Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN093019\

Quantitation Report (Not Reviewed)

Data File : BN007910.D
Acq On : 01 Oct 2019 00:24
Operator : JU
Sample : K5078-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : EXT-024-SW065-092519

Quant Time: Oct 01 07:45:25 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN091819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 18 18:24:40 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	7131	0.40	ng		0.00
7) Naphthalene-d8	10.46	136	26678	0.40	ng		-0.01
13) Acenaphthene-d10	14.31	164	15284	0.40	ng		-0.01
19) Phenanthrene-d10	17.06	188	31399	0.40	ng		-0.01
27) Chrysene-d12	21.25	240	37941	0.40	ng		-0.02
34) Perylene-d12	23.47	264	41680	0.40	ng		-0.02
System Monitoring Compounds							
4) 2-Fluorophenol	5.31	112	3372	0.14	ng		0.00
5) Phenol-d6	6.86	99	4344	0.14	ng		0.00
8) Nitrobenzene-d5	8.83	82	3753	0.16	ng		0.00
11) 2-Methylnaphthalene-d10	12.05	152	6705	0.15	ng		-0.01
14) 2,4,6-Tribromophenol	15.81	330	1013	0.12	ng		-0.01
15) 2-Fluorobiphenyl	12.93	172	9109	0.14	ng		-0.01
25) Fluoranthene-d10	19.09	212	15963	0.15	ng		-0.01
29) Terphenyl-d14	19.70	244	12782	0.14	ng		-0.01
Target Compounds							Qvalue
3) n-Nitrosodimethylamine	3.00	42	10202	2.802	ng	#	80
9) Naphthalene	10.51	128	4449	0.059	ng	#	93
12) 2-Methylnaphthalene	12.13	142	2201	0.043	ng	#	94
16) Acenaphthylene	14.03	152	36511	0.450	ng		100
17) Acenaphthene	14.38	154	8044	0.154	ng		96
18) Fluorene	15.36	166	12519	0.187	ng		92
22) Pentachlorophenol	16.72	266	402	0.052	ng		93
23) Phenanthrene	17.10	178	413736	4.230	ng		100
24) Anthracene	17.19	178	50902	0.576	ng	#	94
26) Fluoranthene	19.12	202	1134182	9.325	ng		99
28) Pyrene	19.49	202	977714	7.556	ng		97
30) Benzo(a)anthracene	21.24	228	461820	3.305	ng		98
31) Chrysene	21.29	228	552297	4.056	ng		97
32) Bis(2-ethylhexyl)phthalate	21.19	149	39145	0.545	ng		99
33) Indeno(1,2,3-cd)pyrene	25.68	276	418560	2.455	ng		96
35) Benzo(b)fluoranthene	22.81	252	816837	5.645	ng		99
36) Benzo(k)fluoranthene	22.81	252	816837	5.709	ng		98
37) Benzo(a)pyrene	23.37	252	510817	3.757	ng		97
38) Dibenzo(a,h)anthracene	25.68	278	92730	0.666	ng		97
39) Benzo(g,h,i)perylene	26.35	276	424267	3.082	ng		99

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

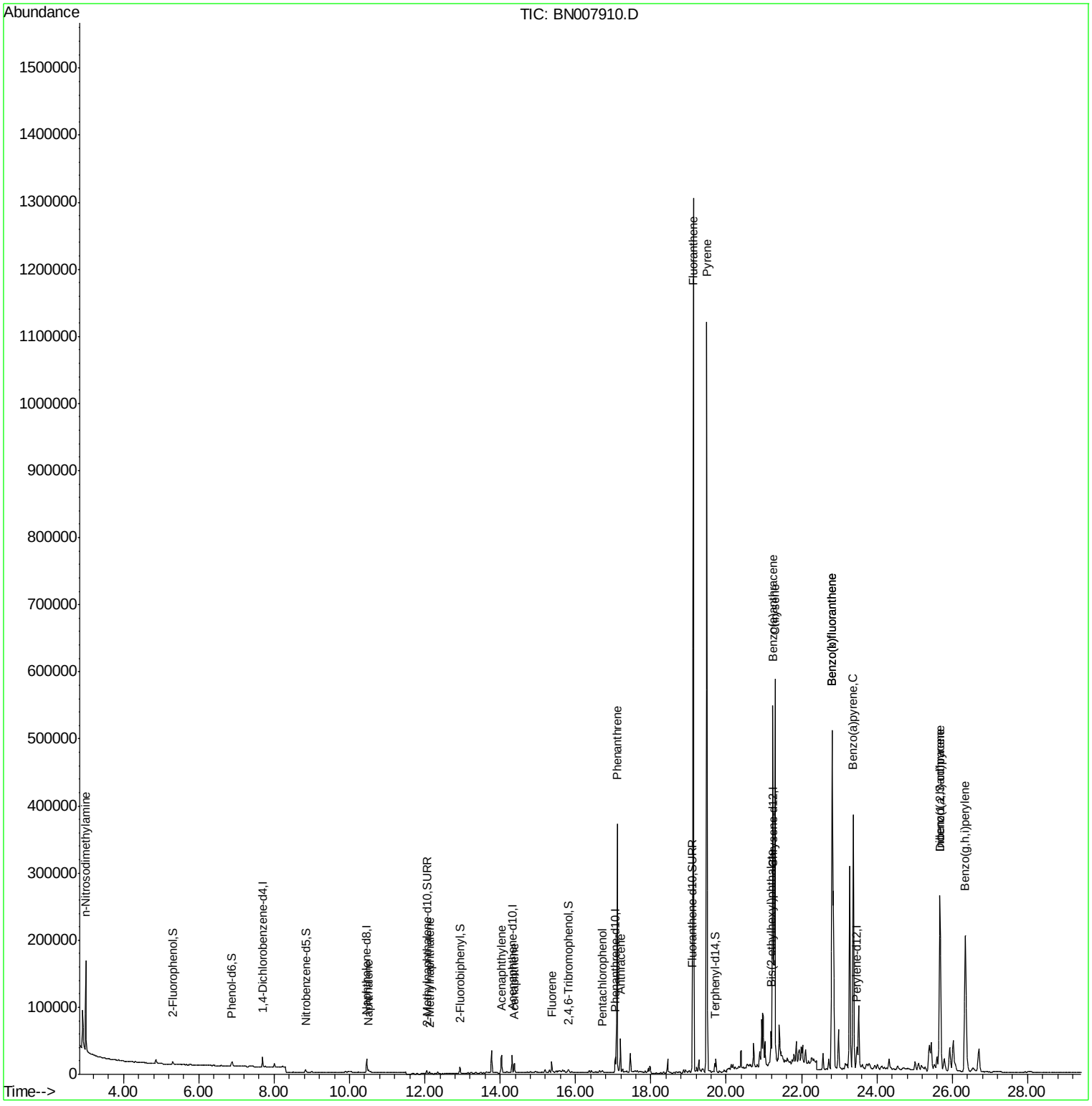
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN093019\

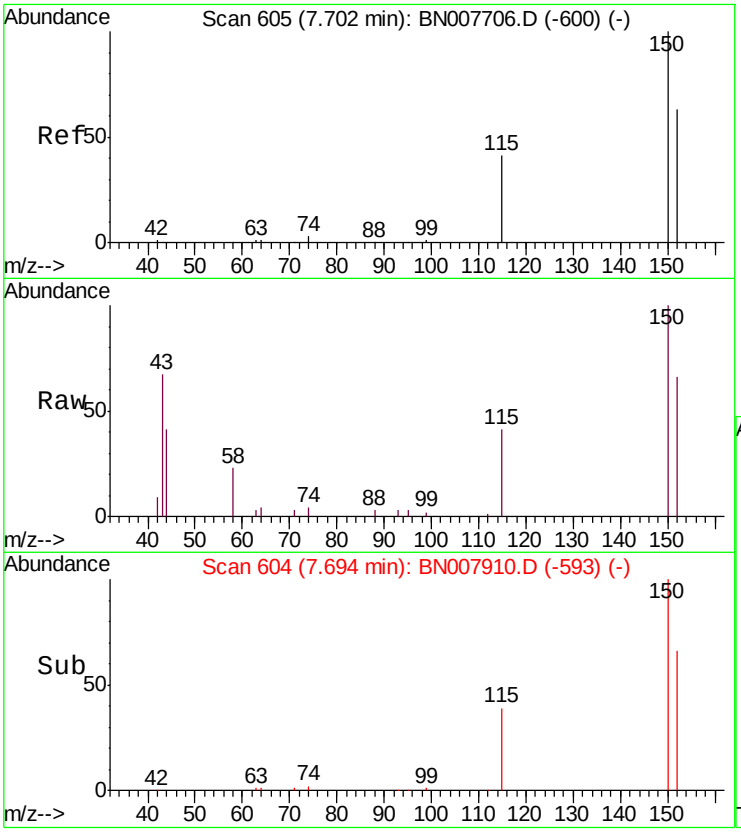
Quantitation Report (Not Reviewed)

Data File : BN007910.D
Acq On : 01 Oct 2019 00:24
Operator : JU
Sample : K5078-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
EXT-024-SW065-092519

Quant Time: Oct 01 07:45:25 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN091819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 18 18:24:40 2019
Response via : Initial Calibration



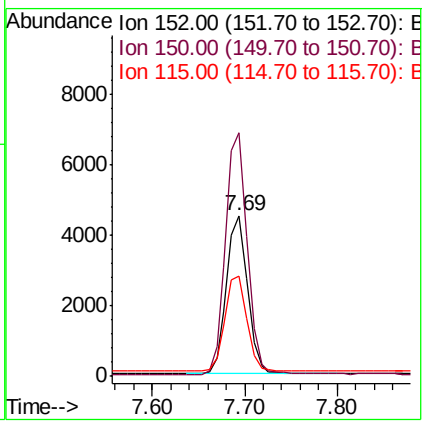


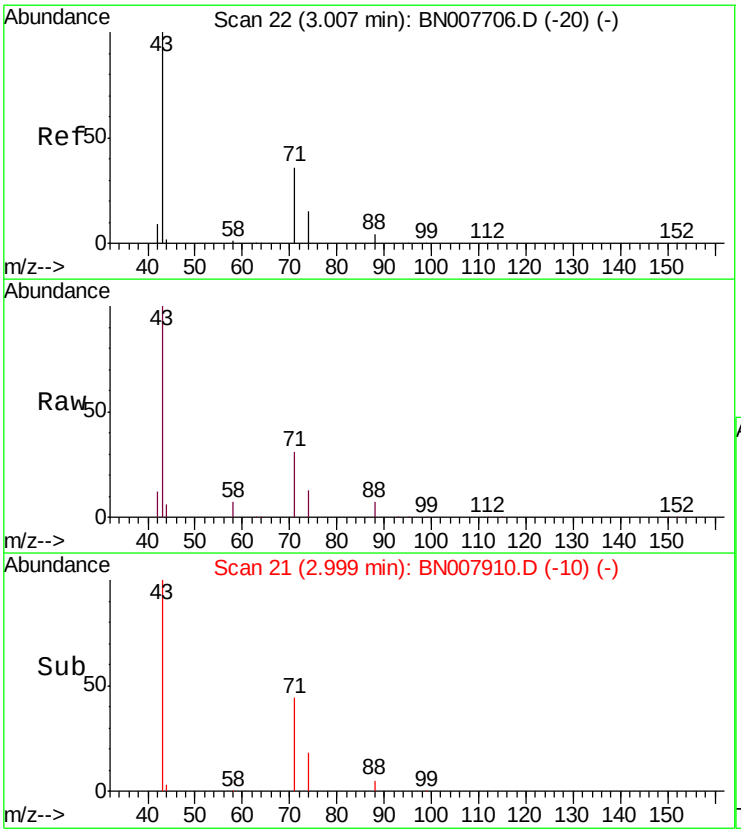
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.69 min Scan# 604
Delta R.T. -0.01 min
Lab File: BN007910.D
Acq: 01 Oct 2019 00:24

Instrument :
BNA_N
ClientSampleId :
EXT-024-SW065-092519

Tgt Ion:152 Resp: 7131

Ion	Ratio	Lower	Upper
152	100		
150	151.5	125.6	188.4
115	62.5	53.3	79.9

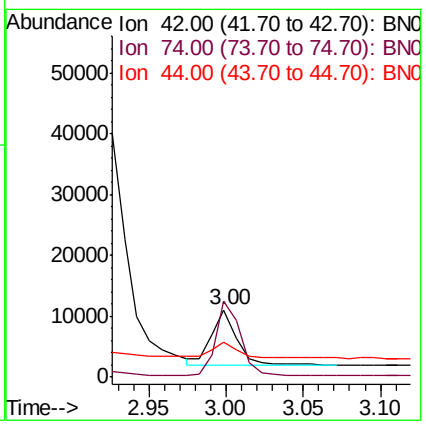


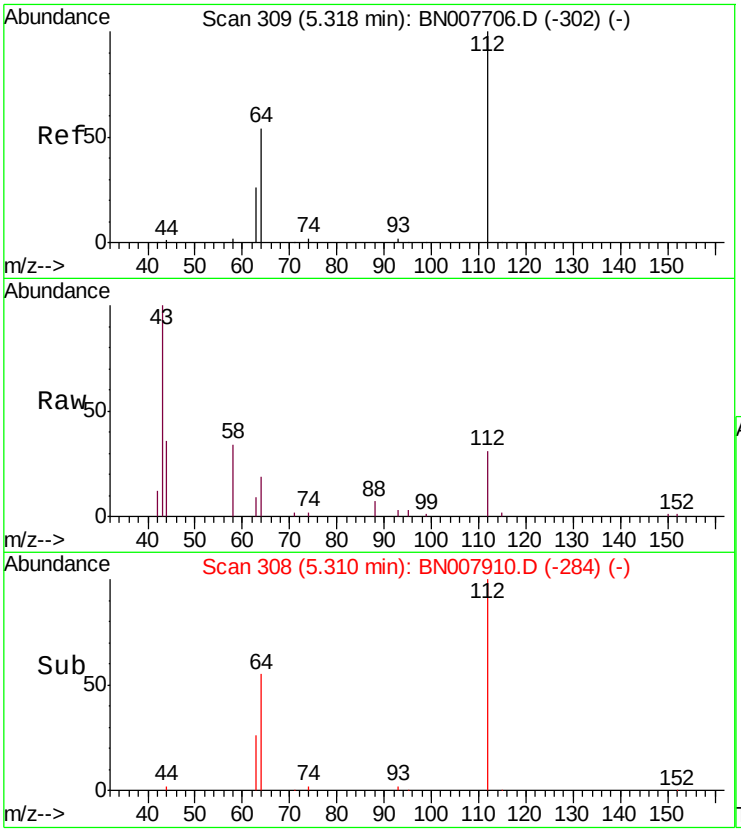


#3
n-Nitrosodimethylamine
Concen: 2.802 ng
RT: 3.00 min Scan# 21
Delta R.T. -0.01 min
Lab File: BN007910.D
Acq: 01 Oct 2019 00:24

Tgt Ion: 42 Resp: 10202

Ion	Ratio	Lower	Upper
42	100		
74	133.8	87.9	131.9#
44	30.0	29.4	44.0



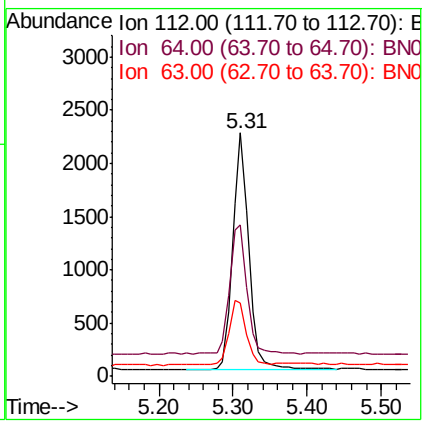


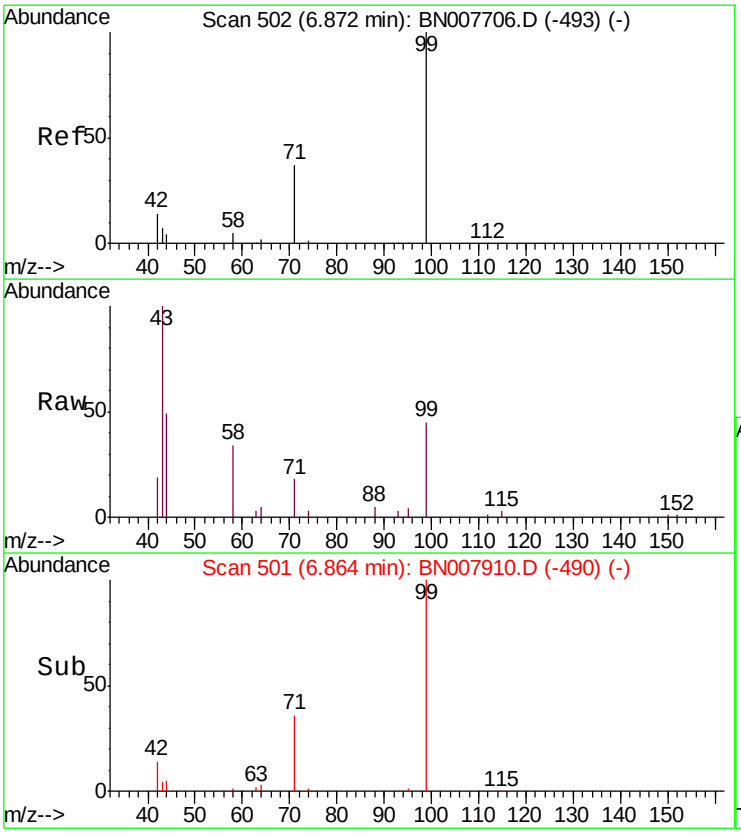
#4
2-Fluorophenol
Concen: 0.137 ng
RT: 5.31 min Scan# 308
Delta R.T. -0.01 min
Lab File: BN007910.D
Acq: 01 Oct 2019 00:24

Instrument :
BNA_N
ClientSampleId :
EXT-024-SW065-092519

Tgt Ion:112 Resp: 3372

Ion	Ratio	Lower	Upper
112	100		
64	58.9	46.6	70.0
63	30.0	23.1	34.7

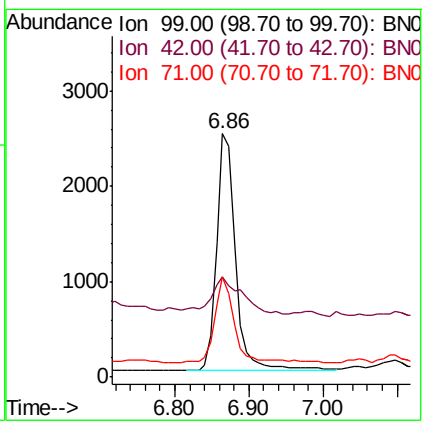


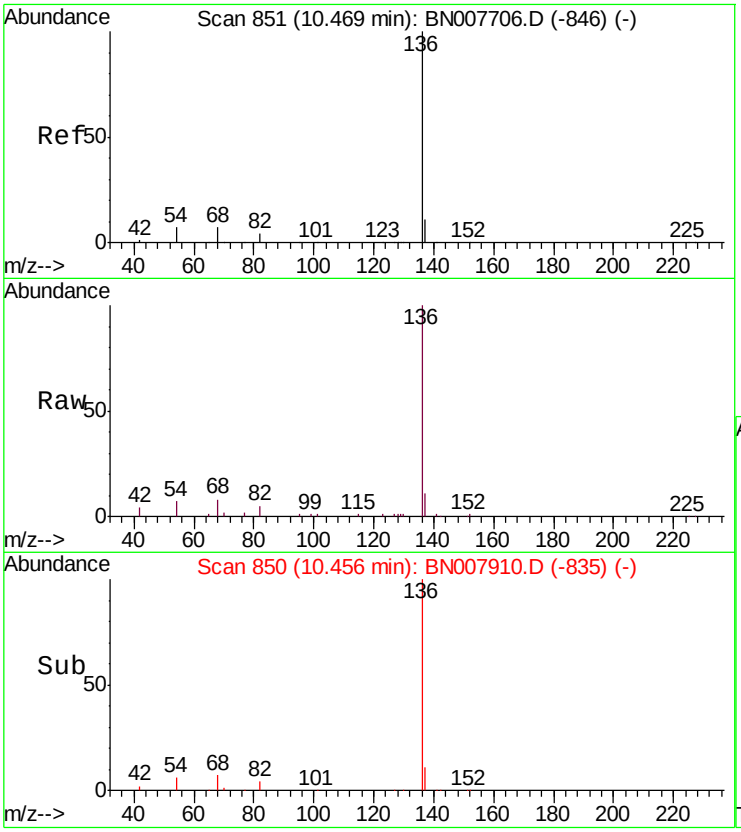


#5
Phenol-d6
Concen: 0.138 ng
RT: 6.86 min Scan# 501
Delta R.T. -0.01 min
Lab File: BN007910.D
Acq: 01 Oct 2019 00:24

Tgt Ion: 99 Resp: 4344

Ion	Ratio	Lower	Upper
99	100		
42	24.9	12.8	19.2#
71	35.4	27.6	41.4



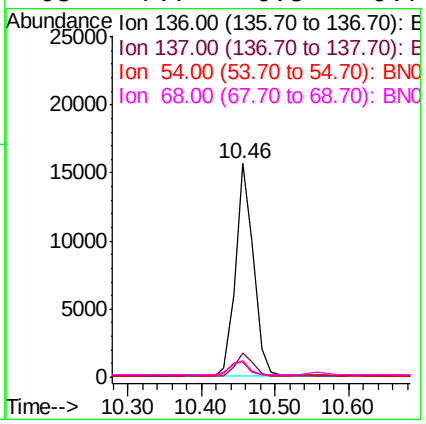


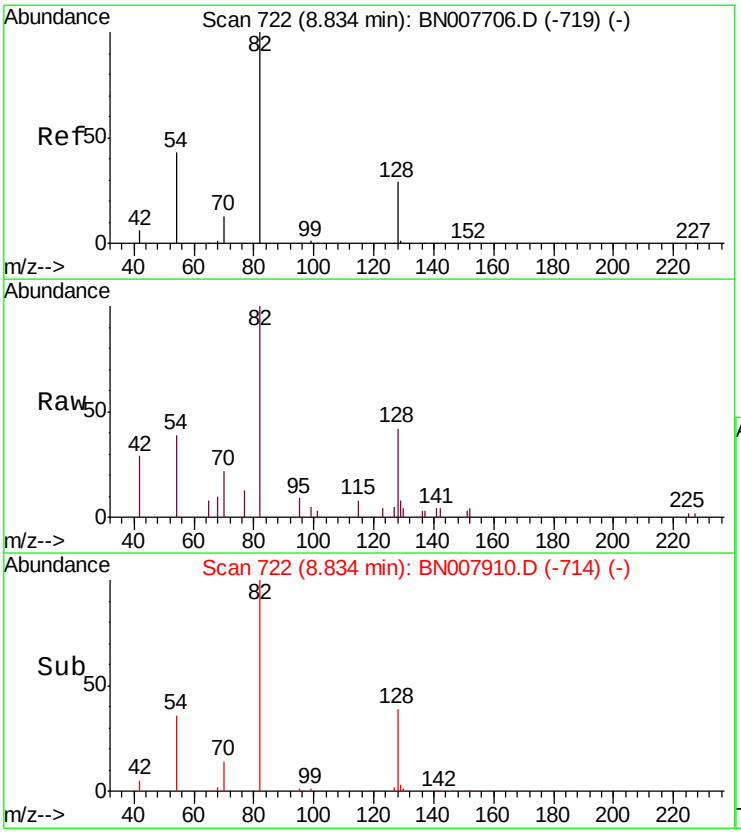
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.46 min Scan# 850
Delta R.T. -0.01 min
Lab File: BN007910.D
Acq: 01 Oct 2019 00:24

Instrument :
BNA_N
ClientSampleId :
EXT-024-SW065-092519

Tgt Ion:136 Resp: 26678

Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.2	13.8
54	7.1	5.8	8.8
68	7.7	6.5	9.7

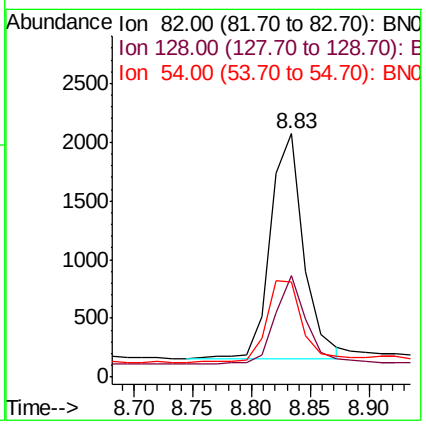


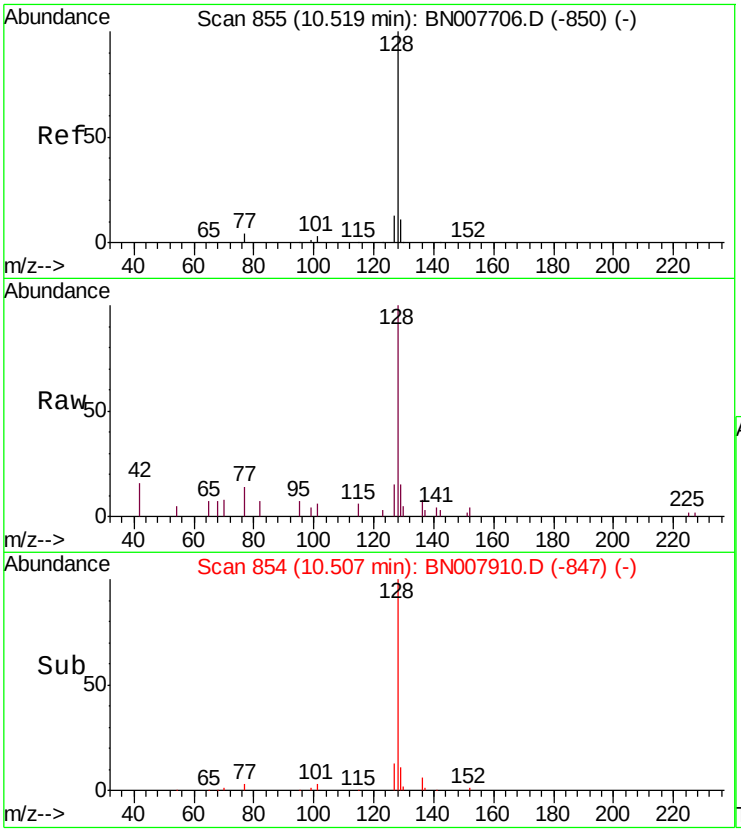


#8
Nitrobenzene-d5
Concen: 0.161 ng
RT: 8.83 min Scan# 722
Delta R.T. -0.00 min
Lab File: BN007910.D
Acq: 01 Oct 2019 00:24

Tgt Ion: 82 Resp: 3753

Ion	Ratio	Lower	Upper
82	100		
128	41.8	24.5	36.7#
54	39.3	35.2	52.8



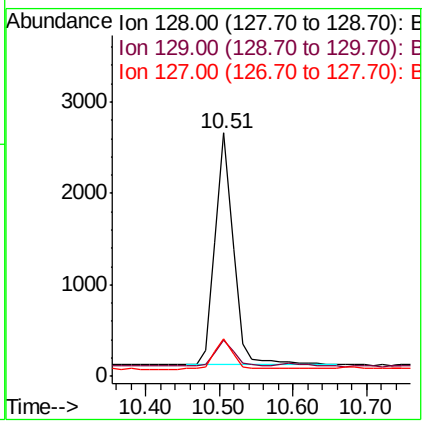


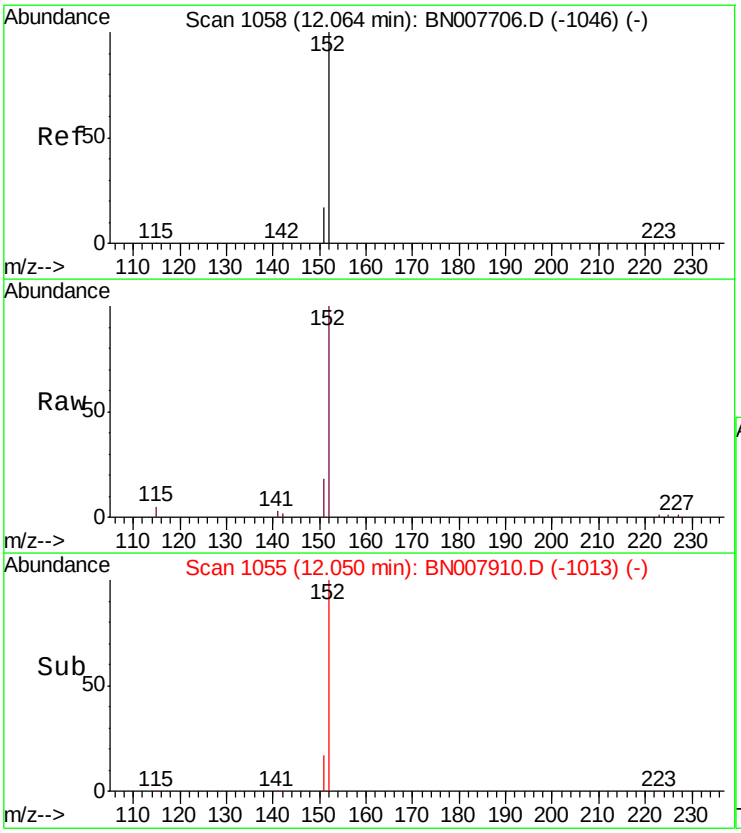
#9
Naphthalene
Concen: 0.059 ng
RT: 10.51 min Scan# 854
Delta R.T. -0.01 min
Lab File: BN007910.D
Acq: 01 Oct 2019 00:24

Instrument :
BNA_N
ClientSampleId :
EXT-024-SW065-092519

Tgt Ion:128 Resp: 4449

Ion	Ratio	Lower	Upper
128	100		
129	15.0	9.1	13.7#
127	15.5	10.6	15.8

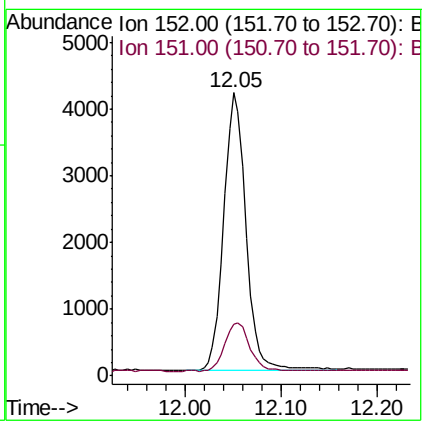


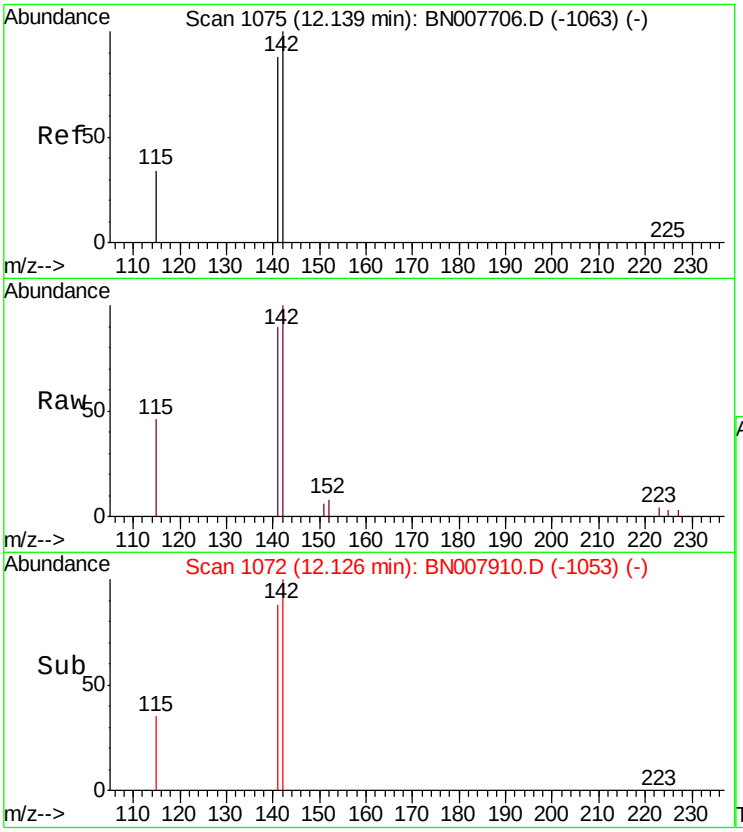


#11
2-Methylnaphthalene-d10
Concen: 0.149 ng
RT: 12.05 min Scan# 1055
Delta R.T. -0.01 min
Lab File: BN007910.D
Acq: 01 Oct 2019 00:24

Tgt Ion:152 Resp: 6705

Ion	Ratio	Lower	Upper
152	100		
151	19.3	15.4	23.2



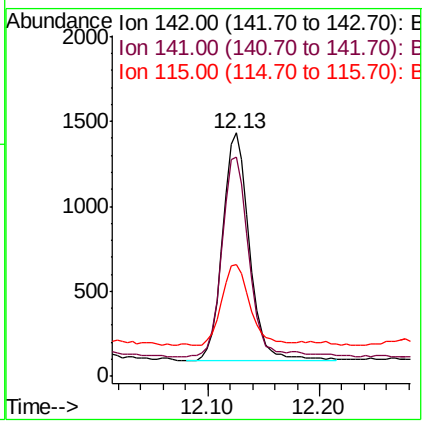


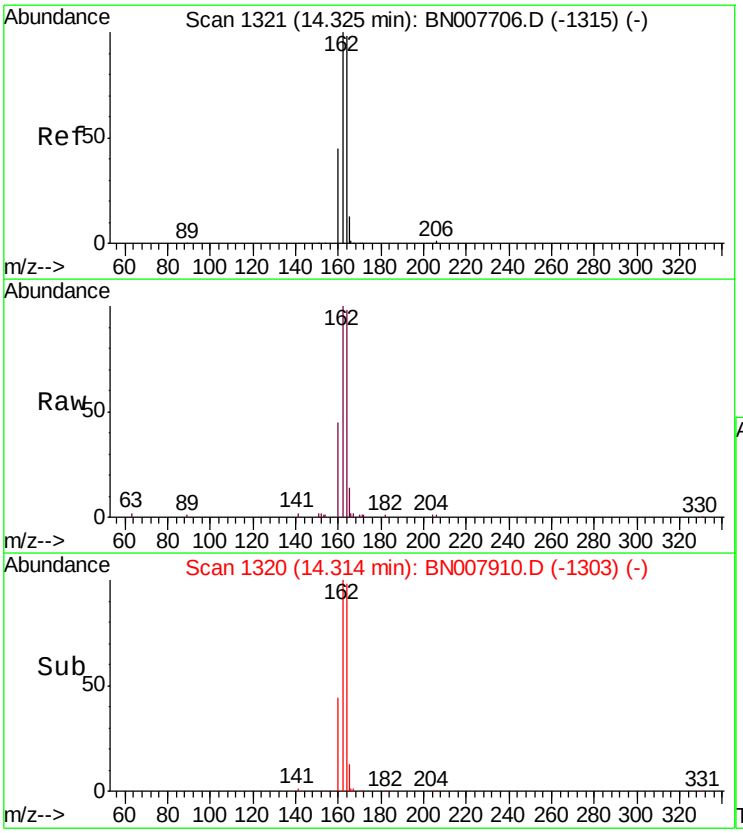
#12
2-Methylnaphthalene
Concen: 0.043 ng
RT: 12.13 min Scan# 1072
Delta R.T. -0.01 min
Lab File: BN007910.D
Acq: 01 Oct 2019 00:24

Instrument :
BNA_N
ClientSampleId :
EXT-024-SW065-092519

Tgt Ion:142 Resp: 2201

Ion	Ratio	Lower	Upper
142	100		
141	90.0	70.6	106.0
115	45.8	28.3	42.5#

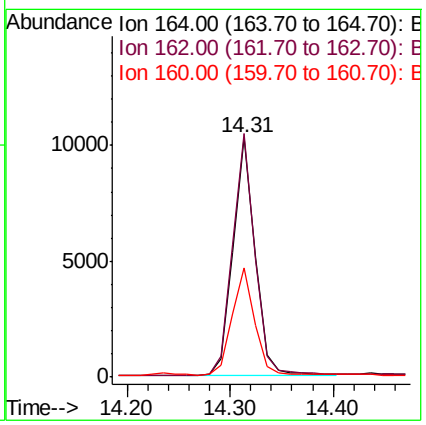


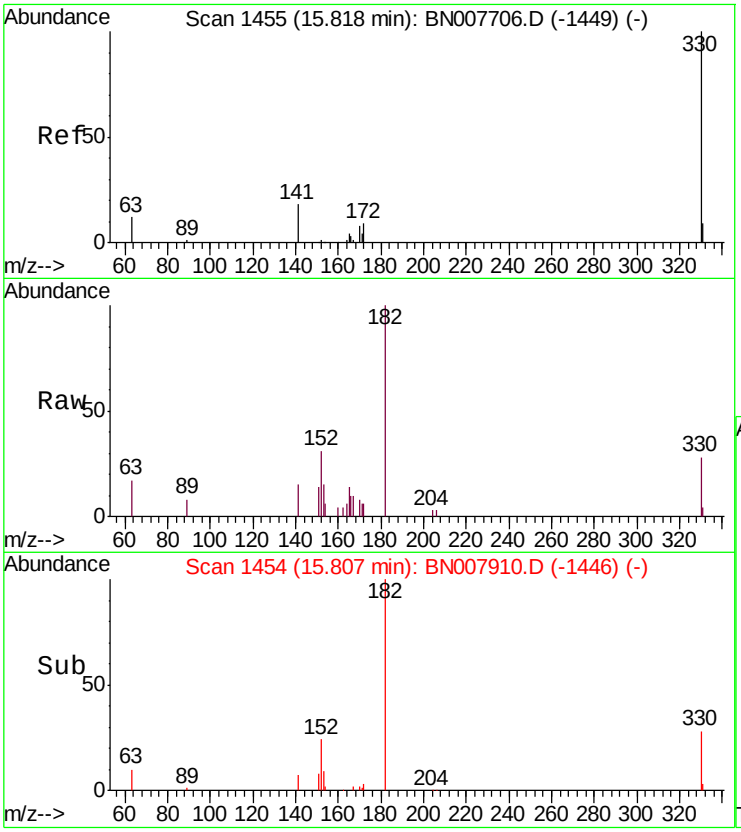


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.31 min Scan# 1320
Delta R.T. -0.01 min
Lab File: BN007910.D
Acq: 01 Oct 2019 00:24

Tgt Ion:164 Resp: 15284

Ion	Ratio	Lower	Upper
164	100		
162	101.8	81.7	122.5
160	45.6	37.0	55.4



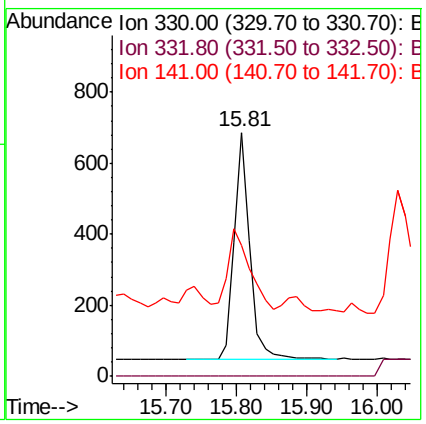


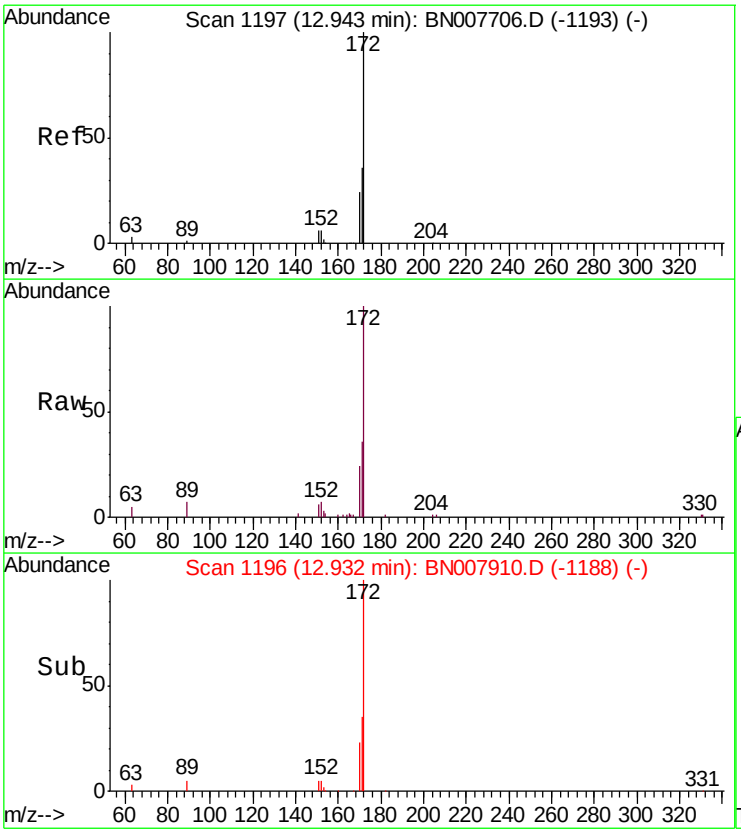
#14
2,4,6-Tribromophenol
Concen: 0.122 ng
RT: 15.81 min Scan# 1454
Delta R.T. -0.01 min
Lab File: BN007910.D
Acq: 01 Oct 2019 00:24

Instrument :
BNA_N
ClientSampleId :
EXT-024-SW065-092519

Tgt Ion:330 Resp: 1013

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	47.3	28.7	43.1#

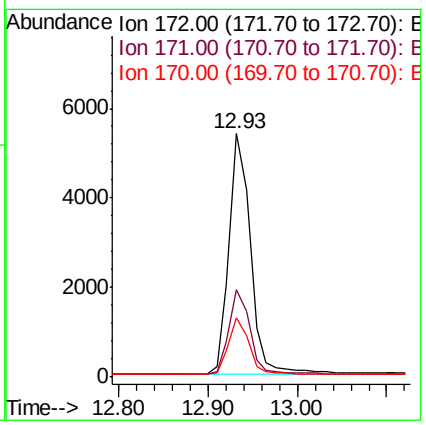


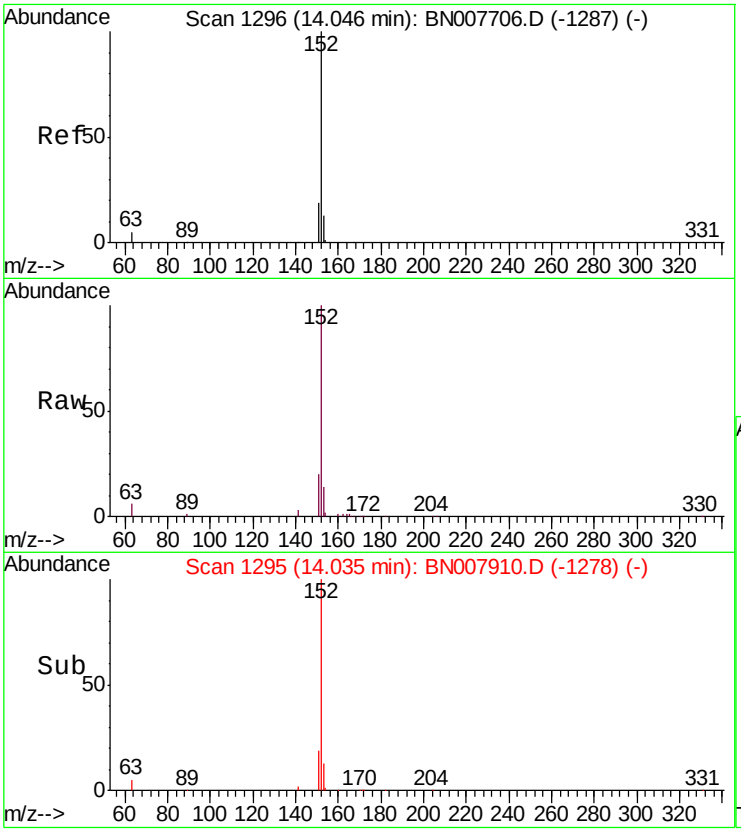


#15
2-Fluorobiphenyl
Concen: 0.145 ng
RT: 12.93 min Scan# 1196
Delta R.T. -0.01 min
Lab File: BN007910.D
Acq: 01 Oct 2019 00:24

Tgt Ion:172 Resp: 9109

Ion	Ratio	Lower	Upper
172	100		
171	36.0	28.8	43.2
170	24.2	19.5	29.3



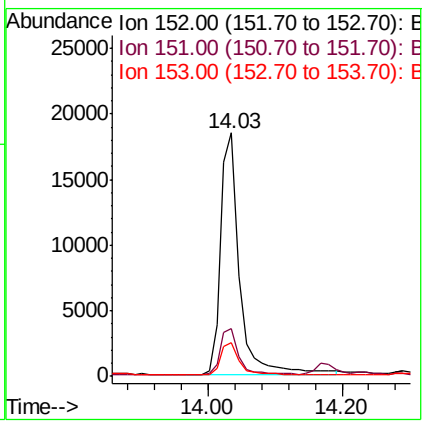


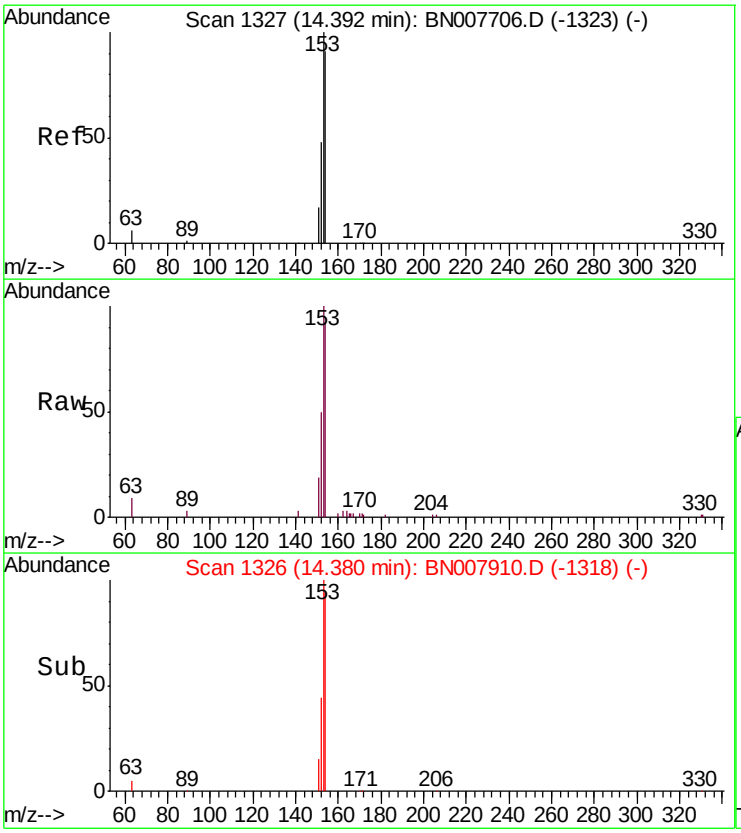
#16
Acenaphthylene
Concen: 0.450 ng
RT: 14.03 min Scan# 1295
Delta R.T. -0.01 min
Lab File: BN007910.D
Acq: 01 Oct 2019 00:24

Instrument :
BNA_N
ClientSampleId :
EXT-024-SW065-092519

Tgt Ion:152 Resp: 36511

Ion	Ratio	Lower	Upper
152	100		
151	19.2	15.5	23.3
153	13.2	10.4	15.6

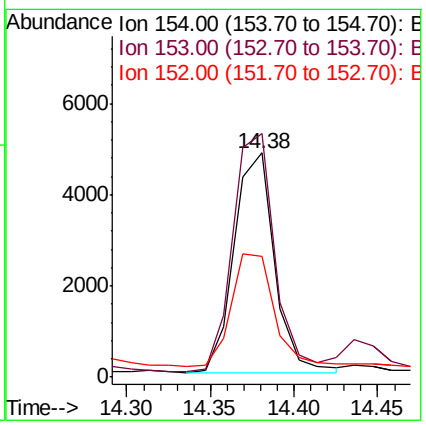


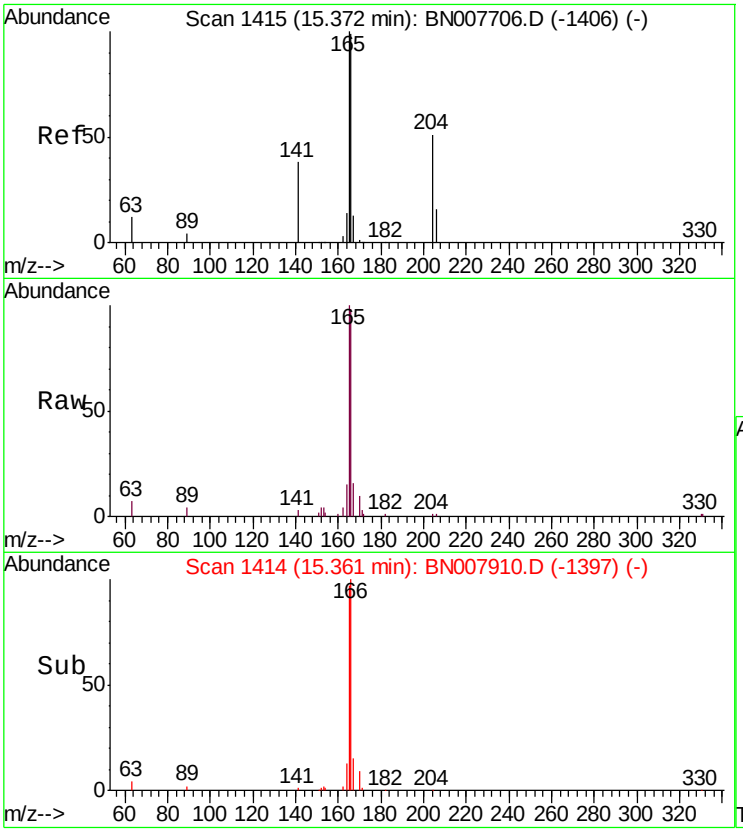


#17
Acenaphthene
Concen: 0.154 ng
RT: 14.38 min Scan# 1326
Delta R.T. -0.01 min
Lab File: BN007910.D
Acq: 01 Oct 2019 00:24

Tgt Ion:154 Resp: 8044

Ion	Ratio	Lower	Upper
154	100		
153	112.0	87.0	130.4
152	58.3	42.7	64.1



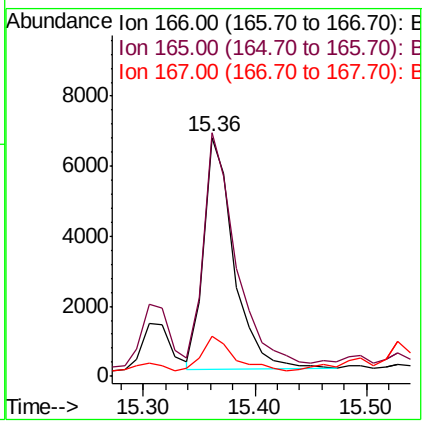


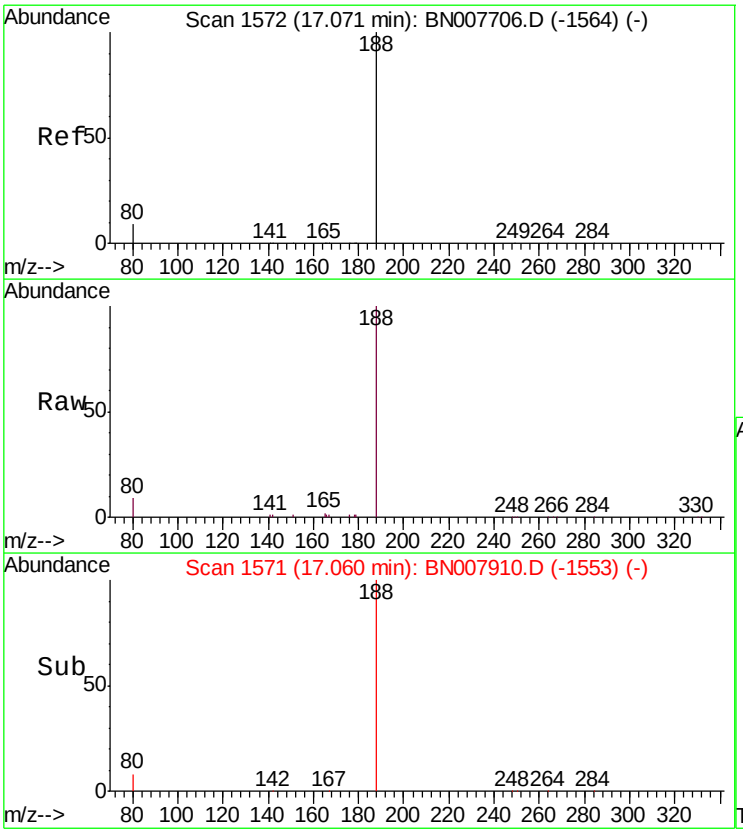
#18
Fluorene
Concen: 0.187 ng
RT: 15.36 min Scan# 1414
Delta R.T. -0.01 min
Lab File: BN007910.D
Acq: 01 Oct 2019 00:24

Instrument :
BNA_N
ClientSampleId :
EXT-024-SW065-092519

Tgt Ion:166 Resp: 12519

Ion	Ratio	Lower	Upper
166	100		
165	105.6	78.0	117.0
167	15.6	10.9	16.3

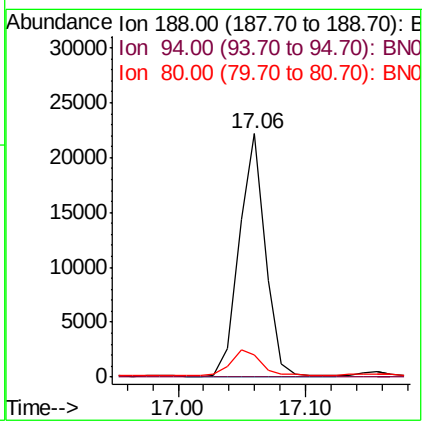


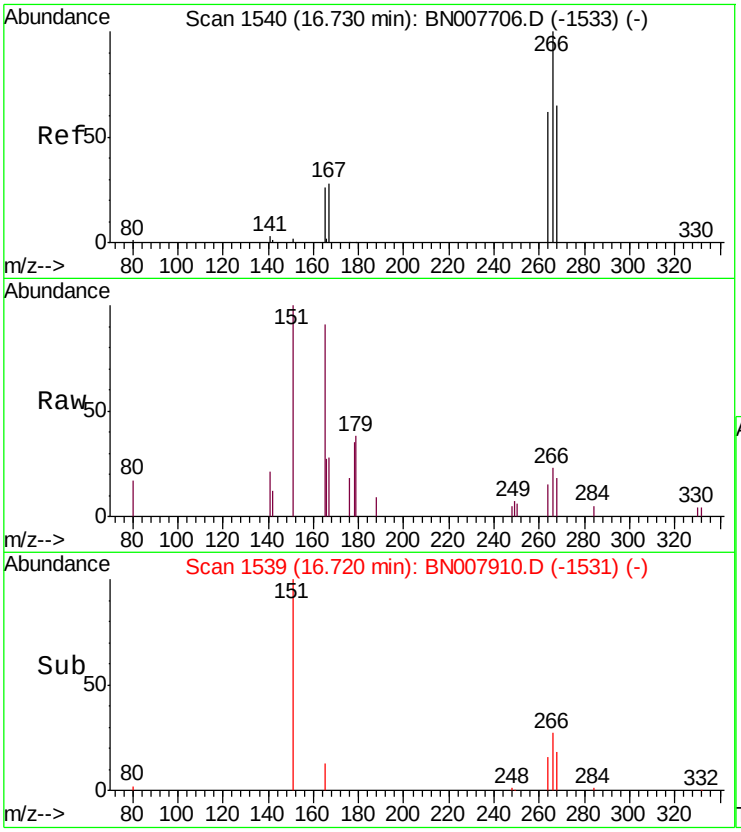


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.06 min Scan# 1571
Delta R.T. -0.01 min
Lab File: BN007910.D
Acq: 01 Oct 2019 00:24

Tgt Ion:188 Resp: 31399

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	9.3	7.4	11.2



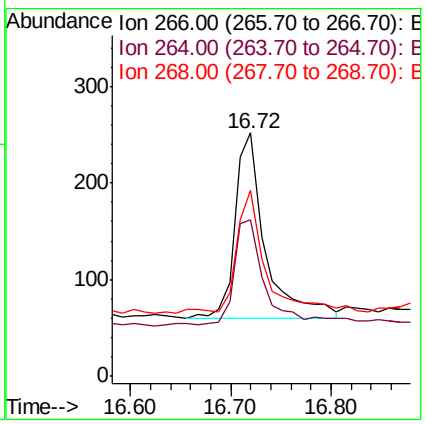


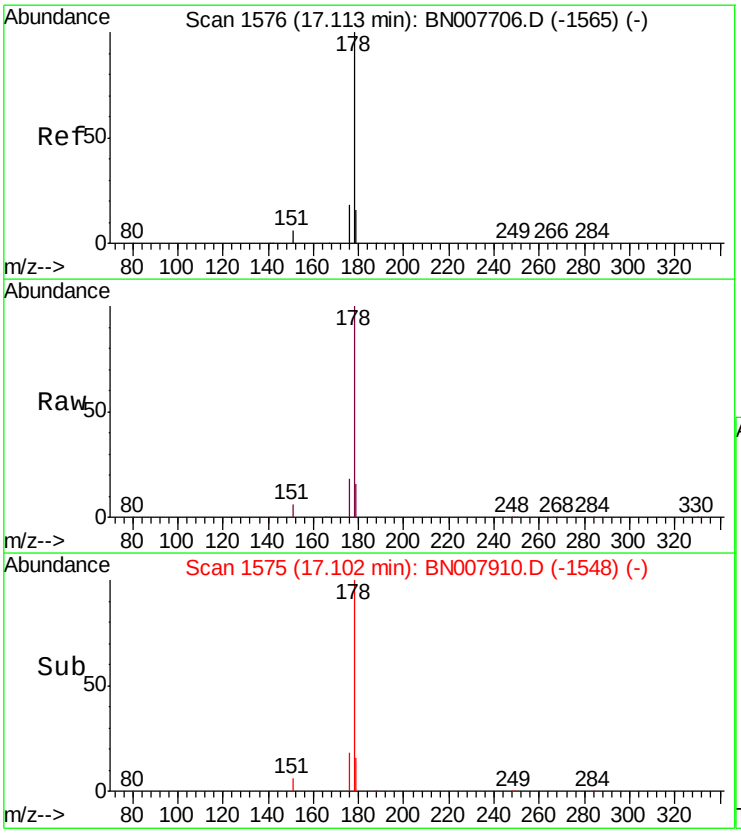
#22
Pentachlorophenol
Concen: 0.052 ng
RT: 16.72 min Scan# 1539
Delta R.T. -0.01 min
Lab File: BN007910.D
Acq: 01 Oct 2019 00:24

Instrument :
BNA_N
ClientSampleId :
EXT-024-SW065-092519

Tgt Ion:266 Resp: 402

Ion	Ratio	Lower	Upper
266	100		
264	64.3	50.0	75.0
268	76.6	54.2	81.4

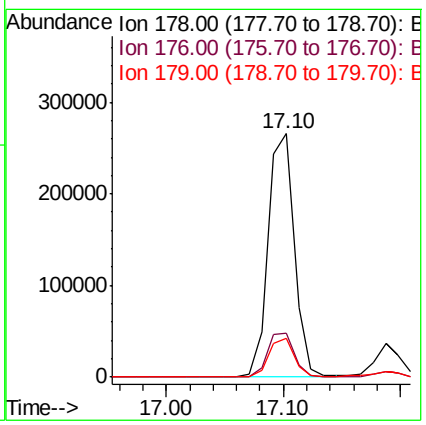


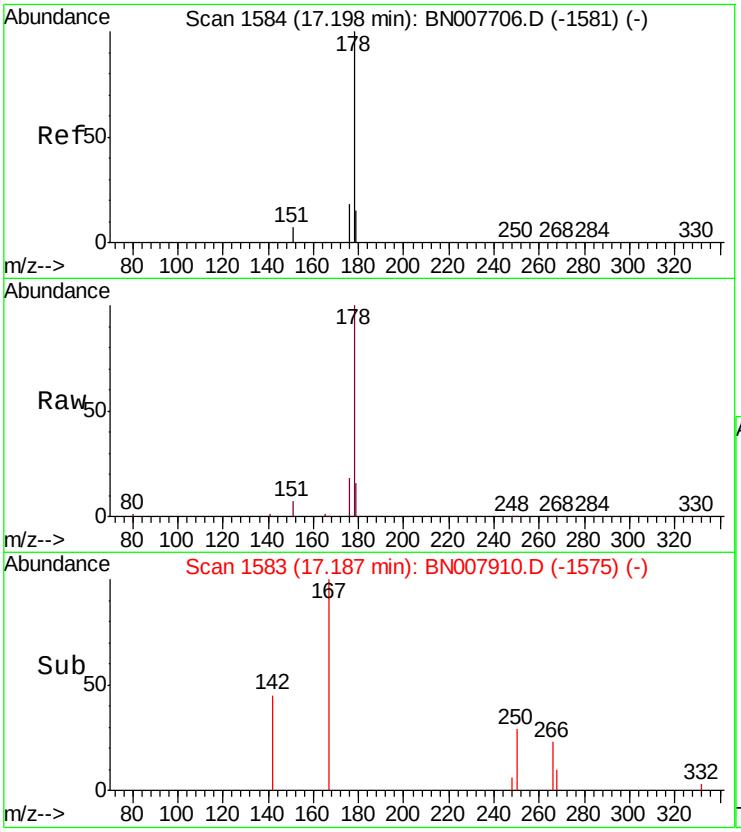


#23
Phenanthrene
Concen: 4.230 ng
RT: 17.10 min Scan# 1575
Delta R.T. -0.01 min
Lab File: BN007910.D
Acq: 01 Oct 2019 00:24

Tgt Ion:178 Resp: 413736

Ion	Ratio	Lower	Upper
178	100		
176	18.6	14.9	22.3
179	15.4	12.5	18.7



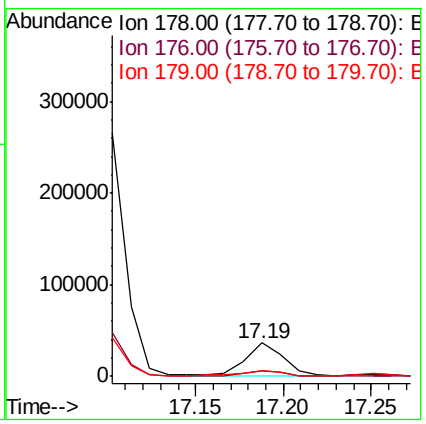


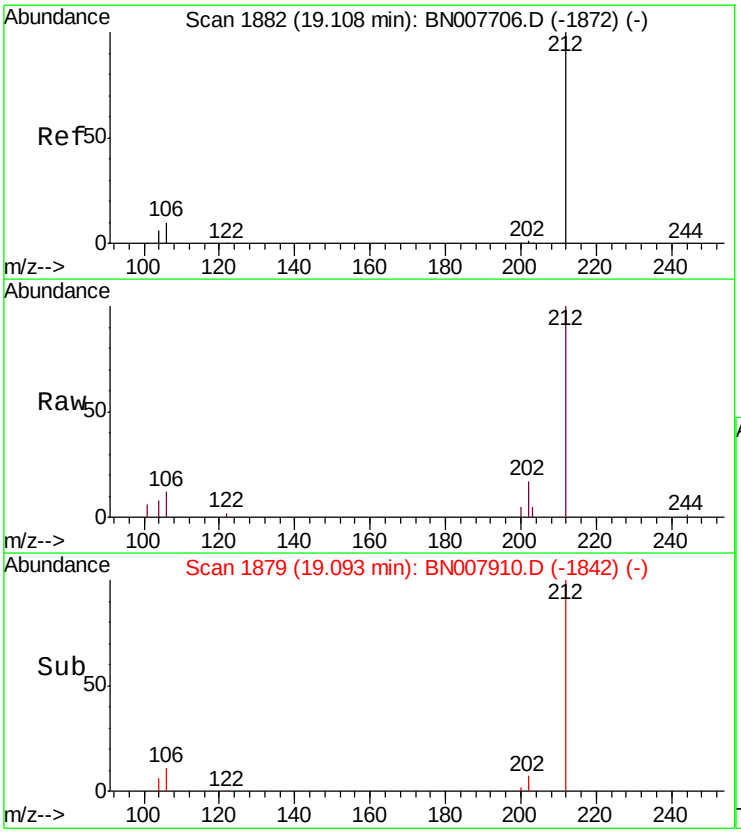
#24
Anthracene
Concen: 0.576 ng
RT: 17.19 min Scan# 1583
Delta R.T. -0.01 min
Lab File: BN007910.D
Acq: 01 Oct 2019 00:24

Instrument :
BNA_N
ClientSampleId :
EXT-024-SW065-092519

Tgt Ion:178 Resp: 50902

Ion	Ratio	Lower	Upper
178	100		
176	19.2	14.6	21.8
179	19.8	12.2	18.4#

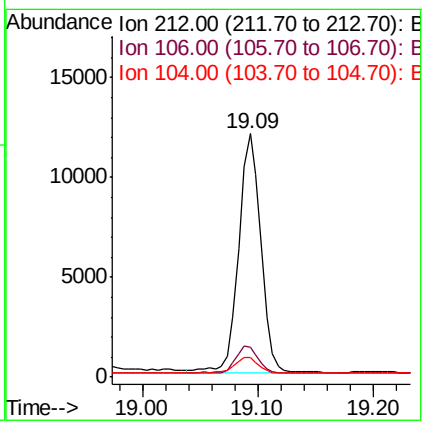


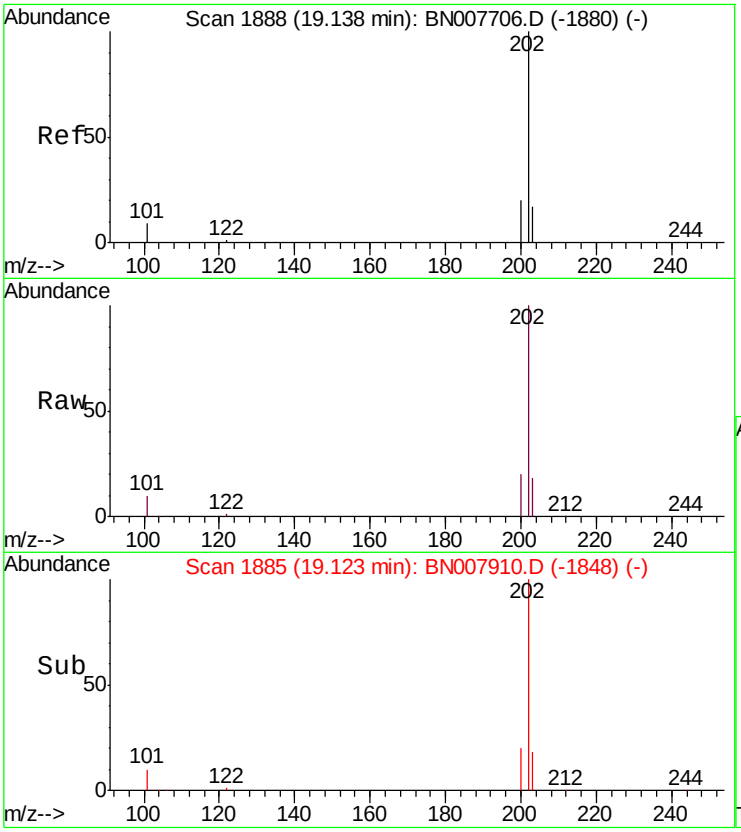


#25
Fluoranthene-d10
Concen: 0.151 ng
RT: 19.09 min Scan# 1879
Delta R.T. -0.01 min
Lab File: BN007910.D
Acq: 01 Oct 2019 00:24

Tgt Ion:212 Resp: 15963

Ion	Ratio	Lower	Upper
212	100		
106	11.8	9.4	14.0
104	7.3	5.3	7.9



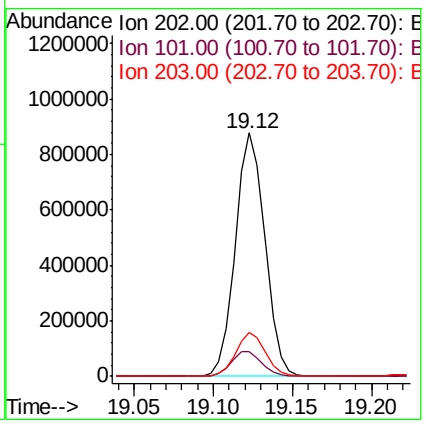


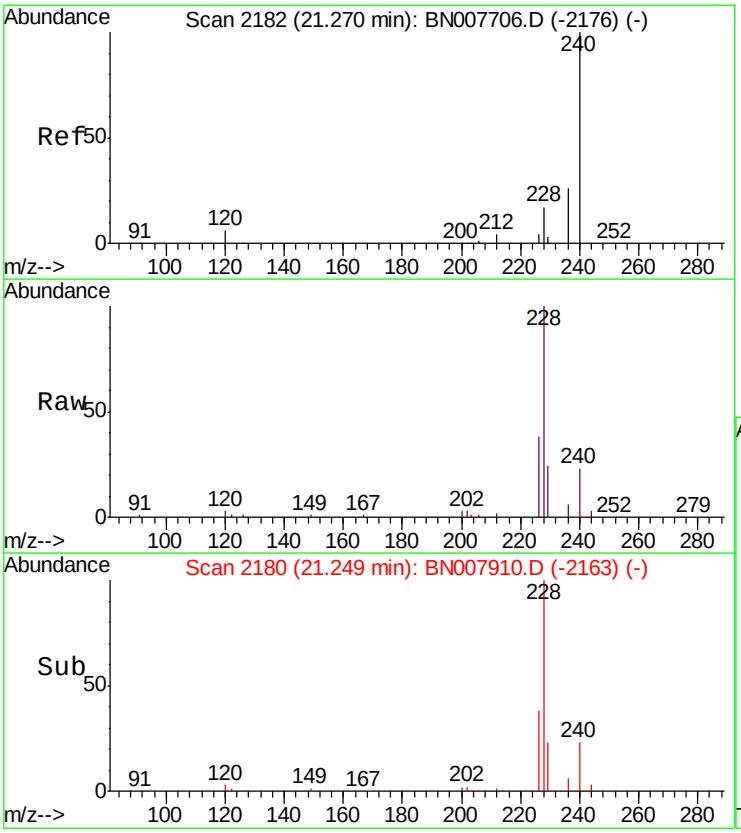
#26
Fluoranthene
Concen: 9.325 ng
RT: 19.12 min Scan# 1885
Delta R.T. -0.01 min
Lab File: BN007910.D
Acq: 01 Oct 2019 00:24

Instrument :
BNA_N
ClientSampleId :
EXT-024-SW065-092519

Tgt Ion:202 Resp: 1134182

Ion	Ratio	Lower	Upper
202	100		
101	10.6	8.4	12.6
203	17.6	13.8	20.8

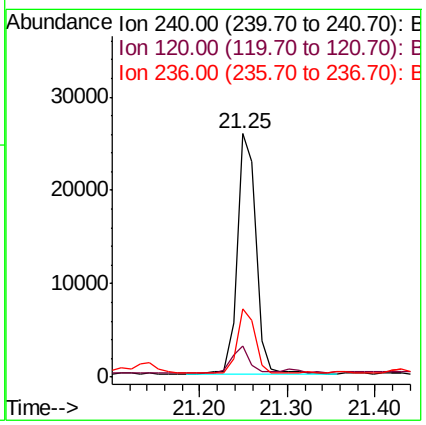


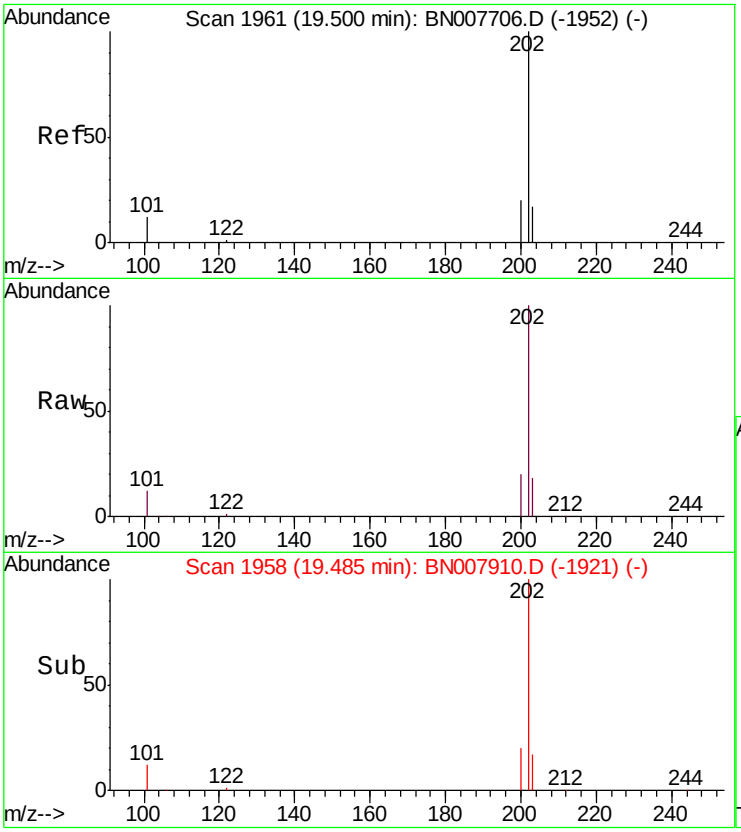


#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.25 min Scan# 2180
Delta R.T. -0.02 min
Lab File: BN007910.D
Acq: 01 Oct 2019 00:24

Tgt Ion:240 Resp: 37941

Ion	Ratio	Lower	Upper
240	100		
120	12.7	5.4	8.2#
236	28.1	21.0	31.4



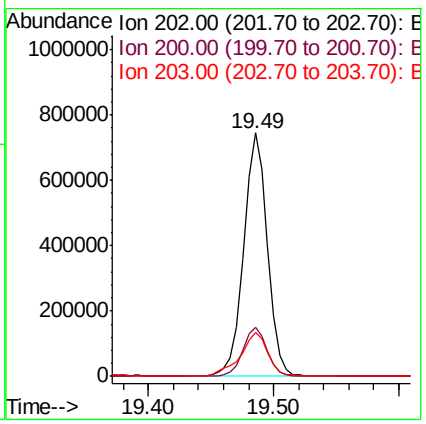


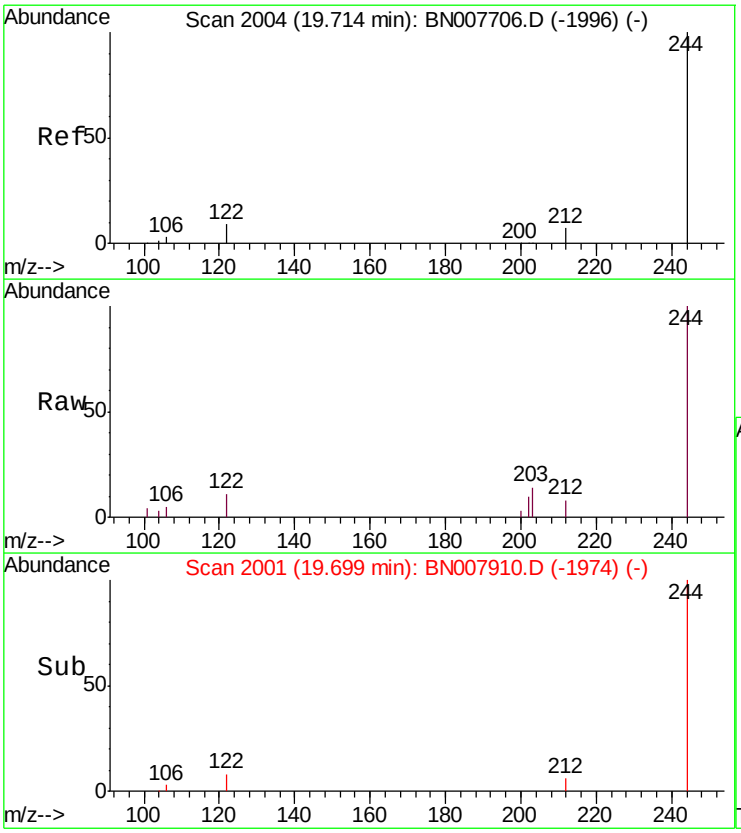
#28
Pyrene
Concen: 7.556 ng
RT: 19.49 min Scan# 1958
Delta R.T. -0.01 min
Lab File: BN007910.D
Acq: 01 Oct 2019 00:24

Instrument :
BNA_N
ClientSampleId :
EXT-024-SW065-092519

Tgt Ion:202 Resp: 977714

Ion	Ratio	Lower	Upper
202	100		
200	20.5	16.4	24.6
203	20.9	14.1	21.1

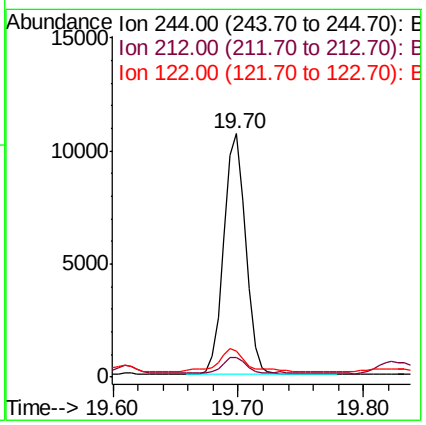


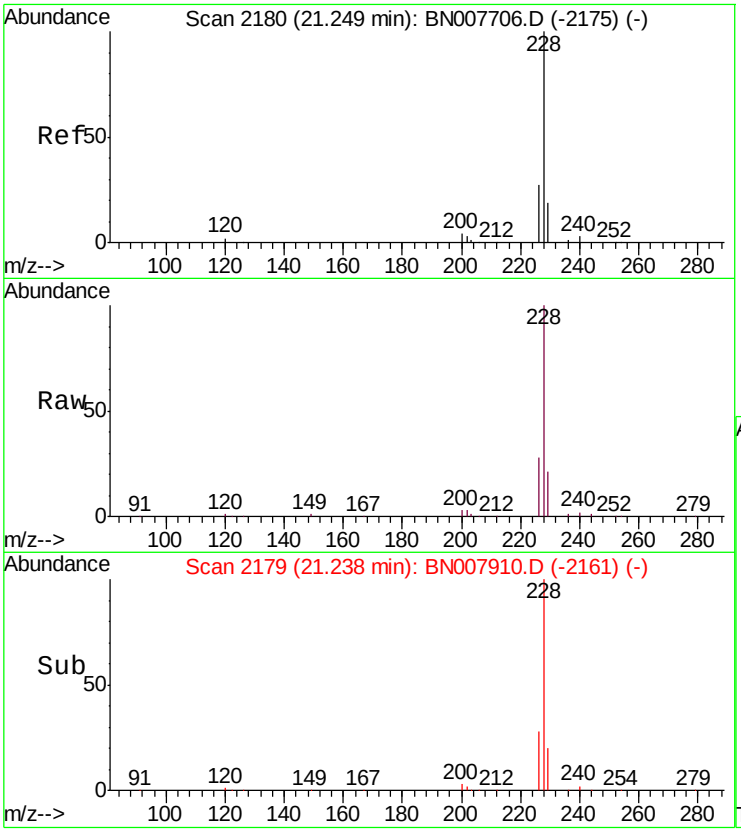


#29
Terphenyl-d14
Concen: 0.137 ng
RT: 19.70 min Scan# 2001
Delta R.T. -0.01 min
Lab File: BN007910.D
Acq: 01 Oct 2019 00:24

Tgt Ion:244 Resp: 12782

Ion	Ratio	Lower	Upper
244	100		
212	8.3	5.9	8.9
122	10.5	7.4	11.2



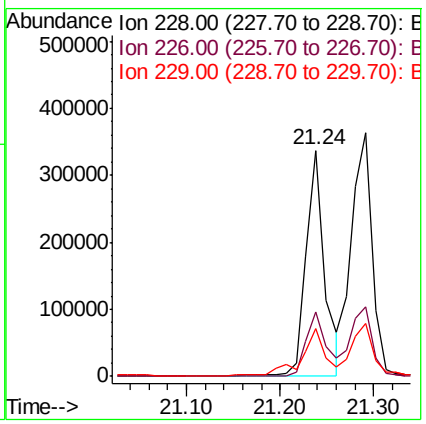


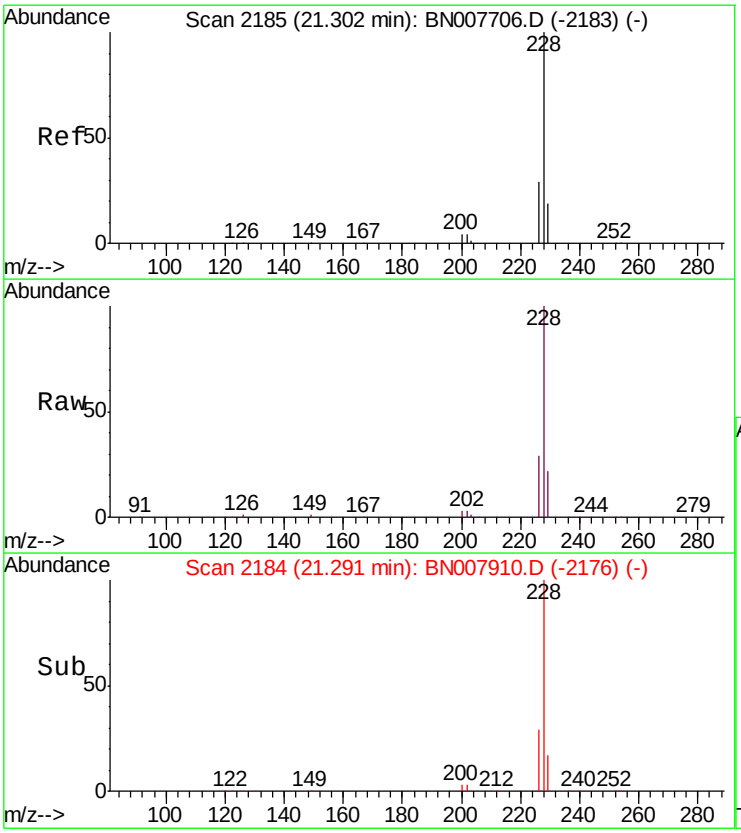
#30
Benzo(a)anthracene
Concen: 3.305 ng
RT: 21.24 min Scan# 2179
Delta R.T. -0.01 min
Lab File: BN007910.D
Acq: 01 Oct 2019 00:24

Instrument :
BNA_N
ClientSampleId :
EXT-024-SW065-092519

Tgt Ion:228 Resp: 461820

Ion	Ratio	Lower	Upper
228	100		
226	28.3	22.1	33.1
229	20.9	15.8	23.6

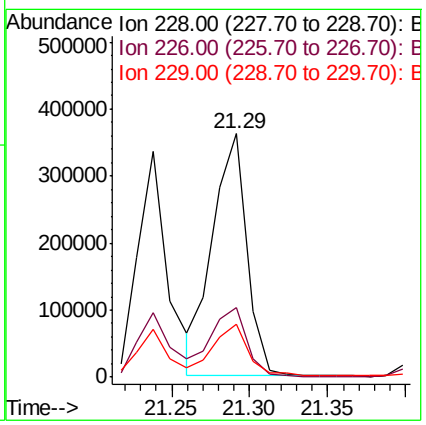


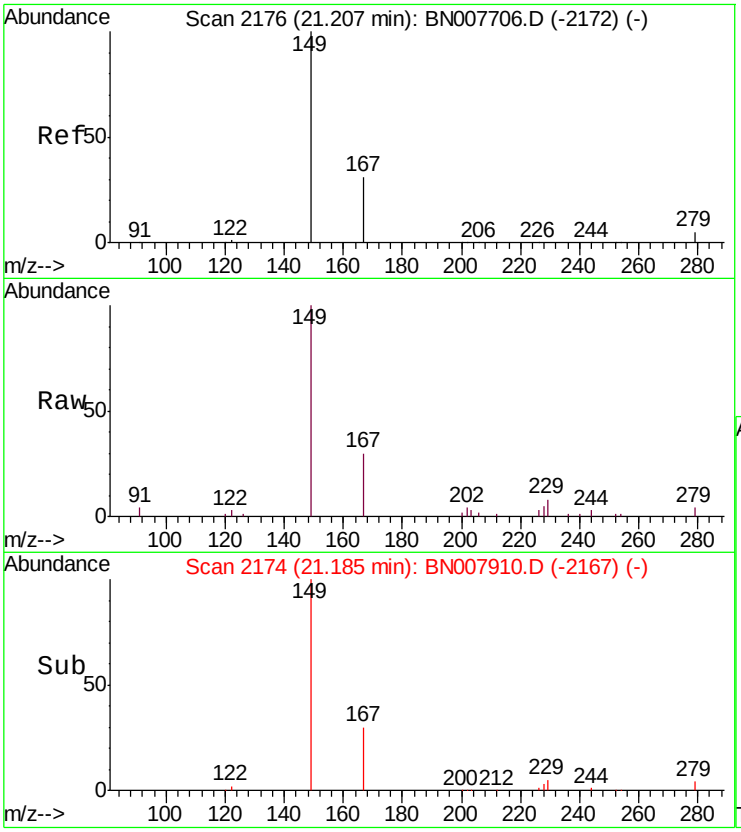


#31
Chrysene
Concen: 4.056 ng
RT: 21.29 min Scan# 2184
Delta R.T. -0.01 min
Lab File: BN007910.D
Acq: 01 Oct 2019 00:24

Tgt Ion:228 Resp: 552297

Ion	Ratio	Lower	Upper
228	100		
226	28.8	23.9	35.9
229	21.7	15.8	23.6



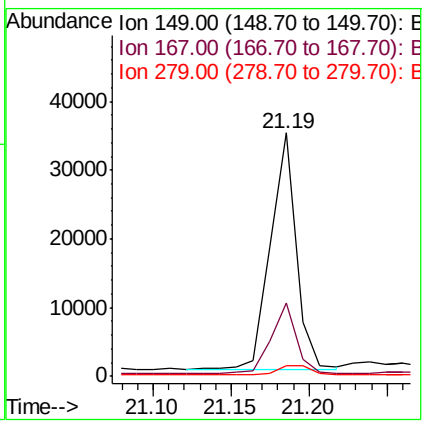


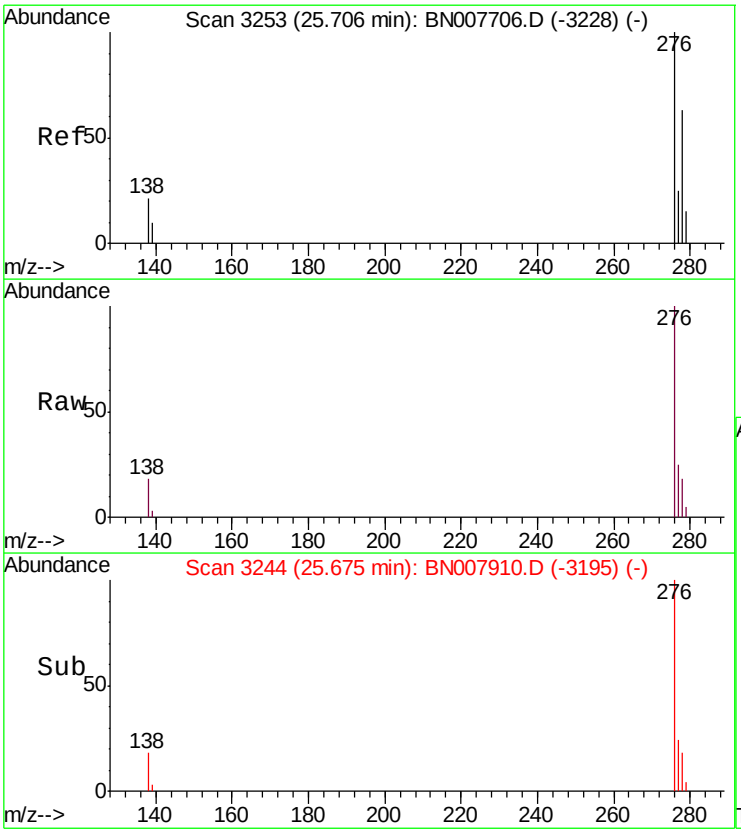
#32
Bis(2-ethylhexyl)phthalate
Concen: 0.545 ng
RT: 21.19 min Scan# 2174
Delta R.T. -0.02 min
Lab File: BN007910.D
Acq: 01 Oct 2019 00:24

Instrument :
BNA_N
ClientSampleId :
EXT-024-SW065-092519

Tgt Ion:149 Resp: 39145

Ion	Ratio	Lower	Upper
149	100		
167	28.9	23.7	35.5
279	5.2	4.2	6.2

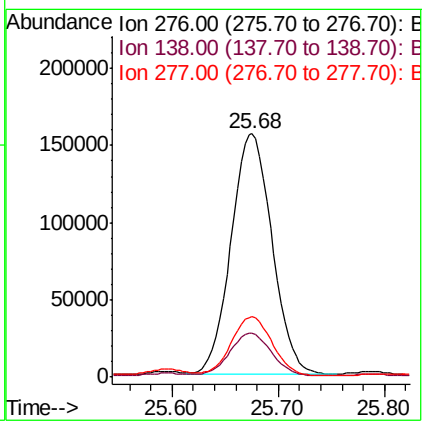


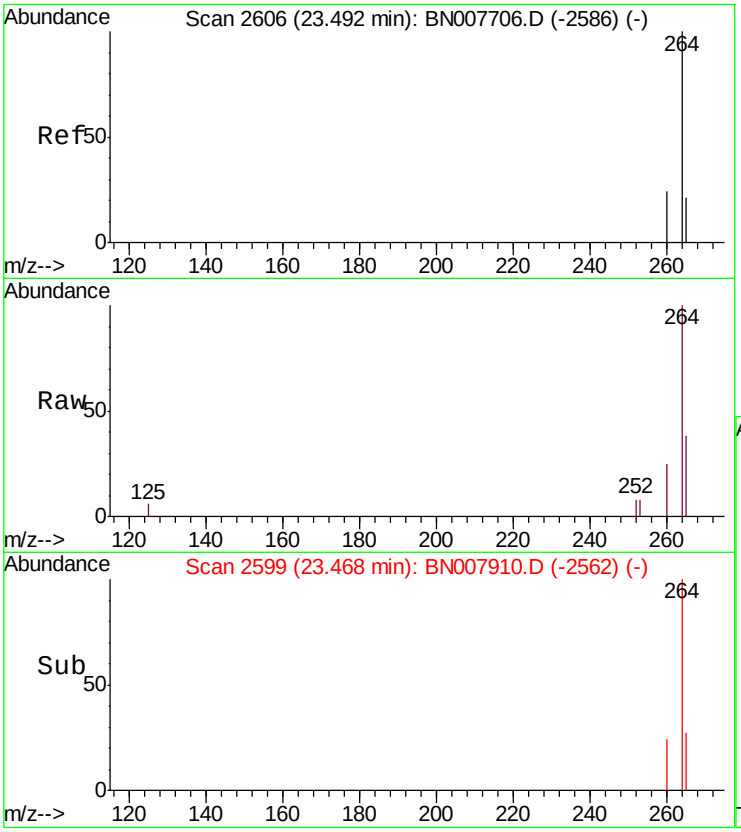


#33
Indeno(1,2,3-cd)pyrene
Concen: 2.455 ng
RT: 25.68 min Scan# 3244
Delta R.T. -0.03 min
Lab File: BN007910.D
Acq: 01 Oct 2019 00:24

Tgt Ion:276 Resp: 418560

Ion	Ratio	Lower	Upper
276	100		
138	18.1	17.1	25.7
277	24.5	20.0	30.0



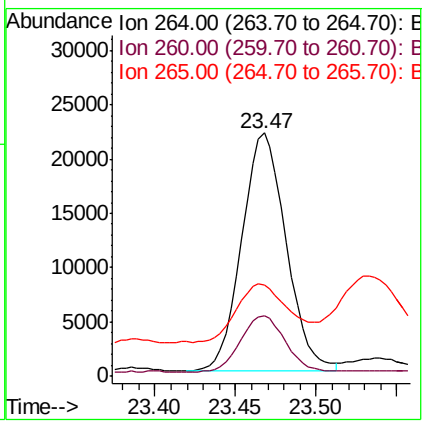


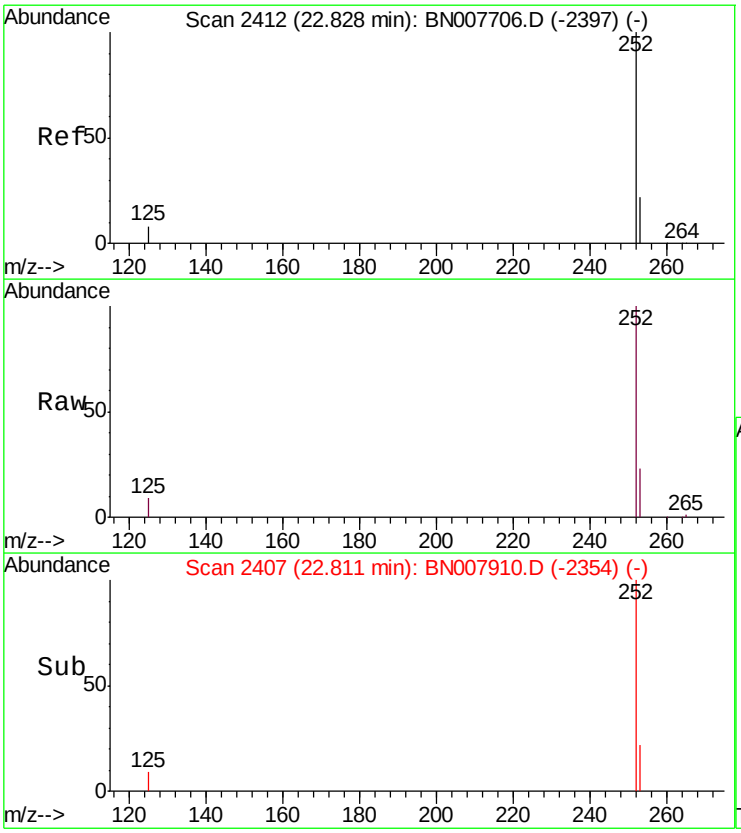
#34
Perylene-d12
Concen: 0.400 ng
RT: 23.47 min Scan# 2599
Delta R.T. -0.02 min
Lab File: BN007910.D
Acq: 01 Oct 2019 00:24

Instrument :
BNA_N
ClientSampleId :
EXT-024-SW065-092519

Tgt Ion:264 Resp: 41680

Ion	Ratio	Lower	Upper
264	100		
260	25.0	19.3	28.9
265	37.6	26.9	40.3

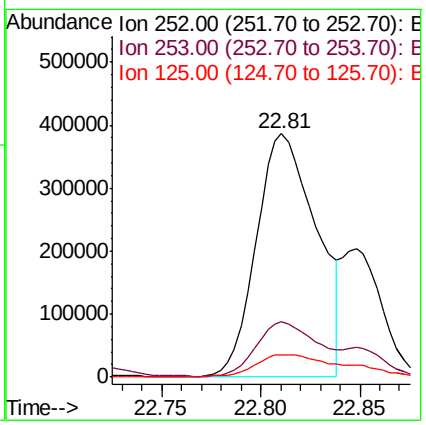


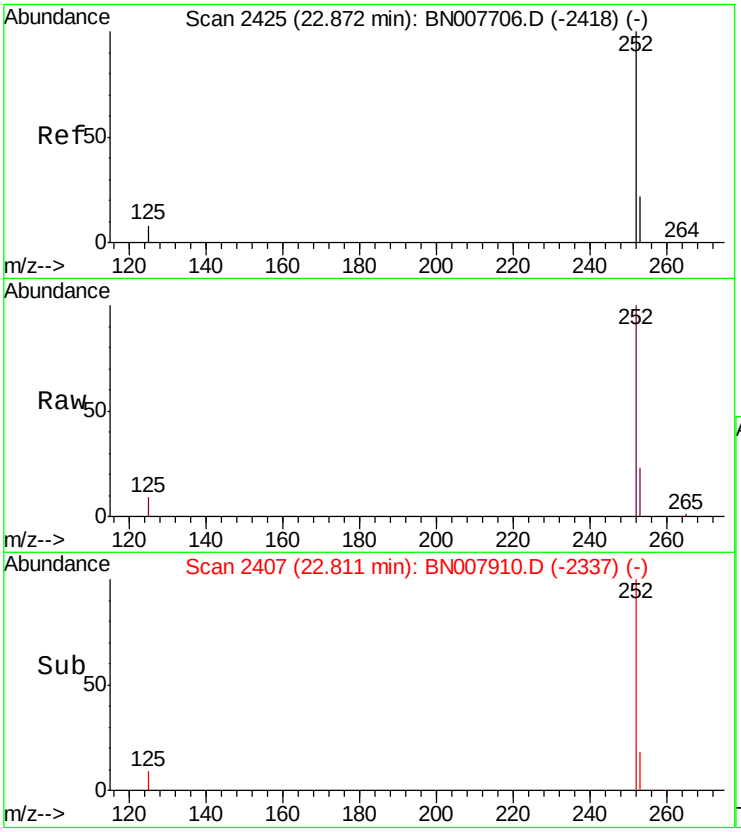


#35
Benzo(b)fluoranthene
Concen: 5.645 ng
RT: 22.81 min Scan# 2407
Delta R.T. -0.02 min
Lab File: BN007910.D
Acq: 01 Oct 2019 00:24

Tgt Ion:252 Resp: 816837

Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.3	27.5
125	9.3	8.2	12.4



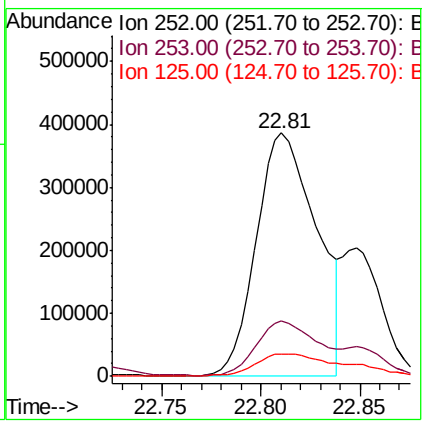


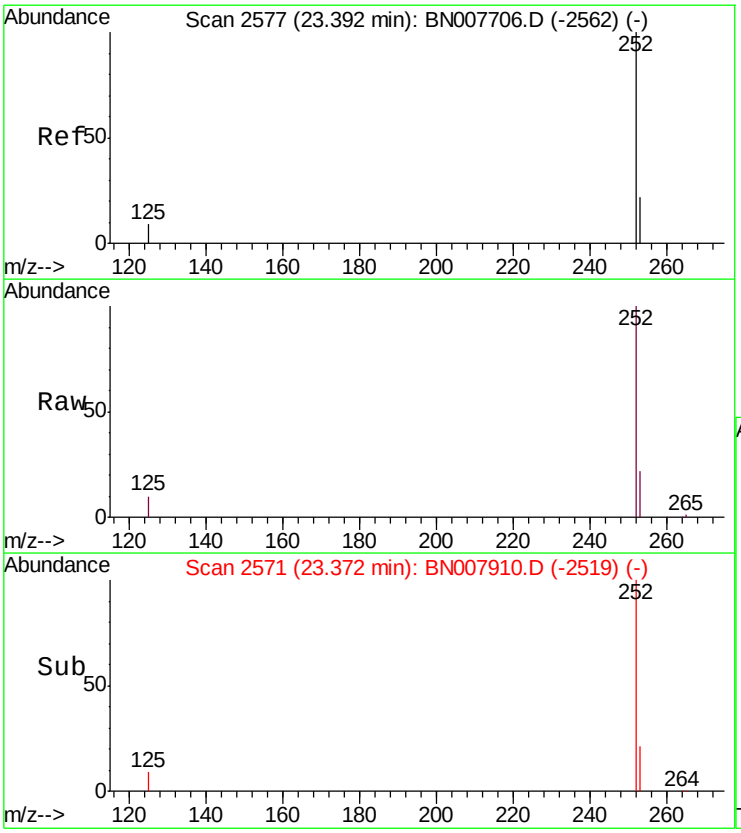
#36
Benzo(k)fluoranthene
Concen: 5.709 ng
RT: 22.81 min Scan# 2407
Delta R.T. -0.06 min
Lab File: BN007910.D
Acq: 01 Oct 2019 00:24

Instrument :
BNA_N
ClientSampleId :
EXT-024-SW065-092519

Tgt Ion:252 Resp: 816837

Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.5	27.7
125	9.3	8.4	12.6

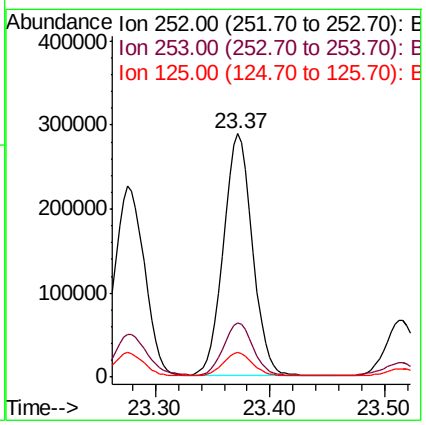


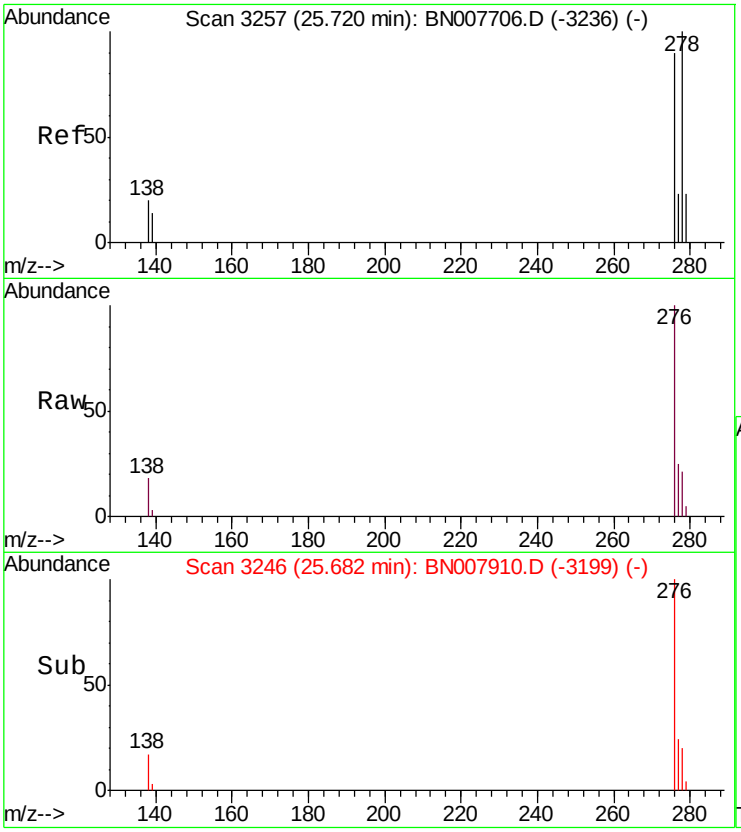


#37
Benzo(a)pyrene
Concen: 3.757 ng
RT: 23.37 min Scan# 2571
Delta R.T. -0.02 min
Lab File: BN007910.D
Acq: 01 Oct 2019 00:24

Tgt Ion:252 Resp: 510817

Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.6	27.8
125	10.0	9.4	14.0



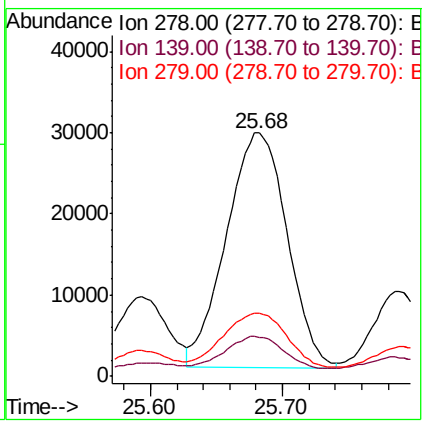


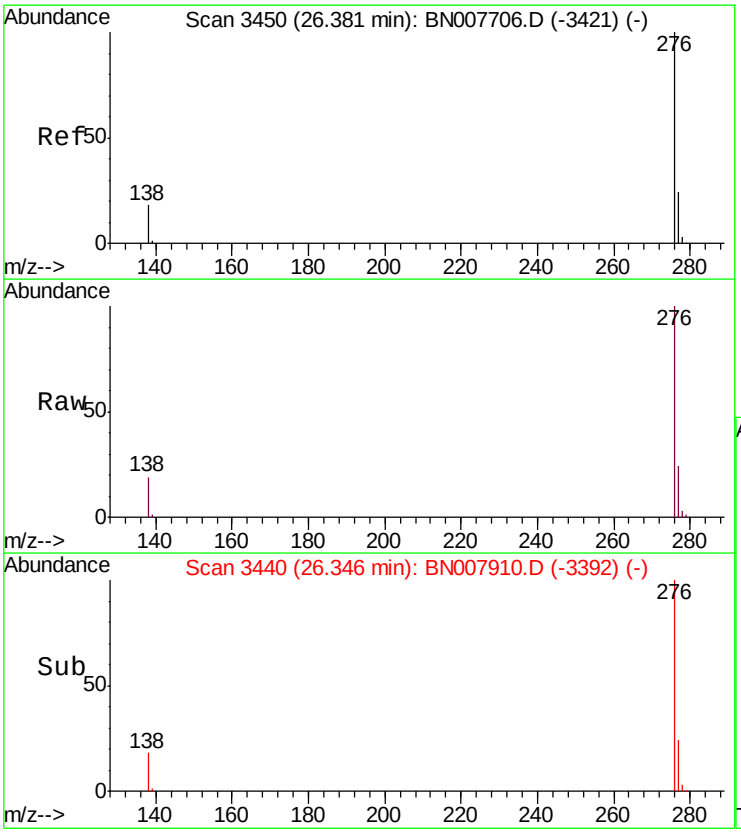
#38
Dibenzo(a,h)anthracene
Concen: 0.666 ng
RT: 25.68 min Scan# 3246
Delta R.T. -0.04 min
Lab File: BN007910.D
Acq: 01 Oct 2019 00:24

Instrument :
BNA_N
ClientSampleId :
EXT-024-SW065-092519

Tgt Ion:278 Resp: 92730

Ion	Ratio	Lower	Upper
278	100		
139	16.1	11.8	17.6
279	26.0	19.4	29.2





#39
Benzo(g,h,i)perylene
Concen: 3.082 ng
RT: 26.35 min Scan# 3440
Delta R.T. -0.03 min
Lab File: BN007910.D
Acq: 01 Oct 2019 00:24

Tgt Ion:276 Resp: 424267

Ion	Ratio	Lower	Upper
276	100		
277	24.2	19.8	29.8
138	18.7	15.1	22.7