Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN091819\
Data File : BN007739.D
Acq On : 19 Sep 2019 14:01
Operator : HP/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDCCC0.4EC

Quant Time: Sep 19 15:22:31 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	7.70	152	7016	0.40	ng	0.00
7) Naphthalene-d8	10.47	136	27500	0.40	ng	0.00
13) Acenaphthene-d10	14.32	164	16769	0.40	ng	0.00
19) Phenanthrene-d10	17.07	188	37464	0.40	ng	0.00
27) Chrysene-d12	21.27	240	41608	0.40	ng	0.00
34) Perylene-d12	23.49	264	45348	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.32	112	7400	0.31	ng	0.00
5) Phenol-d6	6.87	99	9628	0.32	ng	0.00
8) Nitrobenzene-d5	8.83	82	10415	0.43	ng	0.00
11) 2-Methylnaphthalene-d10	12.06	152	17701	0.38	ng	0.00
14) 2,4,6-Tribromophenol	15.82	330	2480	0.27	ng	0.00
15) 2-Fluorobiphenyl	12.94	172	32750	0.47	ng	0.00
25) Fluoranthene-d10	19.10	212	45659	0.36	ng	0.00
29) Terphenyl-d14	19.71	244	51099	0.50	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.30	88	2874	0.368	ng	# 82
3) n-Nitrosodimethylamine	3.01	42	2072	0.578	ng	# 92
6) bis(2-Chloroethyl)ether	7.14	93	7465	0.376	ng	99
9) Naphthalene	10.52	128	31309	0.406	ng	100
10) Hexachlorobutadiene	10.82	225	6414	0.395	ng	# 99
12) 2-Methylnaphthalene	12.13	142	20723	0.397	ng	100
16) Acenaphthylene	14.03	152	30351	0.341	ng	100
17) Acenaphthene	14.38	154	20421	0.356	ng	97
18) Fluorene	15.37	166	26526	0.361	ng	100
20) 4-Bromophenyl-phenylether	16.27	248	8918	0.392	ng	98
21) Hexachlorobenzene	16.38	284	10182	0.410	ng	98
22) Pentachlorophenol	16.72	266	2458	0.268	ng	95
23) Phenanthrene	17.11	178	46544	0.399	ng	100
24) Anthracene	17.20	178	38784	0.368	ng	100
26) Fluoranthene	19.13	202	55261	0.381	ng	100
28) Pyrene	19.50	202	55334	0.390	ng	100
30) Benzo(a)anthracene	21.25	228	55596	0.363	ng	99
31) Chrysene	21.30	228	60194	0.403	ng	100
32) Bis(2-ethylhexyl)phthalate	21.21	149	16823	0.213	ng	99
33) Indeno(1,2,3-cd)pyrene	25.70	276	74144	0.397	ng	99
35) Benzo(b)fluoranthene	22.82	252	59945	0.381	ng	99
36) Benzo(k)fluoranthene	22.87	252	64784	0.416	ng	99
37) Benzo(a)pyrene	23.39	252	53618	0.362	ng	99
38) Dibenzo(a,h)anthracene	25.71	278	59866	0.395	ng	99
39) Benzo(g,h,i)perylene	26.37	276	56184	0.375	ng	98

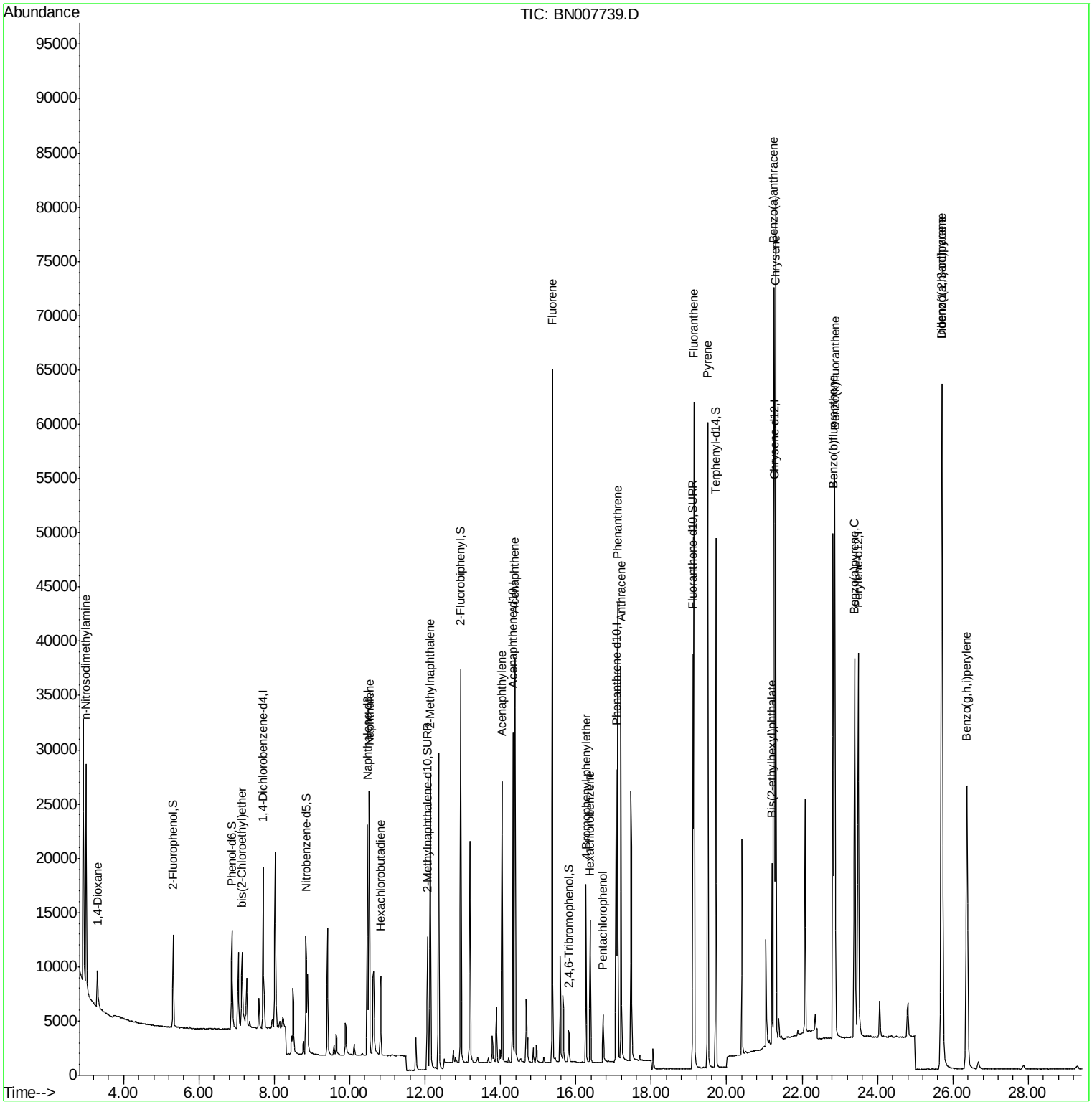
(#) = qualifier out of range (m) = manual integration (+) = signals summed

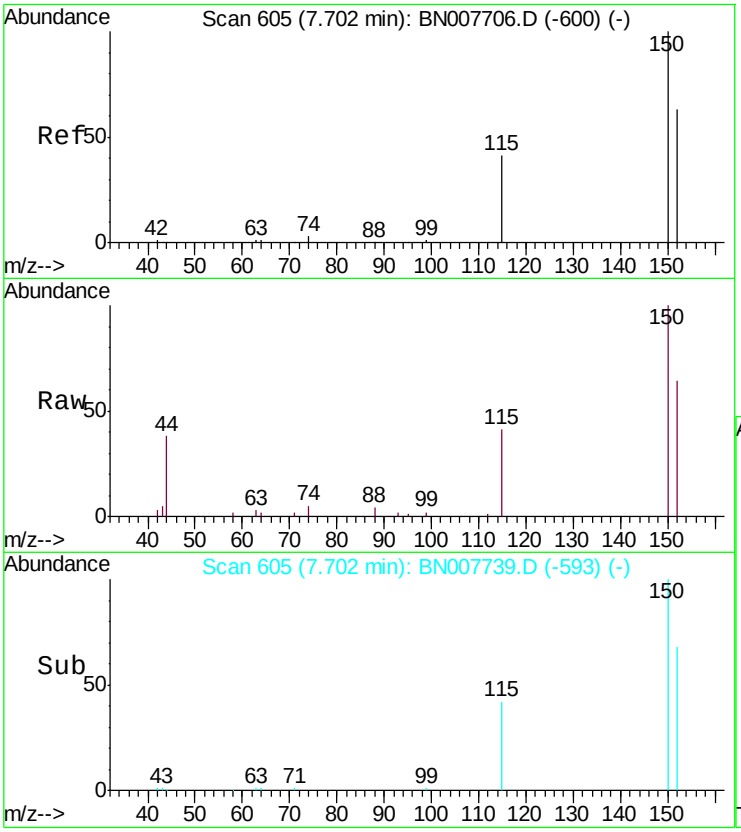
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN091819\
Data File : BN007739.D
Acq On : 19 Sep 2019 14:01
Operator : HP/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Quant Time: Sep 19 15:22:31 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



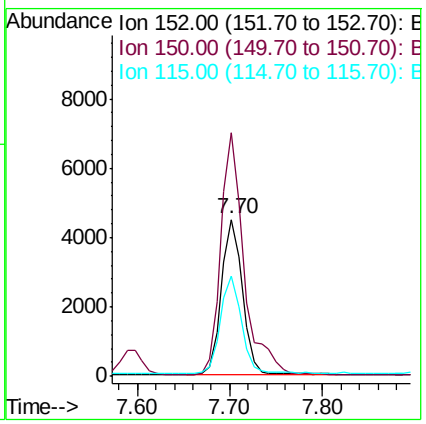


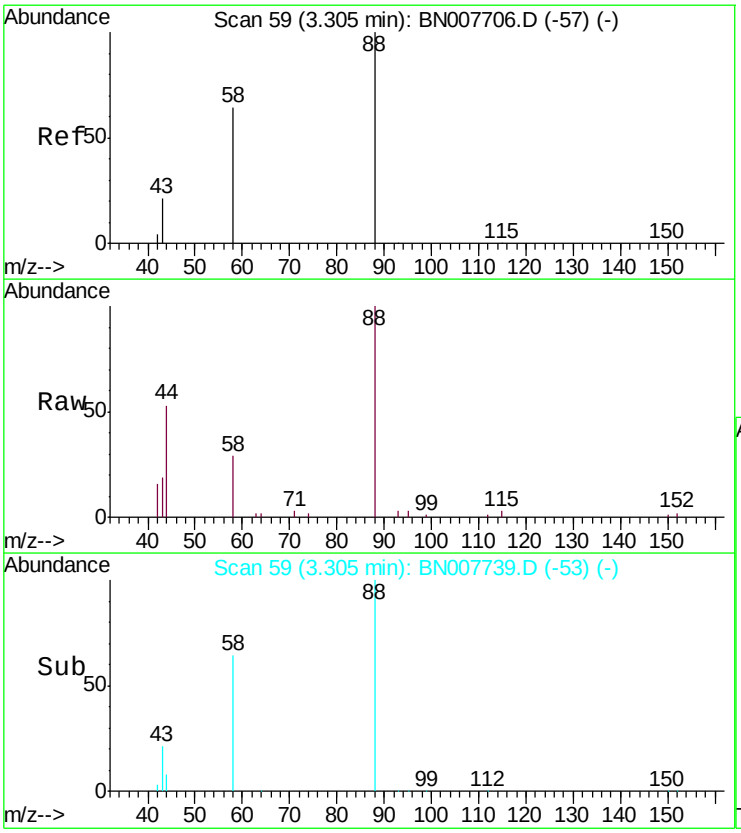
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.70 min Scan# 605
Delta R.T. -0.00 min
Lab File: BN007739.D
Acq: 19 Sep 2019 14:01

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:152 Resp: 7016

Ion	Ratio	Lower	Upper
152	100		
150	155.3	125.6	188.4
115	63.7	53.3	79.9

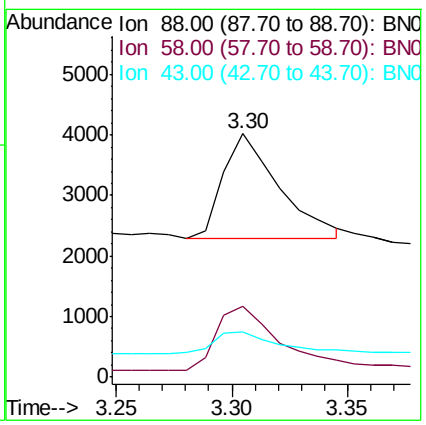


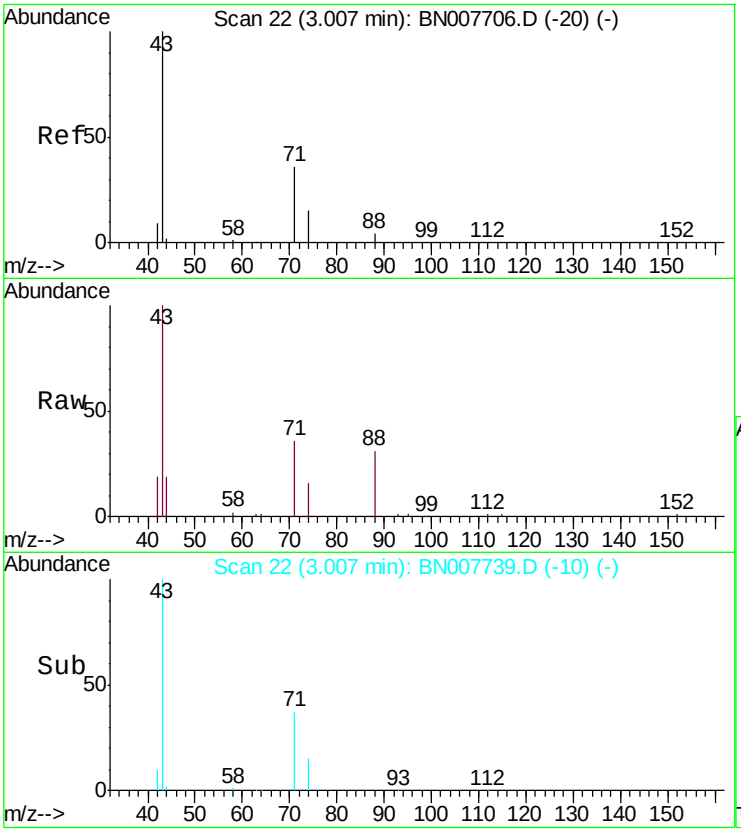


#2
1,4-Dioxane
Concen: 0.368 ng
RT: 3.30 min Scan# 59
Delta R.T. -0.00 min
Lab File: BN007739.D
Acq: 19 Sep 2019 14:01

Tgt Ion: 88 Resp: 2874

Ion	Ratio	Lower	Upper
88	100		
58	70.0	44.6	66.8#
43	24.4	14.4	21.6#



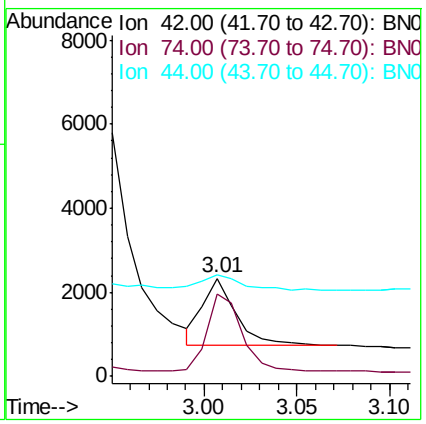


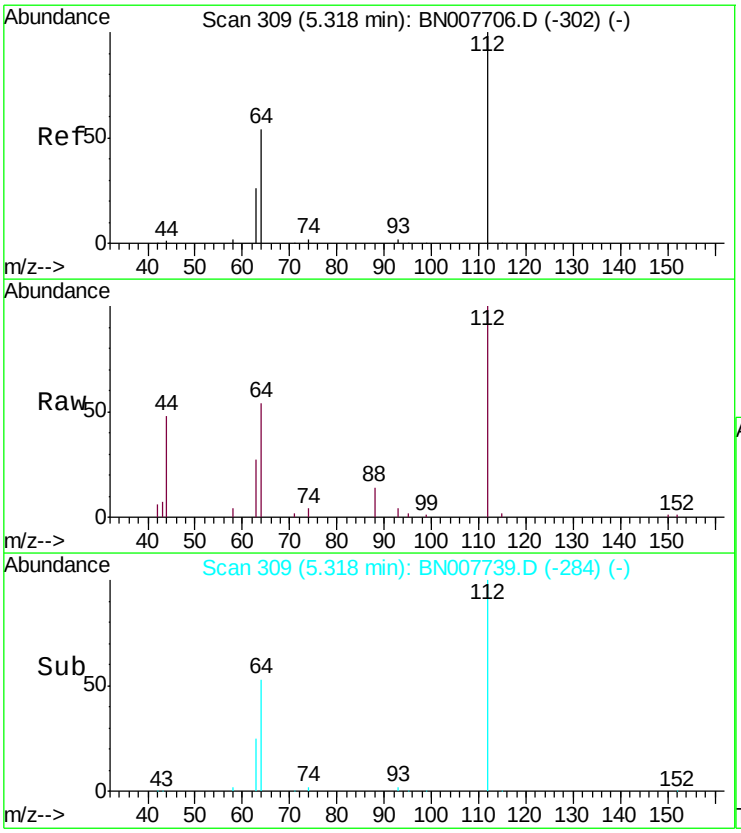
#3
n-Nitrosodimethylamine
Concen: 0.578 ng
RT: 3.01 min Scan# 22
Delta R.T. -0.00 min
Lab File: BN007739.D
Acq: 19 Sep 2019 14:01

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion: 42 Resp: 2072

Ion	Ratio	Lower	Upper
42	100		
74	116.0	87.9	131.9
44	28.5	29.4	44.0#

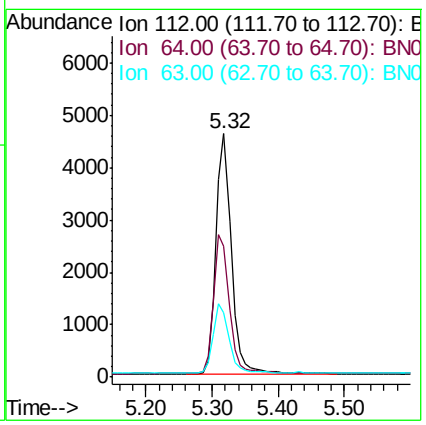


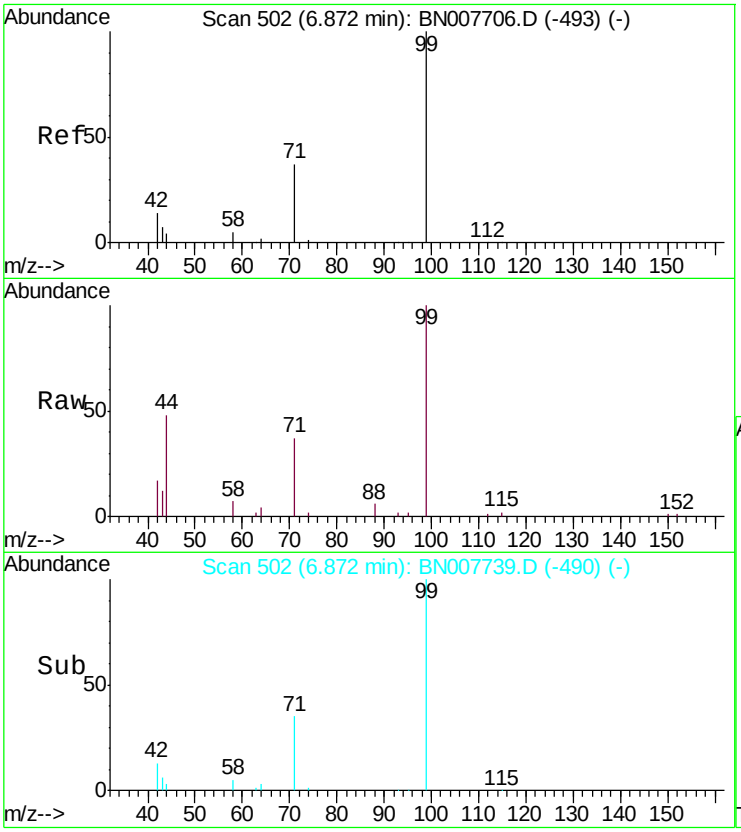


#4
2-Fluorophenol
Concen: 0.306 ng
RT: 5.32 min Scan# 309
Delta R.T. -0.00 min
Lab File: BN007739.D
Acq: 19 Sep 2019 14:01

Tgt Ion:112 Resp: 7400

Ion	Ratio	Lower	Upper
112	100		
64	59.5	46.6	70.0
63	29.5	23.1	34.7



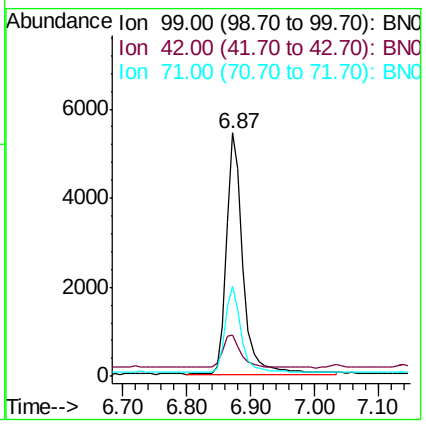


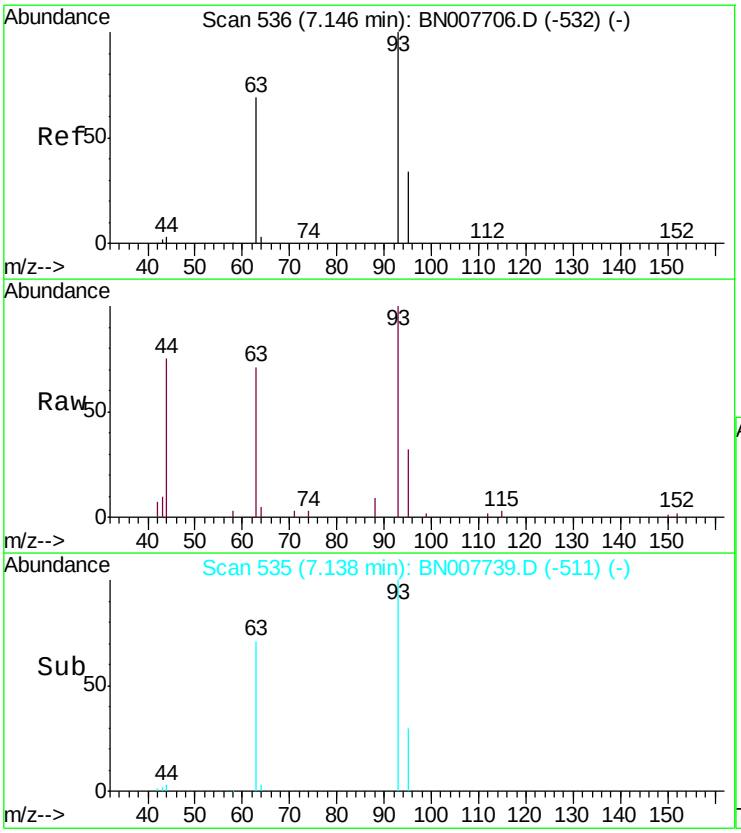
#5
Phenol-d6
Concen: 0.319 ng
RT: 6.87 min Scan# 502
Delta R.T. 0.00 min
Lab File: BN007739.D
Acq: 19 Sep 2019 14:01

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion: 99 Resp: 9628

Ion	Ratio	Lower	Upper
99	100		
42	14.1	12.8	19.2
71	35.0	27.6	41.4

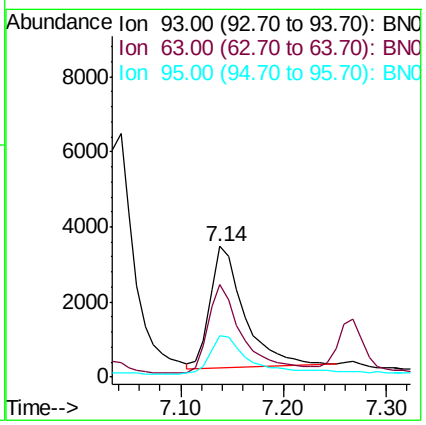


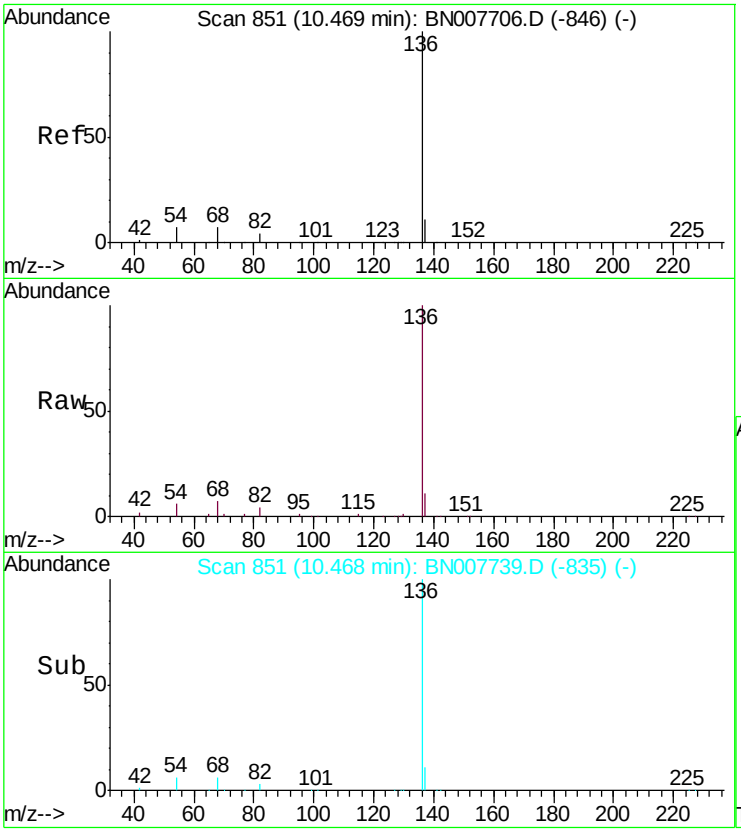


#6
bis(2-Chloroethyl)ether
Concen: 0.376 ng
RT: 7.14 min Scan# 535
Delta R.T. -0.01 min
Lab File: BN007739.D
Acq: 19 Sep 2019 14:01

Tgt Ion: 93 Resp: 7465

Ion	Ratio	Lower	Upper
93	100		
63	74.4	59.3	88.9
95	37.7	31.4	47.0



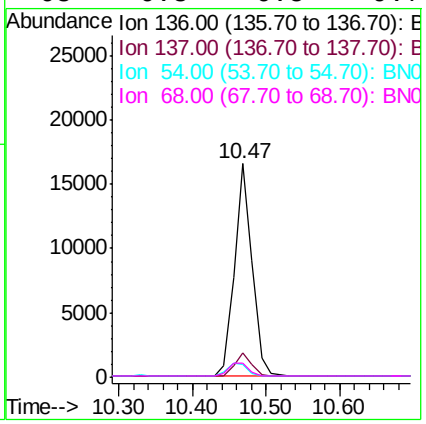


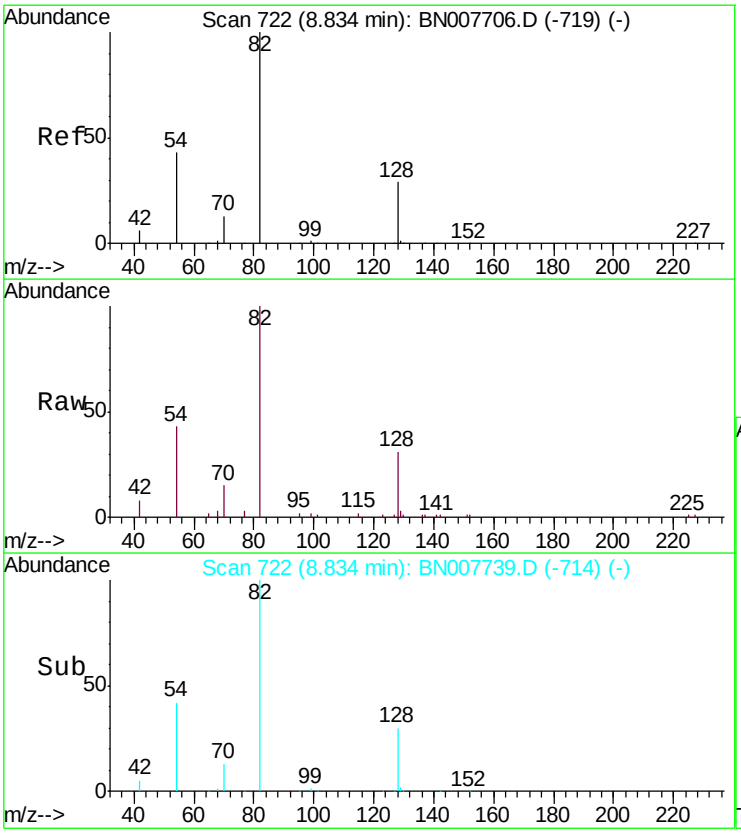
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.47 min Scan# 851
Delta R.T. -0.00 min
Lab File: BN007739.D
Acq: 19 Sep 2019 14:01

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:136 Resp: 27500

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.2	13.8
54	6.1	5.8	8.8
68	6.8	6.5	9.7

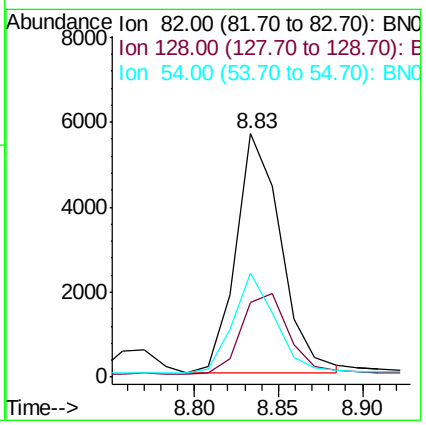


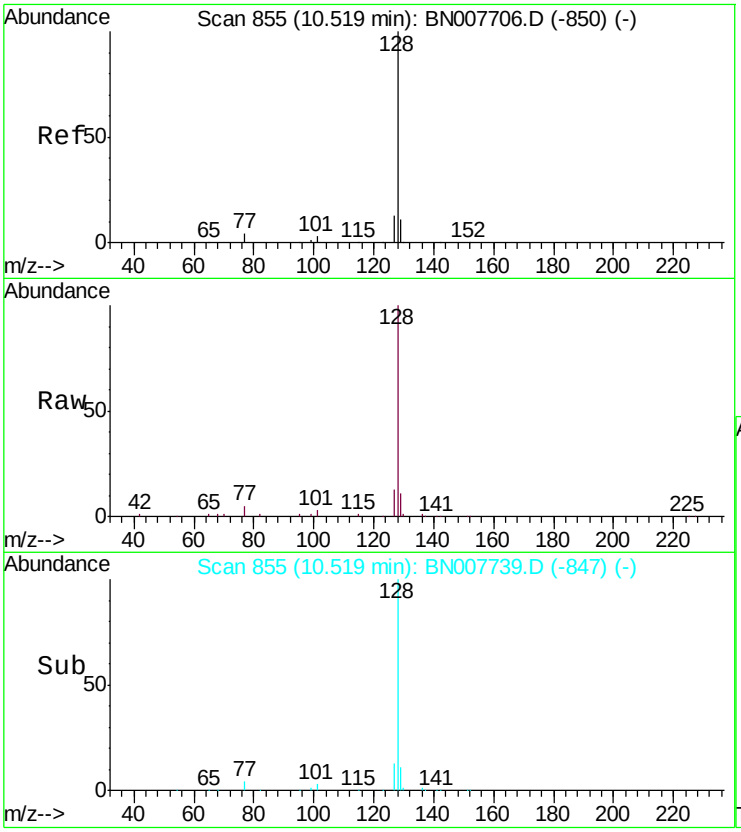


#8
Nitrobenzene-d5
Concen: 0.433 ng
RT: 8.83 min Scan# 722
Delta R.T. -0.00 min
Lab File: BN007739.D
Acq: 19 Sep 2019 14:01

Tgt Ion: 82 Resp: 10415

Ion	Ratio	Lower	Upper
82	100		
128	30.8	24.5	36.7
54	42.9	35.2	52.8



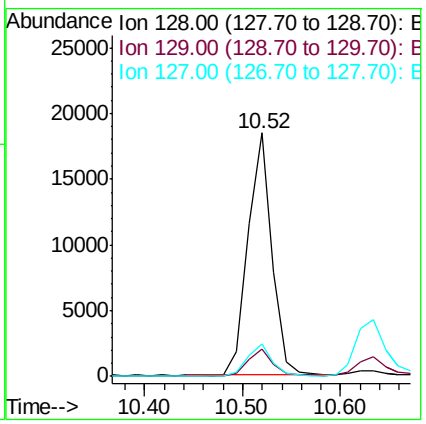


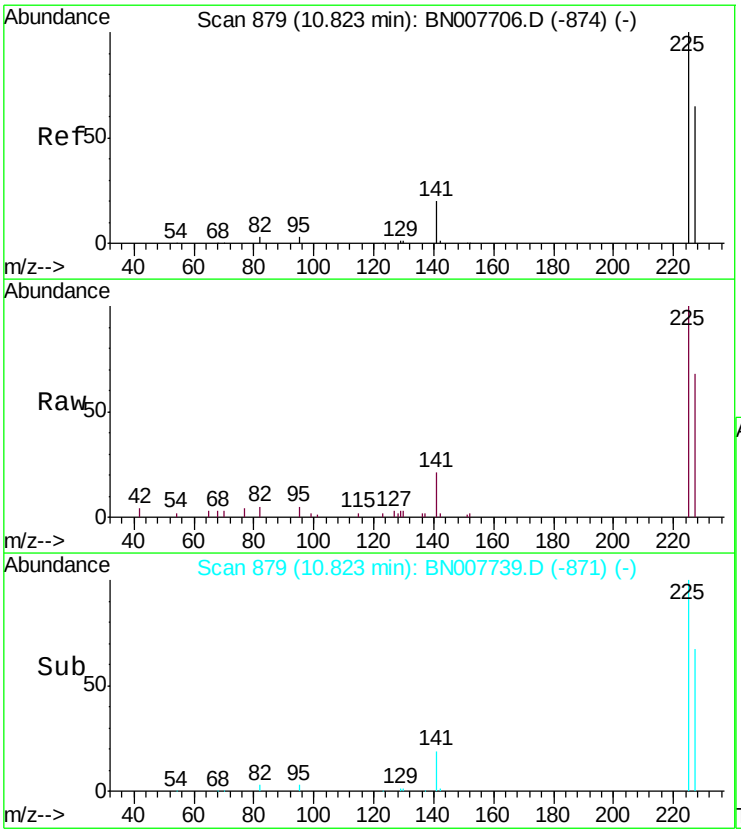
#9
Naphthalene
Concen: 0.406 ng
RT: 10.52 min Scan# 855
Delta R.T. -0.00 min
Lab File: BN007739.D
Acq: 19 Sep 2019 14:01

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:128 Resp: 31309

Ion	Ratio	Lower	Upper
128	100		
129	11.1	9.1	13.7
127	13.2	10.6	15.8

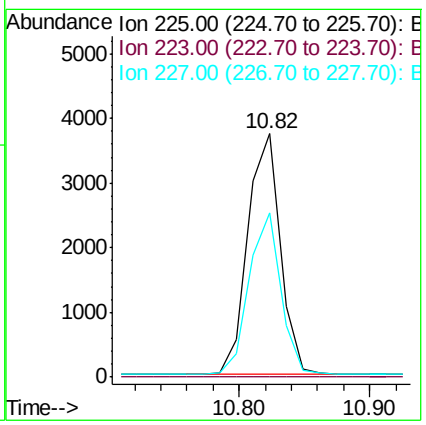


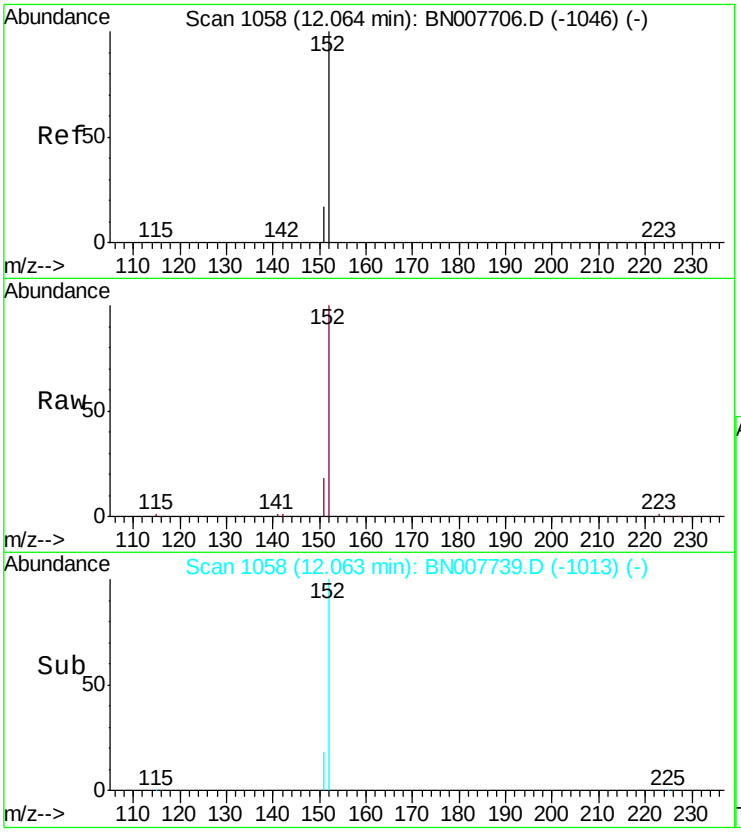


#10
Hexachlorobutadiene
Concen: 0.395 ng
RT: 10.82 min Scan# 879
Delta R.T. -0.00 min
Lab File: BN007739.D
Acq: 19 Sep 2019 14:01

Tgt Ion:225 Resp: 6414

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	65.1	51.2	76.8



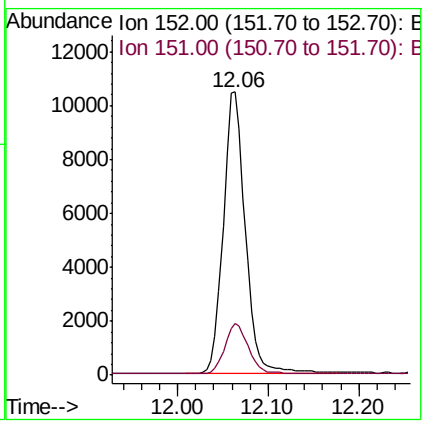


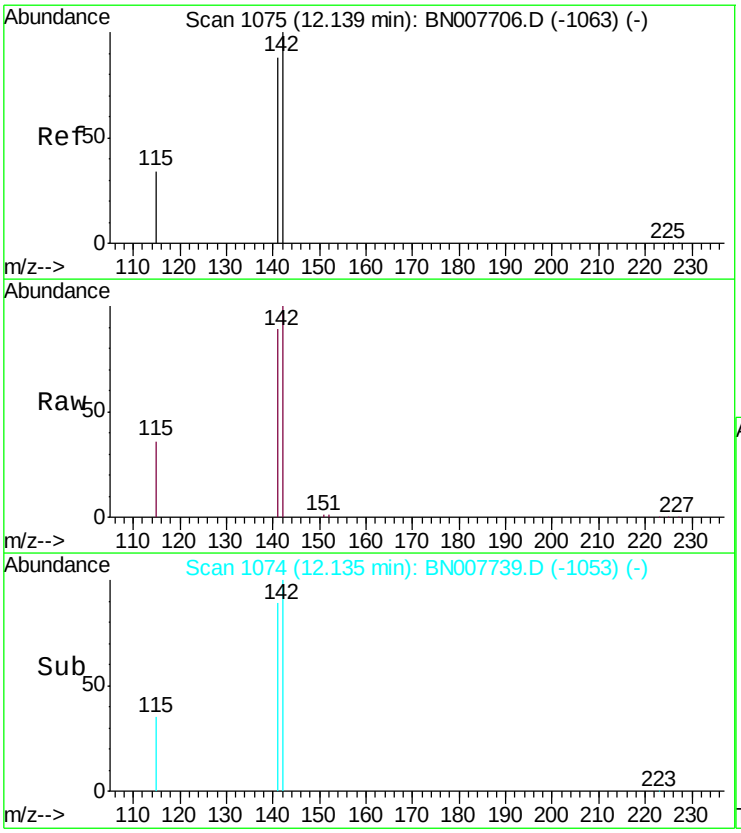
#11
2-Methylnaphthalene-d10
Concen: 0.382 ng
RT: 12.06 min Scan# 1058
Delta R.T. -0.00 min
Lab File: BN007739.D
Acq: 19 Sep 2019 14:01

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:152 Resp: 17701

Ion	Ratio	Lower	Upper
152	100		
151	19.1	15.4	23.2

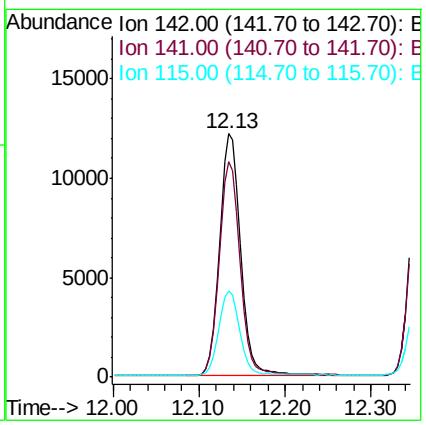


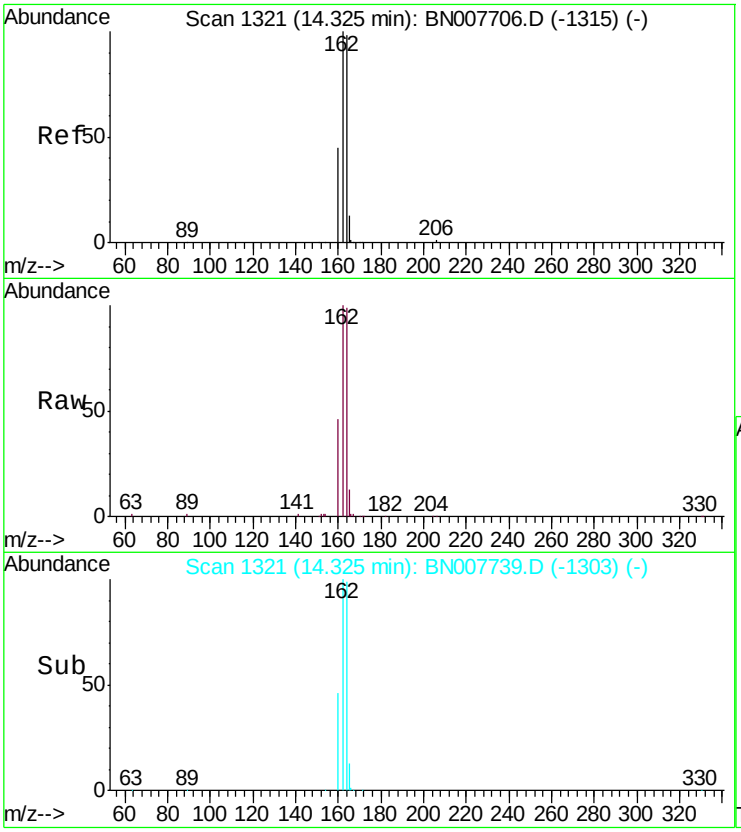


#12
2-Methylnaphthalene
Concen: 0.397 ng
RT: 12.13 min Scan# 1074
Delta R.T. -0.00 min
Lab File: BN007739.D
Acq: 19 Sep 2019 14:01

Tgt Ion:142 Resp: 20723

Ion	Ratio	Lower	Upper
142	100		
141	88.5	70.6	106.0
115	35.7	28.3	42.5



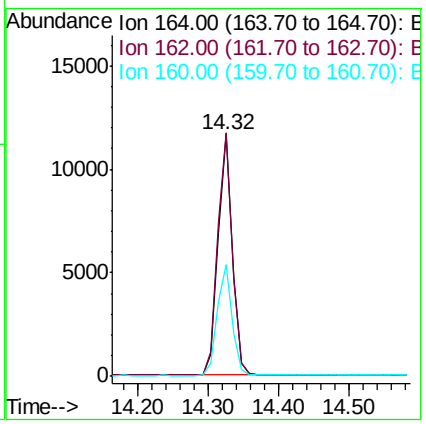


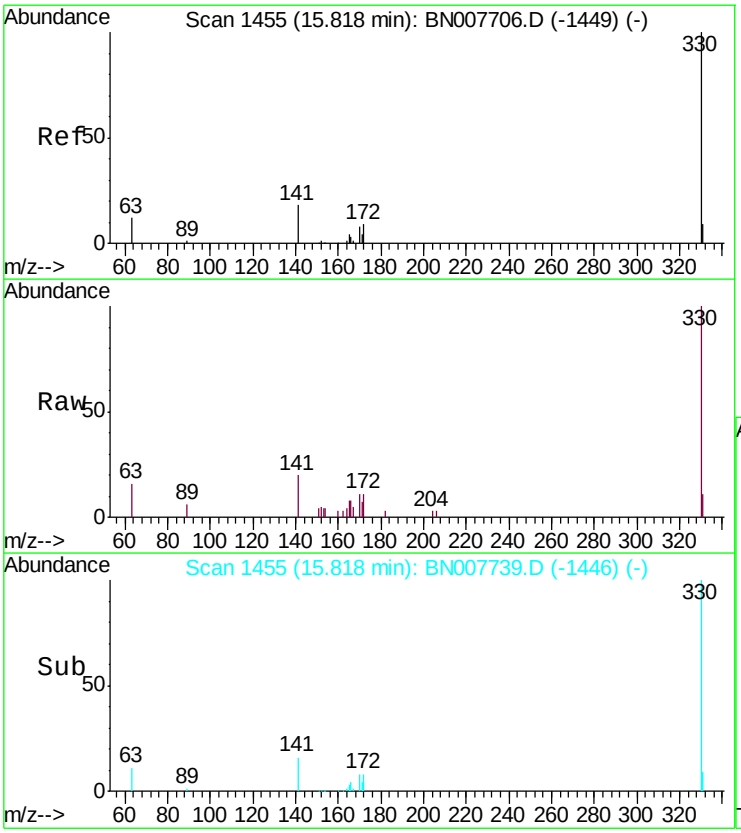
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.32 min Scan# 1321
Delta R.T. -0.00 min
Lab File: BN007739.D
Acq: 19 Sep 2019 14:01

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:164 Resp: 16769

Ion	Ratio	Lower	Upper
164	100		
162	100.6	81.7	122.5
160	46.2	37.0	55.4

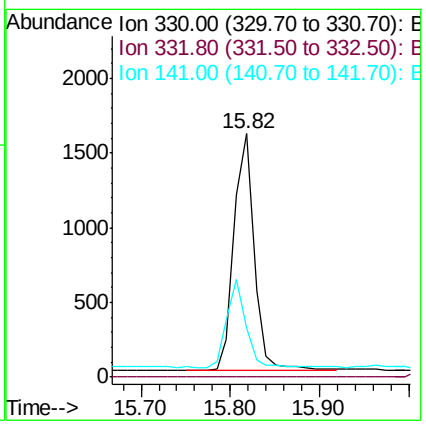


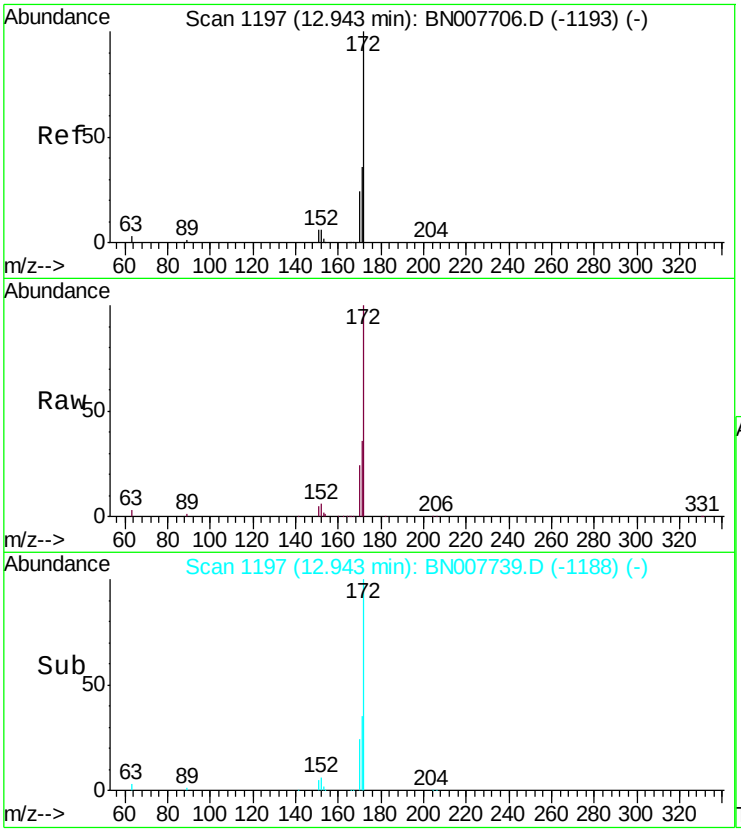


#14
2,4,6-Tribromophenol
Concen: 0.272 ng
RT: 15.82 min Scan# 1455
Delta R.T. -0.00 min
Lab File: BN007739.D
Acq: 19 Sep 2019 14:01

Tgt Ion:330 Resp: 2480

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	36.0	28.7	43.1



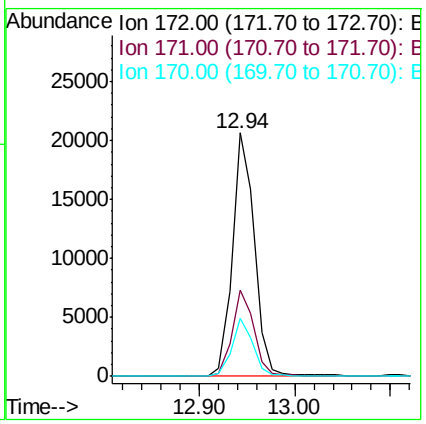


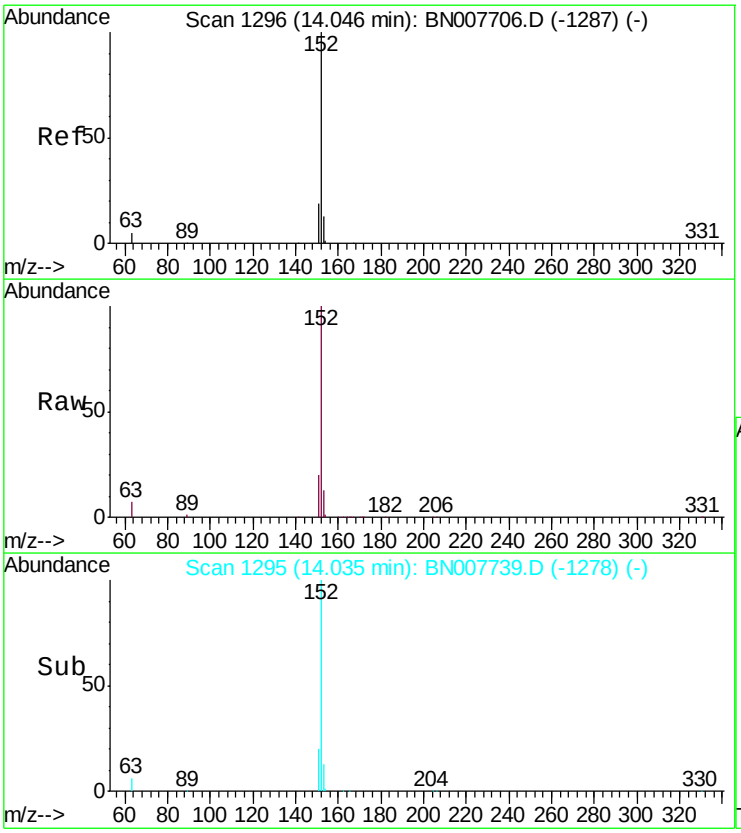
#15
2-Fluorobiphenyl
Concen: 0.474 ng
RT: 12.94 min Scan# 1197
Delta R.T. -0.00 min
Lab File: BN007739.D
Acq: 19 Sep 2019 14:01

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:172 Resp: 32750

Ion	Ratio	Lower	Upper
172	100		
171	35.5	28.8	43.2
170	24.0	19.5	29.3

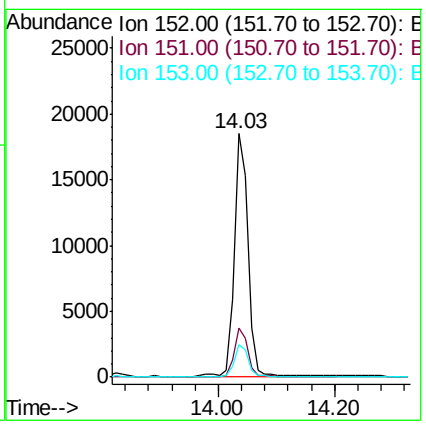


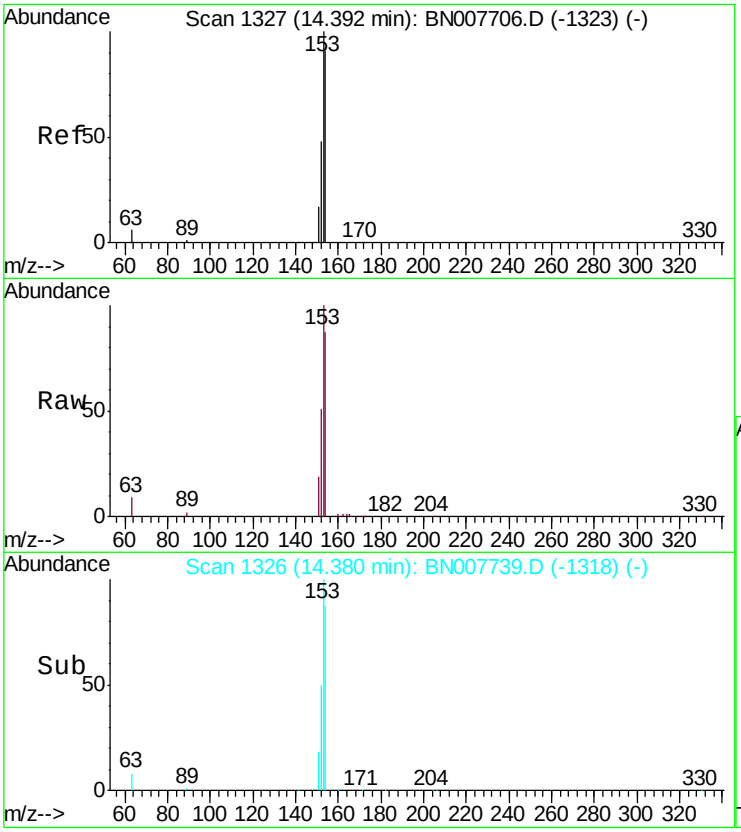


#16
Acenaphthylene
Concen: 0.341 ng
RT: 14.03 min Scan# 1295
Delta R.T. -0.01 min
Lab File: BN007739.D
Acq: 19 Sep 2019 14:01

Tgt Ion:152 Resp: 30351

Ion	Ratio	Lower	Upper
152	100		
151	19.7	15.5	23.3
153	12.9	10.4	15.6



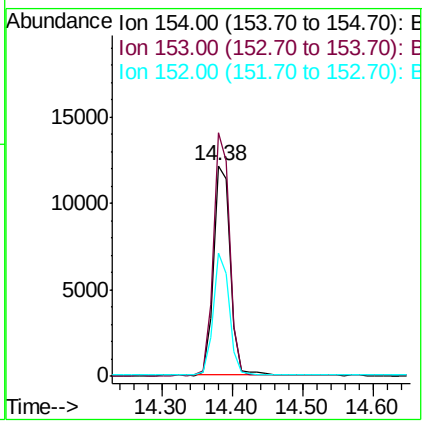


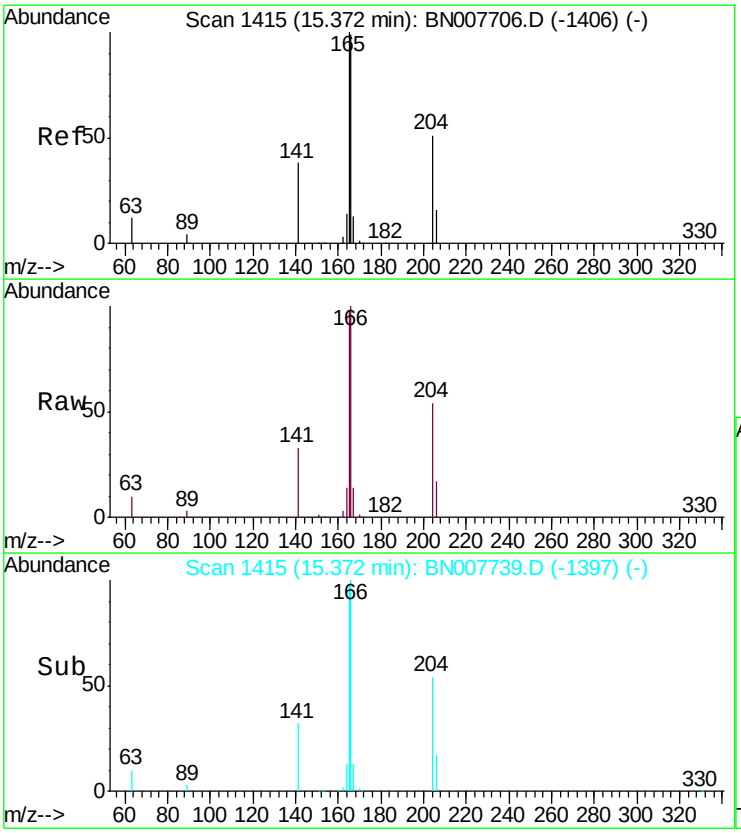
#17
Acenaphthene
Concen: 0.356 ng
RT: 14.38 min Scan# 1326
Delta R.T. -0.01 min
Lab File: BN007739.D
Acq: 19 Sep 2019 14:01

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:154 Resp: 20421

Ion	Ratio	Lower	Upper
154	100		
153	111.9	87.0	130.4
152	56.1	42.7	64.1

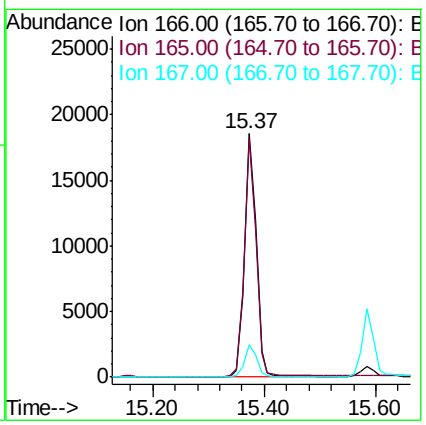


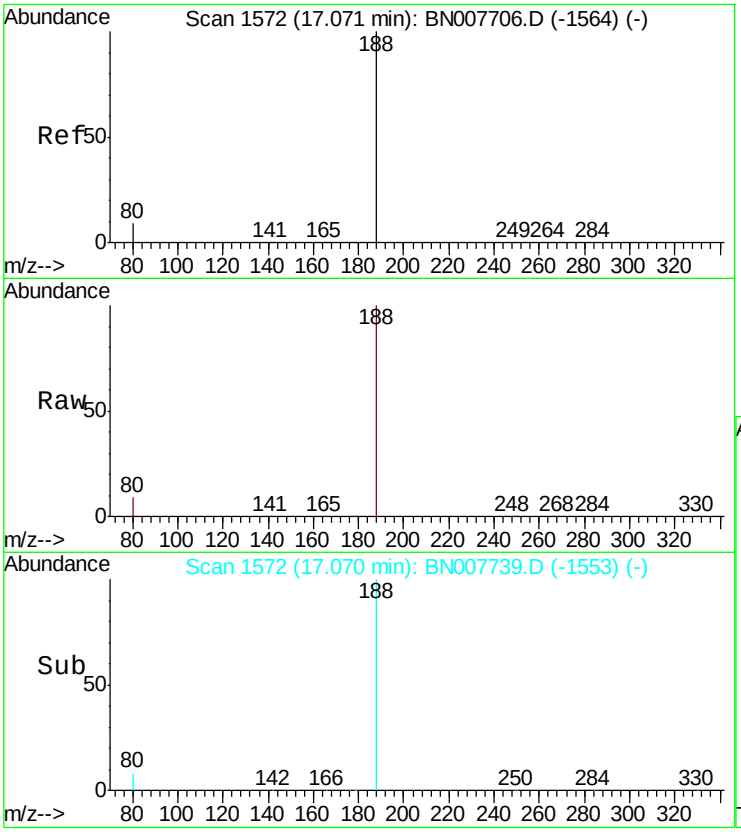


#18
Fluorene
Concen: 0.361 ng
RT: 15.37 min Scan# 1415
Delta R.T. -0.00 min
Lab File: BN007739.D
Acq: 19 Sep 2019 14:01

Tgt Ion:166 Resp: 26526

Ion	Ratio	Lower	Upper
166	100		
165	97.2	78.0	117.0
167	13.4	10.9	16.3



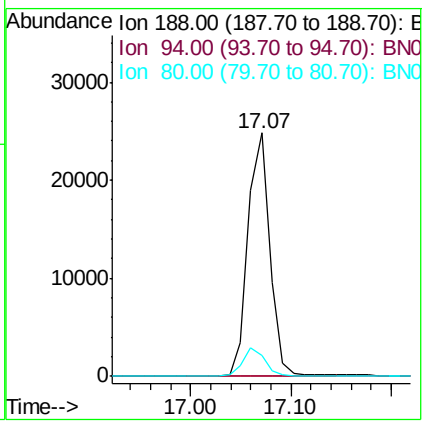


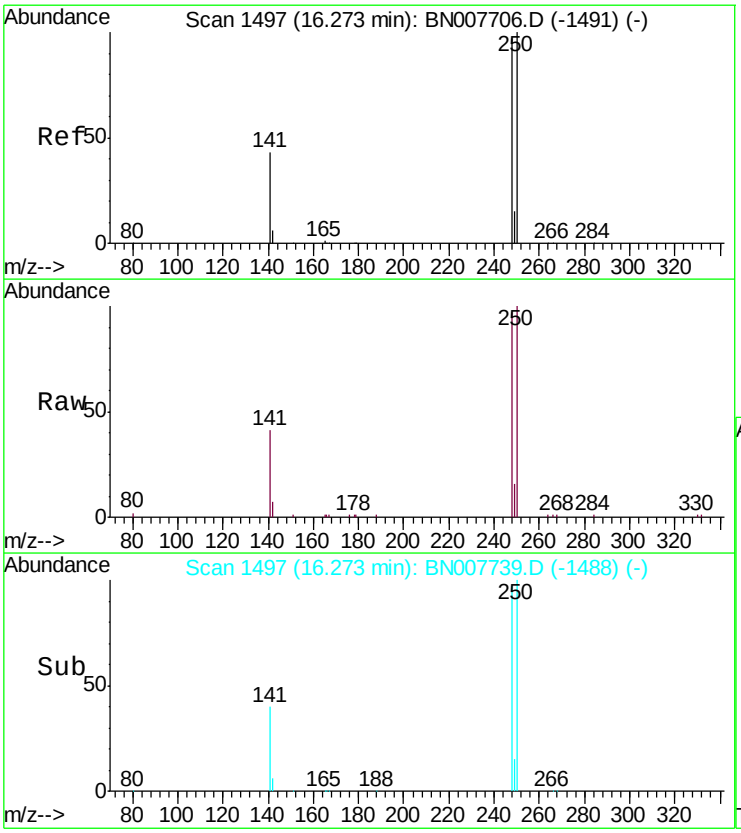
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.07 min Scan# 1572
Delta R.T. -0.00 min
Lab File: BN007739.D
Acq: 19 Sep 2019 14:01

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:188 Resp: 37464

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	8.5	7.4	11.2

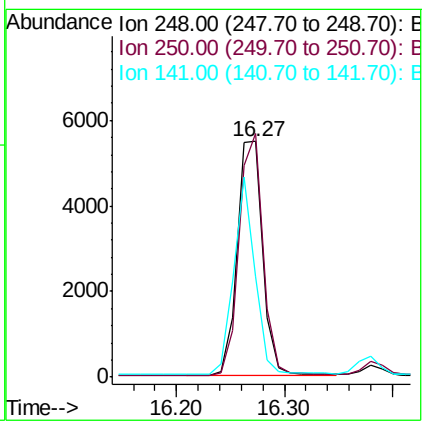


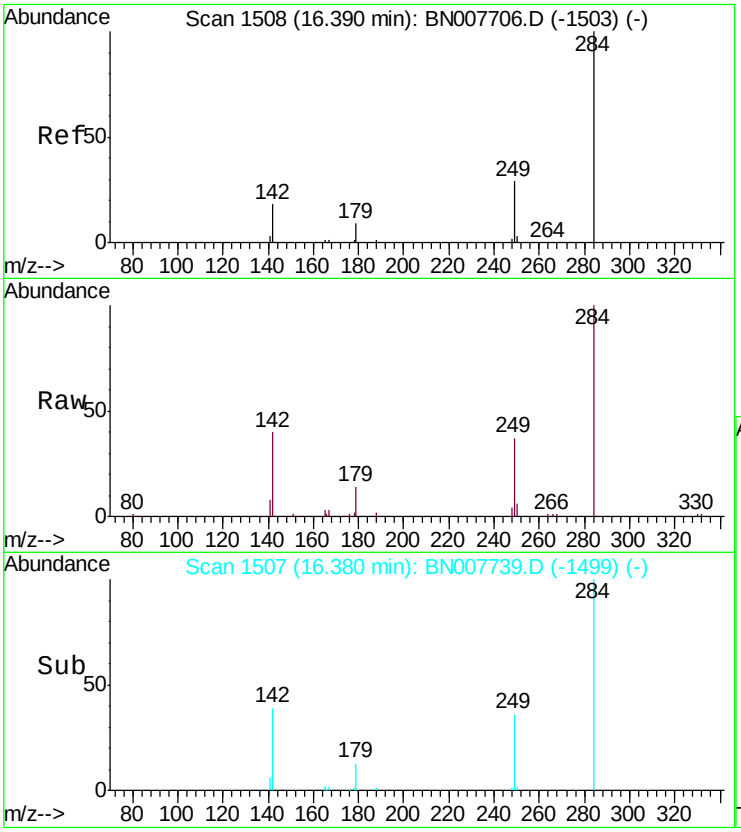


#20
4-Bromophenyl-phenylether
Concen: 0.392 ng
RT: 16.27 min Scan# 1497
Delta R.T. -0.00 min
Lab File: BN007739.D
Acq: 19 Sep 2019 14:01

Tgt Ion:248 Resp: 8918

Ion	Ratio	Lower	Upper
248	100		
250	103.4	82.2	123.4
141	42.4	36.3	54.5



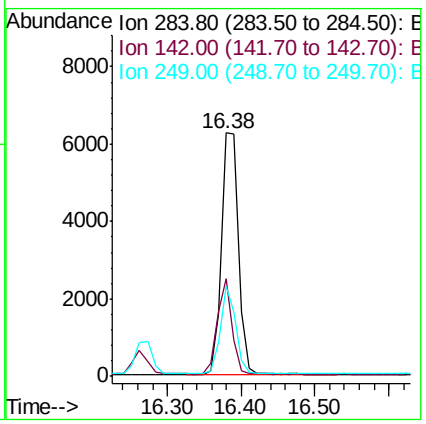


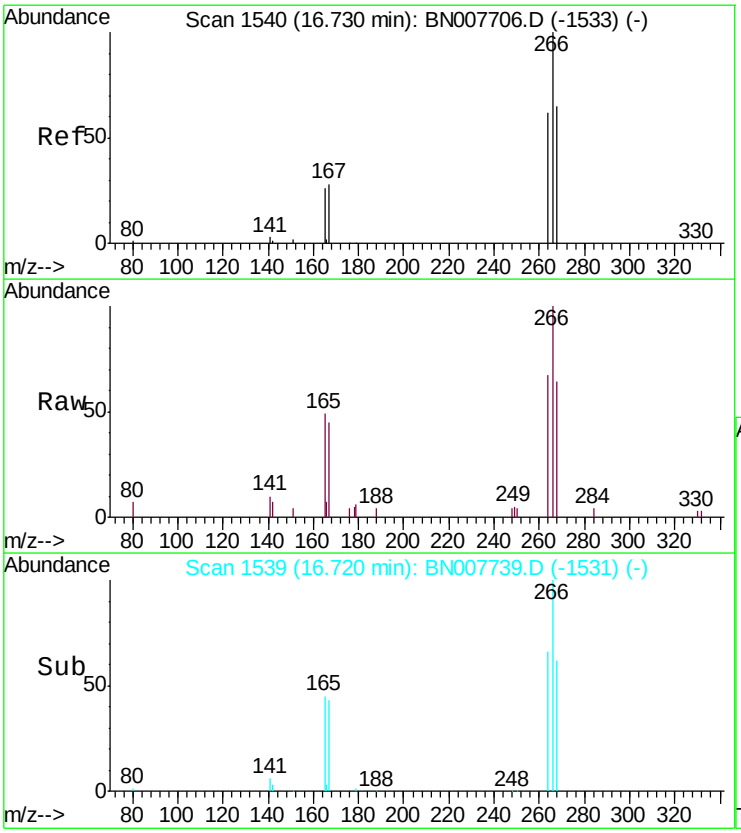
#21
Hexachlorobenzene
Concen: 0.410 ng
RT: 16.38 min Scan# 1507
Delta R.T. -0.01 min
Lab File: BN007739.D
Acq: 19 Sep 2019 14:01

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:284 Resp: 10182

Ion	Ratio	Lower	Upper
284	100		
142	33.5	25.8	38.6
249	31.9	25.9	38.9

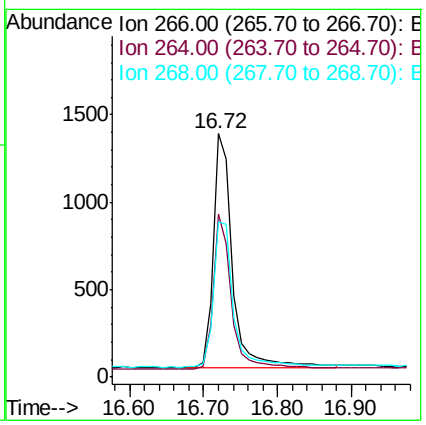


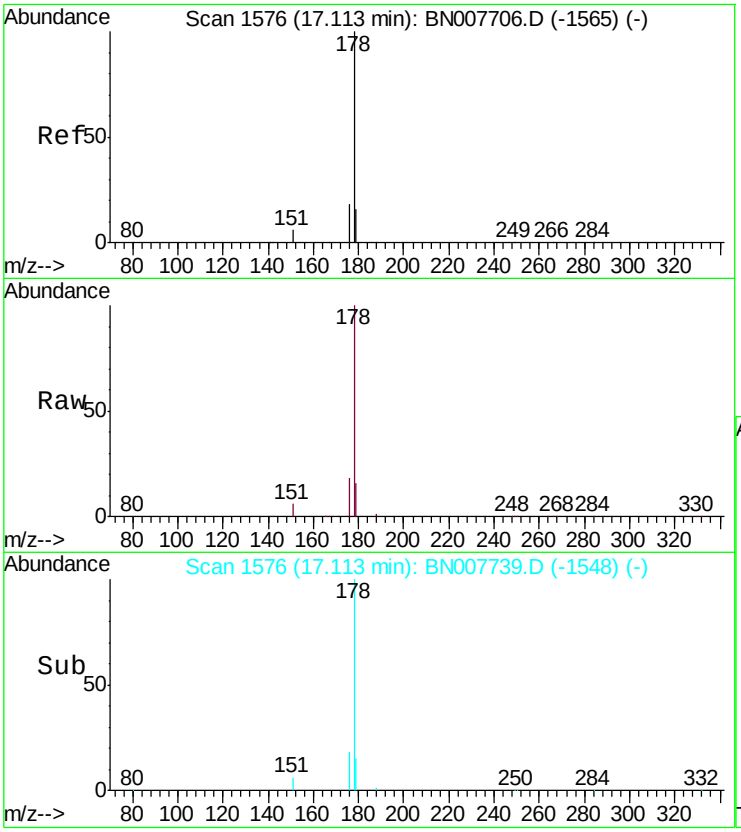


#22
Pentachlorophenol
Concen: 0.268 ng
RT: 16.72 min Scan# 1539
Delta R.T. -0.01 min
Lab File: BN007739.D
Acq: 19 Sep 2019 14:01

Tgt Ion:266 Resp: 2458

Ion	Ratio	Lower	Upper
266	100		
264	66.7	50.0	75.0
268	64.0	54.2	81.4



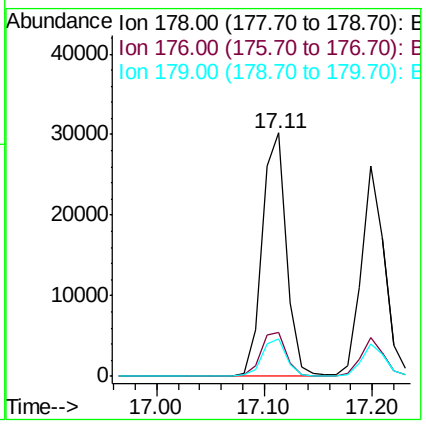


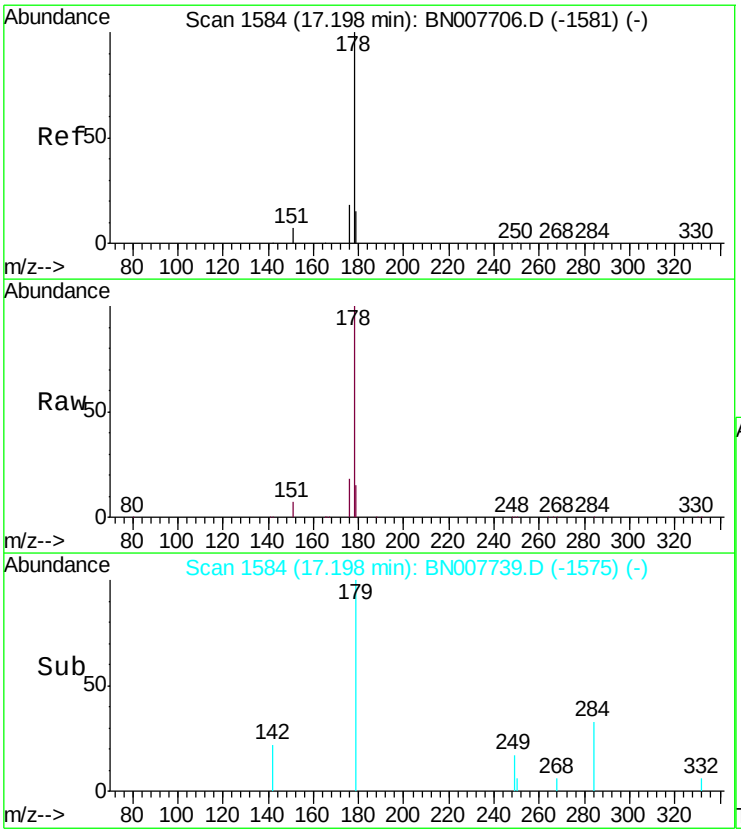
#23
Phenanthrene
Concen: 0.399 ng
RT: 17.11 min Scan# 1576
Delta R.T. -0.00 min
Lab File: BN007739.D
Acq: 19 Sep 2019 14:01

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:178 Resp: 46544

Ion	Ratio	Lower	Upper
178	100		
176	18.6	14.9	22.3
179	15.2	12.5	18.7

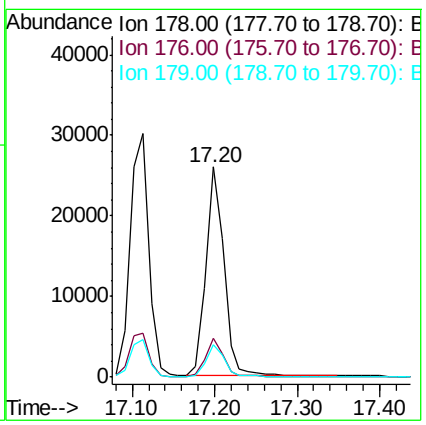


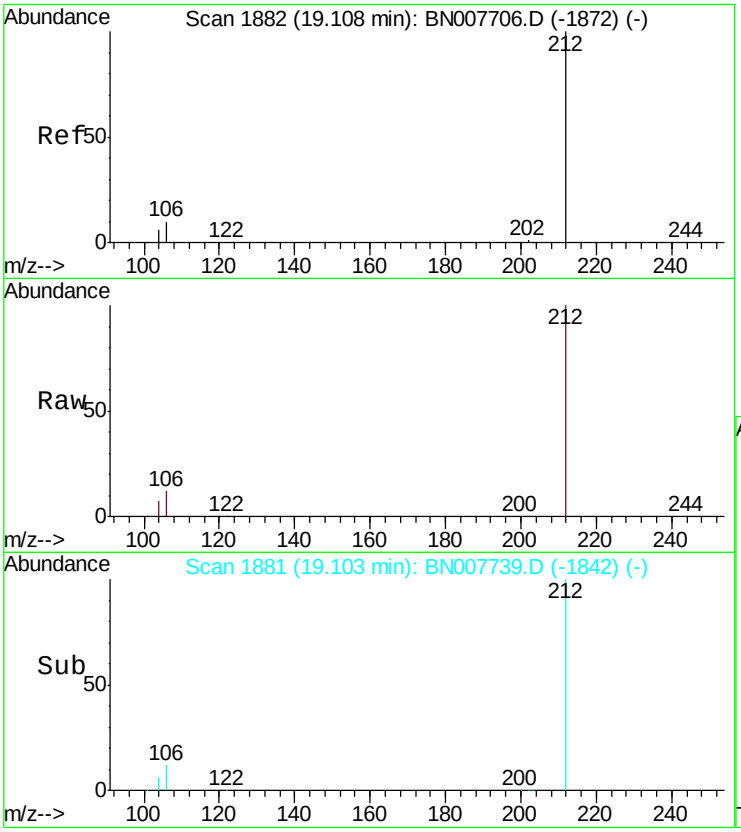


#24
Anthracene
Concen: 0.368 ng
RT: 17.20 min Scan# 1584
Delta R.T. -0.00 min
Lab File: BN007739.D
Acq: 19 Sep 2019 14:01

Tgt Ion:178 Resp: 38784

Ion	Ratio	Lower	Upper
178	100		
176	18.1	14.6	21.8
179	15.1	12.2	18.4



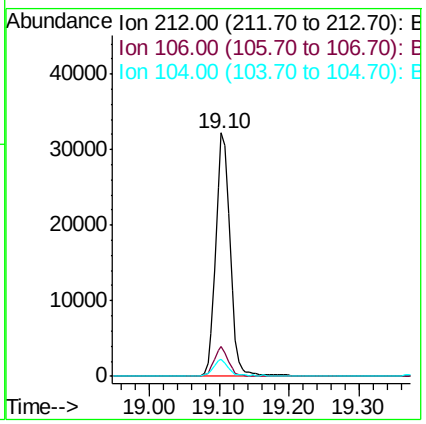


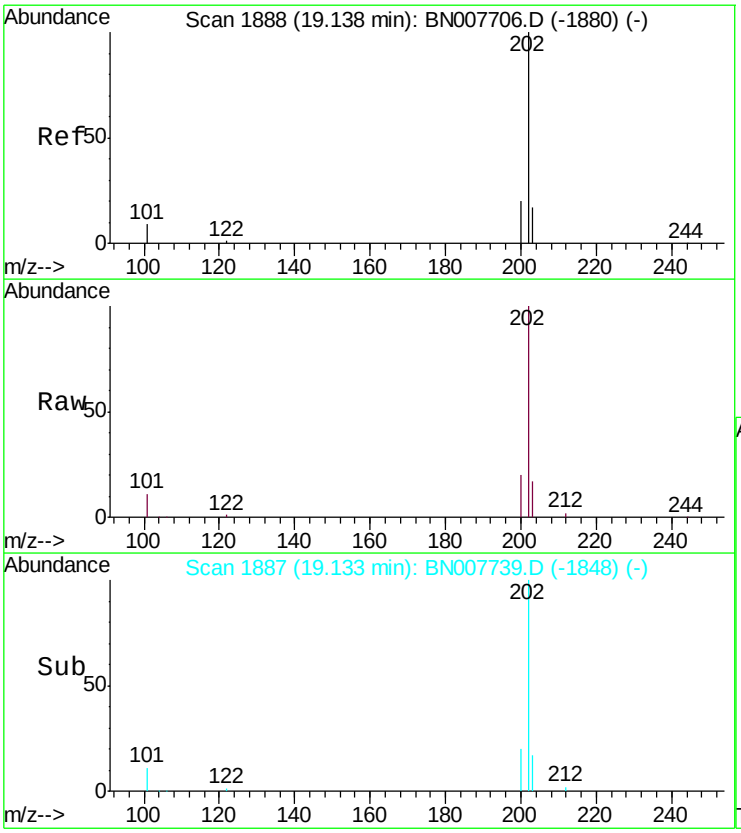
#25
Fluoranthene-d10
Concen: 0.362 ng
RT: 19.10 min Scan# 1881
Delta R.T. -0.01 min
Lab File: BN007739.D
Acq: 19 Sep 2019 14:01

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:212 Resp: 45659

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

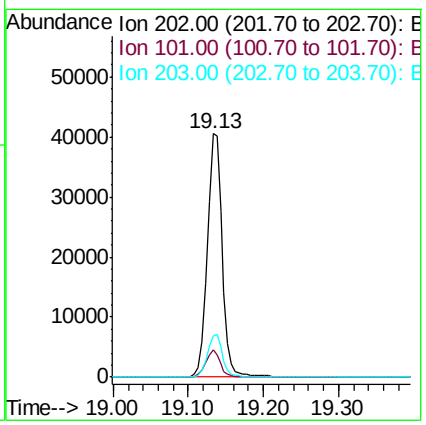


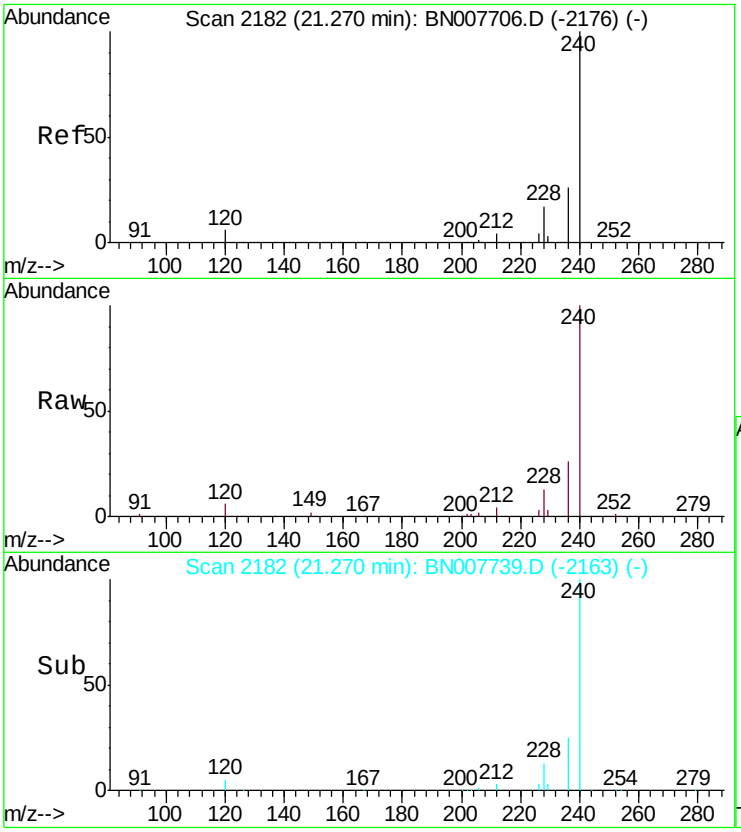


#26
Fluoranthene
Concen: 0.381 ng
RT: 19.13 min Scan# 1887
Delta R.T. -0.01 min
Lab File: BN007739.D
Acq: 19 Sep 2019 14:01

Tgt Ion:202 Resp: 55261

Ion	Ratio	Lower	Upper
202	100		
101	10.7	8.4	12.6
203	17.2	13.8	20.8



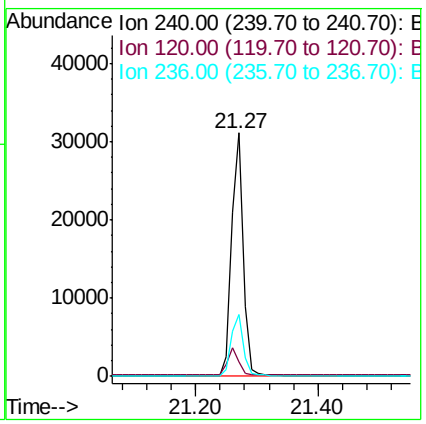


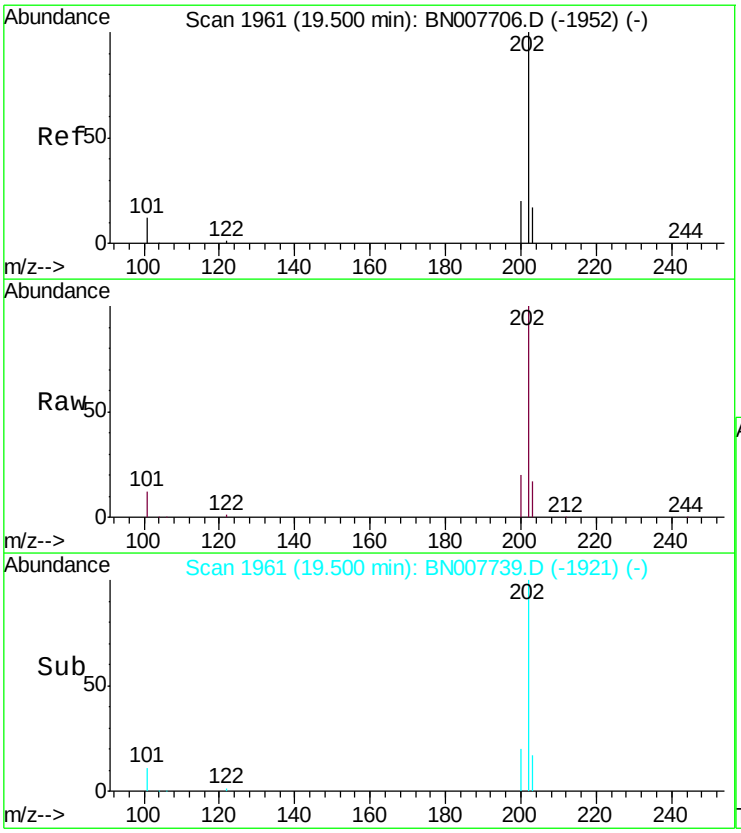
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.27 min Scan# 2182
Delta R.T. -0.00 min
Lab File: BN007739.D
Acq: 19 Sep 2019 14:01

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:240 Resp: 41608

Ion	Ratio	Lower	Upper
240	100		
120	5.8	5.4	8.2
236	25.7	21.0	31.4

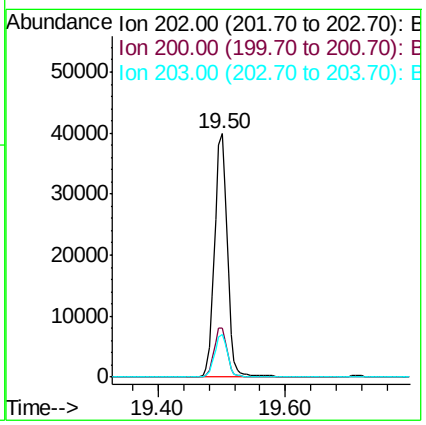


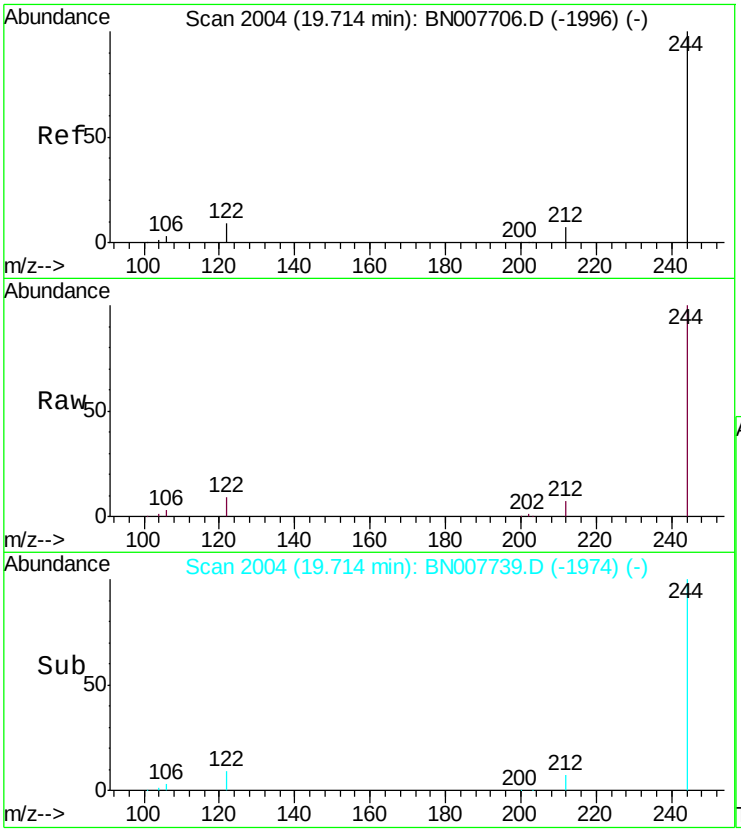


#28
Pyrene
Concen: 0.390 ng
RT: 19.50 min Scan# 1961
Delta R.T. -0.00 min
Lab File: BN007739.D
Acq: 19 Sep 2019 14:01

Tgt Ion:202 Resp: 55334

Ion	Ratio	Lower	Upper
202	100		
200	20.3	16.4	24.6
203	17.5	14.1	21.1



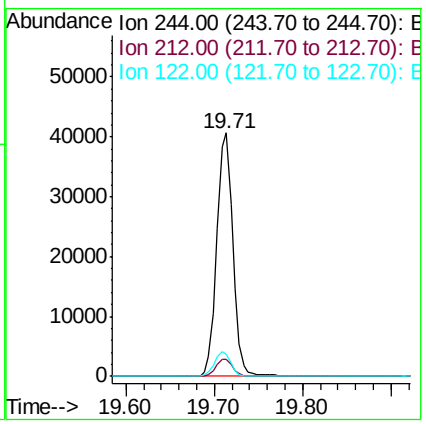


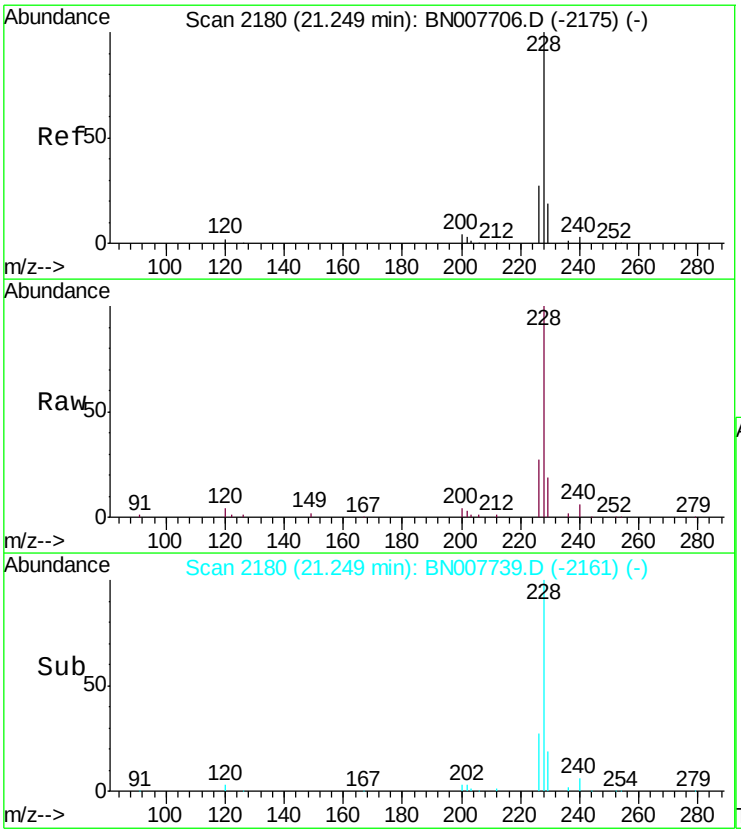
#29
Terphenyl-d14
Concen: 0.500 ng
RT: 19.71 min Scan# 2004
Delta R.T. -0.00 min
Lab File: BN007739.D
Acq: 19 Sep 2019 14:01

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:244 Resp: 51099

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.9	8.9
122	9.0	7.4	11.2

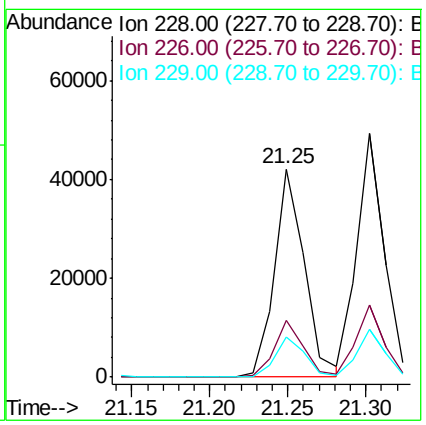


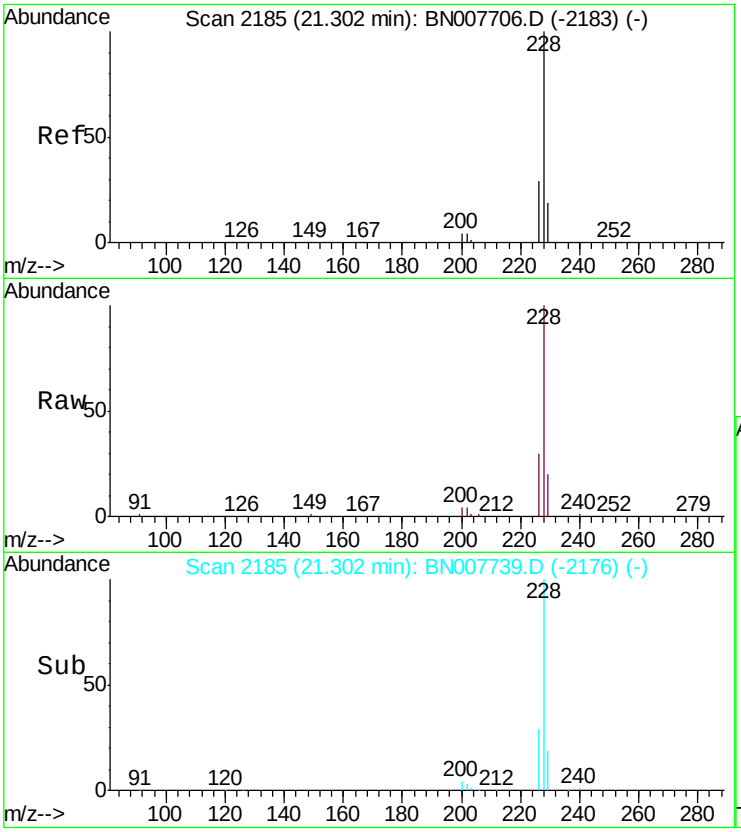


#30
Benzo(a)anthracene
Concen: 0.363 ng
RT: 21.25 min Scan# 2180
Delta R.T. -0.00 min
Lab File: BN007739.D
Acq: 19 Sep 2019 14:01

Tgt Ion:228 Resp: 55596

Ion	Ratio	Lower	Upper
228	100		
226	27.0	22.1	33.1
229	19.4	15.8	23.6



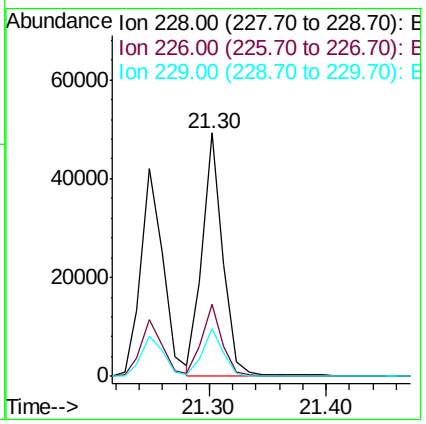


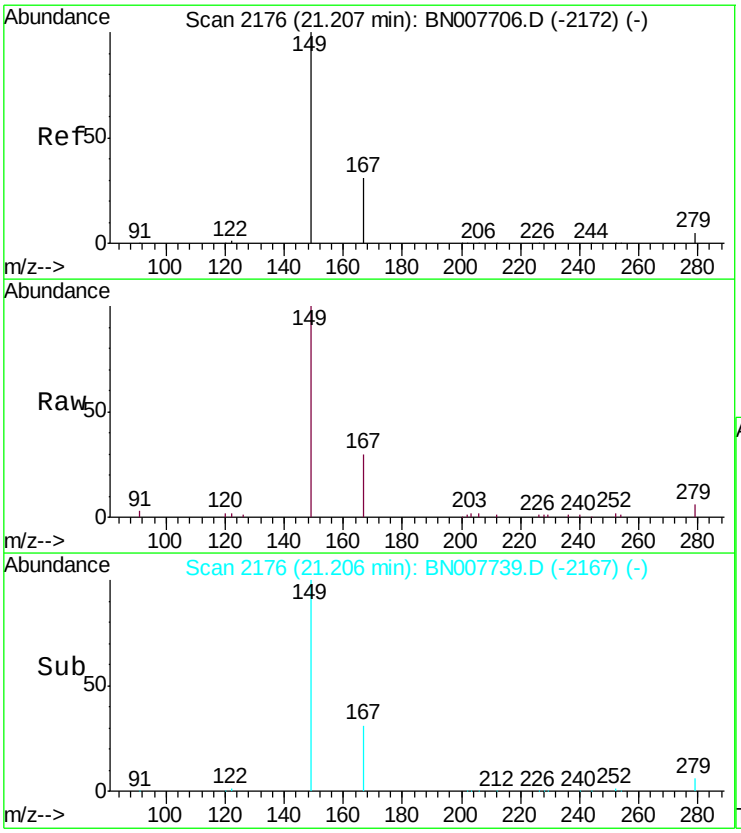
#31
Chrysene
Concen: 0.403 ng
RT: 21.30 min Scan# 2185
Delta R.T. -0.00 min
Lab File: BN007739.D
Acq: 19 Sep 2019 14:01

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:228 Resp: 60194

Ion	Ratio	Lower	Upper
228	100		
226	29.6	23.9	35.9
229	19.6	15.8	23.6

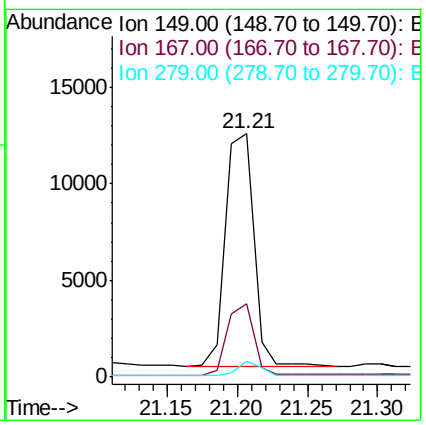


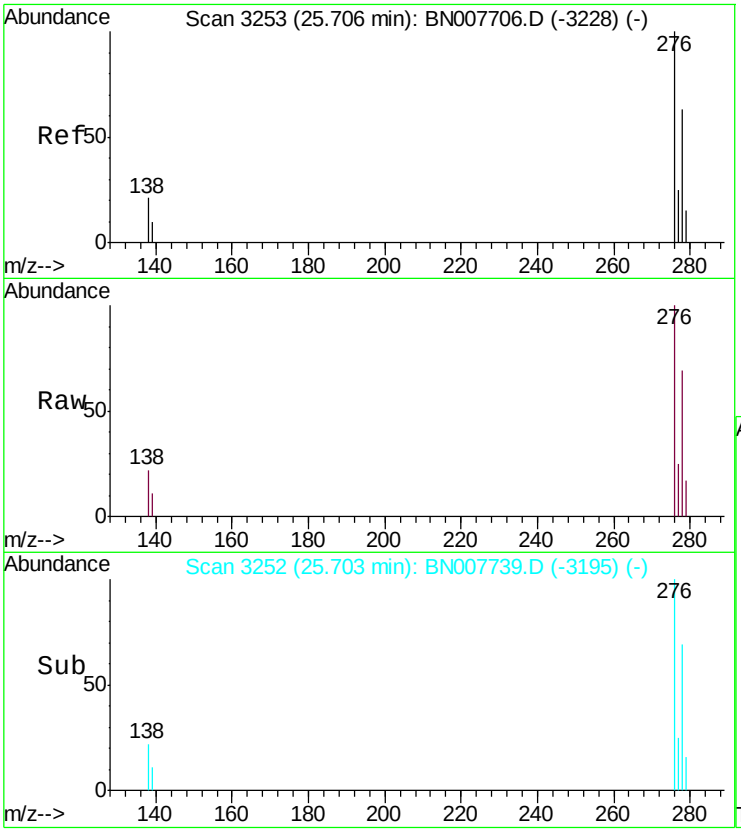


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.213 ng
RT: 21.21 min Scan# 2176
Delta R.T. -0.00 min
Lab File: BN007739.D
Acq: 19 Sep 2019 14:01

Tgt Ion:149 Resp: 16823

Ion	Ratio	Lower	Upper
149	100		
167	28.9	23.7	35.5
279	4.9	4.2	6.2



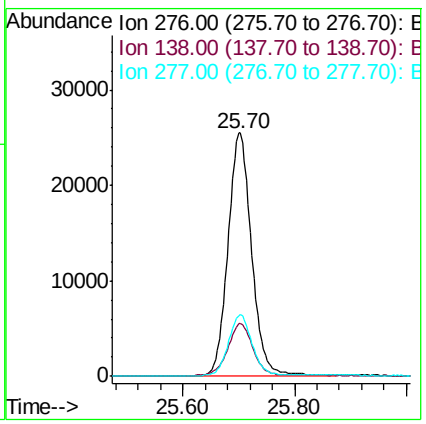


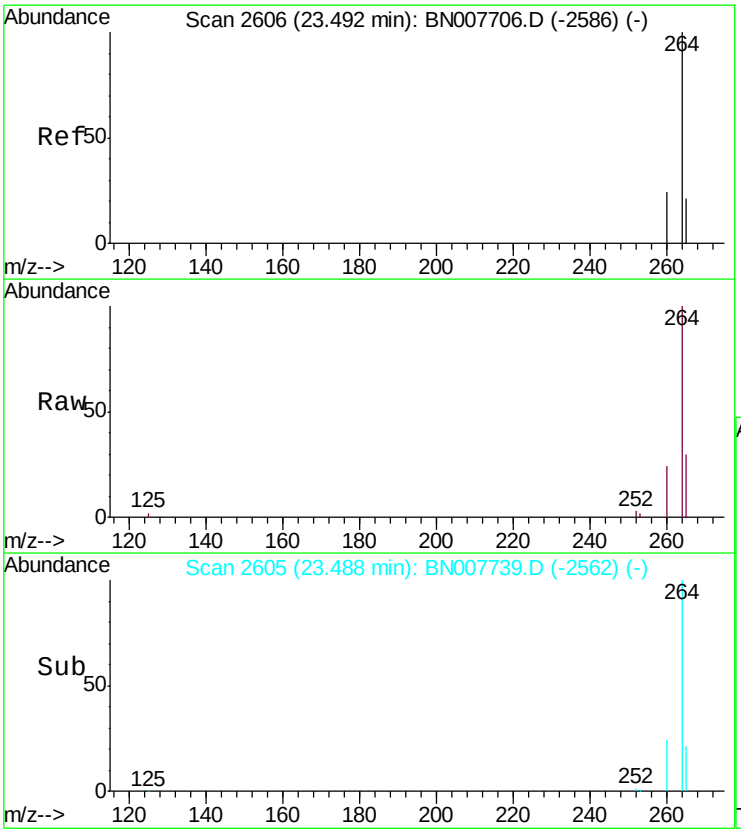
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.397 ng
RT: 25.70 min Scan# 3252
Delta R.T. -0.00 min
Lab File: BN007739.D
Acq: 19 Sep 2019 14:01

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:276 Resp: 74144

Ion	Ratio	Lower	Upper
276	100		
138	22.8	17.1	25.7
277	25.0	20.0	30.0

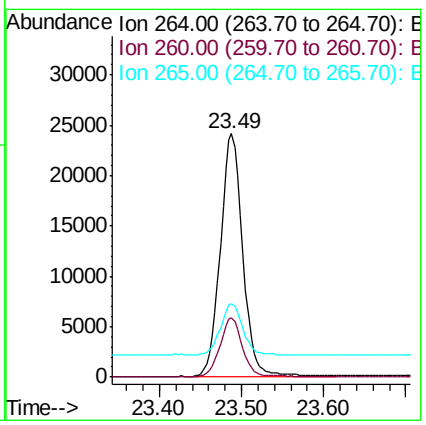


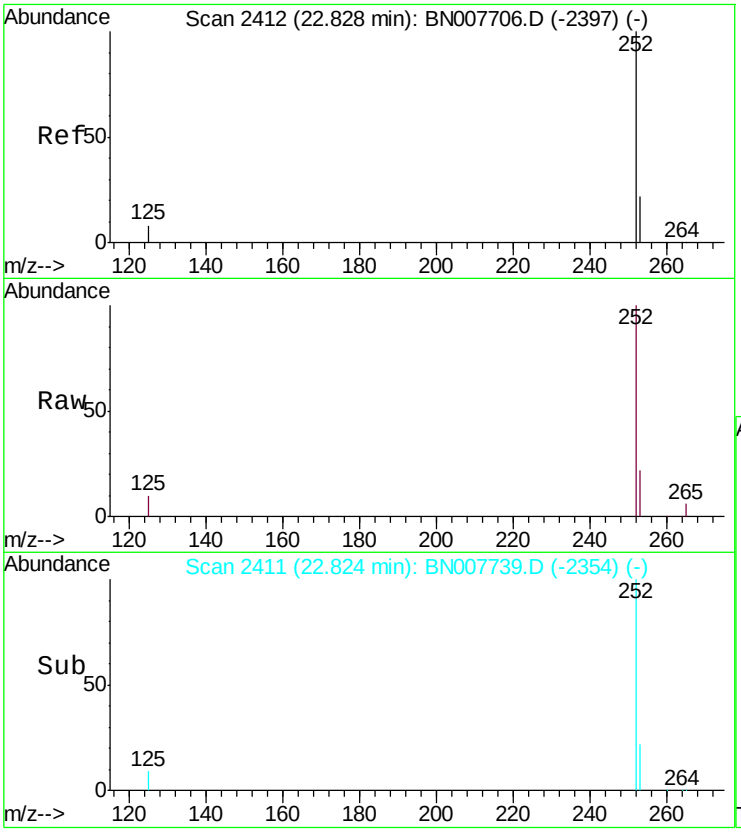


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.49 min Scan# 2605
Delta R.T. -0.00 min
Lab File: BN007739.D
Acq: 19 Sep 2019 14:01

Tgt Ion:264 Resp: 45348

Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.3	28.9
265	30.3	26.9	40.3



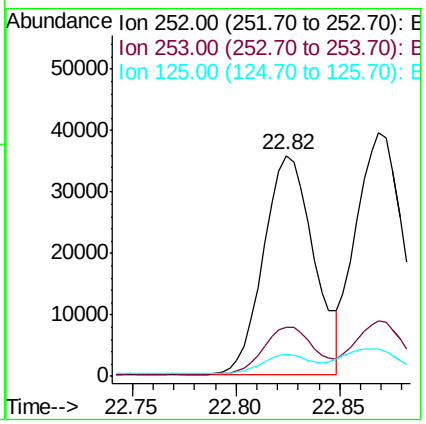


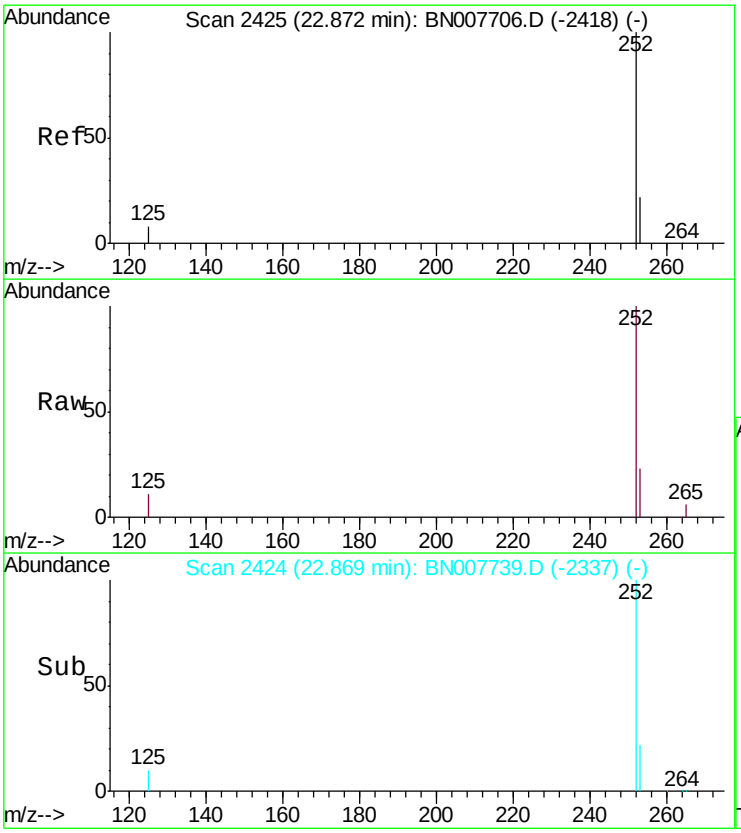
#35
Benzo(b)fluoranthene
Concen: 0.381 ng
RT: 22.82 min Scan# 2411
Delta R.T. -0.00 min
Lab File: BN007739.D
Acq: 19 Sep 2019 14:01

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:252 Resp: 59945

Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.3	27.5
125	9.8	8.2	12.4

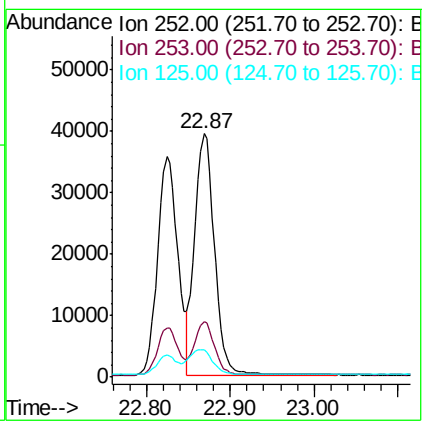


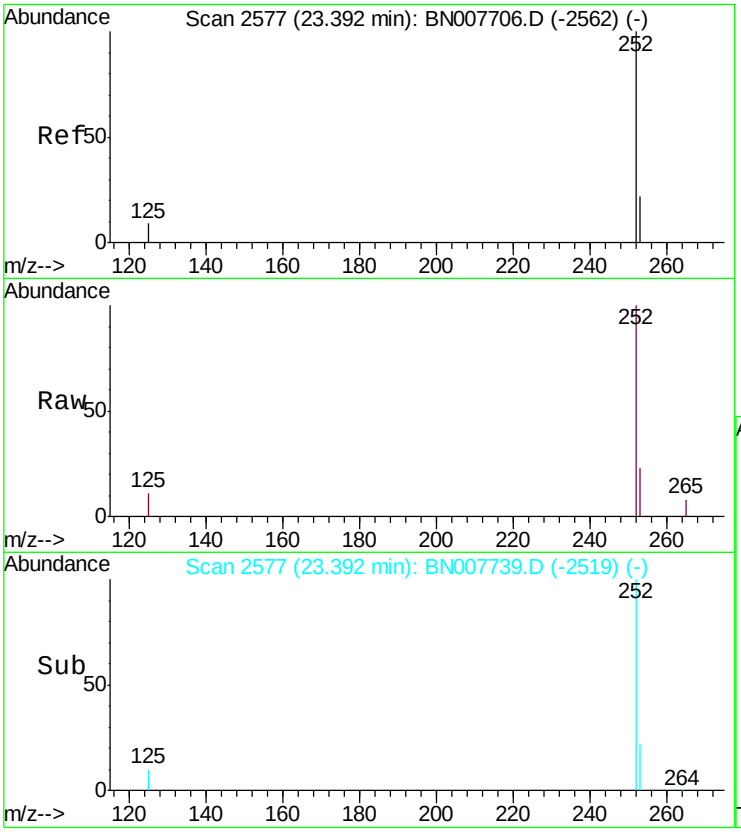


#36
Benzo(k)fluoranthene
Concen: 0.416 ng
RT: 22.87 min Scan# 2424
Delta R.T. -0.00 min
Lab File: BN007739.D
Acq: 19 Sep 2019 14:01

Tgt Ion:252 Resp: 64784

Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.5	27.7
125	11.1	8.4	12.6



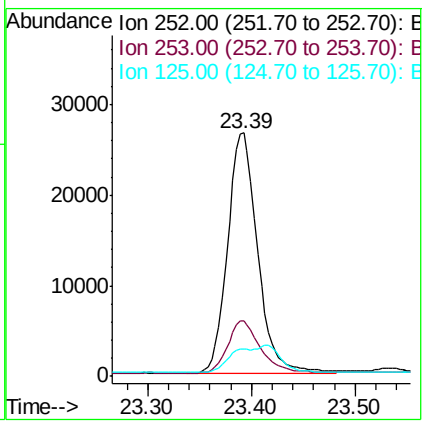


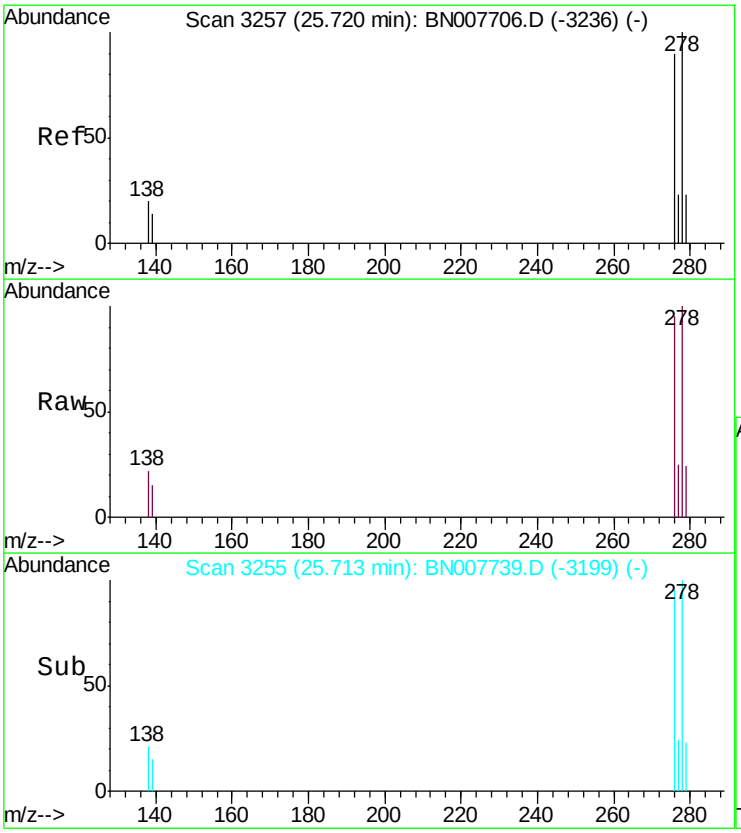
#37
Benzo(a)pyrene
Concen: 0.362 ng
RT: 23.39 min Scan# 2577
Delta R.T. -0.00 min
Lab File: BN007739.D
Acq: 19 Sep 2019 14:01

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:252 Resp: 53618

Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.6	27.8
125	11.5	9.4	14.0

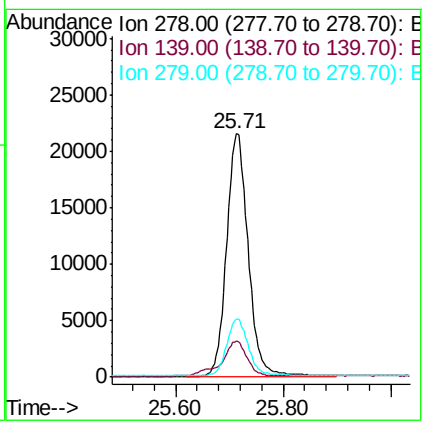


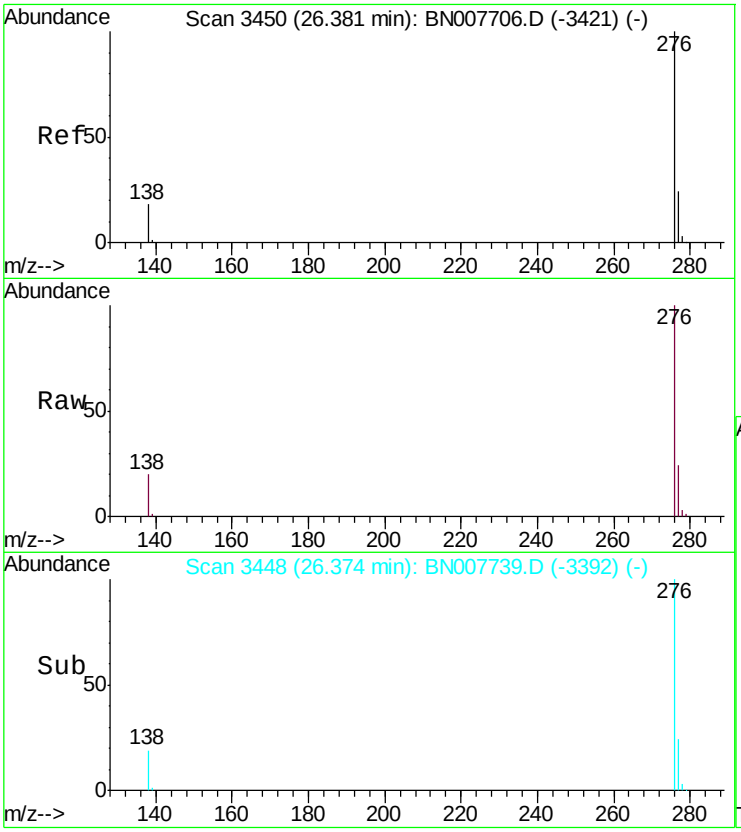


#38
Dibenzo(a,h)anthracene
Concen: 0.395 ng
RT: 25.71 min Scan# 3255
Delta R.T. -0.01 min
Lab File: BN007739.D
Acq: 19 Sep 2019 14:01

Tgt Ion:278 Resp: 59866

Ion	Ratio	Lower	Upper
278	100		
139	15.1	11.8	17.6
279	24.0	19.4	29.2





#39
Benzo(g,h,i)perylene
Concen: 0.375 ng
RT: 26.37 min Scan# 3448
Delta R.T. -0.01 min
Lab File: BN007739.D
Acq: 19 Sep 2019 14:01

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:276 Resp: 56184

Ion	Ratio	Lower	Upper
276	100		
277	24.0	19.8	29.8
138	19.5	15.1	22.7