Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN100419\
Data File : BN008019.D
Acq On : 05 Oct 2019 00:33
Operator : JU
Sample : K5078-20RE
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId :

Quant Time: Oct 05 01:26:50 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN091819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 03 18:39:49 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	24787	0.40	ng		-0.02
7) Naphthalene-d8	10.46	136	97437	0.40	ng		-0.01
13) Acenaphthene-d10	14.31	164	53118	0.40	ng		-0.02
19) Phenanthrene-d10	17.07	188	100208	0.40	ng		0.00
27) Chrysene-d12	21.26	240	121898	0.40	ng		0.00
34) Perylene-d12	23.48	264	151157	0.40	ng		-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.33	112	19418	0.23	ng		0.00
5) Phenol-d6	6.89	99	25994	0.24	ng		0.02
8) Nitrobenzene-d5	8.82	82	21953	0.26	ng		-0.01
11) 2-Methylnaphthalene-d10	12.05	152	42358	0.26	ng		-0.01
14) 2,4,6-Tribromophenol	15.81	330	7447	0.26	ng		0.00
15) 2-Fluorobiphenyl	12.93	172	56176	0.26	ng		-0.02
25) Fluoranthene-d10	19.10	212	89183	0.26	ng		0.00
29) Terphenyl-d14	19.70	244	77566	0.26	ng		-0.01
Target Compounds							Qvalue
3) n-Nitrosodimethylamine	3.02	42	28730	2.270	ng	#	66
9) Naphthalene	10.51	128	50174	0.183	ng		99
12) 2-Methylnaphthalene	12.12	142	30931	0.167	ng		98
16) Acenaphthylene	14.03	152	256390	0.910	ng		100
17) Acenaphthene	14.38	154	136590	0.752	ng		97
18) Fluorene	15.37	166	196535	0.844	ng		97
22) Pentachlorophenol	16.73	266	555	0.023	ng	#	85
23) Phenanthrene	17.11	178	3686463	11.809	ng		99
24) Anthracene	17.19	178	391971	1.390	ng	#	92
26) Fluoranthene	19.13	202	5775158	14.878	ng		98
28) Pyrene	19.50	202	5054137	12.157	ng	#	94
30) Benzo(a)anthracene	21.24	228	2339322	5.211	ng		98
31) Chrysene	21.29	228	2881050	6.585	ng		98
32) Bis(2-ethylhexyl)phthalate	21.18	149	83520	0.362	ng	#	98
33) Indeno(1,2,3-cd)pyrene	25.71	276	2016669	3.682	ng	#	94
35) Benzo(b)fluoranthene	22.82	252	3844060	7.325	ng		98
36) Benzo(k)fluoranthene	22.82	252	3844060	7.408	ng		98
37) Benzo(a)pyrene	23.29	252	1885762	3.824	ng		99
38) Dibenzo(a,h)anthracene	25.71	278	463219	0.918	ng		97
39) Benzo(g,h,i)perylene	26.39	276	1958061	3.922	ng		98

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN100419\
Data File : BN008019.D
Acq On : 05 Oct 2019 00:33
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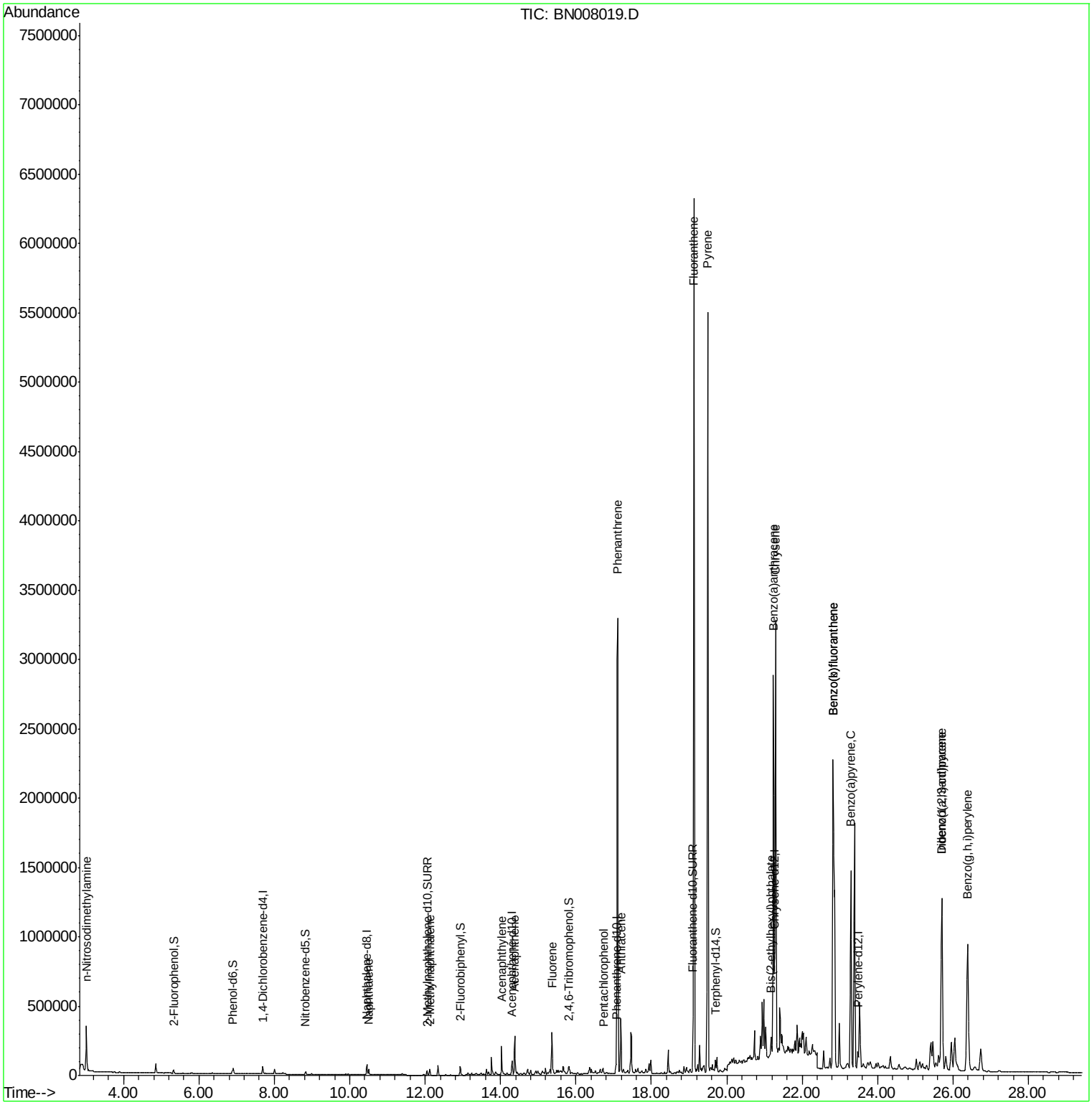
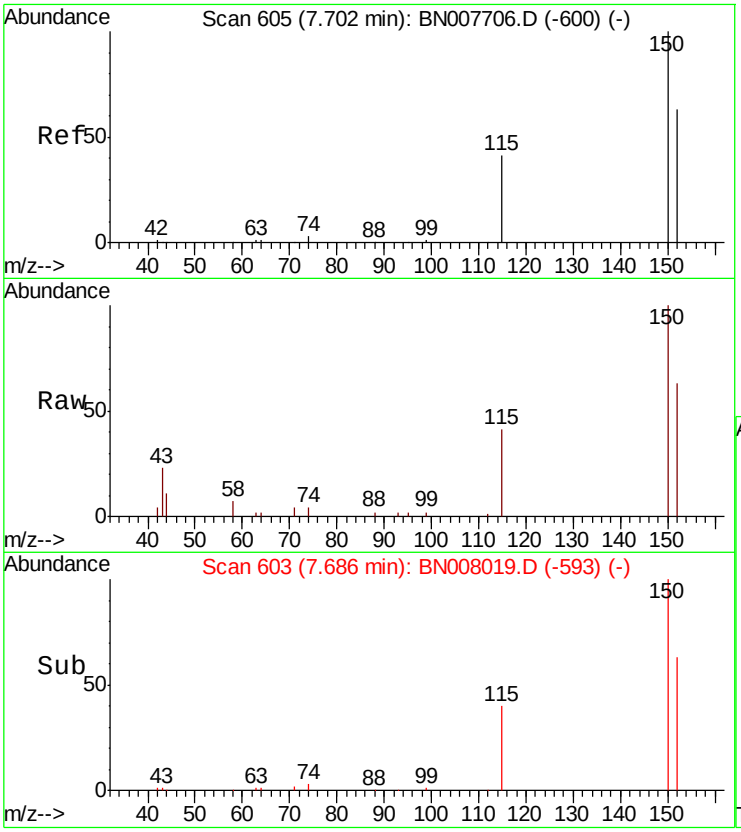
Sample : K5078-20RE
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Oct 05 01:26:50 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN091819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 03 18:39:49 2019
Response via : Initial Calibration



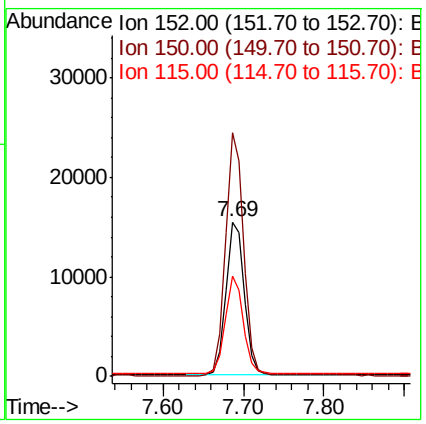


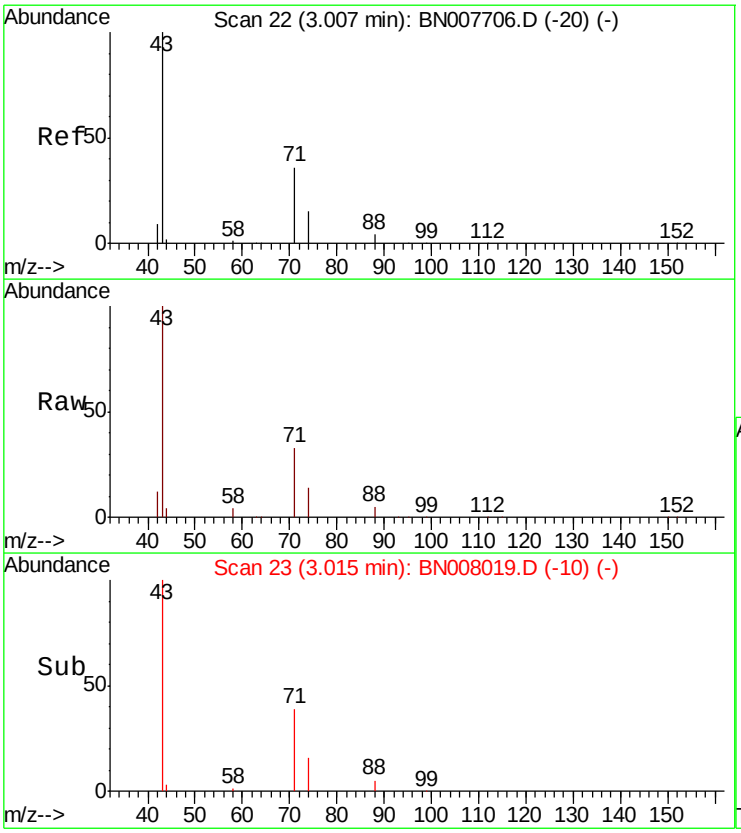
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.69 min Scan# 603
Delta R.T. -0.02 min
Lab File: BN008019.D
Acq: 05 Oct 2019 00:33

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 24787

Ion	Ratio	Lower	Upper
152	100		
150	157.9	125.6	188.4
115	64.9	53.3	79.9

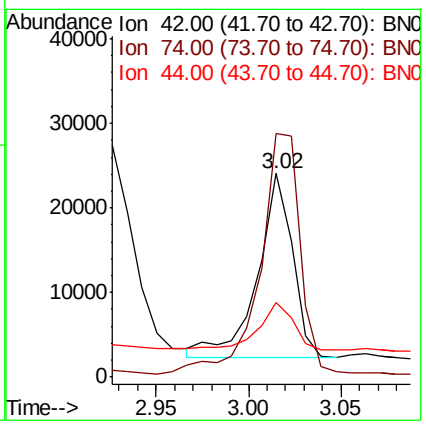


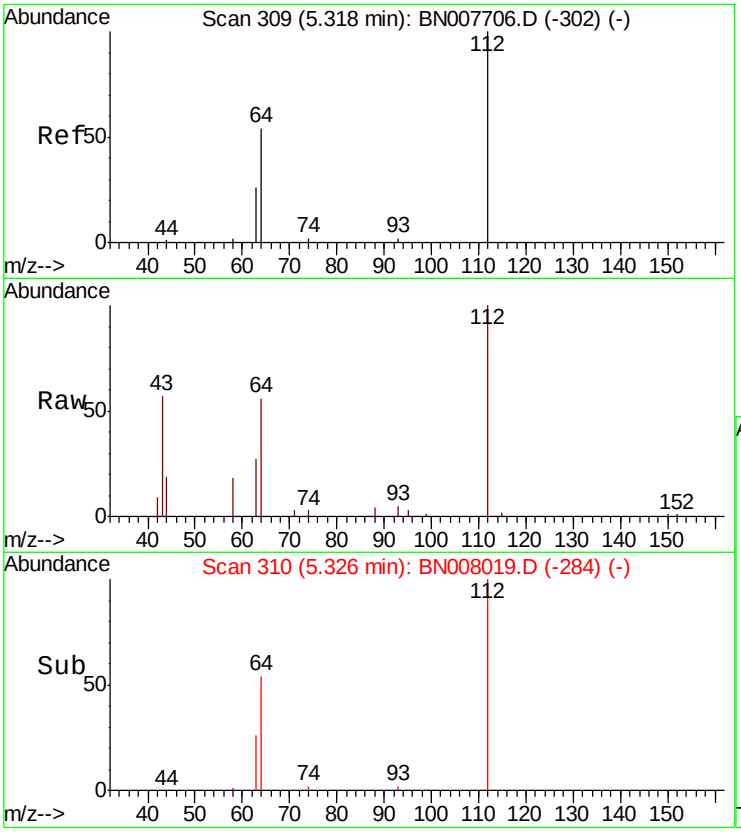


#3
n-Nitrosodimethylamine
Concen: 2.270 ng
RT: 3.02 min Scan# 23
Delta R.T. 0.01 min
Lab File: BN008019.D
Acq: 05 Oct 2019 00:33

Tgt Ion: 42 Resp: 28730

Ion	Ratio	Lower	Upper
42	100		
74	152.2	87.9	131.9#
44	26.8	29.4	44.0#



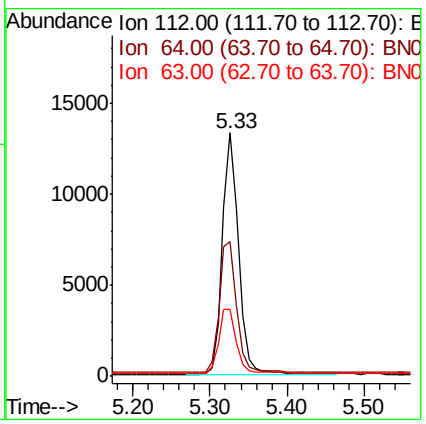


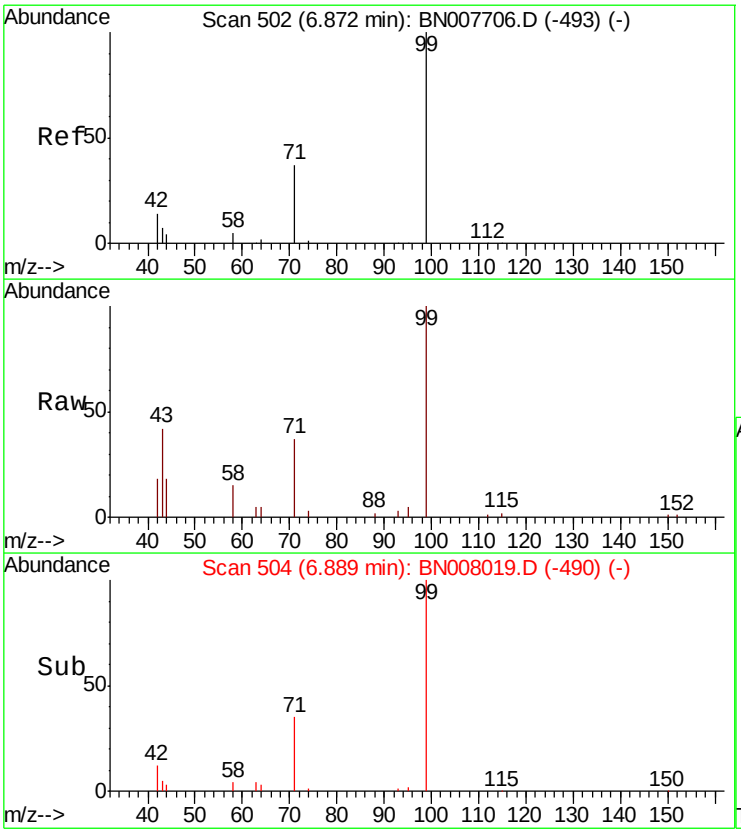
#4
2-Fluorophenol
Concen: 0.228 ng
RT: 5.33 min Scan# 310
Delta R.T. 0.01 min
Lab File: BN008019.D
Acq: 05 Oct 2019 00:33

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:112 Resp: 19418

Ion	Ratio	Lower	Upper
112	100		
64	58.1	46.6	70.0
63	29.3	23.1	34.7

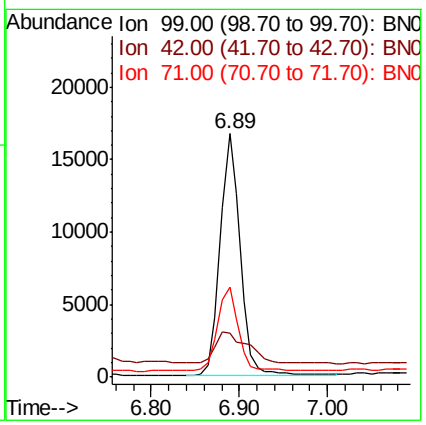


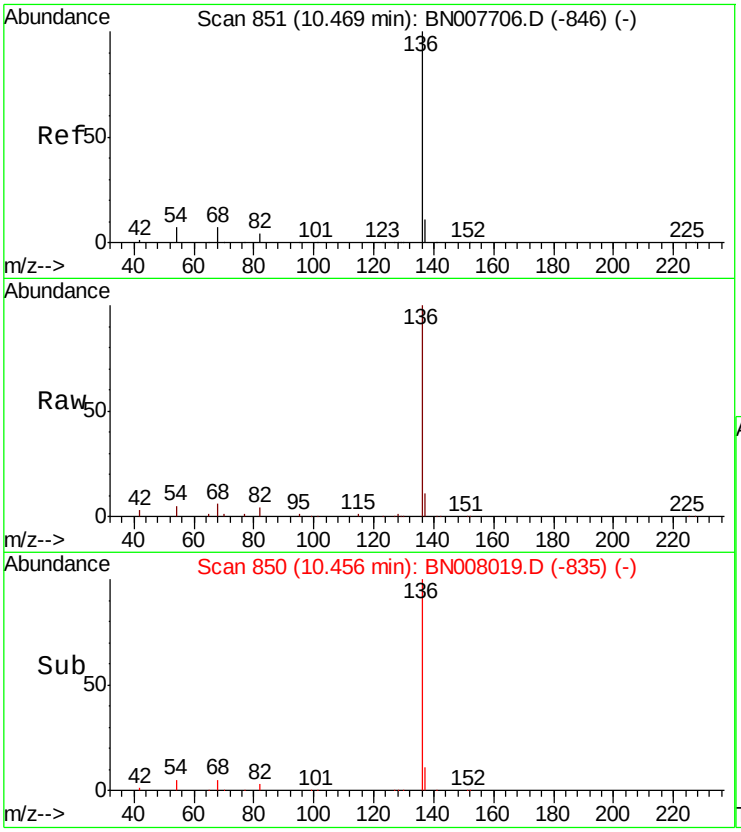


#5
Phenol-d6
Concen: 0.242 ng
RT: 6.89 min Scan# 504
Delta R.T. 0.02 min
Lab File: BN008019.D
Acq: 05 Oct 2019 00:33

Tgt Ion: 99 Resp: 25994

Ion	Ratio	Lower	Upper
99	100		
42	20.5	12.8	19.2#
71	35.9	27.6	41.4



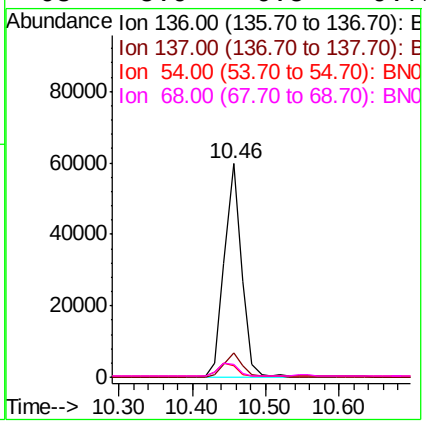


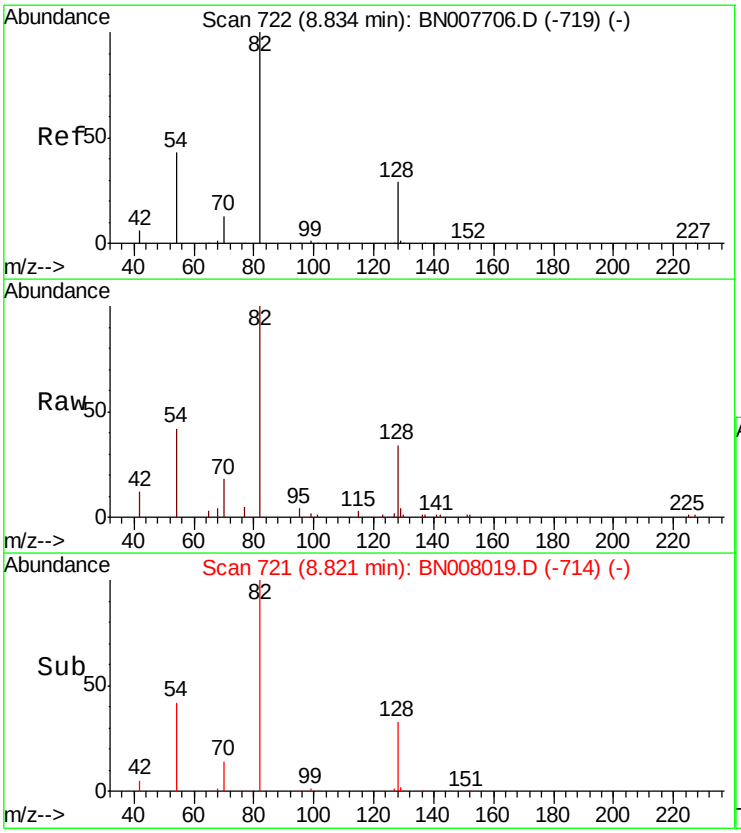
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.46 min Scan# 850
Delta R.T. -0.01 min
Lab File: BN008019.D
Acq: 05 Oct 2019 00:33

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:136 Resp: 97437

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.2	13.8
54	5.2	5.8	8.8#
68	5.9	6.5	9.7#

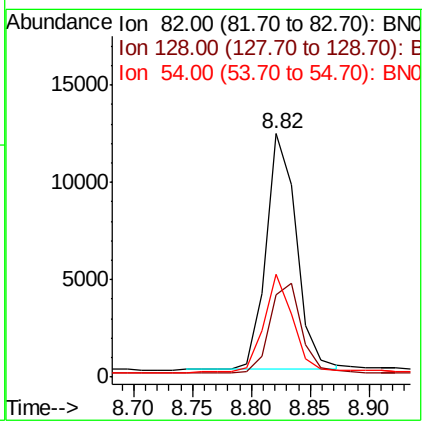


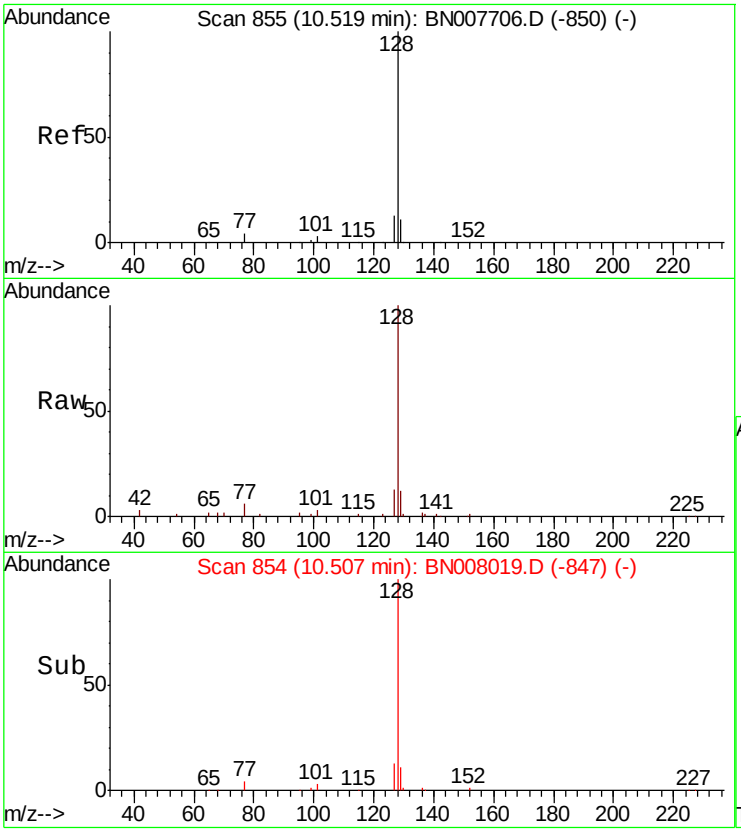


#8
Nitrobenzene-d5
Concen: 0.258 ng
RT: 8.82 min Scan# 721
Delta R.T. -0.01 min
Lab File: BN008019.D
Acq: 05 Oct 2019 00:33

Tgt Ion: 82 Resp: 21953

Ion	Ratio	Lower	Upper
82	100		
128	33.8	24.5	36.7
54	42.2	35.2	52.8



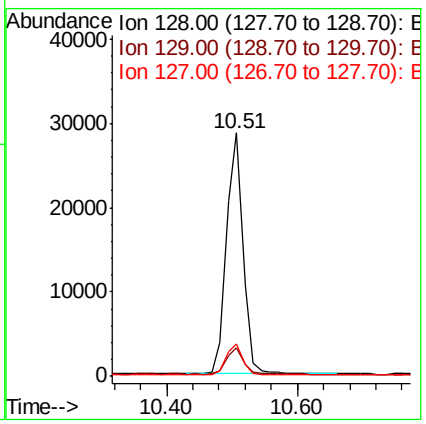


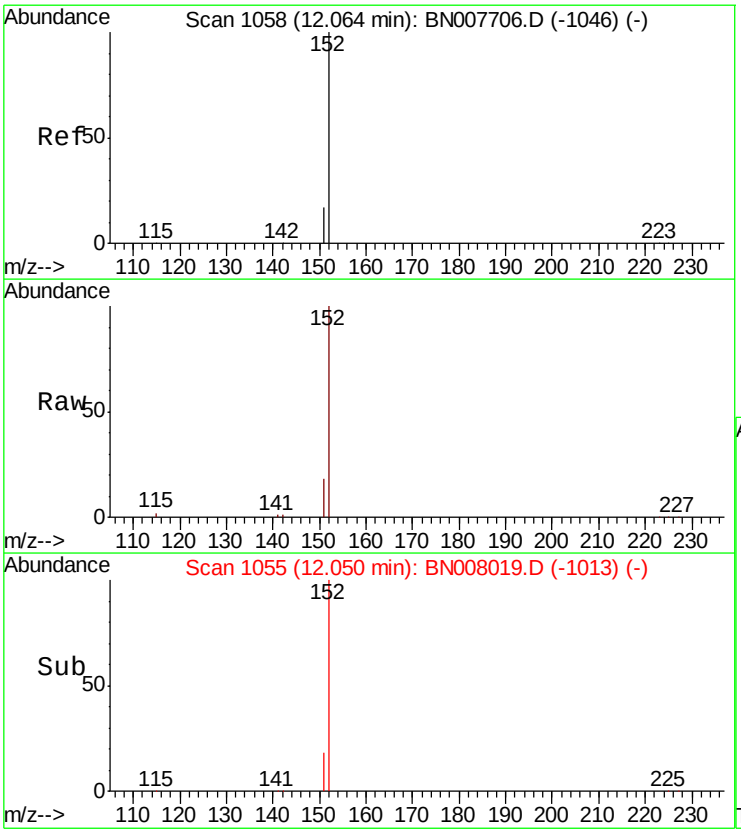
#9
Naphthalene
Concen: 0.183 ng
RT: 10.51 min Scan# 854
Delta R.T. -0.01 min
Lab File: BN008019.D
Acq: 05 Oct 2019 00:33

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:128 Resp: 50174

Ion	Ratio	Lower	Upper
128	100		
129	11.8	9.1	13.7
127	13.3	10.6	15.8

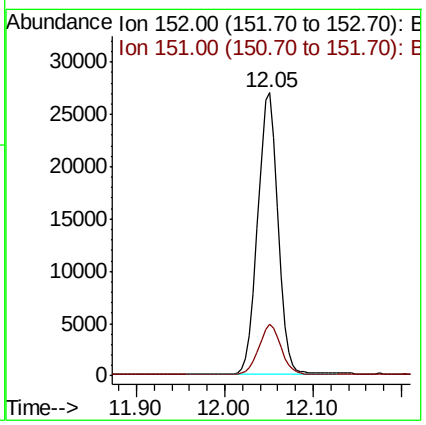


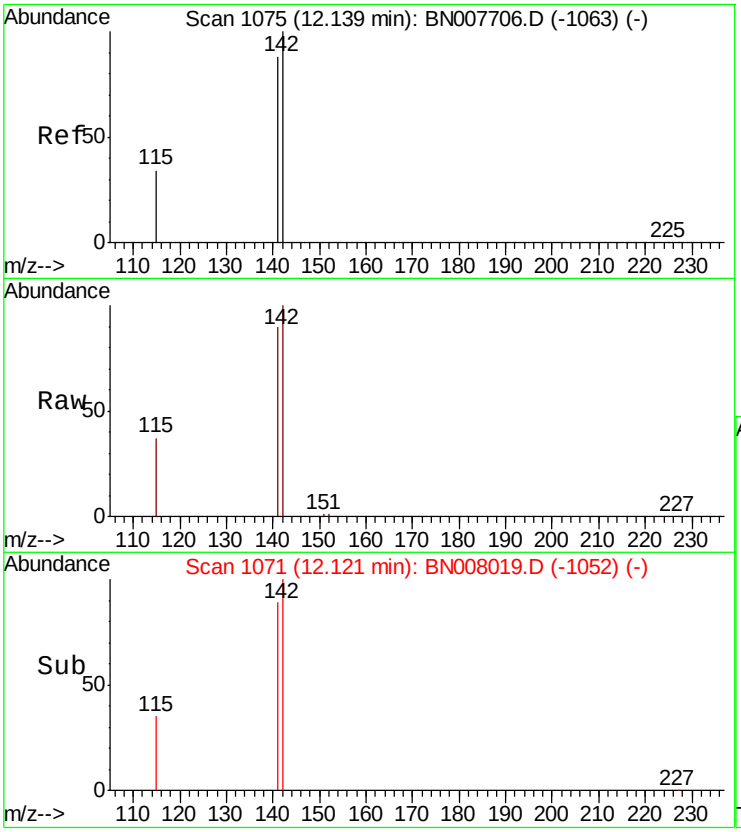


#11
2-Methylnaphthalene-d10
Concen: 0.258 ng
RT: 12.05 min Scan# 1055
Delta R.T. -0.01 min
Lab File: BN008019.D
Acq: 05 Oct 2019 00:33

Tgt Ion:152 Resp: 42358

Ion	Ratio	Lower	Upper
152	100		
151	19.0	15.4	23.2



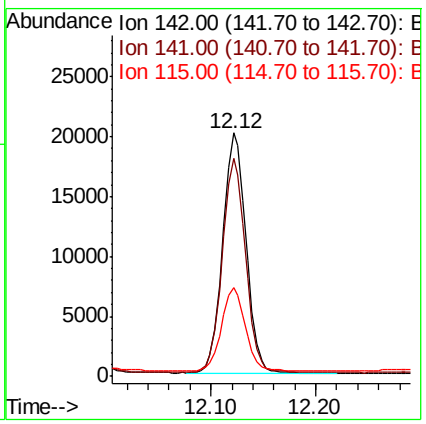


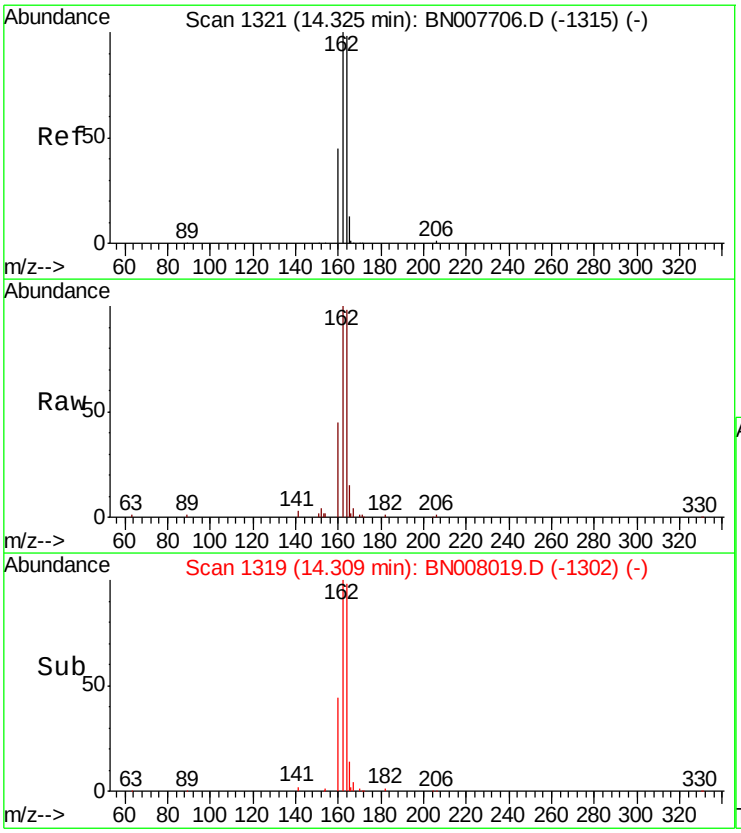
#12
2-Methylnaphthalene
Concen: 0.167 ng
RT: 12.12 min Scan# 1071
Delta R.T. -0.02 min
Lab File: BN008019.D
Acq: 05 Oct 2019 00:33

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:142 Resp: 30931

Ion	Ratio	Lower	Upper
142	100		
141	89.8	70.6	106.0
115	36.6	28.3	42.5

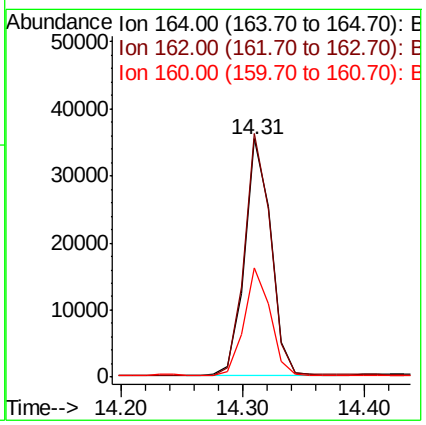


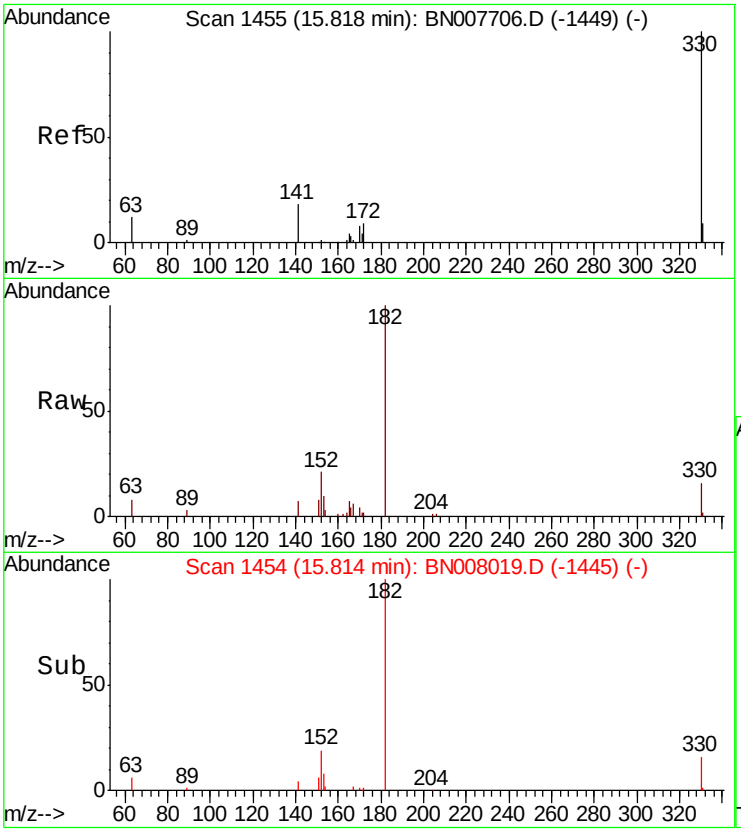


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.31 min Scan# 1319
Delta R.T. -0.02 min
Lab File: BN008019.D
Acq: 05 Oct 2019 00:33

Tgt Ion:164 Resp: 53118

Ion	Ratio	Lower	Upper
164	100		
162	102.3	81.7	122.5
160	45.8	37.0	55.4



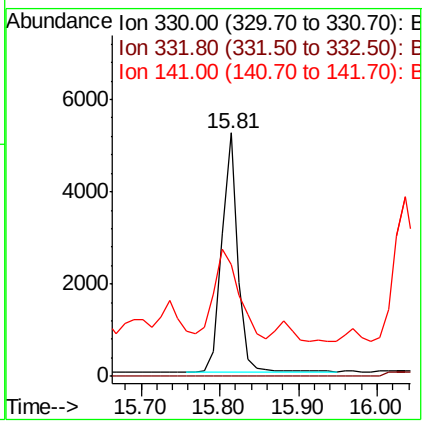


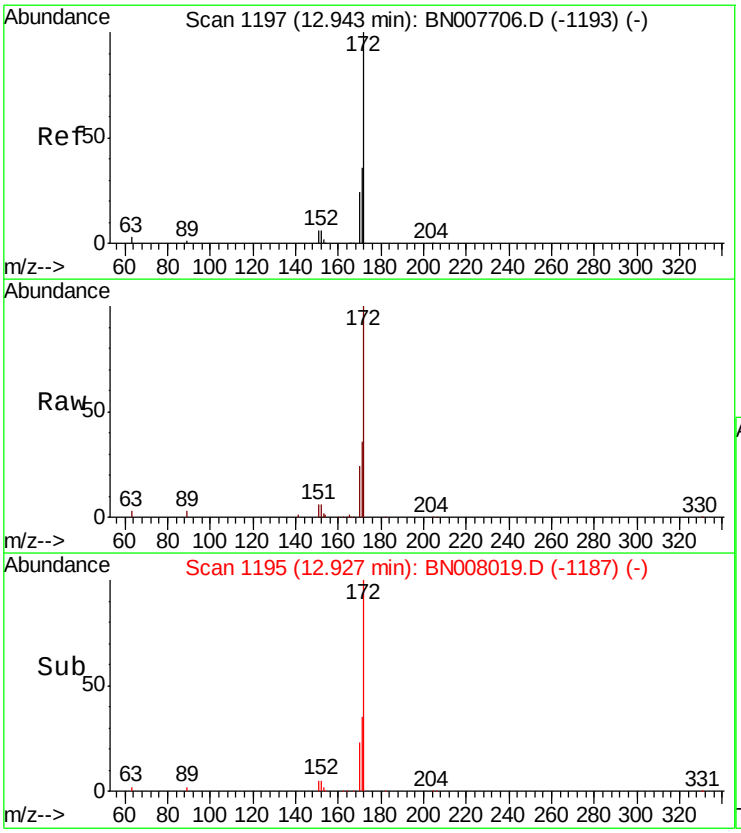
#14
2,4,6-Tribromophenol
Concen: 0.257 ng
RT: 15.81 min Scan# 1454
Delta R.T. -0.00 min
Lab File: BN008019.D
Acq: 05 Oct 2019 00:33

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:330 Resp: 7447

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	56.6	28.7	43.1#

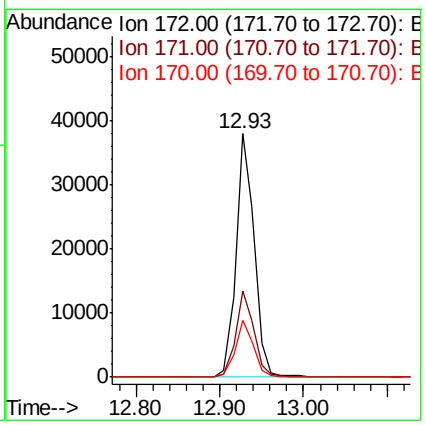


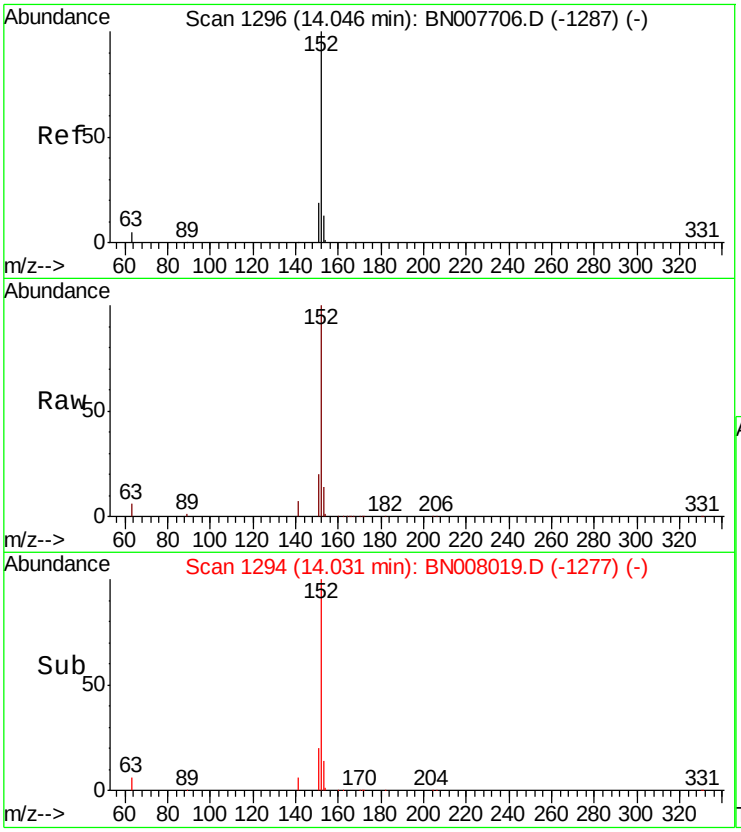


#15
2-Fluorobiphenyl
Concen: 0.257 ng
RT: 12.93 min Scan# 1195
Delta R.T. -0.02 min
Lab File: BN008019.D
Acq: 05 Oct 2019 00:33

Tgt Ion:172 Resp: 56176

Ion	Ratio	Lower	Upper
172	100		
171	35.6	28.8	43.2
170	23.5	19.5	29.3



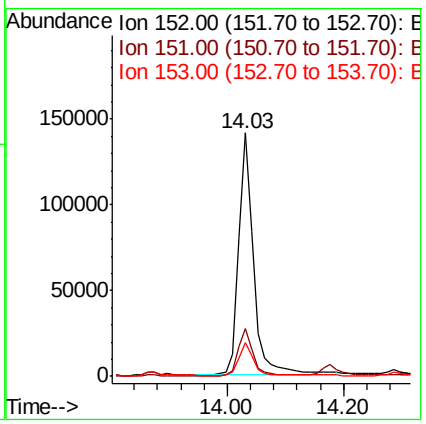


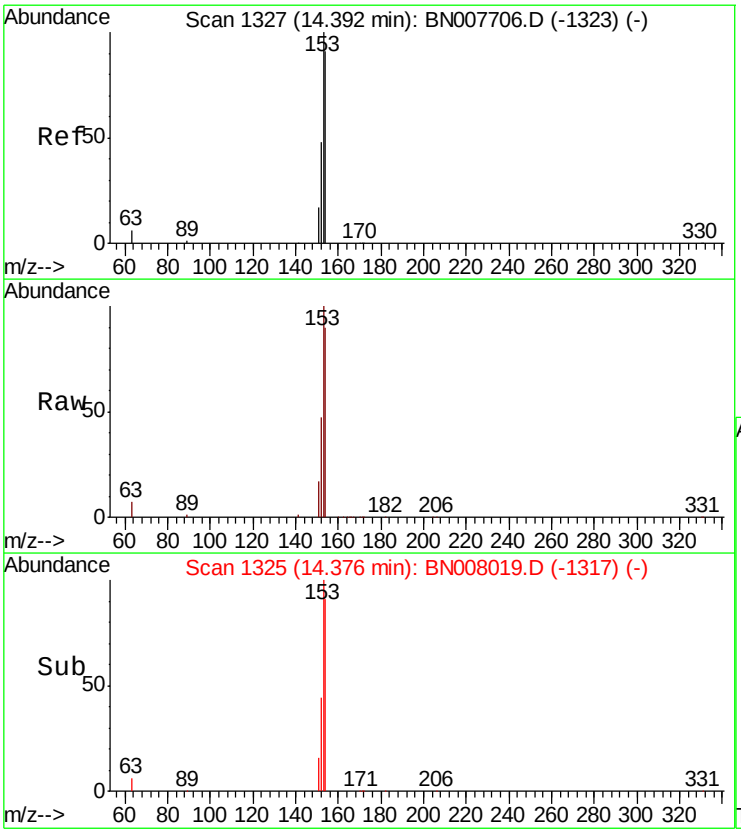
#16
Acenaphthylene
Concen: 0.910 ng
RT: 14.03 min Scan# 1294
Delta R.T. -0.02 min
Lab File: BN008019.D
Acq: 05 Oct 2019 00:33

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 256390

Ion	Ratio	Lower	Upper
152	100		
151	19.4	15.5	23.3
153	13.3	10.4	15.6

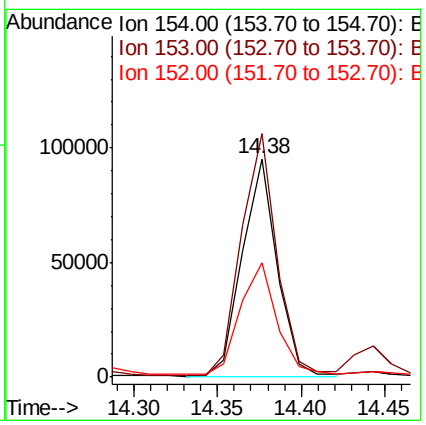


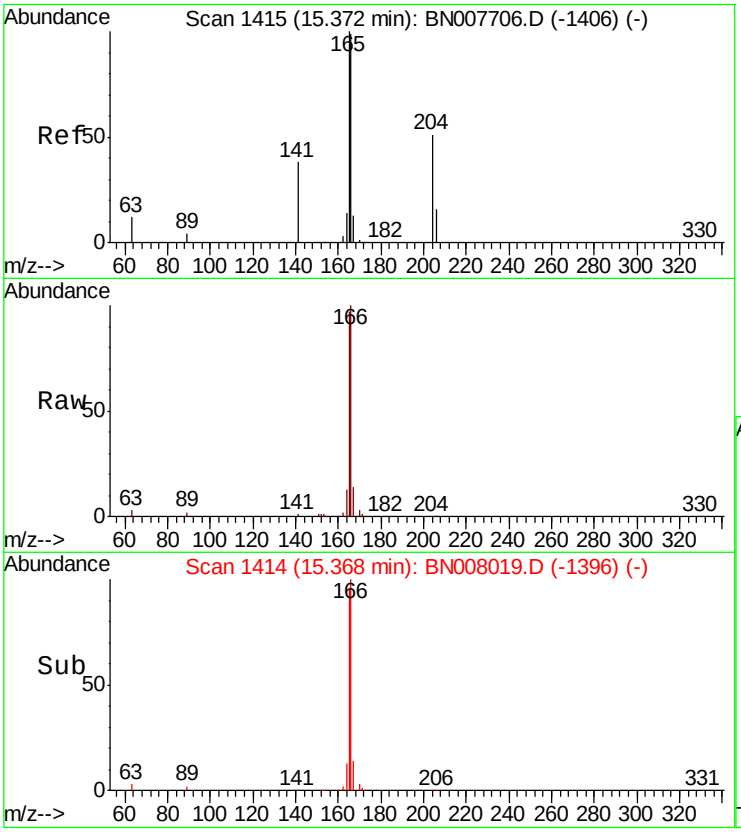


#17
Acenaphthene
Concen: 0.752 ng
RT: 14.38 min Scan# 1325
Delta R.T. -0.02 min
Lab File: BN008019.D
Acq: 05 Oct 2019 00:33

Tgt Ion:154 Resp: 136590

Ion	Ratio	Lower	Upper
154	100		
153	112.8	87.0	130.4
152	53.2	42.7	64.1



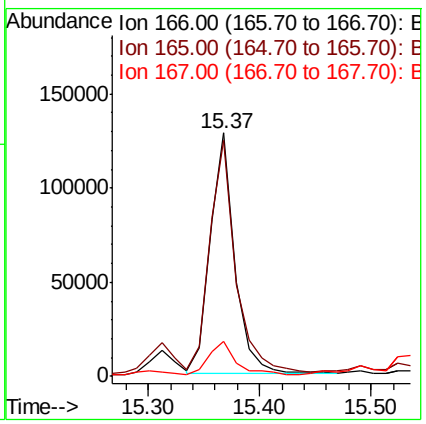


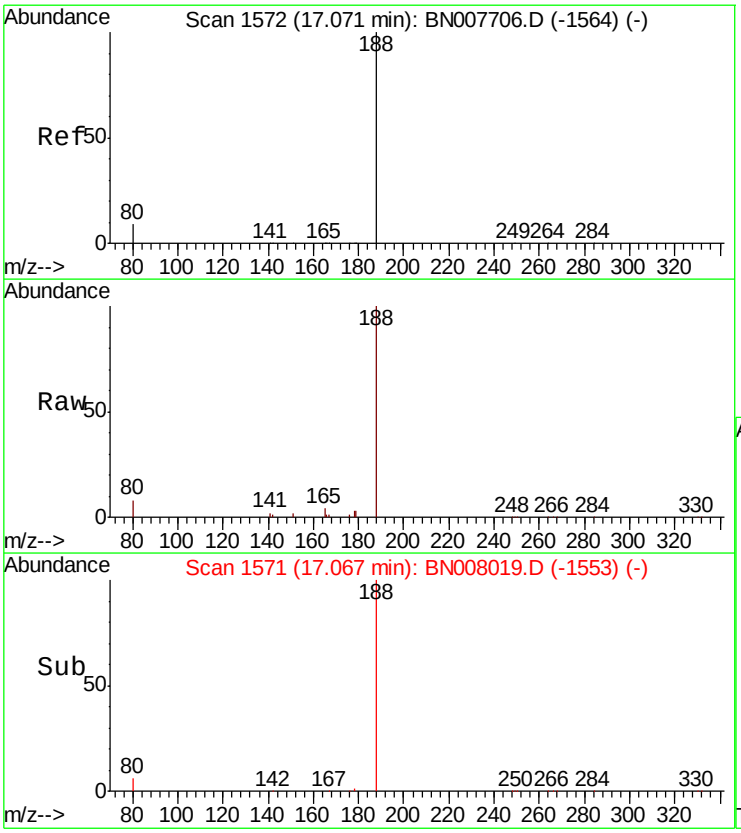
#18
Fluorene
Concen: 0.844 ng
RT: 15.37 min Scan# 1414
Delta R.T. -0.00 min
Lab File: BN008019.D
Acq: 05 Oct 2019 00:33

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:166 Resp: 196535

Ion	Ratio	Lower	Upper
166	100		
165	100.1	78.0	117.0
167	15.5	10.9	16.3

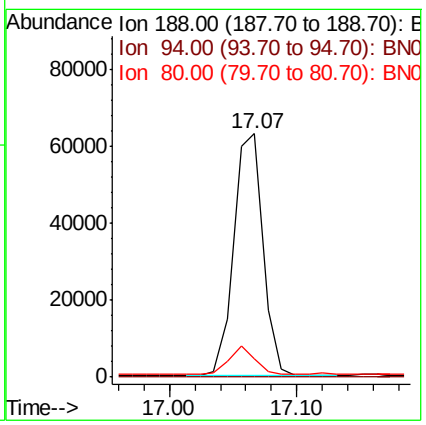


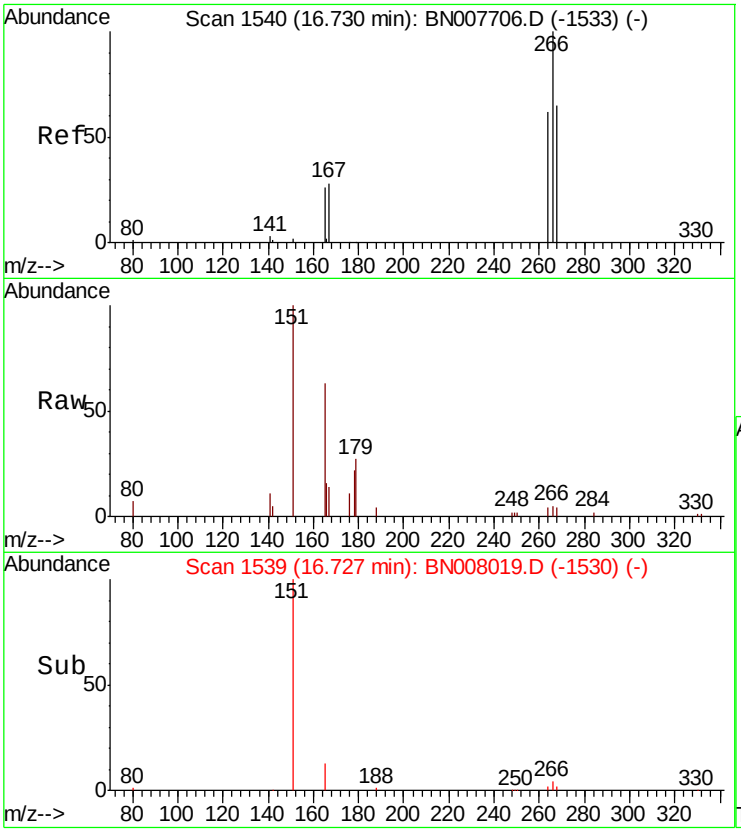


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.07 min Scan# 1571
Delta R.T. -0.00 min
Lab File: BN008019.D
Acq: 05 Oct 2019 00:33

Tgt Ion:188 Resp: 100208

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	7.5	7.4	11.2



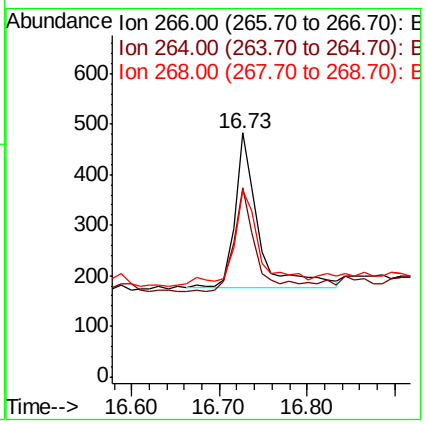


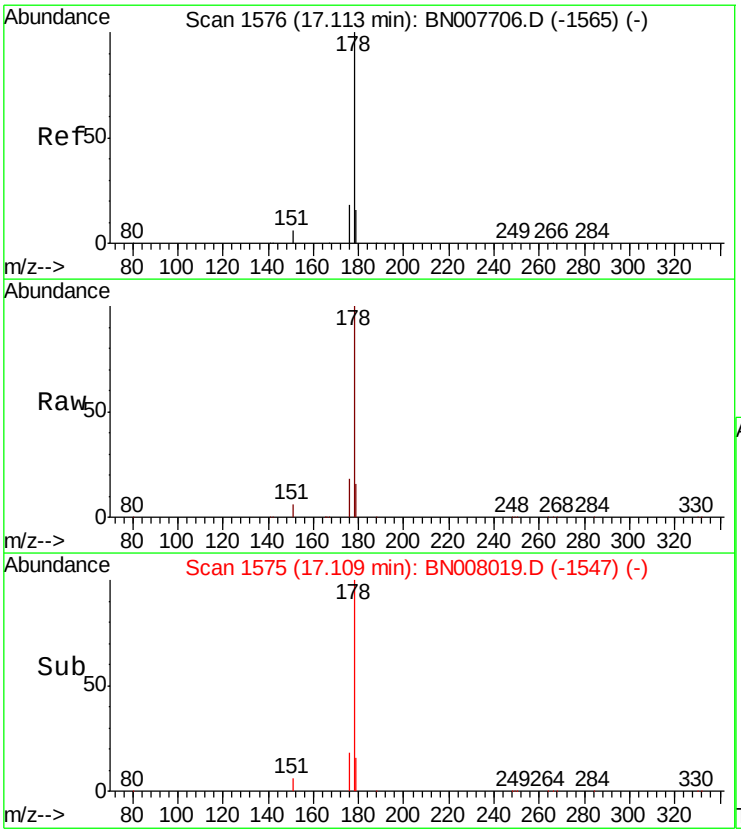
#22
Pentachlorophenol
Concen: 0.023 ng
RT: 16.73 min Scan# 1539
Delta R.T. -0.00 min
Lab File: BN008019.D
Acq: 05 Oct 2019 00:33

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:266 Resp: 555

Ion	Ratio	Lower	Upper
266	100		
264	77.6	50.0	75.0#
268	76.6	54.2	81.4

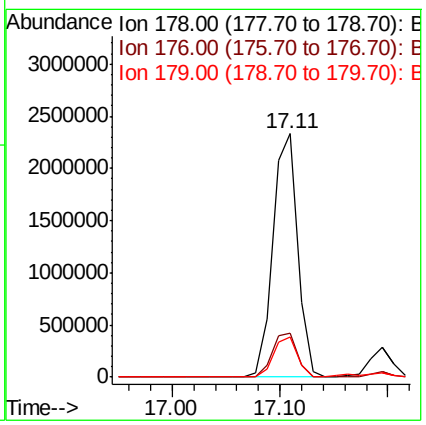


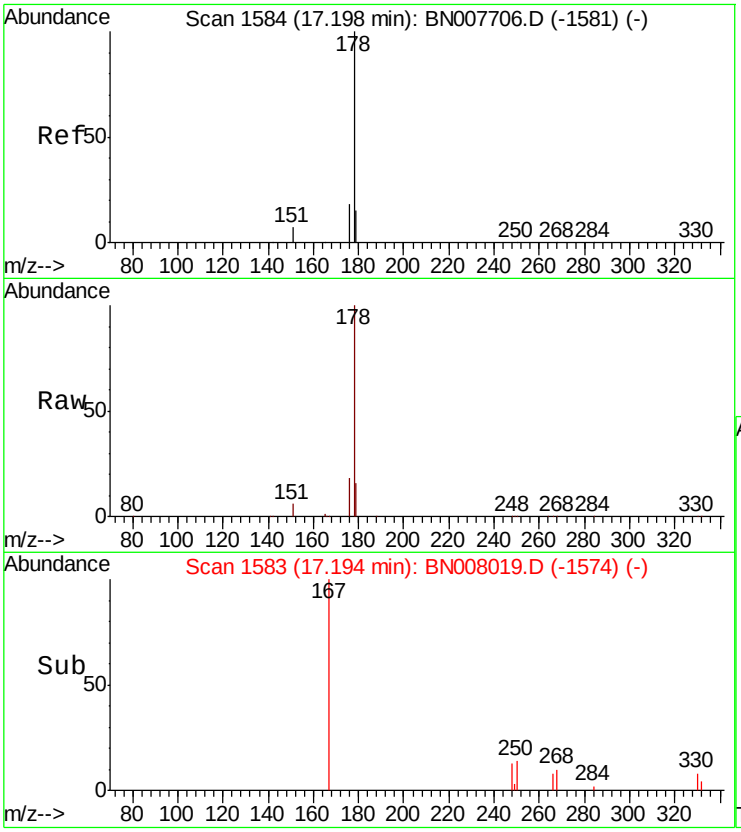


#23
Phenanthrene
Concen: 11.809 ng
RT: 17.11 min Scan# 1575
Delta R.T. -0.00 min
Lab File: BN008019.D
Acq: 05 Oct 2019 00:33

Tgt Ion:178 Resp: 3686463

Ion	Ratio	Lower	Upper
178	100		
176	18.6	14.9	22.3
179	16.1	12.5	18.7



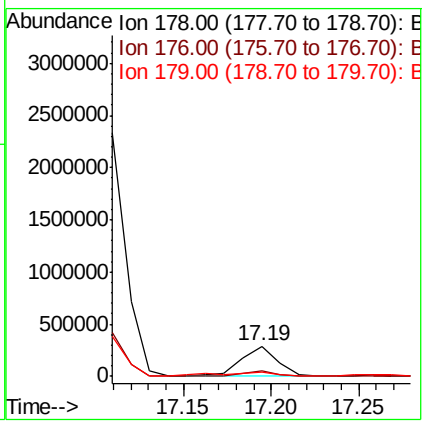


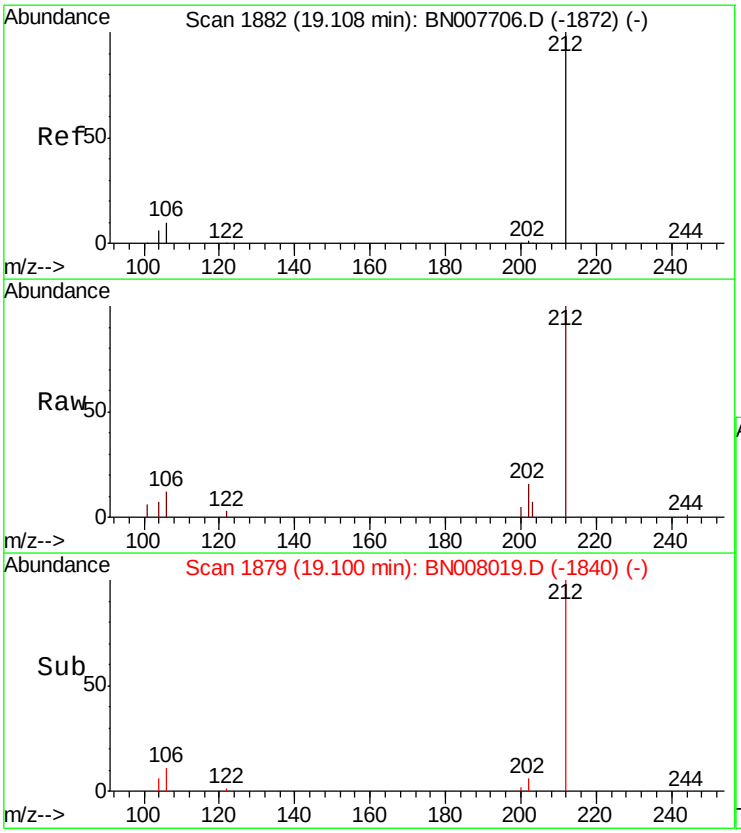
#24
Anthracene
Concen: 1.390 ng
RT: 17.19 min Scan# 1583
Delta R.T. -0.00 min
Lab File: BN008019.D
Acq: 05 Oct 2019 00:33

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:178 Resp: 391971

Ion	Ratio	Lower	Upper
178	100		
176	17.9	14.6	21.8
179	22.5	12.2	18.4#

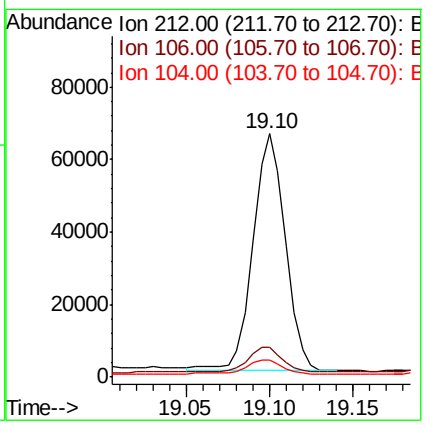


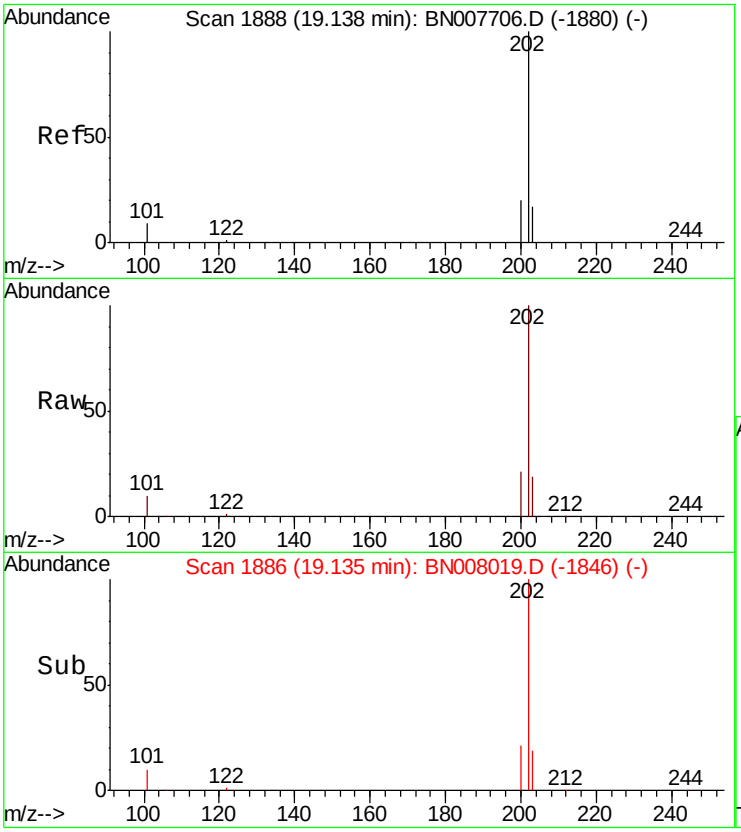


#25
Fluoranthene-d10
Concen: 0.264 ng
RT: 19.10 min Scan# 1879
Delta R.T. -0.01 min
Lab File: BN008019.D
Acq: 05 Oct 2019 00:33

Tgt Ion:212 Resp: 89183

Ion	Ratio	Lower	Upper
212	100		
106	10.8	9.4	14.0
104	7.2	5.3	7.9



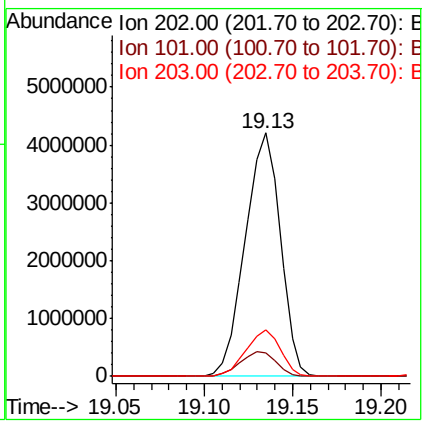


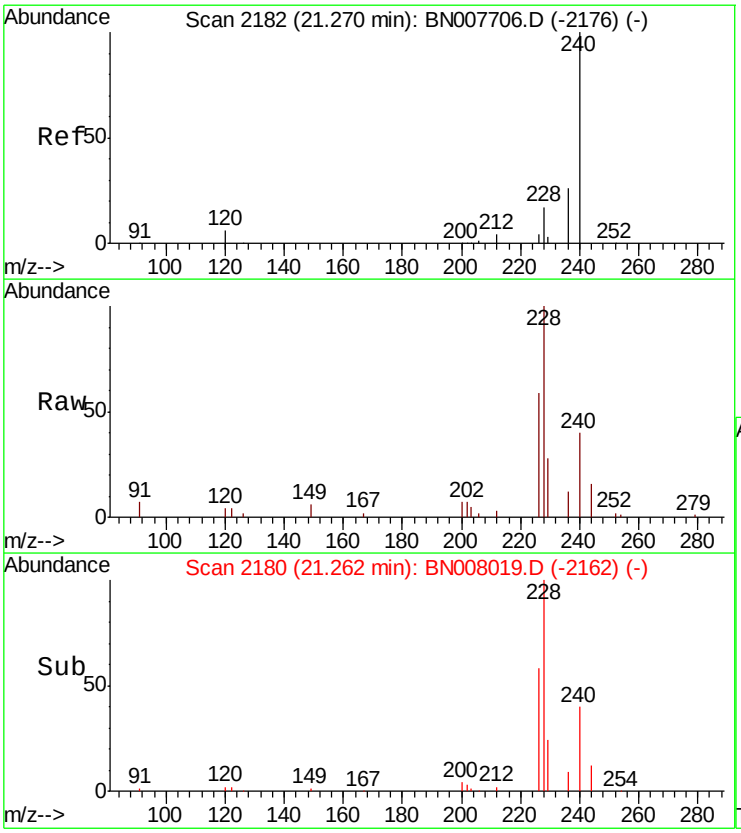
#26
Fluoranthene
Concen: 14.878 ng
RT: 19.13 min Scan# 1886
Delta R.T. -0.00 min
Lab File: BN008019.D
Acq: 05 Oct 2019 00:33

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:202 Resp: 5775158

Ion	Ratio	Lower	Upper
202	100		
101	10.2	8.4	12.6
203	18.5	13.8	20.8

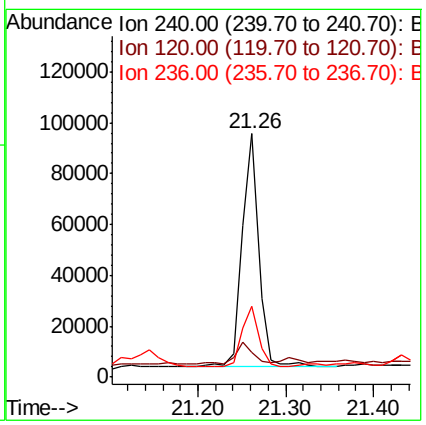


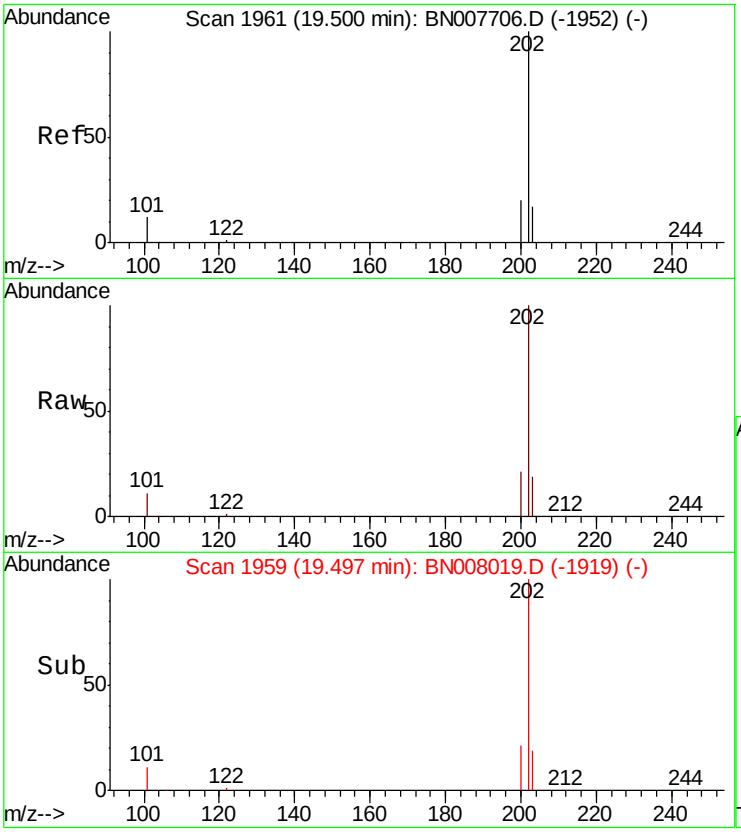


#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.26 min Scan# 2180
Delta R.T. -0.01 min
Lab File: BN008019.D
Acq: 05 Oct 2019 00:33

Tgt Ion:240 Resp: 121898

Ion	Ratio	Lower	Upper
240	100		
120	9.9	5.4	8.2#
236	29.0	21.0	31.4



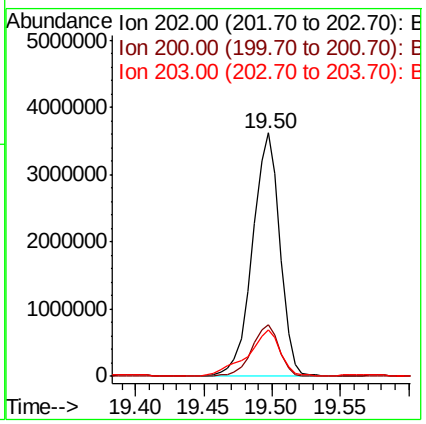


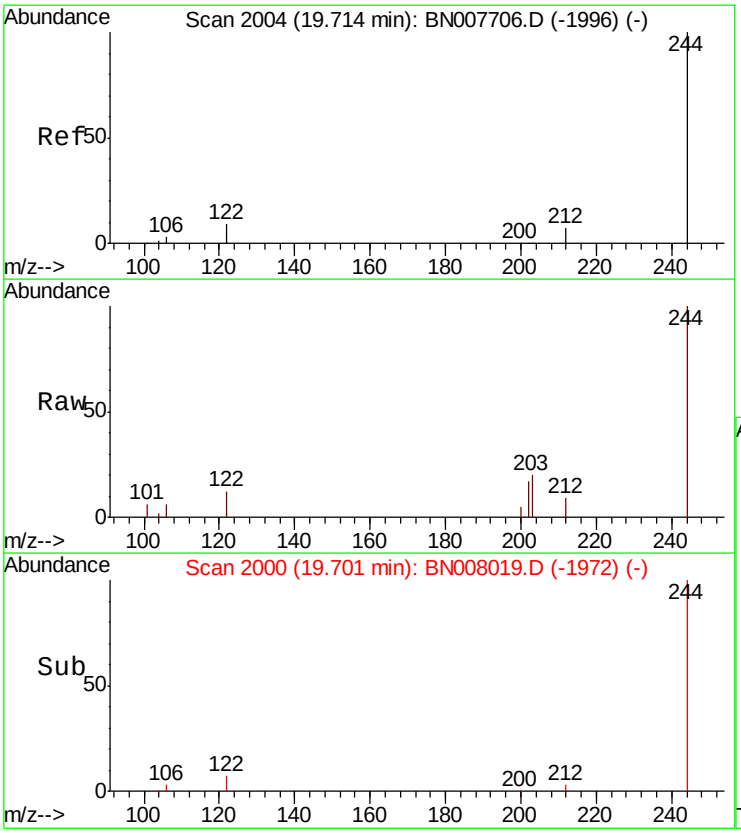
#28
Pyrene
Concen: 12.157 ng
RT: 19.50 min Scan# 1959
Delta R.T. -0.00 min
Lab File: BN008019.D
Acq: 05 Oct 2019 00:33

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:202 Resp: 5054137

Ion	Ratio	Lower	Upper
202	100		
200	20.9	16.4	24.6
203	22.6	14.1	21.1#

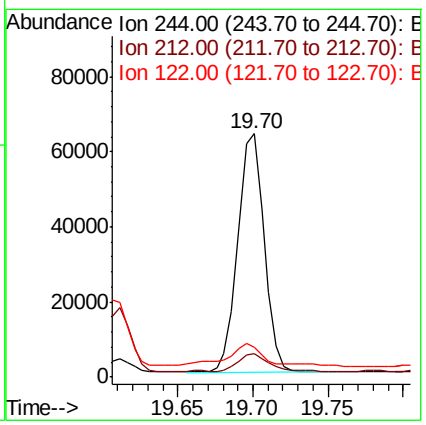


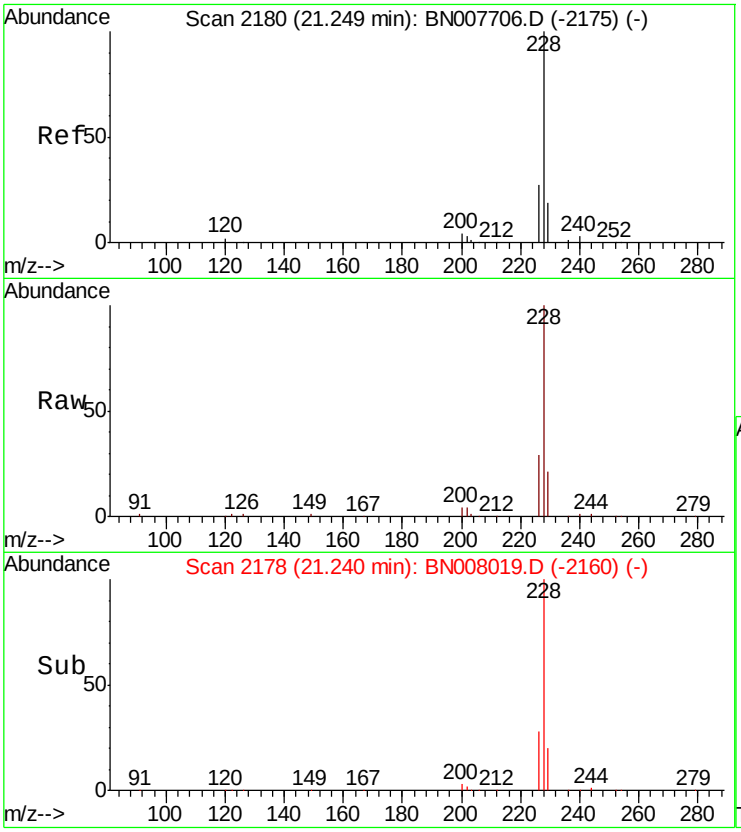


#29
Terphenyl-d14
Concen: 0.259 ng
RT: 19.70 min Scan# 2000
Delta R.T. -0.01 min
Lab File: BN008019.D
Acq: 05 Oct 2019 00:33

Tgt Ion:244 Resp: 77566

Ion	Ratio	Lower	Upper
244	100		
212	9.4	5.9	8.9#
122	12.2	7.4	11.2#



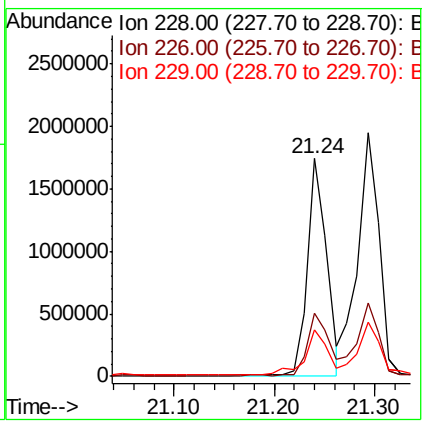


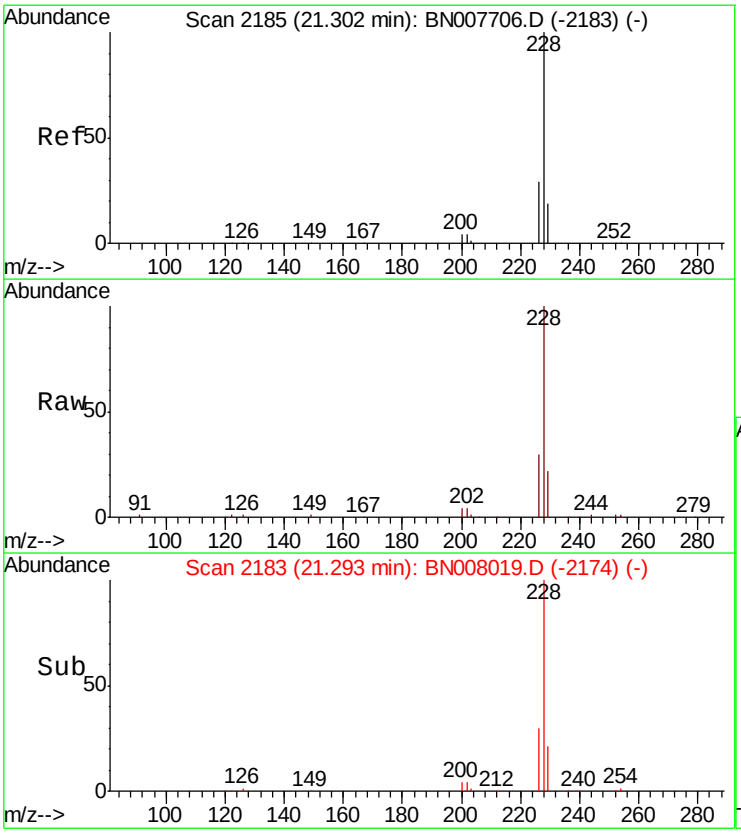
#30
Benzo(a)anthracene
Concen: 5.211 ng
RT: 21.24 min Scan# 2178
Delta R.T. -0.01 min
Lab File: BN008019.D
Acq: 05 Oct 2019 00:33

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:228 Resp: 2339322

Ion	Ratio	Lower	Upper
228	100		
226	28.7	22.1	33.1
229	21.1	15.8	23.6

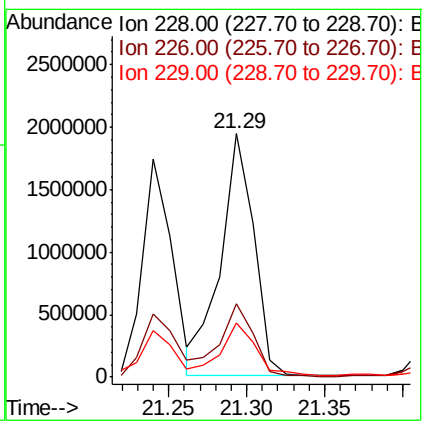


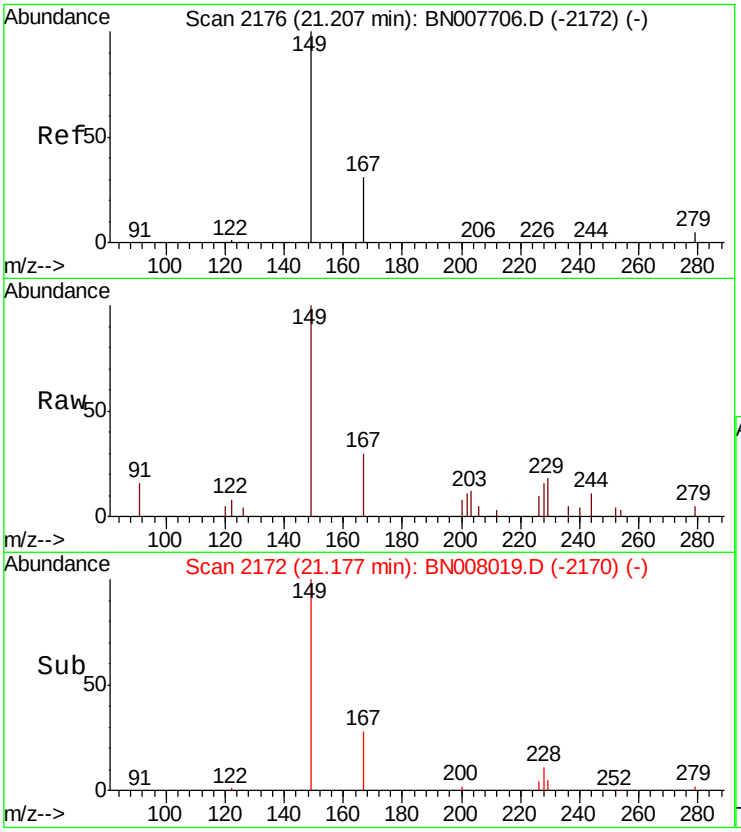


#31
Chrysene
Concen: 6.585 ng
RT: 21.29 min Scan# 2183
Delta R.T. -0.01 min
Lab File: BN008019.D
Acq: 05 Oct 2019 00:33

Tgt Ion:228 Resp: 2881050

Ion	Ratio	Lower	Upper
228	100		
226	30.1	23.9	35.9
229	22.0	15.8	23.6



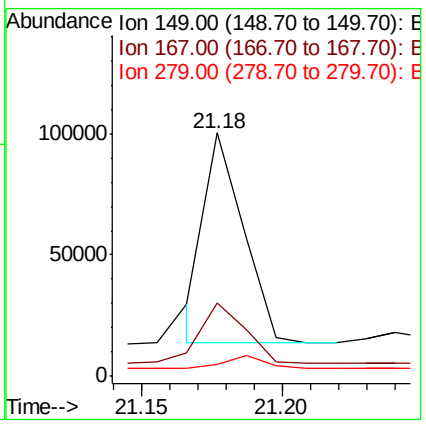


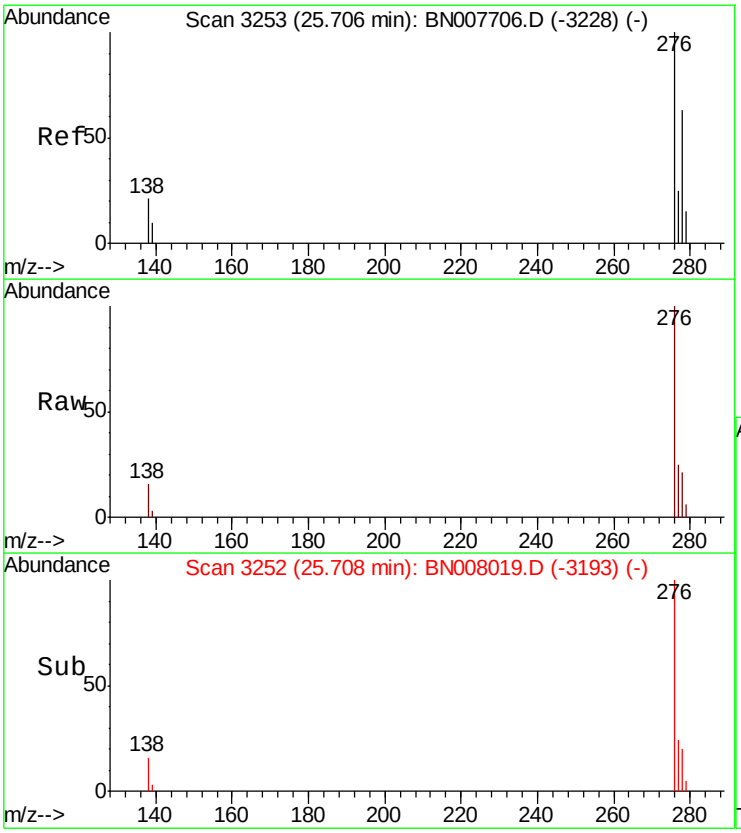
#32
Bis(2-ethylhexyl)phthalate
Concen: 0.362 ng
RT: 21.18 min Scan# 2172
Delta R.T. -0.03 min
Lab File: BN008019.D
Acq: 05 Oct 2019 00:33

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:149 Resp: 83520

Ion	Ratio	Lower	Upper
149	100		
167	30.4	23.7	35.5
279	6.7	4.2	6.2#

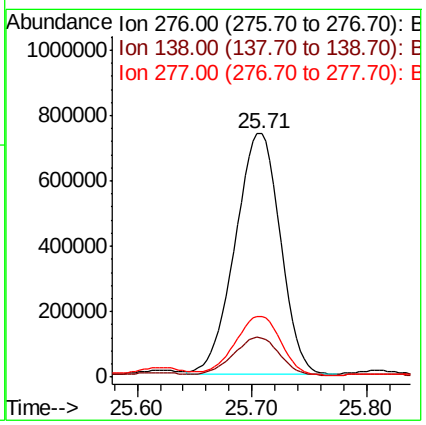


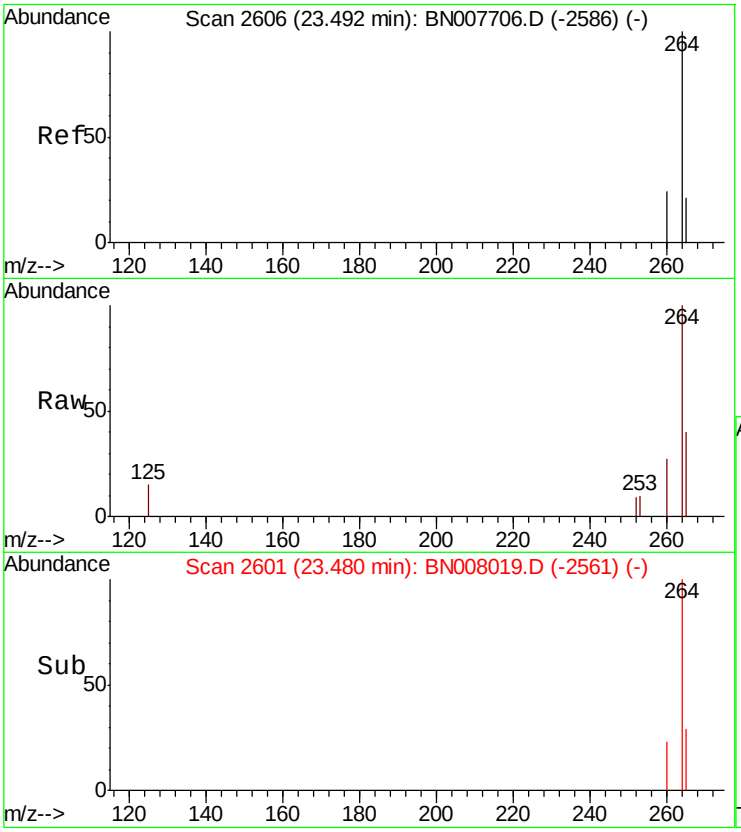


#33
Indeno(1,2,3-cd)pyrene
Concen: 3.682 ng
RT: 25.71 min Scan# 3252
Delta R.T. 0.00 min
Lab File: BN008019.D
Acq: 05 Oct 2019 00:33

Tgt Ion:276 Resp: 2016669

Ion	Ratio	Lower	Upper
276	100		
138	15.8	17.1	25.7#
277	24.6	20.0	30.0



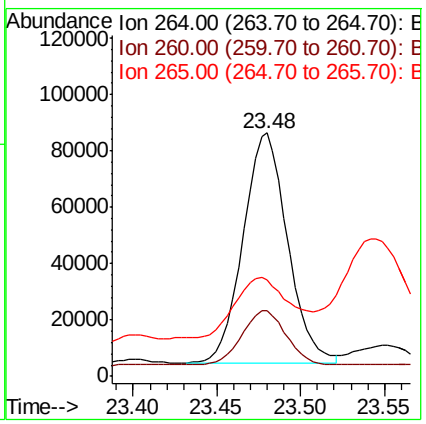


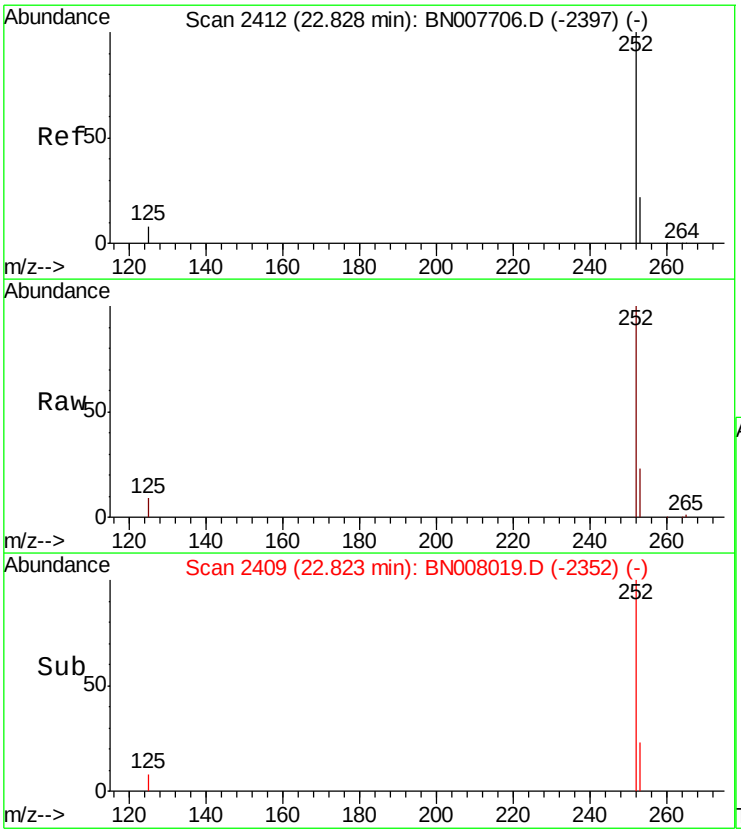
#34
Perylene-d12
Concen: 0.400 ng
RT: 23.48 min Scan# 2601
Delta R.T. -0.01 min
Lab File: BN008019.D
Acq: 05 Oct 2019 00:33

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:264 Resp: 151157

Ion	Ratio	Lower	Upper
264	100		
260	27.1	19.3	28.9
265	39.5	26.9	40.3

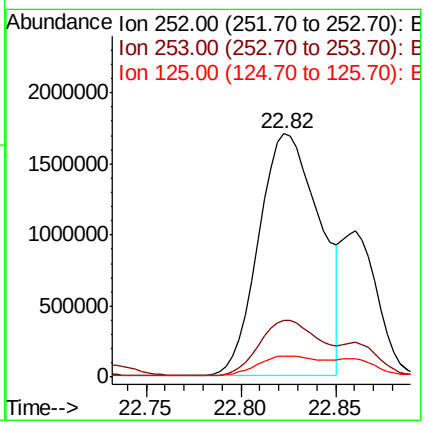


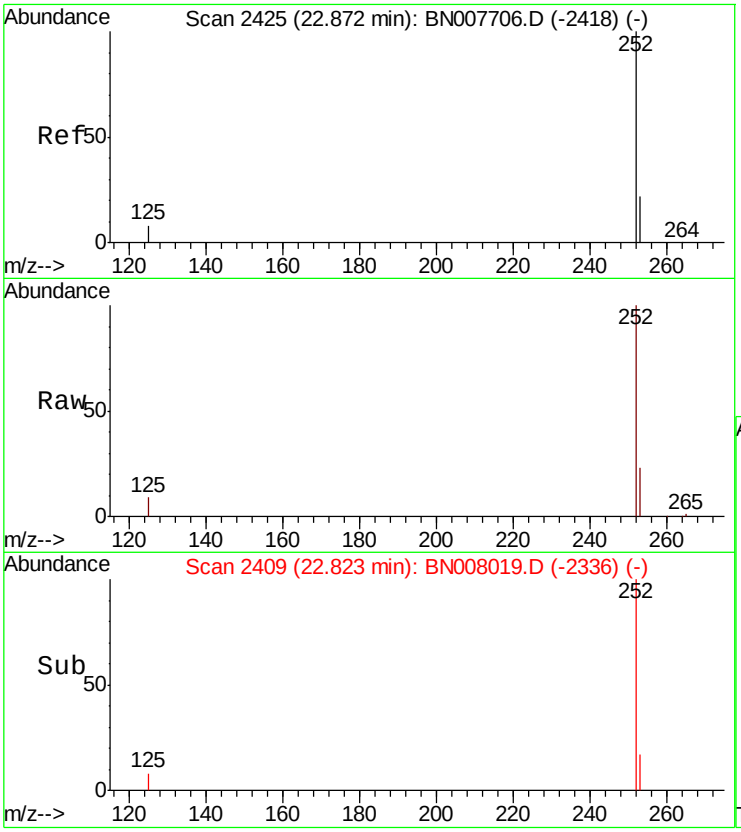


#35
Benzo(b)fluoranthene
Concen: 7.325 ng
RT: 22.82 min Scan# 2409
Delta R.T. -0.00 min
Lab File: BN008019.D
Acq: 05 Oct 2019 00:33

Tgt Ion:252 Resp: 3844060

Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.3	27.5
125	8.8	8.2	12.4



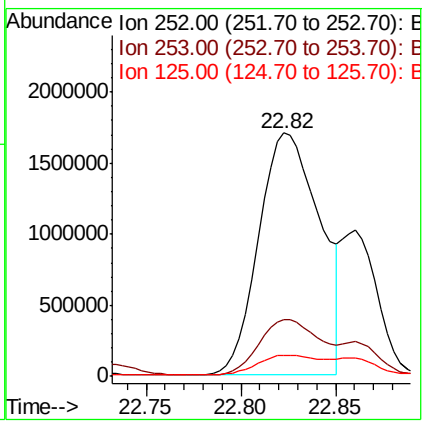


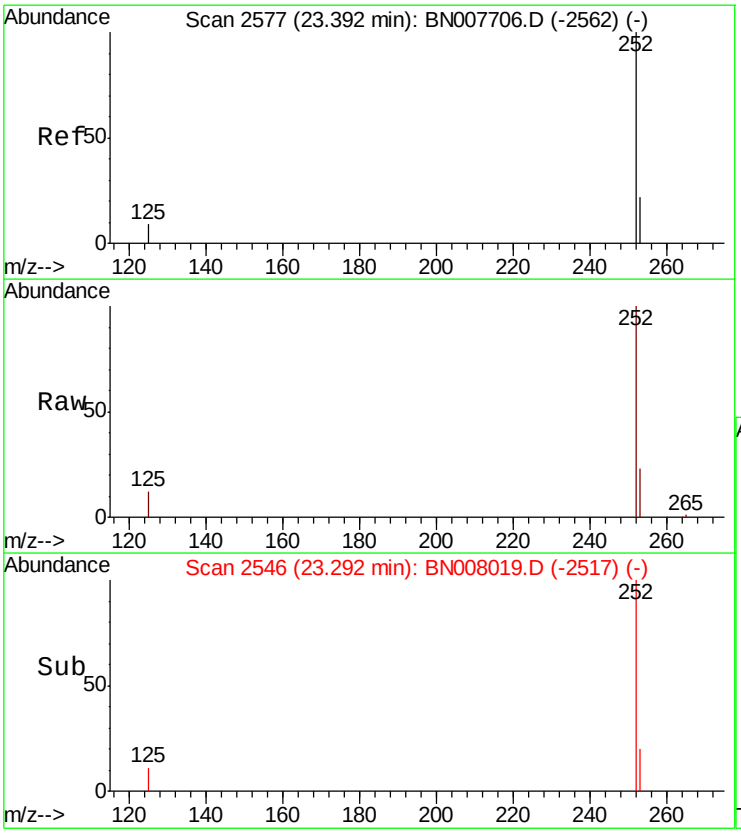
#36
Benzo(k)fluoranthene
Concen: 7.408 ng
RT: 22.82 min Scan# 2409
Delta R.T. -0.05 min
Lab File: BN008019.D
Acq: 05 Oct 2019 00:33

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 3844060

Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.5	27.7
125	8.8	8.4	12.6

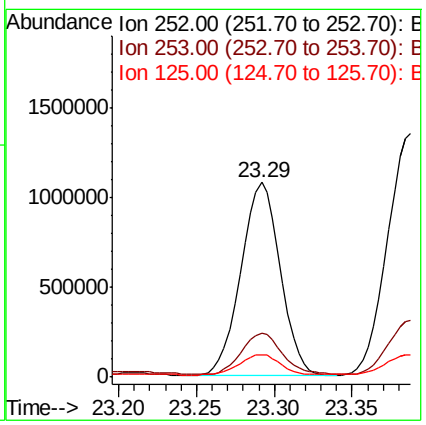


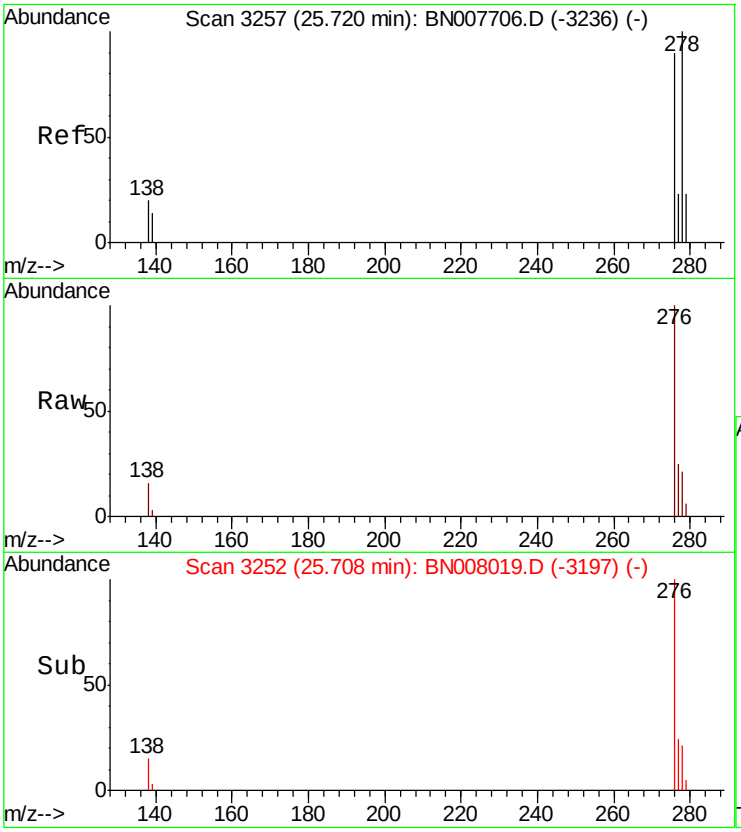


#37
Benzo(a)pyrene
Concen: 3.824 ng
RT: 23.29 min Scan# 2546
Delta R.T. -0.10 min
Lab File: BN008019.D
Acq: 05 Oct 2019 00:33

Tgt Ion:252 Resp: 1885762

Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.6	27.8
125	11.7	9.4	14.0



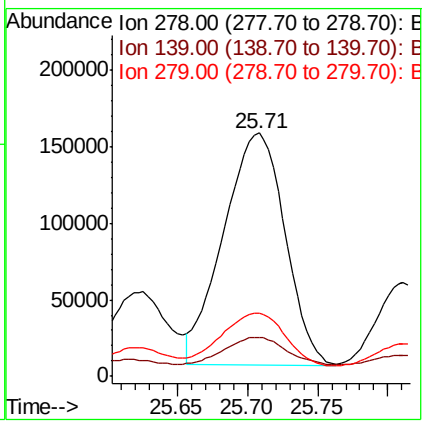


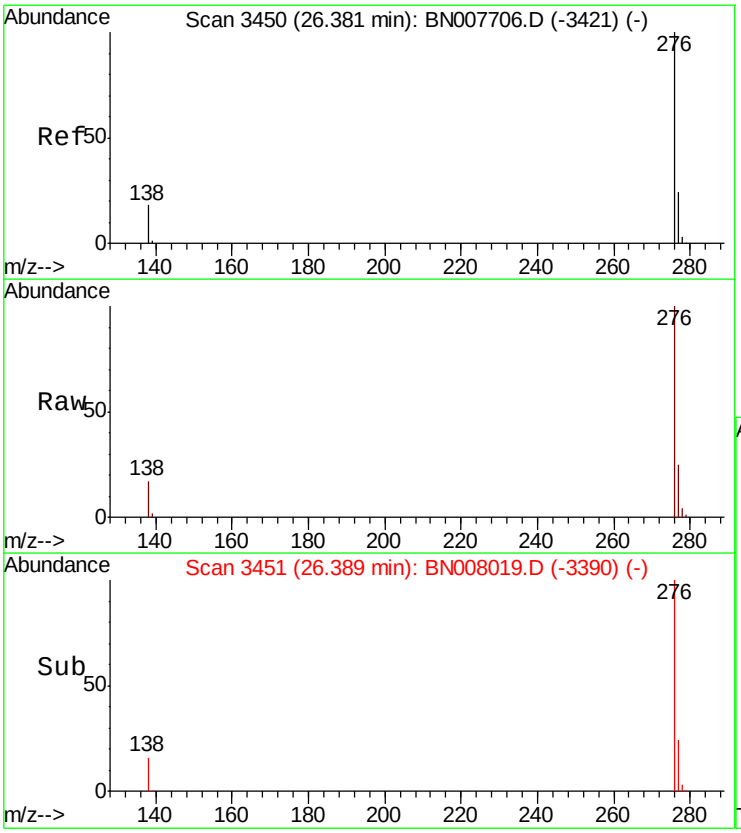
#38
Dibenzo(a,h)anthracene
Concen: 0.918 ng
RT: 25.71 min Scan# 3252
Delta R.T. -0.01 min
Lab File: BN008019.D
Acq: 05 Oct 2019 00:33

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:278 Resp: 463219

Ion	Ratio	Lower	Upper
278	100		
139	16.1	11.8	17.6
279	25.9	19.4	29.2





#39
Benzo(g,h,i)perylene
Concen: 3.922 ng
RT: 26.39 min Scan# 3451
Delta R.T. 0.01 min
Lab File: BN008019.D
Acq: 05 Oct 2019 00:33

Tgt Ion:276 Resp: 1958061

Ion	Ratio	Lower	Upper
276	100		
277	24.7	19.8	29.8
138	16.8	15.1	22.7