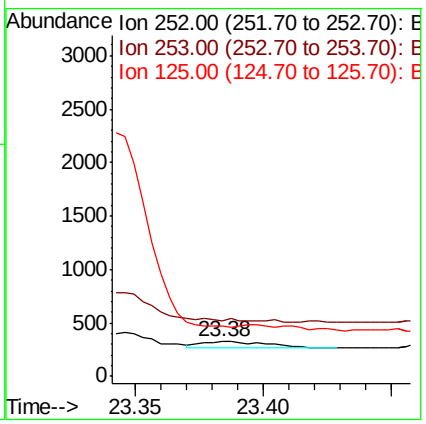


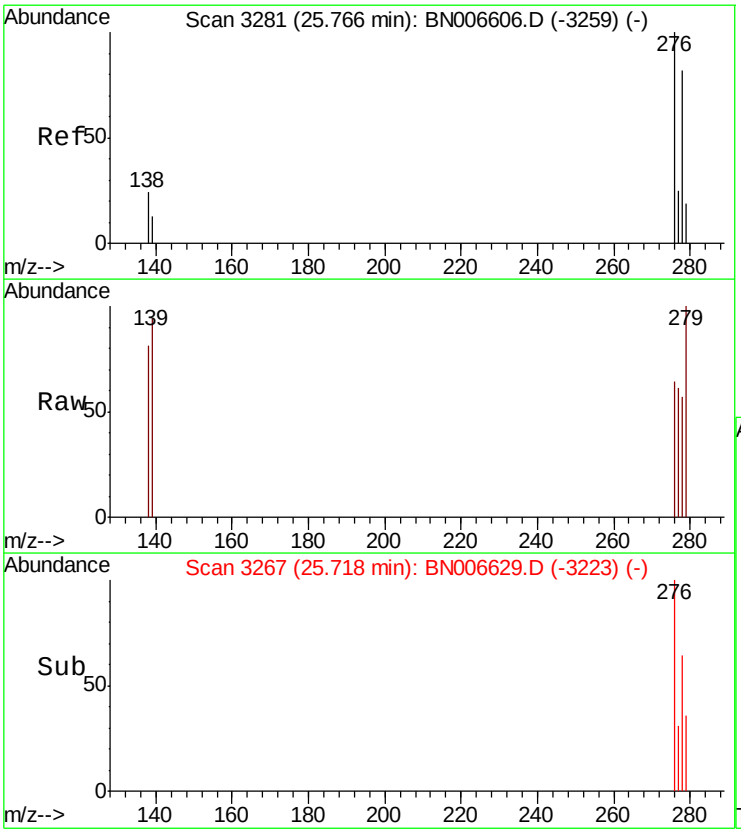
#37
Benzo(a)pyrene
Concen: 0.001 ng
RT: 23.38 min Scan# 2585
Delta R.T. -0.04 min
Lab File: BN006629.D
Acq: 29 Jun 2019 00:29

Instrument :
BNA_N
ClientSampleId :
MW-2

Tgt Ion:252 Resp: 116

Ion	Ratio	Lower	Upper
252	100		
253	160.1	18.8	28.2#
125	143.6	9.4	14.2#

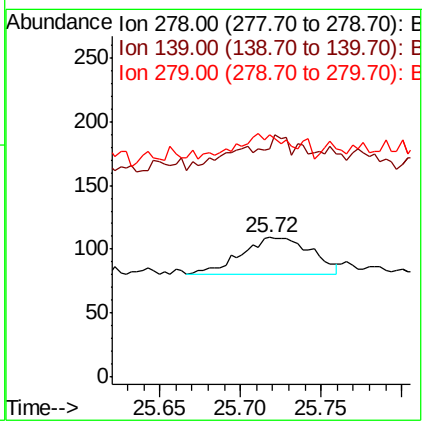


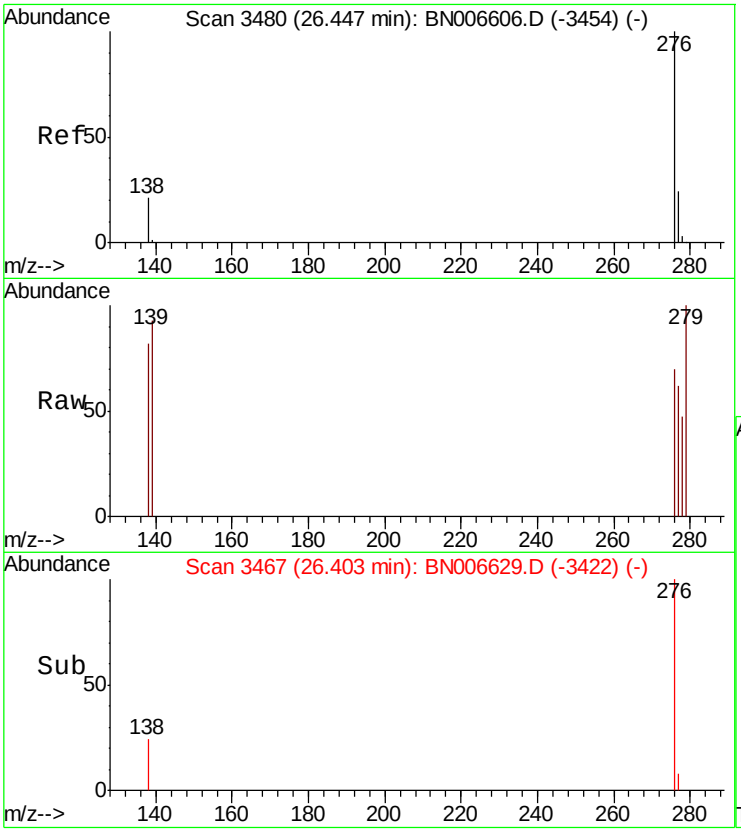


#38
Dibenzo(a,h)anthracene
Concen: 0.001 ng
RT: 25.72 min Scan# 3267
Delta R.T. -0.05 min
Lab File: BN006629.D
Acq: 29 Jun 2019 00:29

Tgt Ion:278 Resp: 87

Ion	Ratio	Lower	Upper
278	100		
139	164.2	13.5	20.3#
279	174.3	19.4	29.2#





#39
Benzo(g,h,i)perylene
Concen: 0.002 ng
RT: 26.40 min Scan# 3467
Delta R.T. -0.04 min
Lab File: BN006629.D
Acq: 29 Jun 2019 00:29

Instrument :
BNA_N
ClientSampleId :
MW-2

Tgt Ion:276 Resp: 125

Ion	Ratio	Lower	Upper
276	100		
277	89.1	19.6	29.4#
138	117.6	17.7	26.5#