Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN100519\
Data File : BN008032.D
Acq On : 05 Oct 2019 18:50
Operator : JU
Sample : K5078-05RE
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : EXT-024-SW069-092519

Quant Time: Oct 07 00:15:39 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	7.68	152	3647	0.40	ng		-0.02
7) Naphthalene-d8	10.44	136	14576	0.40	ng		-0.03
13) Acenaphthene-d10	14.30	164	9228	0.40	ng		-0.02
19) Phenanthrene-d10	17.05	188	18618	0.40	ng		-0.02
27) Chrysene-d12	21.25	240	19684	0.40	ng		-0.02
34) Perylene-d12	23.46	264	22750	0.40	ng		-0.03
System Monitoring Compounds							
4) 2-Fluorophenol	5.30	112	2001	0.16	ng		-0.02
5) Phenol-d6	6.87	99	2503	0.16	ng		0.00
8) Nitrobenzene-d5	8.82	82	2370	0.19	ng		-0.01
11) 2-Methylnaphthalene-d10	12.04	152	4487	0.18	ng		-0.02
14) 2,4,6-Tribromophenol	15.81	330	911	0.18	ng		-0.01
15) 2-Fluorobiphenyl	12.92	172	6132	0.16	ng		-0.02
25) Fluoranthene-d10	19.09	212	10871	0.17	ng		-0.02
29) Terphenyl-d14	19.69	244	9285	0.19	ng		-0.02
Target Compounds							Qvalue
3) n-Nitrosodimethylamine	2.97	42	4693	2.521	ng	#	84
9) Naphthalene	10.49	128	3974	0.097	ng	#	87
12) 2-Methylnaphthalene	12.11	142	5580	0.202	ng		95
16) Acenaphthylene	14.02	152	101318	2.070	ng		99
17) Acenaphthene	14.37	154	4690	0.149	ng		95
18) Fluorene	15.36	166	19113	0.473	ng	#	12
22) Pentachlorophenol	16.72	266	121	0.027	ng	#	68
23) Phenanthrene	17.09	178	245218	4.228	ng		100
24) Anthracene	17.19	178	60050	1.146	ng		100
26) Fluoranthene	19.12	202	360706	5.002	ng		99
28) Pyrene	19.48	202	487399	7.260	ng		97
30) Benzo(a)anthracene	21.29	228	252928	3.489	ng		94
31) Chrysene	21.29	228	252783	3.578	ng		96
32) Bis(2-ethylhexyl)phthalate	21.17	149	36927	0.991	ng		99
33) Indeno(1,2,3-cd)pyrene	25.68	276	138048	1.561	ng	#	95
35) Benzo(b)fluoranthene	22.81	252	258875	3.278	ng	#	96
36) Benzo(k)fluoranthene	22.81	252	258875	3.315	ng		96
37) Benzo(a)pyrene	23.37	252	191164	2.576	ng		98
38) Dibenzo(a,h)anthracene	25.68	278	37307	0.491	ng	#	71
39) Benzo(g,h,i)perylene	26.35	276	152968	2.036	ng		98

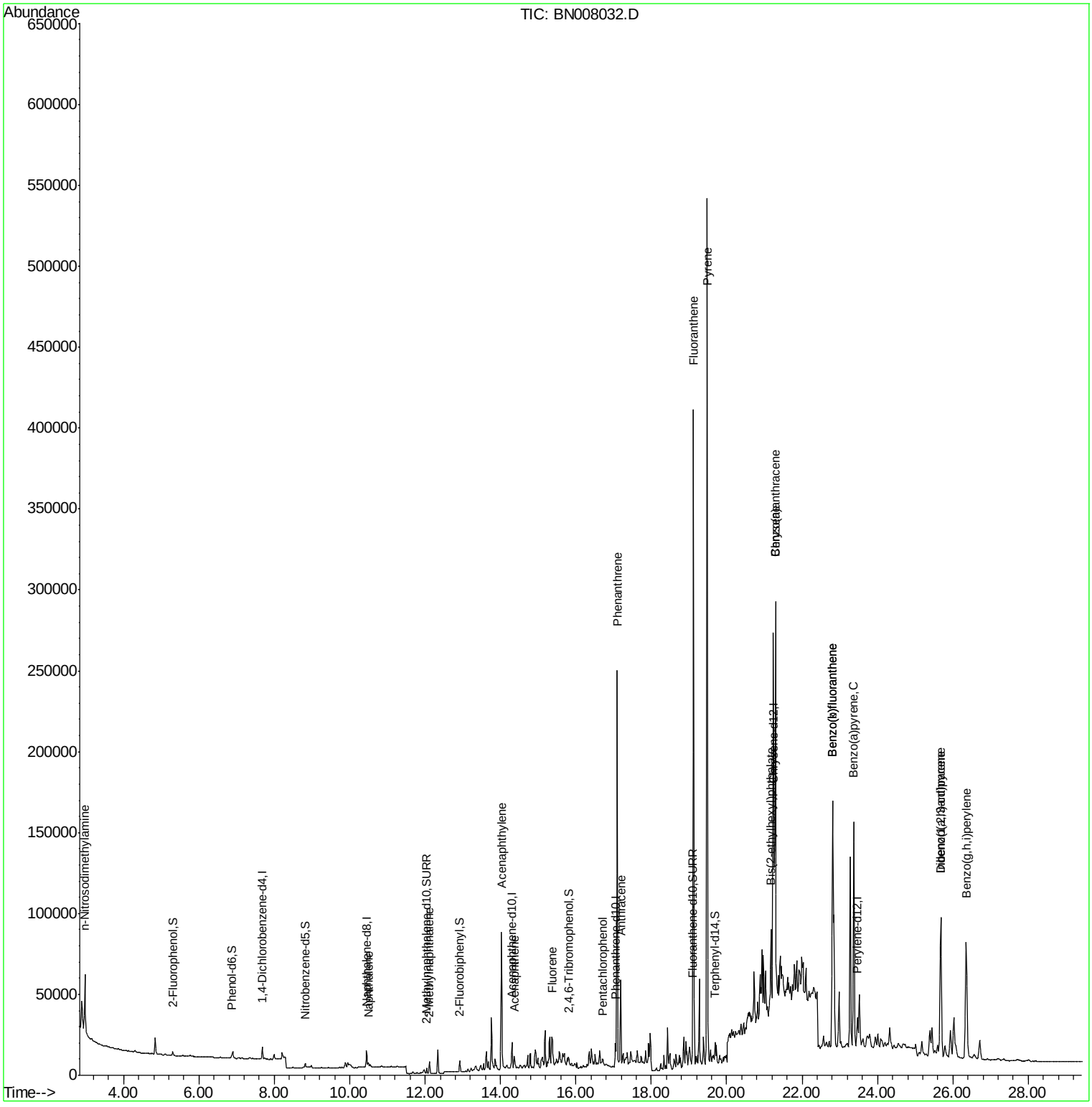
(#) = qualifier out of range (m) = manual integration (+) = signals summed

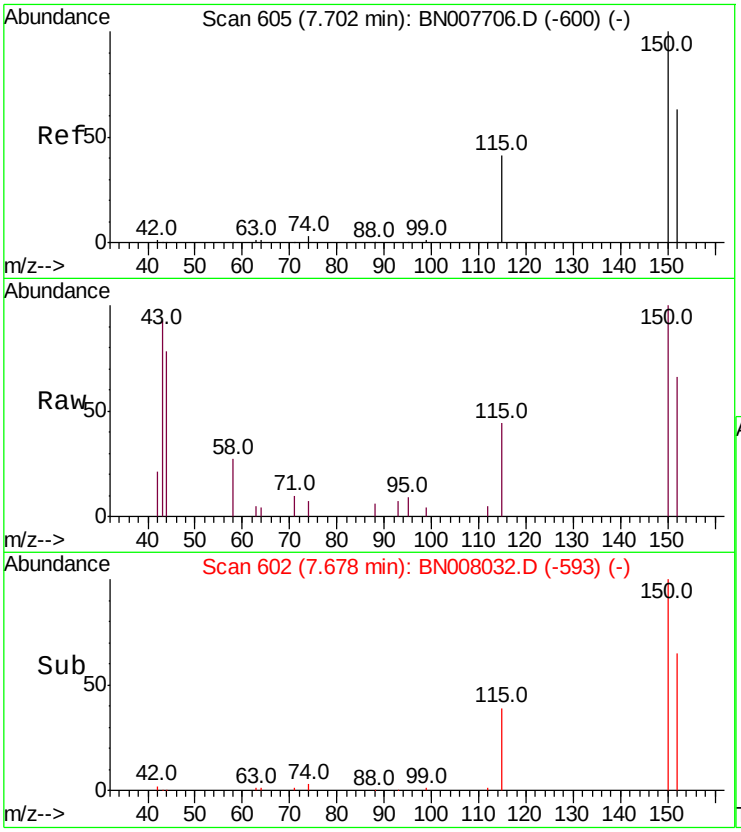
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN100519\
Data File : BN008032.D
Acq On : 05 Oct 2019 18:50
Operator : JU
Sample : K5078-05RE
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
EXT-024-SW069-092519

Quant Time: Oct 07 00:15:39 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



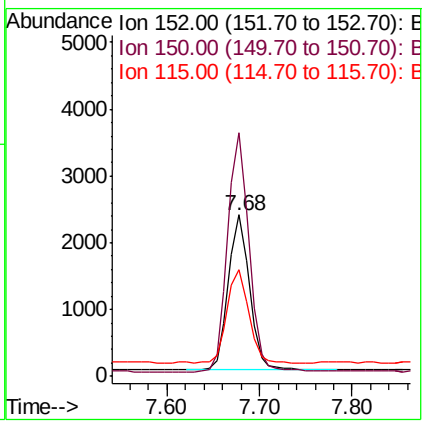


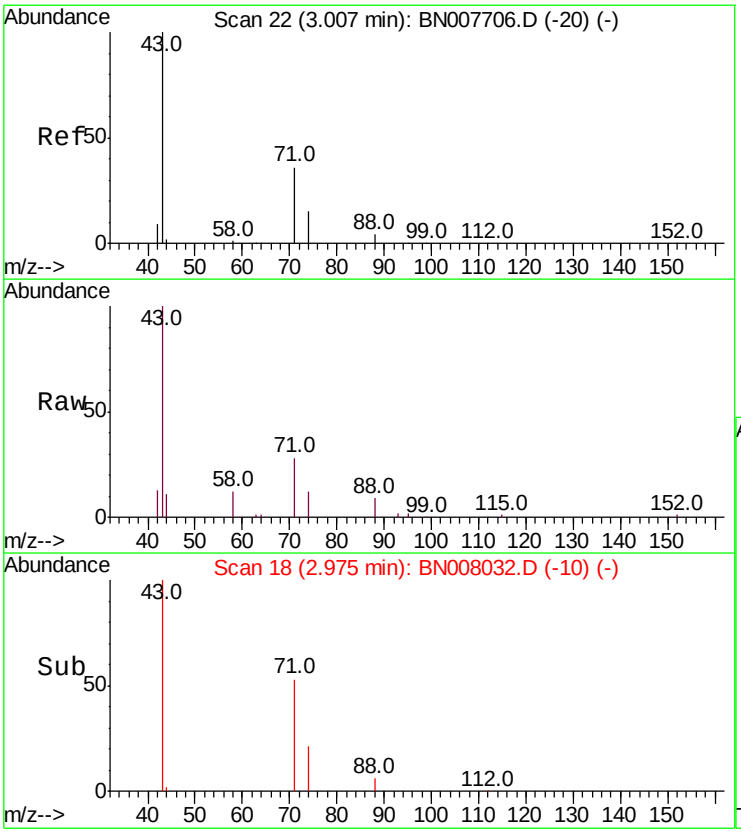
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.68 min Scan# 602
Delta R.T. -0.02 min
Lab File: BN008032.D
Acq: 05 Oct 2019 18:50

Instrument :
BNA_N
ClientSampleId :
EXT-024-SW069-092519

Tgt Ion:152 Resp: 3647

Ion	Ratio	Lower	Upper
152	100		
150	151.2	125.6	188.4
115	66.2	53.3	79.9

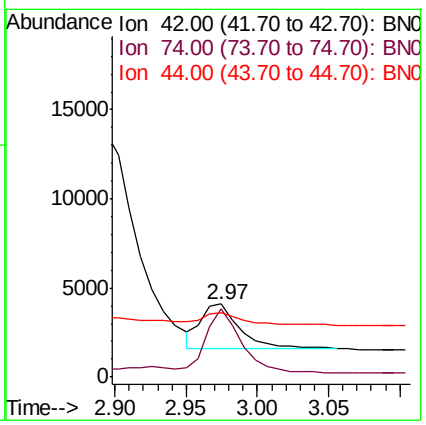


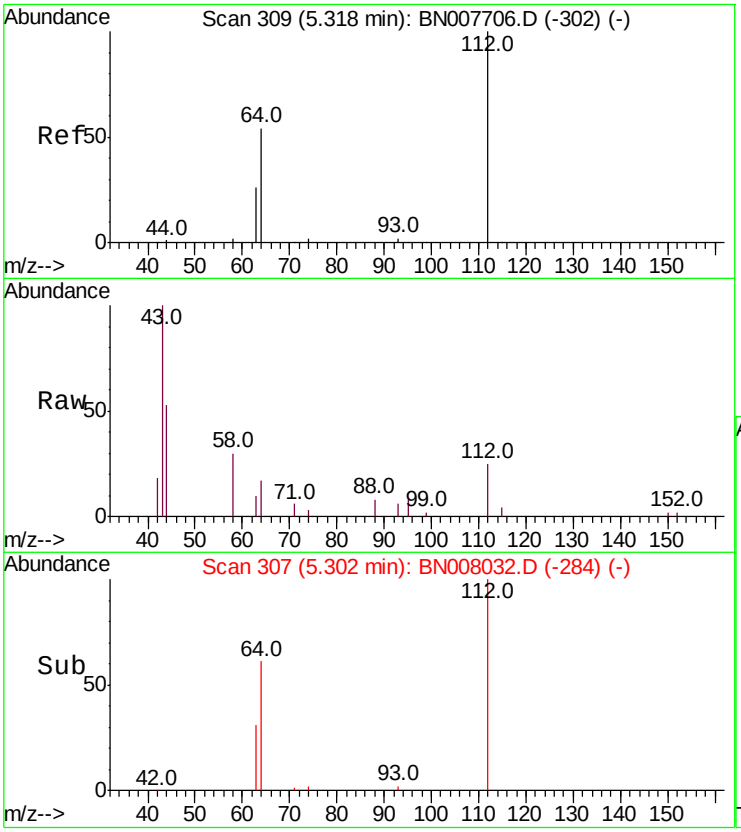


#3
n-Nitrosodimethylamine
Concen: 2.521 ng
RT: 2.97 min Scan# 18
Delta R.T. -0.03 min
Lab File: BN008032.D
Acq: 05 Oct 2019 18:50

Tgt Ion: 42 Resp: 4693

Ion	Ratio	Lower	Upper
42	100		
74	132.4	87.9	131.9#
44	36.6	29.4	44.0



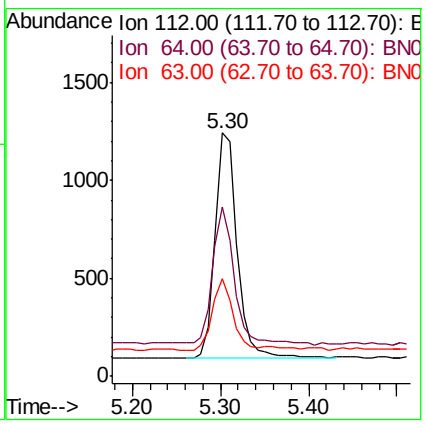


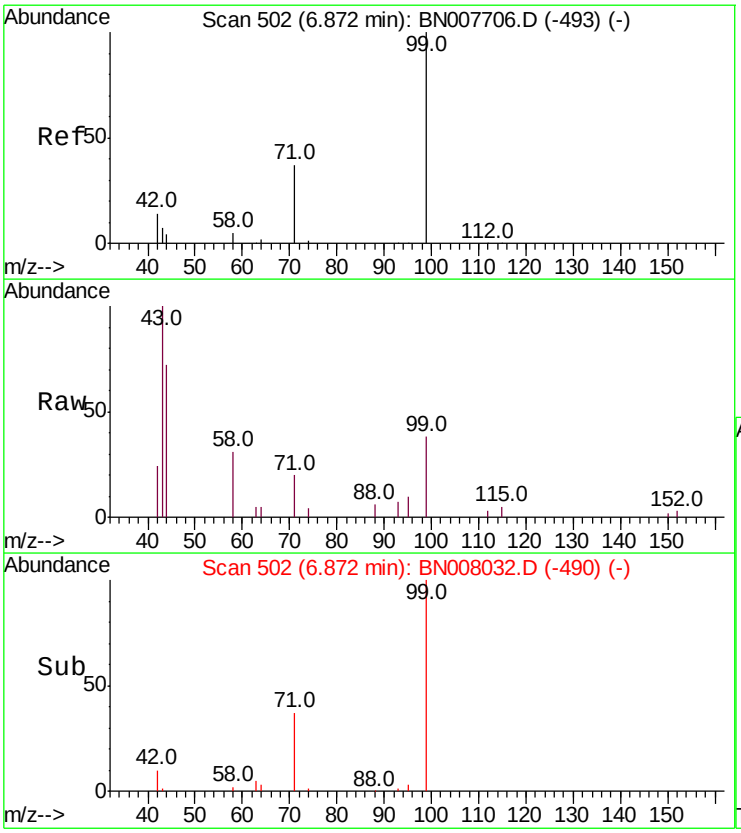
#4
2-Fluorophenol
Concen: 0.159 ng
RT: 5.30 min Scan# 307
Delta R.T. -0.02 min
Lab File: BN008032.D
Acq: 05 Oct 2019 18:50

Instrument :
BNA_N
ClientSampleId :
EXT-024-SW069-092519

Tgt Ion:112 Resp: 2001

Ion	Ratio	Lower	Upper
112	100		
64	60.7	46.6	70.0
63	28.4	23.1	34.7

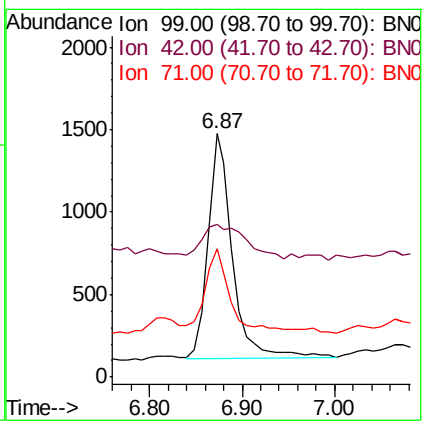


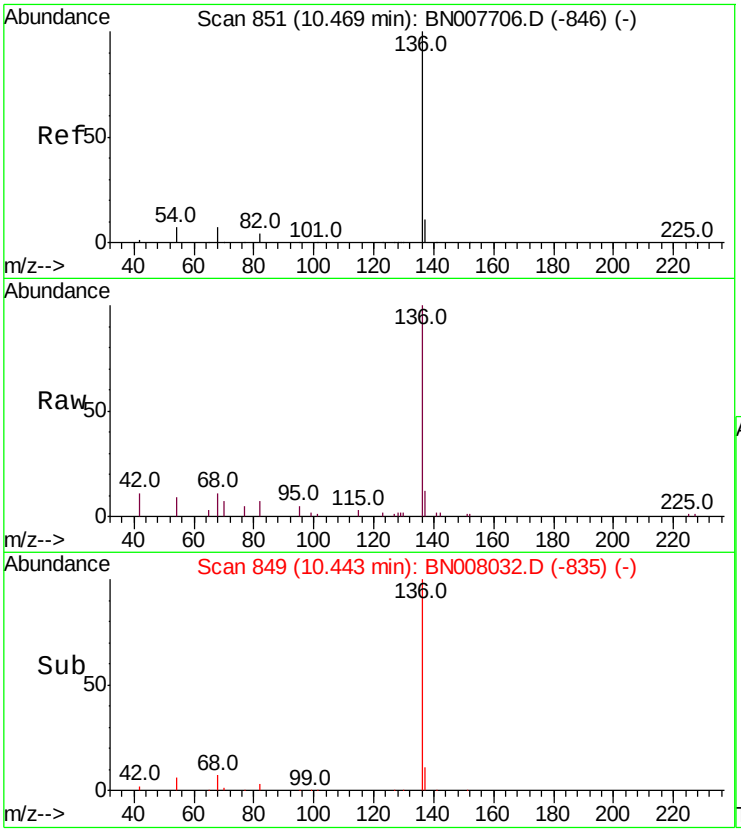


#5
Phenol-d6
Concen: 0.156 ng
RT: 6.87 min Scan# 502
Delta R.T. 0.00 min
Lab File: BN008032.D
Acq: 05 Oct 2019 18:50

Tgt Ion: 99 Resp: 2503

Ion	Ratio	Lower	Upper
99	100		
42	26.7	12.8	19.2#
71	40.7	27.6	41.4



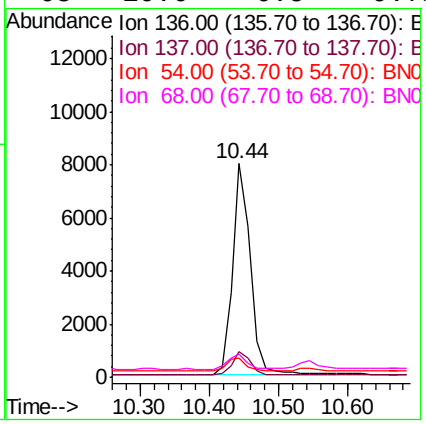


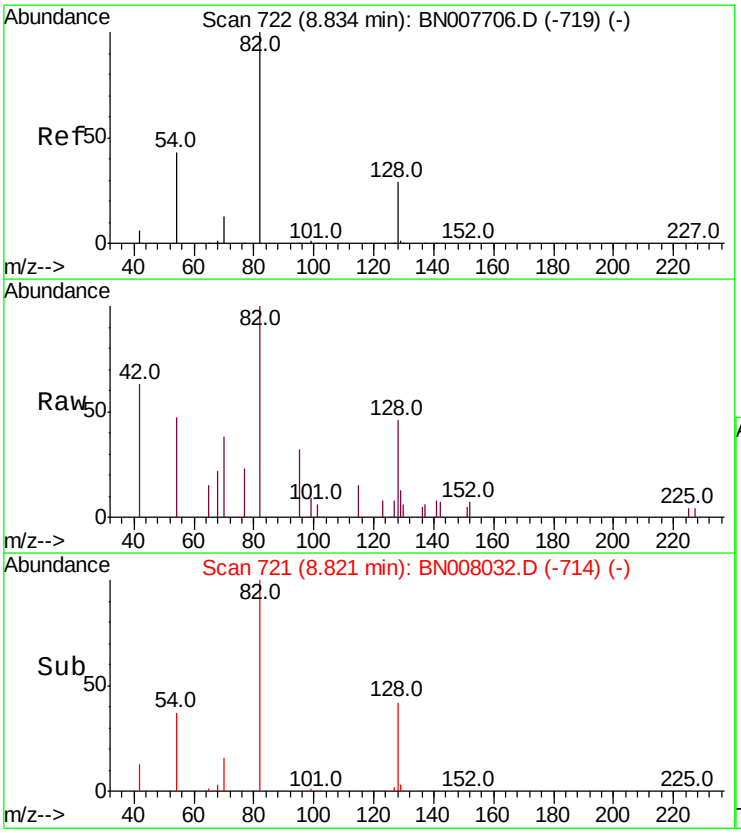
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.44 min Scan# 849
Delta R.T. -0.03 min
Lab File: BN008032.D
Acq: 05 Oct 2019 18:50

Instrument :
BNA_N
ClientSampleId :
EXT-024-SW069-092519

Tgt Ion:136 Resp: 14576

Ion	Ratio	Lower	Upper
136	100		
137	11.9	9.2	13.8
54	9.1	5.8	8.8#
68	10.6	6.5	9.7#

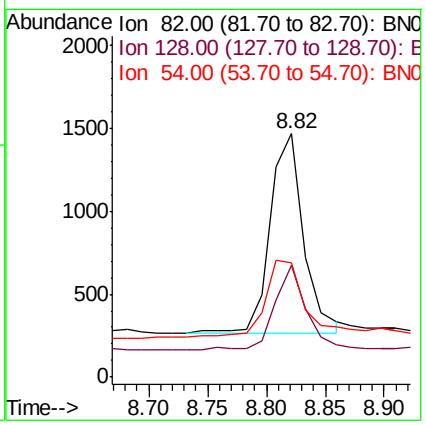


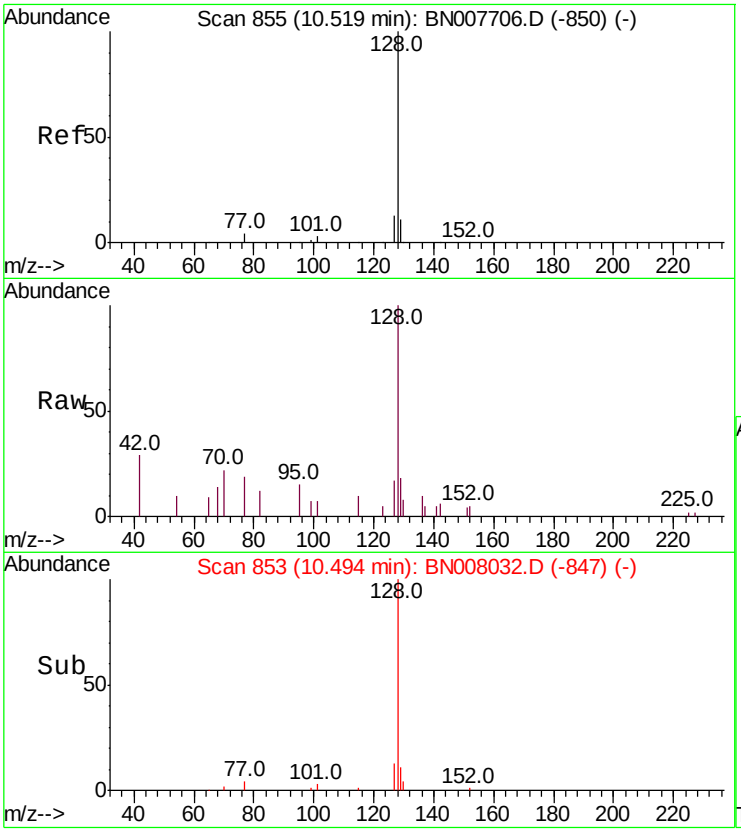


#8
Nitrobenzene-d5
Concen: 0.186 ng
RT: 8.82 min Scan# 721
Delta R.T. -0.01 min
Lab File: BN008032.D
Acq: 05 Oct 2019 18:50

Tgt Ion: 82 Resp: 2370

Ion	Ratio	Lower	Upper
82	100		
128	45.9	24.5	36.7#
54	46.8	35.2	52.8



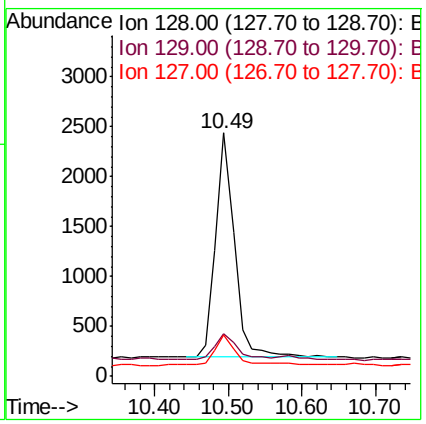


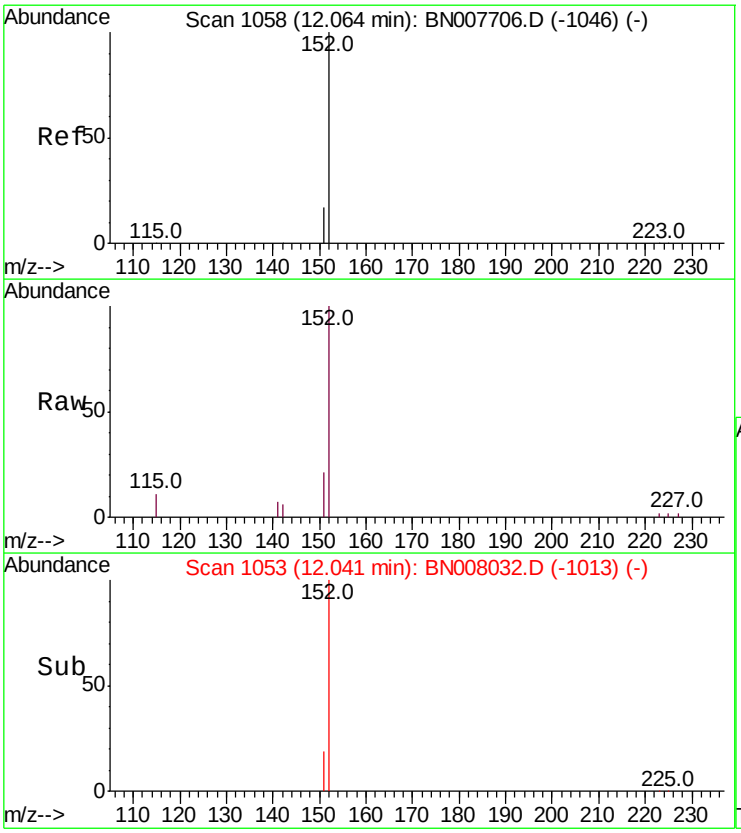
#9
Naphthalene
Concen: 0.097 ng
RT: 10.49 min Scan# 853
Delta R.T. -0.03 min
Lab File: BN008032.D
Acq: 05 Oct 2019 18:50

Instrument :
BNA_N
ClientSampleId :
EXT-024-SW069-092519

Tgt Ion:128 Resp: 3974

Ion	Ratio	Lower	Upper
128	100		
129	17.7	9.1	13.7#
127	16.9	10.6	15.8#

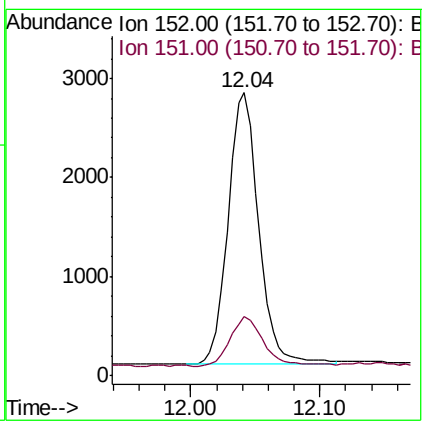


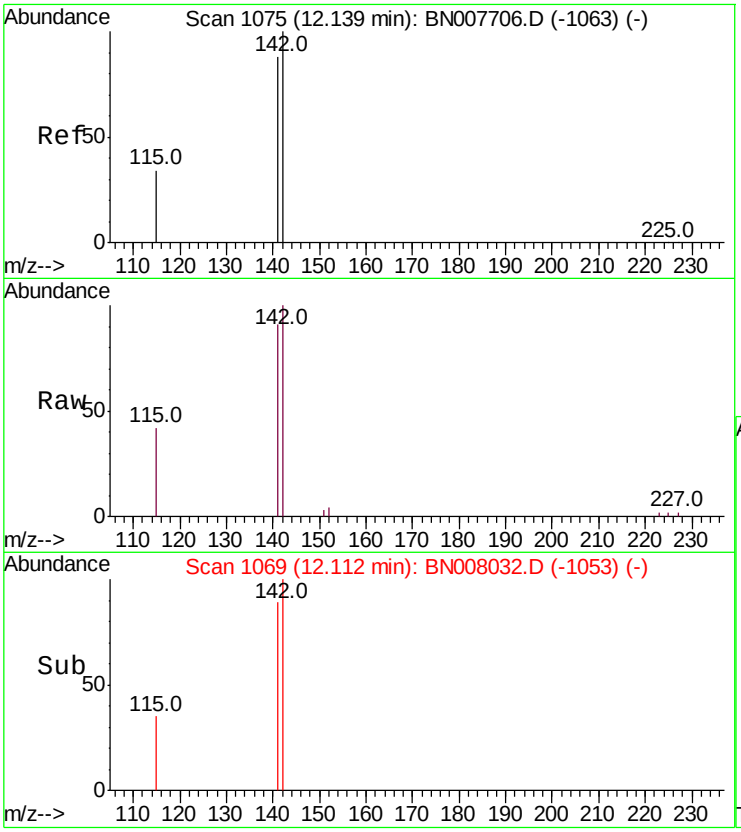


#11
2-Methylnaphthalene-d10
Concen: 0.183 ng
RT: 12.04 min Scan# 1053
Delta R.T. -0.02 min
Lab File: BN008032.D
Acq: 05 Oct 2019 18:50

Tgt Ion:152 Resp: 4487

Ion	Ratio	Lower	Upper
152	100		
151	20.2	15.4	23.2



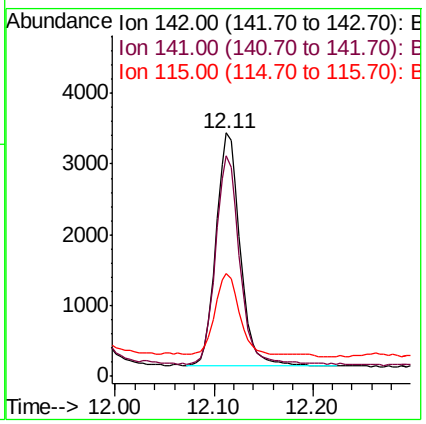


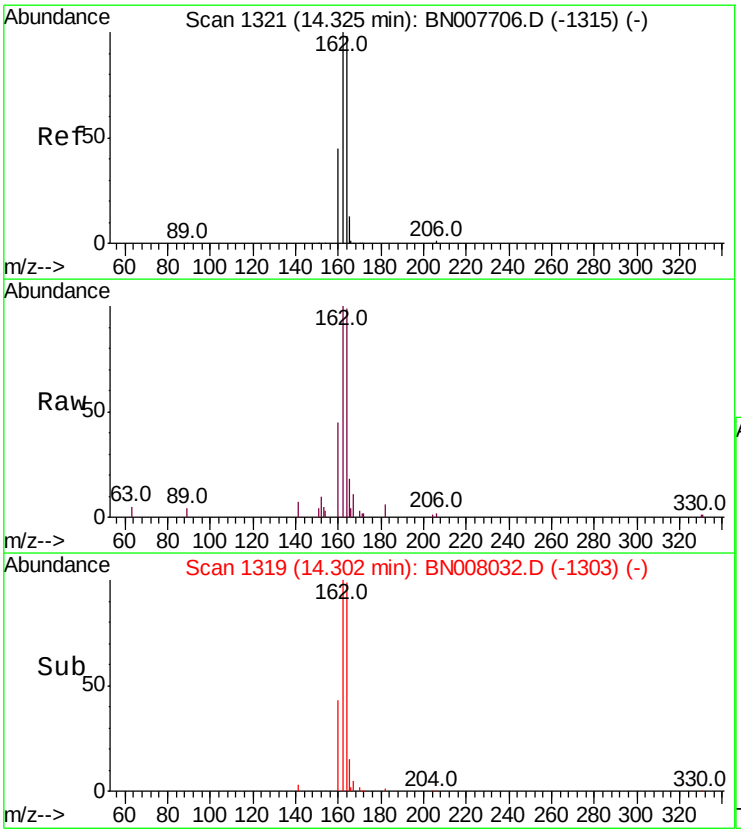
#12
2-Methylnaphthalene
Concen: 0.202 ng
RT: 12.11 min Scan# 1069
Delta R.T. -0.03 min
Lab File: BN008032.D
Acq: 05 Oct 2019 18:50

Instrument :
BNA_N
ClientSampleId :
EXT-024-SW069-092519

Tgt Ion:142 Resp: 5580

Ion	Ratio	Lower	Upper
142	100		
141	90.8	70.6	106.0
115	42.4	28.3	42.5

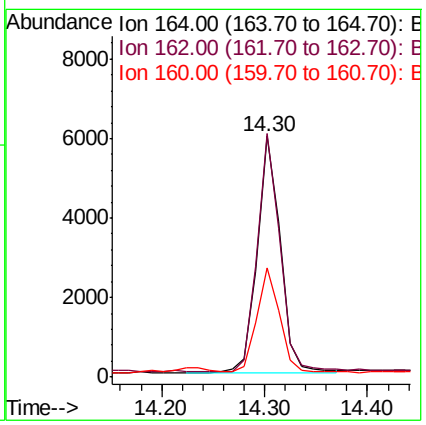


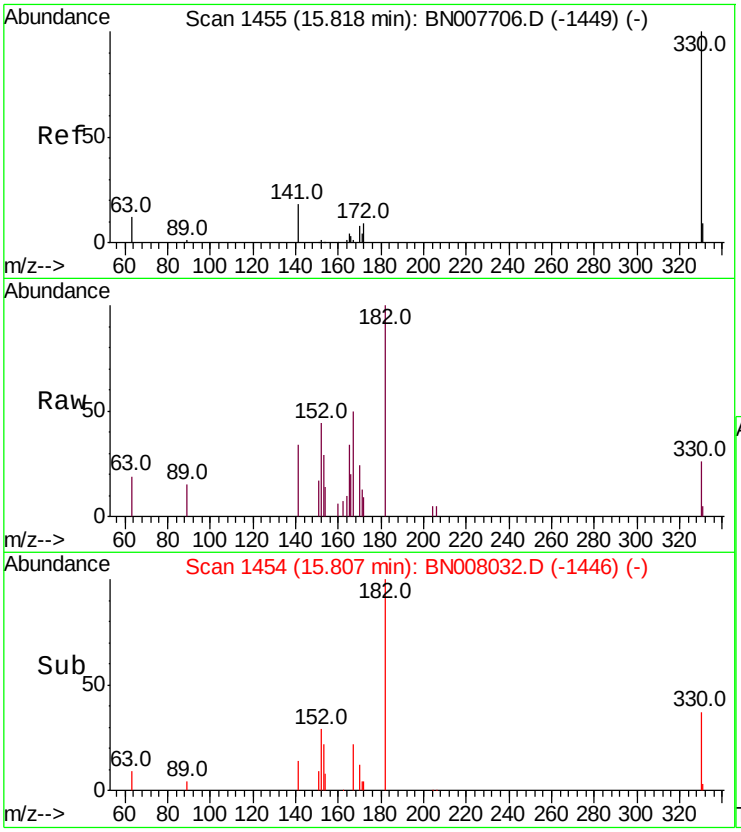


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.30 min Scan# 1319
Delta R.T. -0.02 min
Lab File: BN008032.D
Acq: 05 Oct 2019 18:50

Tgt Ion:164 Resp: 9228

Ion	Ratio	Lower	Upper
164	100		
162	101.2	81.7	122.5
160	45.4	37.0	55.4



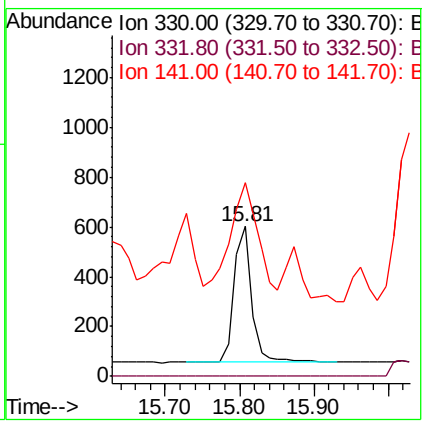


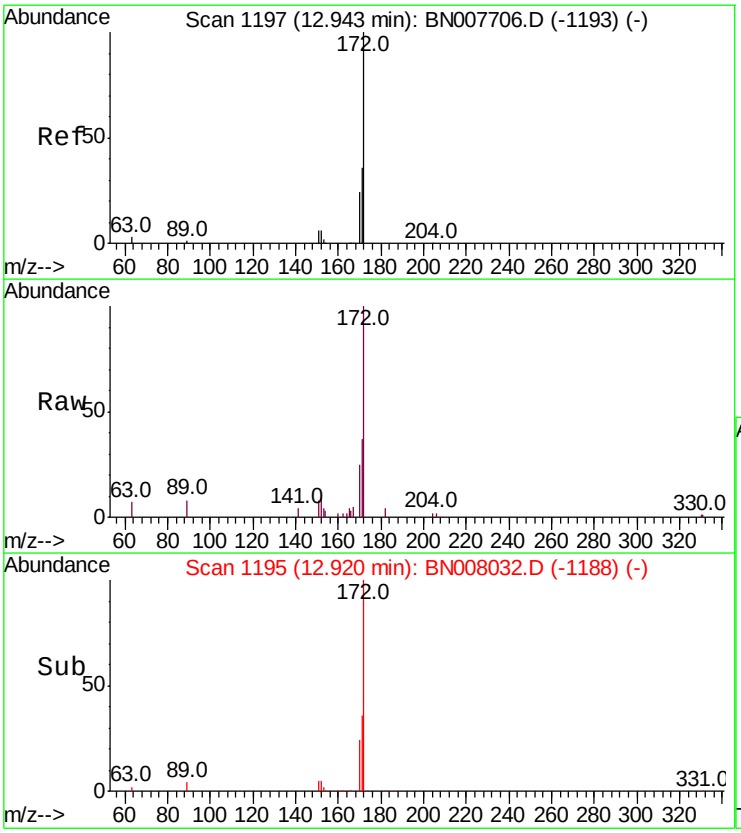
#14
2,4,6-Tribromophenol
Concen: 0.181 ng
RT: 15.81 min Scan# 1454
Delta R.T. -0.01 min
Lab File: BN008032.D
Acq: 05 Oct 2019 18:50

Instrument :
BNA_N
ClientSampleId :
EXT-024-SW069-092519

Tgt Ion:330 Resp: 911

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	121.5	28.7	43.1#

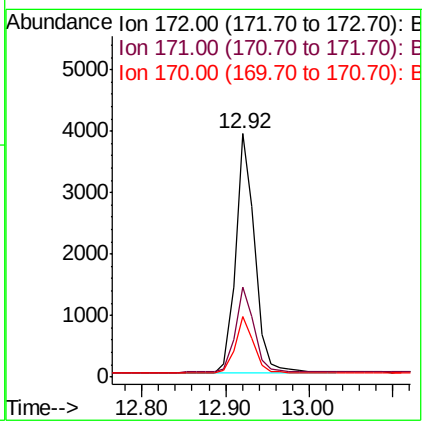


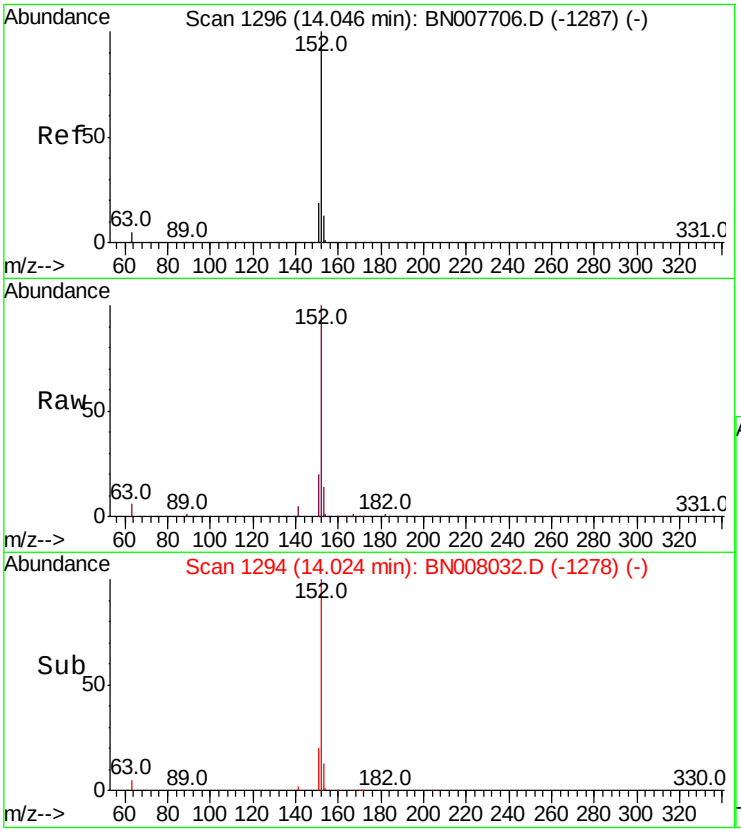


#15
2-Fluorobiphenyl
Concen: 0.161 ng
RT: 12.92 min Scan# 1195
Delta R.T. -0.02 min
Lab File: BN008032.D
Acq: 05 Oct 2019 18:50

Tgt Ion:172 Resp: 6132

Ion	Ratio	Lower	Upper
172	100		
171	36.9	28.8	43.2
170	24.8	19.5	29.3



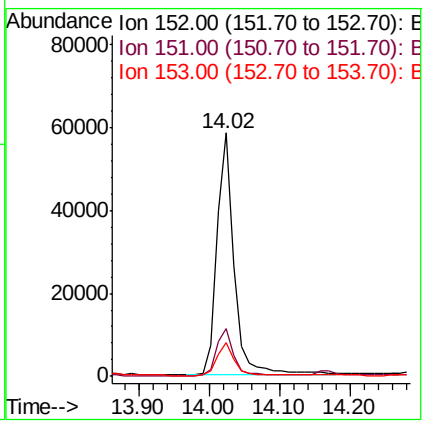


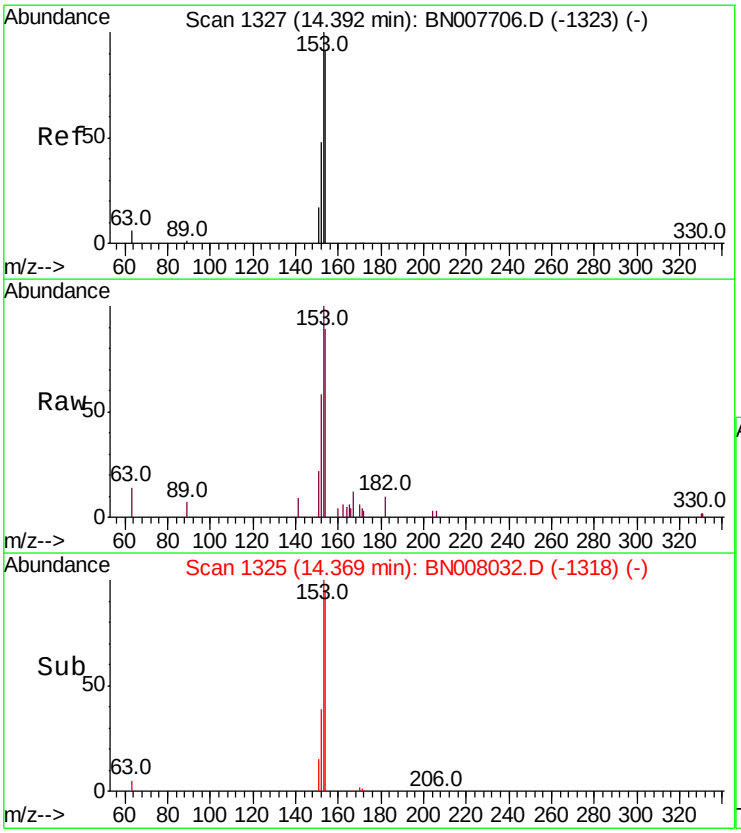
#16
Acenaphthylene
Concen: 2.070 ng
RT: 14.02 min Scan# 1294
Delta R.T. -0.02 min
Lab File: BN008032.D
Acq: 05 Oct 2019 18:50

Instrument :
BNA_N
ClientSampleId :
EXT-024-SW069-092519

Tgt Ion:152 Resp: 101318

Ion	Ratio	Lower	Upper
152	100		
151	19.6	15.5	23.3
153	13.4	10.4	15.6

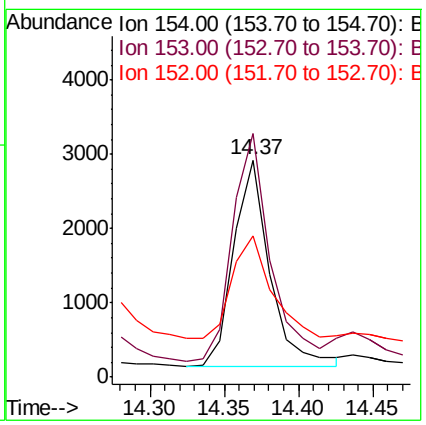


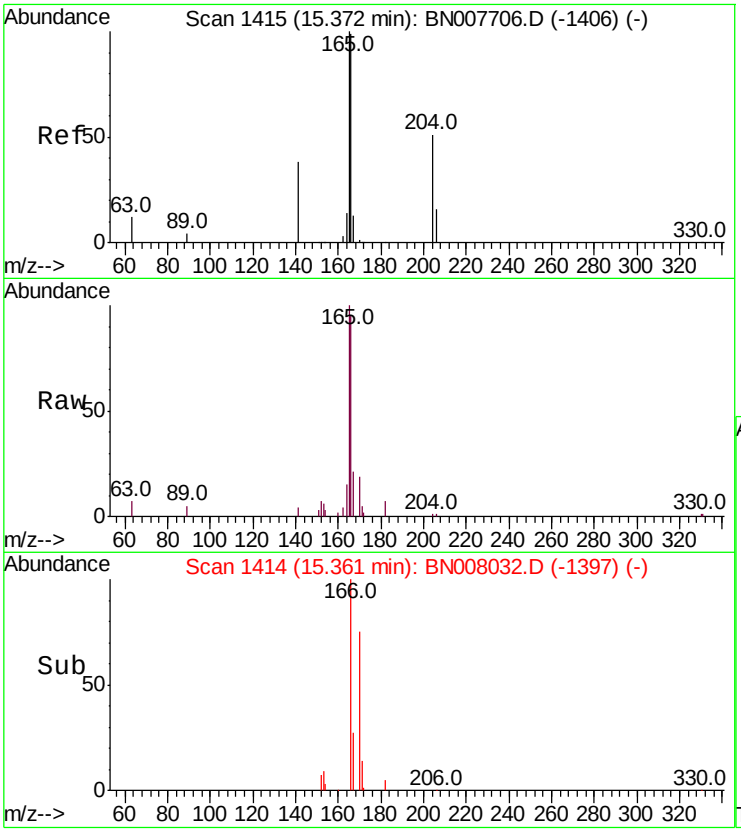


#17
Acenaphthene
Concen: 0.149 ng
RT: 14.37 min Scan# 1325
Delta R.T. -0.02 min
Lab File: BN008032.D
Acq: 05 Oct 2019 18:50

Tgt Ion:154 Resp: 4690

Ion	Ratio	Lower	Upper
154	100		
153	114.6	87.0	130.4
152	55.1	42.7	64.1



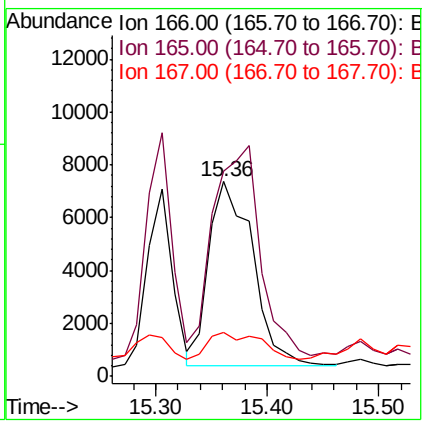


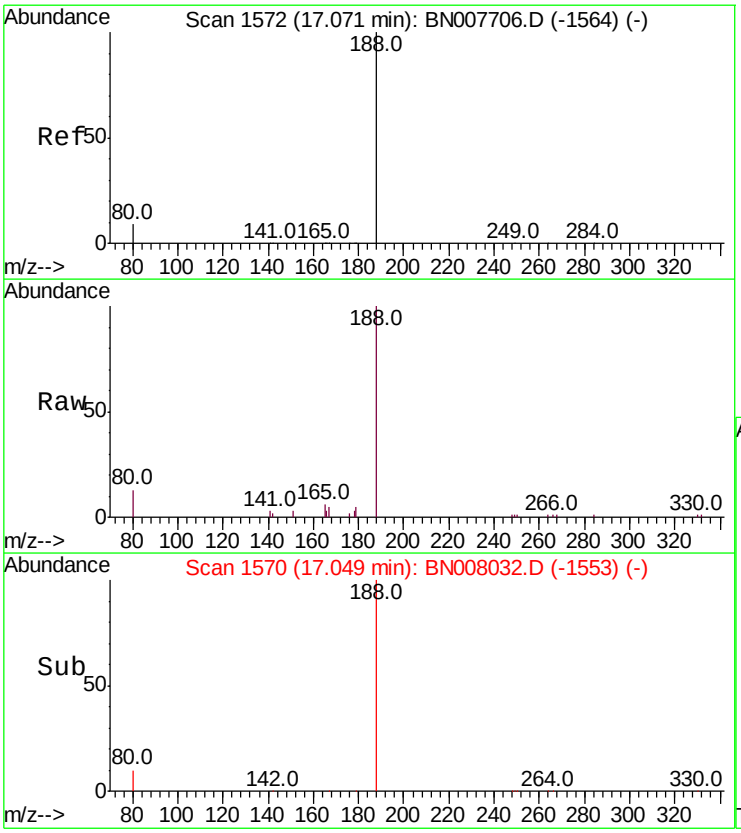
#18
Fluorene
Concen: 0.473 ng
RT: 15.36 min Scan# 1414
Delta R.T. -0.01 min
Lab File: BN008032.D
Acq: 05 Oct 2019 18:50

Instrument :
BNA_N
ClientSampleId :
EXT-024-SW069-092519

Tgt Ion:166 Resp: 19113

Ion	Ratio	Lower	Upper
166	100		
165	0.0	78.0	117.0#
167	17.2	10.9	16.3#

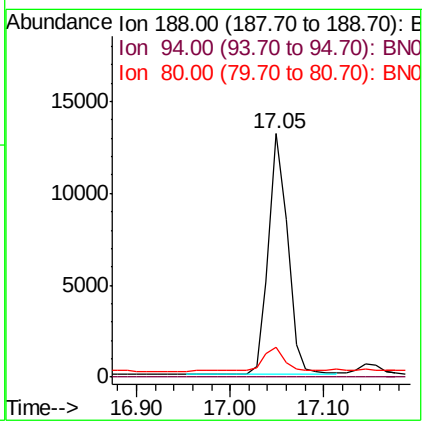


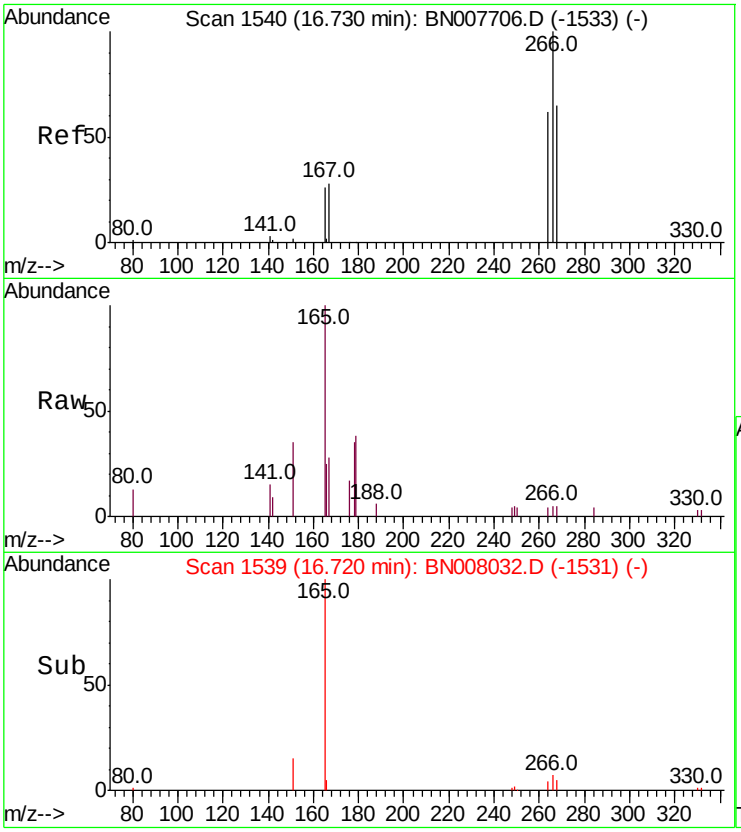


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.05 min Scan# 1570
Delta R.T. -0.02 min
Lab File: BN008032.D
Acq: 05 Oct 2019 18:50

Tgt Ion:188 Resp: 18618

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	12.5	7.4	11.2#



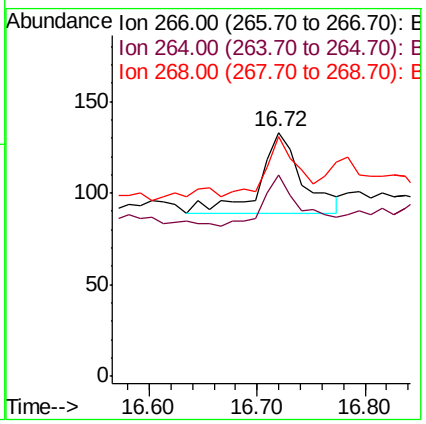


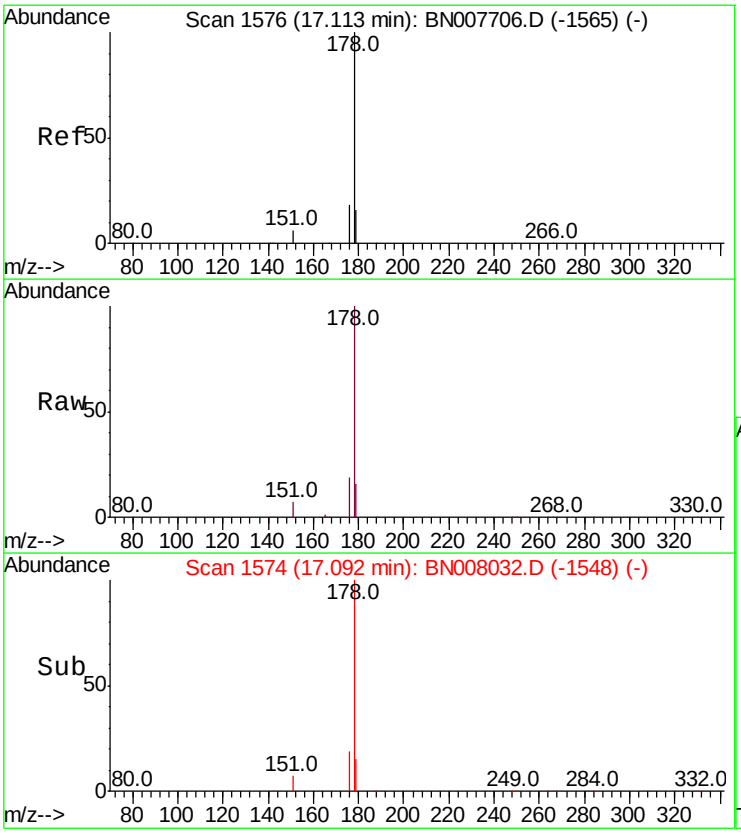
#22
Pentachlorophenol
Concen: 0.027 ng
RT: 16.72 min Scan# 1539
Delta R.T. -0.01 min
Lab File: BN008032.D
Acq: 05 Oct 2019 18:50

Instrument :
BNA_N
ClientSampleId :
EXT-024-SW069-092519

Tgt Ion:266 Resp: 121

Ion	Ratio	Lower	Upper
266	100		
264	82.7	50.0	75.0#
268	98.5	54.2	81.4#

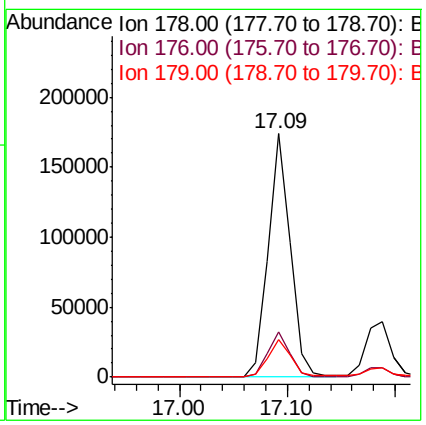


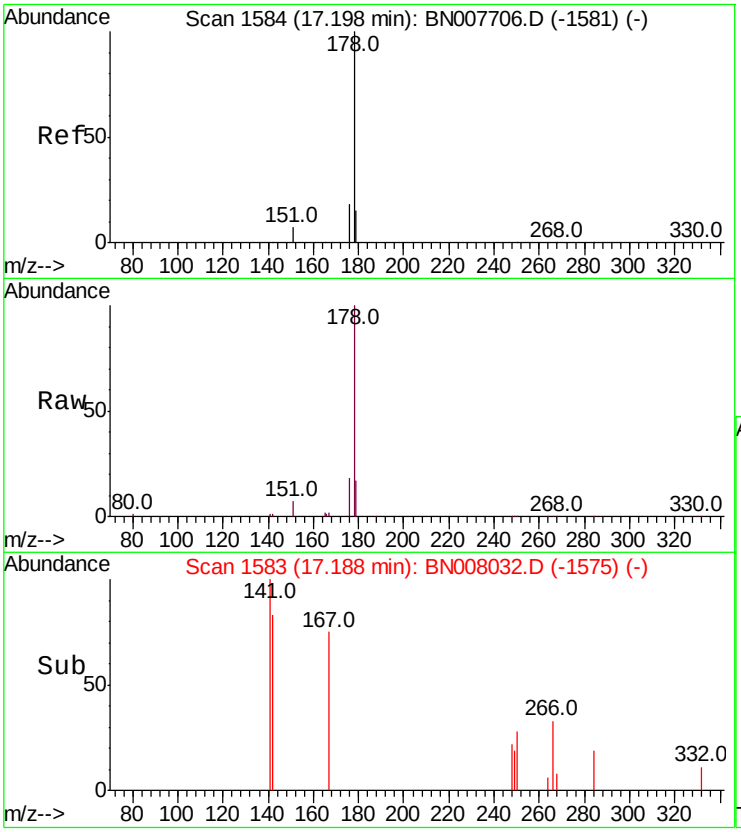


#23
Phenanthrene
Concen: 4.228 ng
RT: 17.09 min Scan# 1574
Delta R.T. -0.02 min
Lab File: BN008032.D
Acq: 05 Oct 2019 18:50

Tgt Ion:178 Resp: 245218

Ion	Ratio	Lower	Upper
178	100		
176	18.5	14.9	22.3
179	15.8	12.5	18.7



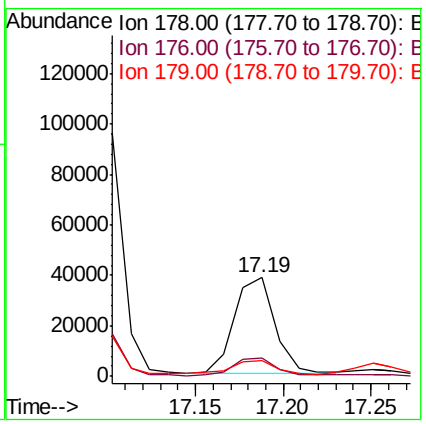


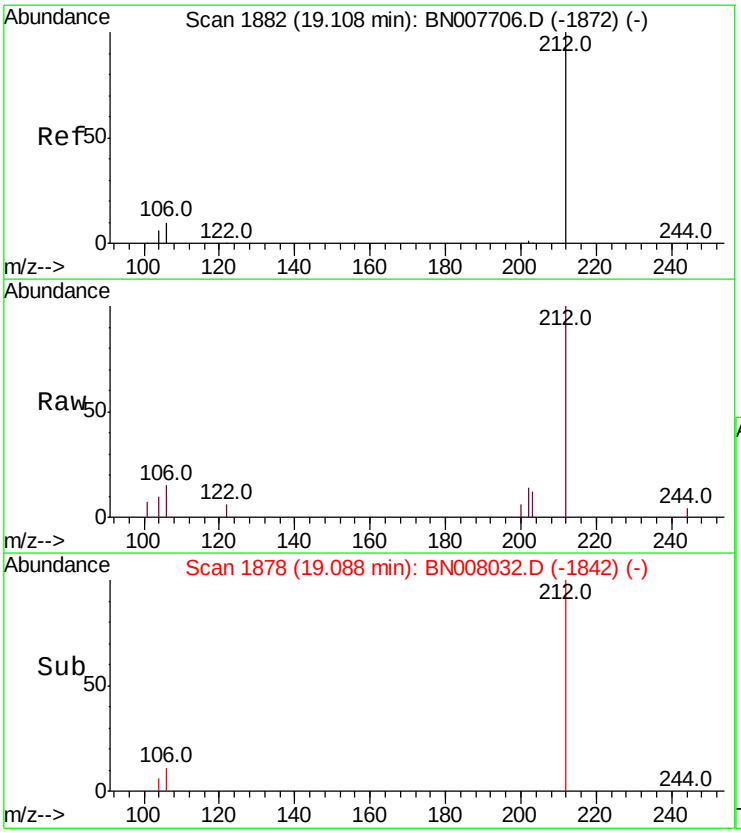
#24
Anthracene
Concen: 1.146 ng
RT: 17.19 min Scan# 1583
Delta R.T. -0.01 min
Lab File: BN008032.D
Acq: 05 Oct 2019 18:50

Instrument :
BNA_N
ClientSampleId :
EXT-024-SW069-092519

Tgt Ion:178 Resp: 60050

Ion	Ratio	Lower	Upper
178	100		
176	17.9	14.6	21.8
179	15.4	12.2	18.4

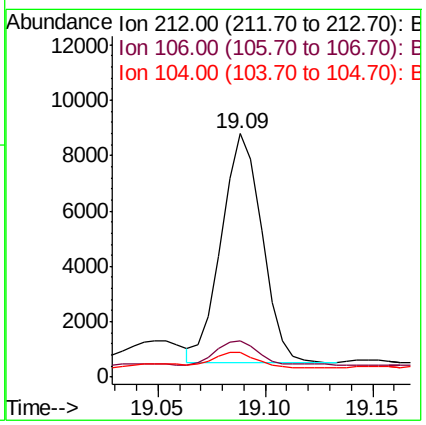


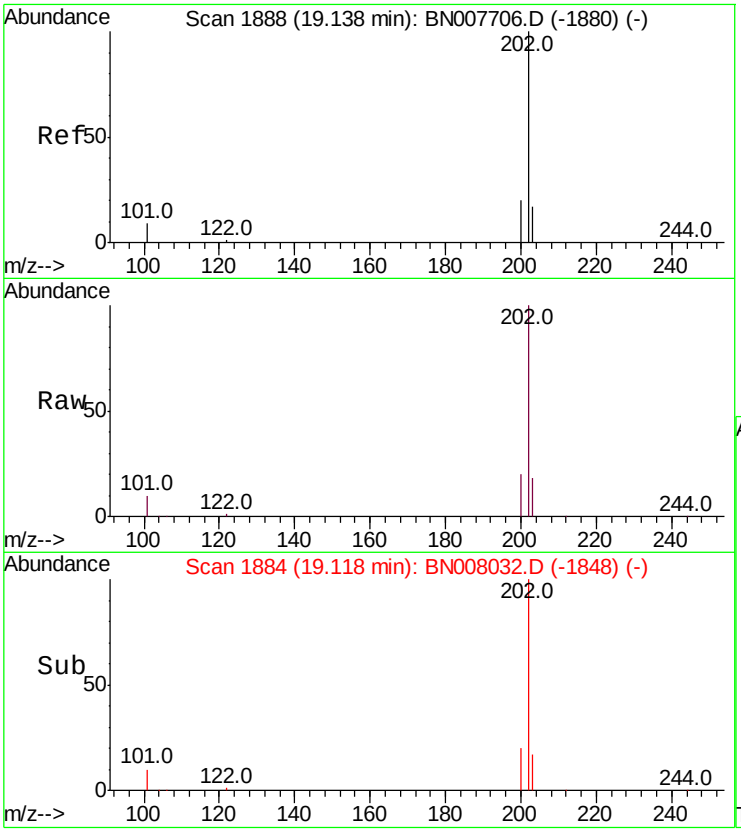


#25
Fluoranthene-d10
Concen: 0.173 ng
RT: 19.09 min Scan# 1878
Delta R.T. -0.02 min
Lab File: BN008032.D
Acq: 05 Oct 2019 18:50

Tgt Ion:212 Resp: 10871

Ion	Ratio	Lower	Upper
212	100		
106	10.5	9.4	14.0
104	7.6	5.3	7.9



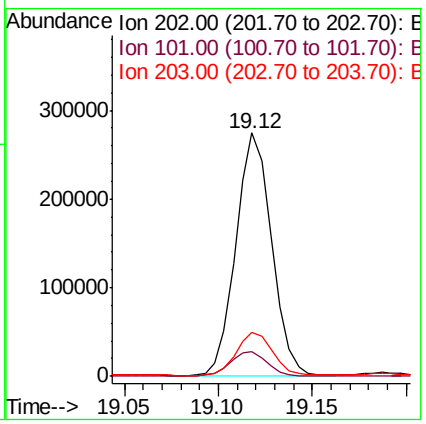


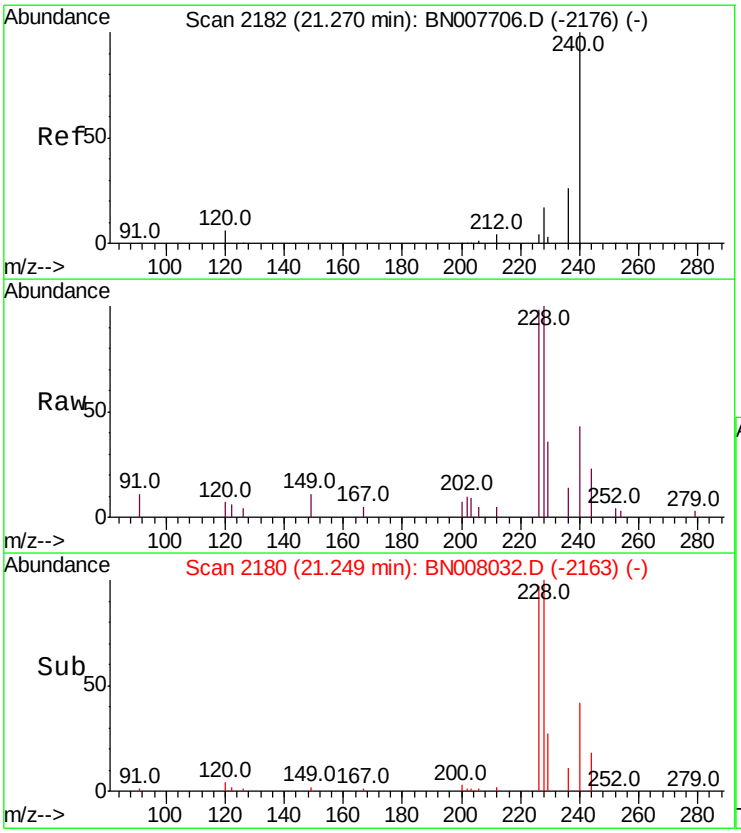
#26
Fluoranthene
Concen: 5.002 ng
RT: 19.12 min Scan# 1884
Delta R.T. -0.02 min
Lab File: BN008032.D
Acq: 05 Oct 2019 18:50

Instrument :
BNA_N
ClientSampleId :
EXT-024-SW069-092519

Tgt Ion:202 Resp: 360706

Ion	Ratio	Lower	Upper
202	100		
101	10.2	8.4	12.6
203	18.1	13.8	20.8

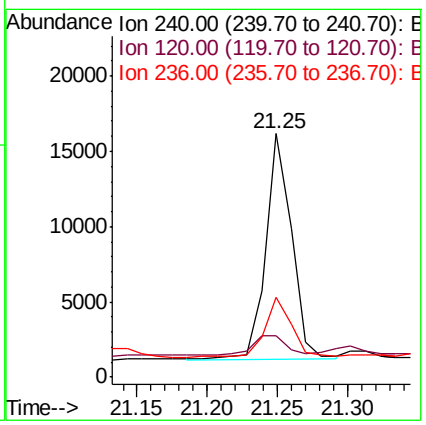


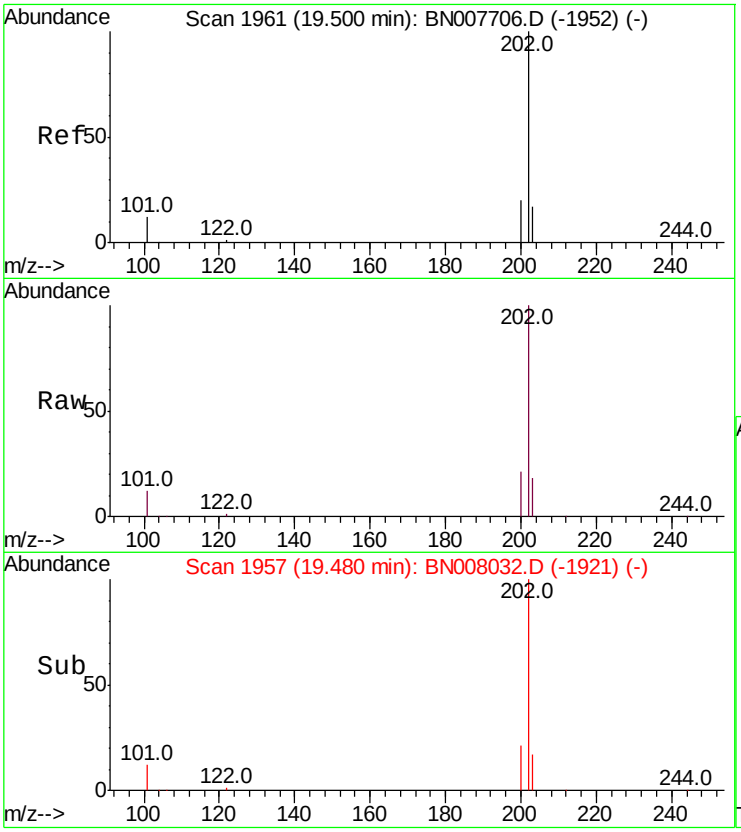


#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.25 min Scan# 2180
Delta R.T. -0.02 min
Lab File: BN008032.D
Acq: 05 Oct 2019 18:50

Tgt Ion:240 Resp: 19684

Ion	Ratio	Lower	Upper
240	100		
120	16.8	5.4	8.2#
236	33.0	21.0	31.4#



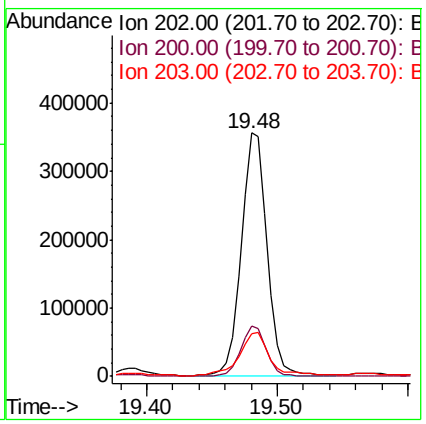


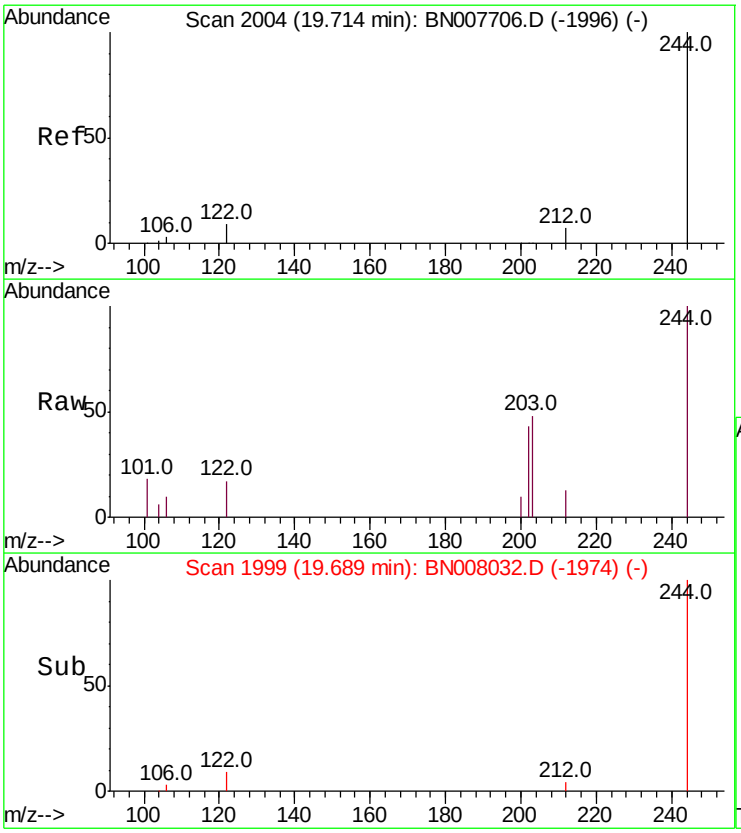
#28
Pyrene
Concen: 7.260 ng
RT: 19.48 min Scan# 1957
Delta R.T. -0.02 min
Lab File: BN008032.D
Acq: 05 Oct 2019 18:50

Instrument :
BNA_N
ClientSampleId :
EXT-024-SW069-092519

Tgt Ion:202 Resp: 487399

Ion	Ratio	Lower	Upper
202	100		
200	20.3	16.4	24.6
203	20.3	14.1	21.1

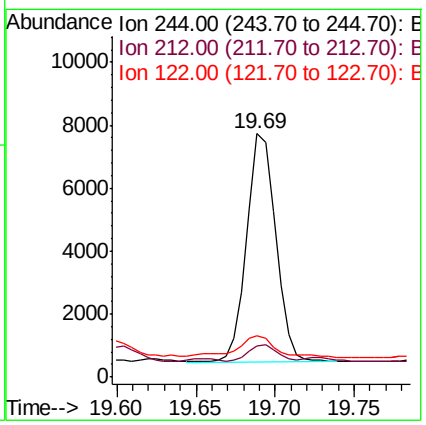


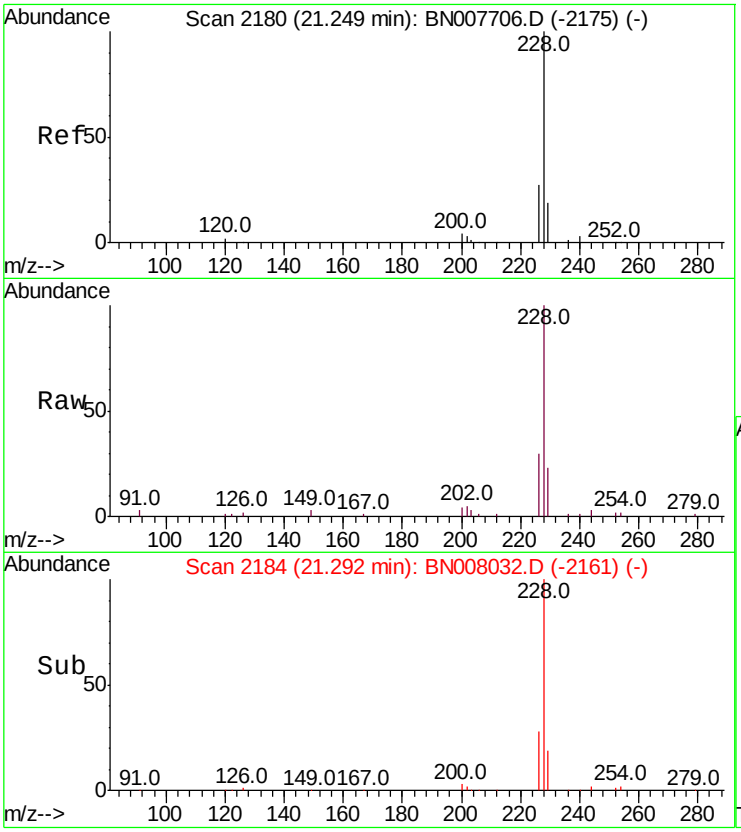


#29
Terphenyl-d14
Concen: 0.192 ng
RT: 19.69 min Scan# 1999
Delta R.T. -0.02 min
Lab File: BN008032.D
Acq: 05 Oct 2019 18:50

Tgt Ion:244 Resp: 9285

Ion	Ratio	Lower	Upper
244	100		
212	12.8	5.9	8.9#
122	17.3	7.4	11.2#



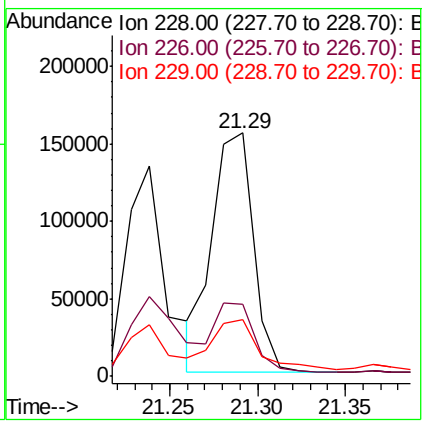


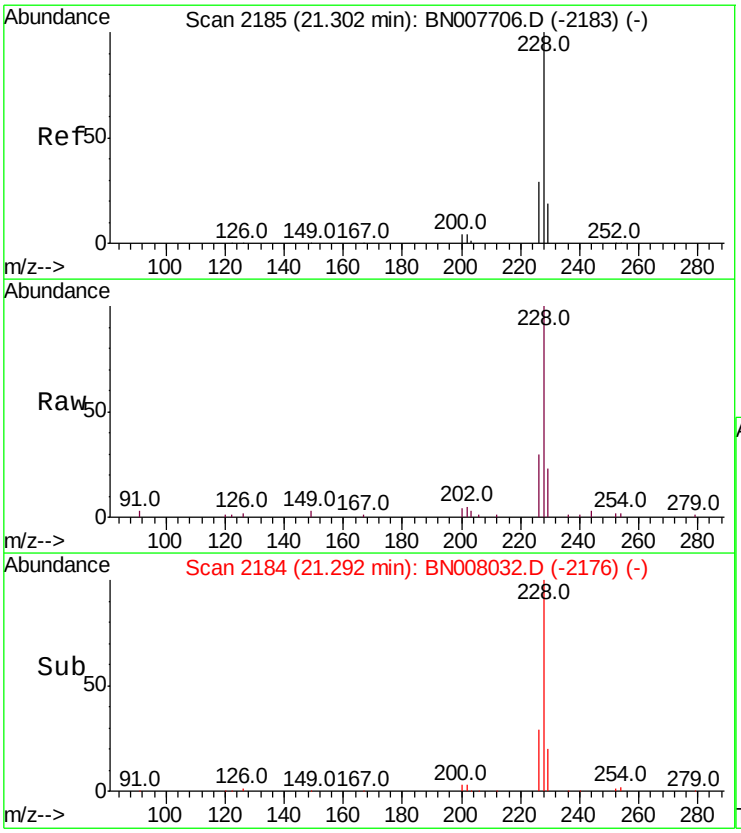
#30
Benzo(a)anthracene
Concen: 3.489 ng
RT: 21.29 min Scan# 2184
Delta R.T. 0.04 min
Lab File: BN008032.D
Acq: 05 Oct 2019 18:50

Instrument :
BNA_N
ClientSampleId :
EXT-024-SW069-092519

Tgt Ion:228 Resp: 252928

Ion	Ratio	Lower	Upper
228	100		
226	29.6	22.1	33.1
229	23.5	15.8	23.6

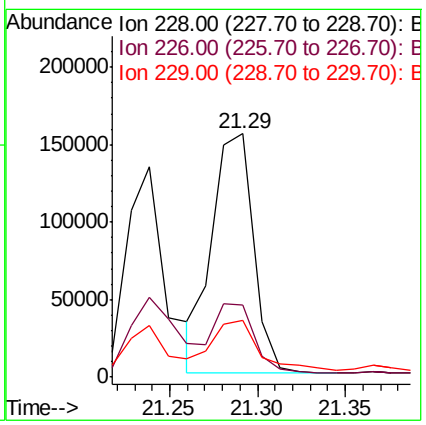


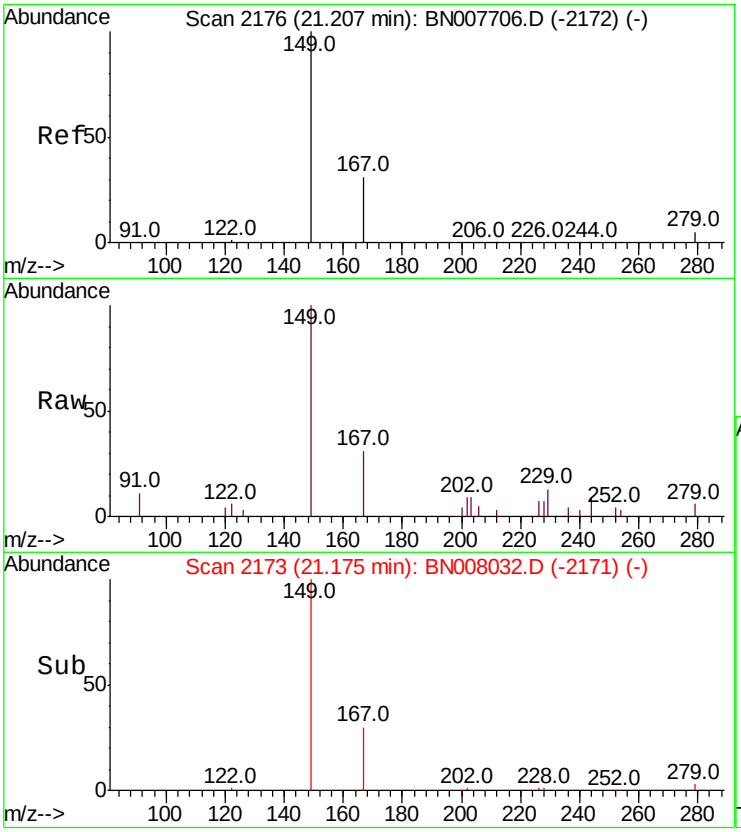


#31
Chrysene
Concen: 3.578 ng
RT: 21.29 min Scan# 2184
Delta R.T. -0.01 min
Lab File: BN008032.D
Acq: 05 Oct 2019 18:50

Tgt Ion:228 Resp: 252783

Ion	Ratio	Lower	Upper
228	100		
226	29.6	23.9	35.9
229	23.5	15.8	23.6



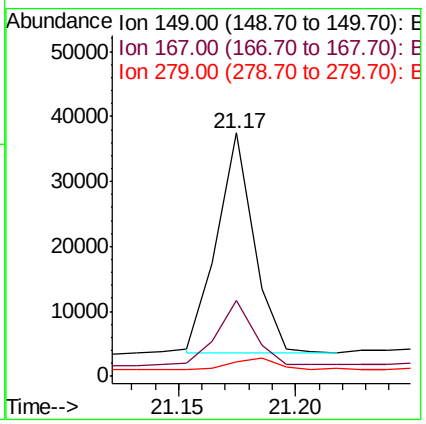


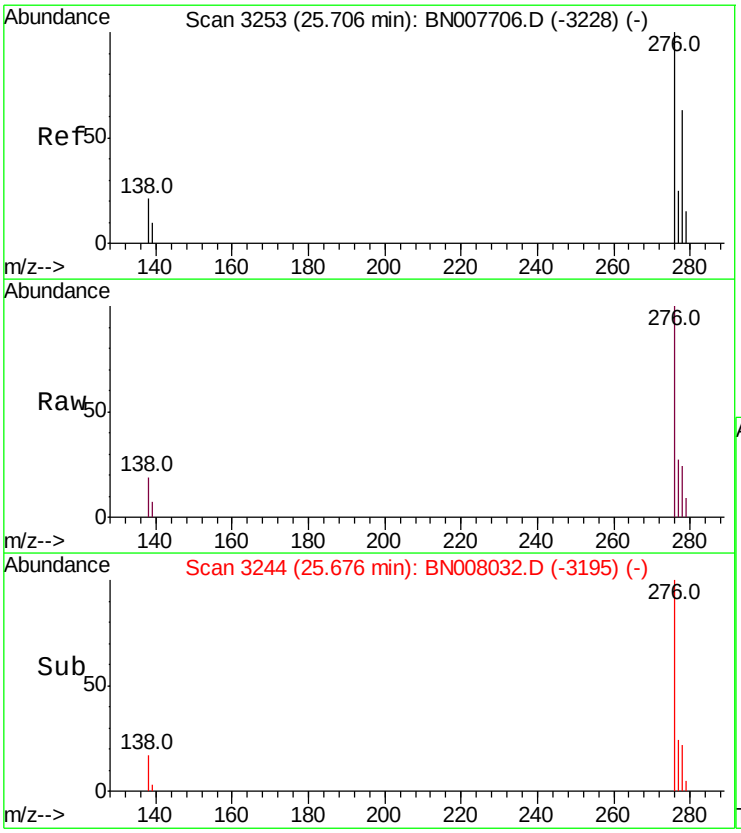
#32
Bis(2-ethylhexyl)phthalate
Concen: 0.991 ng
RT: 21.17 min Scan# 2173
Delta R.T. -0.03 min
Lab File: BN008032.D
Acq: 05 Oct 2019 18:50

Instrument :
BNA_N
ClientSampleId :
EXT-024-SW069-092519

Tgt Ion:149 Resp: 36927

Ion	Ratio	Lower	Upper
149	100		
167	29.1	23.7	35.5
279	5.5	4.2	6.2

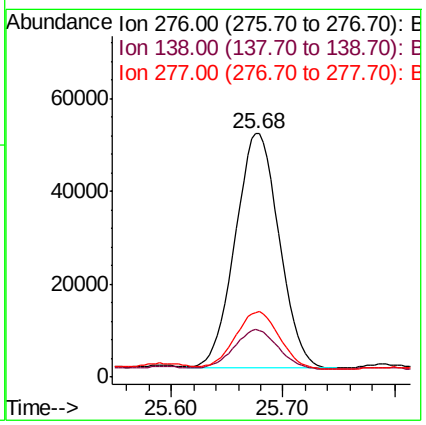


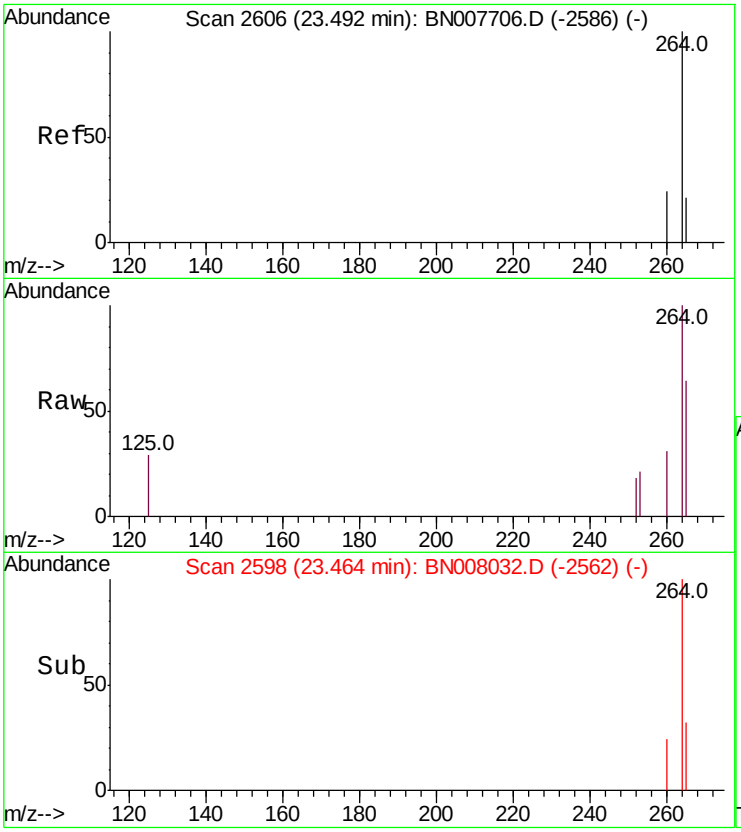


#33
Indeno(1,2,3-cd)pyrene
Concen: 1.561 ng
RT: 25.68 min Scan# 3244
Delta R.T. -0.03 min
Lab File: BN008032.D
Acq: 05 Oct 2019 18:50

Tgt Ion:276 Resp: 138048

Ion	Ratio	Lower	Upper
276	100		
138	16.9	17.1	25.7#
277	24.8	20.0	30.0



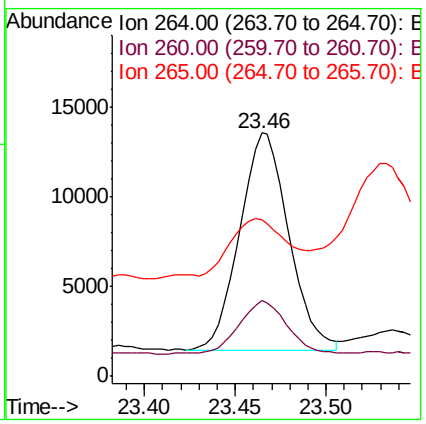


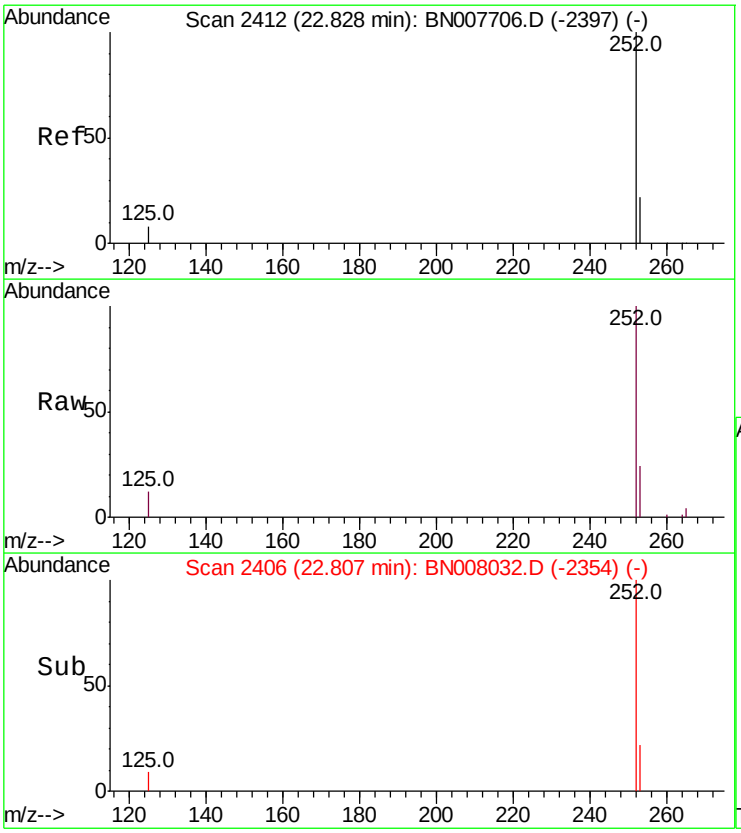
#34
Perylene-d12
Concen: 0.400 ng
RT: 23.46 min Scan# 2598
Delta R.T. -0.03 min
Lab File: BN008032.D
Acq: 05 Oct 2019 18:50

Instrument :
BNA_N
ClientSampleId :
EXT-024-SW069-092519

Tgt Ion:264 Resp: 22750

Ion	Ratio	Lower	Upper
264	100		
260	31.0	19.3	28.9#
265	64.4	26.9	40.3#

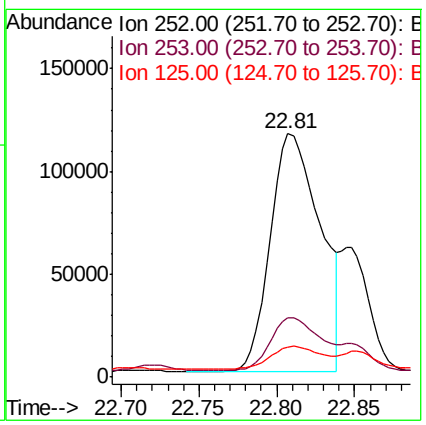


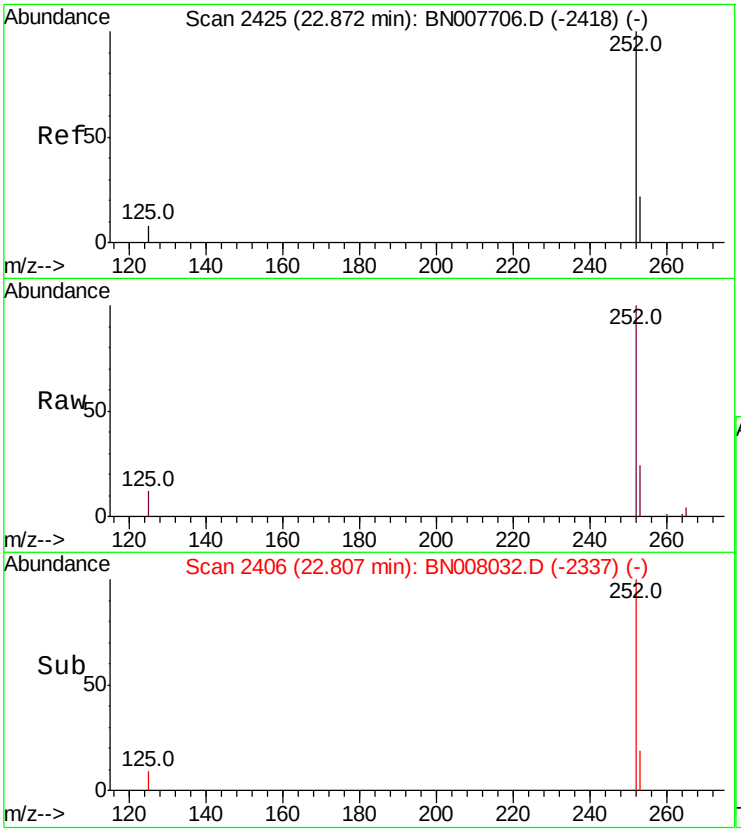


#35
Benzo(b)fluoranthene
Concen: 3.278 ng
RT: 22.81 min Scan# 2406
Delta R.T. -0.02 min
Lab File: BN008032.D
Acq: 05 Oct 2019 18:50

Tgt Ion:252 Resp: 258875

Ion	Ratio	Lower	Upper
252	100		
253	24.5	18.3	27.5
125	12.4	8.2	12.4#



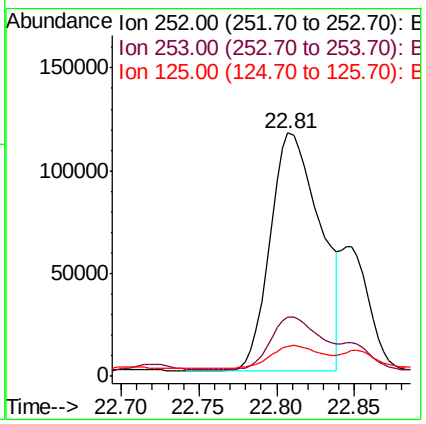


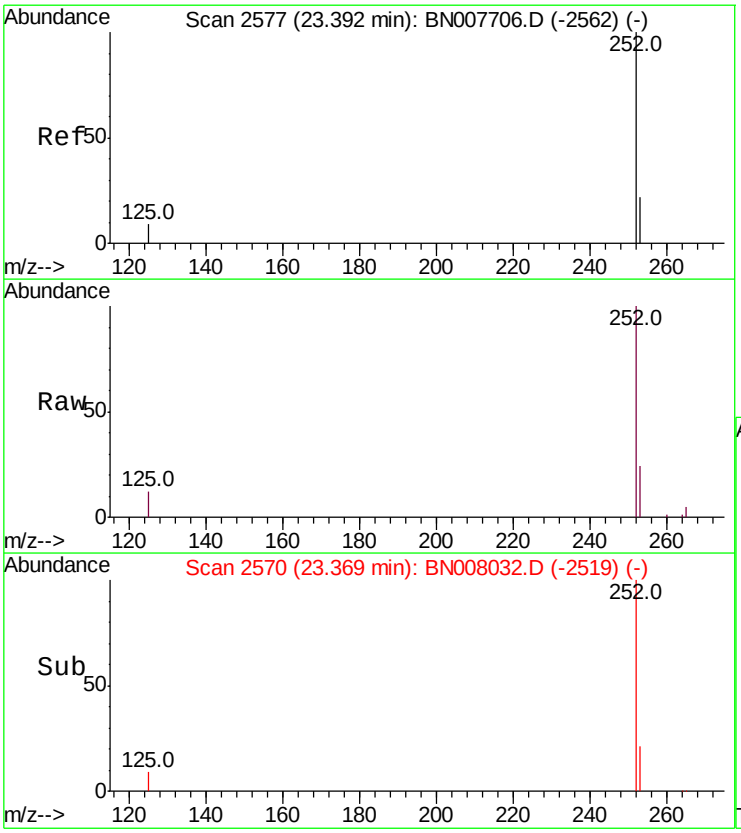
#36
Benzo(k)fluoranthene
Concen: 3.315 ng
RT: 22.81 min Scan# 2406
Delta R.T. -0.07 min
Lab File: BN008032.D
Acq: 05 Oct 2019 18:50

Instrument :
BNA_N
ClientSampleId :
EXT-024-SW069-092519

Tgt Ion:252 Resp: 258875

Ion	Ratio	Lower	Upper
252	100		
253	24.5	18.5	27.7
125	12.4	8.4	12.6

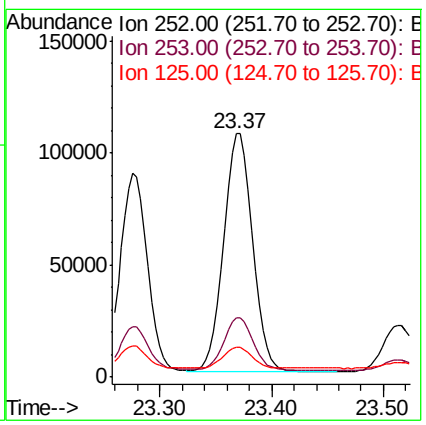


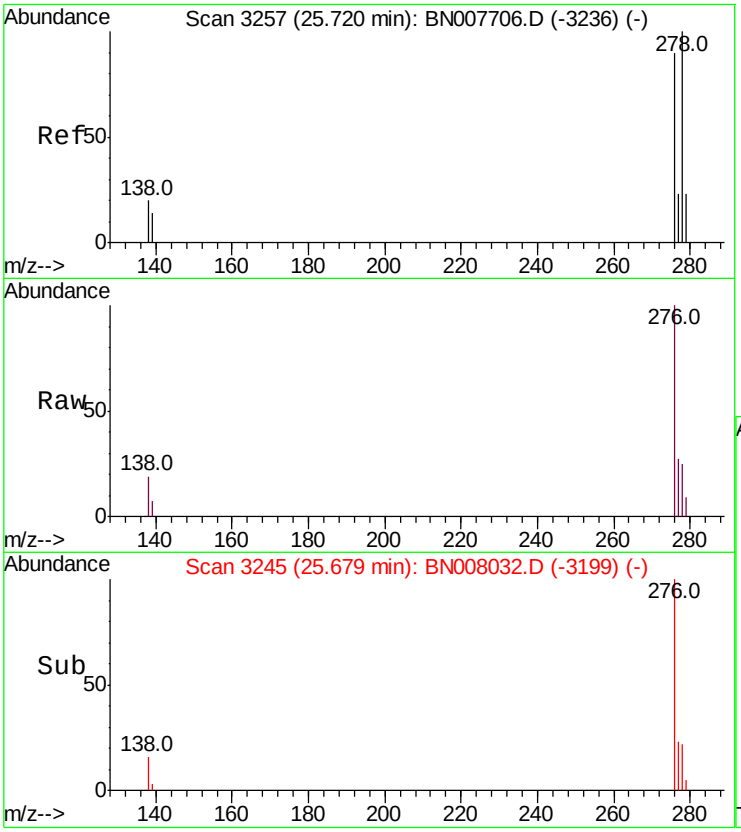


#37
Benzo(a)pyrene
Concen: 2.576 ng
RT: 23.37 min Scan# 2570
Delta R.T. -0.02 min
Lab File: BN008032.D
Acq: 05 Oct 2019 18:50

Tgt Ion:252 Resp: 191164

Ion	Ratio	Lower	Upper
252	100		
253	24.3	18.6	27.8
125	12.5	9.4	14.0



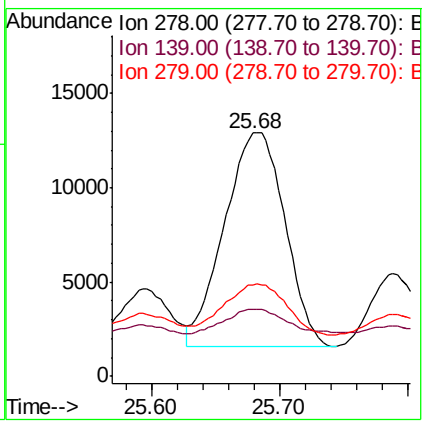


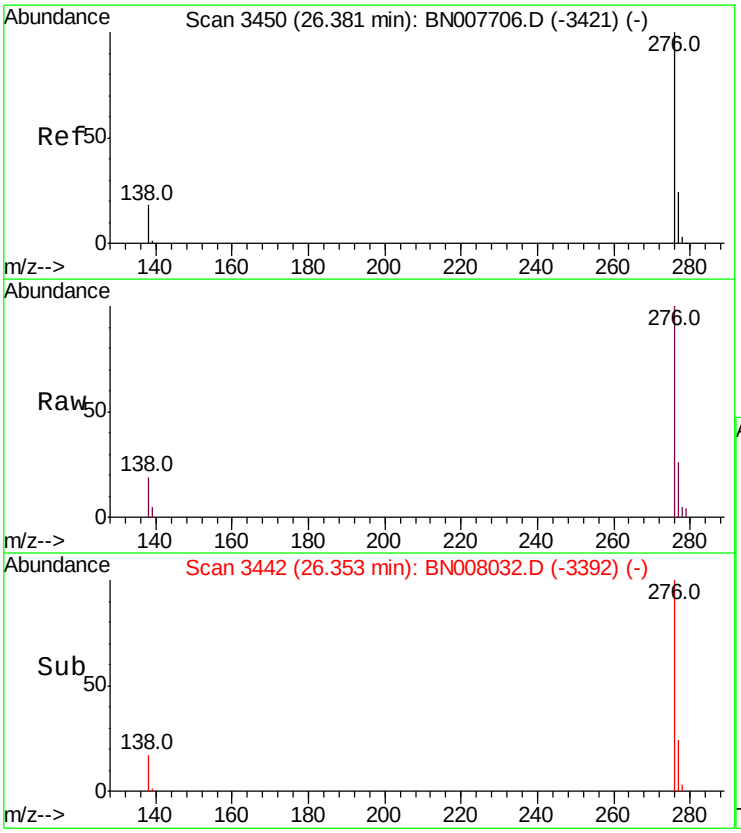
#38
Dibenzo(a,h)anthracene
Concen: 0.491 ng
RT: 25.68 min Scan# 3245
Delta R.T. -0.04 min
Lab File: BN008032.D
Acq: 05 Oct 2019 18:50

Instrument :
BNA_N
ClientSampleId :
EXT-024-SW069-092519

Tgt Ion:278 Resp: 37307

Ion	Ratio	Lower	Upper
278	100		
139	27.6	11.8	17.6#
279	37.6	19.4	29.2#





#39
Benzo(g,h,i)perylene
Concen: 2.036 ng
RT: 26.35 min Scan# 3442
Delta R.T. -0.03 min
Lab File: BN008032.D
Acq: 05 Oct 2019 18:50

Tgt Ion:276 Resp: 152968

Ion	Ratio	Lower	Upper
276	100		
277	26.3	19.8	29.8
138	19.2	15.1	22.7