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

Quantitation Report (Not Reviewed)

Data File : BN007898.D
Acq On : 30 Sep 2019 15:54
Operator : JU
Sample : K5077-23
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : PST-024-SW138-092519

Quant Time: Oct 01 06:48:59 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	9282	0.40	ng		0.00
7) Naphthalene-d8	10.46	136	36061	0.40	ng		-0.01
13) Acenaphthene-d10	14.31	164	20534	0.40	ng		-0.01
19) Phenanthrene-d10	17.06	188	38924	0.40	ng		-0.01
27) Chrysene-d12	21.26	240	37576	0.40	ng		-0.01
34) Perylene-d12	23.47	264	46284	0.40	ng		-0.02
System Monitoring Compounds							
4) 2-Fluorophenol	5.31	112	6481	0.20	ng		0.00
5) Phenol-d6	6.86	99	8658	0.21	ng		0.00
8) Nitrobenzene-d5	8.83	82	7607	0.24	ng		0.00
11) 2-Methylnaphthalene-d10	12.05	152	14204	0.23	ng		-0.01
14) 2,4,6-Tribromophenol	15.81	330	1882	0.17	ng		-0.01
15) 2-Fluorobiphenyl	12.93	172	19397	0.23	ng		-0.01
25) Fluoranthene-d10	19.09	212	28302	0.22	ng		-0.01
29) Terphenyl-d14	19.70	244	22526	0.24	ng		-0.01
Target Compounds							Qvalue
3) n-Nitrosodimethylamine	3.00	42	9553	2.016	ng	#	75
16) Acenaphthylene	14.03	152	7344	0.067	ng		99
23) Phenanthrene	17.10	178	39960	0.330	ng		100
24) Anthracene	17.19	178	4962	0.045	ng		97
26) Fluoranthene	19.12	202	77793	0.516	ng		99
28) Pyrene	19.49	202	68053	0.531	ng		97
30) Benzo(a)anthracene	21.24	228	32757	0.237	ng		94
31) Chrysene	21.29	228	41904	0.311	ng		98
32) Bis(2-ethylhexyl)phthalate	21.19	149	13280	0.187	ng		99
33) Indeno(1,2,3-cd)pyrene	25.68	276	30511	0.181	ng		96
35) Benzo(b)fluoranthene	22.82	252	58450	0.364	ng	#	93
36) Benzo(k)fluoranthene	22.82	252	58450	0.368	ng	#	93
37) Benzo(a)pyrene	23.38	252	37403	0.248	ng	#	92
38) Dibenzo(a,h)anthracene	25.69	278	7424	0.048	ng	#	70
39) Benzo(g,h,i)perylene	26.36	276	30246	0.198	ng		95

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

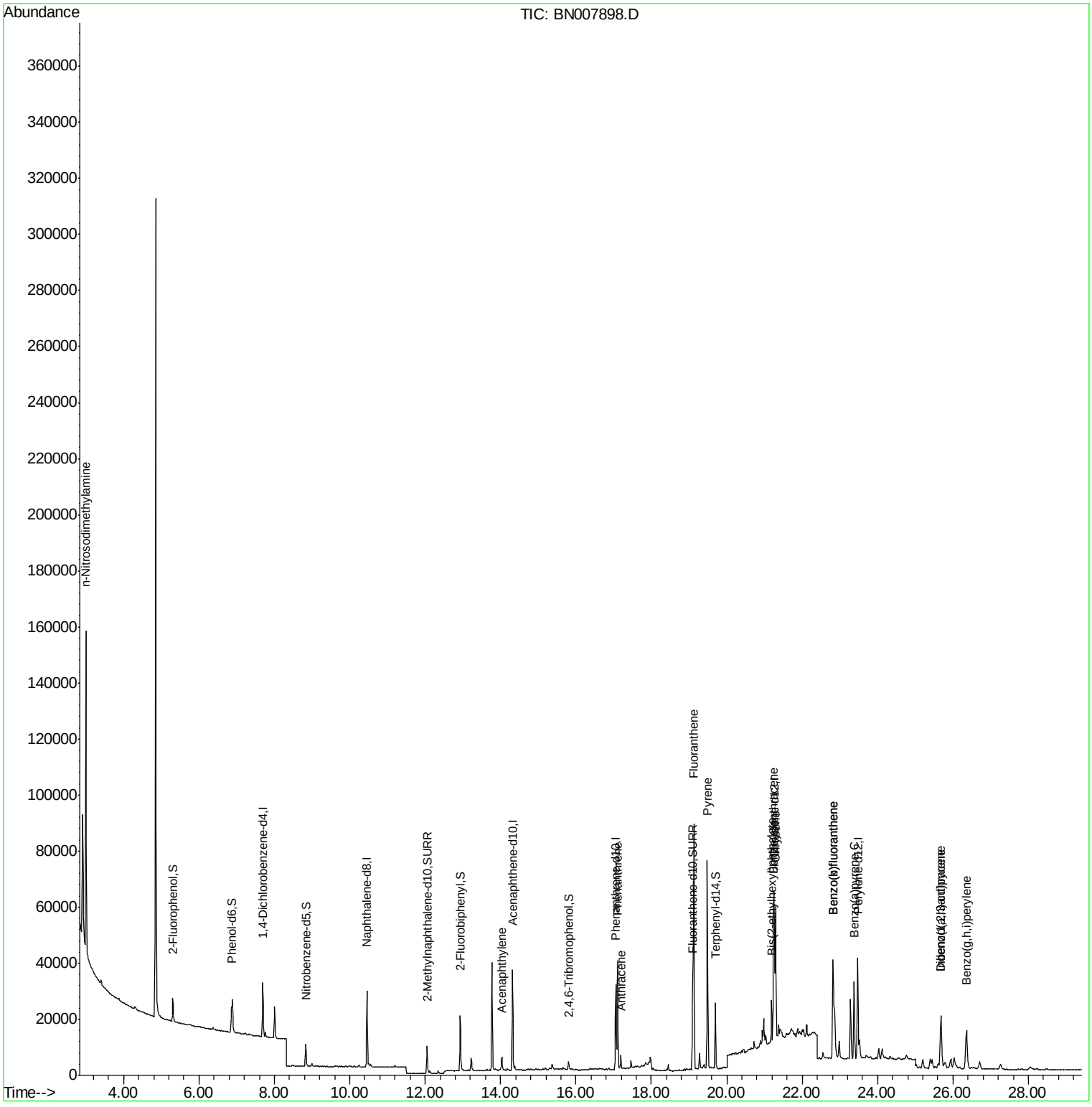
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN093019\

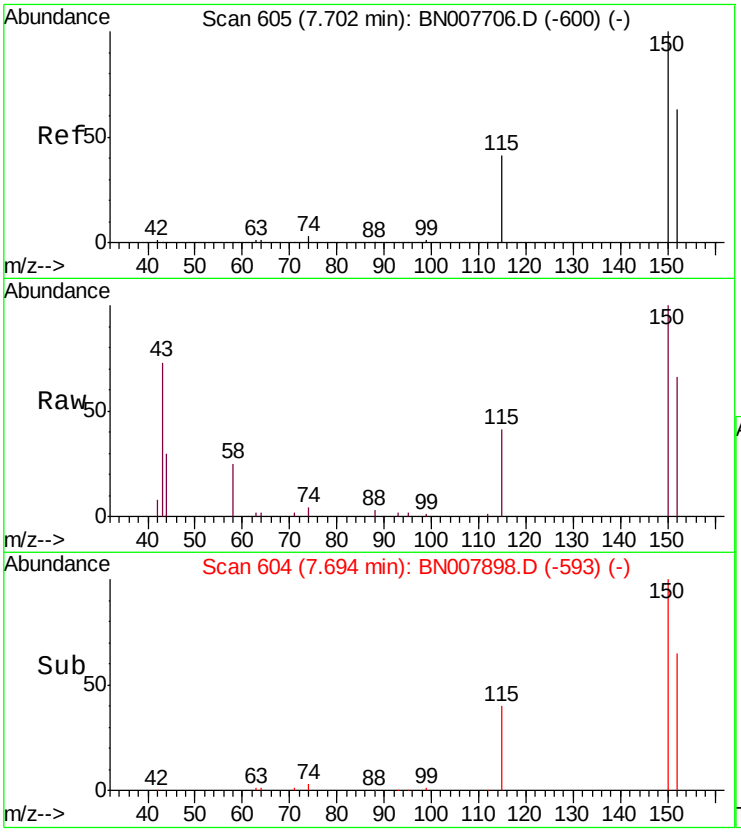
Quantitation Report (Not Reviewed)

Data File : BN007898.D
Acq On : 30 Sep 2019 15:54
Operator : JU
Sample : K5077-23
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PST-024-SW138-092519

Quant Time: Oct 01 06:48:59 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



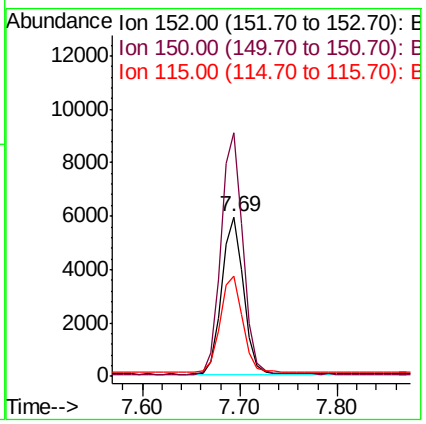


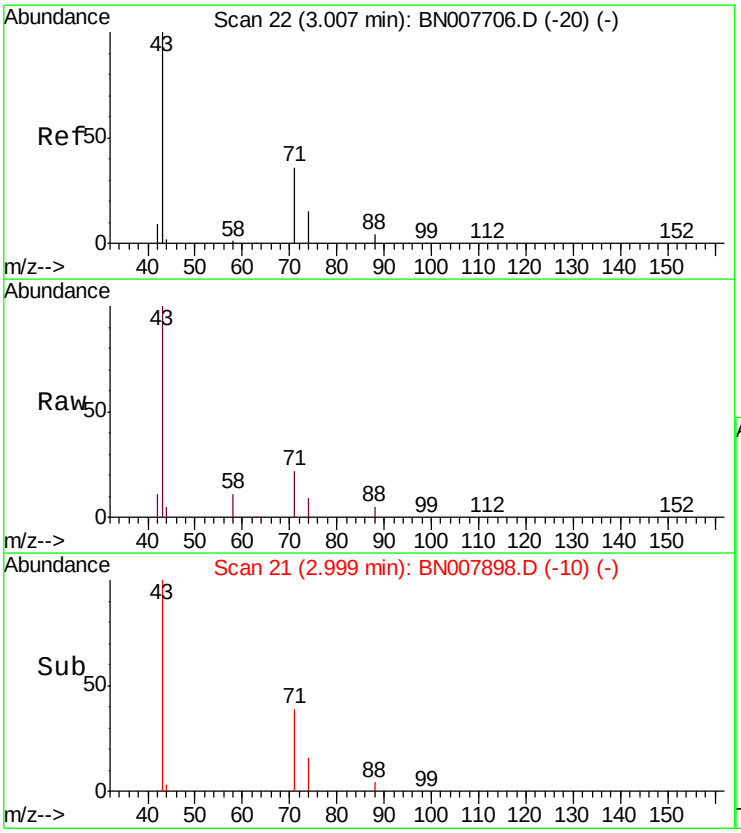
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.69 min Scan# 604
Delta R.T. -0.01 min
Lab File: BN007898.D
Acq: 30 Sep 2019 15:54

Instrument :
BNA_N
ClientSampleId :
PST-024-SW138-092519

Tgt Ion:152 Resp: 9282

Ion	Ratio	Lower	Upper
152	100		
150	152.6	125.6	188.4
115	62.5	53.3	79.9

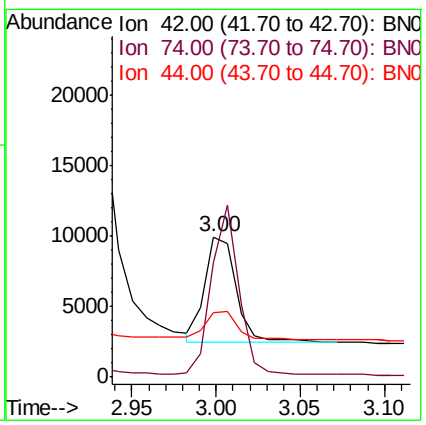


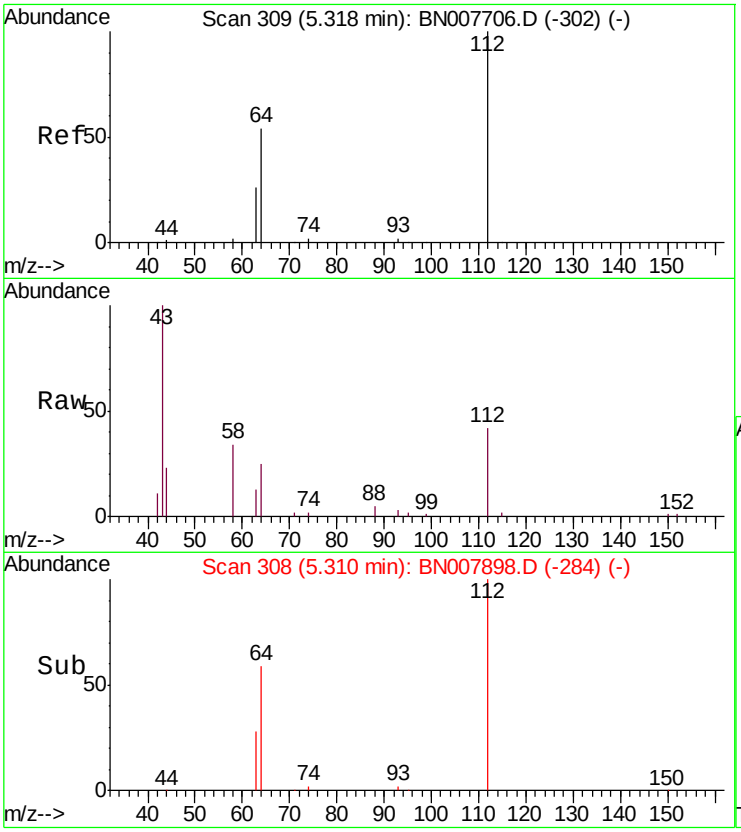


#3
n-Nitrosodimethylamine
Concen: 2.016 ng
RT: 3.00 min Scan# 21
Delta R.T. -0.01 min
Lab File: BN007898.D
Acq: 30 Sep 2019 15:54

Tgt Ion: 42 Resp: 9553

Ion	Ratio	Lower	Upper
42	100		
74	140.8	87.9	131.9#
44	30.0	29.4	44.0



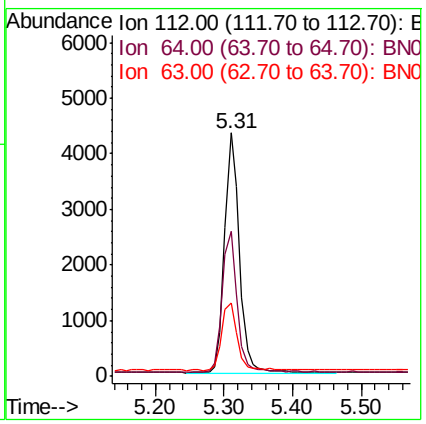


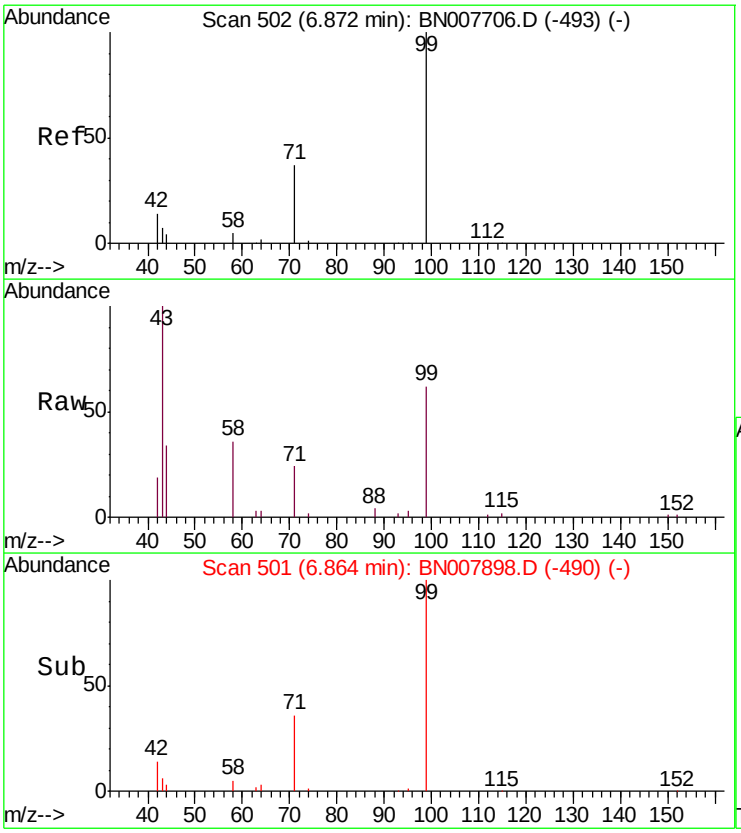
#4
2-Fluorophenol
Concen: 0.203 ng
RT: 5.31 min Scan# 308
Delta R.T. -0.01 min
Lab File: BN007898.D
Acq: 30 Sep 2019 15:54

Instrument :
BNA_N
ClientSampleId :
PST-024-SW138-092519

Tgt Ion:112 Resp: 6481

Ion	Ratio	Lower	Upper
112	100		
64	58.5	46.6	70.0
63	29.2	23.1	34.7

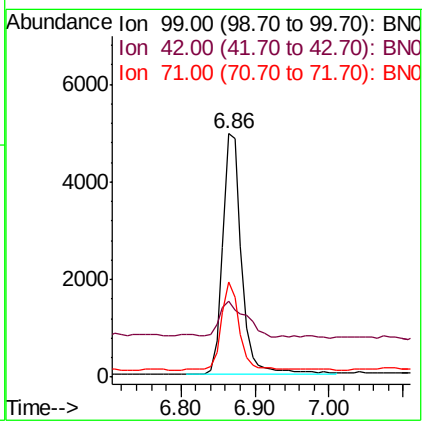


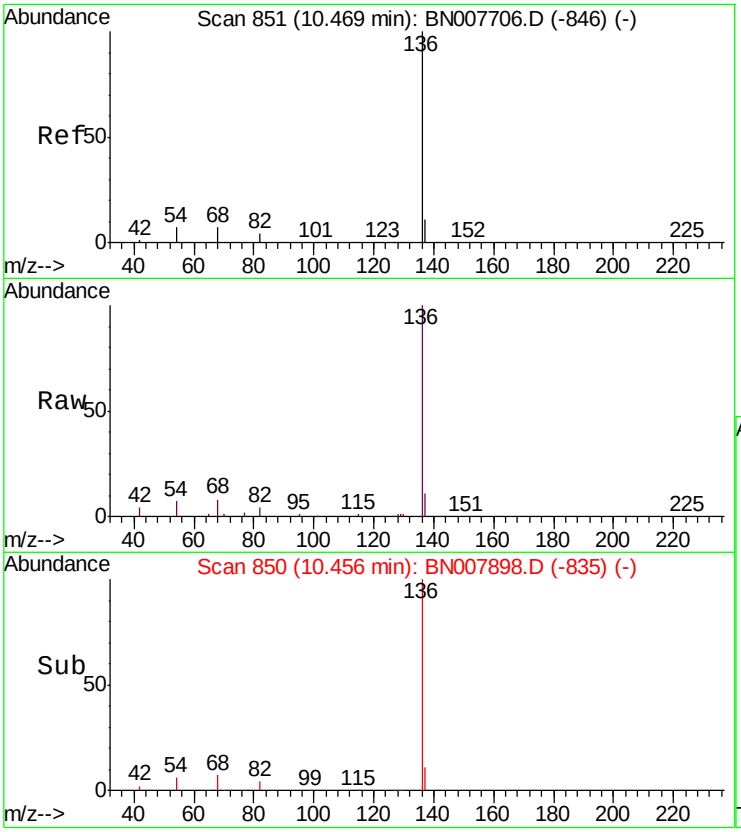


#5
Phenol-d6
Concen: 0.214 ng
RT: 6.86 min Scan# 501
Delta R.T. -0.01 min
Lab File: BN007898.D
Acq: 30 Sep 2019 15:54

Tgt Ion: 99 Resp: 8658

Ion	Ratio	Lower	Upper
99	100		
42	20.1	12.8	19.2#
71	34.0	27.6	41.4



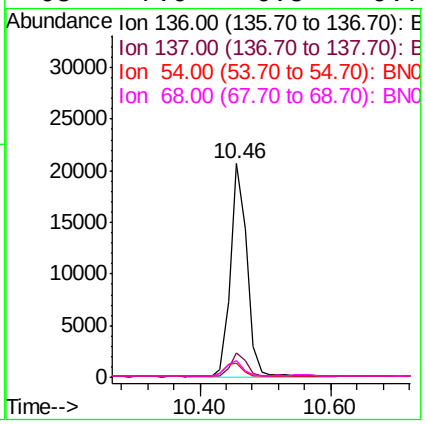


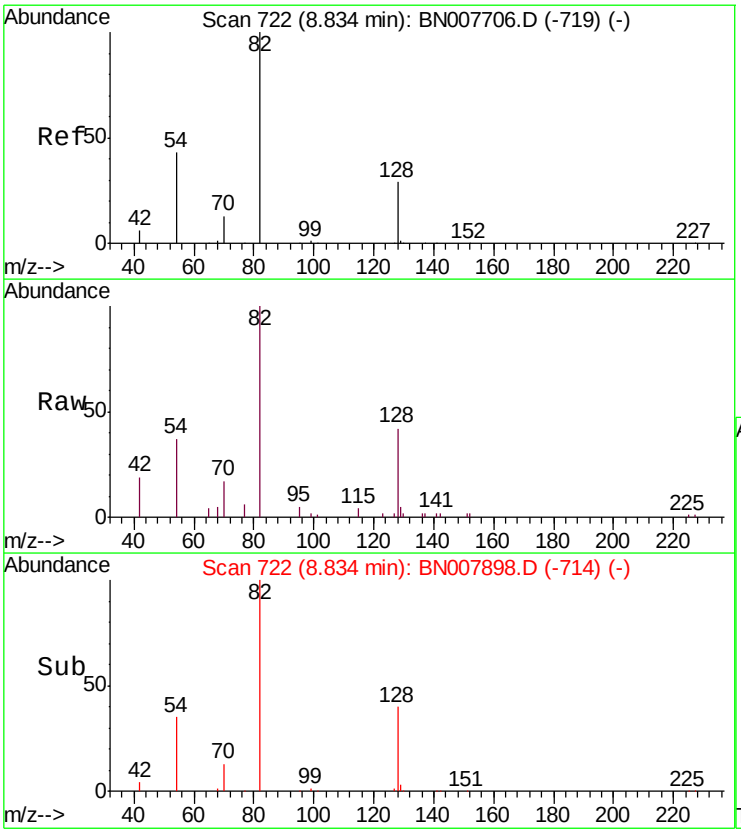
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.46 min Scan# 850
Delta R.T. -0.01 min
Lab File: BN007898.D
Acq: 30 Sep 2019 15:54

Instrument :
BNA_N
ClientSampleId :
PST-024-SW138-092519

Tgt Ion:136 Resp: 36061

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.2	13.8
54	6.9	5.8	8.8
68	7.9	6.5	9.7

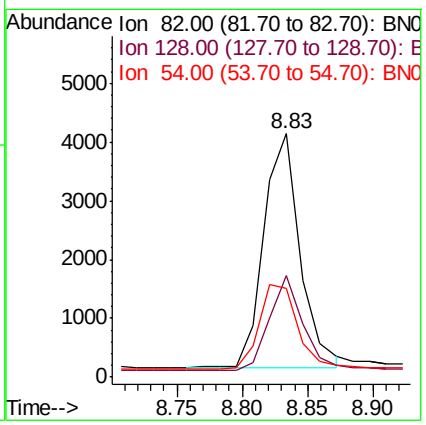


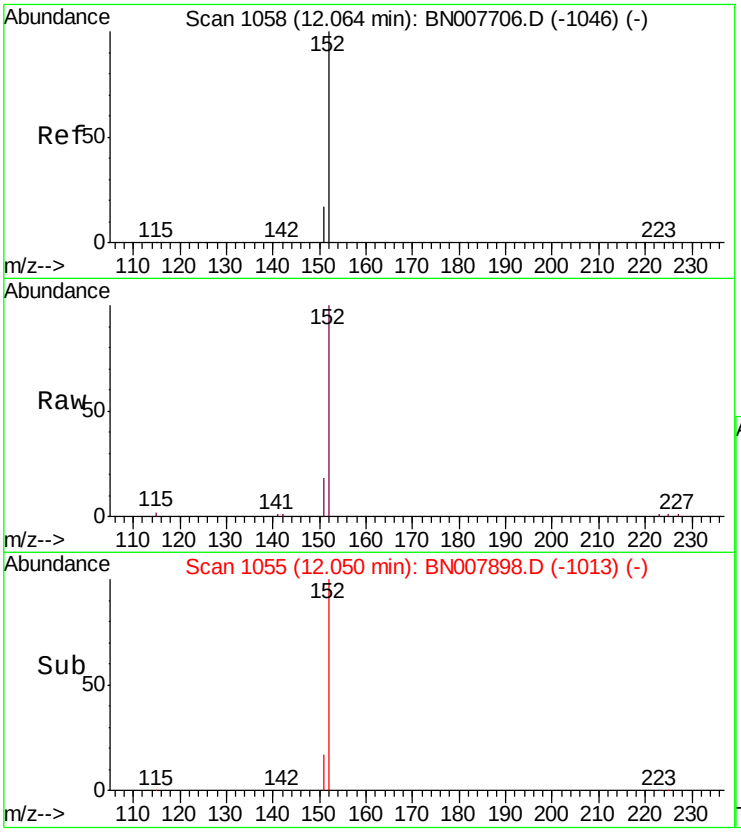


#8
Nitrobenzene-d5
Concen: 0.241 ng
RT: 8.83 min Scan# 722
Delta R.T. -0.00 min
Lab File: BN007898.D
Acq: 30 Sep 2019 15:54

Tgt Ion: 82 Resp: 7607

Ion	Ratio	Lower	Upper
82	100		
128	41.6	24.5	36.7#
54	36.7	35.2	52.8



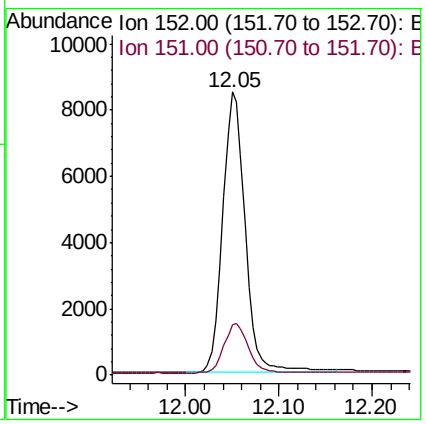


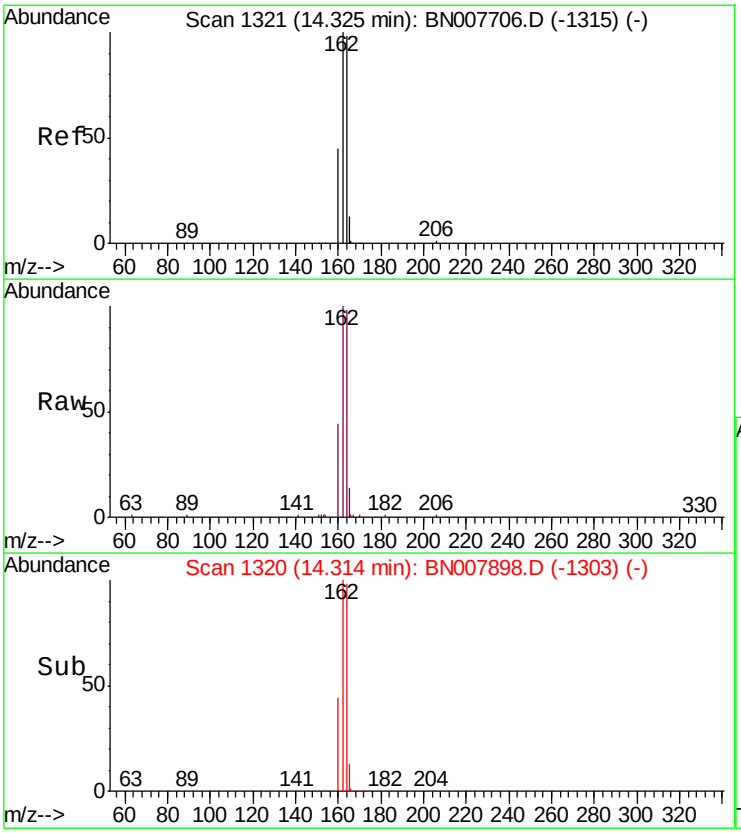
#11
2-Methylnaphthalene-d10
Concen: 0.234 ng
RT: 12.05 min Scan# 1055
Delta R.T. -0.01 min
Lab File: BN007898.D
Acq: 30 Sep 2019 15:54

Instrument :
BNA_N
ClientSampleId :
PST-024-SW138-092519

Tgt Ion:152 Resp: 14204

Ion	Ratio	Lower	Upper
152	100		
151	19.2	15.4	23.2

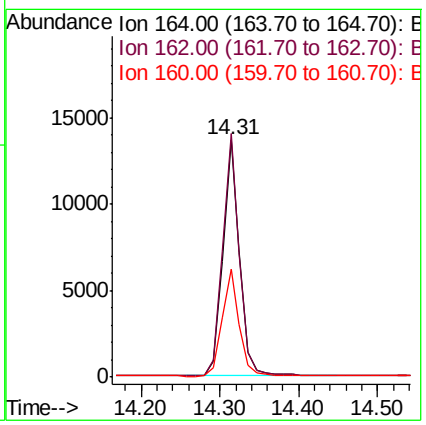


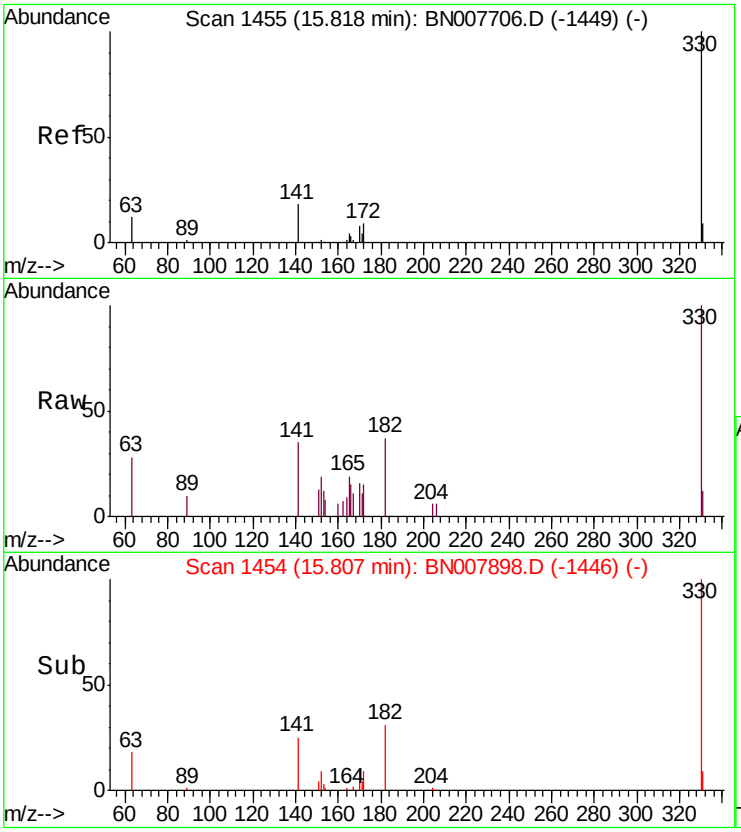


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.31 min Scan# 1320
Delta R.T. -0.01 min
Lab File: BN007898.D
Acq: 30 Sep 2019 15:54

Tgt Ion:164 Resp: 20534

Ion	Ratio	Lower	Upper
164	100		
162	102.4	81.7	122.5
160	45.4	37.0	55.4



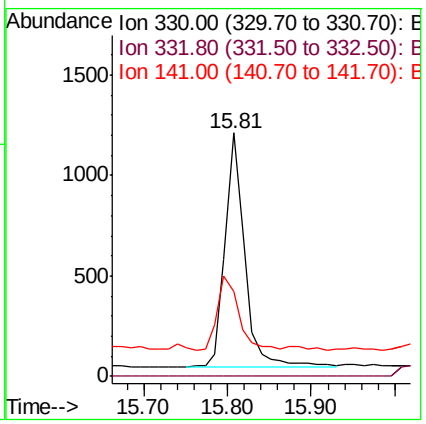


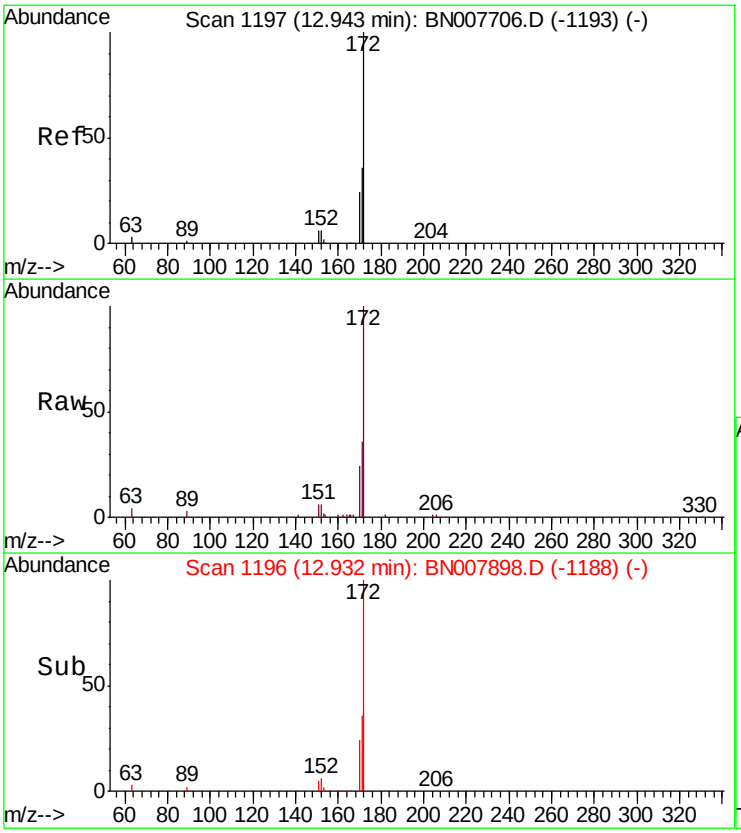
#14
2,4,6-Tribromophenol
Concen: 0.168 ng
RT: 15.81 min Scan# 1454
Delta R.T. -0.01 min
Lab File: BN007898.D
Acq: 30 Sep 2019 15:54

Instrument :
BNA_N
ClientSampleId :
PST-024-SW138-092519

Tgt Ion:330 Resp: 1882

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	35.8	28.7	43.1

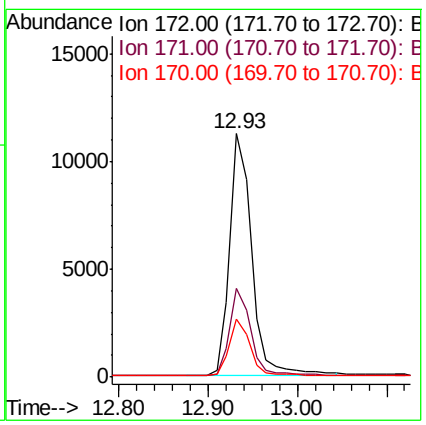


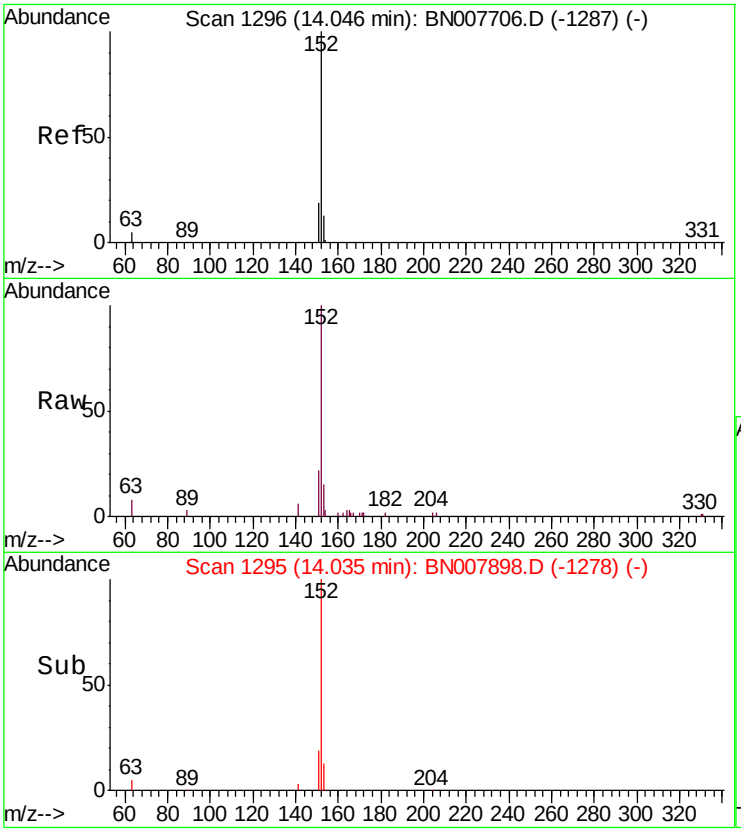


#15
2-Fluorobiphenyl
Concen: 0.229 ng
RT: 12.93 min Scan# 1196
Delta R.T. -0.01 min
Lab File: BN007898.D
Acq: 30 Sep 2019 15:54

Tgt Ion:172 Resp: 19397

Ion	Ratio	Lower	Upper
172	100		
171	36.2	28.8	43.2
170	24.0	19.5	29.3



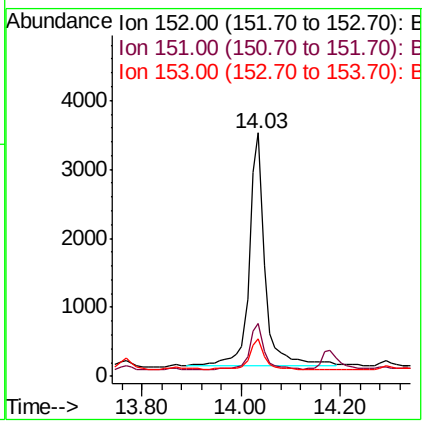


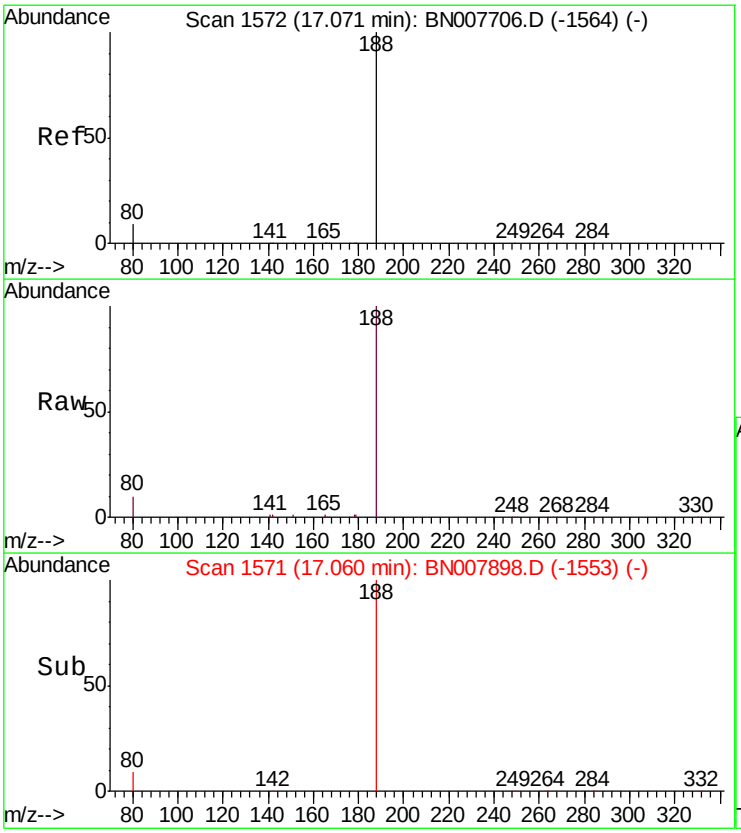
#16
Acenaphthylene
Concen: 0.067 ng
RT: 14.03 min Scan# 1295
Delta R.T. -0.01 min
Lab File: BN007898.D
Acq: 30 Sep 2019 15:54

Instrument :
BNA_N
ClientSampleId :
PST-024-SW138-092519

Tgt Ion:152 Resp: 7344

Ion	Ratio	Lower	Upper
152	100		
151	19.1	15.5	23.3
153	12.2	10.4	15.6

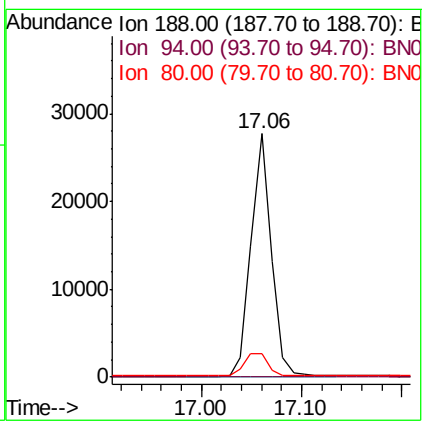


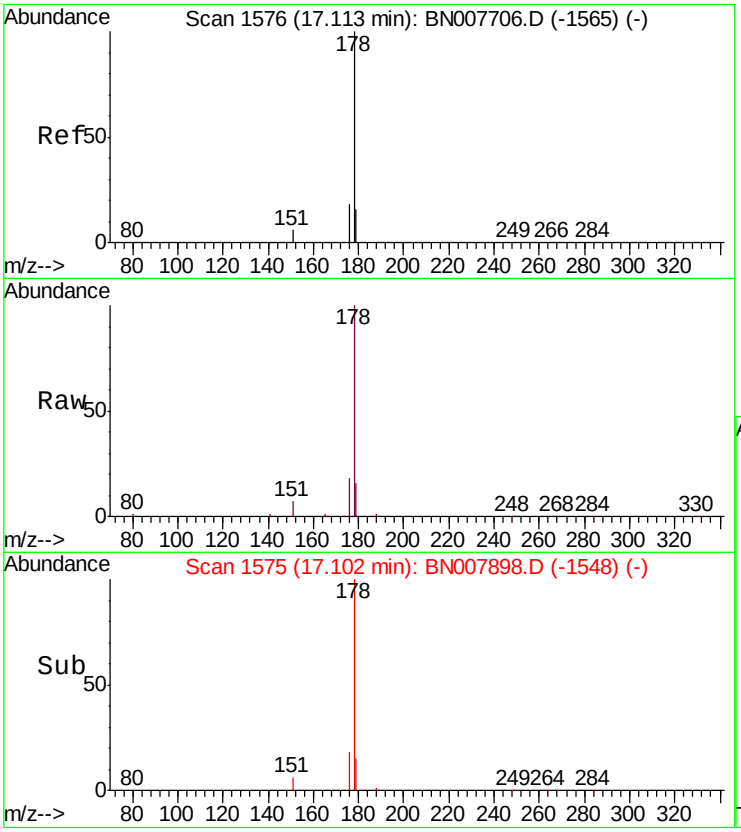


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.06 min Scan# 1571
Delta R.T. -0.01 min
Lab File: BN007898.D
Acq: 30 Sep 2019 15:54

Tgt Ion:188 Resp: 38924

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	9.7	7.4	11.2



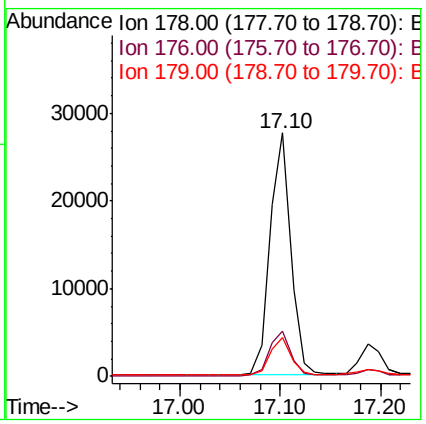


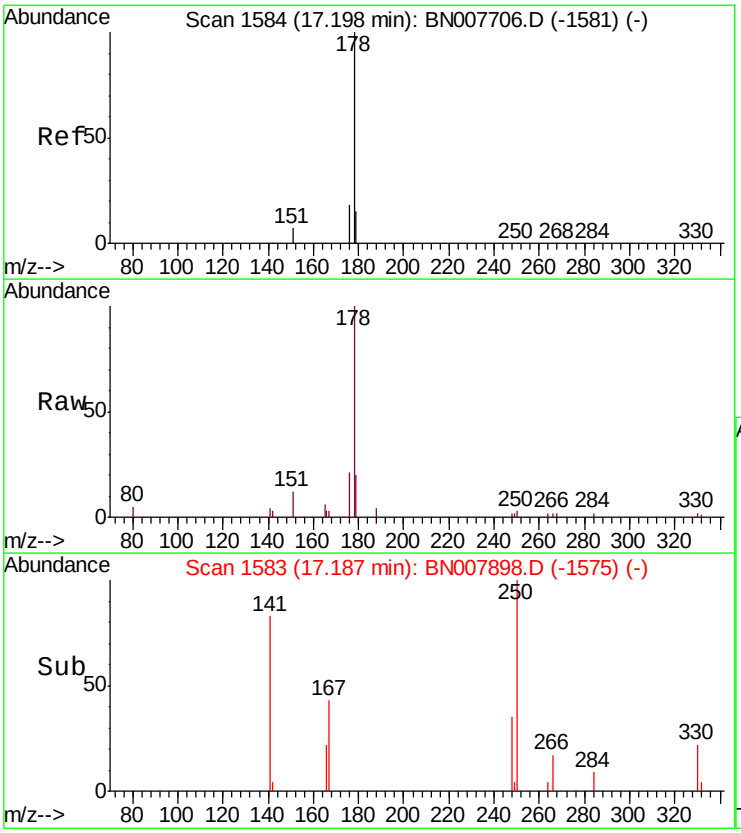
#23
Phenanthrene
Concen: 0.330 ng
RT: 17.10 min Scan# 1575
Delta R.T. -0.01 min
Lab File: BN007898.D
Acq: 30 Sep 2019 15:54

Instrument :
BNA_N
ClientSampleId :
PST-024-SW138-092519

Tgt Ion:178 Resp: 39960

Ion	Ratio	Lower	Upper
178	100		
176	18.6	14.9	22.3
179	15.6	12.5	18.7

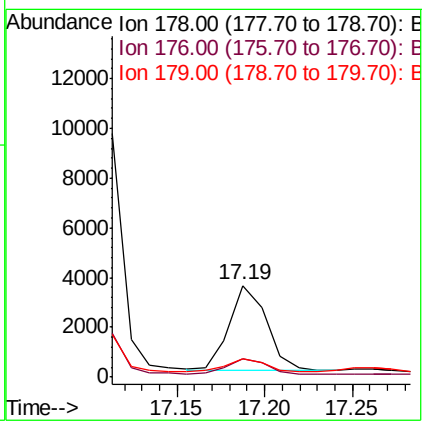


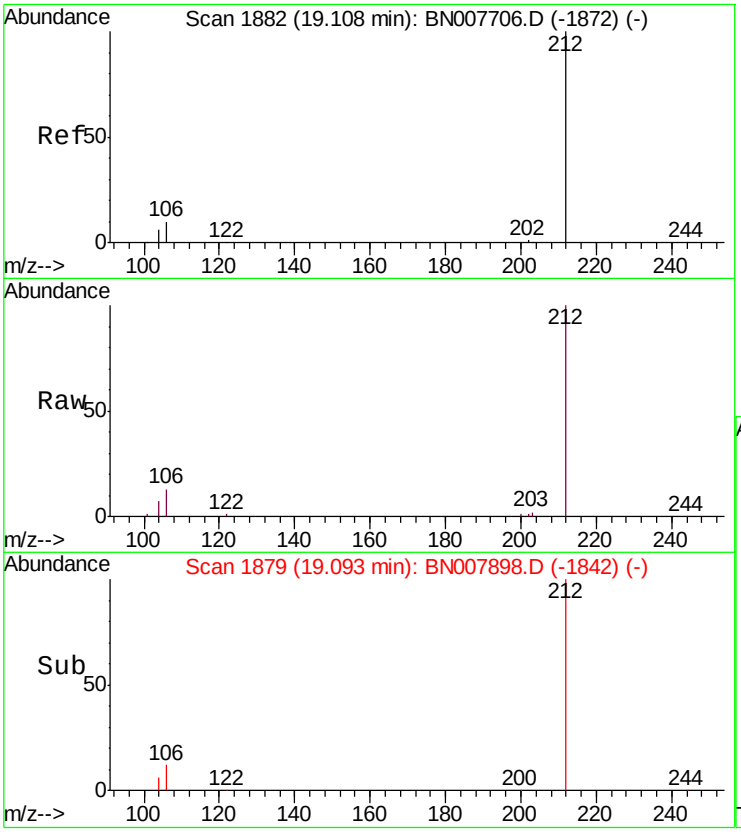


#24
Anthracene
Concen: 0.045 ng
RT: 17.19 min Scan# 1583
Delta R.T. -0.01 min
Lab File: BN007898.D
Acq: 30 Sep 2019 15:54

Tgt Ion:178 Resp: 4962

Ion	Ratio	Lower	Upper
178	100		
176	19.1	14.6	21.8
179	16.8	12.2	18.4



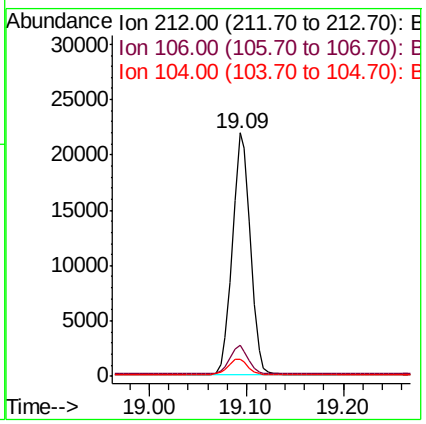


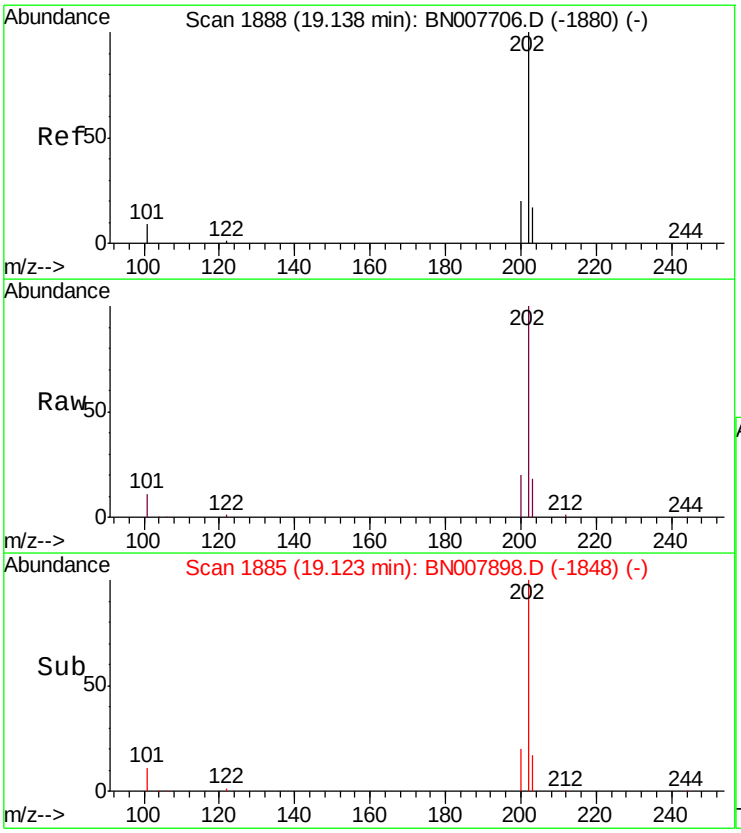
#25
Fluoranthene-d10
Concen: 0.216 ng
RT: 19.09 min Scan# 1879
Delta R.T. -0.01 min
Lab File: BN007898.D
Acq: 30 Sep 2019 15:54

Instrument :
BNA_N
ClientSampleId :
PST-024-SW138-092519

Tgt Ion:212 Resp: 28302

Ion	Ratio	Lower	Upper
212	100		
106	11.8	9.4	14.0
104	6.7	5.3	7.9

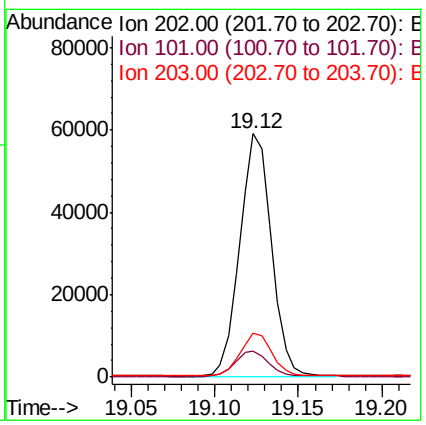


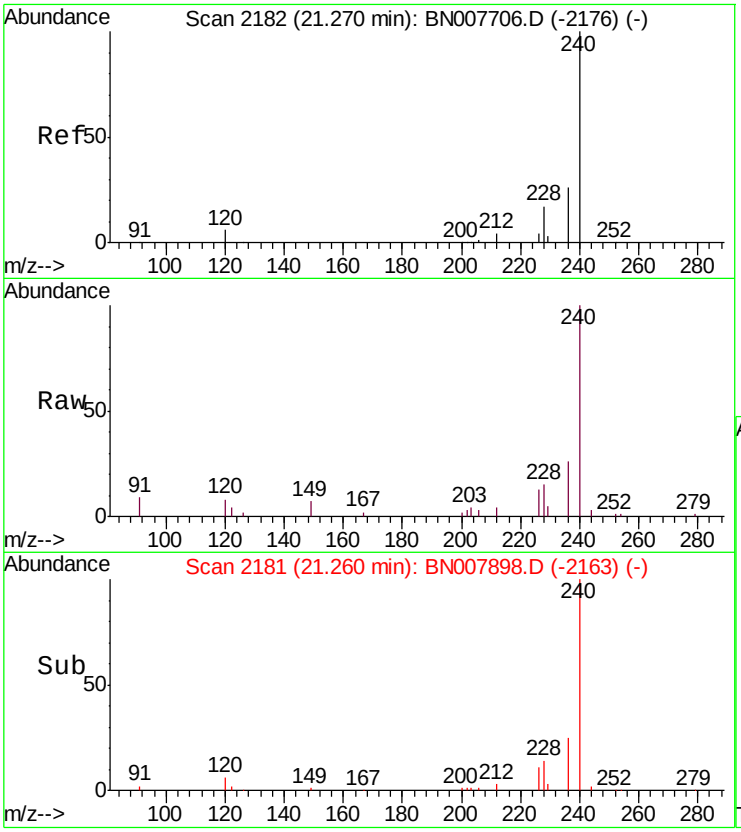


#26
Fluoranthene
Concen: 0.516 ng
RT: 19.12 min Scan# 1885
Delta R.T. -0.02 min
Lab File: BN007898.D
Acq: 30 Sep 2019 15:54

Tgt Ion:202 Resp: 77793

Ion	Ratio	Lower	Upper
202	100		
101	11.2	8.4	12.6
203	17.6	13.8	20.8



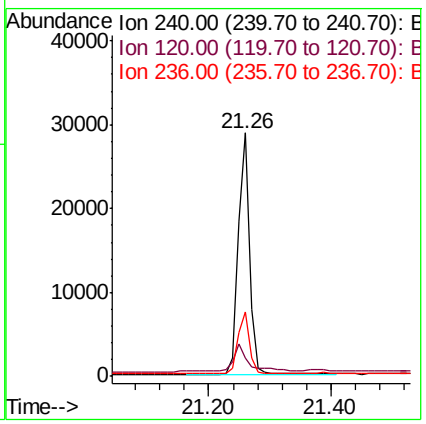


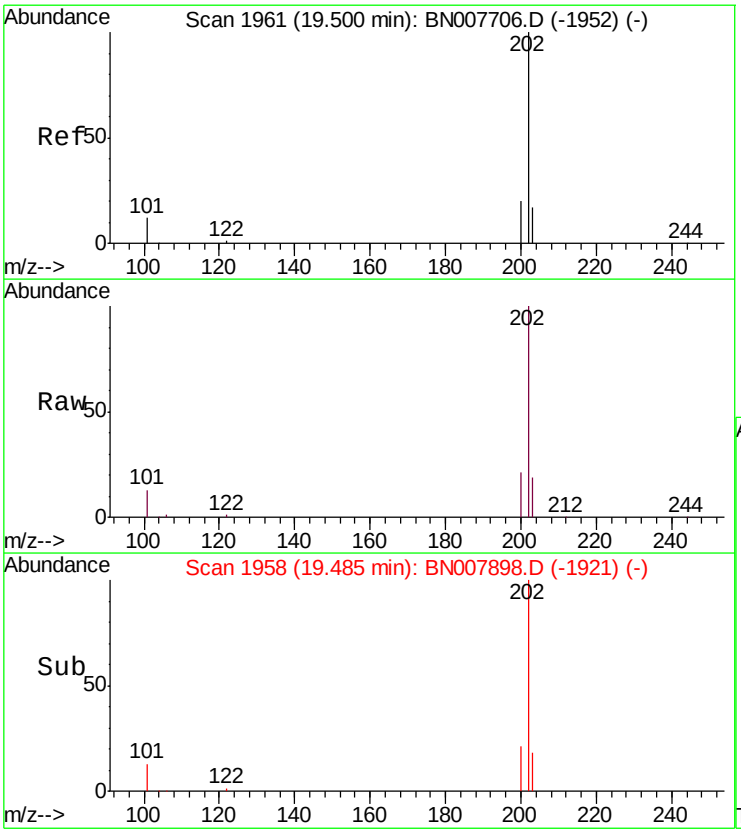
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.26 min Scan# 2181
Delta R.T. -0.01 min
Lab File: BN007898.D
Acq: 30 Sep 2019 15:54

Instrument :
BNA_N
ClientSampleId :
PST-024-SW138-092519

Tgt Ion:240 Resp: 37576

Ion	Ratio	Lower	Upper
240	100		
120	7.7	5.4	8.2
236	26.3	21.0	31.4

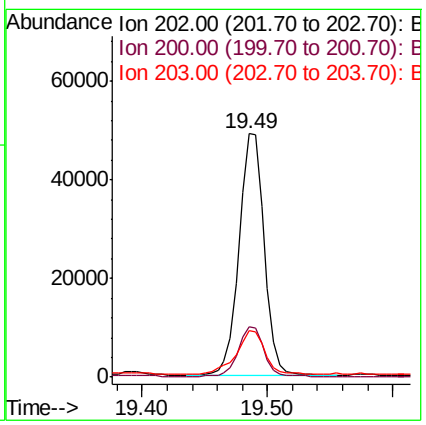


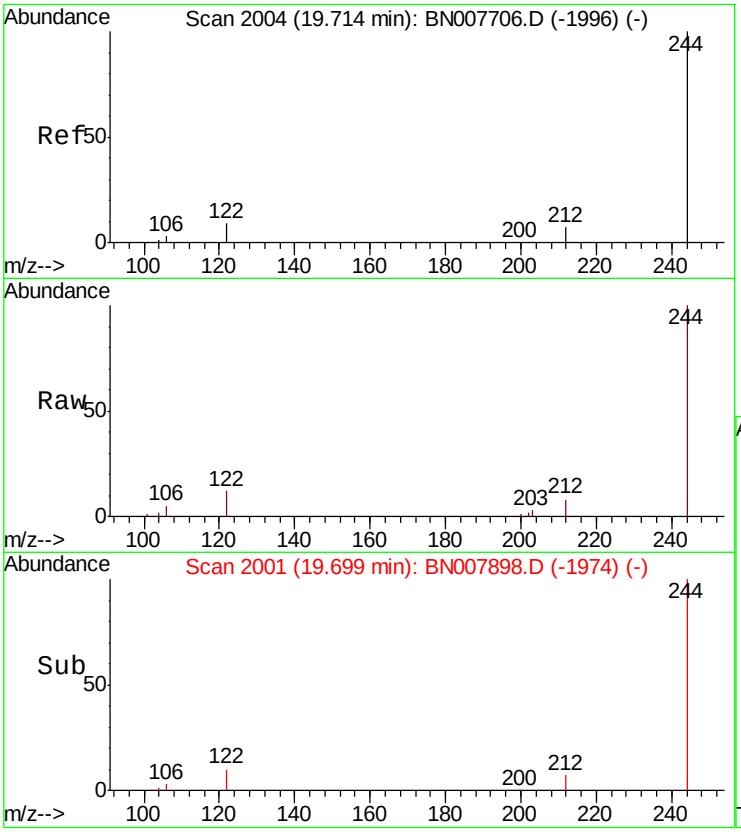


#28
Pyrene
Concen: 0.531 ng
RT: 19.49 min Scan# 1958
Delta R.T. -0.02 min
Lab File: BN007898.D
Acq: 30 Sep 2019 15:54

Tgt Ion:202 Resp: 68053

Ion	Ratio	Lower	Upper
202	100		
200	20.5	16.4	24.6
203	20.4	14.1	21.1



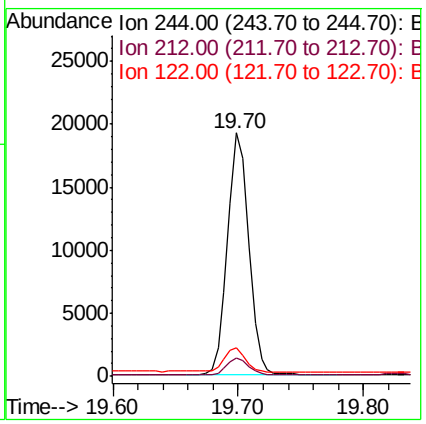


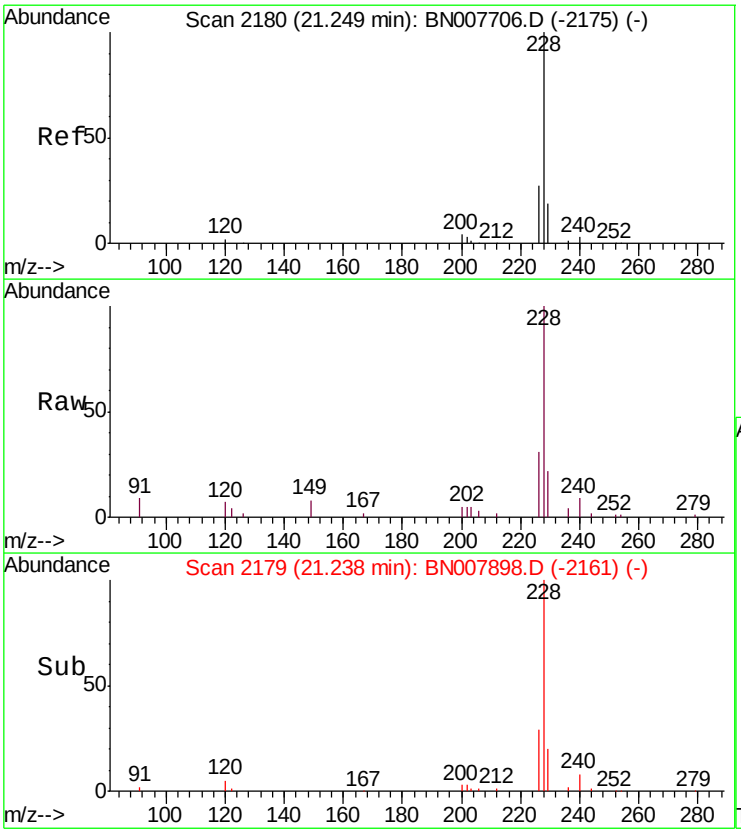
#29
Terphenyl-d14
Concen: 0.244 ng
RT: 19.70 min Scan# 2001
Delta R.T. -0.01 min
Lab File: BN007898.D
Acq: 30 Sep 2019 15:54

Instrument :
BNA_N
ClientSampleId :
PST-024-SW138-092519

Tgt Ion:244 Resp: 22526

Ion	Ratio	Lower	Upper
244	100		
212	7.6	5.9	8.9
122	11.7	7.4	11.2#

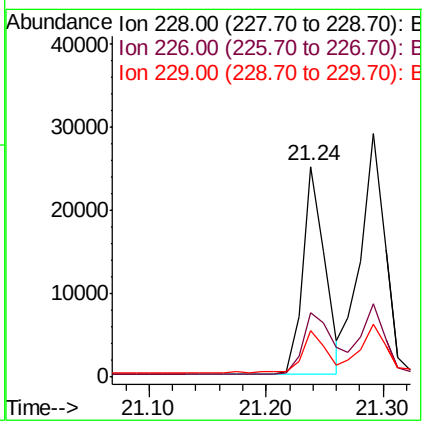


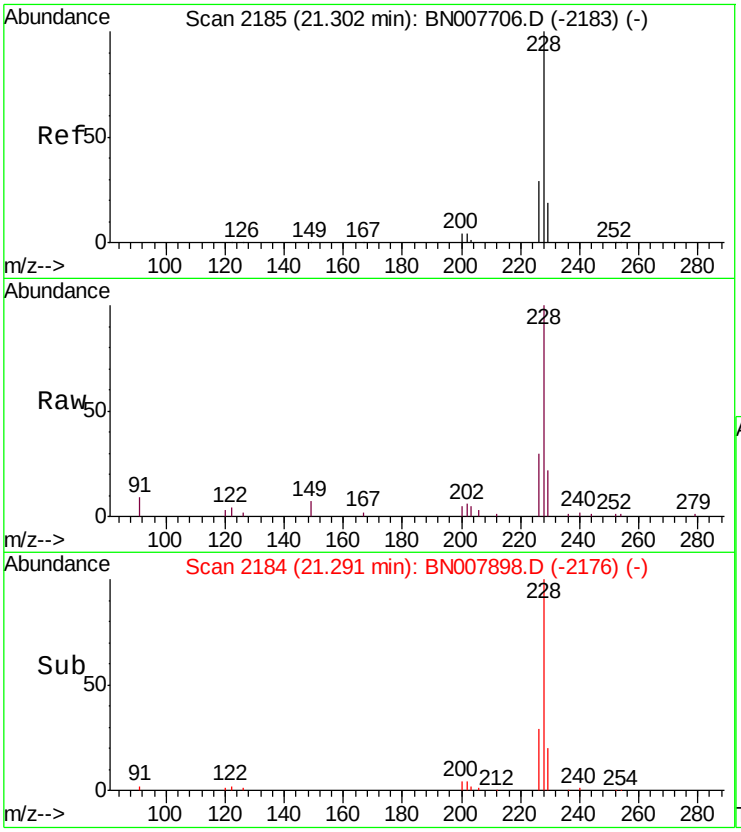


#30
Benzo(a)anthracene
Concen: 0.237 ng
RT: 21.24 min Scan# 2179
Delta R.T. -0.01 min
Lab File: BN007898.D
Acq: 30 Sep 2019 15:54

Tgt Ion:228 Resp: 32757

Ion	Ratio	Lower	Upper
228	100		
226	30.8	22.1	33.1
229	21.8	15.8	23.6



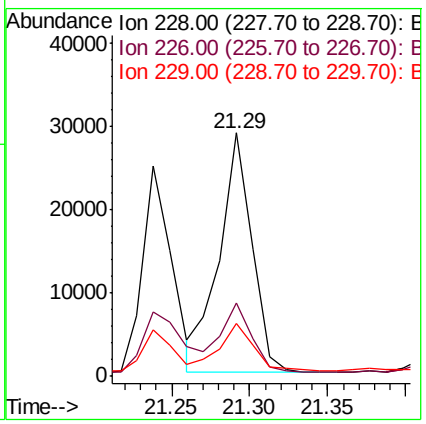


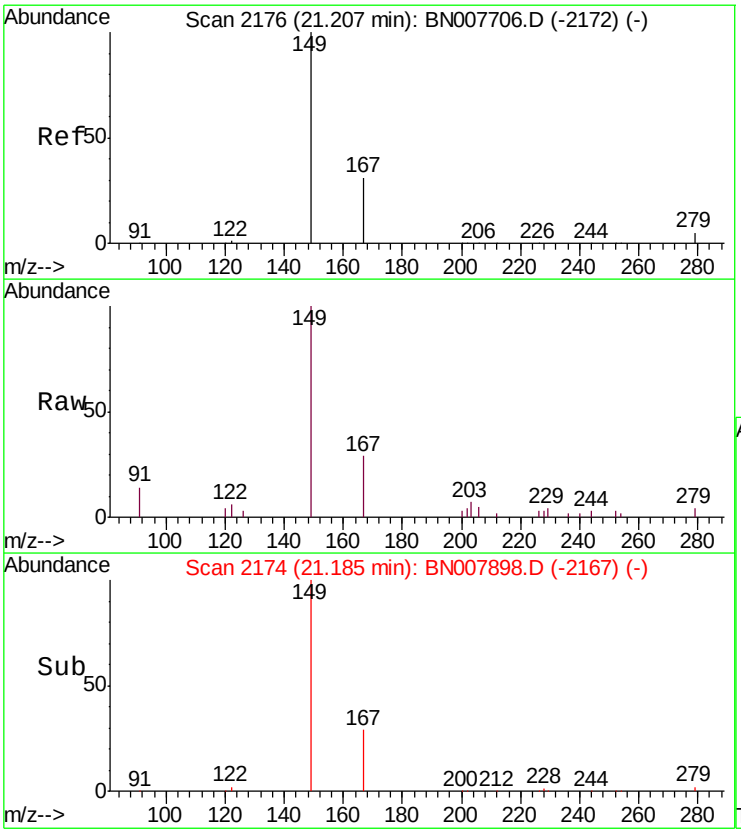
#31
Chrysene
Concen: 0.311 ng
RT: 21.29 min Scan# 2184
Delta R.T. -0.01 min
Lab File: BN007898.D
Acq: 30 Sep 2019 15:54

Instrument :
BNA_N
ClientSampleId :
PST-024-SW138-092519

Tgt Ion:228 Resp: 41904

Ion	Ratio	Lower	Upper
228	100		
226	30.3	23.9	35.9
229	21.7	15.8	23.6

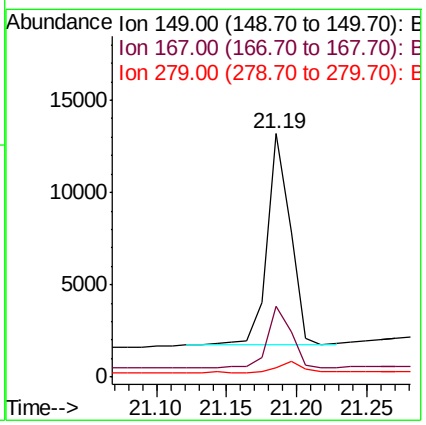


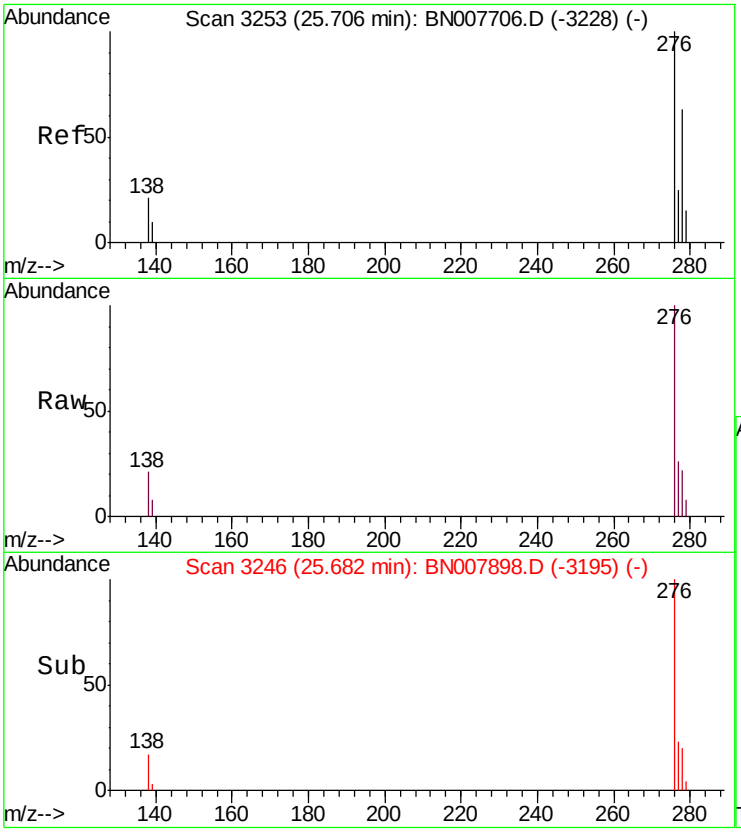


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.187 ng
RT: 21.19 min Scan# 2174
Delta R.T. -0.02 min
Lab File: BN007898.D
Acq: 30 Sep 2019 15:54

Tgt Ion:149 Resp: 13280

Ion	Ratio	Lower	Upper
149	100		
167	30.1	23.7	35.5
279	6.1	4.2	6.2



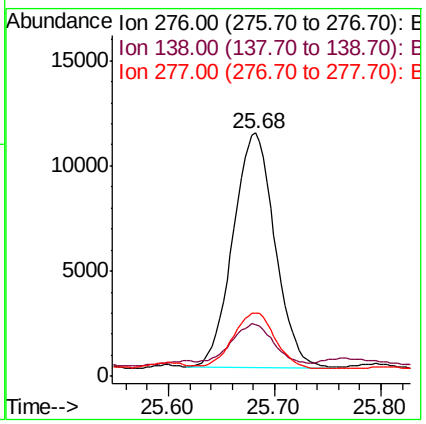


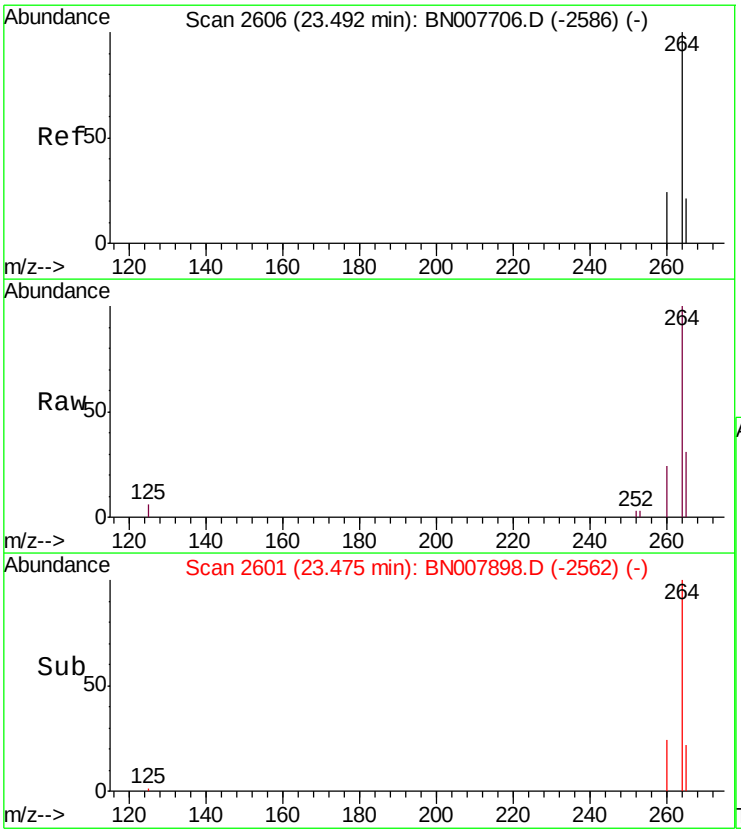
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.181 ng
RT: 25.68 min Scan# 3246
Delta R.T. -0.02 min
Lab File: BN007898.D
Acq: 30 Sep 2019 15:54

Instrument :
BNA_N
ClientSampleId :
PST-024-SW138-092519

Tgt Ion:276 Resp: 30511

Ion	Ratio	Lower	Upper
276	100		
138	18.5	17.1	25.7
277	24.2	20.0	30.0

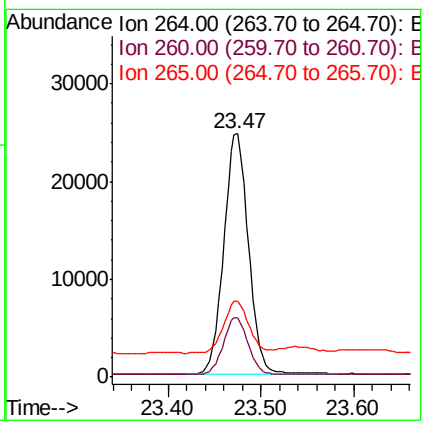


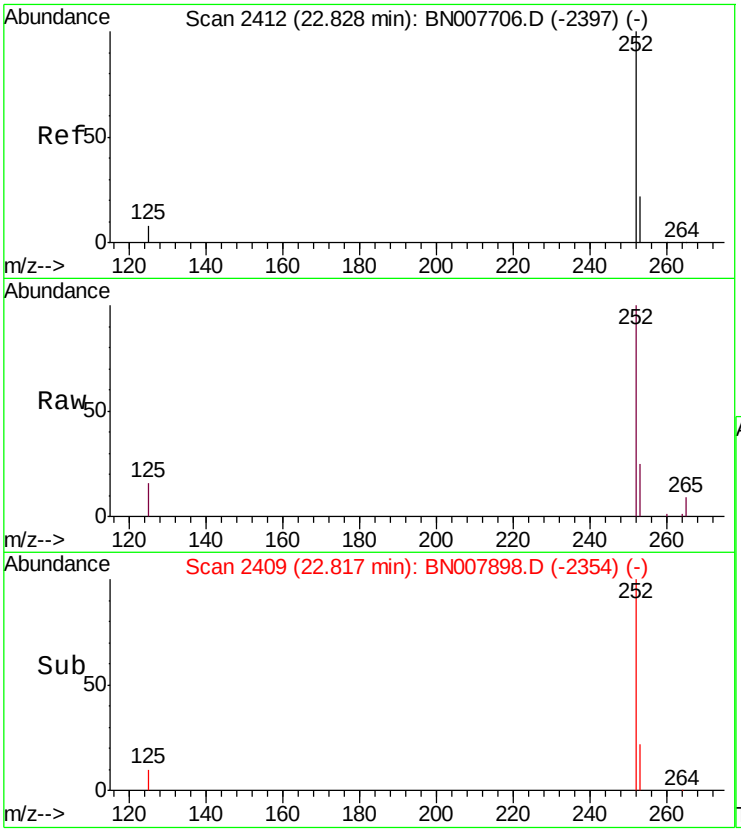


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.47 min Scan# 2601
Delta R.T. -0.02 min
Lab File: BN007898.D
Acq: 30 Sep 2019 15:54

Tgt Ion:264 Resp: 46284

Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.3	28.9
265	31.3	26.9	40.3



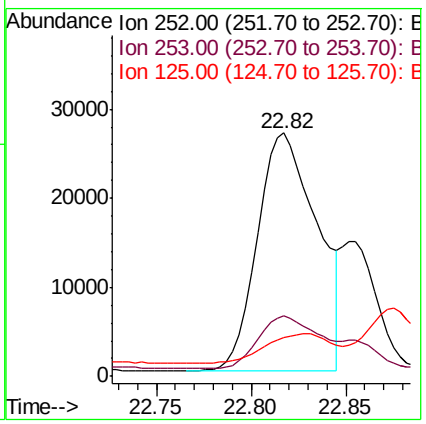


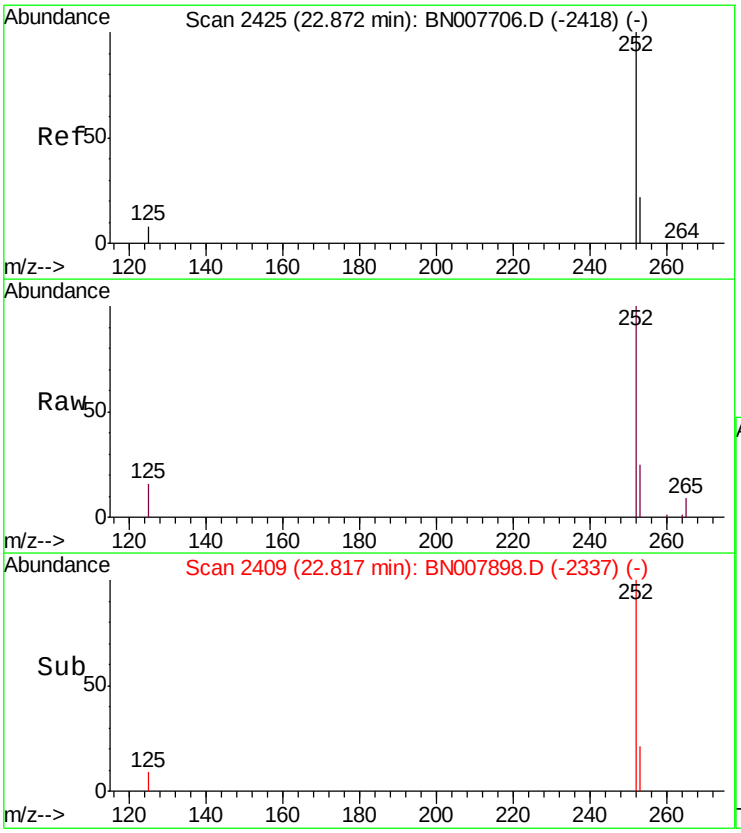
#35
Benzo(b)fluoranthene
Concen: 0.364 ng
RT: 22.82 min Scan# 2409
Delta R.T. -0.01 min
Lab File: BN007898.D
Acq: 30 Sep 2019 15:54

Instrument :
BNA_N
ClientSampleId :
PST-024-SW138-092519

Tgt Ion:252 Resp: 58450

Ion	Ratio	Lower	Upper
252	100		
253	24.8	18.3	27.5
125	16.0	8.2	12.4#

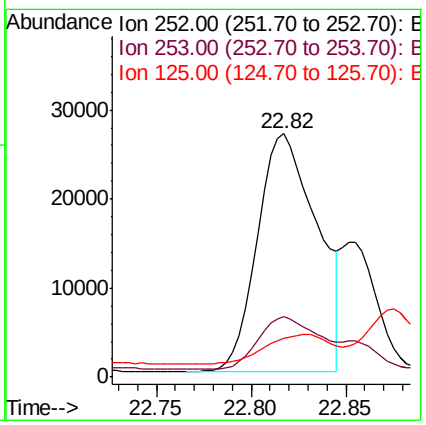


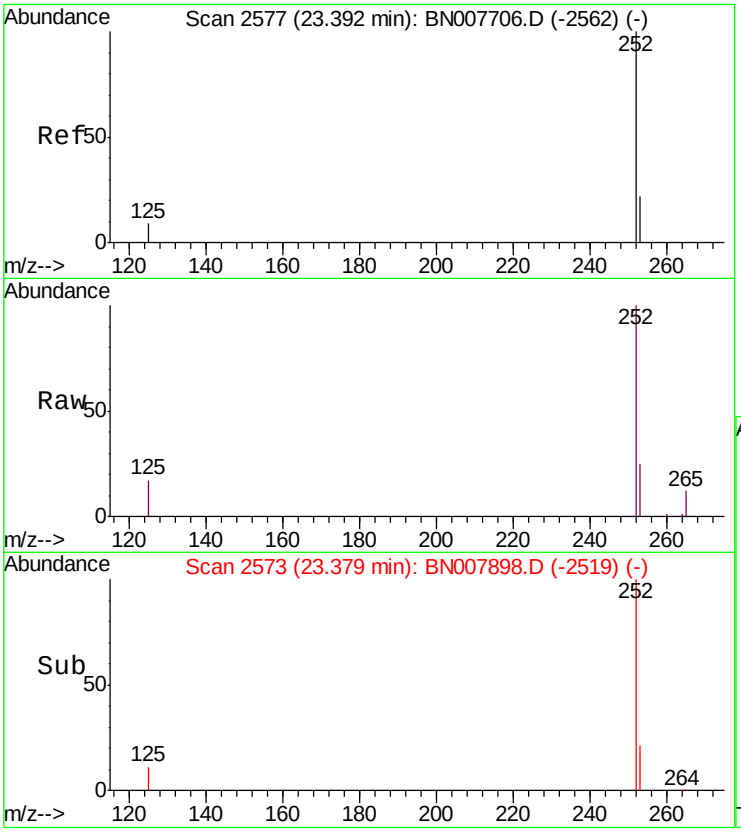


#36
Benzo(k)fluoranthene
Concen: 0.368 ng
RT: 22.82 min Scan# 2409
Delta R.T. -0.05 min
Lab File: BN007898.D
Acq: 30 Sep 2019 15:54

Tgt Ion:252 Resp: 58450

Ion	Ratio	Lower	Upper
252	100		
253	24.8	18.5	27.7
125	16.0	8.4	12.6#



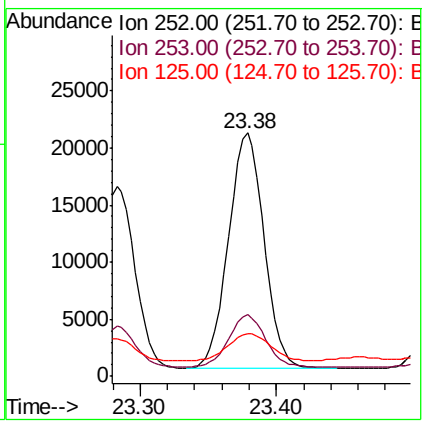


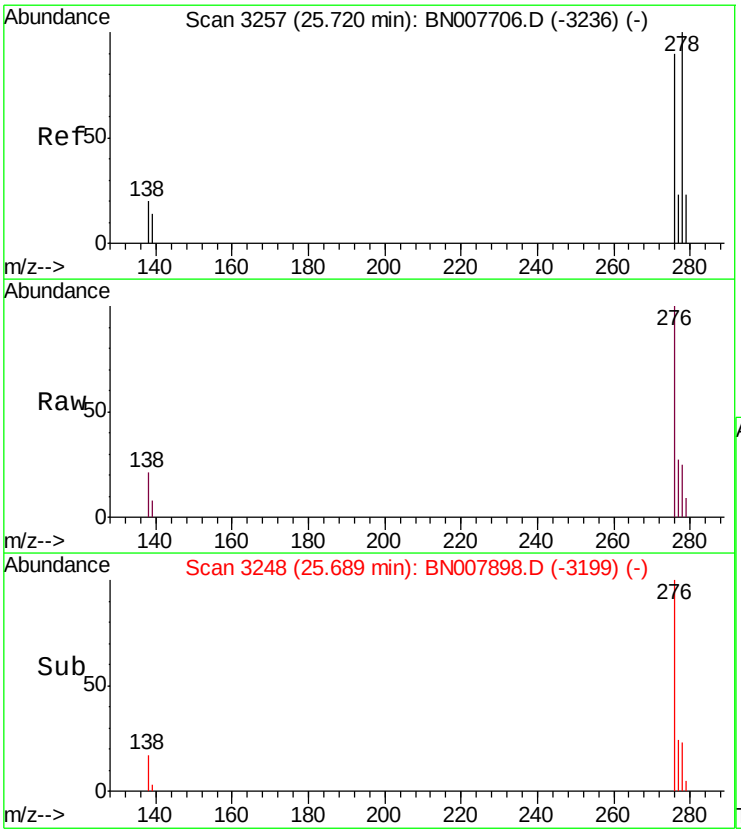
#37
Benzo(a)pyrene
Concen: 0.248 ng
RT: 23.38 min Scan# 2573
Delta R.T. -0.01 min
Lab File: BN007898.D
Acq: 30 Sep 2019 15:54

Instrument :
BNA_N
ClientSampleId :
PST-024-SW138-092519

Tgt Ion:252 Resp: 37403

Ion	Ratio	Lower	Upper
252	100		
253	25.4	18.6	27.8
125	17.4	9.4	14.0#

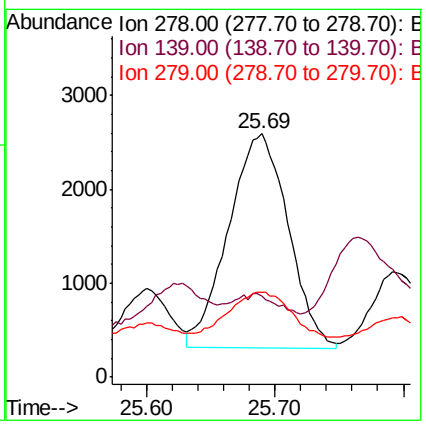


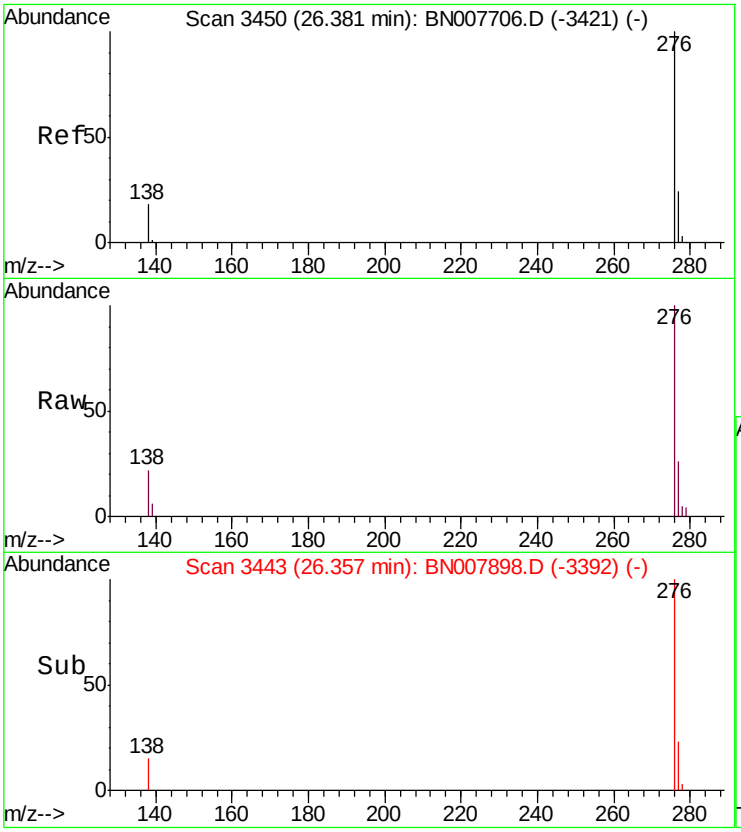


#38
Dibenzo(a,h)anthracene
Concen: 0.048 ng
RT: 25.69 min Scan# 3248
Delta R.T. -0.03 min
Lab File: BN007898.D
Acq: 30 Sep 2019 15:54

Tgt Ion:278 Resp: 7424

Ion	Ratio	Lower	Upper
278	100		
139	33.3	11.8	17.6#
279	34.8	19.4	29.2#





#39
Benzo(g,h,i)perylene
Concen: 0.198 ng
RT: 26.36 min Scan# 3443
Delta R.T. -0.02 min
Lab File: BN007898.D
Acq: 30 Sep 2019 15:54

Instrument :
BNA_N
ClientSampleId :
PST-024-SW138-092519

Tgt Ion:276 Resp: 30246

Ion	Ratio	Lower	Upper
276	100		
277	26.4	19.8	29.8
138	22.2	15.1	22.7