Quantitation Report (QT 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 30 00:10:26 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
20) 4-Bromophenyl-phenylether	16.25	248	652250	70.401	ng	#	90
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
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
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 (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN032919\
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Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
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PT-BN-WP

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 29 03:42:17 2019
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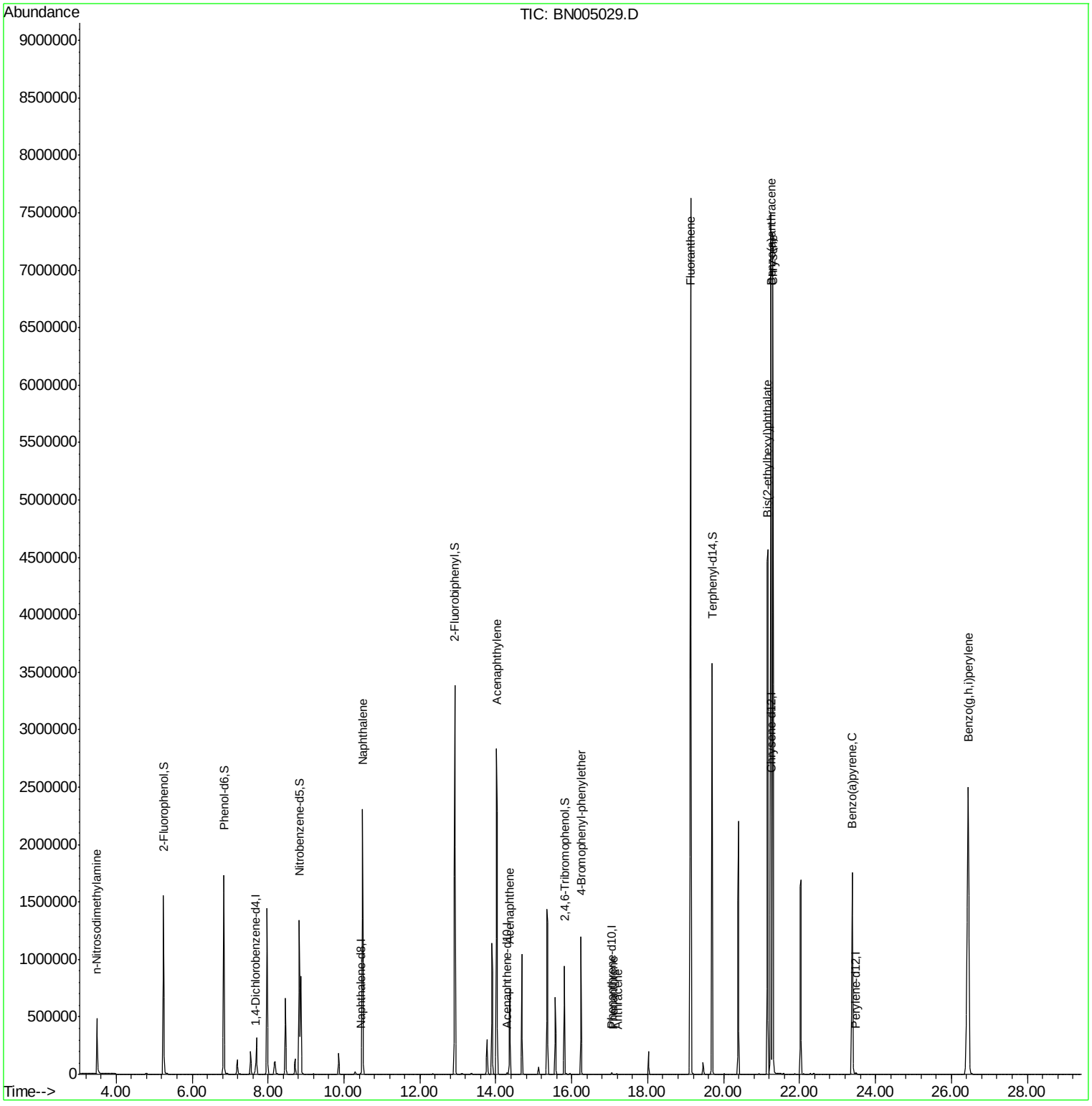
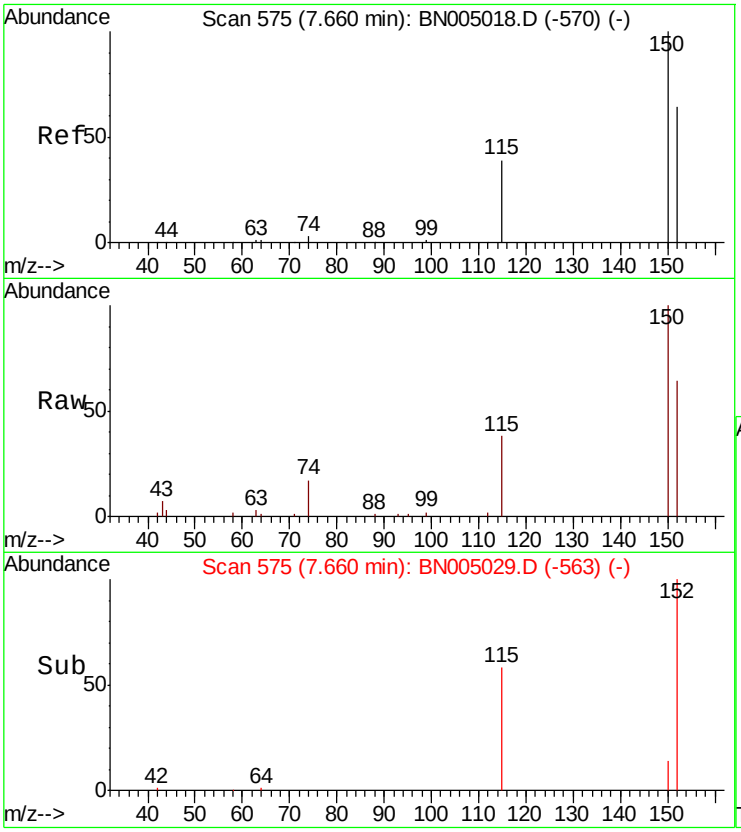


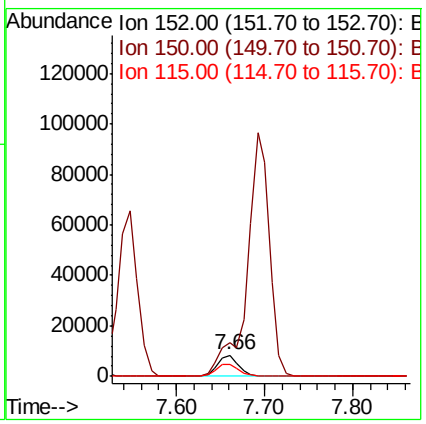


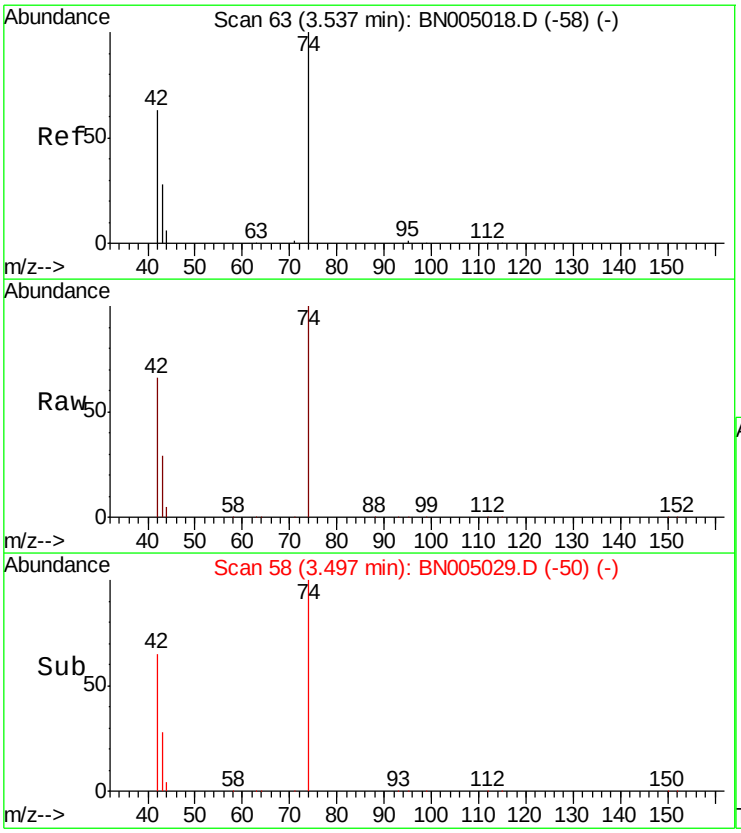
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.66 min Scan# 575
Delta R.T. -0.00 min
Lab File: BN005029.D
Acq: 29 Mar 2019 11:43

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

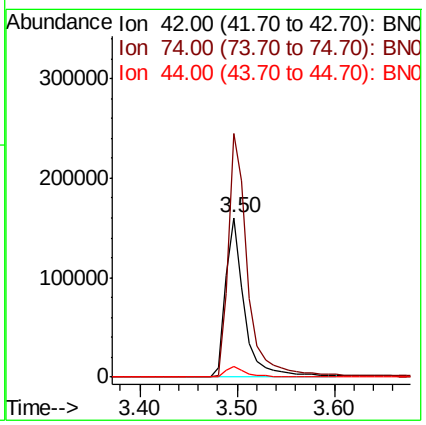


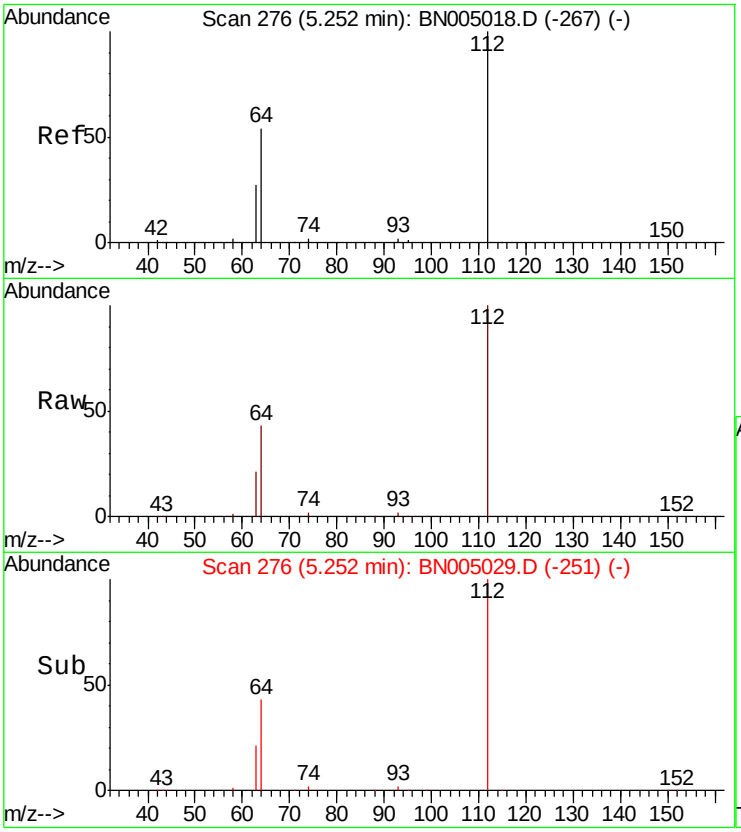


#3
n-Nitrosodimethylamine
Concen: 24.818 ng
RT: 3.50 min Scan# 58
Delta R.T. -0.04 min
Lab File: BN005029.D
Acq: 29 Mar 2019 11:43

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#



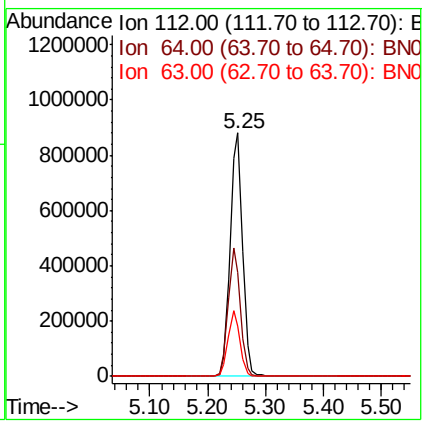


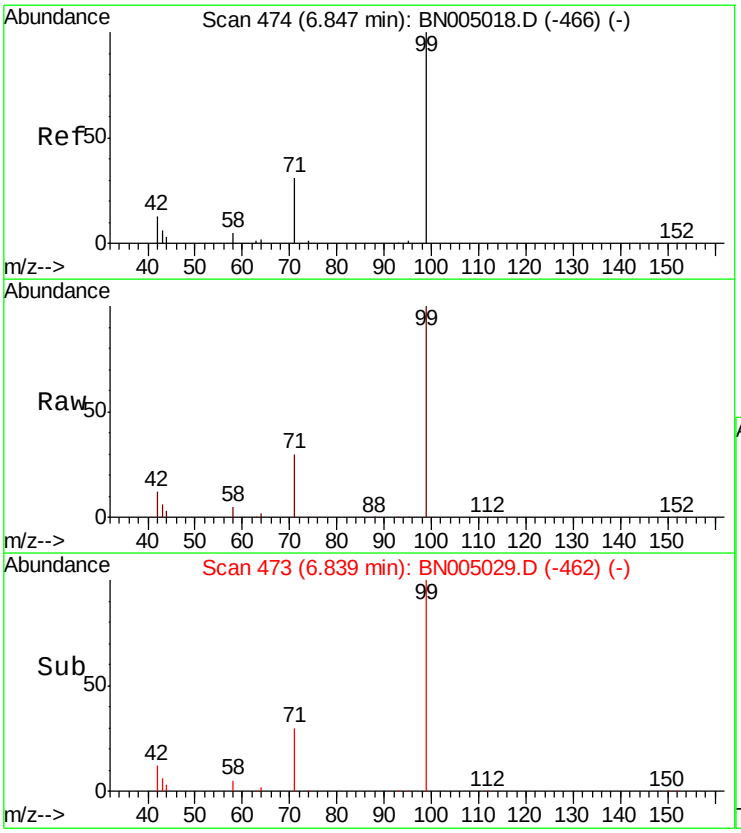
#4
2-Fluorophenol
Concen: 39.478 ng
RT: 5.25 min Scan# 276
Delta R.T. -0.00 min
Lab File: BN005029.D
Acq: 29 Mar 2019 11:43

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

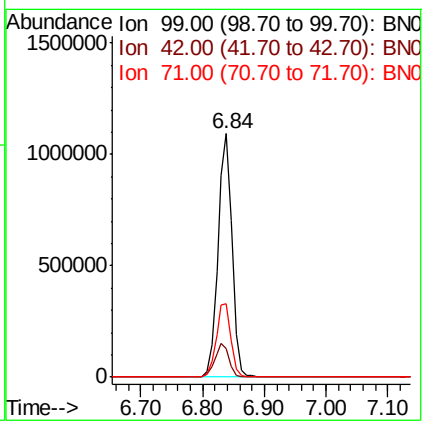


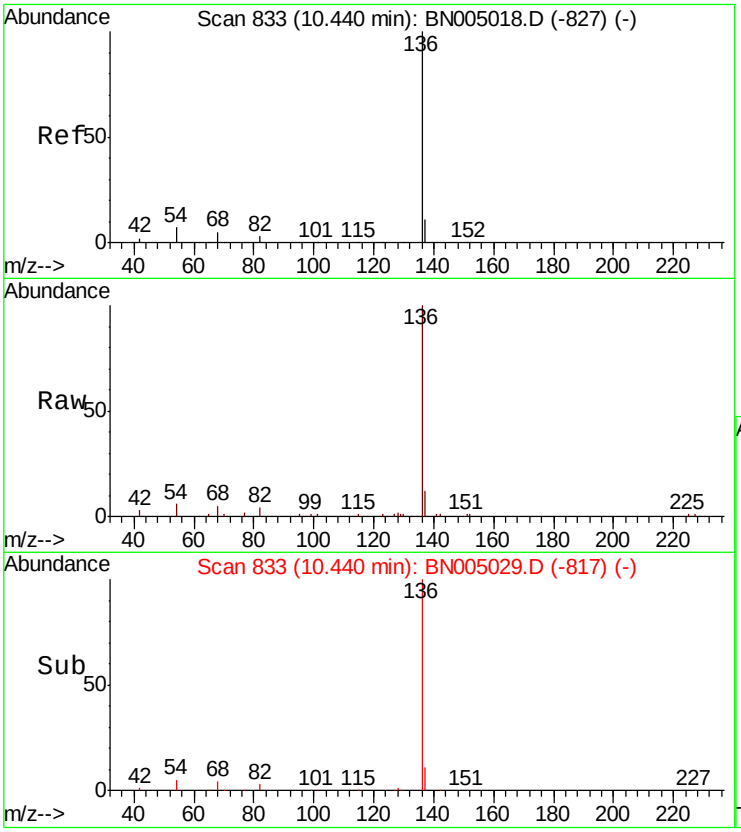


#5
Phenol-d6
Concen: 44.435 ng
RT: 6.84 min Scan# 473
Delta R.T. -0.01 min
Lab File: BN005029.D
Acq: 29 Mar 2019 11:43

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



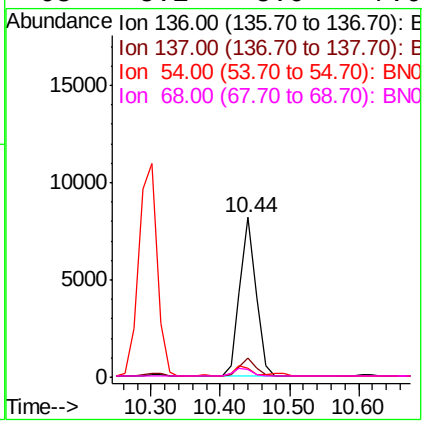


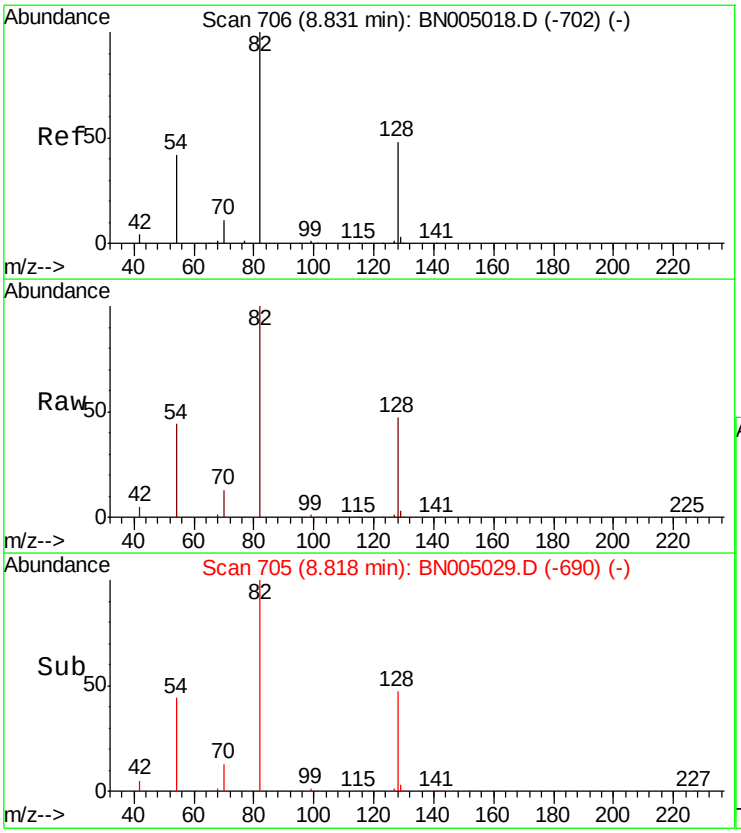
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.44 min Scan# 833
Delta R.T. -0.00 min
Lab File: BN005029.D
Acq: 29 Mar 2019 11:43

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

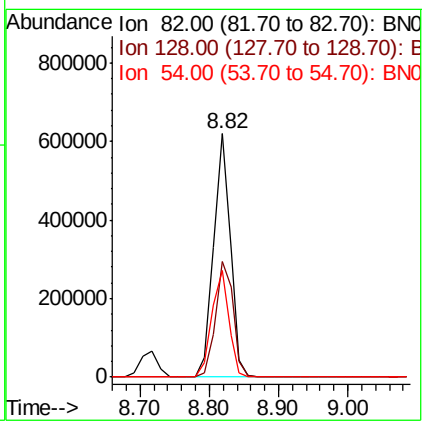


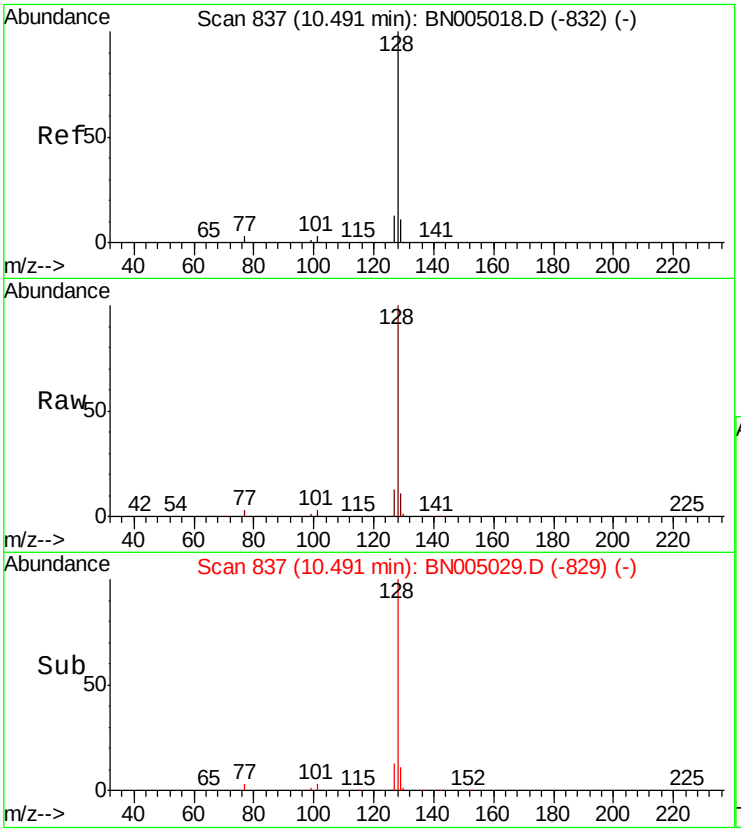


#8
Nitrobenzene-d5
Concen: 133.987 ng
RT: 8.82 min Scan# 705
Delta R.T. -0.01 min
Lab File: BN005029.D
Acq: 29 Mar 2019 11:43

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



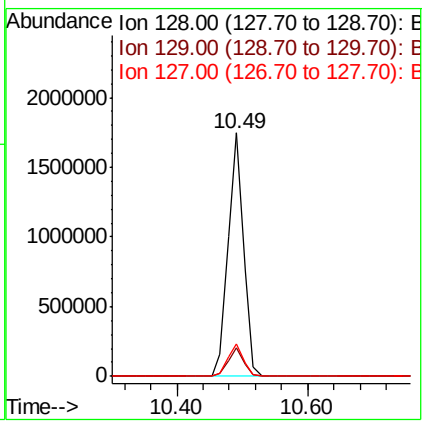


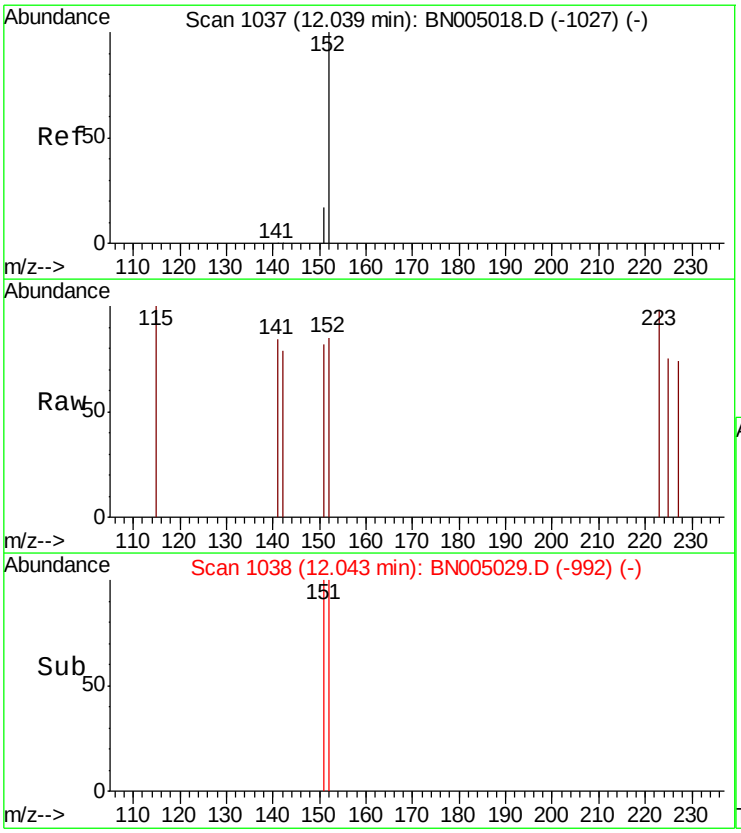
#9
Naphthalene
Concen: 84.357 ng
RT: 10.49 min Scan# 837
Delta R.T. -0.00 min
Lab File: BN005029.D
Acq: 29 Mar 2019 11:43

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

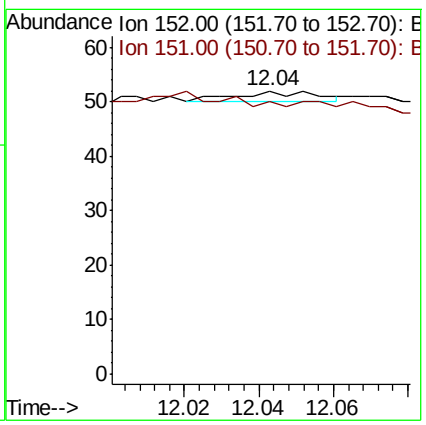


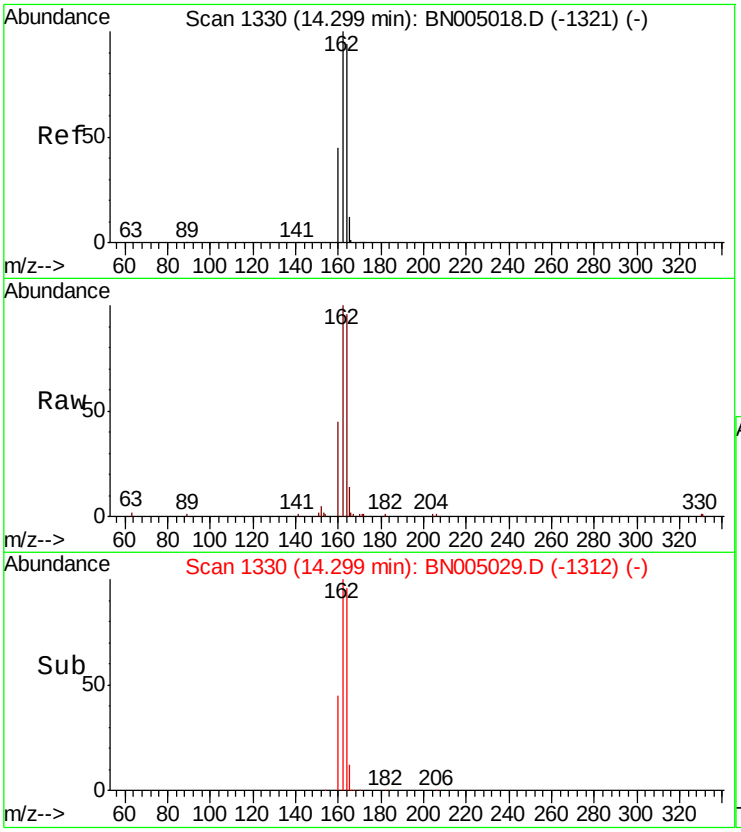


#11
2-Methylnaphthalene-d10
Concen: 0.000 ng
RT: 12.04 min Scan# 1038
Delta R.T. 0.00 min
Lab File: BN005029.D
Acq: 29 Mar 2019 11:43

Tgt Ion:152 Resp: 3

Ion	Ratio	Lower	Upper
152	100		
151	0.0	15.3	22.9#



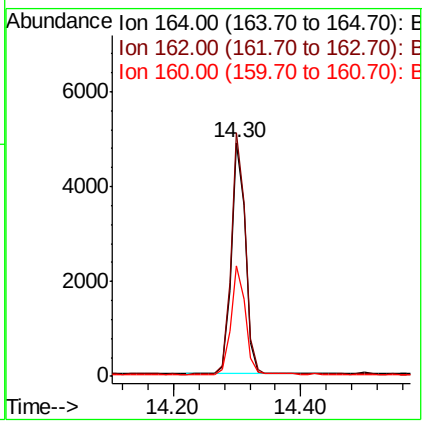


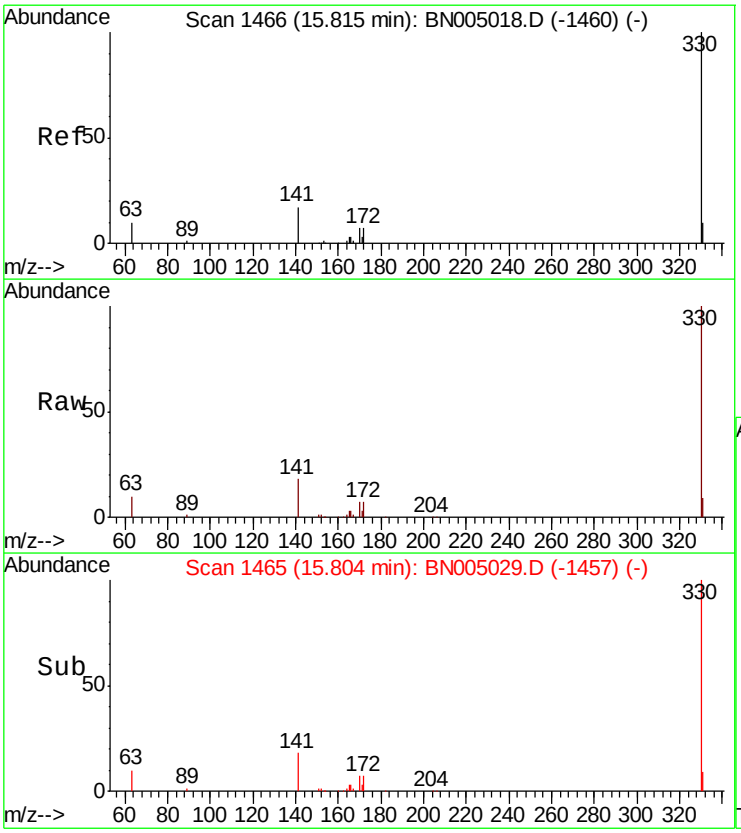
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.30 min Scan# 1330
Delta R.T. -0.00 min
Lab File: BN005029.D
Acq: 29 Mar 2019 11:43

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

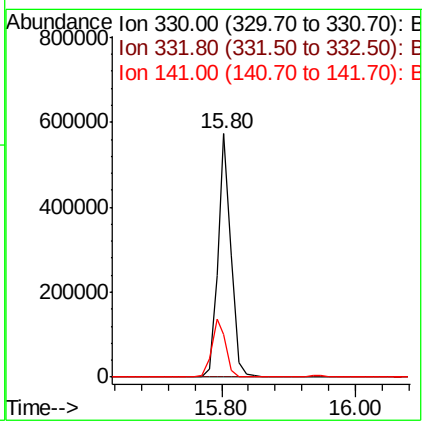


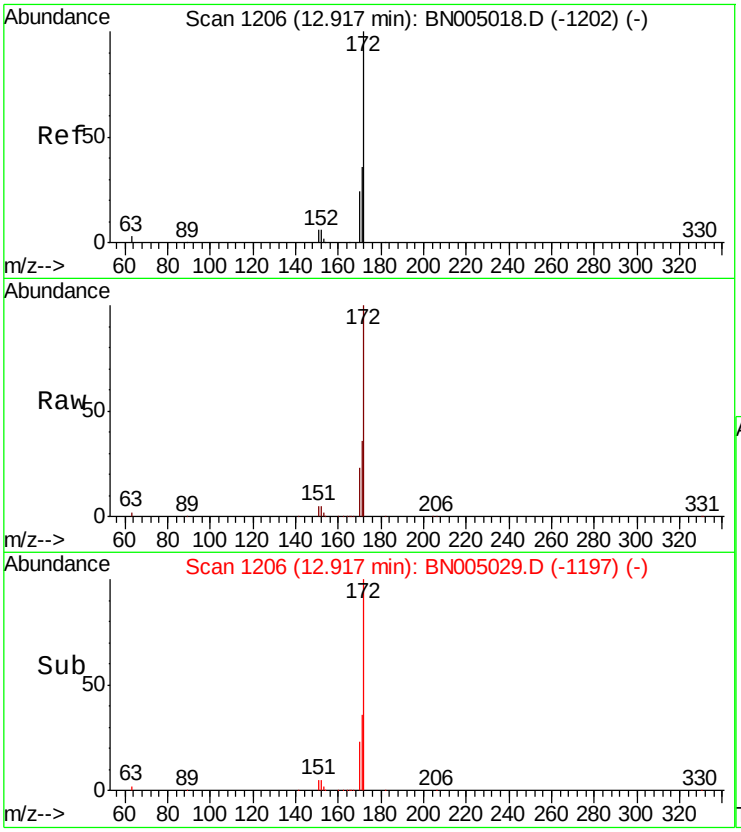


#14
2,4,6-Tribromophenol
Concen: 188.861 ng
RT: 15.80 min Scan# 1465
Delta R.T. -0.01 min
Lab File: BN005029.D
Acq: 29 Mar 2019 11:43

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



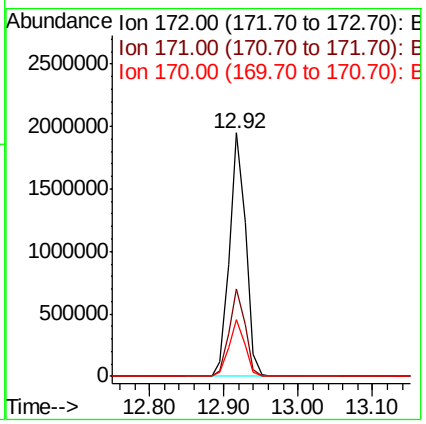


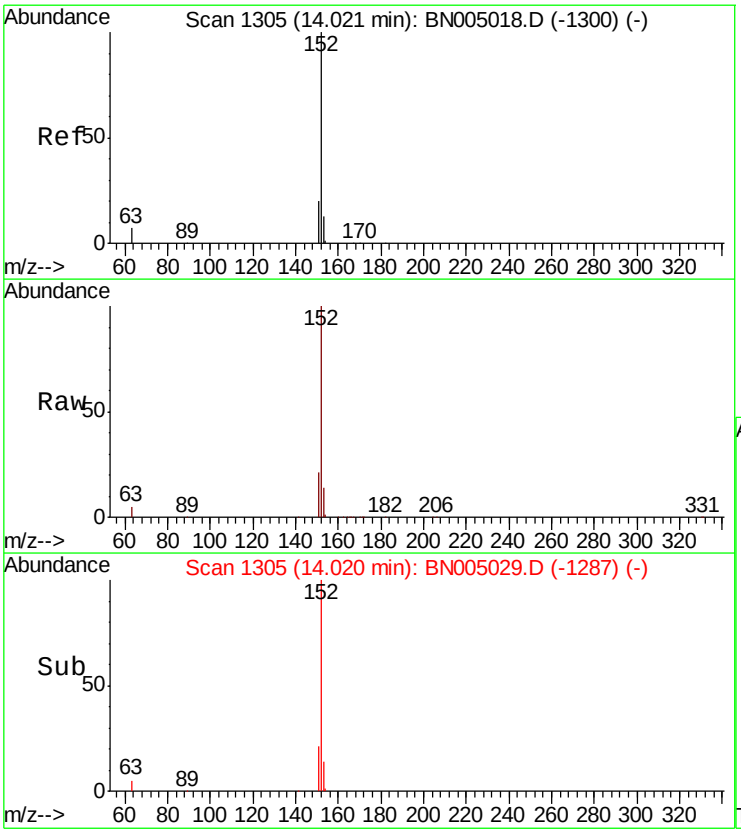
#15
2-Fluorobiphenyl
Concen: 104.955 ng
RT: 12.92 min Scan# 1206
Delta R.T. -0.00 min
Lab File: BN005029.D
Acq: 29 Mar 2019 11:43

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

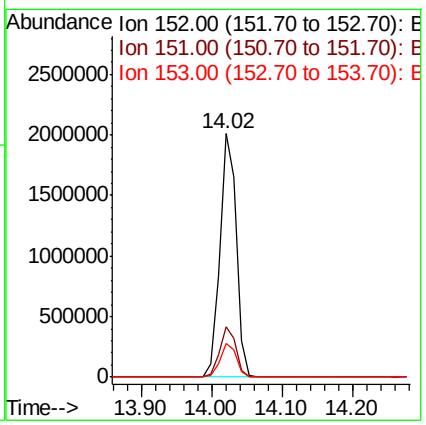


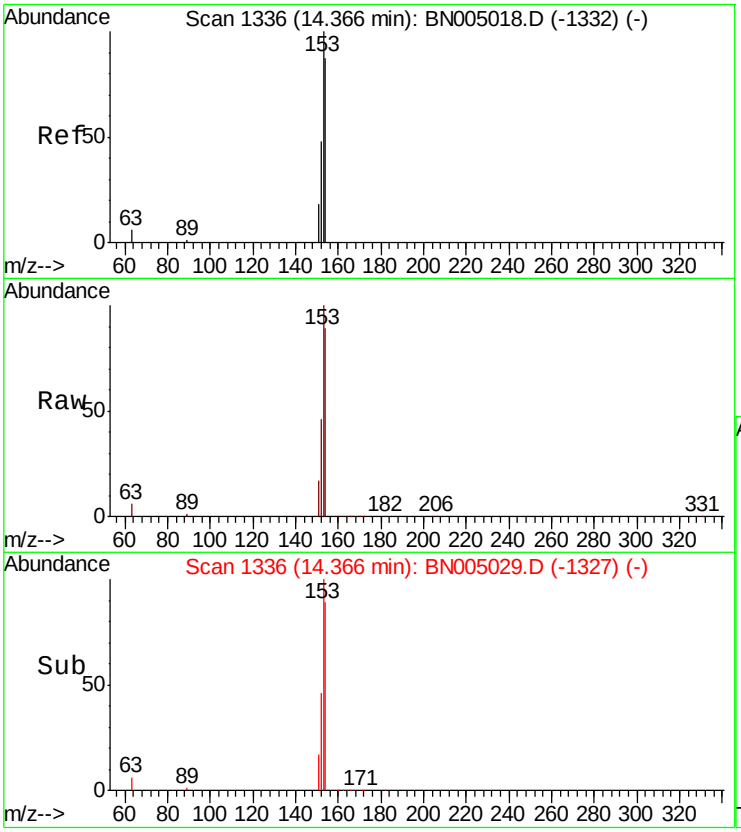


#16
Acenaphthylene
Concen: 94.206 ng
RT: 14.02 min Scan# 1305
Delta R.T. -0.00 min
Lab File: BN005029.D
Acq: 29 Mar 2019 11:43

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



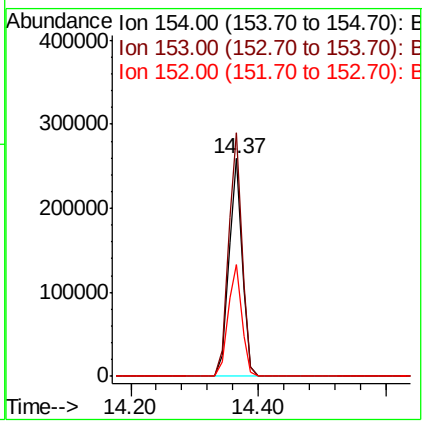


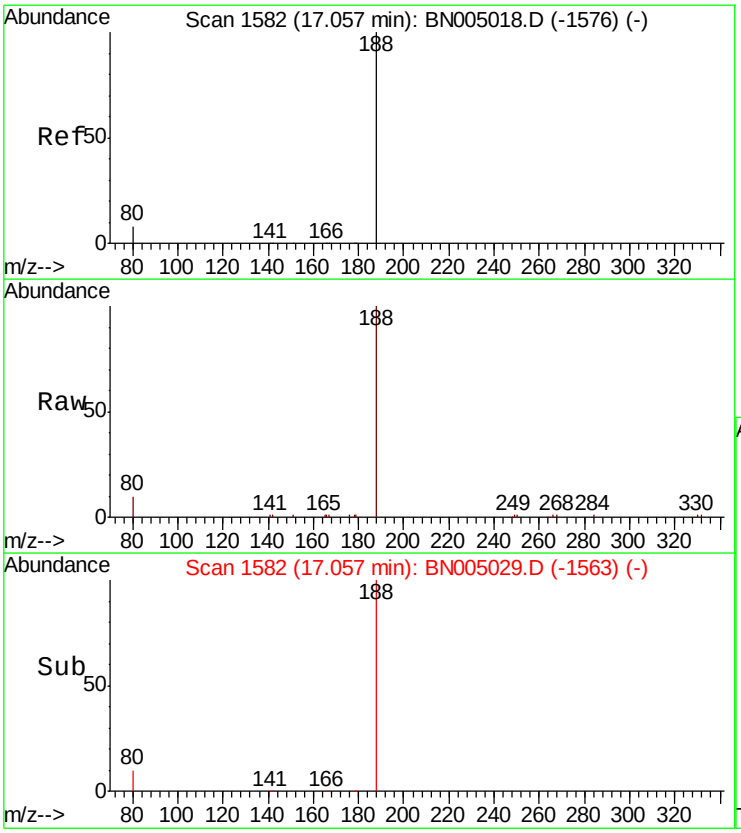
#17
Acenaphthene
Concen: 16.751 ng
RT: 14.37 min Scan# 1336
Delta R.T. -0.00 min
Lab File: BN005029.D
Acq: 29 Mar 2019 11:43

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

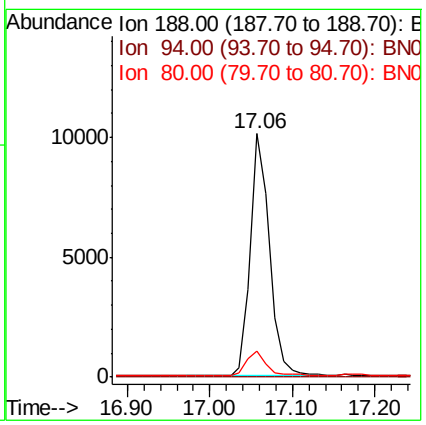


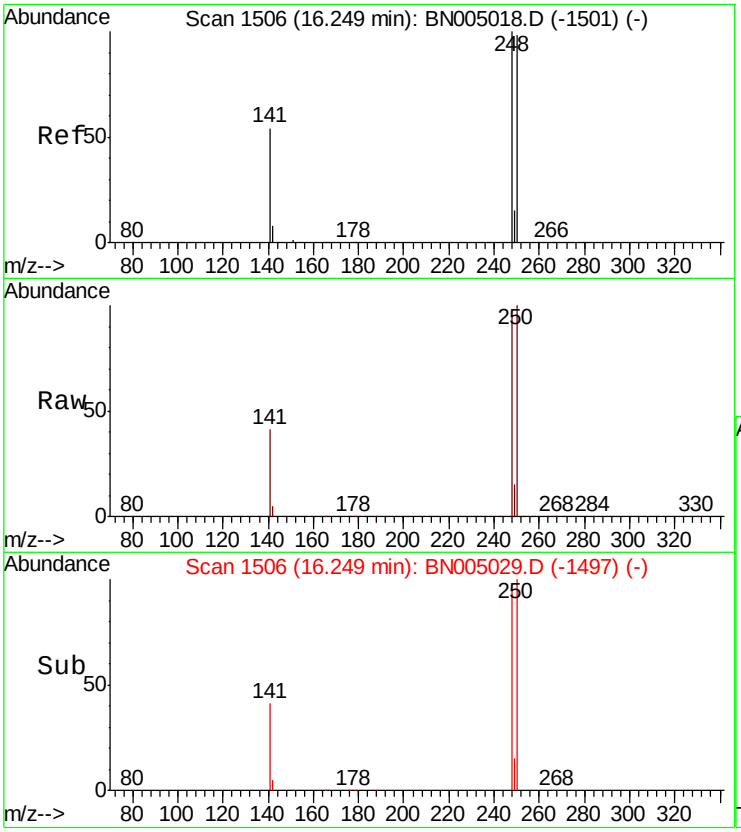


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.06 min Scan# 1582
Delta R.T. -0.00 min
Lab File: BN005029.D
Acq: 29 Mar 2019 11:43

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#



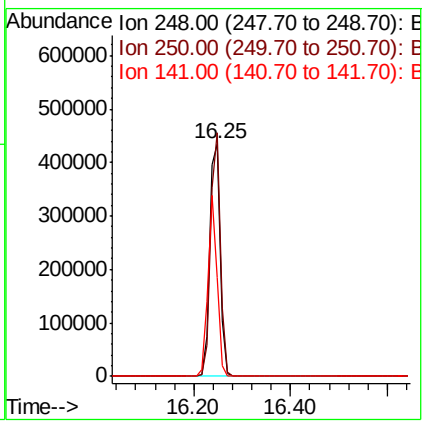


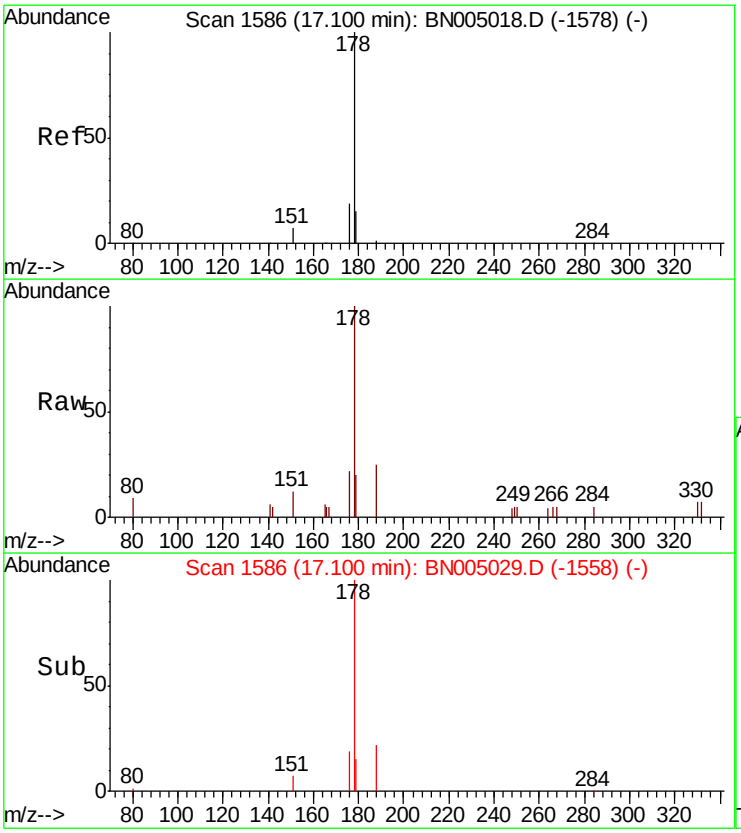
#20
4-Bromophenyl-phenylether
Concen: 70.401 ng
RT: 16.25 min Scan# 1506
Delta R.T. -0.00 min
Lab File: BN005029.D
Acq: 29 Mar 2019 11:43

Instrument :
BNA_N
ClientSampleId :
PT-BN-WP

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#

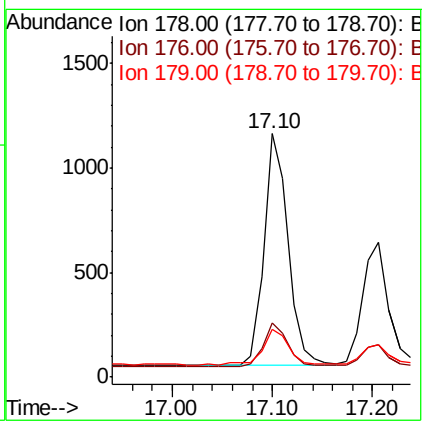


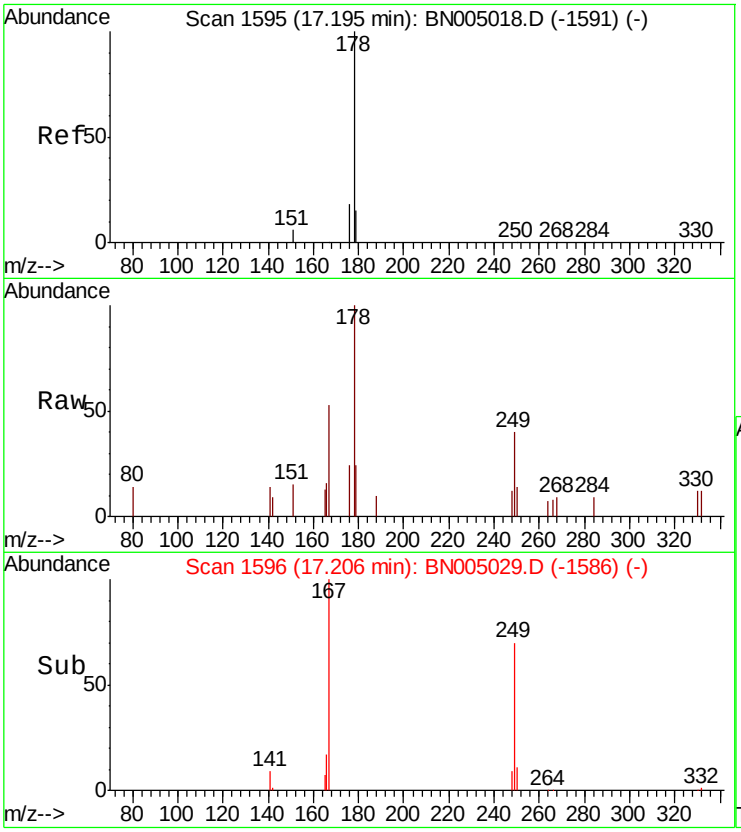


#23
Phenanthrene
Concen: 0.041 ng
RT: 17.10 min Scan# 1586
Delta R.T. -0.00 min
Lab File: BN005029.D
Acq: 29 Mar 2019 11:43

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



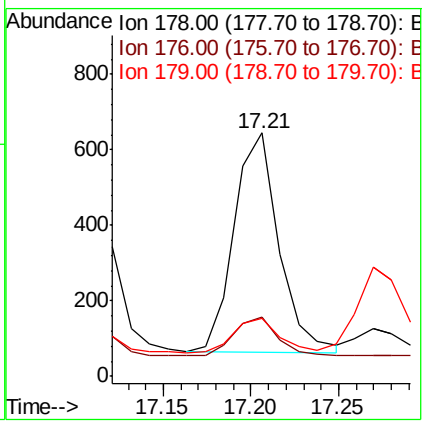


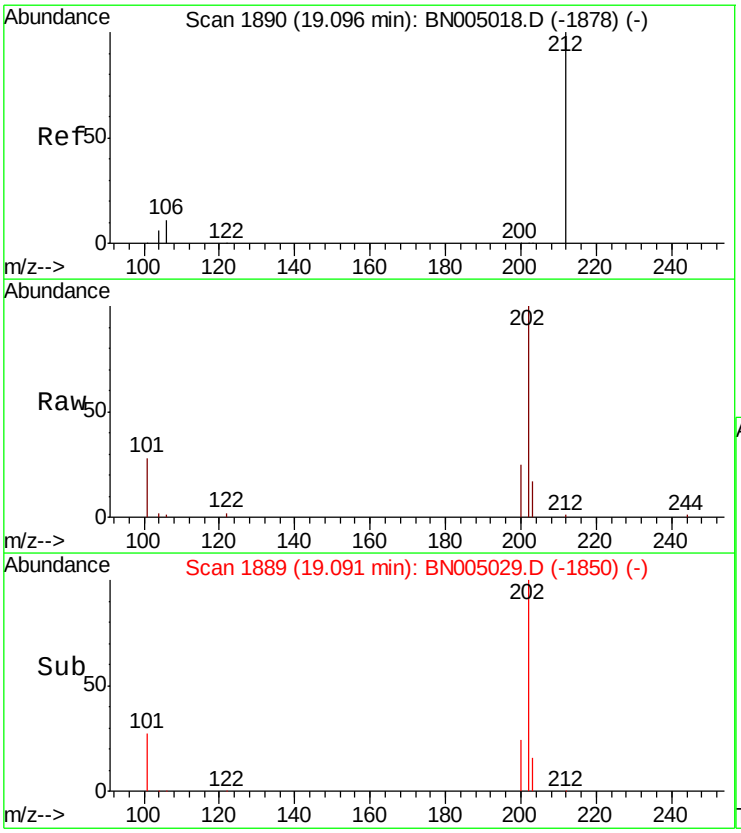
#24
Anthracene
Concen: 0.025 ng
RT: 17.21 min Scan# 1596
Delta R.T. 0.01 min
Lab File: BN005029.D
Acq: 29 Mar 2019 11:43

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

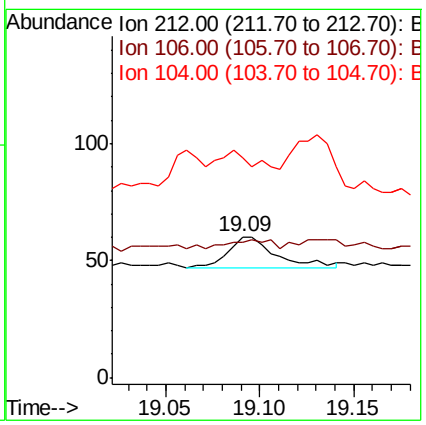


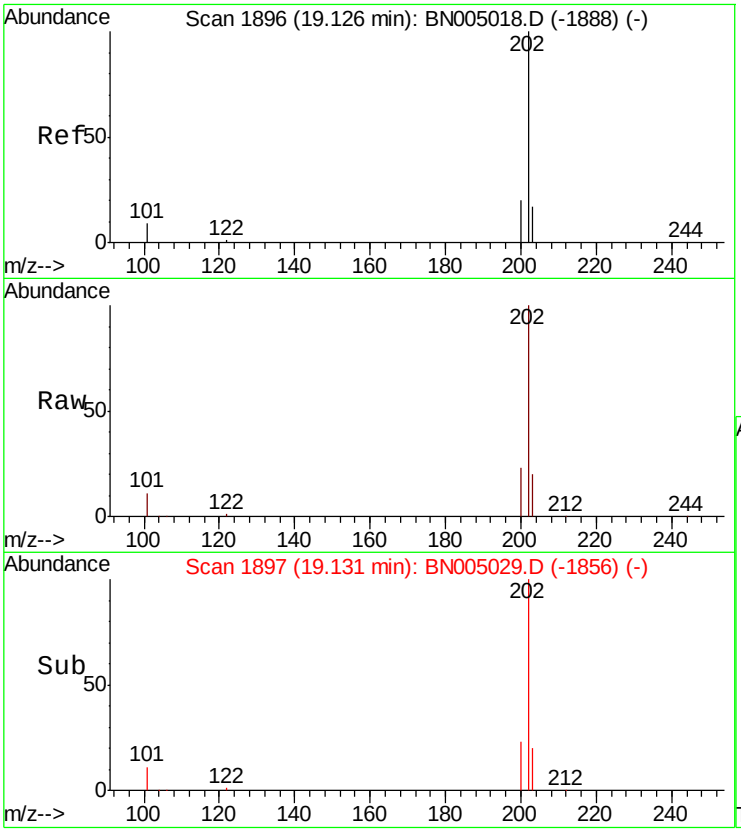


#25
Fluoranthene-d10
Concen: 0.000 ng
RT: 19.09 min Scan# 1889
Delta R.T. -0.01 min
Lab File: BN005029.D
Acq: 29 Mar 2019 11:43

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#



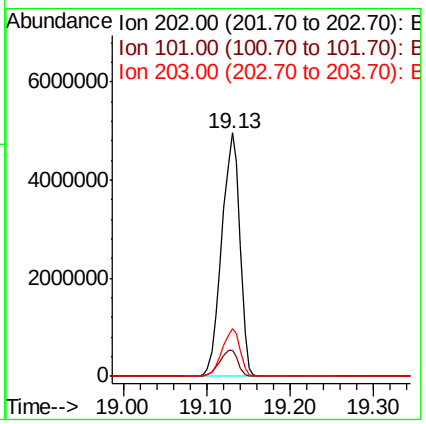


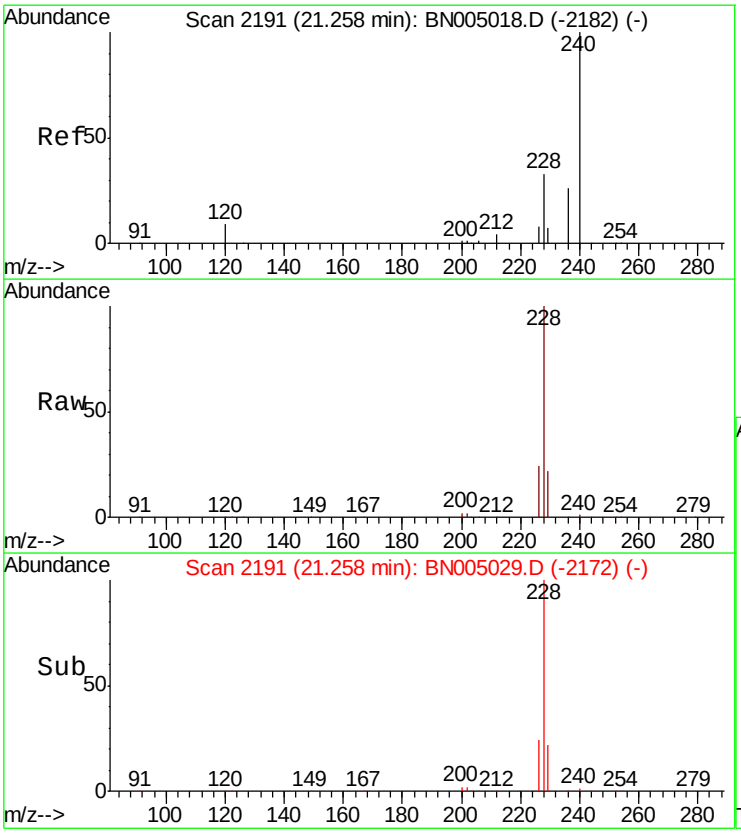
#26
Fluoranthene
Concen: 134.739 ng
RT: 19.13 min Scan# 1897
Delta R.T. 0.00 min
Lab File: BN005029.D
Acq: 29 Mar 2019 11:43

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

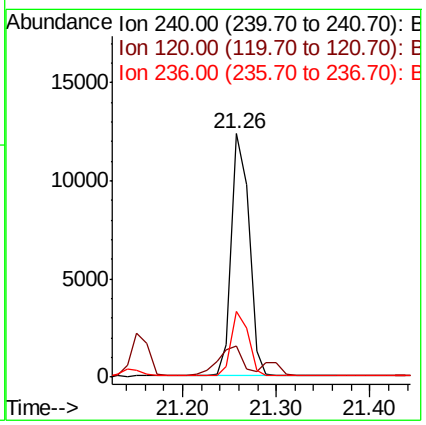


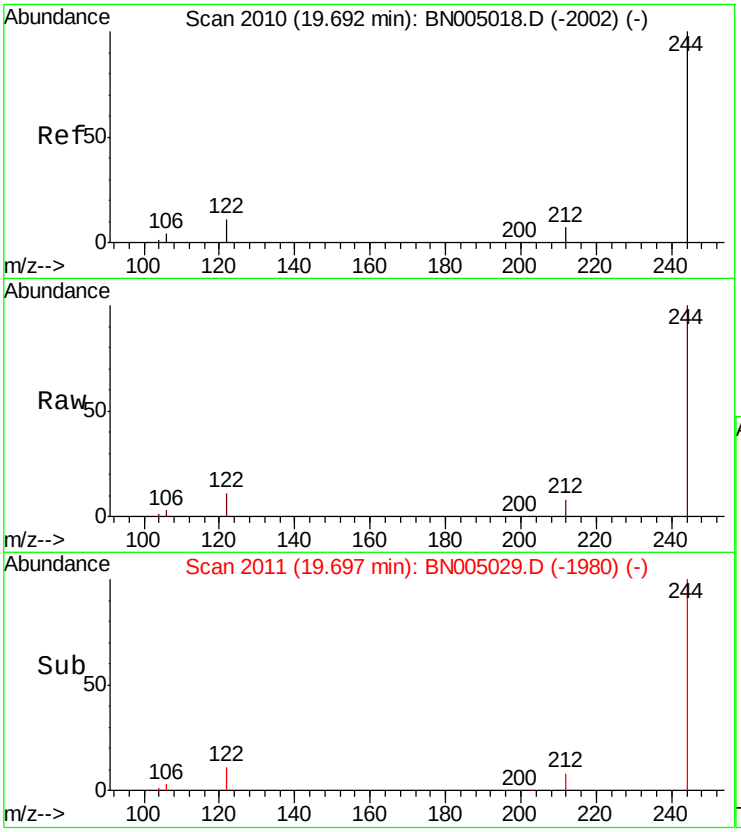


#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.26 min Scan# 2191
Delta R.T. -0.00 min
Lab File: BN005029.D
Acq: 29 Mar 2019 11:43

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



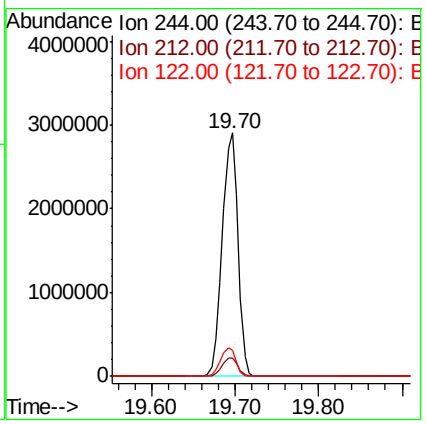


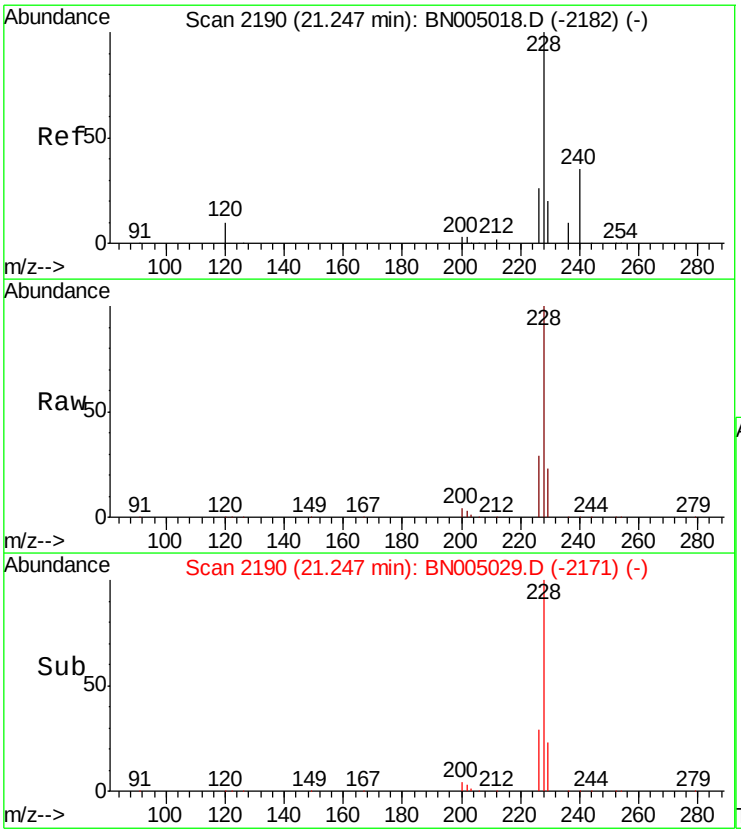
#29
Terphenyl-d14
Concen: 114.432 ng
RT: 19.70 min Scan# 2011
Delta R.T. 0.00 min
Lab File: BN005029.D
Acq: 29 Mar 2019 11:43

Instrument :
BNA_N
ClientSampleId :
PT-BN-WP

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

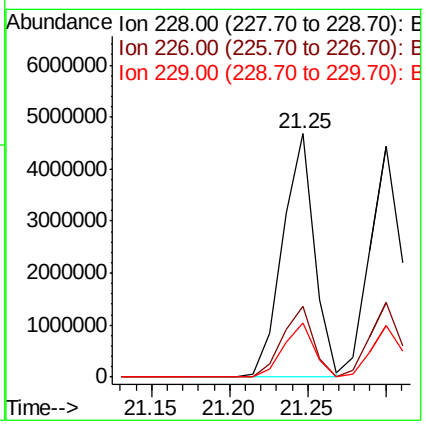


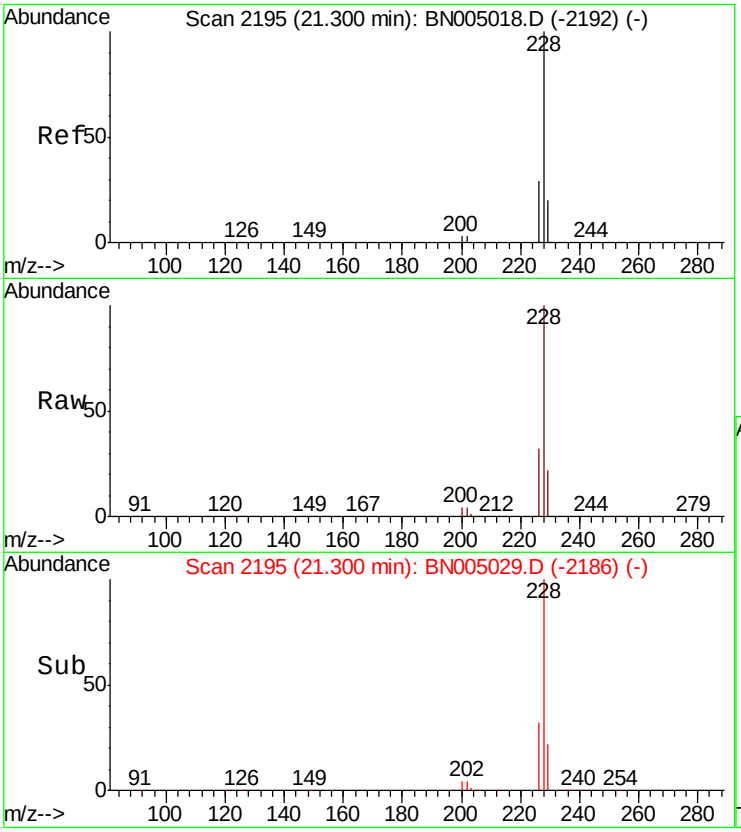


#30
Benzo(a)anthracene
Concen: 143.973 ng
RT: 21.25 min Scan# 2190
Delta R.T. -0.00 min
Lab File: BN005029.D
Acq: 29 Mar 2019 11:43

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



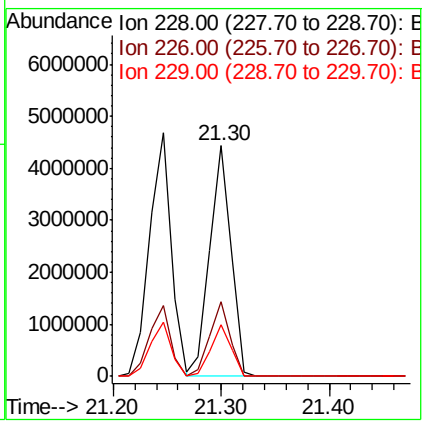


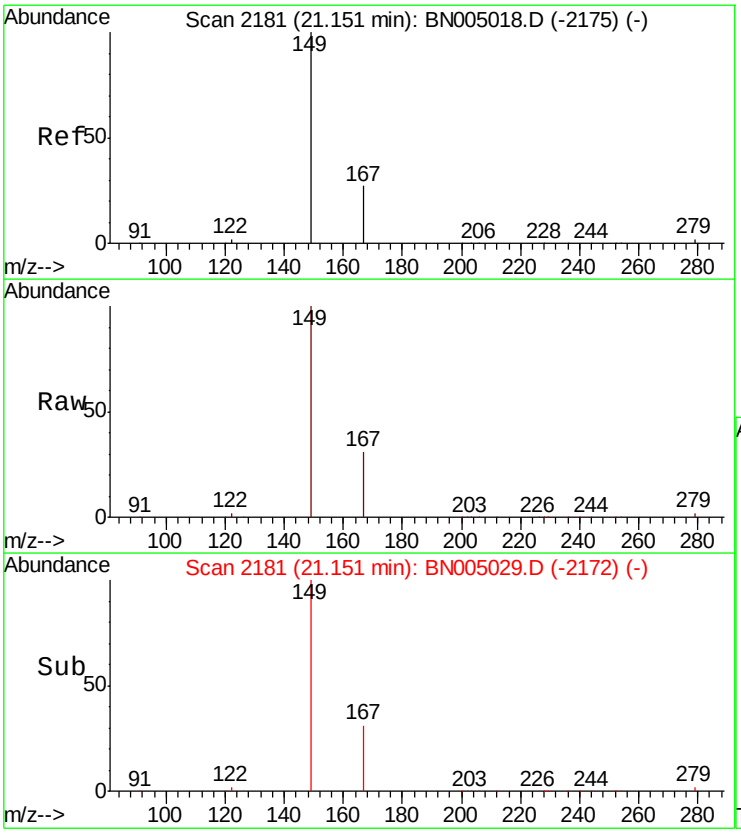
#31
Chrysene
Concen: 123.577 ng
RT: 21.30 min Scan# 2195
Delta R.T. -0.00 min
Lab File: BN005029.D
Acq: 29 Mar 2019 11:43

Instrument :
BNA_N
ClientSampleId :
PT-BN-WP

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

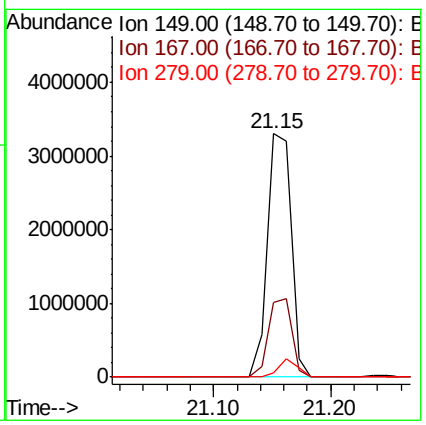


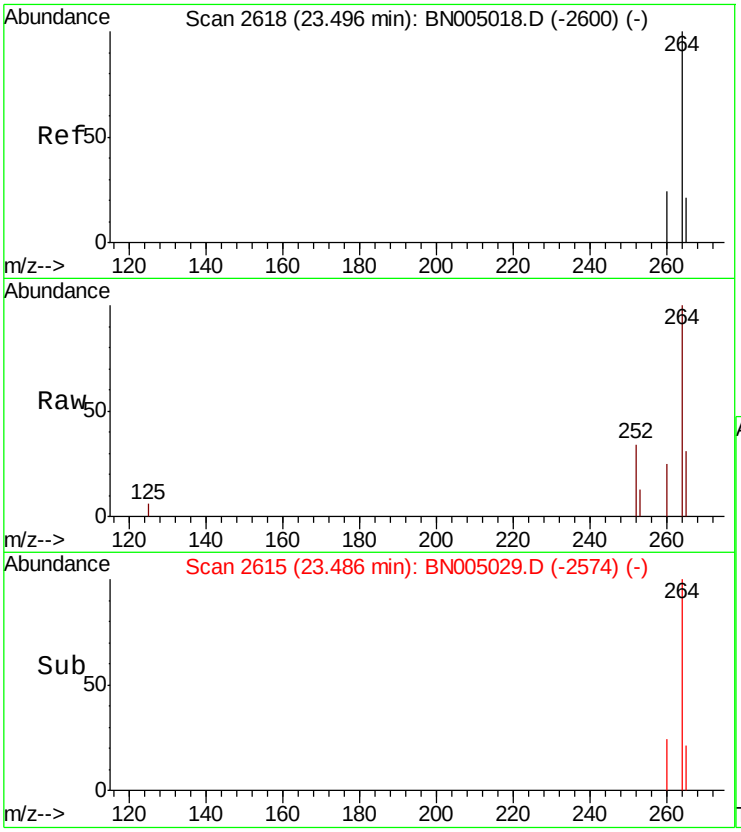


#32
Bis(2-ethylhexyl)phthalate
Concen: 245.035 ng
RT: 21.15 min Scan# 2181
Delta R.T. -0.00 min
Lab File: BN005029.D
Acq: 29 Mar 2019 11:43

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



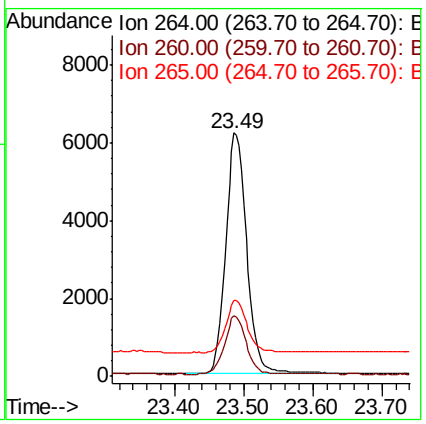


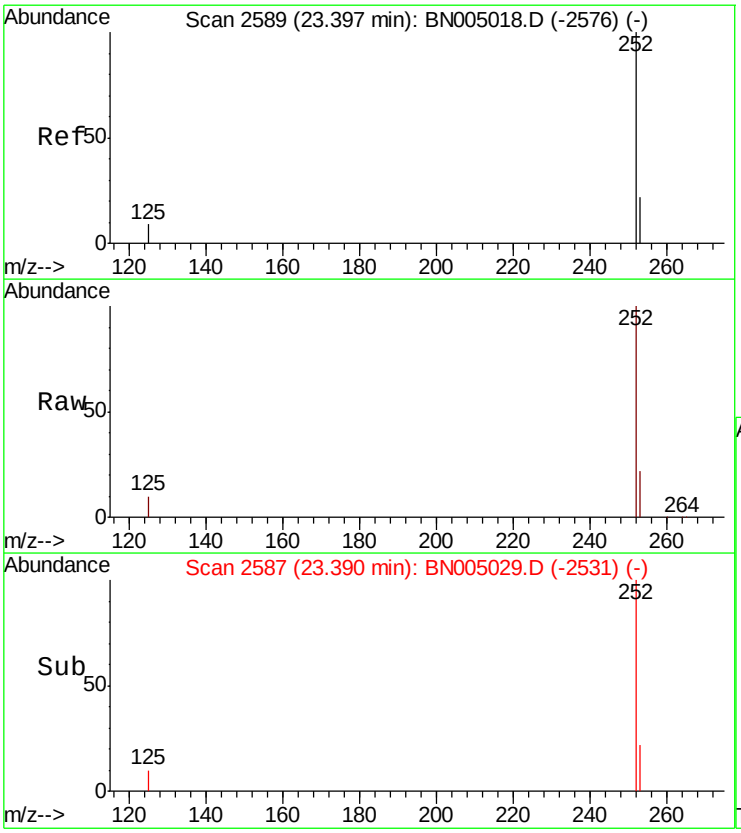
#34
Perylene-d12
Concen: 0.400 ng
RT: 23.49 min Scan# 2615
Delta R.T. -0.01 min
Lab File: BN005029.D
Acq: 29 Mar 2019 11:43

Instrument :
BNA_N
ClientSampleId :
PT-BN-WP

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

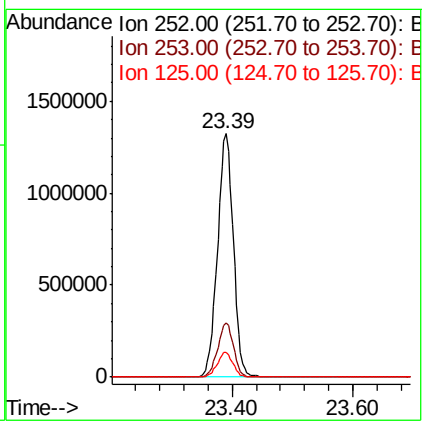


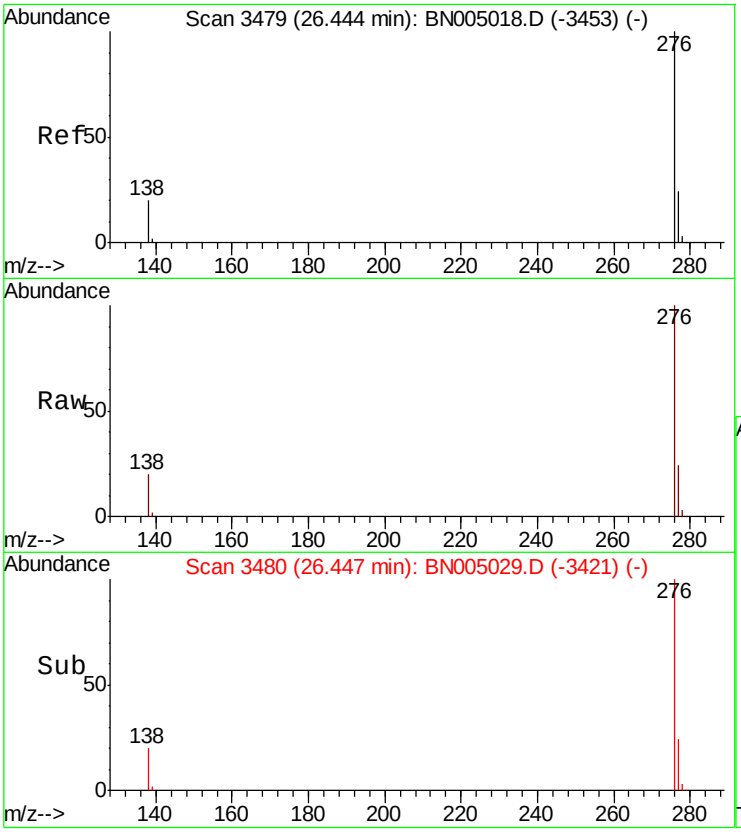


#37
Benzo(a)pyrene
Concen: 64.417 ng
RT: 23.39 min Scan# 2587
Delta R.T. -0.01 min
Lab File: BN005029.D
Acq: 29 Mar 2019 11:43

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