Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN032919\
Data File : BN005029.D
Acq On : 29 Mar 2019 11:43
Operator : JU/SJ
Sample : K1825-05
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : PT-BN-WP

Quant Time: Mar 29 23:48:29 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN032819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 29 03:42:17 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	13263	0.40	ng		0.00
7) Naphthalene-d8	10.44	136	13481	0.40	ng		0.00
13) Acenaphthene-d10	14.30	164	7420	0.40	ng		0.00
19) Phenanthrene-d10	17.06	188	16181	0.40	ng		0.00
27) Chrysene-d12	21.26	240	16170	0.40	ng		0.00
34) Perylene-d12	23.49	264	13004	0.40	ng		-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.25	112	1307149	39.48	ng		0.00
5) Phenol-d6	6.84	99	1742411	44.44	ng		0.00
8) Nitrobenzene-d5	8.82	82	1046887	133.99	ng		-0.01
11) 2-Methylnaphthalene-d10	12.04	152	3	0.00	ng		0.00
14) 2,4,6-Tribromophenol	15.80	330	786008	188.86	ng		-0.01
15) 2-Fluorobiphenyl	12.92	172	2940313	104.95	ng		0.00
25) Fluoranthene-d10	19.09	212	23	0.00	ng		0.00
29) Terphenyl-d14	19.70	244	3802457	114.43	ng		0.00
Target Compounds							Qvalue
3) n-Nitrosodimethylamine	3.50	42	216004	24.818	ng	#	96
9) Naphthalene	10.49	128	2858752	84.357	ng		99
16) Acenaphthylene	14.02	152	3299541	94.206	ng		99
17) Acenaphthene	14.37	154	372561	16.751	ng		98
18) Fluorene	15.36	166	627	0.021	ng	#	1
20) 4-Bromophenyl-phenylether	16.25	248	652250	70.401	ng	#	90
22) Pentachlorophenol	16.73	266	67	0.122	ng	#	47
23) Phenanthrene	17.10	178	1858	0.041	ng		98
24) Anthracene	17.21	178	1024	0.025	ng		97
26) Fluoranthene	19.13	202	7475408	134.739	ng		97
28) Pyrene	19.46	202	44144	0.961	ng	#	1
30) Benzo(a)anthracene	21.25	228	6564637	143.973	ng		95
31) Chrysene	21.30	228	6074662	123.577	ng		94
32) Bis(2-ethylhexyl)phthalate	21.15	149	4678776	245.035	ng		94
35) Benzo(b)fluoranthene	22.82	252	834	0.020	ng	#	20
37) Benzo(a)pyrene	23.39	252	2387876	64.417	ng		95
39) Benzo(g,h,i)perylene	26.45	276	5645238	151.139	ng		99

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN032919\
Data File : BN005029.D
Acq On : 29 Mar 2019 11:43
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Sample : K1825-05
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PT-BN-WP

Quant Time: Mar 29 23:48:29 2019
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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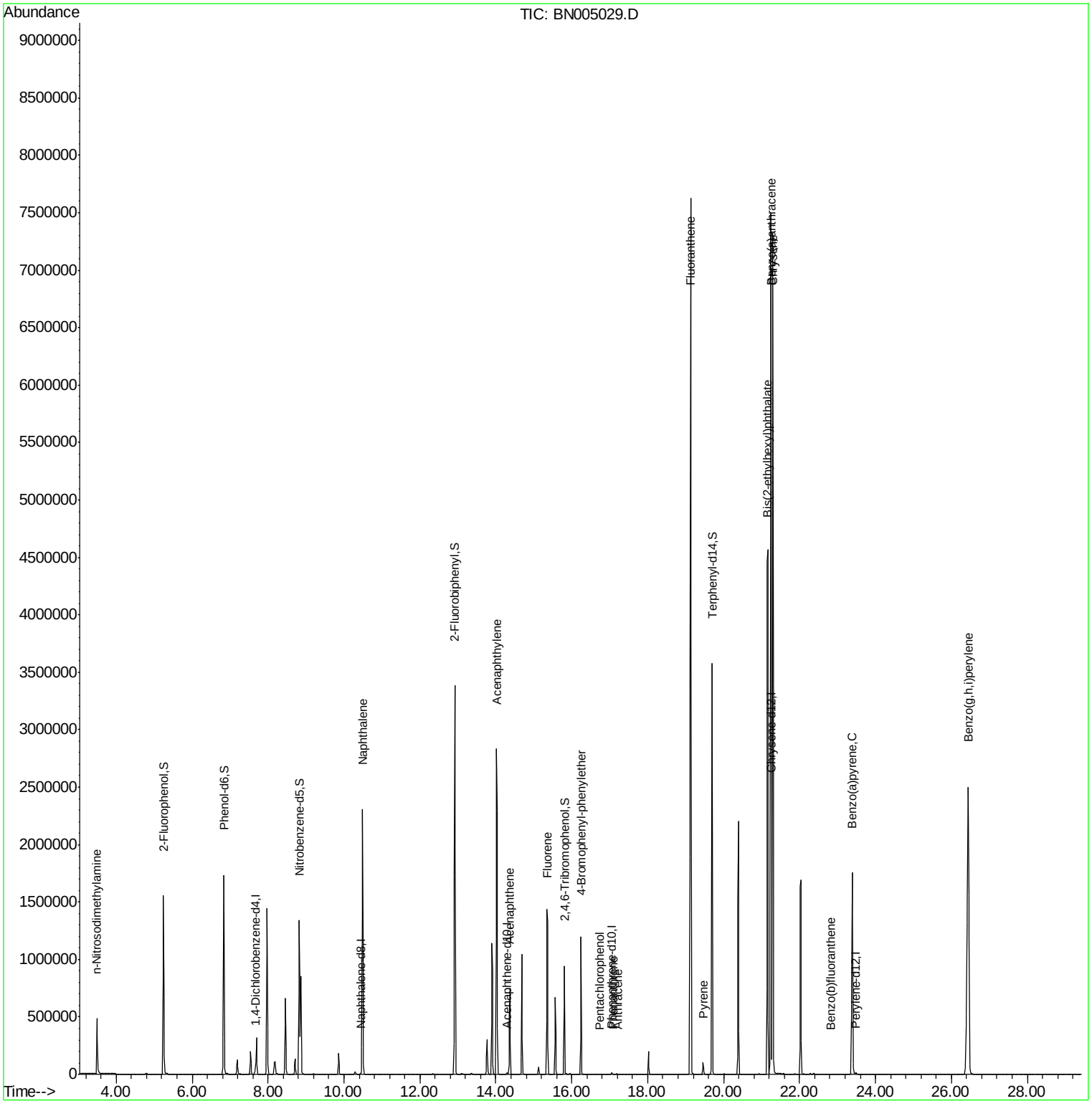
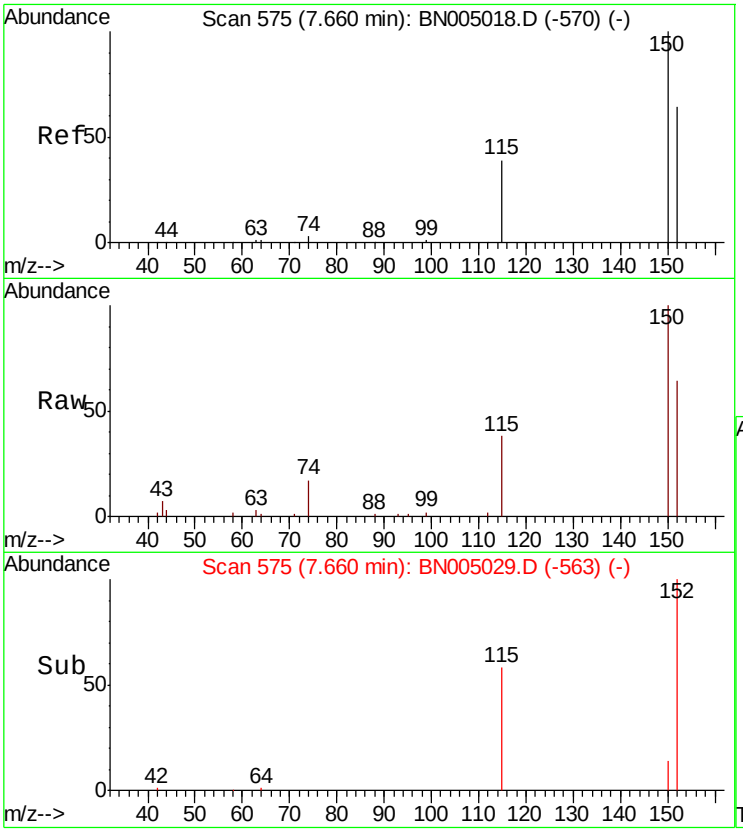


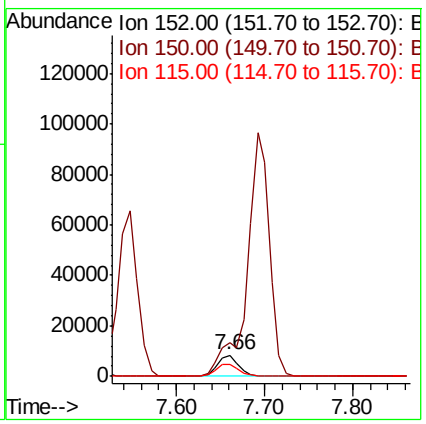


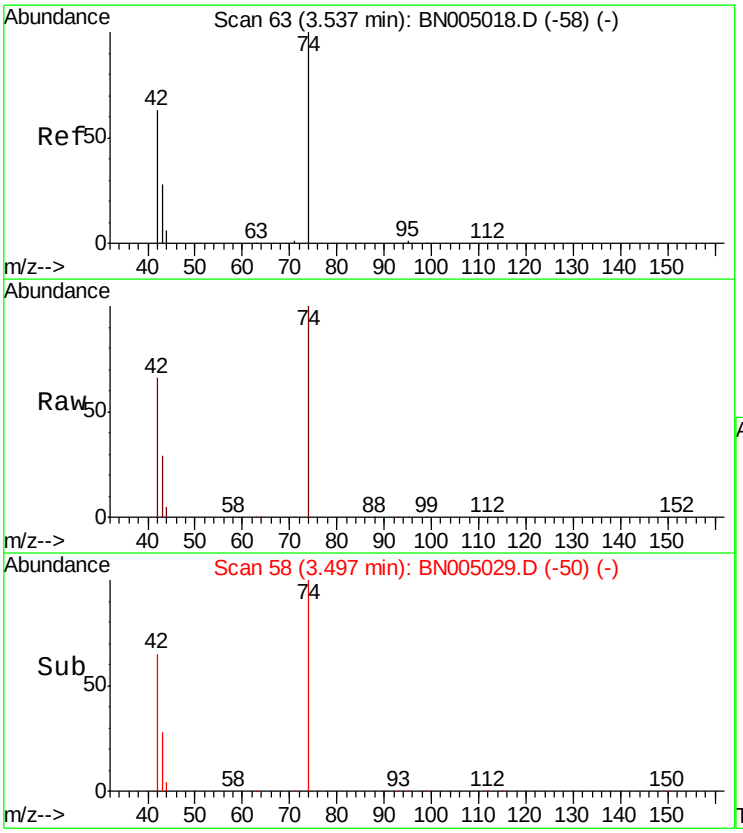
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.66 min Scan# 575
Delta R.T. -0.00 min
Lab File: BN005029.D
Acq: 29 Mar 2019 11:43

Instrument :
BNA_N
ClientSampleId :
PT-BN-WP

Tgt Ion:152 Resp: 13263

Ion	Ratio	Lower	Upper
152	100		
150	156.6	123.4	185.2
115	58.8	50.0	75.0

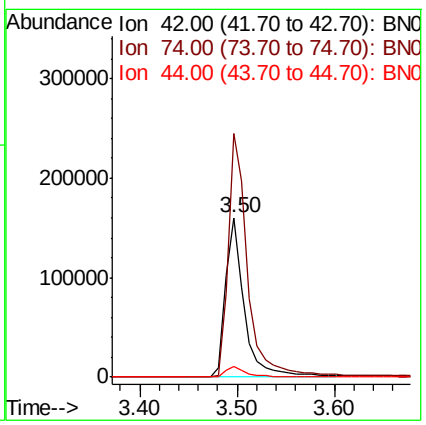


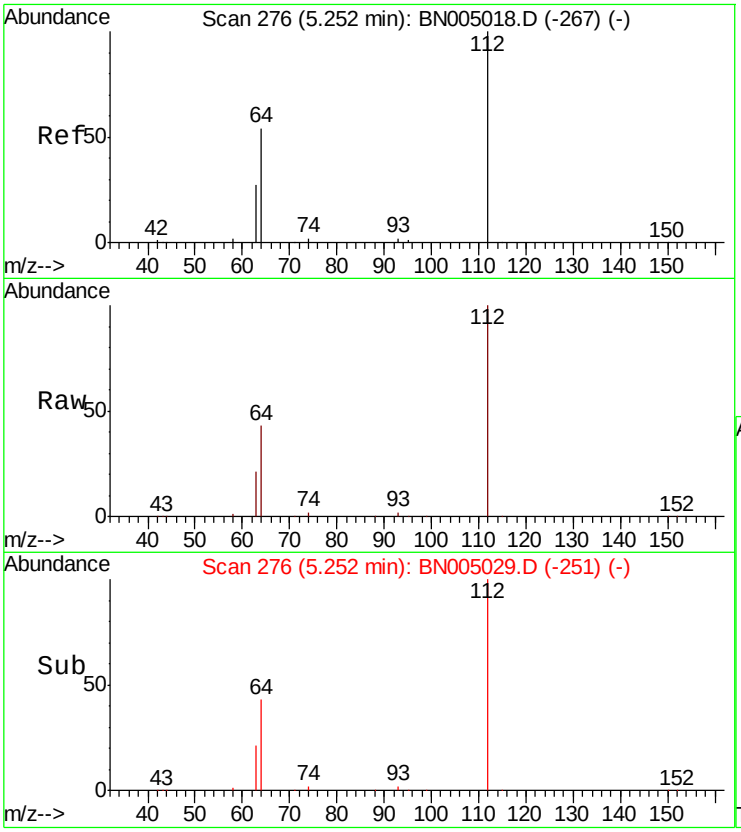


#3
n-Nitrosodimethylamine
Concen: 24.818 ng
RT: 3.50 min Scan# 58
Delta R.T. -0.04 min
Lab File: BN005029.D
Acq: 29 Mar 2019 11:43

Tgt Ion: 42 Resp: 216004

Ion	Ratio	Lower	Upper
42	100		
74	157.9	129.1	193.7
44	6.5	11.6	17.4#



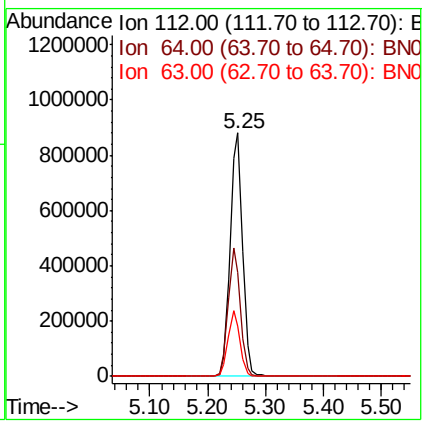


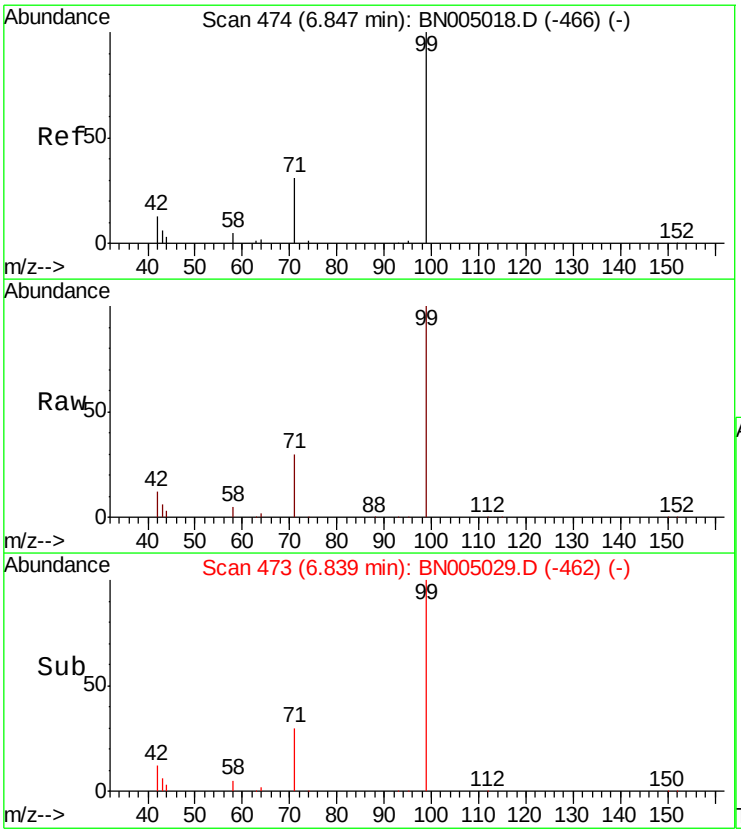
#4
2-Fluorophenol
Concen: 39.478 ng
RT: 5.25 min Scan# 276
Delta R.T. -0.00 min
Lab File: BN005029.D
Acq: 29 Mar 2019 11:43

Instrument :
BNA_N
ClientSampleId :
PT-BN-WP

Tgt Ion:112 Resp: 1307149

Ion	Ratio	Lower	Upper
112	100		
64	51.9	41.9	62.9
63	26.0	21.5	32.3

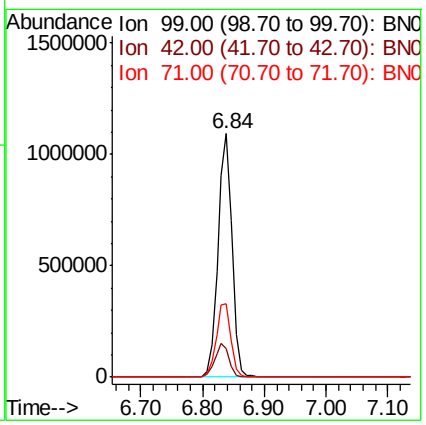


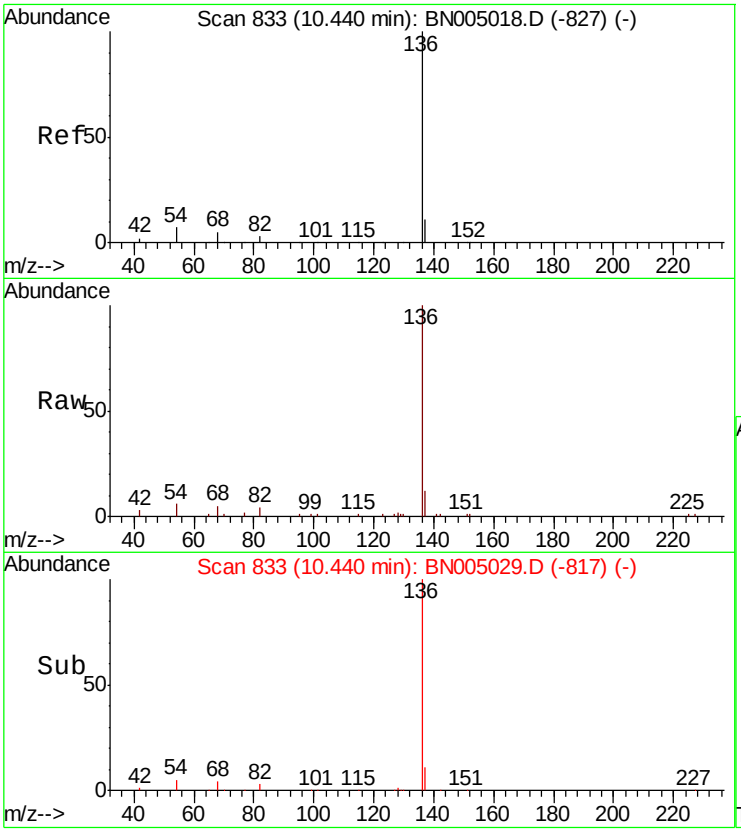


#5
Phenol-d6
Concen: 44.435 ng
RT: 6.84 min Scan# 473
Delta R.T. -0.01 min
Lab File: BN005029.D
Acq: 29 Mar 2019 11:43

Tgt Ion: 99 Resp: 1742411

Ion	Ratio	Lower	Upper
99	100		
42	14.3	12.2	18.2
71	32.0	26.1	39.1



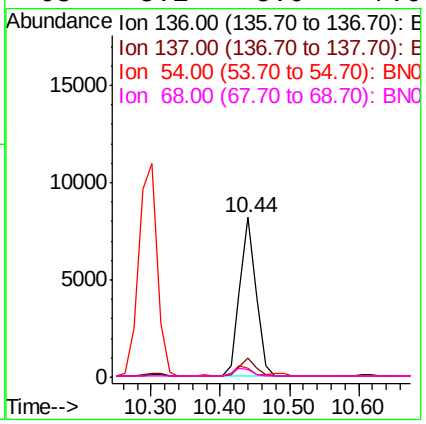


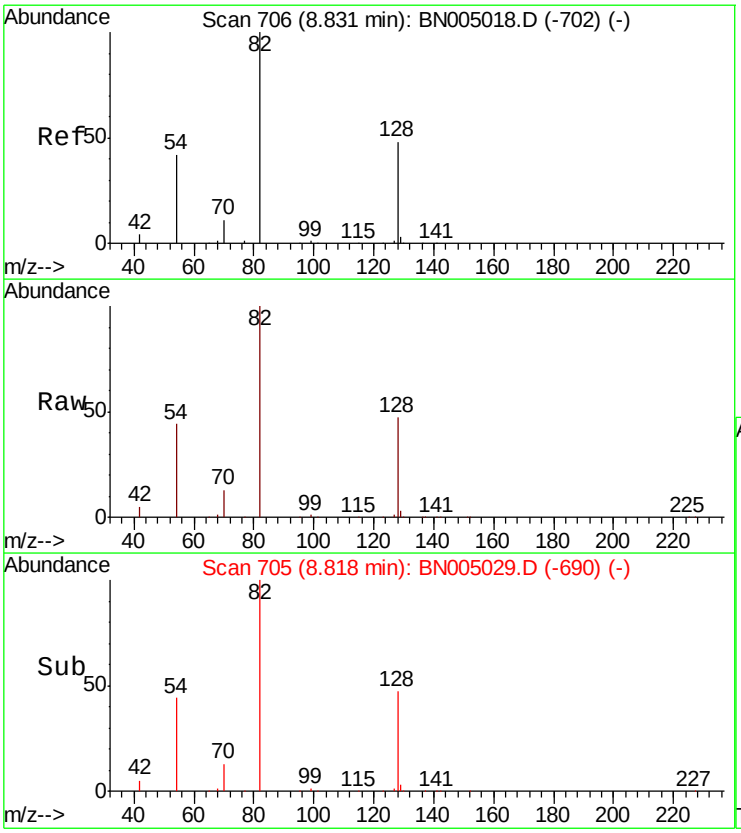
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.44 min Scan# 833
Delta R.T. -0.00 min
Lab File: BN005029.D
Acq: 29 Mar 2019 11:43

Instrument :
BNA_N
ClientSampleId :
PT-BN-WP

Tgt Ion:136 Resp: 13481

Ion	Ratio	Lower	Upper
136	100		
137	11.7	9.2	13.8
54	6.0	6.0	9.0
68	5.1	5.0	7.6

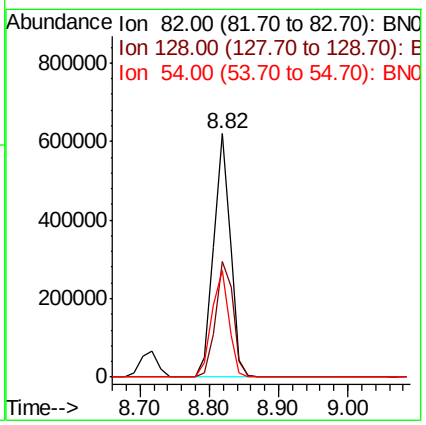


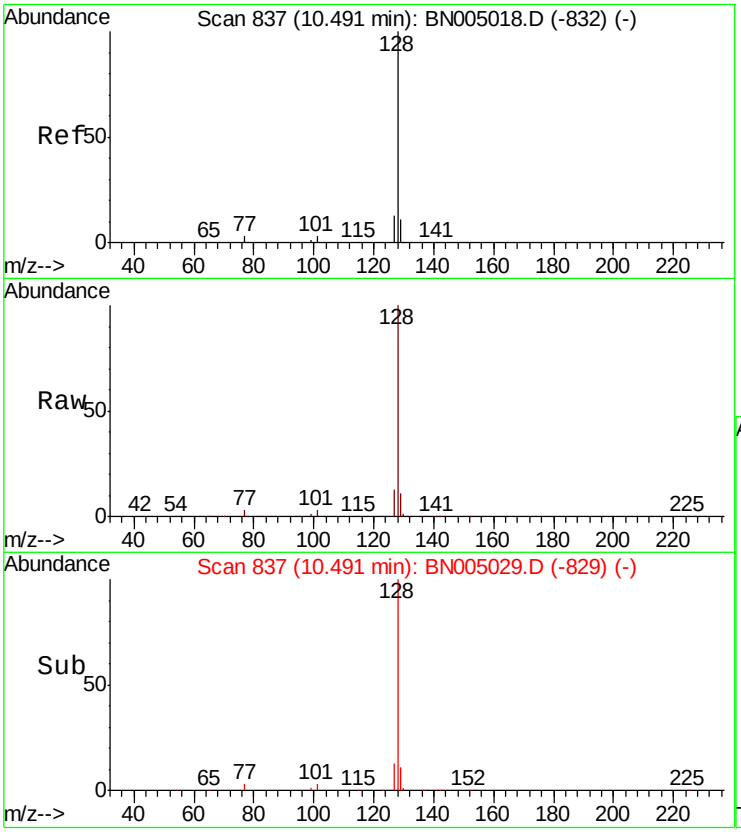


#8
Nitrobenzene-d5
Concen: 133.987 ng
RT: 8.82 min Scan# 705
Delta R.T. -0.01 min
Lab File: BN005029.D
Acq: 29 Mar 2019 11:43

Tgt Ion: 82 Resp: 1046887

Ion	Ratio	Lower	Upper
82	100		
128	47.4	40.5	60.7
54	44.0	35.7	53.5



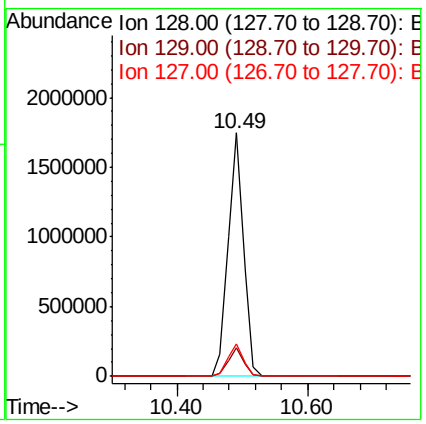


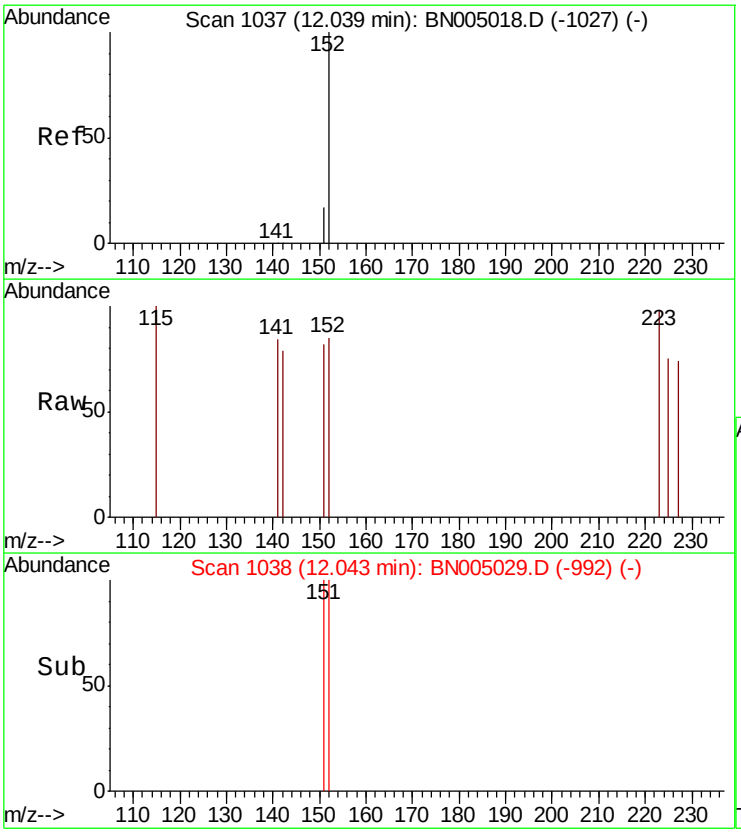
#9
Naphthalene
Concen: 84.357 ng
RT: 10.49 min Scan# 837
Delta R.T. -0.00 min
Lab File: BN005029.D
Acq: 29 Mar 2019 11:43

Instrument :
BNA_N
ClientSampleId :
PT-BN-WP

Tgt Ion:128 Resp: 2858752

Ion	Ratio	Lower	Upper
128	100		
129	11.5	9.4	14.2
127	13.3	11.0	16.6

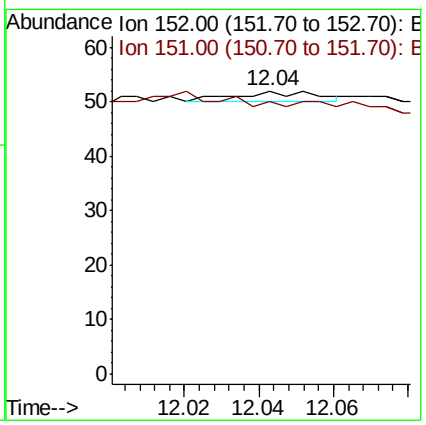


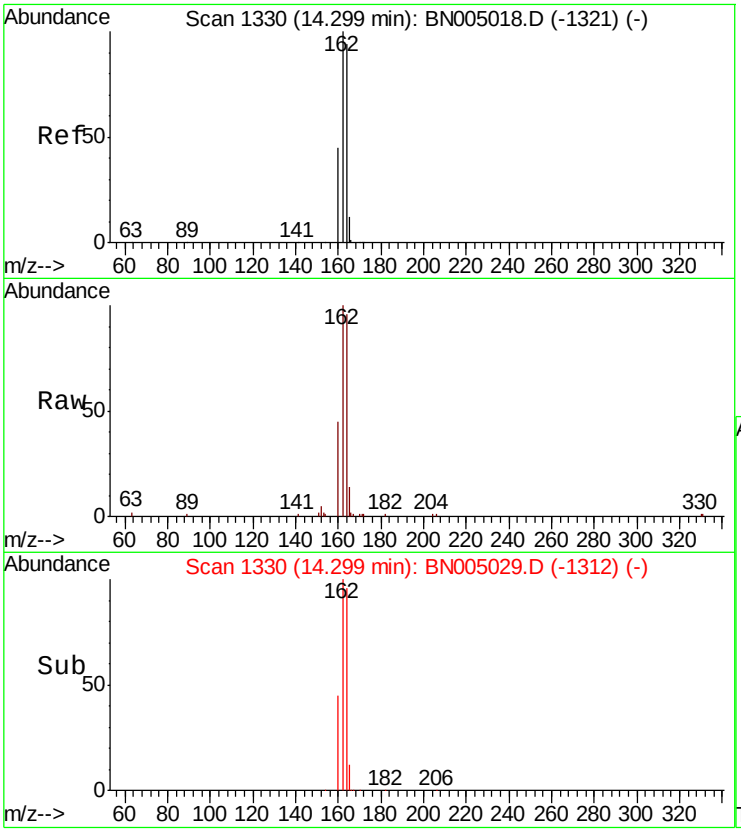


#11
2-Methylnaphthalene-d10
Concen: 0.000 ng
RT: 12.04 min Scan# 1038
Delta R.T. 0.00 min
Lab File: BN005029.D
Acq: 29 Mar 2019 11:43

Tgt Ion:152 Resp: 3

Ion	Ratio	Lower	Upper
152	100		
151	0.0	15.3	22.9#



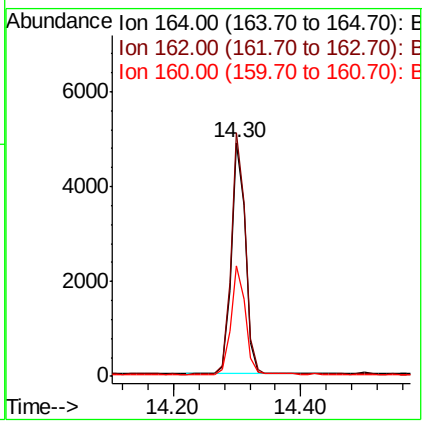


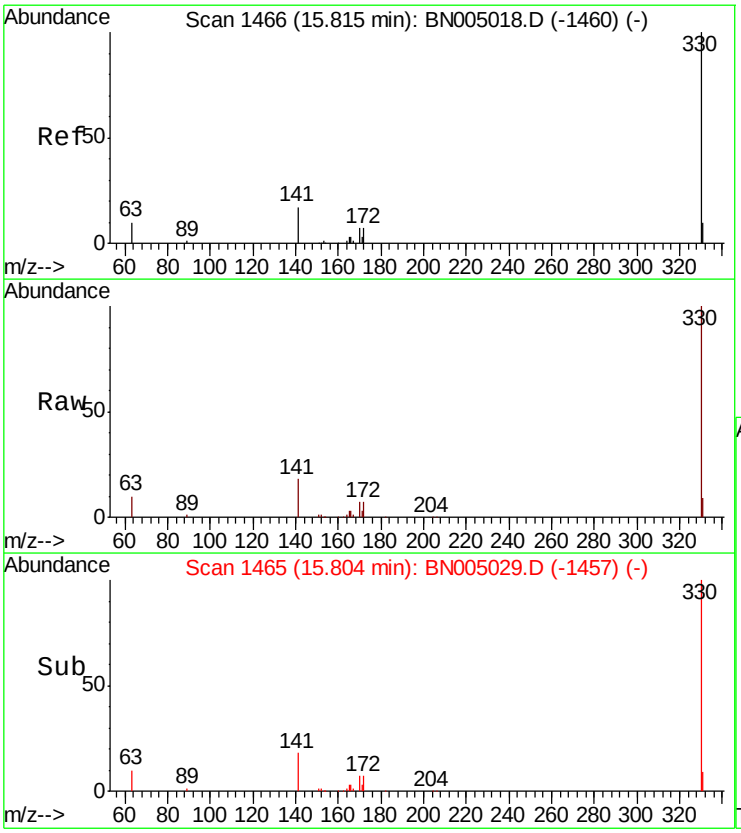
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.30 min Scan# 1330
Delta R.T. -0.00 min
Lab File: BN005029.D
Acq: 29 Mar 2019 11:43

Instrument :
BNA_N
ClientSampleId :
PT-BN-WP

Tgt Ion:164 Resp: 7420

Ion	Ratio	Lower	Upper
164	100		
162	104.1	85.3	127.9
160	47.3	39.2	58.8

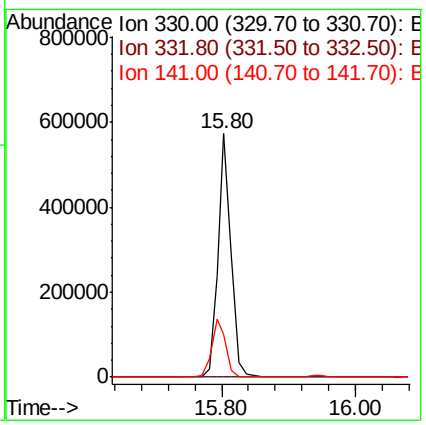


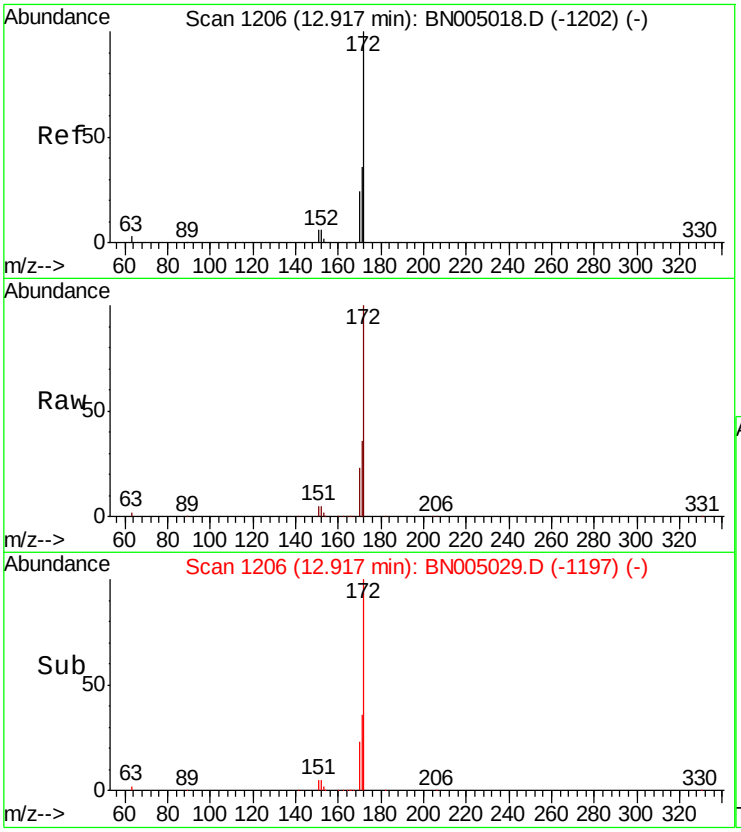


#14
2,4,6-Tribromophenol
Concen: 188.861 ng
RT: 15.80 min Scan# 1465
Delta R.T. -0.01 min
Lab File: BN005029.D
Acq: 29 Mar 2019 11:43

Tgt Ion:330 Resp: 786008

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	25.9	21.3	31.9



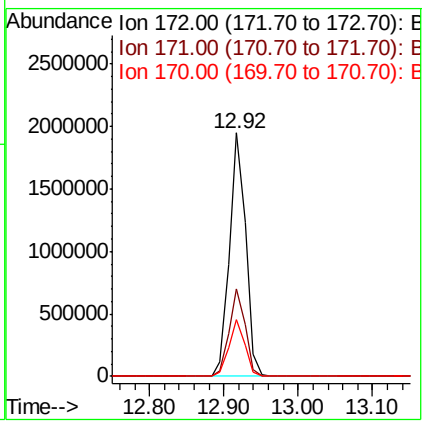


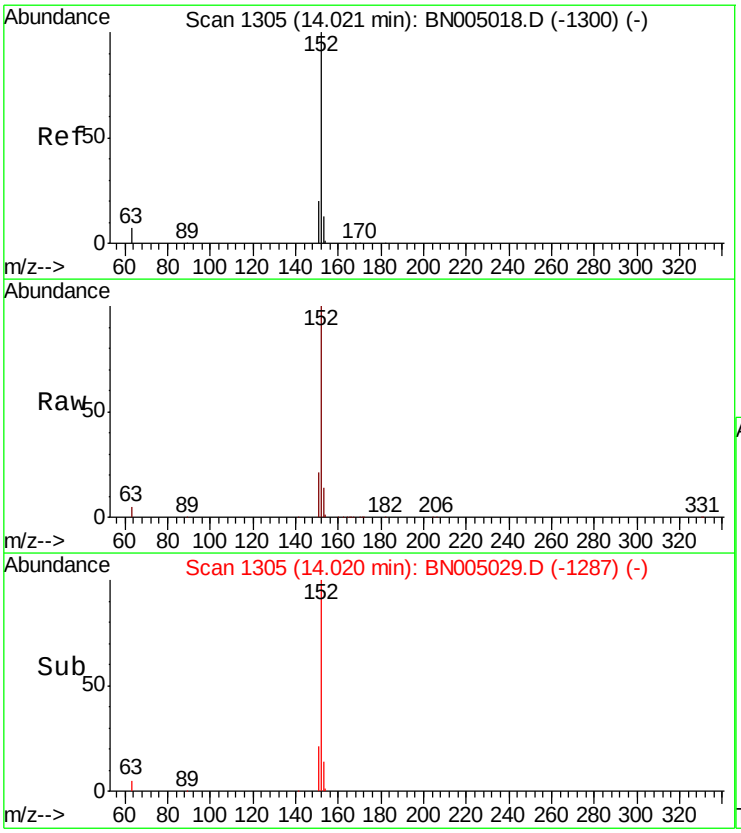
#15
2-Fluorobiphenyl
Concen: 104.955 ng
RT: 12.92 min Scan# 1206
Delta R.T. -0.00 min
Lab File: BN005029.D
Acq: 29 Mar 2019 11:43

Instrument :
BNA_N
ClientSampleId :
PT-BN-WP

Tgt Ion:172 Resp: 2940313

Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.4	44.0
170	23.3	20.0	30.0

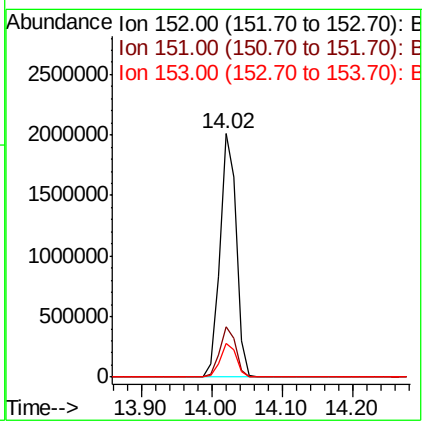


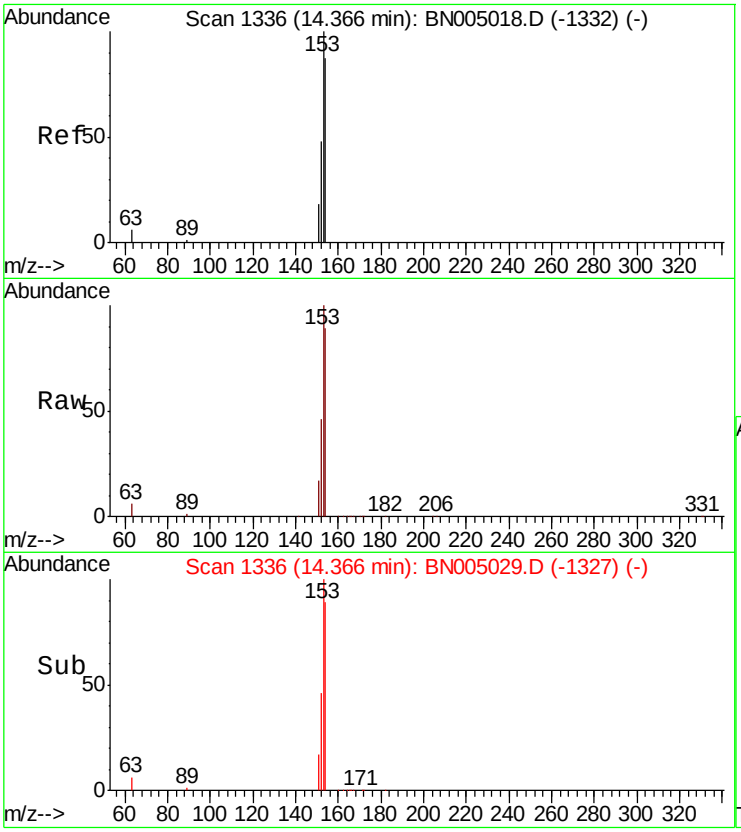


#16
Acenaphthylene
Concen: 94.206 ng
RT: 14.02 min Scan# 1305
Delta R.T. -0.00 min
Lab File: BN005029.D
Acq: 29 Mar 2019 11:43

Tgt Ion:152 Resp: 3299541

Ion	Ratio	Lower	Upper
152	100		
151	20.2	15.8	23.6
153	13.7	10.6	15.8



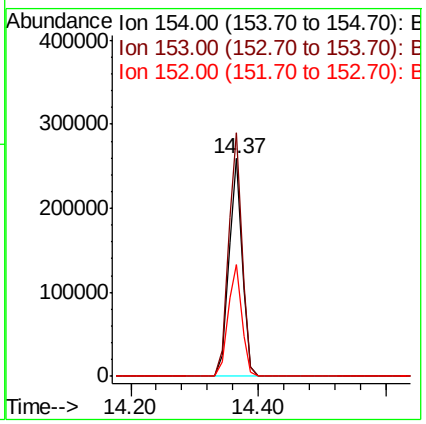


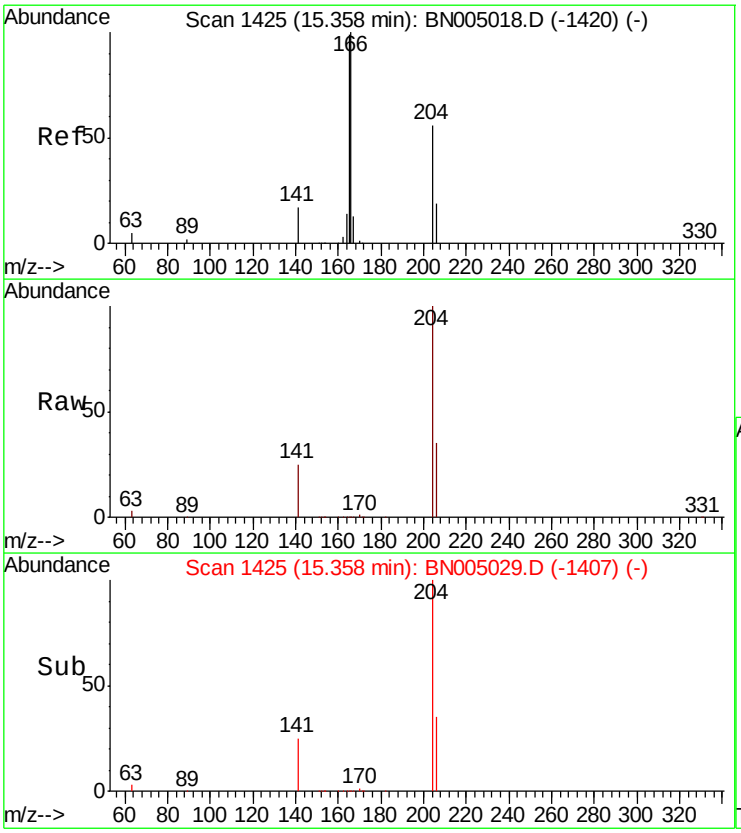
#17
Acenaphthene
Concen: 16.751 ng
RT: 14.37 min Scan# 1336
Delta R.T. -0.00 min
Lab File: BN005029.D
Acq: 29 Mar 2019 11:43

Instrument :
BNA_N
ClientSampleId :
PT-BN-WP

Tgt Ion:154 Resp: 372561

Ion	Ratio	Lower	Upper
154	100		
153	113.4	92.1	138.1
152	53.1	44.2	66.2

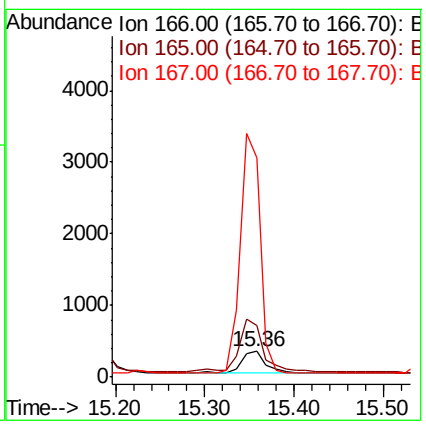


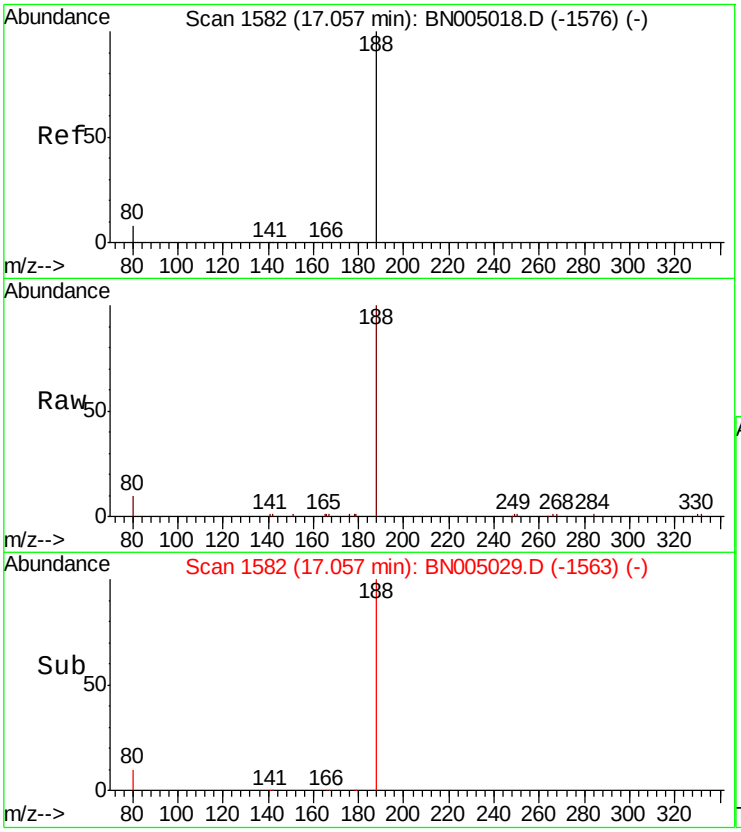


#18
Fluorene
Concen: 0.021 ng
RT: 15.36 min Scan# 1425
Delta R.T. -0.00 min
Lab File: BN005029.D
Acq: 29 Mar 2019 11:43

Tgt Ion:166 Resp: 627

Ion	Ratio	Lower	Upper
166	100		
165	221.4	78.7	118.1#
167	831.7	10.9	16.3#



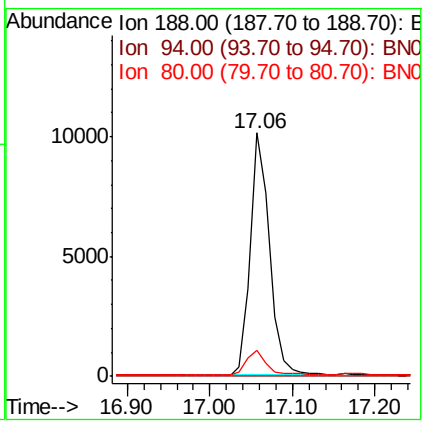


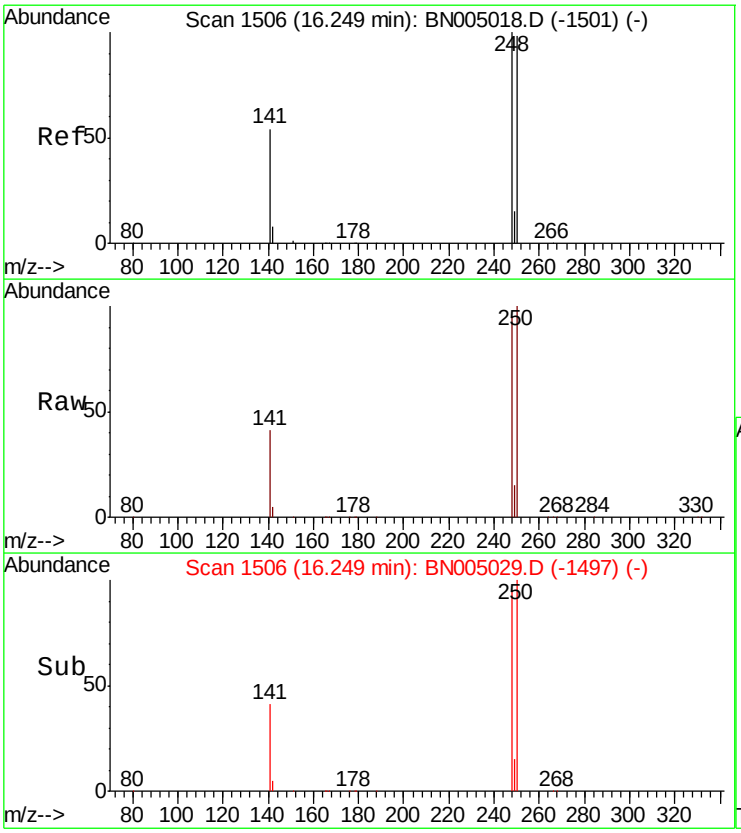
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.06 min Scan# 1582
Delta R.T. -0.00 min
Lab File: BN005029.D
Acq: 29 Mar 2019 11:43

Instrument :
BNA_N
ClientSampleId :
PT-BN-WP

Tgt Ion:188 Resp: 16181

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	10.5	6.9	10.3#

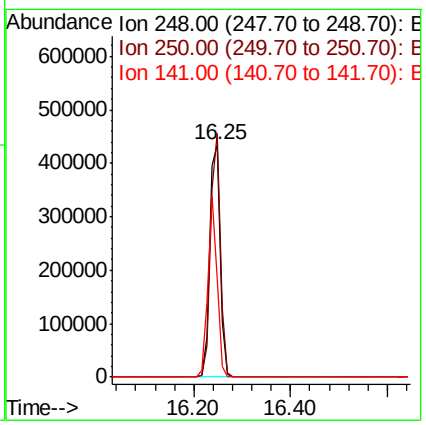


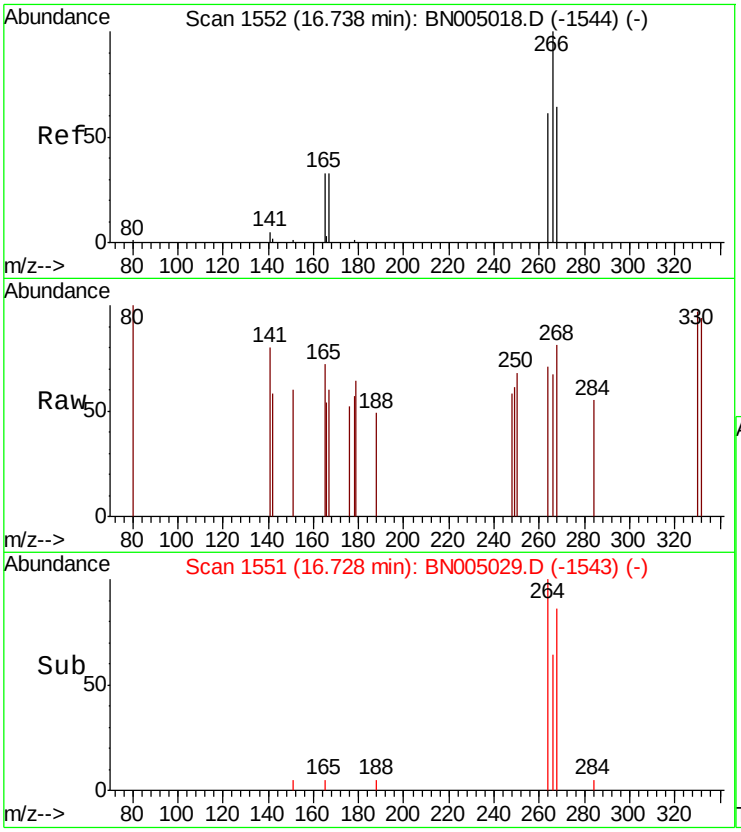


#20
4-Bromophenyl-phenylether
Concen: 70.401 ng
RT: 16.25 min Scan# 1506
Delta R.T. -0.00 min
Lab File: BN005029.D
Acq: 29 Mar 2019 11:43

Tgt Ion:248 Resp: 652250

Ion	Ratio	Lower	Upper
248	100		
250	104.7	78.6	117.8
141	42.6	43.6	65.4#



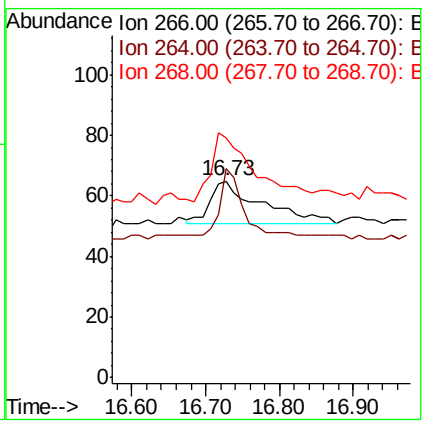


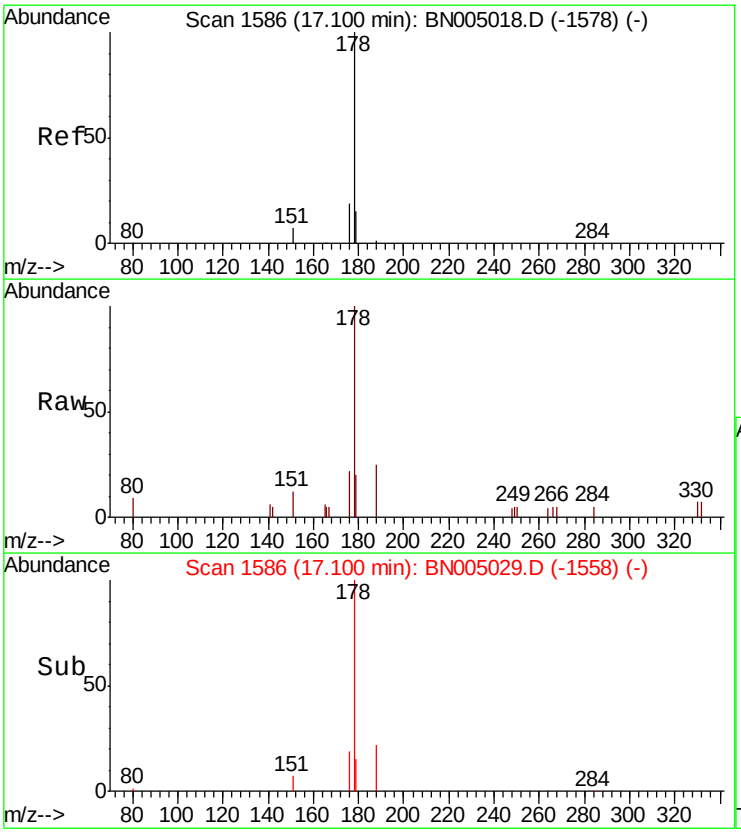
#22
Pentachlorophenol
Concen: 0.122 ng
RT: 16.73 min Scan# 1551
Delta R.T. -0.01 min
Lab File: BN005029.D
Acq: 29 Mar 2019 11:43

Instrument :
BNA_N
ClientSampleId :
PT-BN-WP

Tgt Ion:266 Resp: 67

Ion	Ratio	Lower	Upper
266	100		
264	106.2	53.4	80.0#
268	121.5	58.9	88.3#

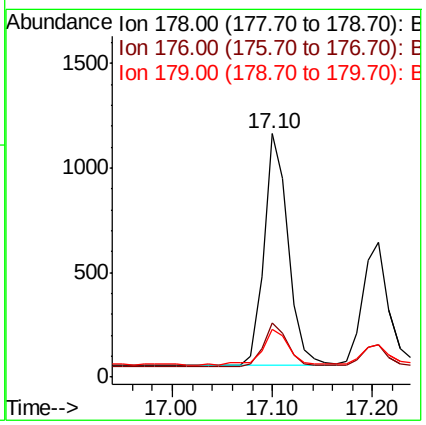


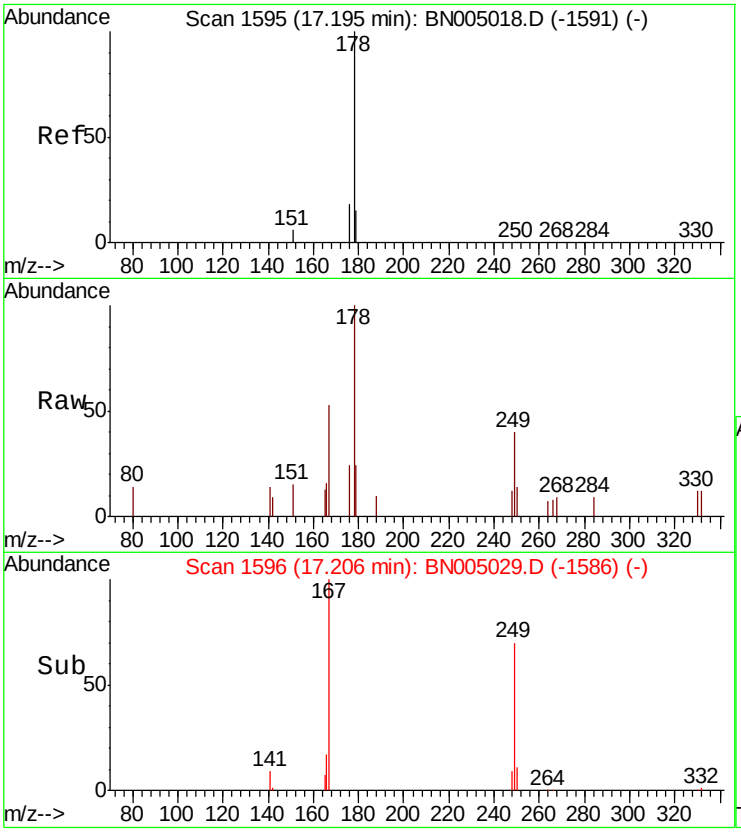


#23
Phenanthrene
Concen: 0.041 ng
RT: 17.10 min Scan# 1586
Delta R.T. -0.00 min
Lab File: BN005029.D
Acq: 29 Mar 2019 11:43

Tgt Ion:178 Resp: 1858

Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.1	22.7
179	16.6	12.2	18.2



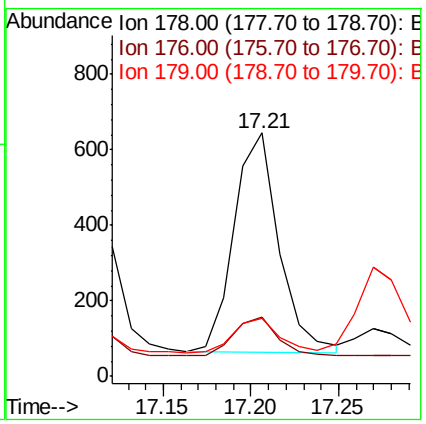


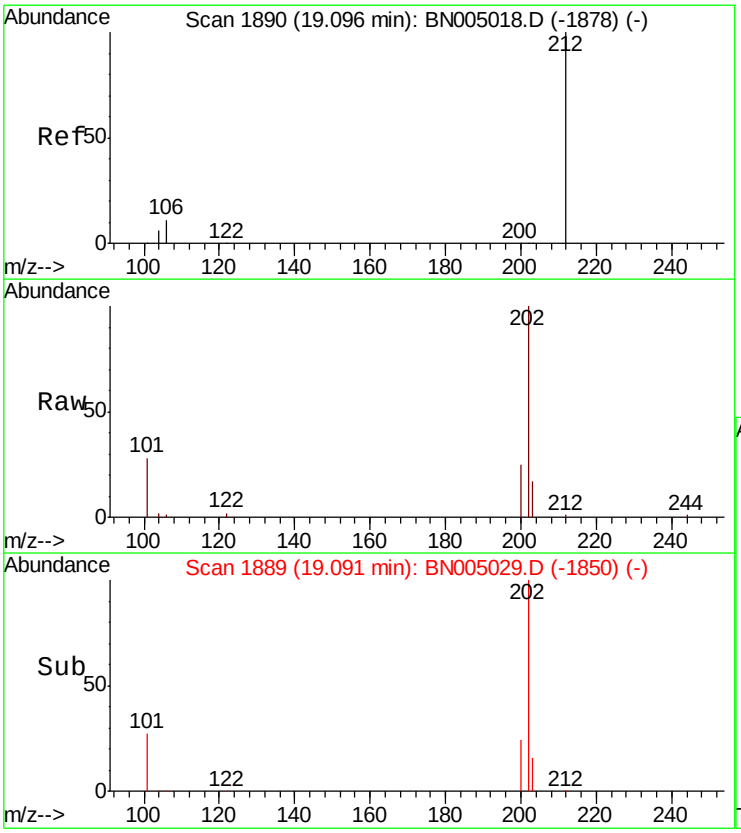
#24
Anthracene
Concen: 0.025 ng
RT: 17.21 min Scan# 1596
Delta R.T. 0.01 min
Lab File: BN005029.D
Acq: 29 Mar 2019 11:43

Instrument :
BNA_N
ClientSampleId :
PT-BN-WP

Tgt Ion:178 Resp: 1024

Ion	Ratio	Lower	Upper
178	100		
176	19.8	14.6	22.0
179	16.1	12.3	18.5

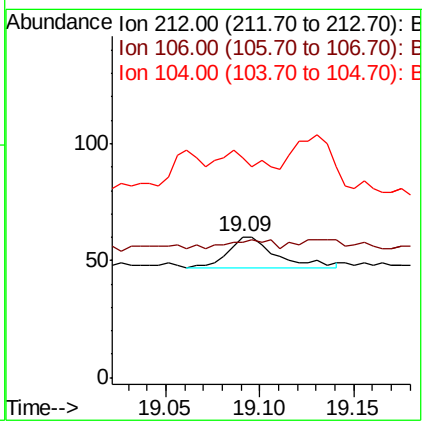


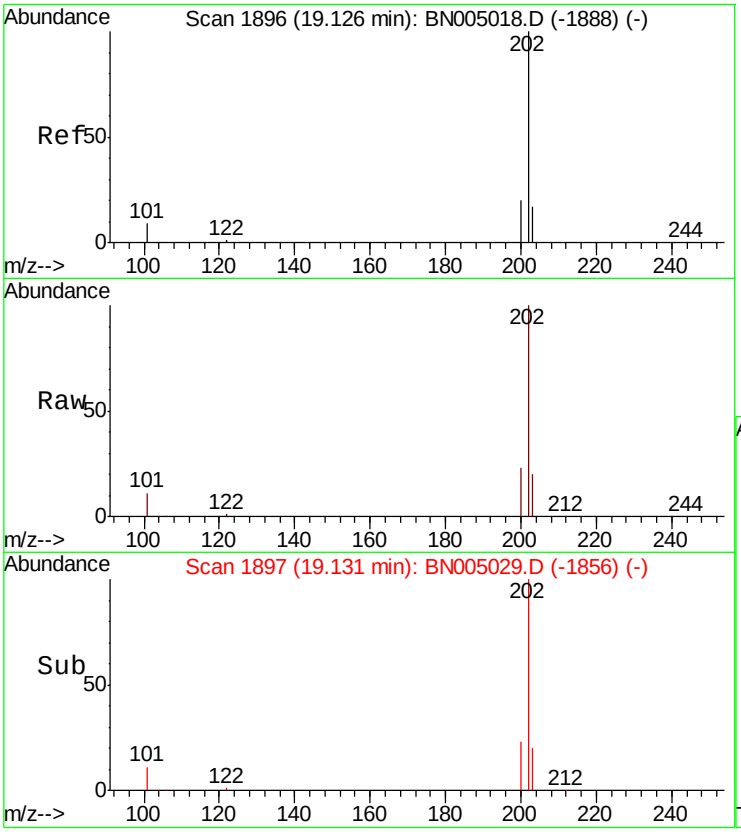


#25
Fluoranthene-d10
Concen: 0.000 ng
RT: 19.09 min Scan# 1889
Delta R.T. -0.01 min
Lab File: BN005029.D
Acq: 29 Mar 2019 11:43

Tgt Ion:212 Resp: 23

Ion	Ratio	Lower	Upper
212	100		
106	26.1	9.4	14.2#
104	134.8	5.4	8.0#



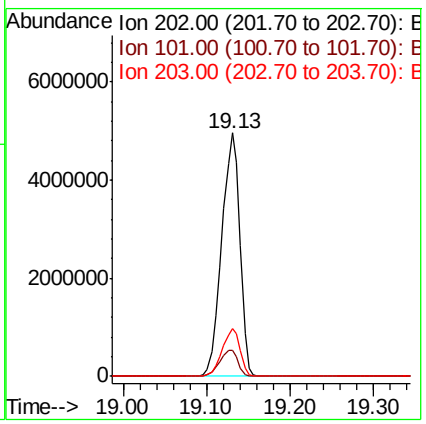


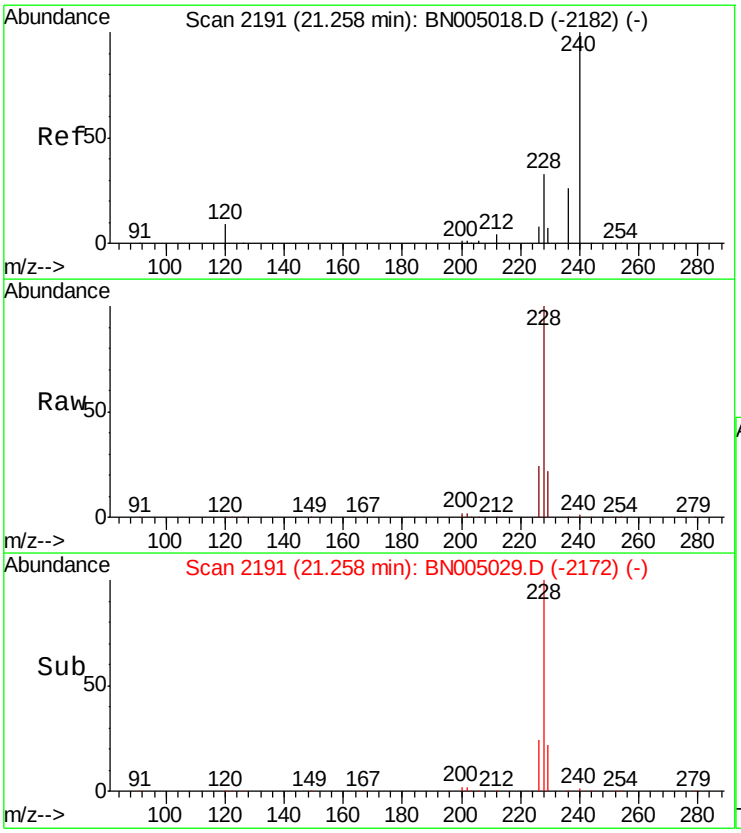
#26
Fluoranthene
Concen: 134.739 ng
RT: 19.13 min Scan# 1897
Delta R.T. 0.00 min
Lab File: BN005029.D
Acq: 29 Mar 2019 11:43

Instrument :
BNA_N
ClientSampleId :
PT-BN-WP

Tgt Ion:202 Resp: 7475408

Ion	Ratio	Lower	Upper
202	100		
101	10.8	8.2	12.2
203	19.1	13.8	20.8

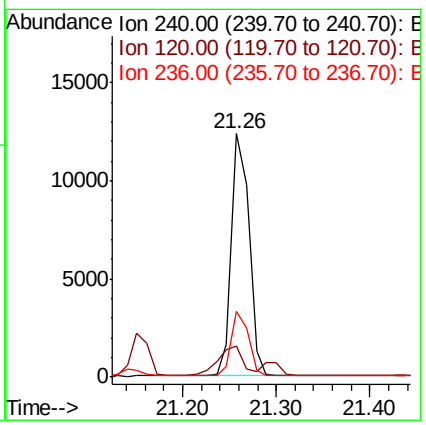


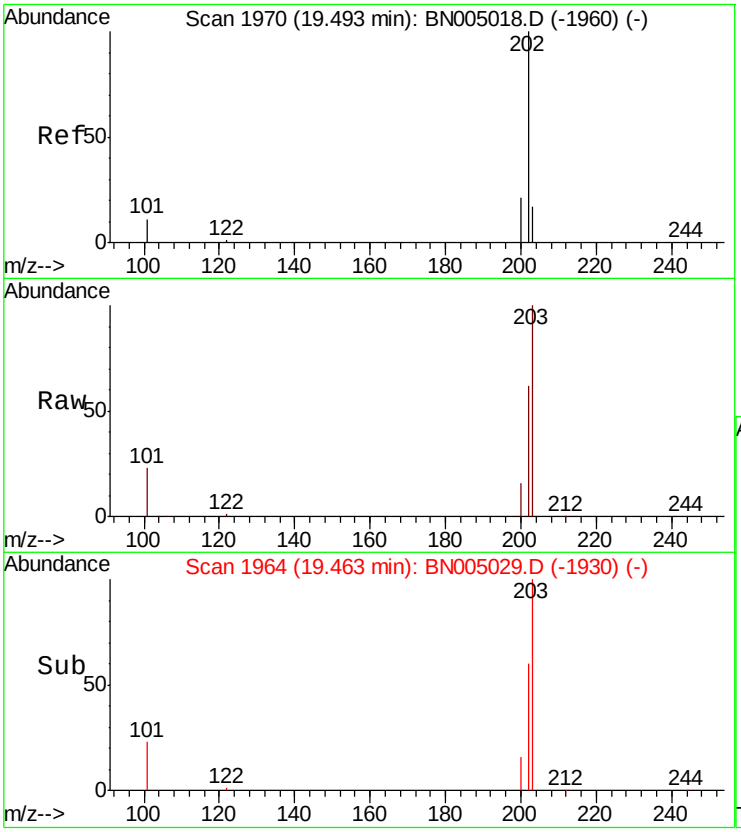


#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.26 min Scan# 2191
Delta R.T. -0.00 min
Lab File: BN005029.D
Acq: 29 Mar 2019 11:43

Tgt Ion:240 Resp: 16170

Ion	Ratio	Lower	Upper
240	100		
120	12.6	7.4	11.0#
236	27.0	21.0	31.6



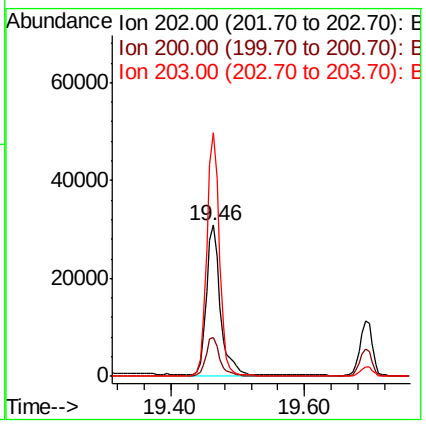


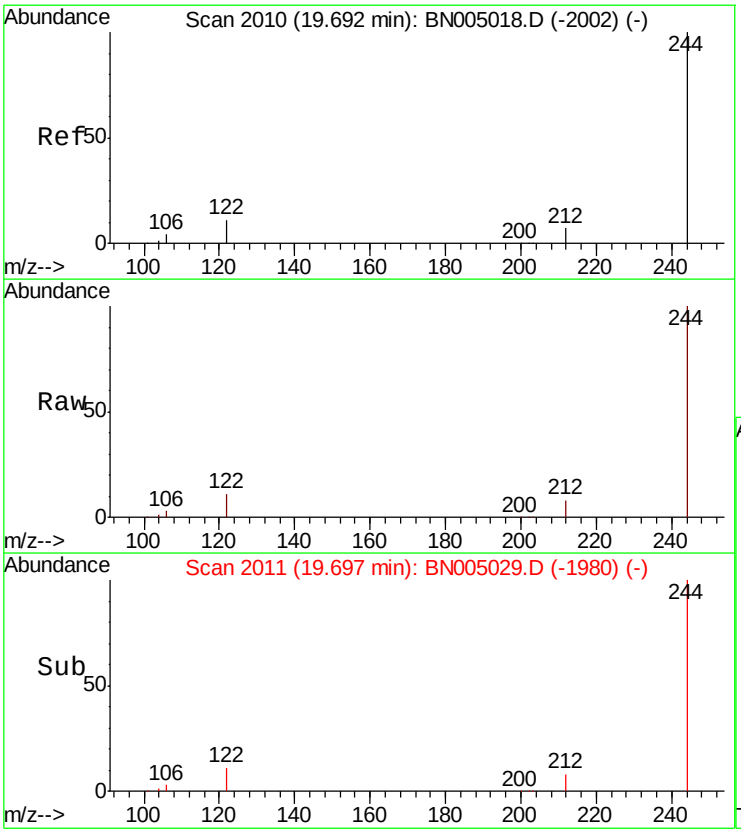
#28
Pyrene
Concen: 0.961 ng
RT: 19.46 min Scan# 1964
Delta R.T. -0.03 min
Lab File: BN005029.D
Acq: 29 Mar 2019 11:43

Instrument :
BNA_N
ClientSampleId :
PT-BN-WP

Tgt Ion:202 Resp: 44144

Ion	Ratio	Lower	Upper
202	100		
200	25.3	16.5	24.7#
203	145.2	13.9	20.9#

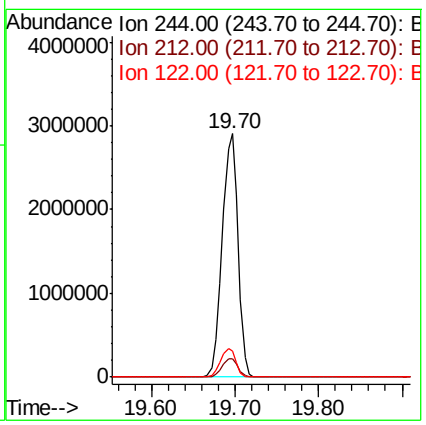


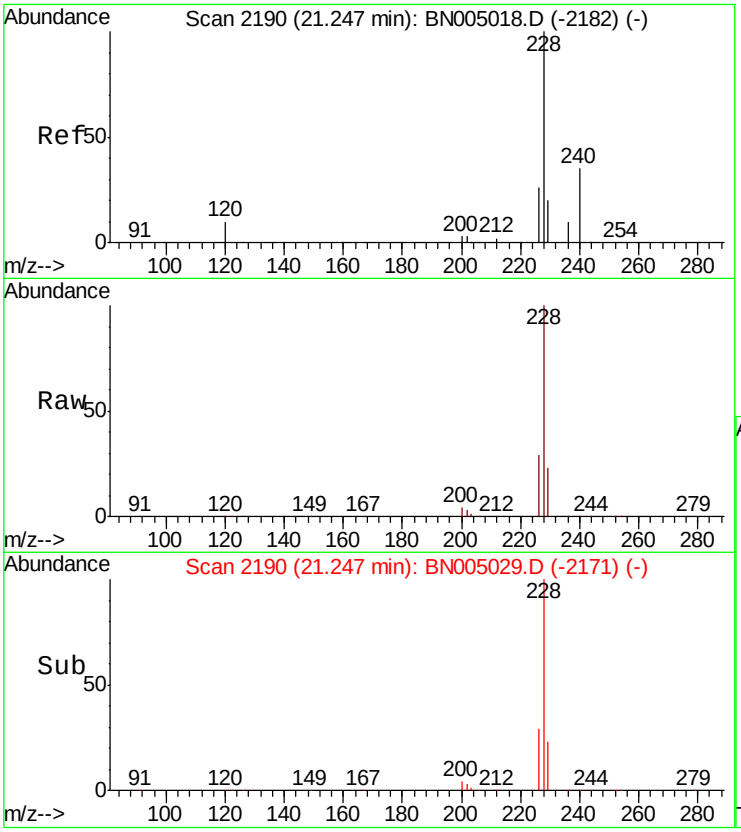


#29
Terphenyl-d14
Concen: 114.432 ng
RT: 19.70 min Scan# 2011
Delta R.T. 0.00 min
Lab File: BN005029.D
Acq: 29 Mar 2019 11:43

Tgt Ion:244 Resp: 3802457

Ion	Ratio	Lower	Upper
244	100		
212	7.8	5.9	8.9
122	10.6	9.0	13.4



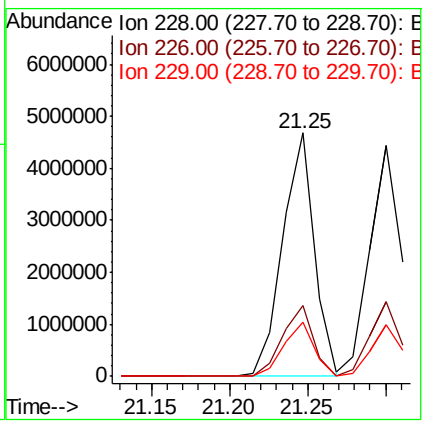


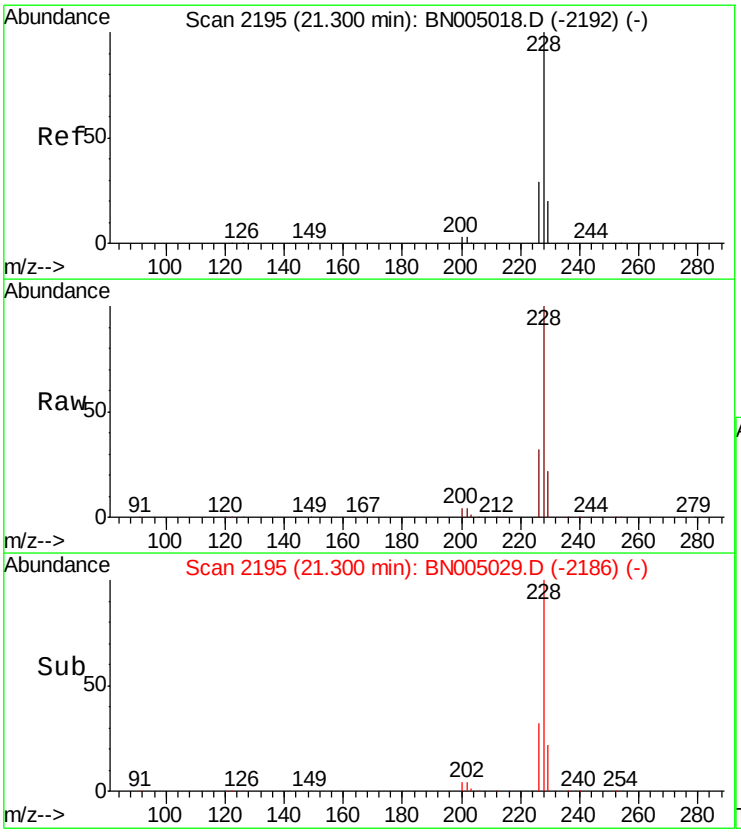
#30
Benzo(a)anthracene
Concen: 143.973 ng
RT: 21.25 min Scan# 2190
Delta R.T. -0.00 min
Lab File: BN005029.D
Acq: 29 Mar 2019 11:43

Instrument :
BNA_N
ClientSampleId :
PT-BN-WP

Tgt Ion:228 Resp: 6564637

Ion	Ratio	Lower	Upper
228	100		
226	29.0	20.9	31.3
229	22.5	16.2	24.2

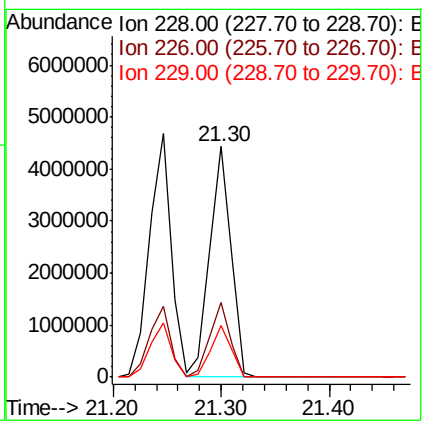


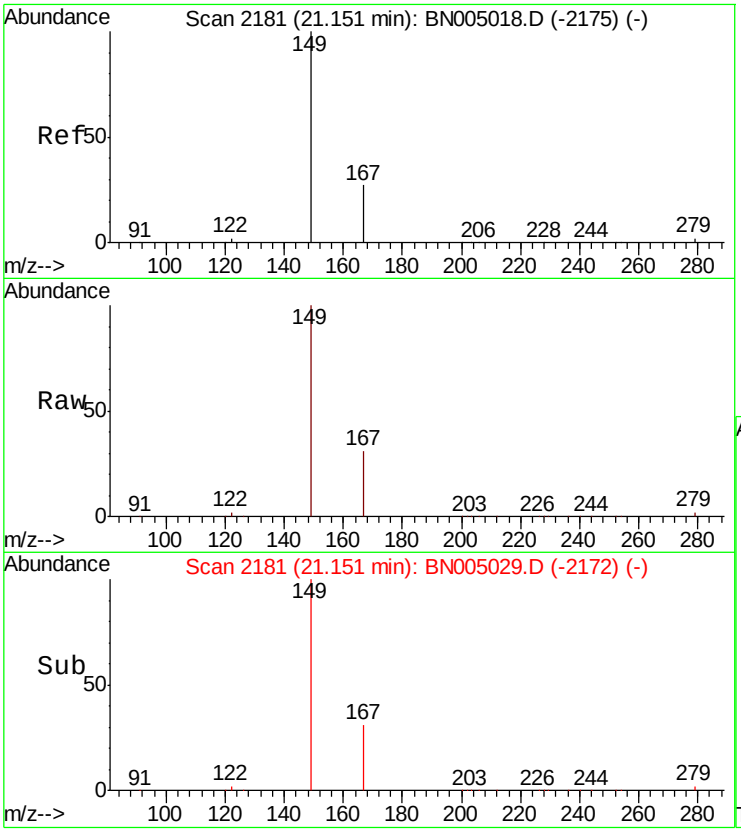


#31
Chrysene
Concen: 123.577 ng
RT: 21.30 min Scan# 2195
Delta R.T. -0.00 min
Lab File: BN005029.D
Acq: 29 Mar 2019 11:43

Tgt Ion:228 Resp: 6074662

Ion	Ratio	Lower	Upper
228	100		
226	32.2	22.8	34.2
229	22.3	16.2	24.4



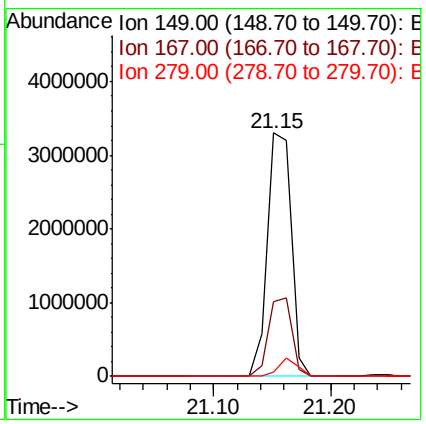


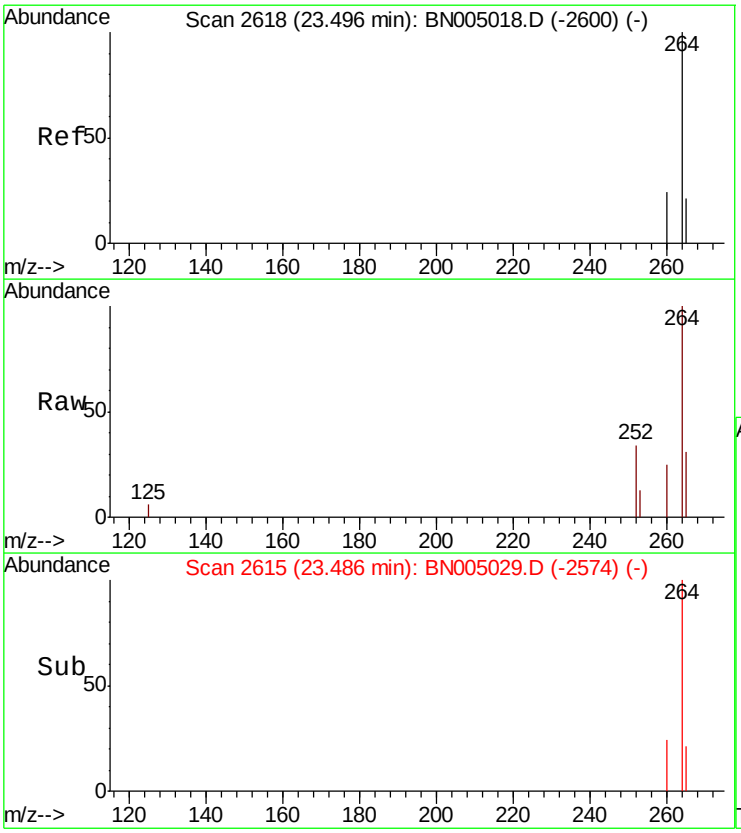
#32
Bis(2-ethylhexyl)phthalate
Concen: 245.035 ng
RT: 21.15 min Scan# 2181
Delta R.T. -0.00 min
Lab File: BN005029.D
Acq: 29 Mar 2019 11:43

Instrument :
BNA_N
ClientSampleId :
PT-BN-WP

Tgt Ion:149 Resp: 4678776

Ion	Ratio	Lower	Upper
149	100		
167	31.5	22.2	33.4
279	6.2	4.2	6.4

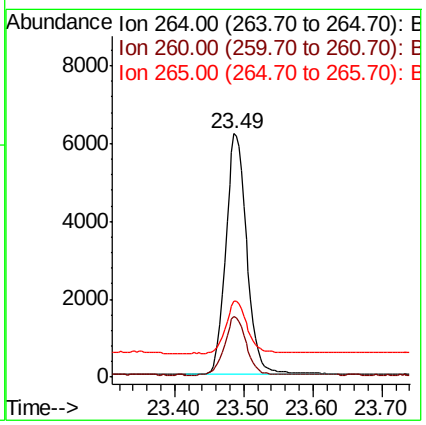


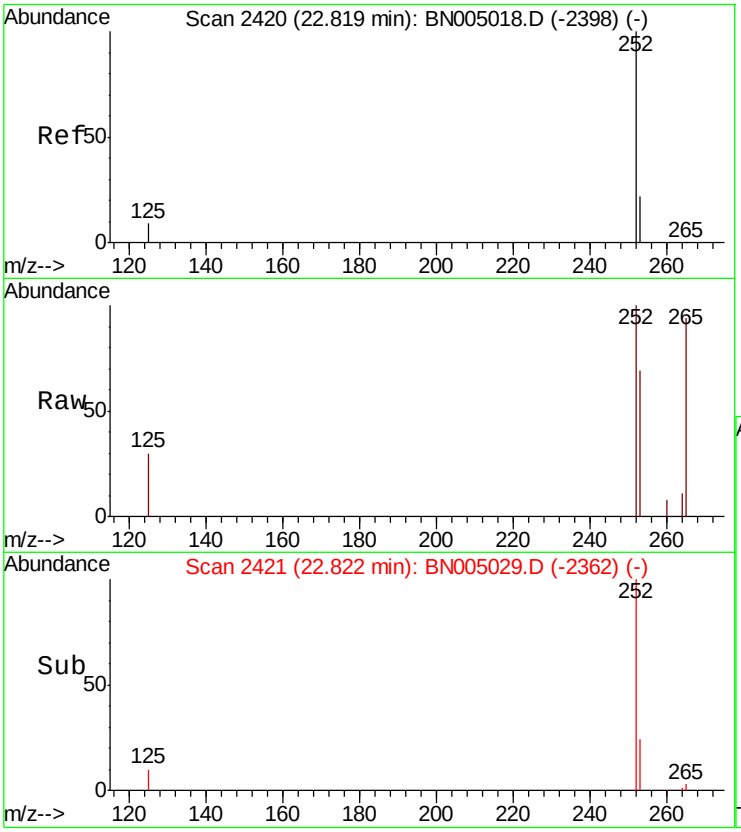


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.49 min Scan# 2615
Delta R.T. -0.01 min
Lab File: BN005029.D
Acq: 29 Mar 2019 11:43

Tgt Ion:264 Resp: 13004

Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.4	29.0
265	31.2	22.5	33.7



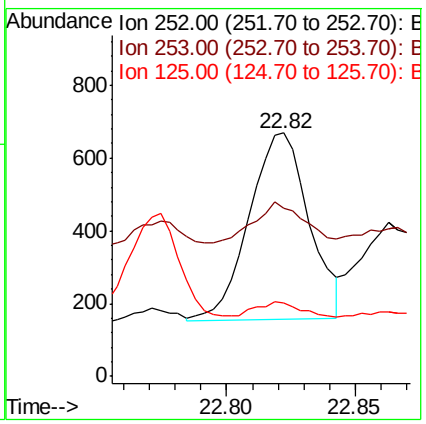


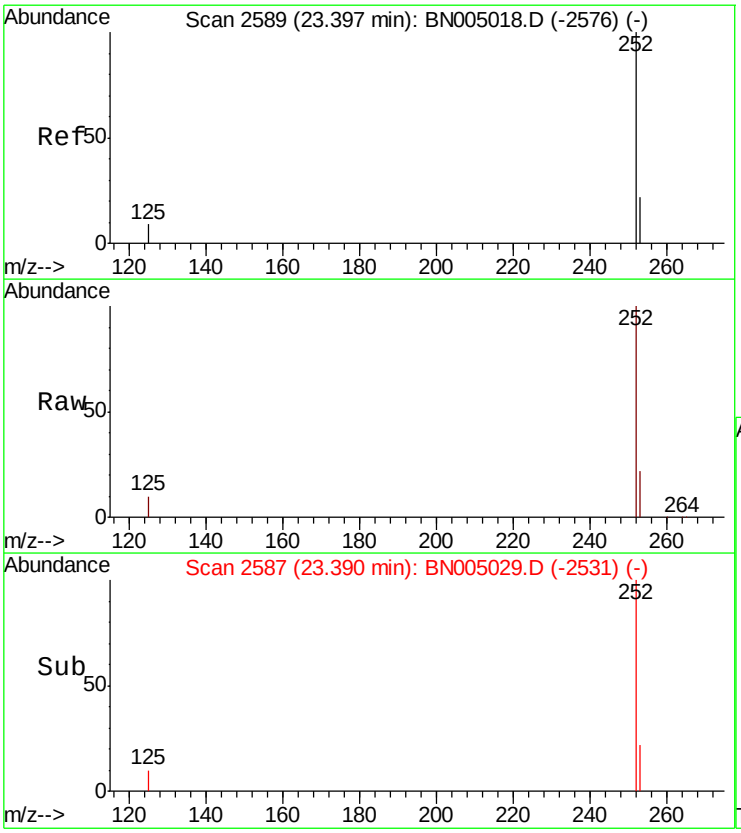
#35
Benzo(b)fluoranthene
Concen: 0.020 ng
RT: 22.82 min Scan# 2421
Delta R.T. 0.00 min
Lab File: BN005029.D
Acq: 29 Mar 2019 11:43

Instrument :
BNA_N
ClientSampleId :
PT-BN-WP

Tgt Ion:252 Resp: 834

Ion	Ratio	Lower	Upper
252	100		
253	69.2	19.2	28.8#
125	30.2	8.2	12.2#

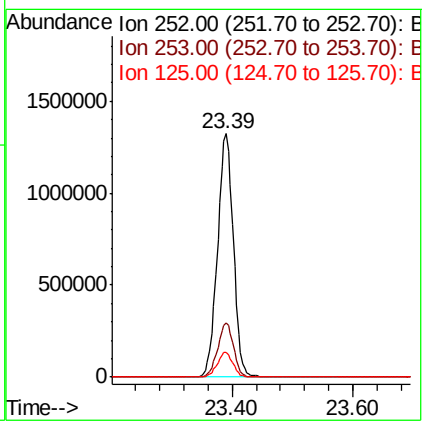


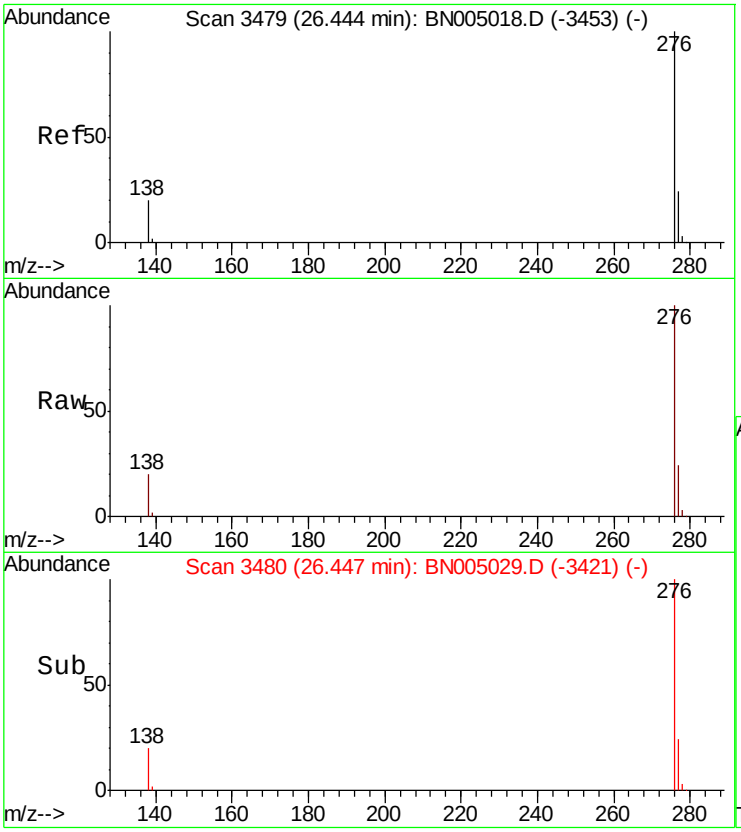


#37
Benzo(a)pyrene
Concen: 64.417 ng
RT: 23.39 min Scan# 2587
Delta R.T. -0.01 min
Lab File: BN005029.D
Acq: 29 Mar 2019 11:43

Tgt Ion:252 Resp: 2387876

Ion	Ratio	Lower	Upper
252	100		
253	22.3	20.2	30.2
125	10.0	9.2	13.8





#39
Benzo(g,h,i)perylene
Concen: 151.139 ng
RT: 26.45 min Scan# 3480
Delta R.T. 0.00 min
Lab File: BN005029.D
Acq: 29 Mar 2019 11:43

Instrument :
BNA_N
ClientSampleId :
PT-BN-WP

Tgt Ion:276 Resp: 5645238

Ion	Ratio	Lower	Upper
276	100		
277	24.4	19.8	29.6
138	19.8	16.4	24.6