Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091819\
Data File : BN007705.D
Acq On : 18 Sep 2019 14:49
Operator : HP/JU
Sample : SSTDICC0.2
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDICC0.2

Quant Time: Sep 18 16:47:23 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 16:39:13 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	6723	0.40	ng		0.00
7) Naphthalene-d8	10.47	136	27046	0.40	ng		0.00
13) Acenaphthene-d10	14.32	164	15646	0.40	ng		0.00
19) Phenanthrene-d10	17.07	188	38858	0.40	ng		0.00
27) Chrysene-d12	21.27	240	44821	0.40	ng		0.00
34) Perylene-d12	23.49	264	51091	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.32	112	5727	0.28	ng		0.00
5) Phenol-d6	6.87	99	9371	0.30	ng		0.00
8) Nitrobenzene-d5	8.83	82	4515	0.27	ng		0.00
11) 2-Methylnaphthalene-d10	12.06	152	8443	0.18	ng		0.00
14) 2,4,6-Tribromophenol	15.81	330	1943	0.33	ng		0.00
15) 2-Fluorobiphenyl	12.95	172	12814	0.20	ng		0.00
25) Fluoranthene-d10	19.10	212	25171	0.20	ng		0.00
29) Terphenyl-d14	19.71	244	21517	0.18	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.31	88	1146	0.162	ng	#	73
3) n-Nitrosodimethylamine	3.01	42	2052	0.511	ng		96
6) bis(2-Chloroethyl)ether	7.15	93	3311	0.250	ng		97
9) Naphthalene	10.52	128	14611	0.192	ng		99
10) Hexachlorobutadiene	10.82	225	3155	0.207	ng	#	99
12) 2-Methylnaphthalene	12.13	142	9650	0.181	ng		99
16) Acenaphthylene	14.04	152	15798	0.188	ng		99
17) Acenaphthene	14.39	154	10369	0.195	ng		100
18) Fluorene	15.38	166	13262	0.190	ng		100
20) 4-Bromophenyl-phenylether	16.27	248	4484	0.195	ng	#	90
21) Hexachlorobenzene	16.39	284	5015	0.208	ng		98
22) Pentachlorophenol	16.73	266	1786	0.266	ng		99
23) Phenanthrene	17.11	178	23210	0.194	ng		100
24) Anthracene	17.20	178	20439	0.185	ng		100
26) Fluoranthene	19.13	202	28923	0.199	ng		100
28) Pyrene	19.50	202	29565	0.184	ng		100
30) Benzo(a)anthracene	21.25	228	32228	0.201	ng		99
31) Chrysene	21.30	228	30873	0.189	ng		99
32) Bis(2-ethylhexyl)phthalate	21.20	149	16060	0.293	ng		100
33) Indeno(1,2,3-cd)pyrene	25.71	276	41168	0.239	ng		99
35) Benzo(b)fluoranthene	22.83	252	34609	0.191	ng		98
36) Benzo(k)fluoranthene	22.83	252	34609	0.193	ng		98
37) Benzo(a)pyrene	23.39	252	32410	0.201	ng		96
38) Dibenzo(a,h)anthracene	25.72	278	33683	0.208	ng		98
39) Benzo(g,h,i)perylene	26.38	276	33108	0.202	ng		98

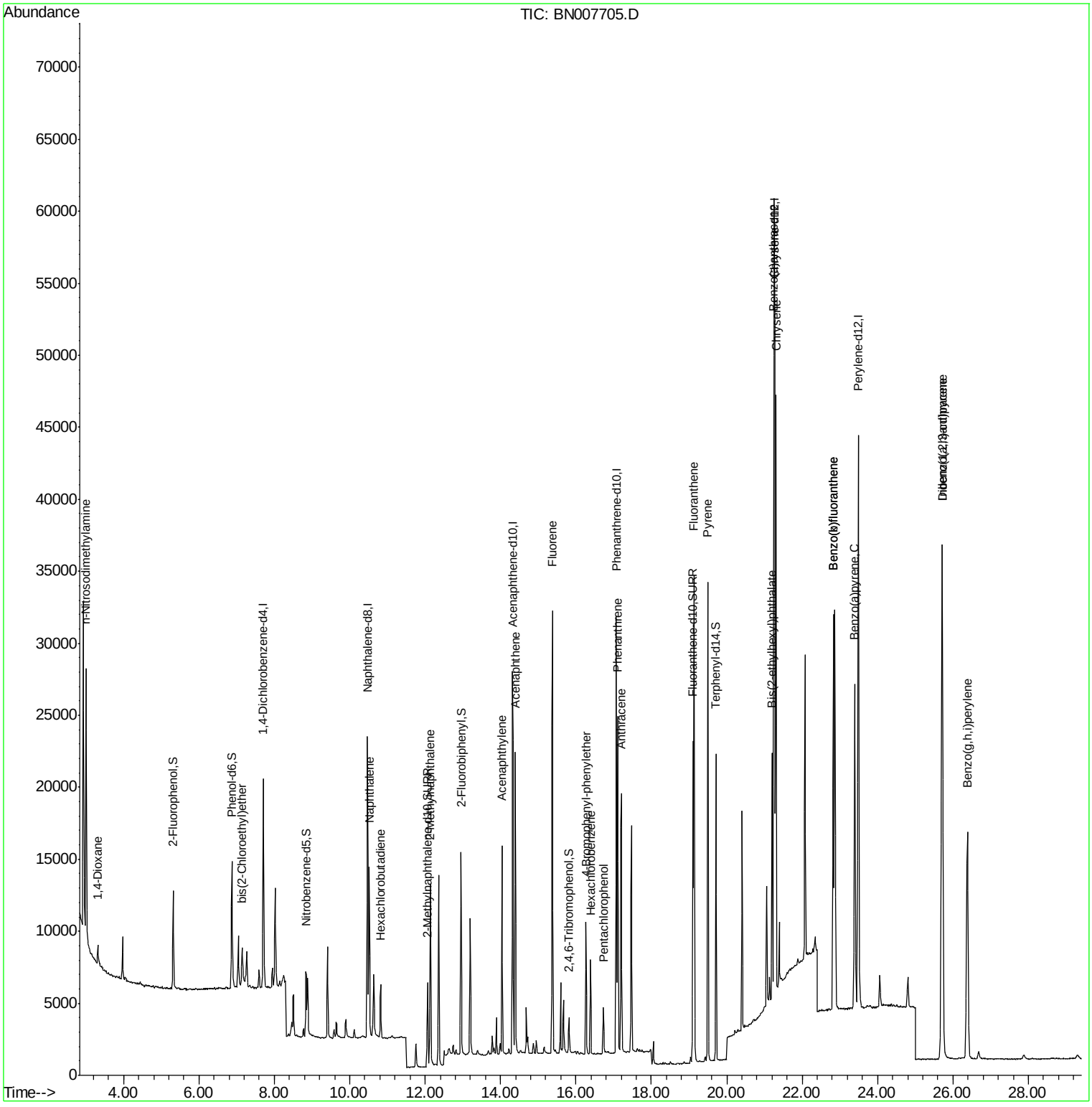
(#) = qualifier out of range (m) = manual integration (+) = signals summed

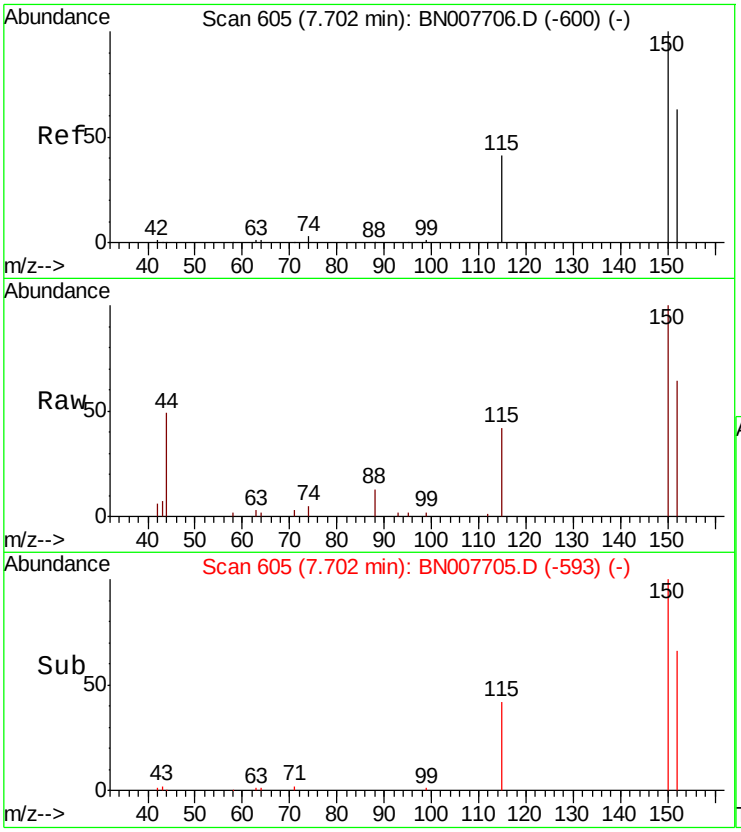
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091819\
Data File : BN007705.D
Acq On : 18 Sep 2019 14:49
Operator : HP/JU
Sample : SSTDICC0.2
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDICC0.2

Quant Time: Sep 18 16:47:23 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 16:39:13 2019
Response via : Initial Calibration



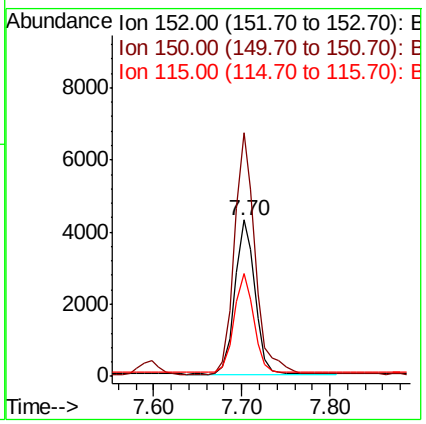


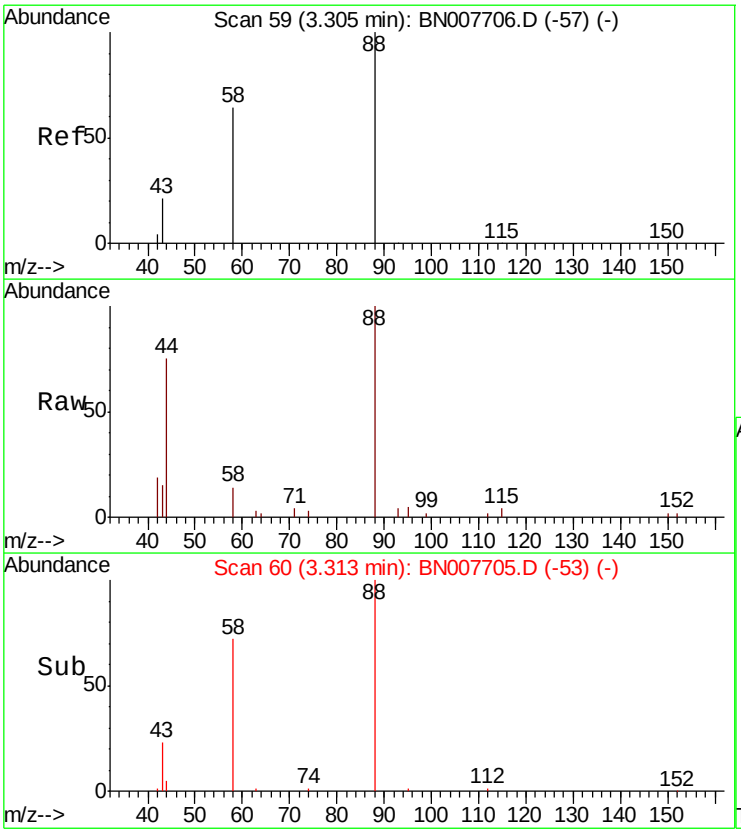
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.70 min Scan# 605
Delta R.T. 0.00 min
Lab File: BN007705.D
Acq: 18 Sep 2019 14:49

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:152 Resp: 6723

Ion	Ratio	Lower	Upper
152	100		
150	156.1	125.6	188.4
115	65.6	53.3	79.9

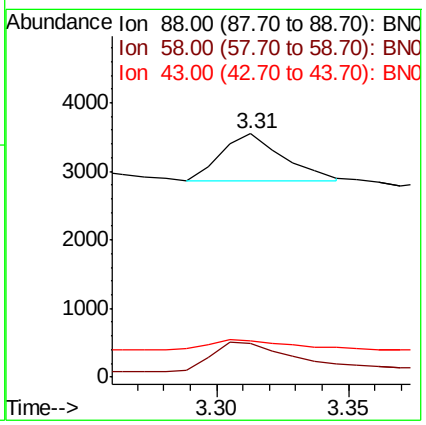


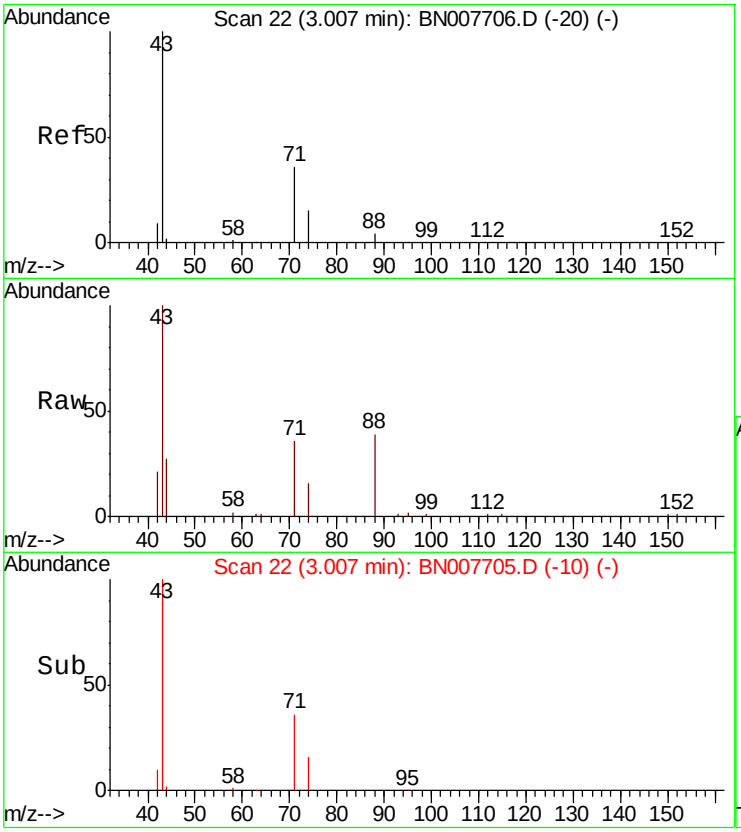


#2
1,4-Dioxane
Concen: 0.162 ng
RT: 3.31 min Scan# 60
Delta R.T. 0.01 min
Lab File: BN007705.D
Acq: 18 Sep 2019 14:49

Tgt Ion: 88 Resp: 1146

Ion	Ratio	Lower	Upper
88	100		
58	77.9	44.6	66.8#
43	25.8	14.4	21.6#



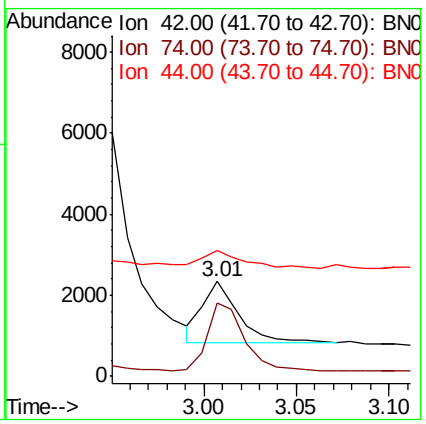


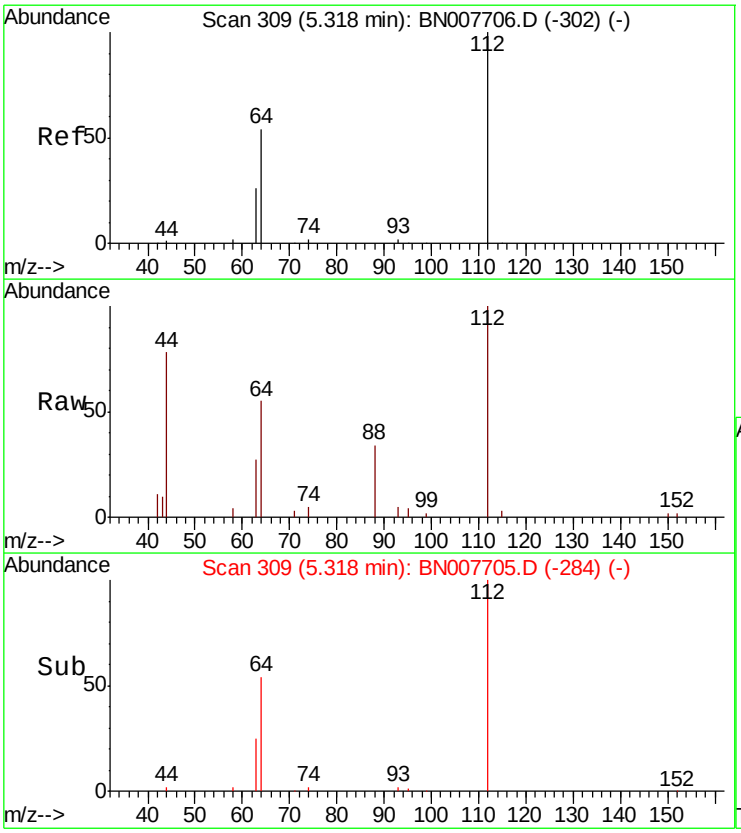
#3
n-Nitrosodimethylamine
Concen: 0.511 ng
RT: 3.01 min Scan# 22
Delta R.T. 0.00 min
Lab File: BN007705.D
Acq: 18 Sep 2019 14:49

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion: 42 Resp: 2052

Ion	Ratio	Lower	Upper
42	100		
74	112.8	87.9	131.9
44	32.4	29.4	44.0

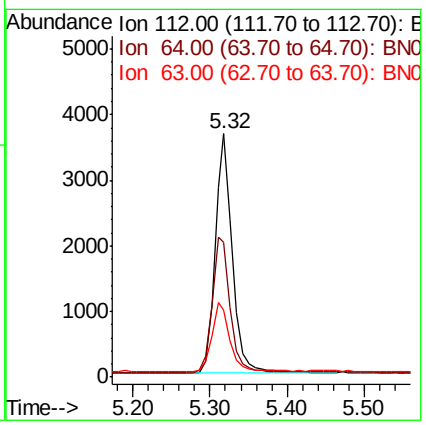


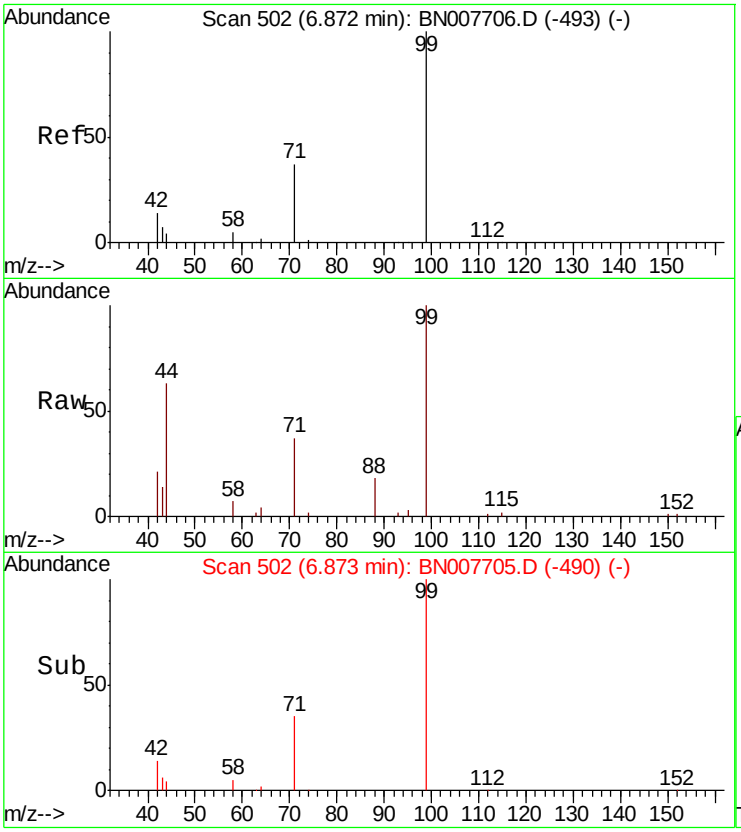


#4
2-Fluorophenol
Concen: 0.280 ng
RT: 5.32 min Scan# 309
Delta R.T. 0.00 min
Lab File: BN007705.D
Acq: 18 Sep 2019 14:49

Tgt Ion:112 Resp: 5727

Ion	Ratio	Lower	Upper
112	100		
64	59.6	46.6	70.0
63	29.2	23.1	34.7



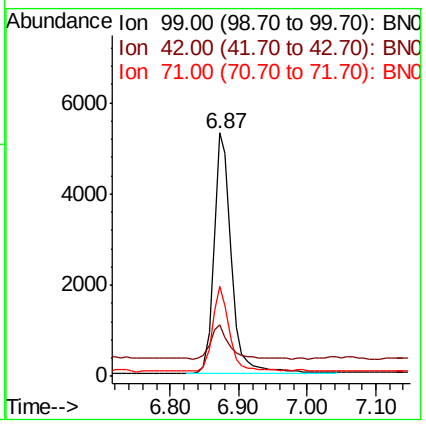


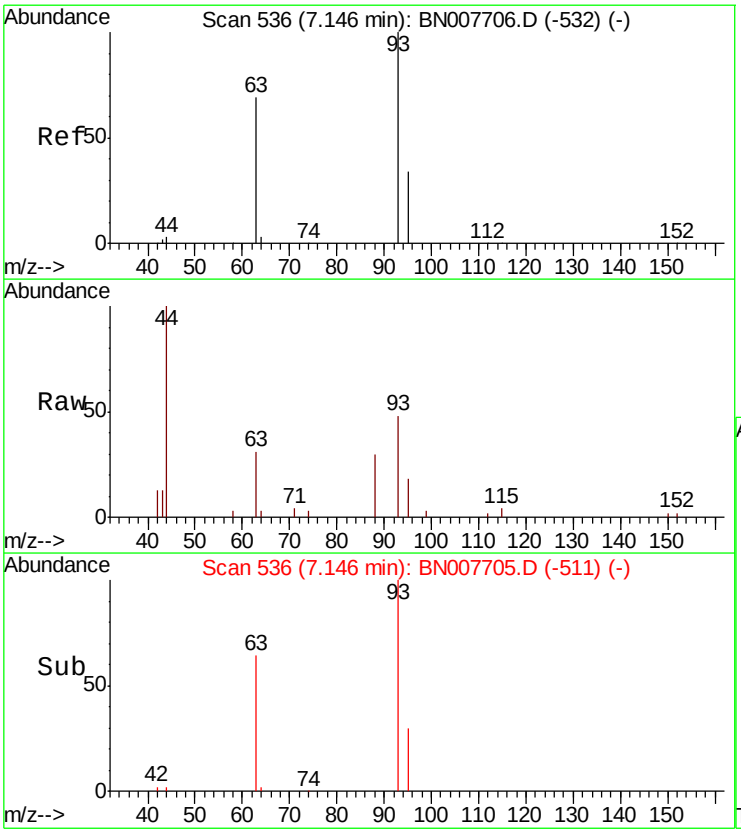
#5
Phenol-d6
Concen: 0.298 ng
RT: 6.87 min Scan# 502
Delta R.T. 0.00 min
Lab File: BN007705.D
Acq: 18 Sep 2019 14:49

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion: 99 Resp: 9371

Ion	Ratio	Lower	Upper
99	100		
42	14.4	12.8	19.2
71	34.2	27.6	41.4

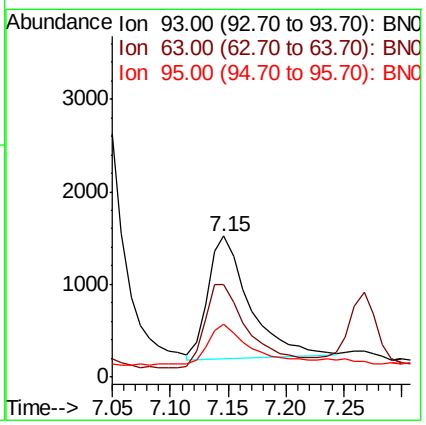


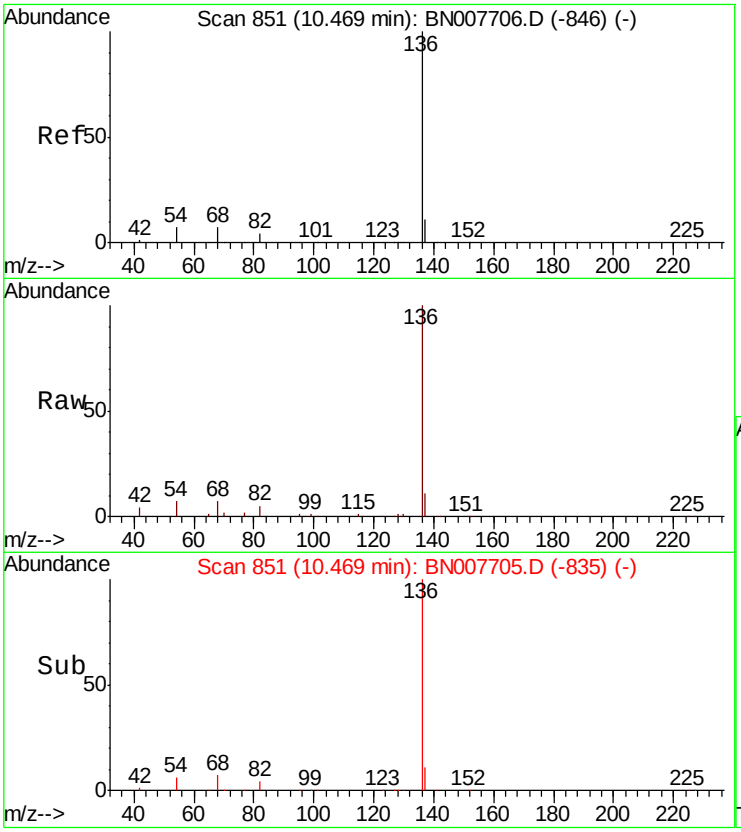


#6
bis(2-Chloroethyl)ether
Concen: 0.250 ng
RT: 7.15 min Scan# 536
Delta R.T. 0.00 min
Lab File: BN007705.D
Acq: 18 Sep 2019 14:49

Tgt Ion: 93 Resp: 3311

Ion	Ratio	Lower	Upper
93	100		
63	76.1	59.3	88.9
95	35.9	31.4	47.0



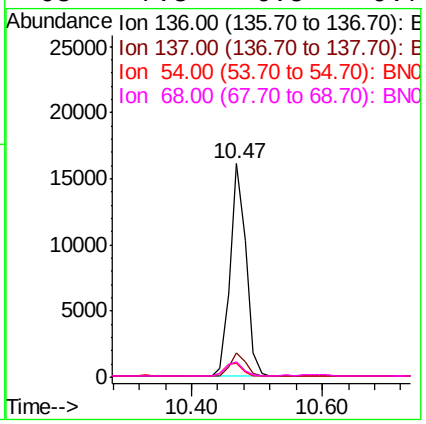


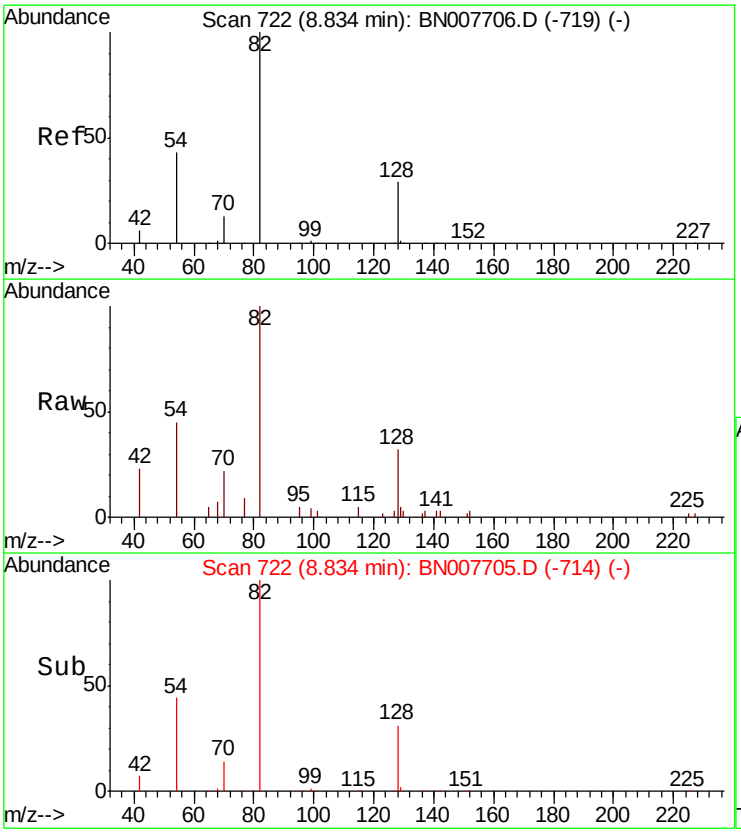
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.47 min Scan# 851
Delta R.T. 0.00 min
Lab File: BN007705.D
Acq: 18 Sep 2019 14:49

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:136 Resp: 27046

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.2	13.8
54	6.8	5.8	8.8
68	7.3	6.5	9.7

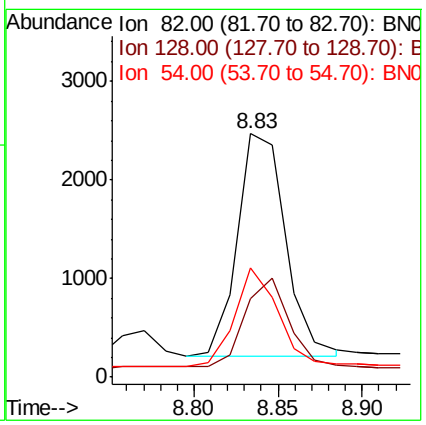


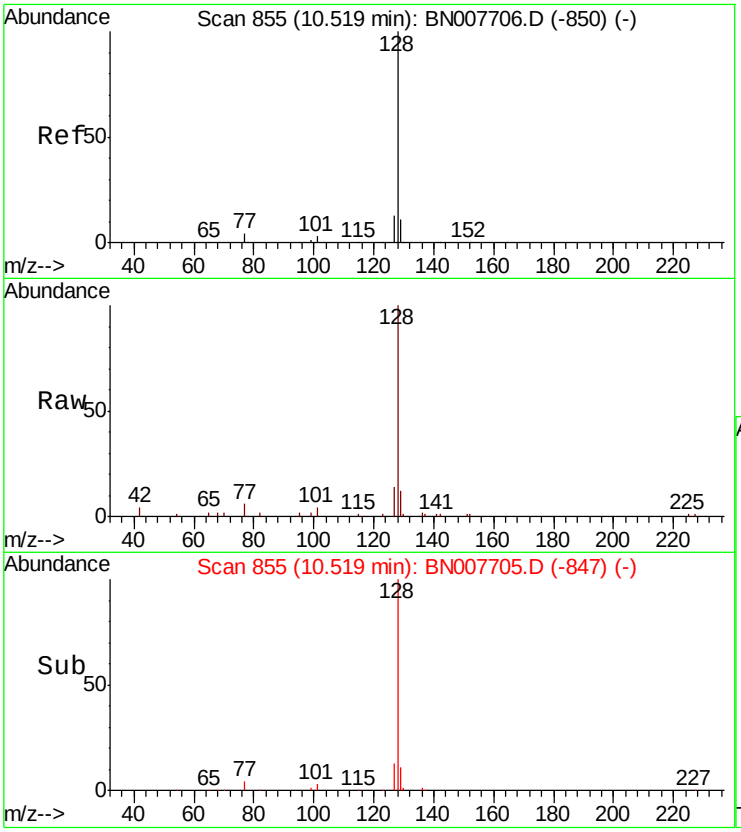


#8
Nitrobenzene-d5
Concen: 0.274 ng
RT: 8.83 min Scan# 722
Delta R.T. 0.00 min
Lab File: BN007705.D
Acq: 18 Sep 2019 14:49

Tgt Ion: 82 Resp: 4515

Ion	Ratio	Lower	Upper
82	100		
128	32.1	24.5	36.7
54	44.8	35.2	52.8



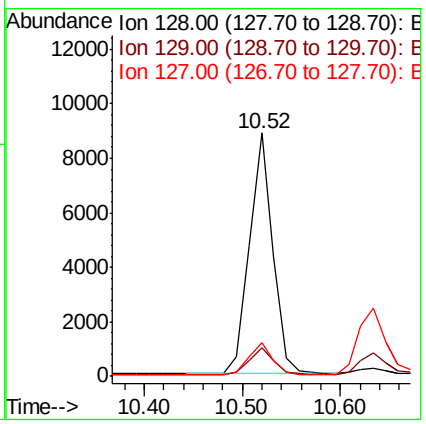


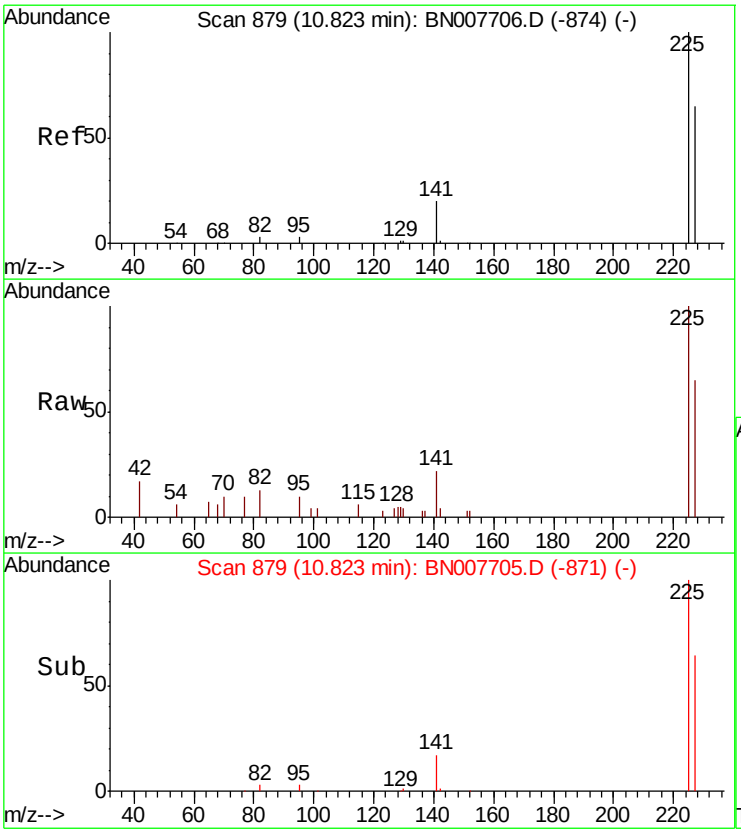
#9
Naphthalene
Concen: 0.192 ng
RT: 10.52 min Scan# 855
Delta R.T. 0.00 min
Lab File: BN007705.D
Acq: 18 Sep 2019 14:49

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:128 Resp: 14611

Ion	Ratio	Lower	Upper
128	100		
129	11.5	9.1	13.7
127	13.7	10.6	15.8

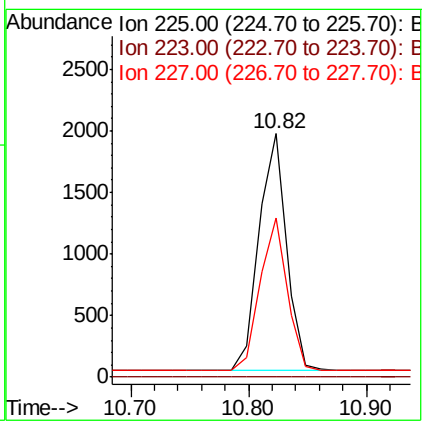


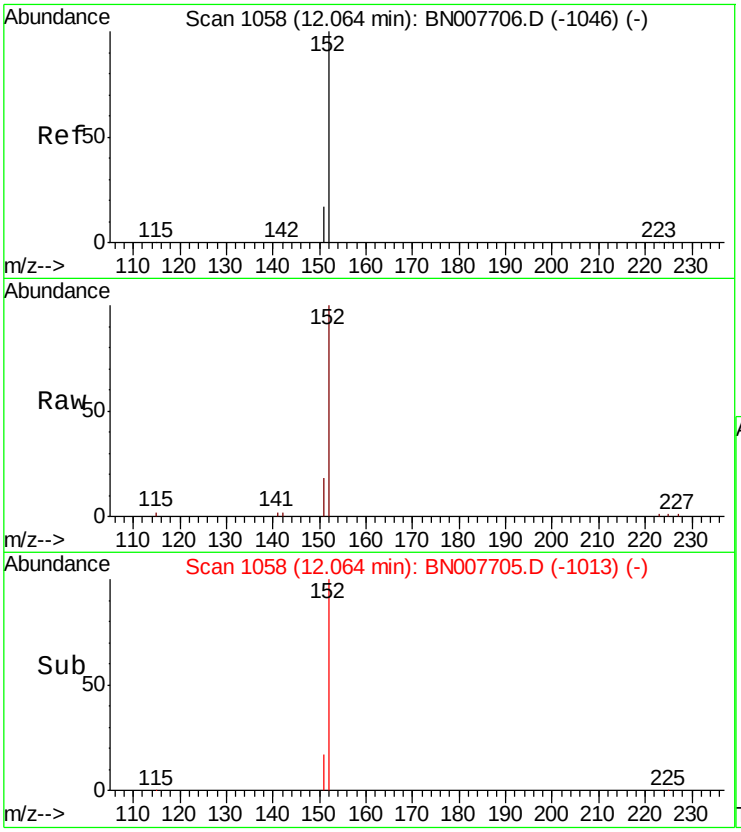


#10
Hexachlorobutadiene
Concen: 0.207 ng
RT: 10.82 min Scan# 879
Delta R.T. 0.00 min
Lab File: BN007705.D
Acq: 18 Sep 2019 14:49

Tgt Ion:225 Resp: 3155

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.5	51.2	76.8



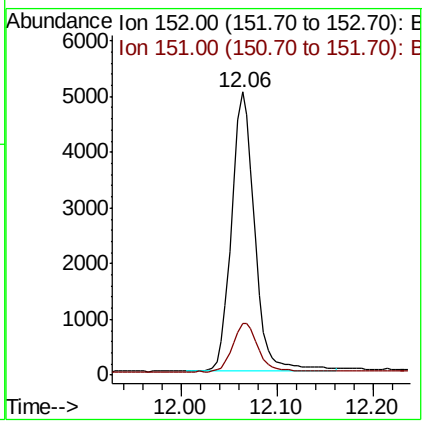


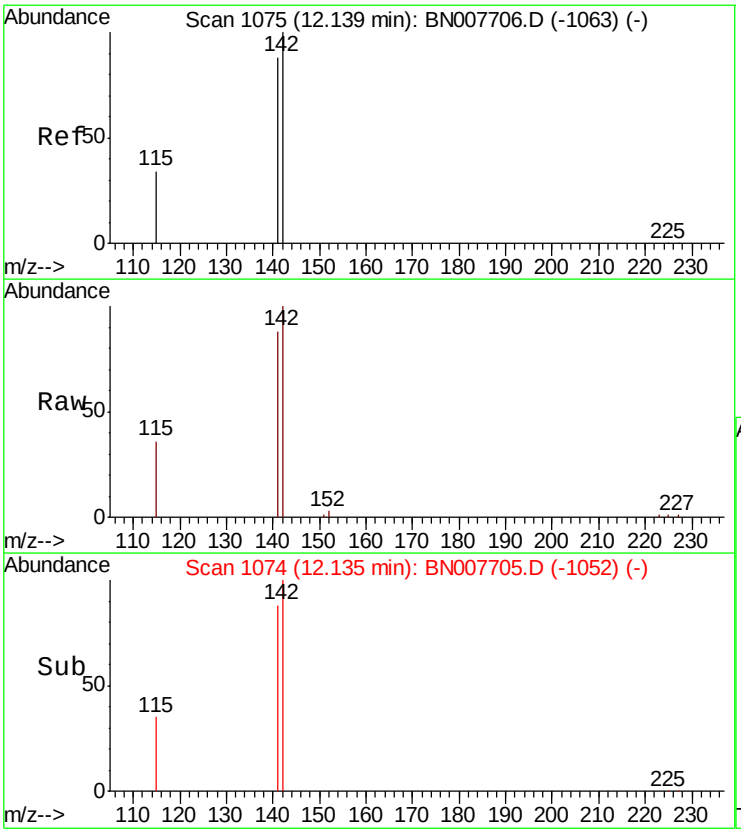
#11
2-Methylnaphthalene-d10
Concen: 0.181 ng
RT: 12.06 min Scan# 1058
Delta R.T. 0.00 min
Lab File: BN007705.D
Acq: 18 Sep 2019 14:49

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:152 Resp: 8443

Ion	Ratio	Lower	Upper
152	100		
151	19.1	15.4	23.2

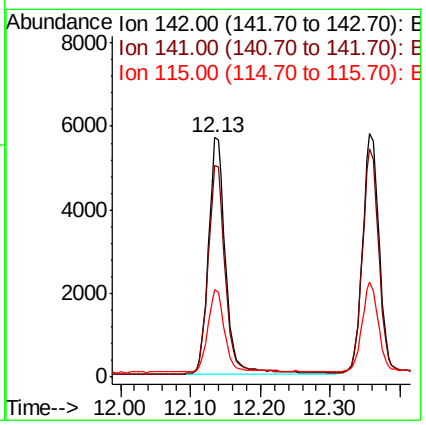


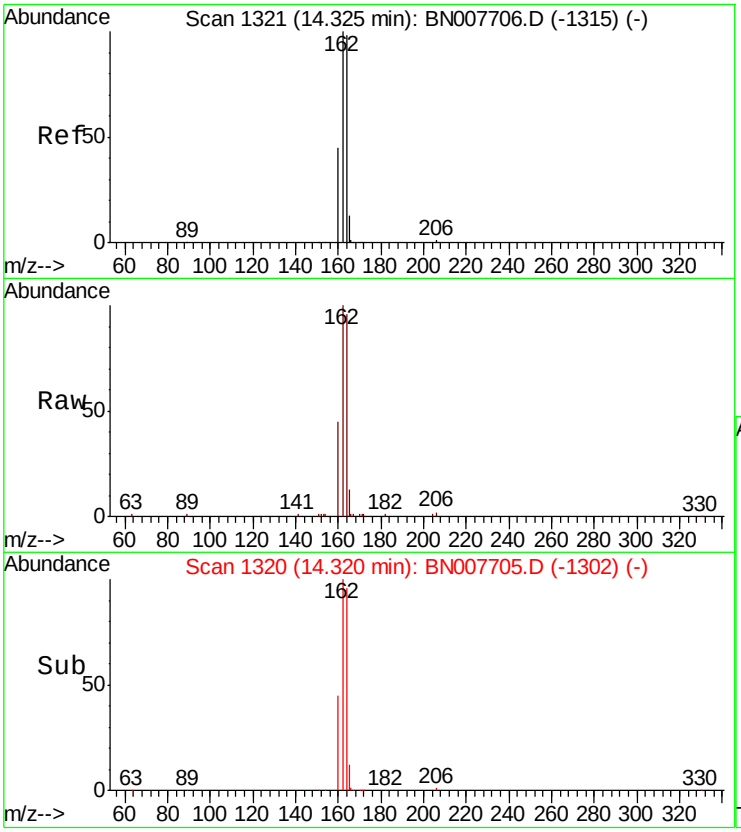


#12
2-Methylnaphthalene
Concen: 0.181 ng
RT: 12.13 min Scan# 1074
Delta R.T. -0.00 min
Lab File: BN007705.D
Acq: 18 Sep 2019 14:49

Tgt Ion:142 Resp: 9650

Ion	Ratio	Lower	Upper
142	100		
141	88.1	70.6	106.0
115	36.5	28.3	42.5



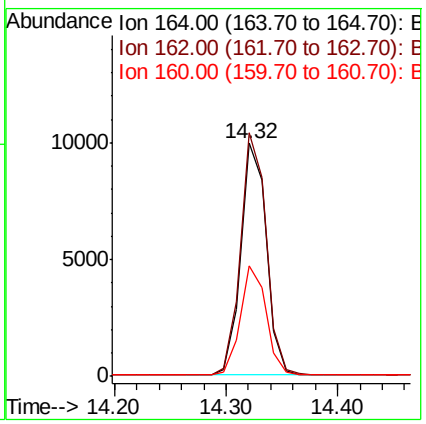


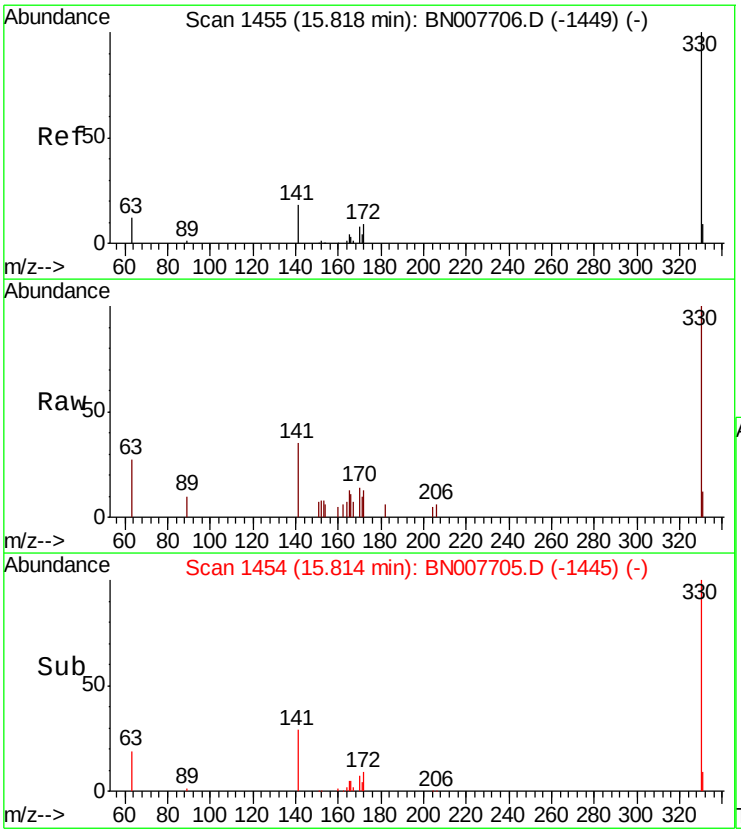
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.32 min Scan# 1320
Delta R.T. -0.00 min
Lab File: BN007705.D
Acq: 18 Sep 2019 14:49

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:164 Resp: 15646

Ion	Ratio	Lower	Upper
164	100		
162	104.5	81.7	122.5
160	47.3	37.0	55.4

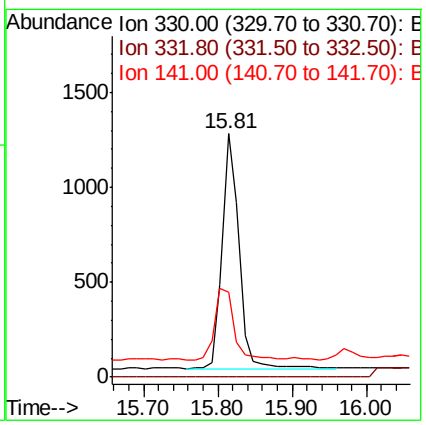


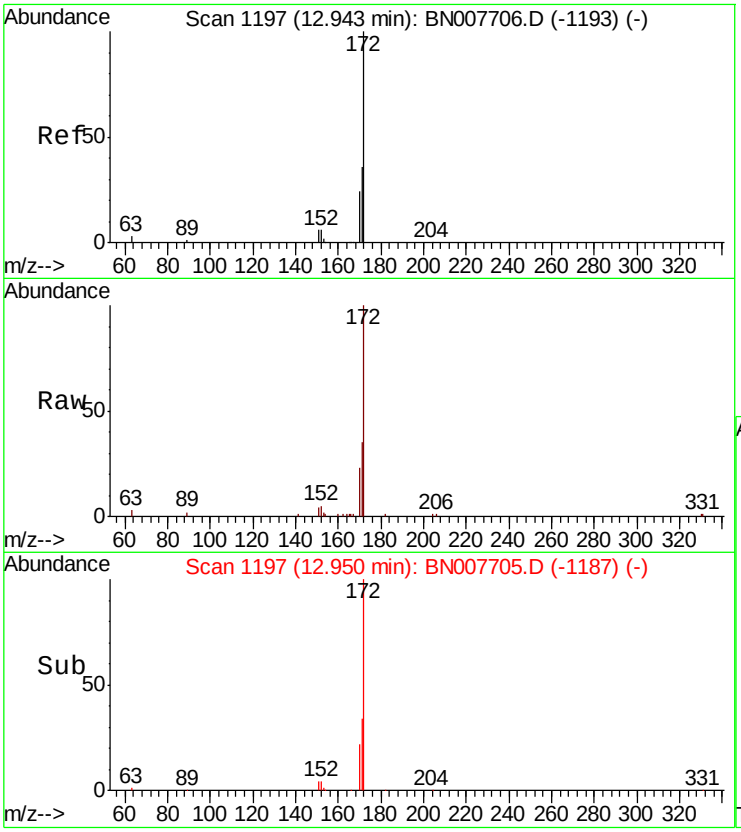


#14
2,4,6-Tribromophenol
Concen: 0.327 ng
RT: 15.81 min Scan# 1454
Delta R.T. -0.00 min
Lab File: BN007705.D
Acq: 18 Sep 2019 14:49

Tgt Ion:330 Resp: 1943

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	35.2	28.7	43.1



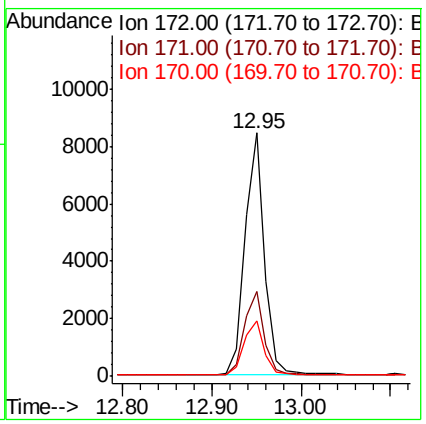


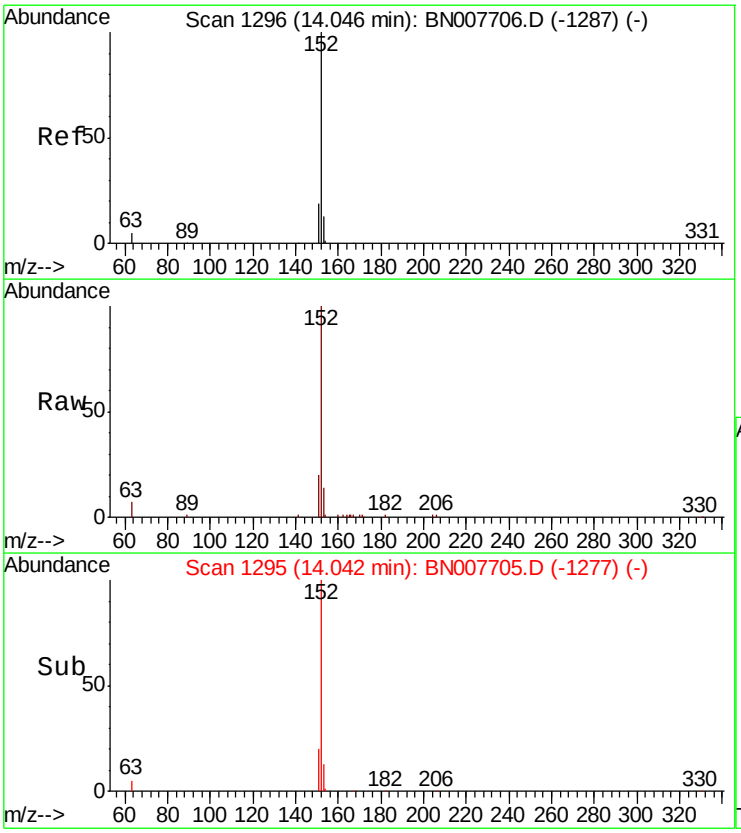
#15
2-Fluorobiphenyl
Concen: 0.198 ng
RT: 12.95 min Scan# 1197
Delta R.T. 0.01 min
Lab File: BN007705.D
Acq: 18 Sep 2019 14:49

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:172 Resp: 12814

Ion	Ratio	Lower	Upper
172	100		
171	34.7	28.8	43.2
170	22.7	19.5	29.3

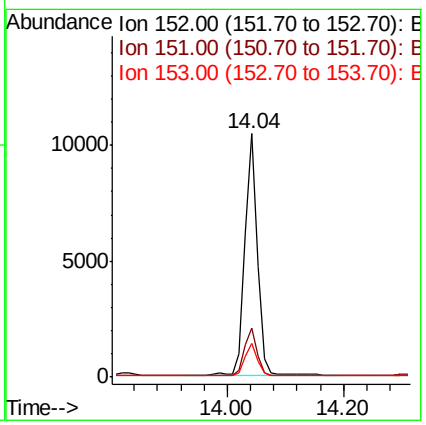


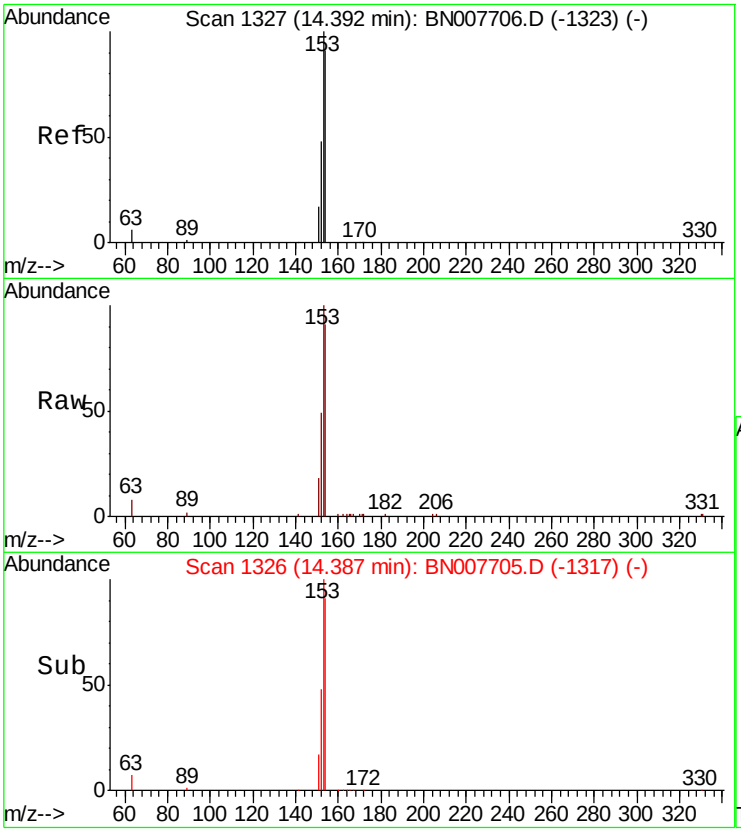


#16
Acenaphthylene
Concen: 0.188 ng
RT: 14.04 min Scan# 1295
Delta R.T. -0.00 min
Lab File: BN007705.D
Acq: 18 Sep 2019 14:49

Tgt Ion:152 Resp: 15798

Ion	Ratio	Lower	Upper
152	100		
151	19.7	15.5	23.3
153	13.4	10.4	15.6



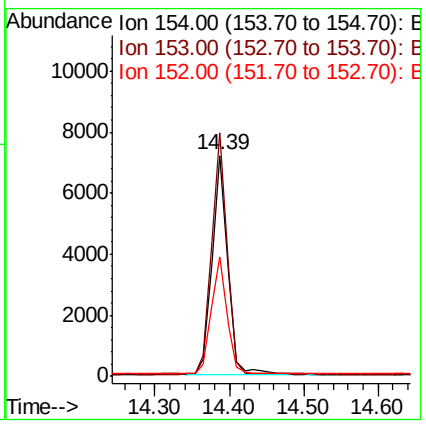


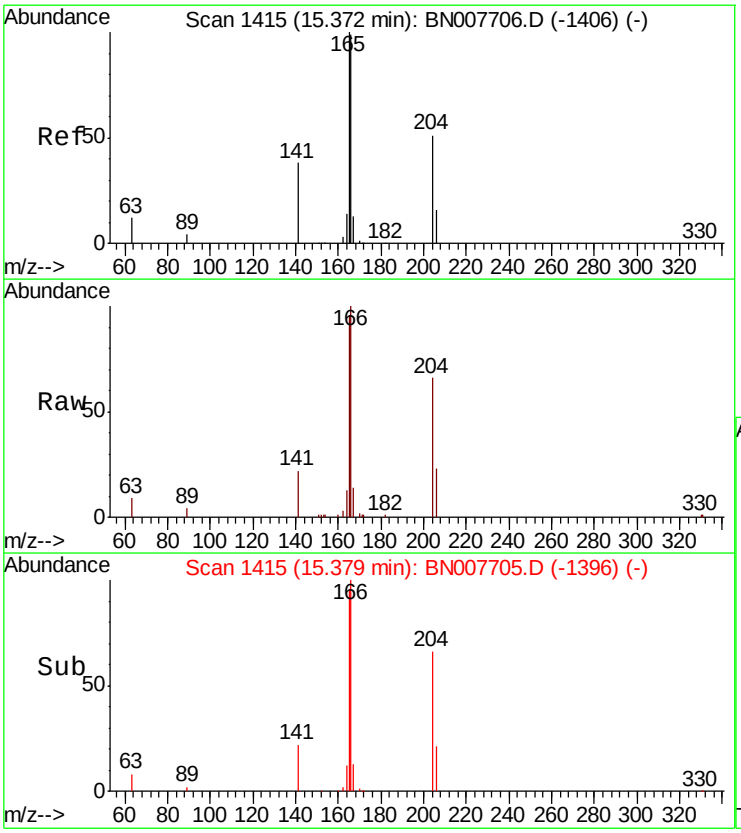
#17
Acenaphthene
Concen: 0.195 ng
RT: 14.39 min Scan# 1326
Delta R.T. -0.00 min
Lab File: BN007705.D
Acq: 18 Sep 2019 14:49

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:154 Resp: 10369

Ion	Ratio	Lower	Upper
154	100		
153	109.2	87.0	130.4
152	53.6	42.7	64.1

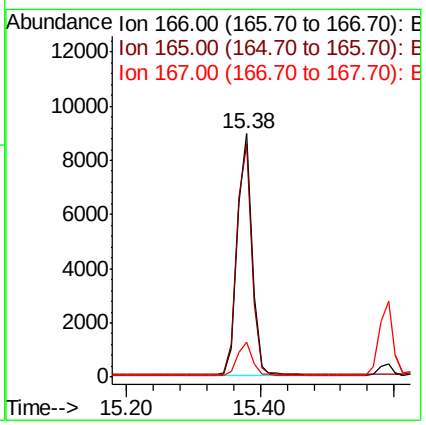


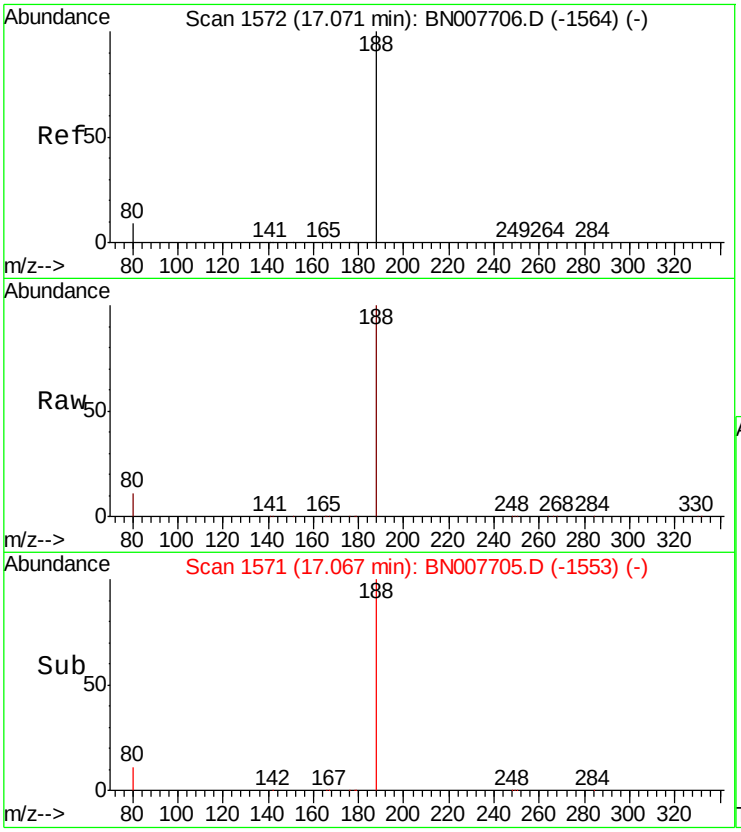


#18
Fluorene
Concen: 0.190 ng
RT: 15.38 min Scan# 1415
Delta R.T. 0.01 min
Lab File: BN007705.D
Acq: 18 Sep 2019 14:49

Tgt Ion:166 Resp: 13262

Ion	Ratio	Lower	Upper
166	100		
165	97.4	78.0	117.0
167	13.5	10.9	16.3



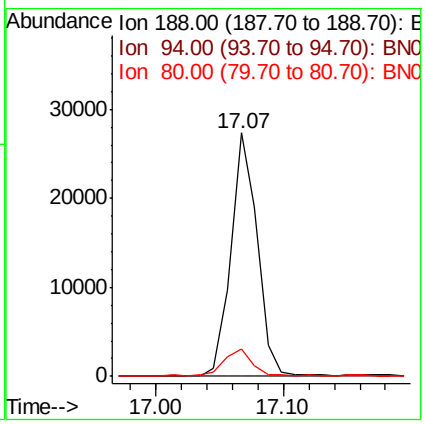


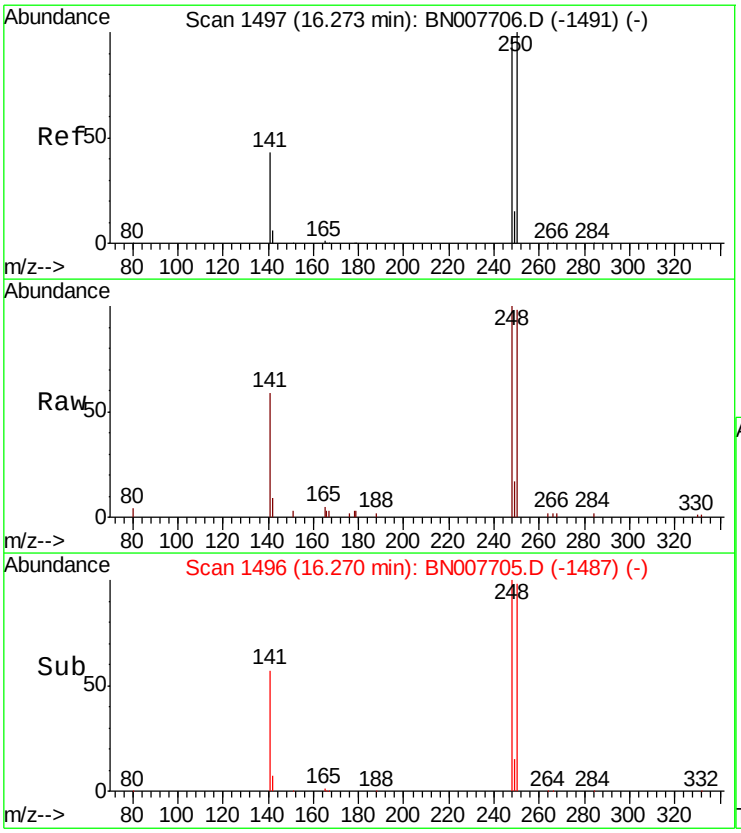
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.07 min Scan# 1571
Delta R.T. -0.00 min
Lab File: BN007705.D
Acq: 18 Sep 2019 14:49

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:188 Resp: 38858

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

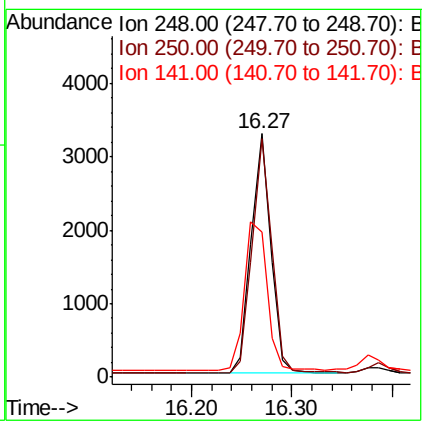


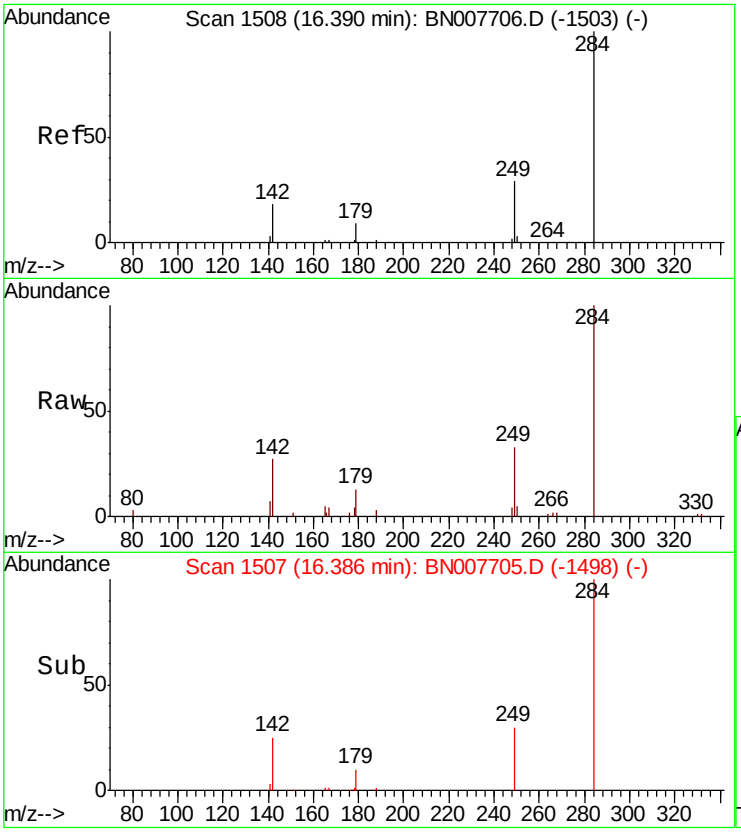


#20
4-Bromophenyl-phenylether
Concen: 0.195 ng
RT: 16.27 min Scan# 1496
Delta R.T. -0.00 min
Lab File: BN007705.D
Acq: 18 Sep 2019 14:49

Tgt Ion:248 Resp: 4484

Ion	Ratio	Lower	Upper
248	100		
250	98.1	82.2	123.4
141	59.4	36.3	54.5#



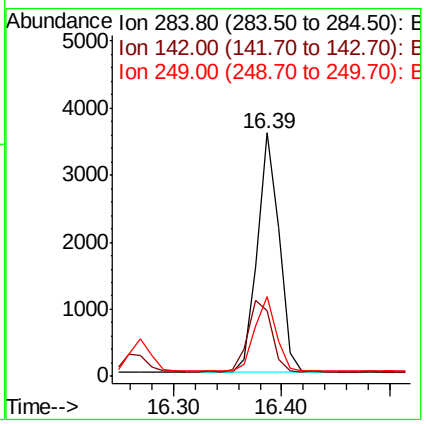


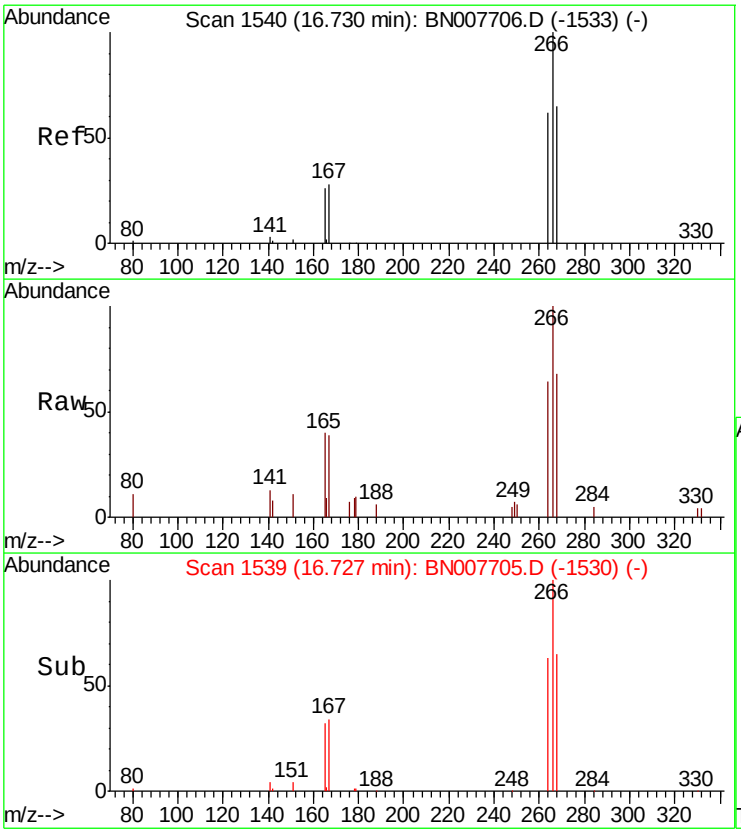
#21
Hexachlorobenzene
Concen: 0.208 ng
RT: 16.39 min Scan# 1507
Delta R.T. -0.00 min
Lab File: BN007705.D
Acq: 18 Sep 2019 14:49

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:284 Resp: 5015

Ion	Ratio	Lower	Upper
284	100		
142	32.6	25.8	38.6
249	30.7	25.9	38.9

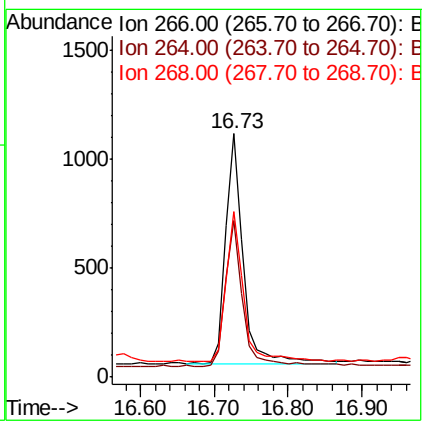


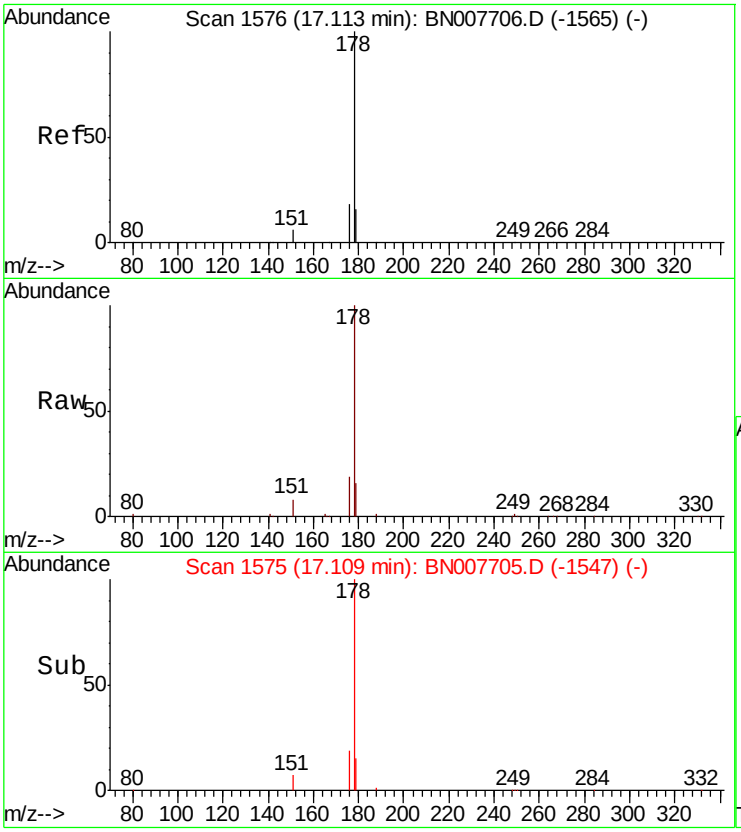


#22
Pentachlorophenol
Concen: 0.266 ng
RT: 16.73 min Scan# 1539
Delta R.T. -0.00 min
Lab File: BN007705.D
Acq: 18 Sep 2019 14:49

Tgt Ion:266 Resp: 1786

Ion	Ratio	Lower	Upper
266	100		
264	64.2	50.0	75.0
268	68.1	54.2	81.4



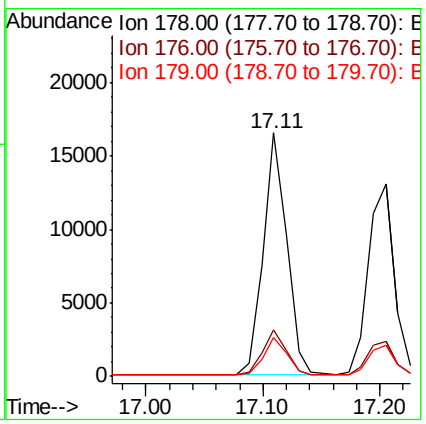


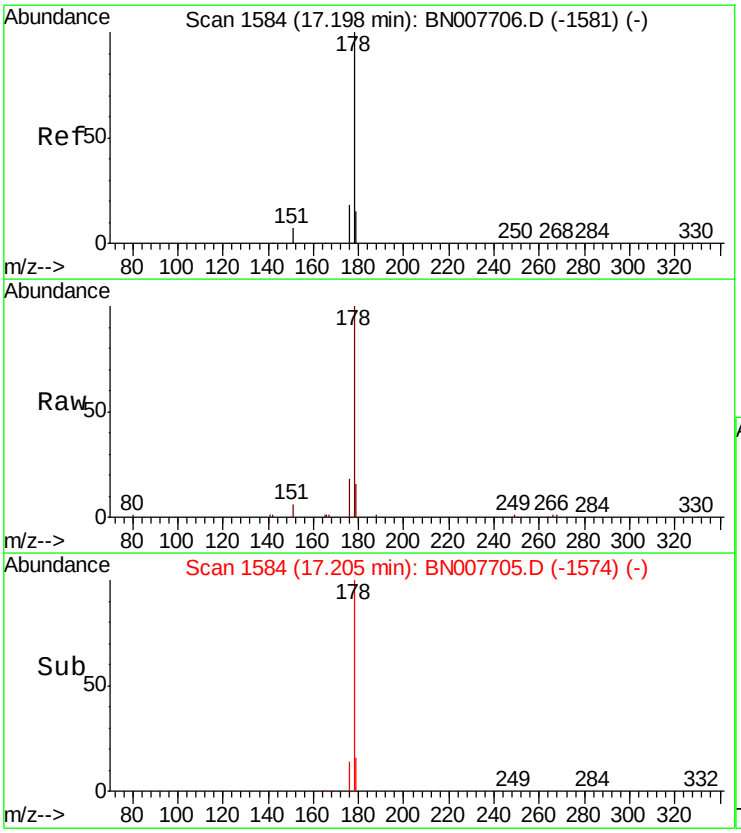
#23
Phenanthrene
Concen: 0.194 ng
RT: 17.11 min Scan# 1575
Delta R.T. -0.00 min
Lab File: BN007705.D
Acq: 18 Sep 2019 14:49

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:178 Resp: 23210

Ion	Ratio	Lower	Upper
178	100		
176	18.6	14.9	22.3
179	15.5	12.5	18.7

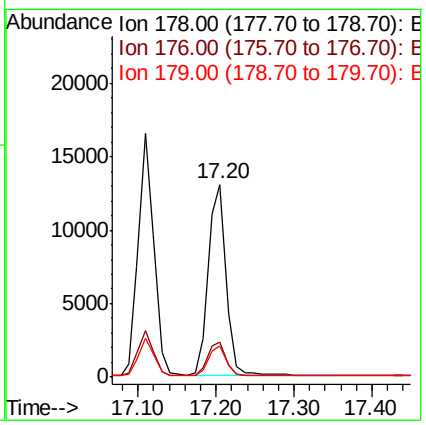


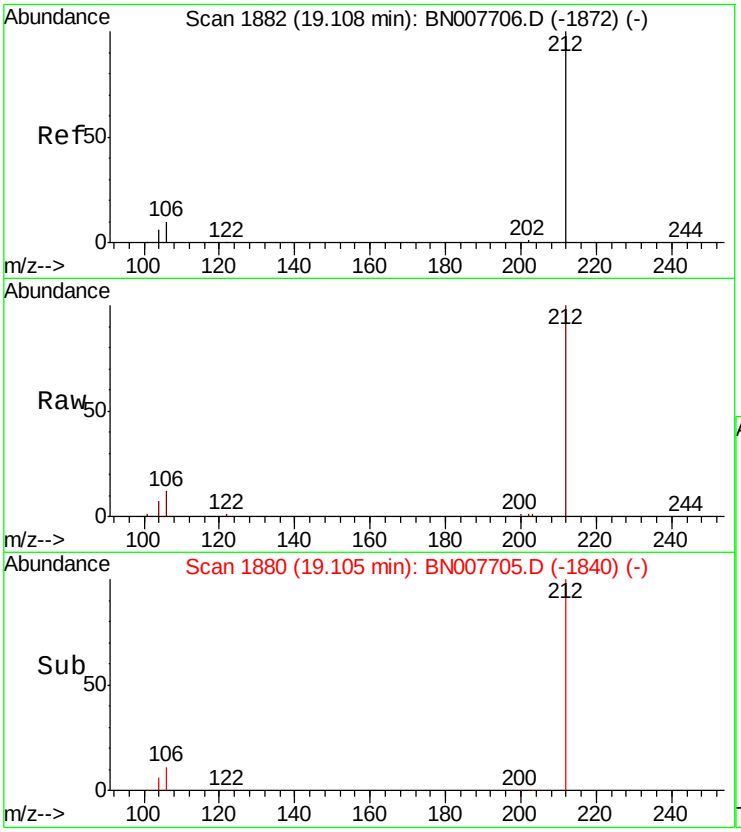


#24
Anthracene
Concen: 0.185 ng
RT: 17.20 min Scan# 1584
Delta R.T. 0.01 min
Lab File: BN007705.D
Acq: 18 Sep 2019 14:49

Tgt Ion:178 Resp: 20439

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



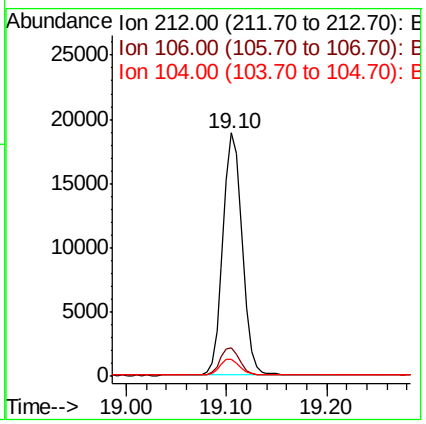


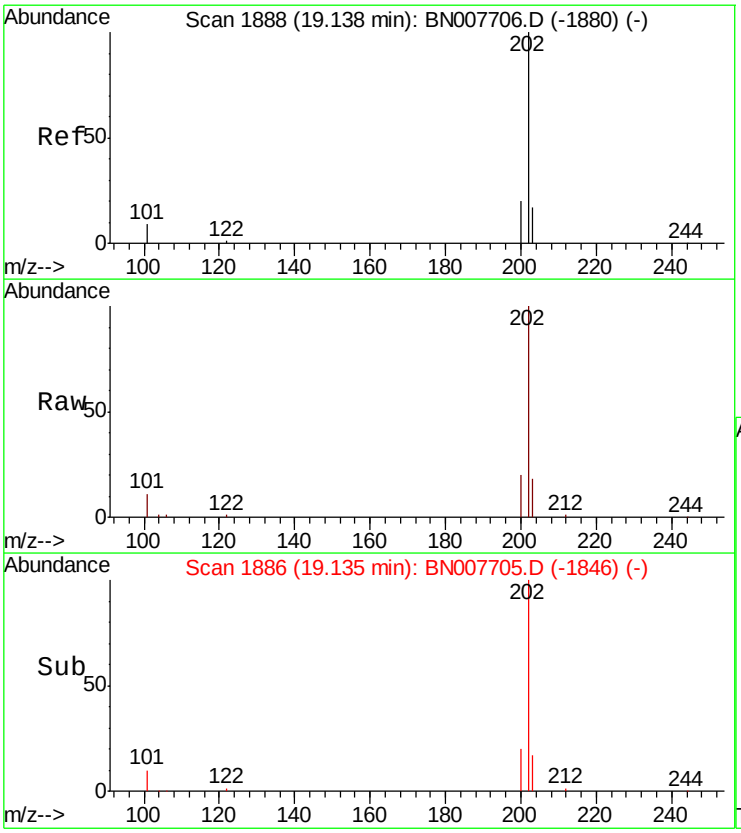
#25
Fluoranthene-d10
Concen: 0.199 ng
RT: 19.10 min Scan# 1880
Delta R.T. -0.00 min
Lab File: BN007705.D
Acq: 18 Sep 2019 14:49

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:212 Resp: 25171

Ion	Ratio	Lower	Upper
212	100		
106	11.7	9.4	14.0
104	6.5	5.3	7.9

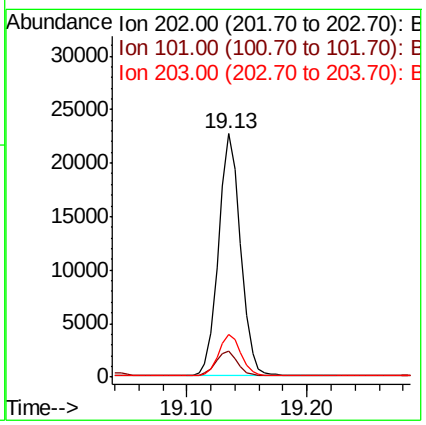


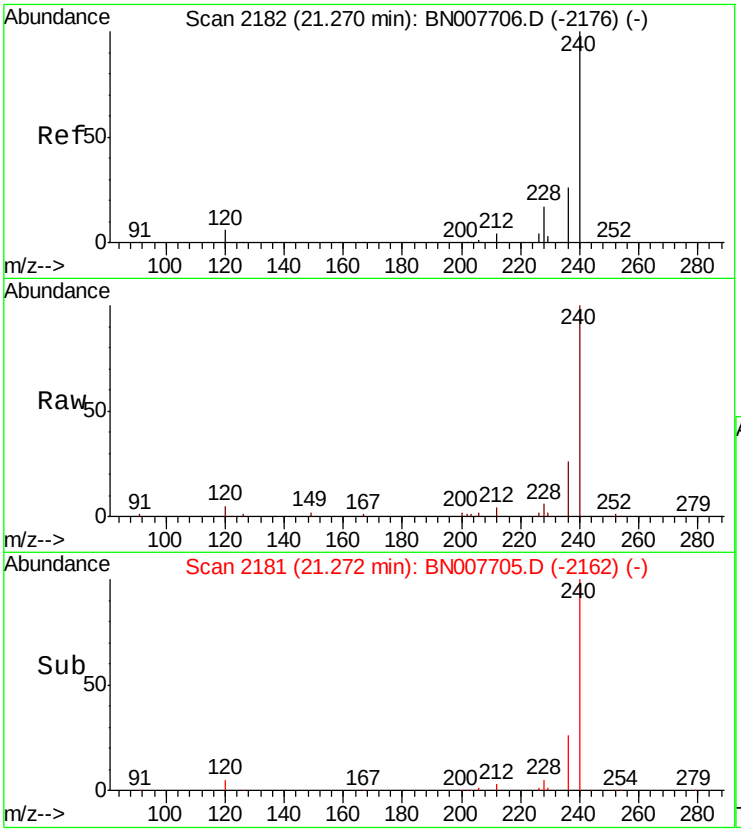


#26
Fluoranthene
Concen: 0.199 ng
RT: 19.13 min Scan# 1886
Delta R.T. -0.00 min
Lab File: BN007705.D
Acq: 18 Sep 2019 14:49

Tgt Ion:202 Resp: 28923

Ion	Ratio	Lower	Upper
202	100		
101	10.4	8.4	12.6
203	17.3	13.8	20.8



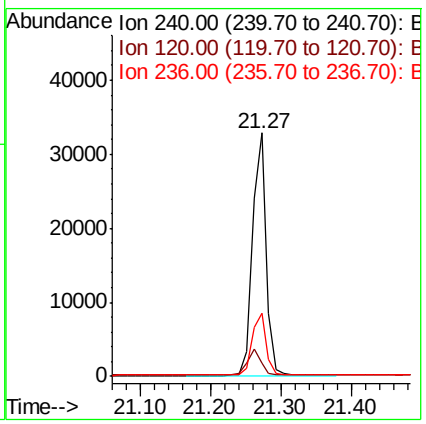


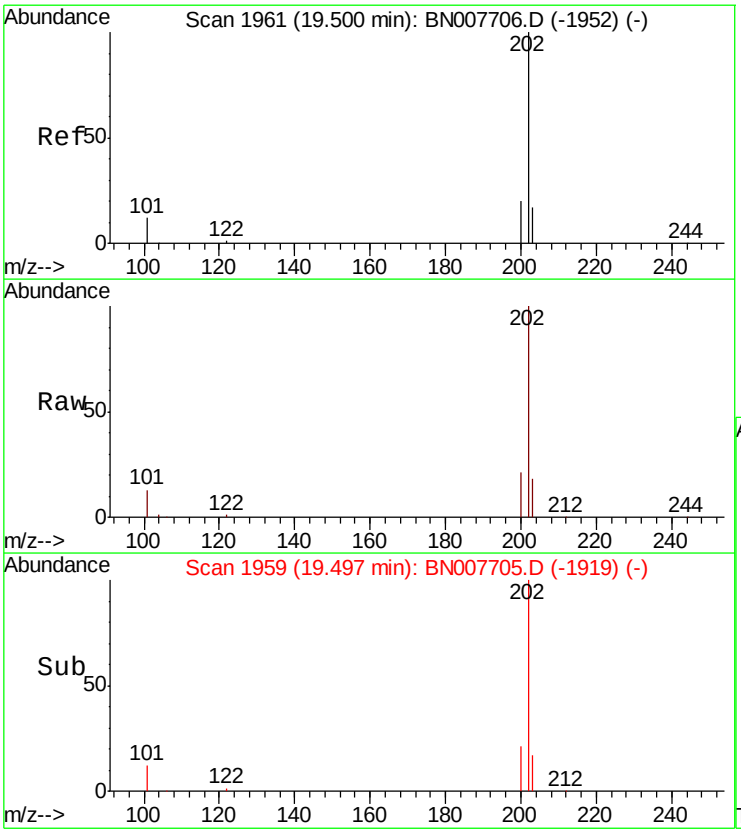
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.27 min Scan# 2181
Delta R.T. 0.00 min
Lab File: BN007705.D
Acq: 18 Sep 2019 14:49

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:240 Resp: 44821

Ion	Ratio	Lower	Upper
240	100		
120	5.3	5.4	8.2#
236	26.1	21.0	31.4

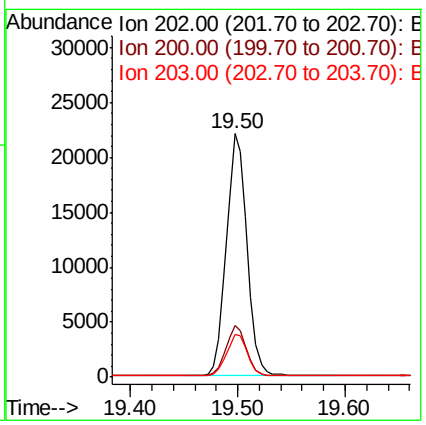


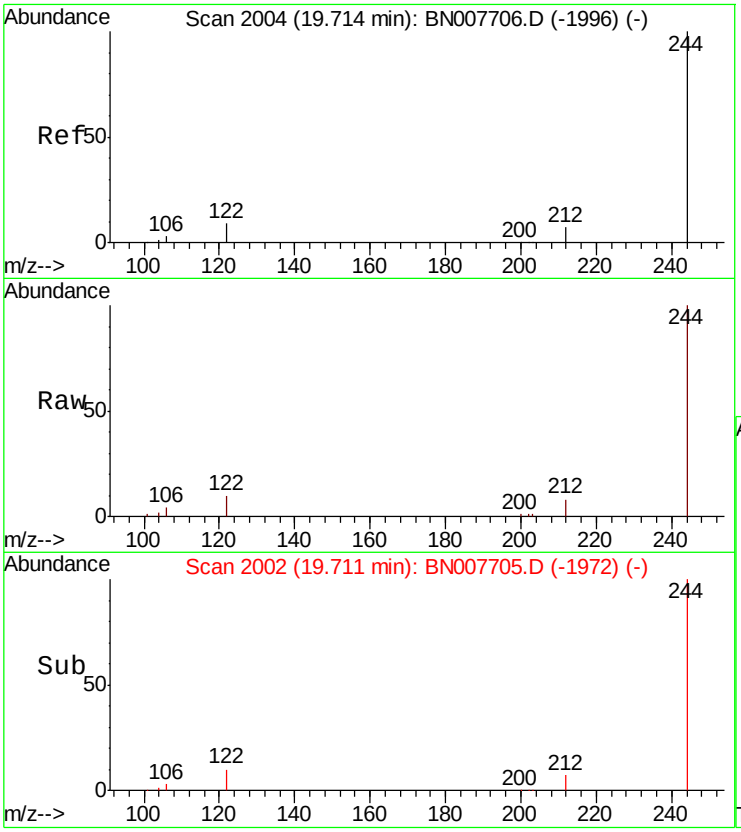


#28
Pyrene
Concen: 0.184 ng
RT: 19.50 min Scan# 1959
Delta R.T. -0.00 min
Lab File: BN007705.D
Acq: 18 Sep 2019 14:49

Tgt Ion:202 Resp: 29565

Ion	Ratio	Lower	Upper
202	100		
200	20.5	16.4	24.6
203	17.7	14.1	21.1



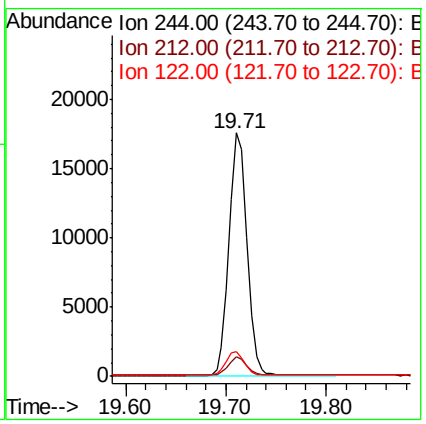


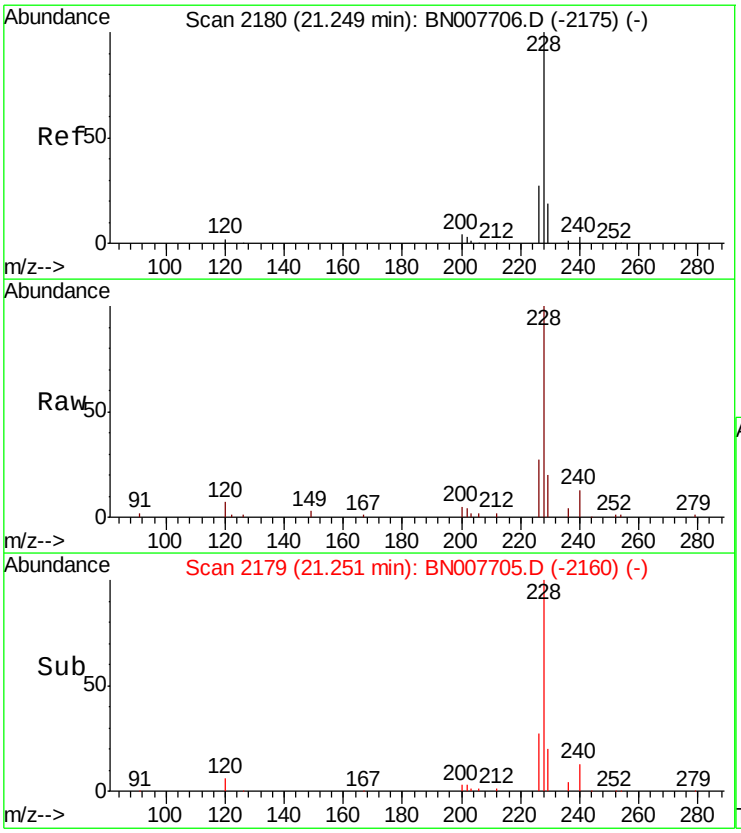
#29
Terphenyl-d14
Concen: 0.185 ng
RT: 19.71 min Scan# 2002
Delta R.T. -0.00 min
Lab File: BN007705.D
Acq: 18 Sep 2019 14:49

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:244 Resp: 21517

Ion	Ratio	Lower	Upper
244	100		
212	7.8	5.9	8.9
122	10.0	7.4	11.2

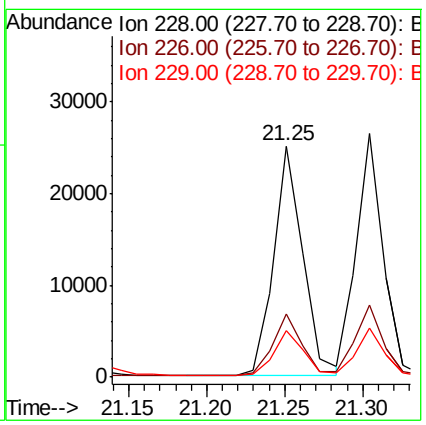


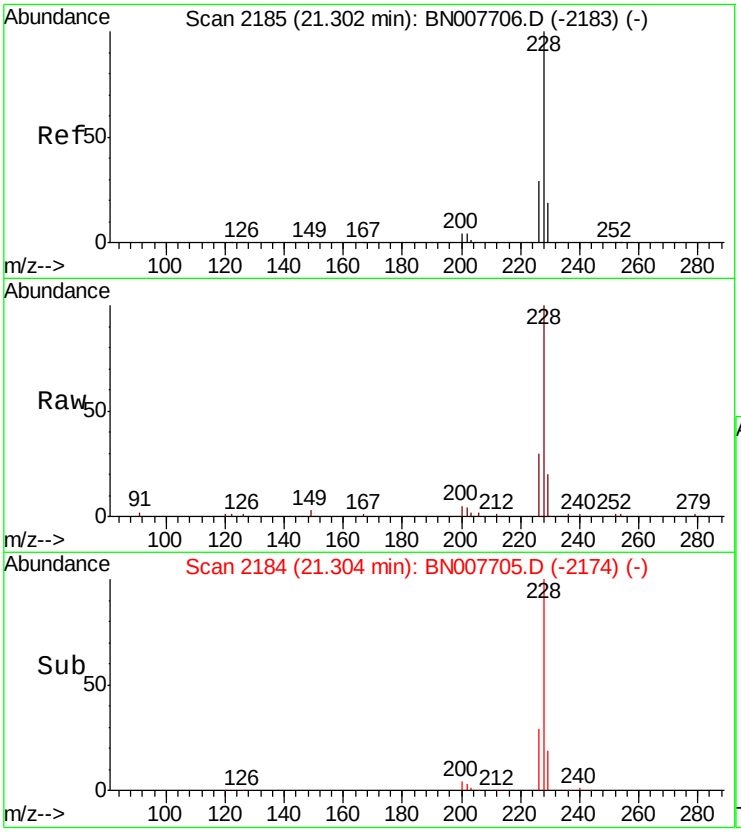


#30
Benzo(a)anthracene
Concen: 0.201 ng
RT: 21.25 min Scan# 2179
Delta R.T. 0.00 min
Lab File: BN007705.D
Acq: 18 Sep 2019 14:49

Tgt Ion:228 Resp: 32228

Ion	Ratio	Lower	Upper
228	100		
226	27.4	22.1	33.1
229	20.2	15.8	23.6



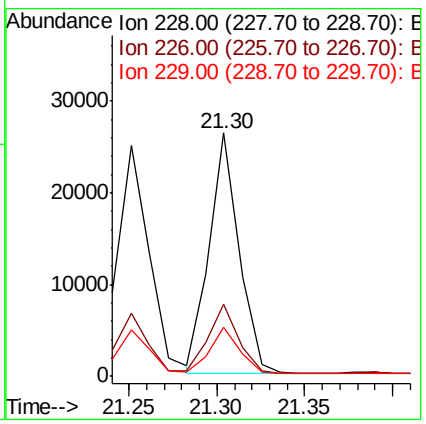


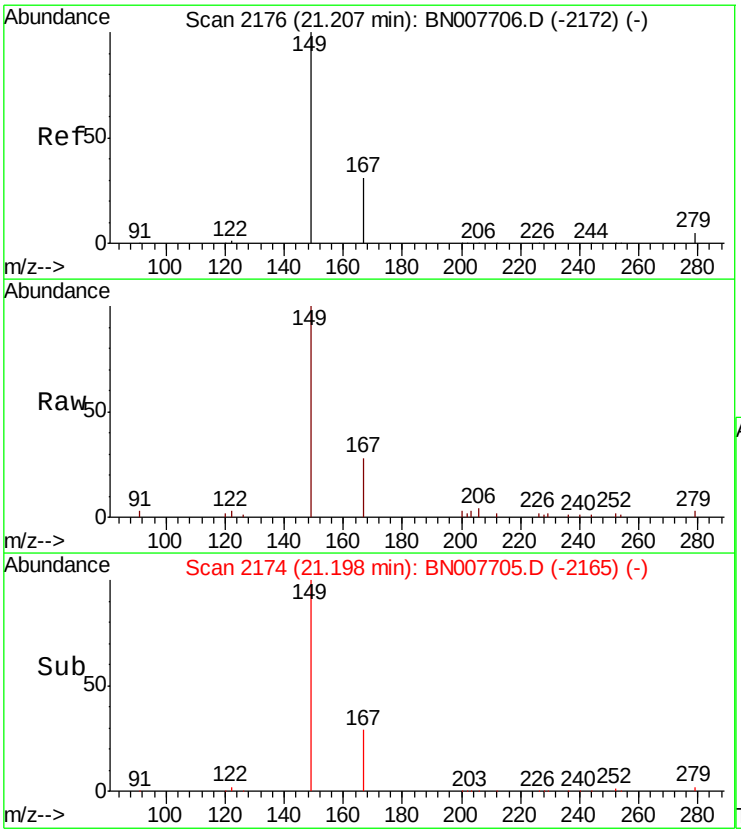
#31
Chrysene
Concen: 0.189 ng
RT: 21.30 min Scan# 2184
Delta R.T. 0.00 min
Lab File: BN007705.D
Acq: 18 Sep 2019 14:49

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:228 Resp: 30873

Ion	Ratio	Lower	Upper
228	100		
226	29.8	23.9	35.9
229	20.2	15.8	23.6

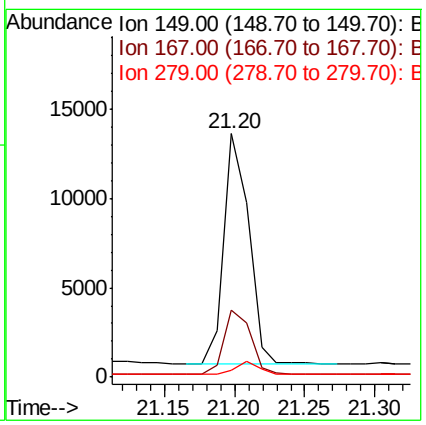


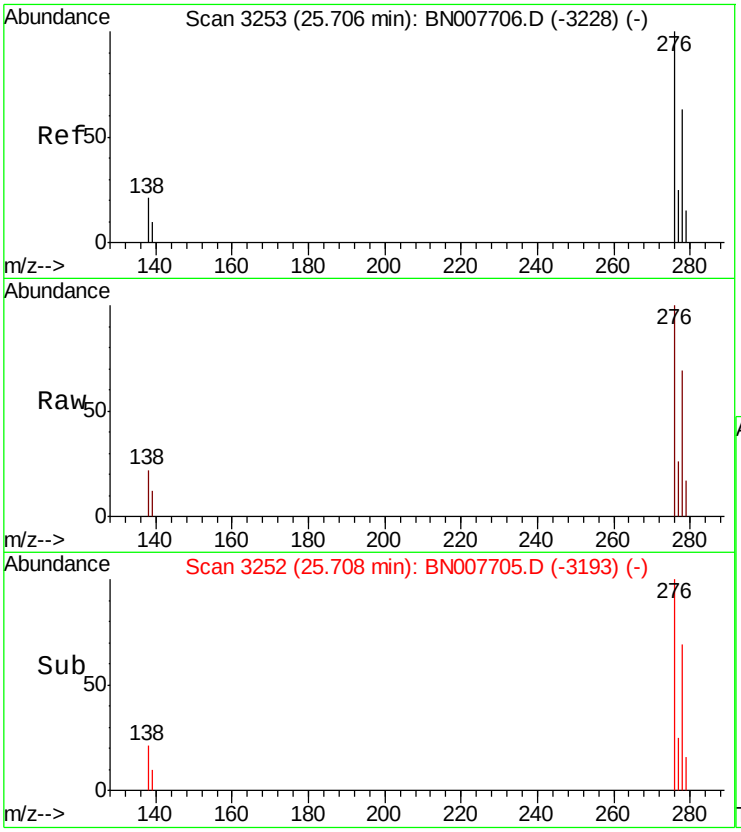


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.293 ng
RT: 21.20 min Scan# 2174
Delta R.T. -0.01 min
Lab File: BN007705.D
Acq: 18 Sep 2019 14:49

Tgt Ion:149 Resp: 16060

Ion	Ratio	Lower	Upper
149	100		
167	29.6	23.7	35.5
279	5.4	4.2	6.2



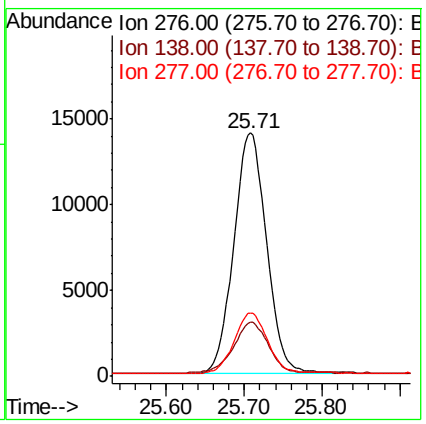


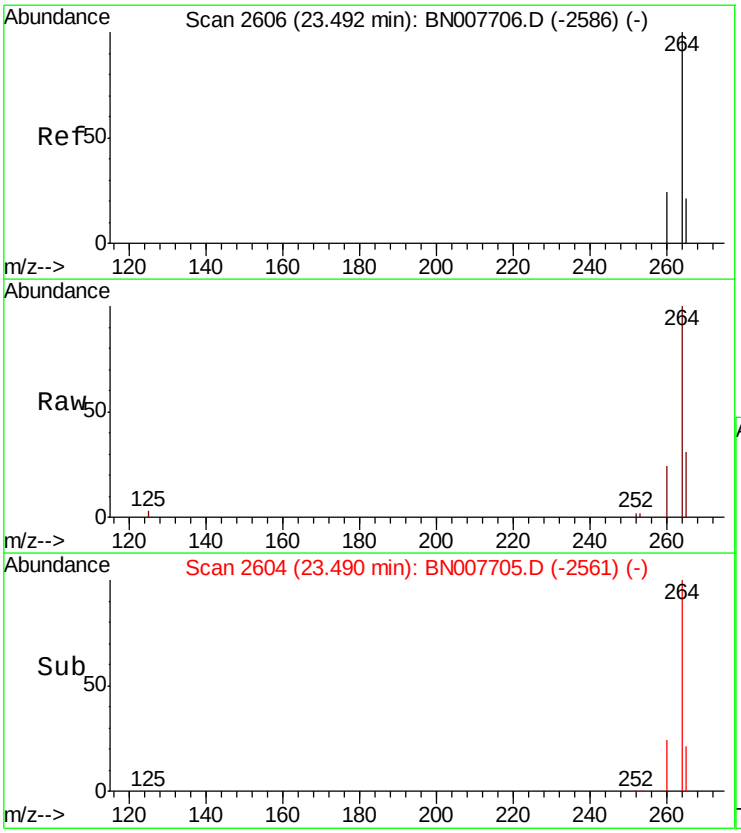
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.239 ng
RT: 25.71 min Scan# 3252
Delta R.T. 0.00 min
Lab File: BN007705.D
Acq: 18 Sep 2019 14:49

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:276 Resp: 41168

Ion	Ratio	Lower	Upper
276	100		
138	22.3	17.1	25.7
277	25.1	20.0	30.0

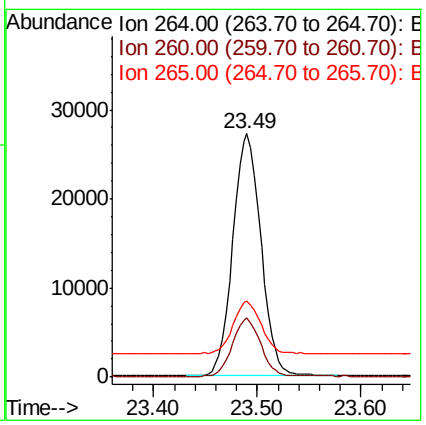


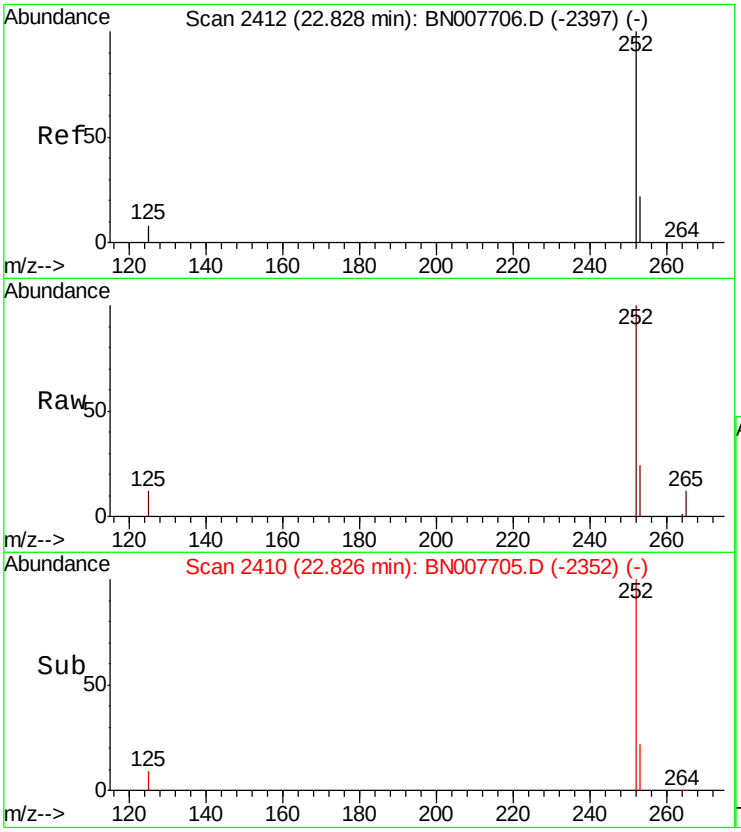


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.49 min Scan# 2604
Delta R.T. -0.00 min
Lab File: BN007705.D
Acq: 18 Sep 2019 14:49

Tgt Ion:264 Resp: 51091

Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.3	28.9
265	31.0	26.9	40.3



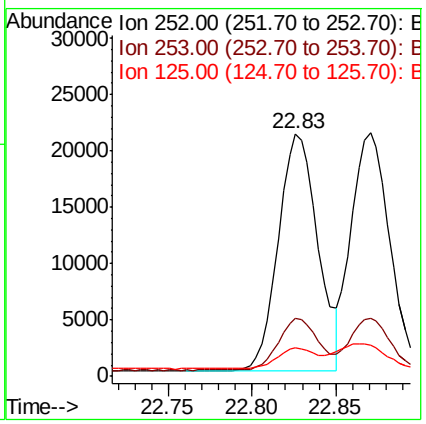


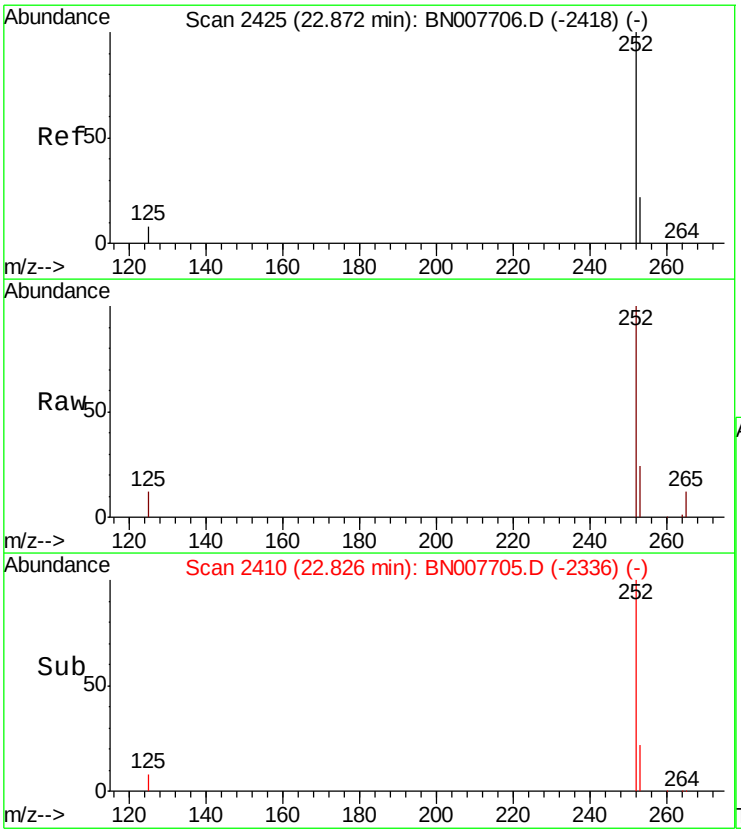
#35
Benzo(b)fluoranthene
Concen: 0.191 ng
RT: 22.83 min Scan# 2410
Delta R.T. -0.00 min
Lab File: BN007705.D
Acq: 18 Sep 2019 14:49

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:252 Resp: 34609

Ion	Ratio	Lower	Upper
252	100		
253	23.9	18.3	27.5
125	11.6	8.2	12.4

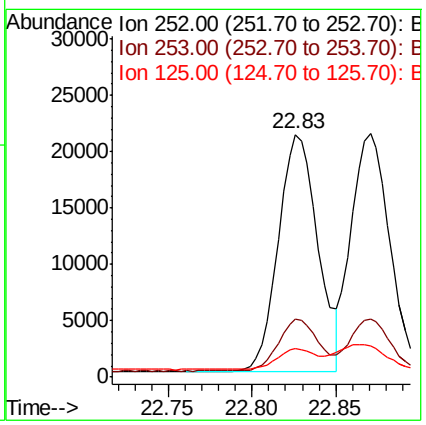


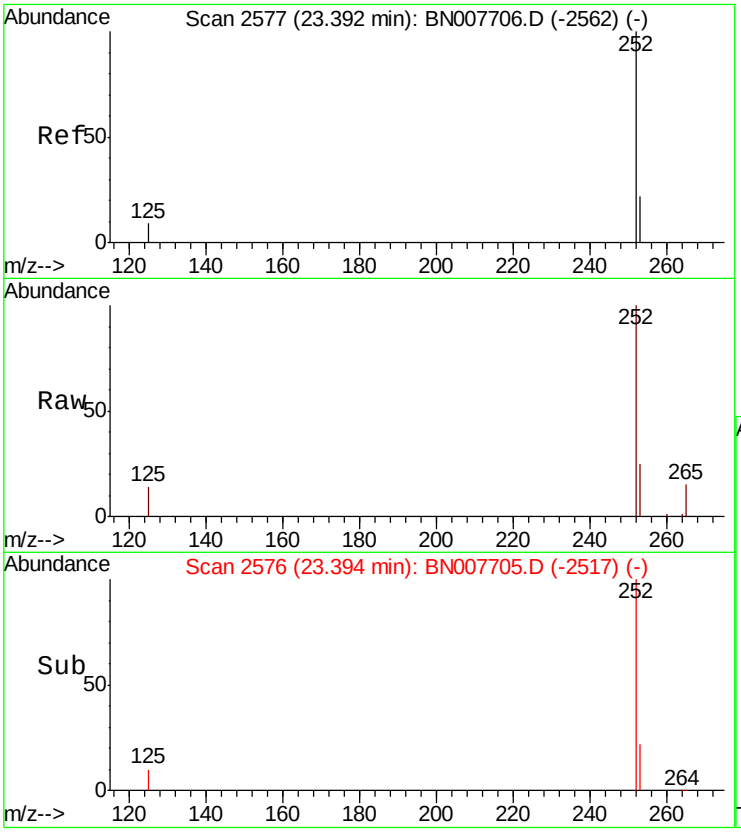


#36
Benzo(k)fluoranthene
Concen: 0.193 ng
RT: 22.83 min Scan# 2410
Delta R.T. -0.05 min
Lab File: BN007705.D
Acq: 18 Sep 2019 14:49

Tgt Ion:252 Resp: 34609

Ion	Ratio	Lower	Upper
252	100		
253	23.9	18.5	27.7
125	11.6	8.4	12.6



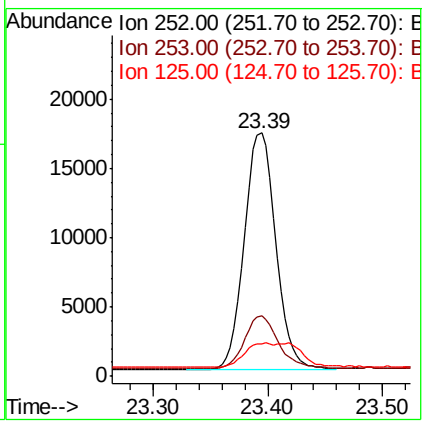


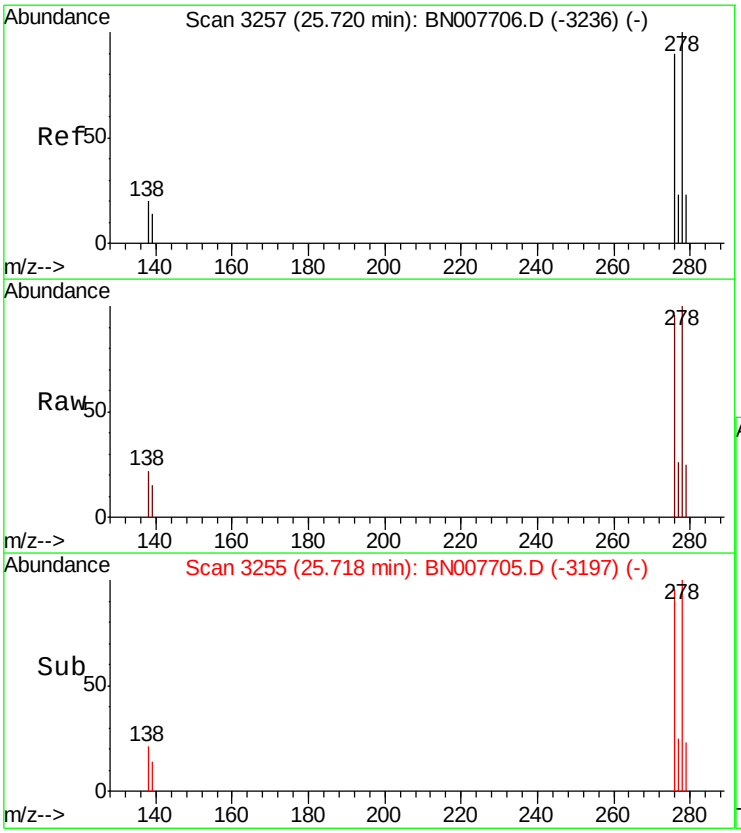
#37
Benzo(a)pyrene
Concen: 0.201 ng
RT: 23.39 min Scan# 2576
Delta R.T. 0.00 min
Lab File: BN007705.D
Acq: 18 Sep 2019 14:49

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:252 Resp: 32410

Ion	Ratio	Lower	Upper
252	100		
253	24.6	18.6	27.8
125	13.6	9.4	14.0

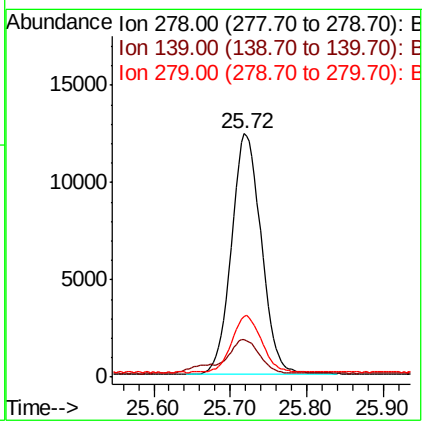


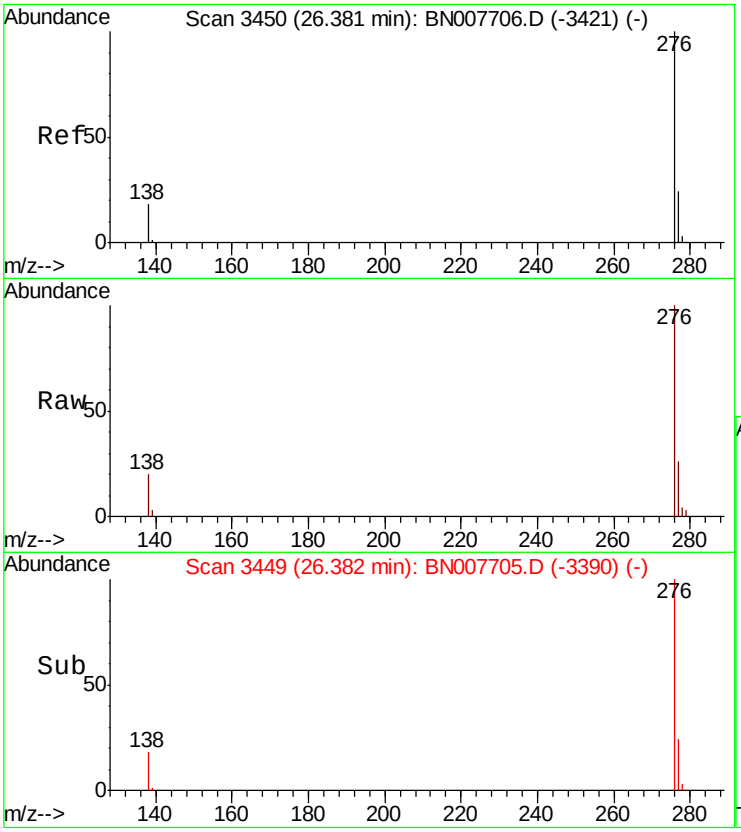


#38
Dibenzo(a,h)anthracene
Concen: 0.208 ng
RT: 25.72 min Scan# 3255
Delta R.T. -0.00 min
Lab File: BN007705.D
Acq: 18 Sep 2019 14:49

Tgt Ion:278 Resp: 33683

Ion	Ratio	Lower	Upper
278	100		
139	15.4	11.8	17.6
279	25.0	19.4	29.2





#39
Benzo(g,h,i)perylene
Concen: 0.202 ng
RT: 26.38 min Scan# 3449
Delta R.T. 0.00 min
Lab File: BN007705.D
Acq: 18 Sep 2019 14:49

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:276 Resp: 33108

Ion	Ratio	Lower	Upper
276	100		
277	25.5	19.8	29.8
138	19.6	15.1	22.7