Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091819\
Data File : BN007710.D
Acq On : 18 Sep 2019 17:47
Operator : HP/JU
Sample : SSTDICC5.0
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Sep 18 18:22:04 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	5400	0.40	ng		0.00
7) Naphthalene-d8	10.47	136	23129	0.40	ng		0.00
13) Acenaphthene-d10	14.32	164	13758	0.40	ng		0.00
19) Phenanthrene-d10	17.07	188	33040	0.40	ng		0.00
27) Chrysene-d12	21.27	240	37146	0.40	ng		0.00
34) Perylene-d12	23.49	264	38034	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.32	112	85103	5.18	ng		0.00
5) Phenol-d6	6.87	99	116613	4.62	ng		0.00
8) Nitrobenzene-d5	8.83	82	109179	7.75	ng		0.00
11) 2-Methylnaphthalene-d10	12.06	152	211658	5.30	ng		0.00
14) 2,4,6-Tribromophenol	15.81	330	39900	7.63	ng		0.00
15) 2-Fluorobiphenyl	12.95	172	295394	5.19	ng		0.00
25) Fluoranthene-d10	19.10	212	588088	5.48	ng		0.00
29) Terphenyl-d14	19.71	244	482314	4.99	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.30	88	37258	6.541	ng		91
3) n-Nitrosodimethylamine	3.01	42	1750	0.543	ng	#	90
6) bis(2-Chloroethyl)ether	7.14	93	91758	8.615	ng		92
9) Naphthalene	10.52	128	336418	5.171	ng		99
10) Hexachlorobutadiene	10.82	225	68745	5.270	ng	#	100
12) 2-Methylnaphthalene	12.13	142	238096	5.221	ng		99
16) Acenaphthylene	14.04	152	406415	5.500	ng		100
17) Acenaphthene	14.39	154	257100	5.508	ng		98
18) Fluorene	15.38	166	325920	5.303	ng		99
20) 4-Bromophenyl-phenylether	16.27	248	107505	5.503	ng		93
21) Hexachlorobenzene	16.39	284	113685	5.532	ng		99
22) Pentachlorophenol	16.73	266	50461	8.834	ng		98
23) Phenanthrene	17.11	178	540496	5.300	ng		100
24) Anthracene	17.20	178	511489	5.437	ng		100
26) Fluoranthene	19.13	202	664147	5.367	ng		100
28) Pyrene	19.50	202	672738	5.039	ng		100
30) Benzo(a)anthracene	21.25	228	717800	5.401	ng		98
31) Chrysene	21.30	228	704700	5.218	ng		99
32) Bis(2-ethylhexyl)phthalate	21.20	149	354584	7.795	ng		99
33) Indeno(1,2,3-cd)pyrene	25.70	276	799359	5.599	ng		100
35) Benzo(b)fluoranthene	22.83	252	711736	5.263	ng		97
36) Benzo(k)fluoranthene	22.87	252	682499	5.107	ng		97
37) Benzo(a)pyrene	23.39	252	657655	5.469	ng		96
38) Dibenzo(a,h)anthracene	25.72	278	651714	5.398	ng		98
39) Benzo(g,h,i)perylene	26.38	276	649163	5.310	ng		98

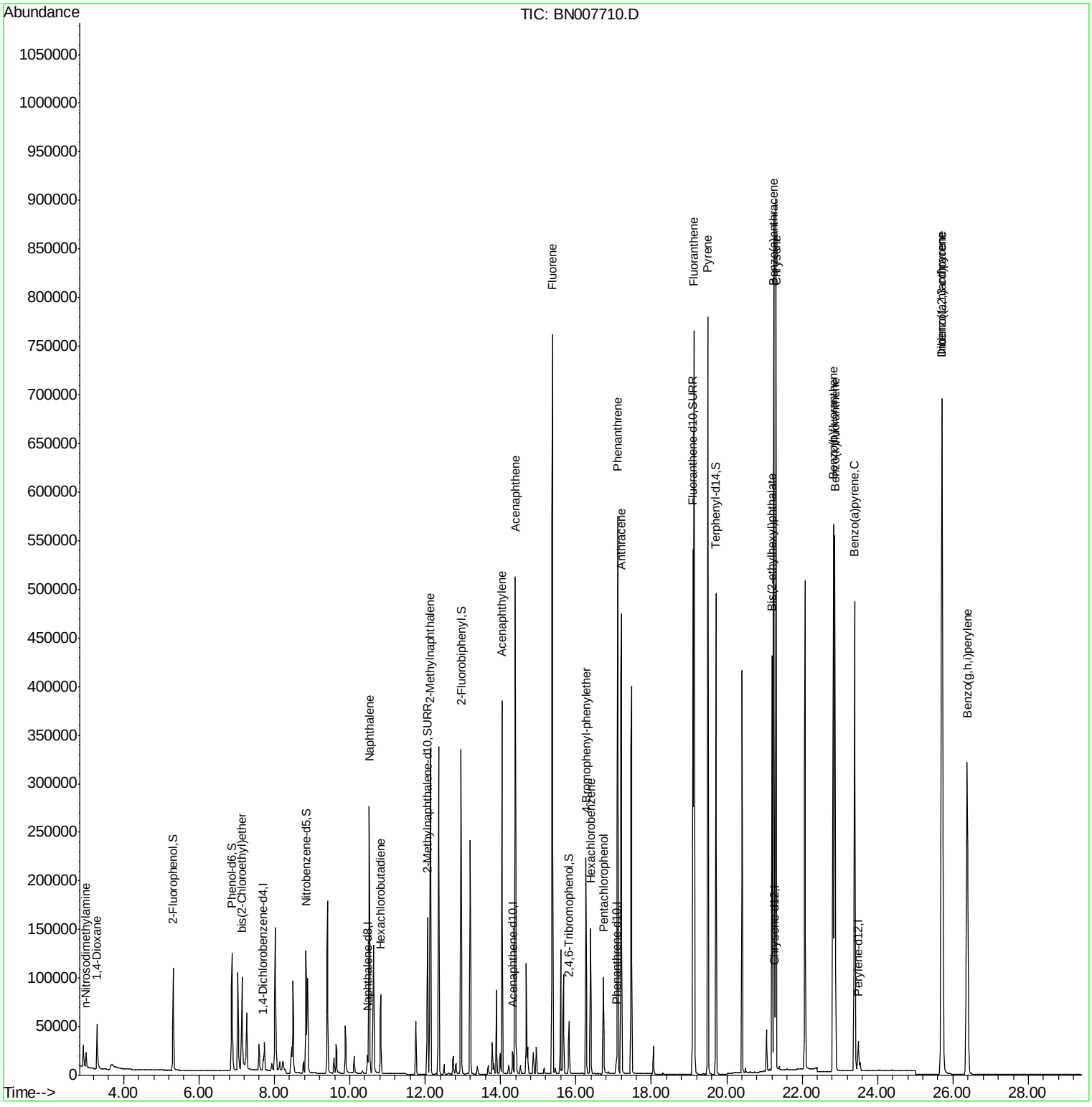
(#) = qualifier out of range (m) = manual integration (+) = signals summed

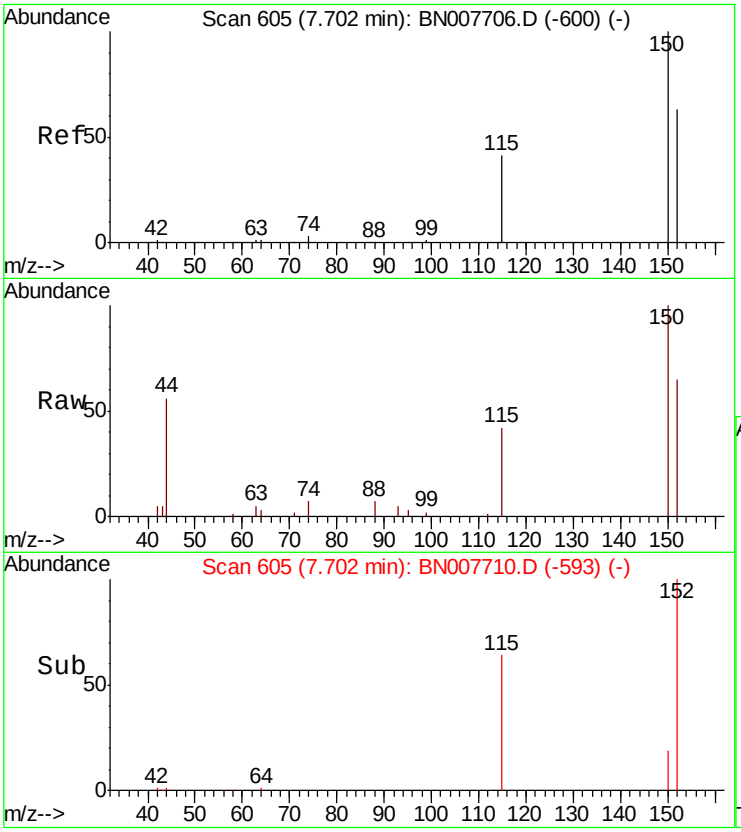
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091819\
Data File : BN007710.D
Acq On : 18 Sep 2019 17:47
Operator : HP/JU
Sample : SSTDICC5.0
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Sep 18 18:22:04 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



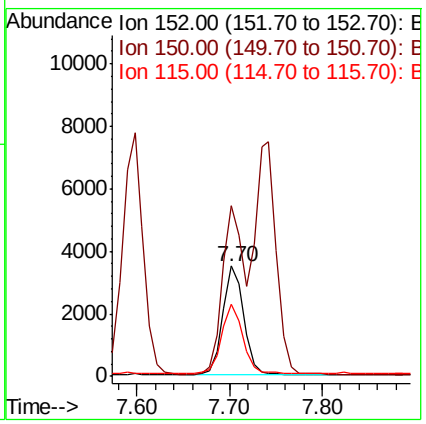


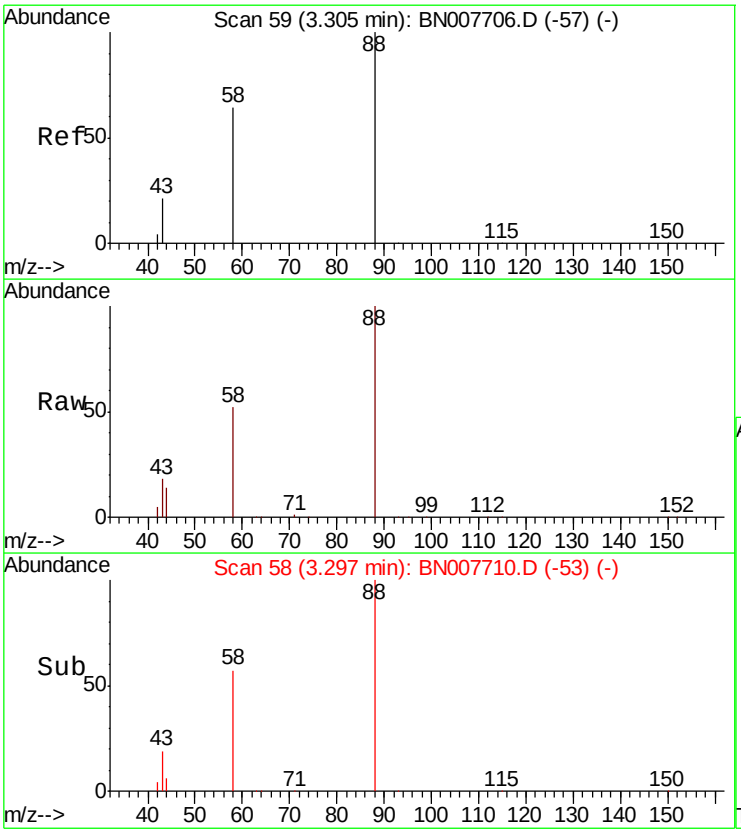
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.70 min Scan# 605
Delta R.T. 0.00 min
Lab File: BN007710.D
Acq: 18 Sep 2019 17:47

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 5400

Ion	Ratio	Lower	Upper
152	100		
150	155.0	125.6	188.4
115	65.7	53.3	79.9

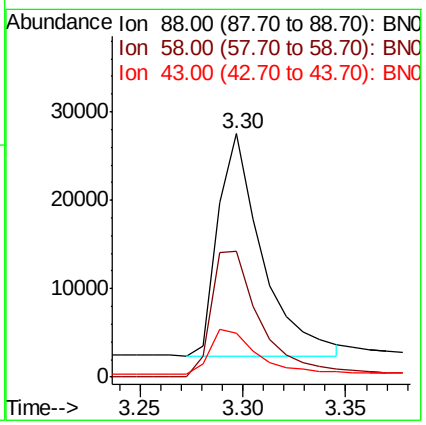


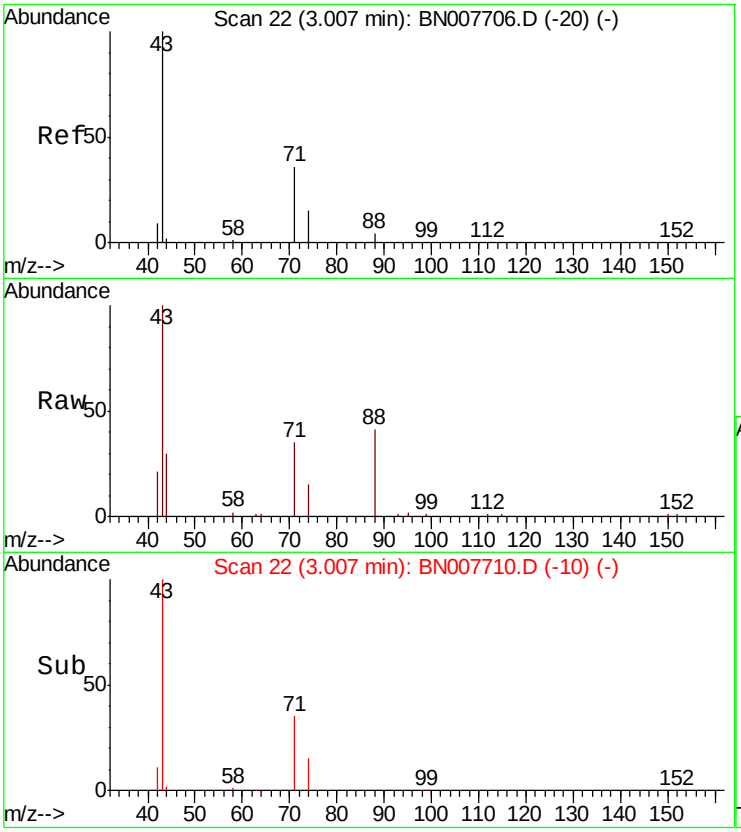


#2
1,4-Dioxane
Concen: 6.541 ng
RT: 3.30 min Scan# 58
Delta R.T. -0.01 min
Lab File: BN007710.D
Acq: 18 Sep 2019 17:47

Tgt Ion: 88 Resp: 37258

Ion	Ratio	Lower	Upper
88	100		
58	62.9	44.6	66.8
43	21.4	14.4	21.6



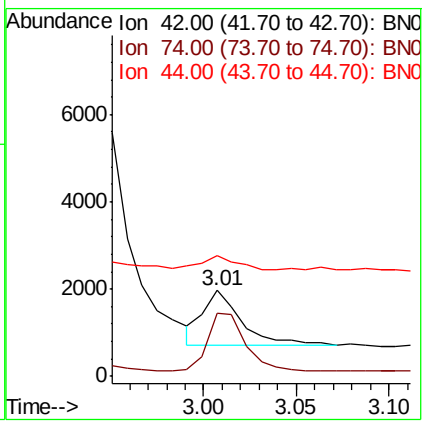


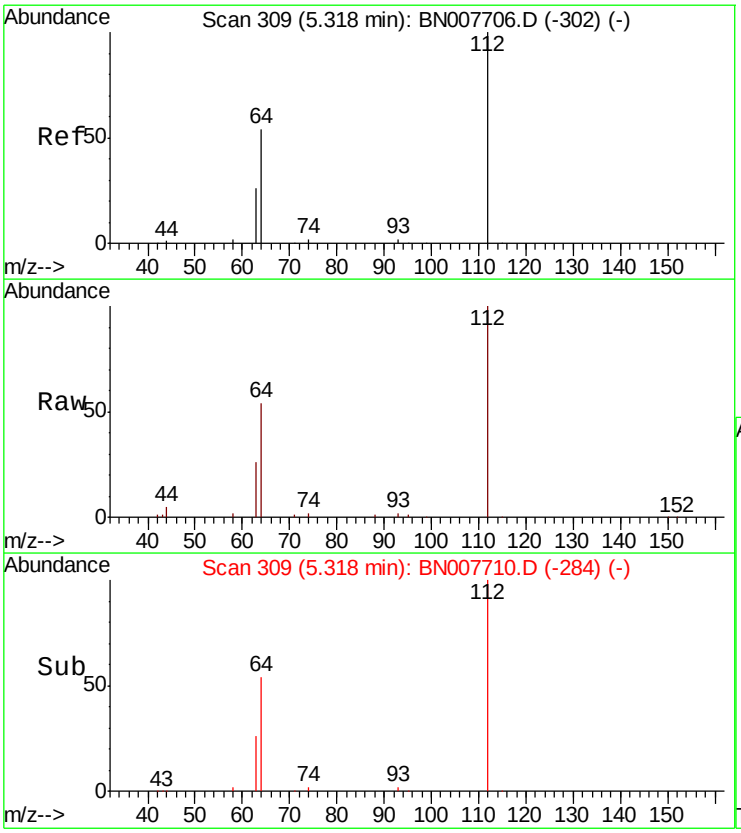
#3
n-Nitrosodimethylamine
Concen: 0.543 ng
RT: 3.01 min Scan# 22
Delta R.T. 0.00 min
Lab File: BN007710.D
Acq: 18 Sep 2019 17:47

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 42 Resp: 1750

Ion	Ratio	Lower	Upper
42	100		
74	103.6	87.9	131.9
44	24.7	29.4	44.0#

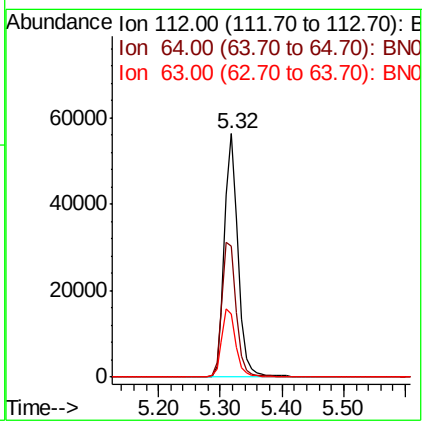


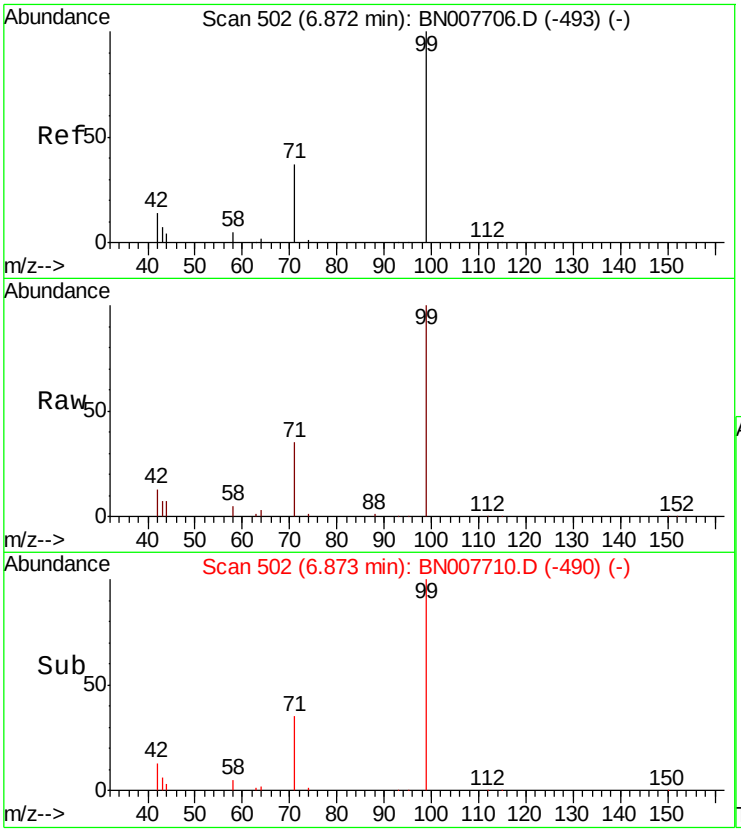


#4
2-Fluorophenol
Concen: 5.175 ng
RT: 5.32 min Scan# 309
Delta R.T. 0.00 min
Lab File: BN007710.D
Acq: 18 Sep 2019 17:47

Tgt Ion:112 Resp: 85103

Ion	Ratio	Lower	Upper
112	100		
64	59.6	46.6	70.0
63	29.5	23.1	34.7



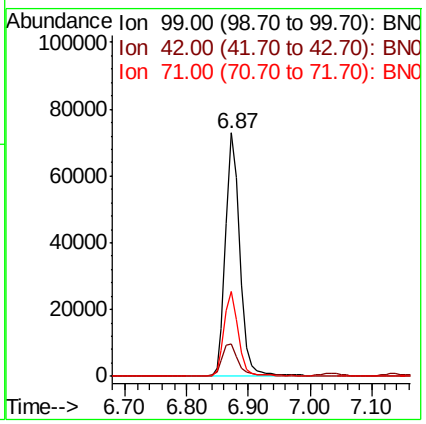


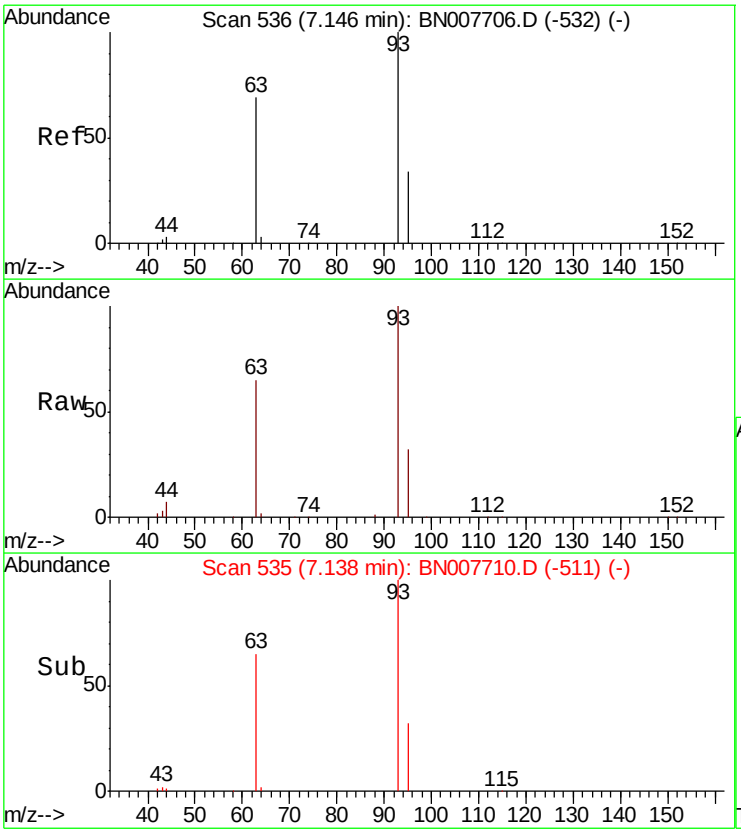
#5
Phenol-d6
Concen: 4.620 ng
RT: 6.87 min Scan# 502
Delta R.T. 0.00 min
Lab File: BN007710.D
Acq: 18 Sep 2019 17:47

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 99 Resp: 116613

Ion	Ratio	Lower	Upper
99	100		
42	14.5	12.8	19.2
71	34.7	27.6	41.4

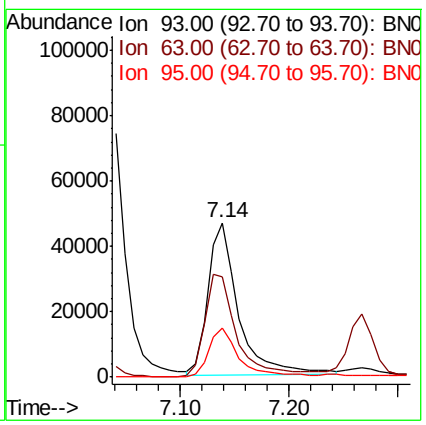


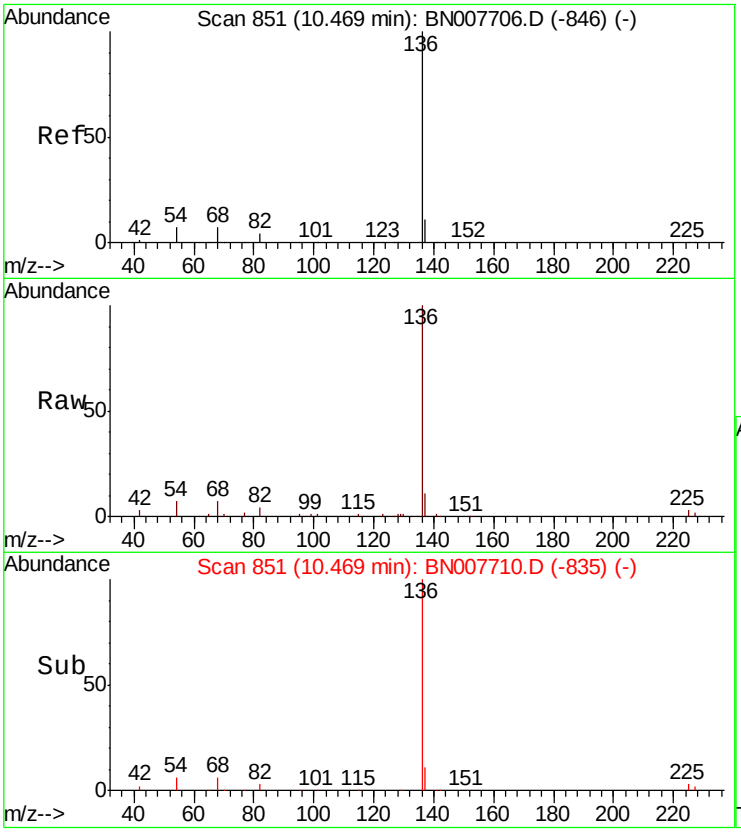


#6
bis(2-Chloroethyl)ether
Concen: 8.615 ng
RT: 7.14 min Scan# 535
Delta R.T. -0.01 min
Lab File: BN007710.D
Acq: 18 Sep 2019 17:47

Tgt Ion: 93 Resp: 91758

Ion	Ratio	Lower	Upper
93	100		
63	68.8	59.3	88.9
95	31.5	31.4	47.0



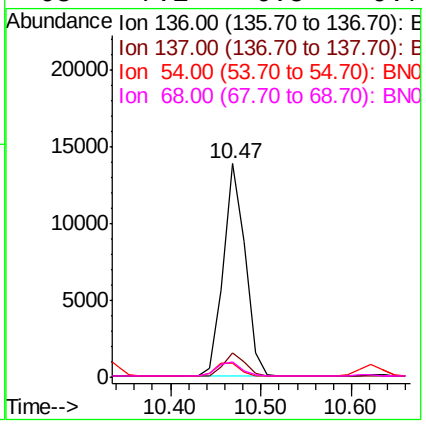


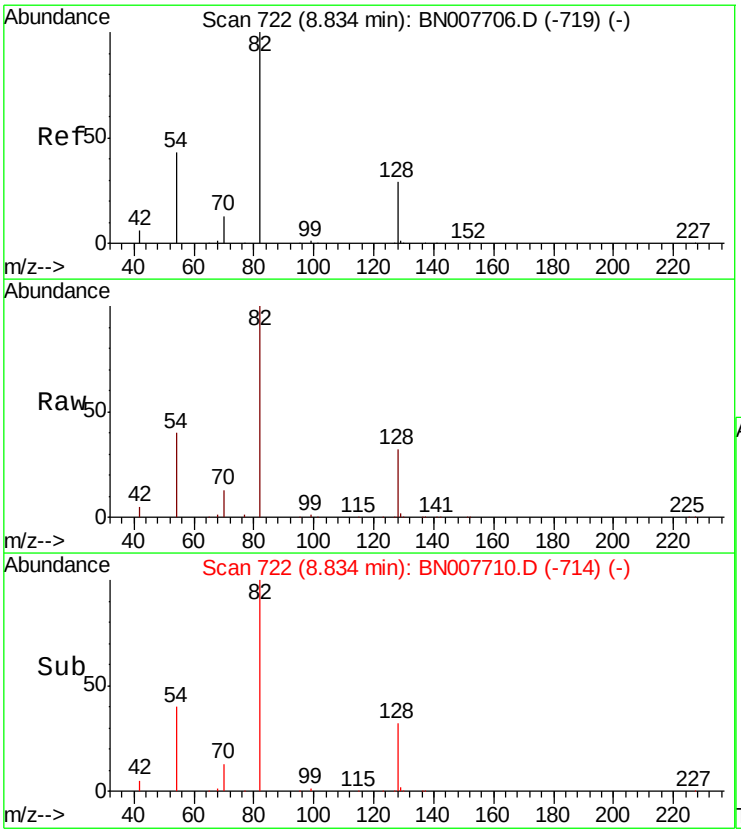
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.47 min Scan# 851
Delta R.T. 0.00 min
Lab File: BN007710.D
Acq: 18 Sep 2019 17:47

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:136 Resp: 23129

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.2	13.8
54	6.7	5.8	8.8
68	7.1	6.5	9.7

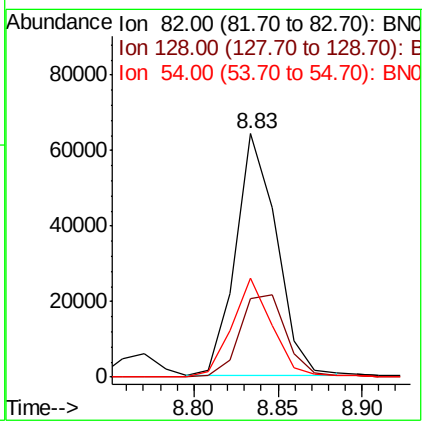


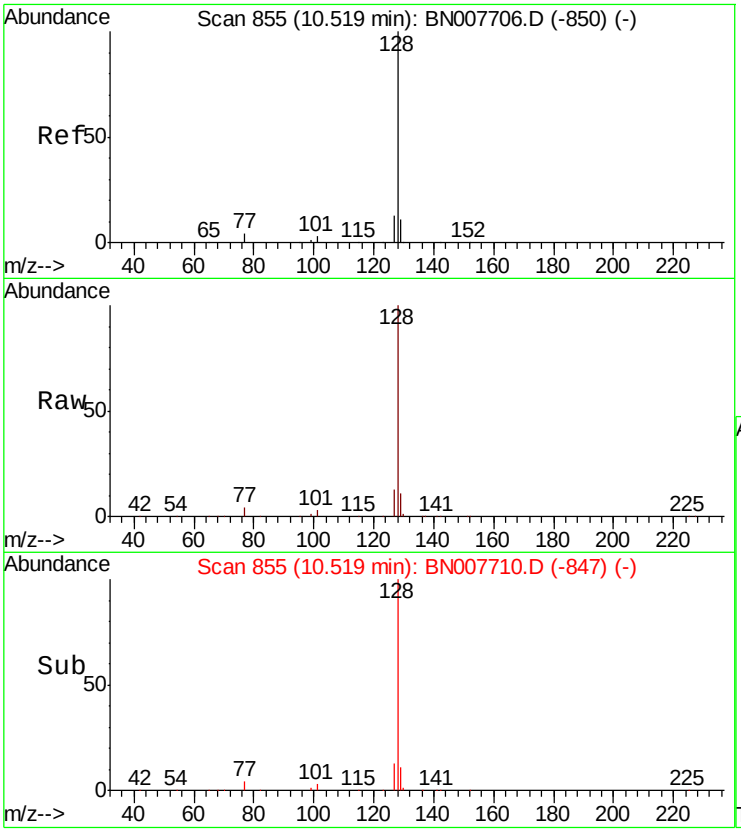


#8
Nitrobenzene-d5
Concen: 7.749 ng
RT: 8.83 min Scan# 722
Delta R.T. 0.00 min
Lab File: BN007710.D
Acq: 18 Sep 2019 17:47

Tgt Ion: 82 Resp: 109179

Ion	Ratio	Lower	Upper
82	100		
128	32.4	24.5	36.7
54	40.5	35.2	52.8



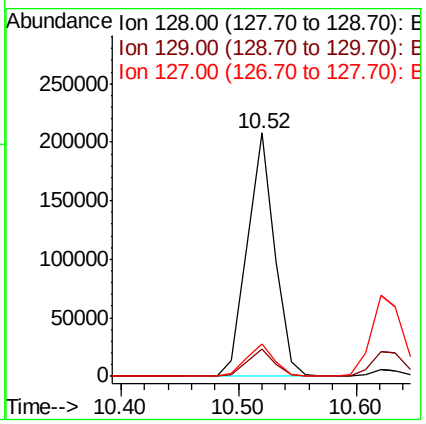


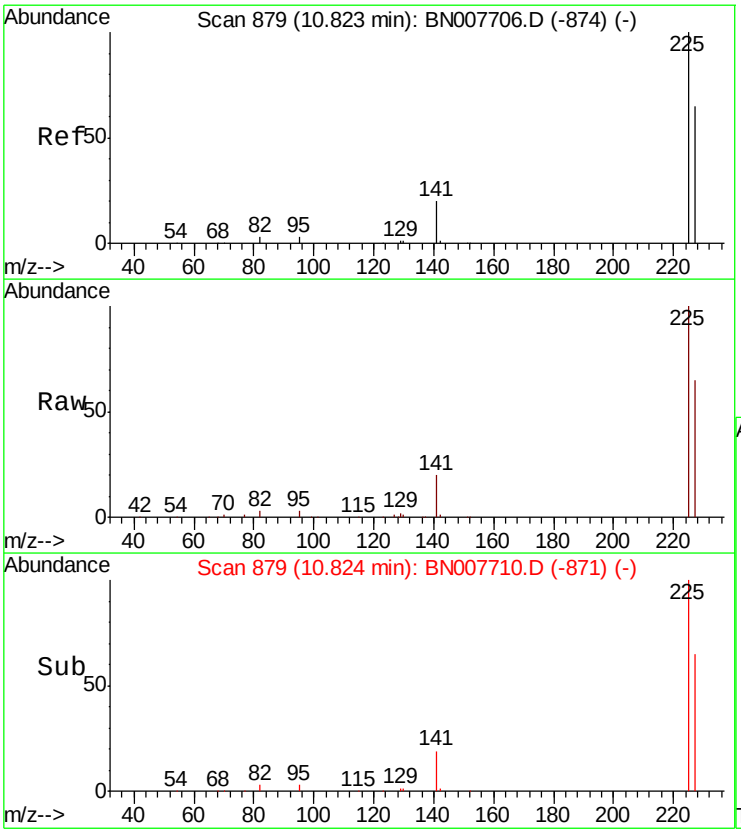
#9
Naphthalene
Concen: 5.171 ng
RT: 10.52 min Scan# 855
Delta R.T. 0.00 min
Lab File: BN007710.D
Acq: 18 Sep 2019 17:47

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:128 Resp: 336418

Ion	Ratio	Lower	Upper
128	100		
129	11.0	9.1	13.7
127	13.1	10.6	15.8

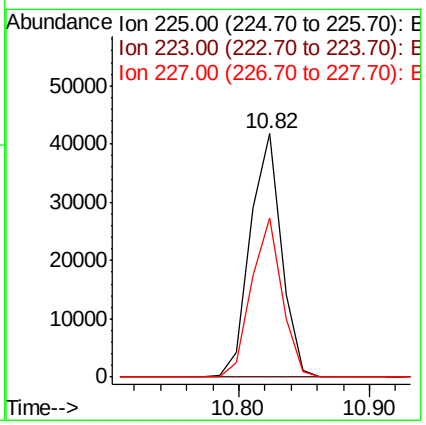


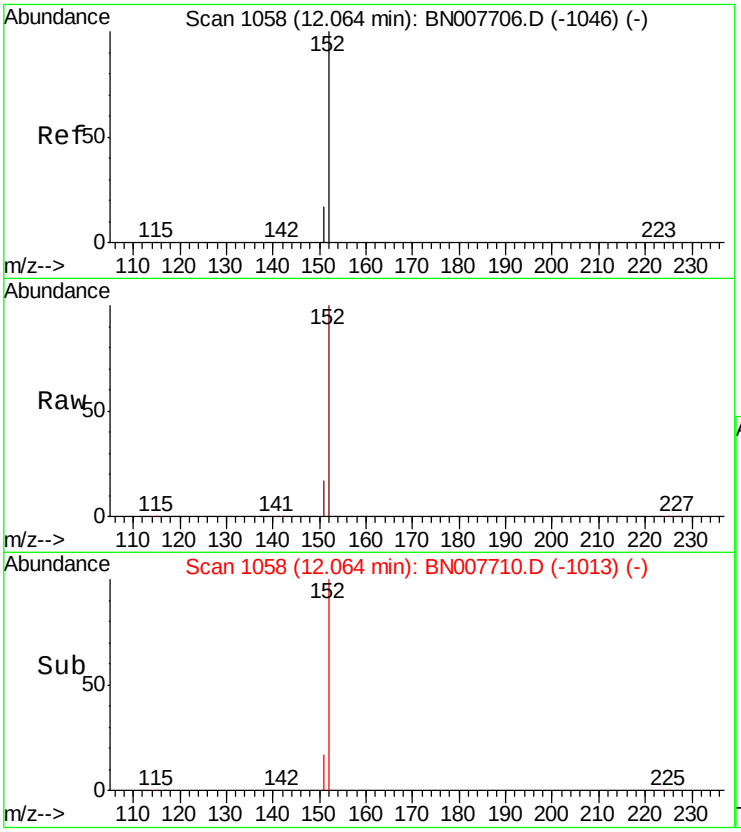


#10
Hexachlorobutadiene
Concen: 5.270 ng
RT: 10.82 min Scan# 879
Delta R.T. 0.00 min
Lab File: BN007710.D
Acq: 18 Sep 2019 17:47

Tgt Ion:225 Resp: 68745

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.8	51.2	76.8



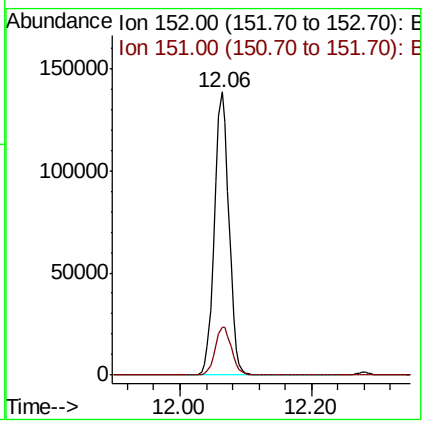


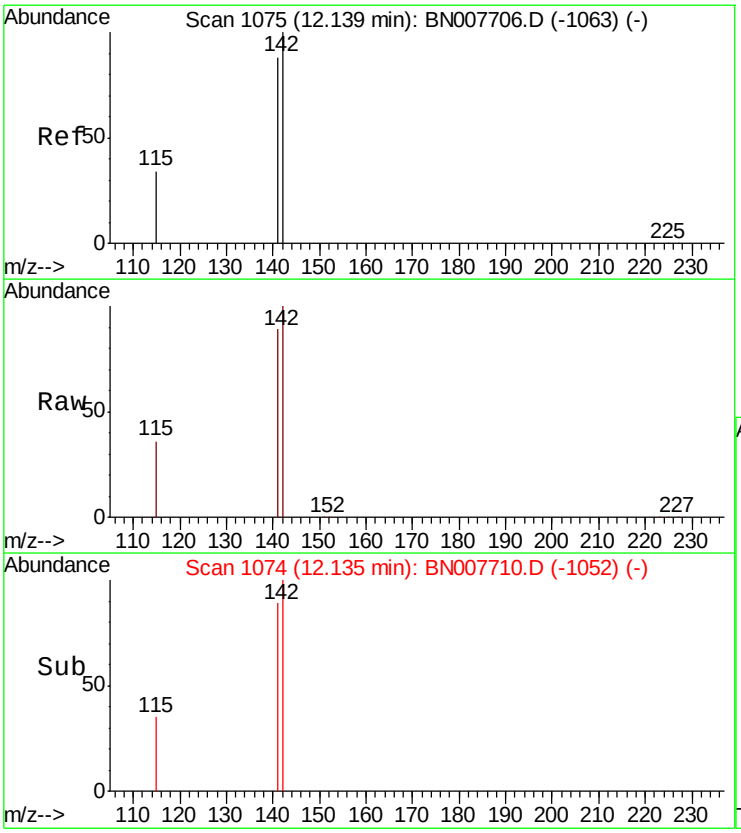
#11
2-Methylnaphthalene-d10
Concen: 5.302 ng
RT: 12.06 min Scan# 1058
Delta R.T. 0.00 min
Lab File: BN007710.D
Acq: 18 Sep 2019 17:47

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 211658

Ion	Ratio	Lower	Upper
152	100		
151	19.0	15.4	23.2

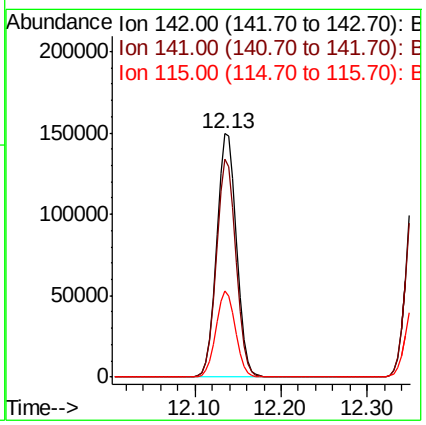


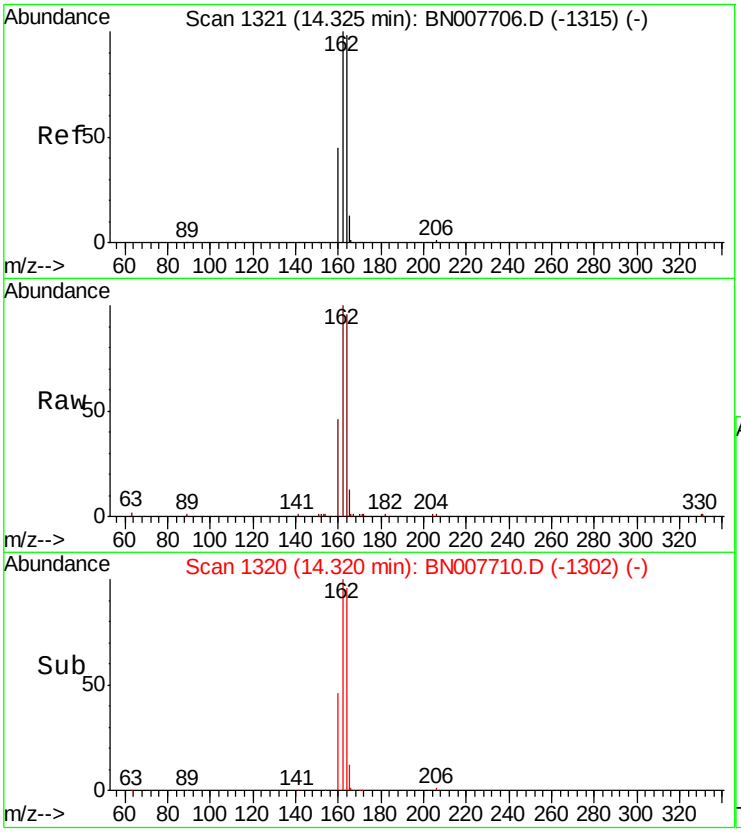


#12
2-Methylnaphthalene
Concen: 5.221 ng
RT: 12.13 min Scan# 1074
Delta R.T. -0.00 min
Lab File: BN007710.D
Acq: 18 Sep 2019 17:47

Tgt Ion:142 Resp: 238096

Ion	Ratio	Lower	Upper
142	100		
141	89.3	70.6	106.0
115	35.5	28.3	42.5



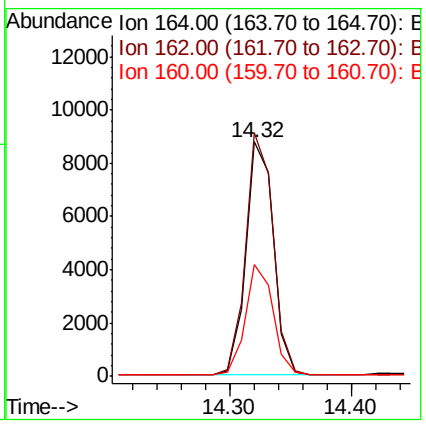


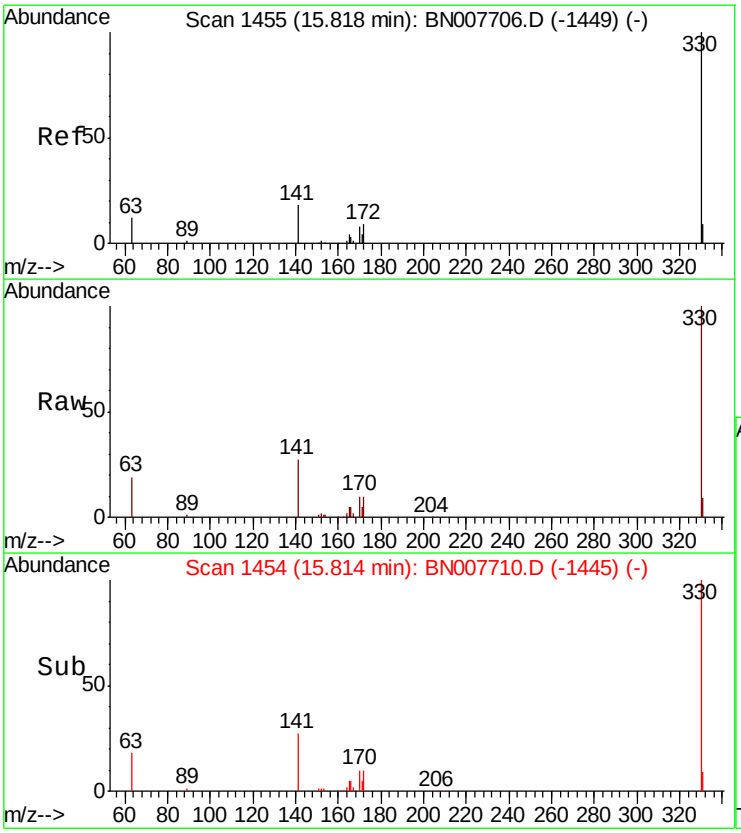
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.32 min Scan# 1320
Delta R.T. -0.00 min
Lab File: BN007710.D
Acq: 18 Sep 2019 17:47

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:164 Resp: 13758

Ion	Ratio	Lower	Upper
164	100		
162	103.8	81.7	122.5
160	47.9	37.0	55.4

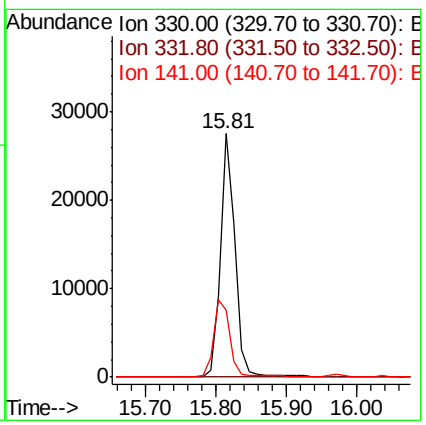


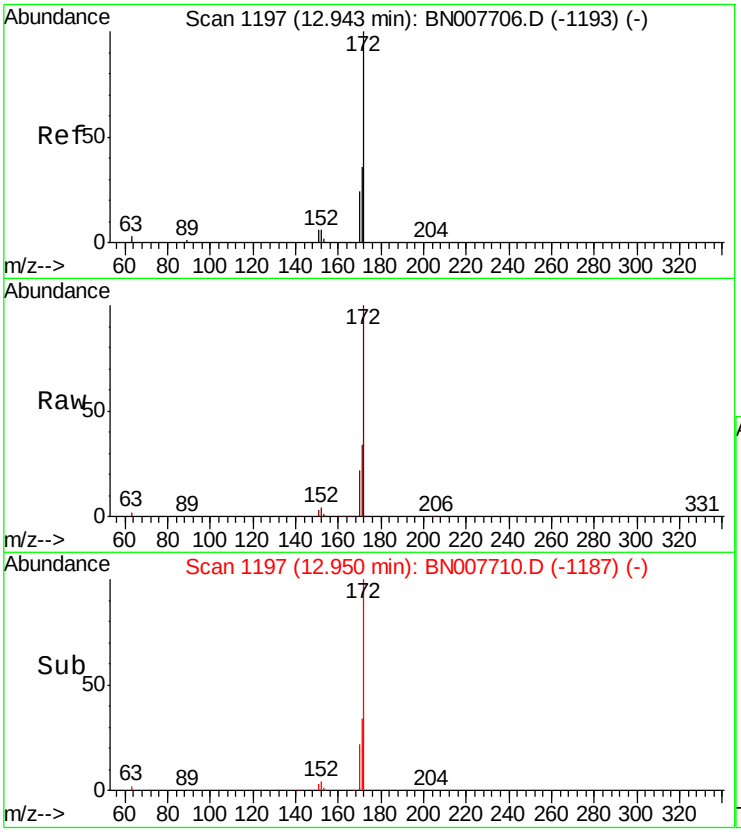


#14
2,4,6-Tribromophenol
Concen: 7.632 ng
RT: 15.81 min Scan# 1454
Delta R.T. -0.00 min
Lab File: BN007710.D
Acq: 18 Sep 2019 17:47

Tgt Ion:330 Resp: 39900

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	34.6	28.7	43.1



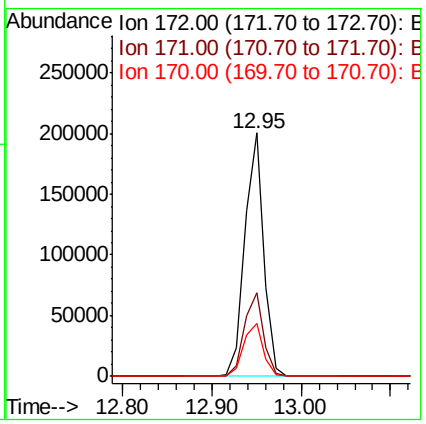


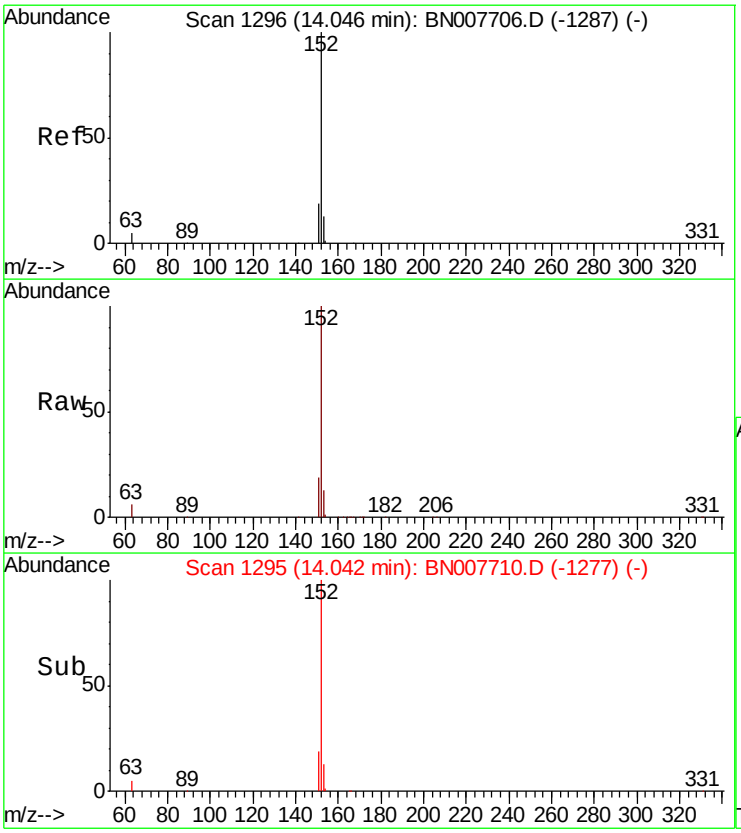
#15
2-Fluorobiphenyl
Concen: 5.194 ng
RT: 12.95 min Scan# 1197
Delta R.T. 0.01 min
Lab File: BN007710.D
Acq: 18 Sep 2019 17:47

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:172 Resp: 295394

Ion	Ratio	Lower	Upper
172	100		
171	34.3	28.8	43.2
170	21.9	19.5	29.3

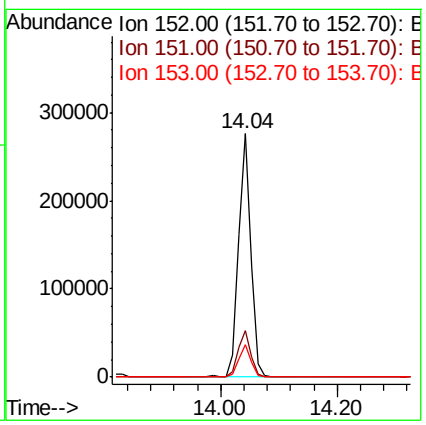


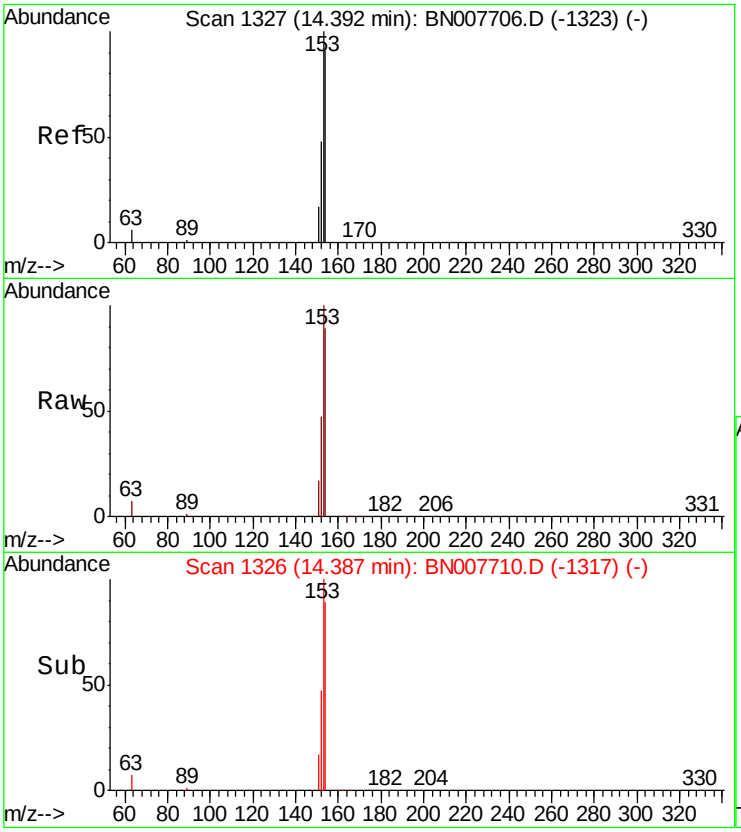


#16
Acenaphthylene
Concen: 5.500 ng
RT: 14.04 min Scan# 1295
Delta R.T. -0.00 min
Lab File: BN007710.D
Acq: 18 Sep 2019 17:47

Tgt Ion:152 Resp: 406415

Ion	Ratio	Lower	Upper
152	100		
151	19.5	15.5	23.3
153	13.1	10.4	15.6



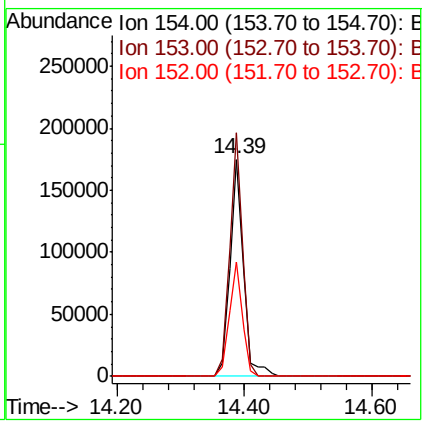


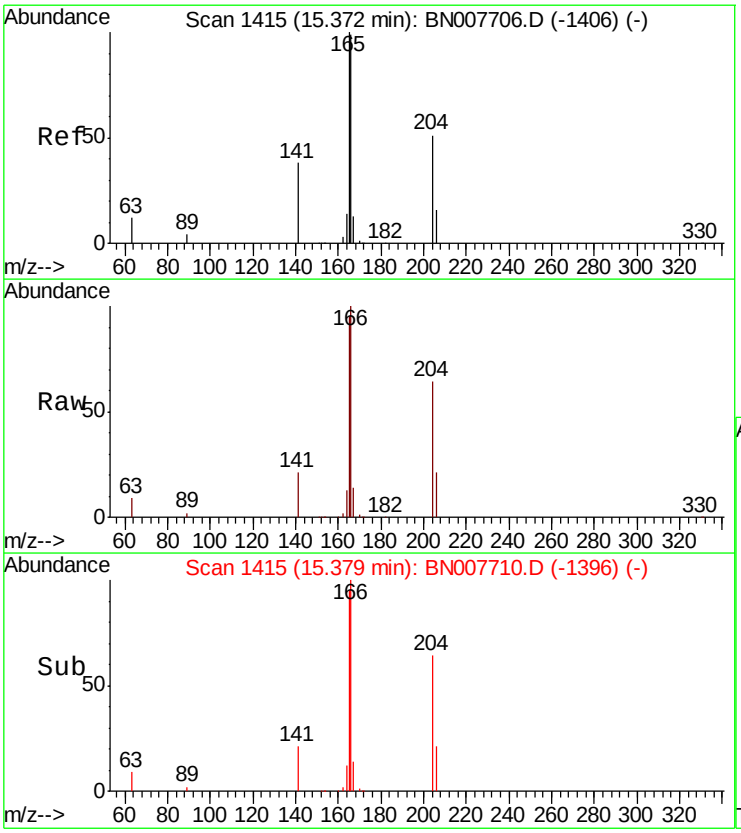
#17
Acenaphthene
Concen: 5.508 ng
RT: 14.39 min Scan# 1326
Delta R.T. -0.00 min
Lab File: BN007710.D
Acq: 18 Sep 2019 17:47

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:154 Resp: 257100

Ion	Ratio	Lower	Upper
154	100		
153	106.8	87.0	130.4
152	51.2	42.7	64.1

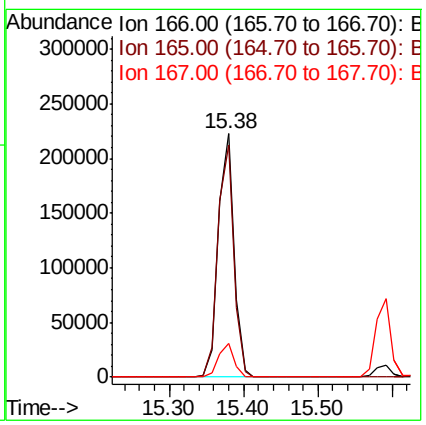


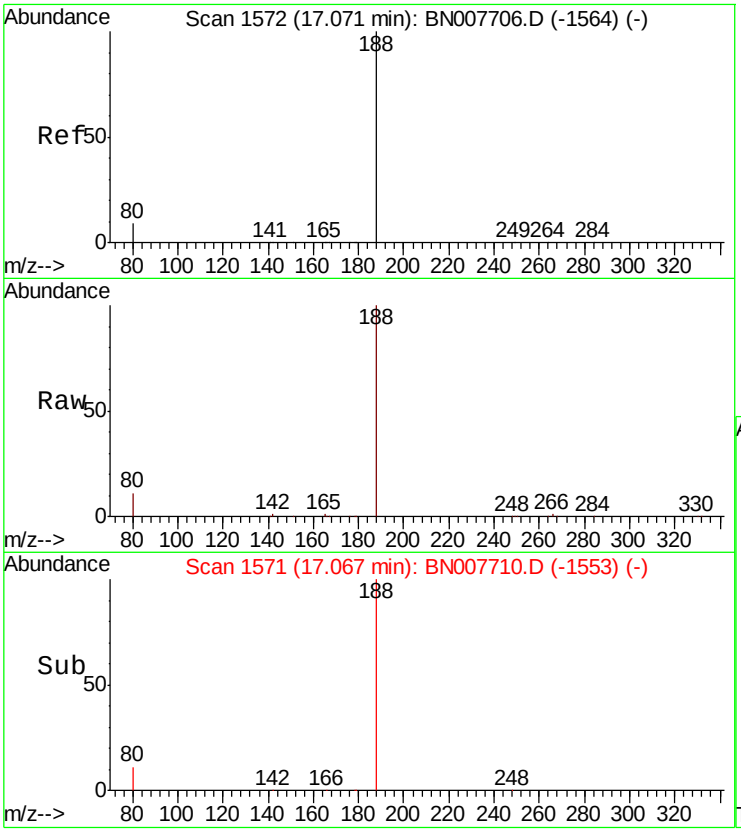


#18
Fluorene
Concen: 5.303 ng
RT: 15.38 min Scan# 1415
Delta R.T. 0.01 min
Lab File: BN007710.D
Acq: 18 Sep 2019 17:47

Tgt Ion:166 Resp: 325920

Ion	Ratio	Lower	Upper
166	100		
165	96.8	78.0	117.0
167	13.5	10.9	16.3



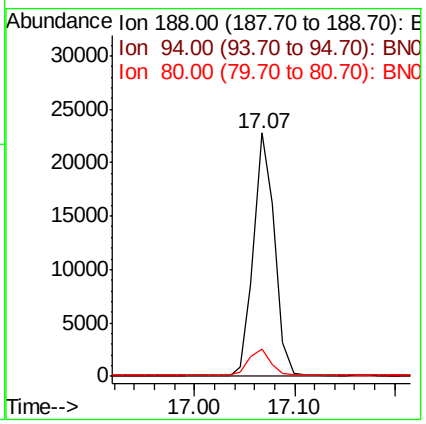


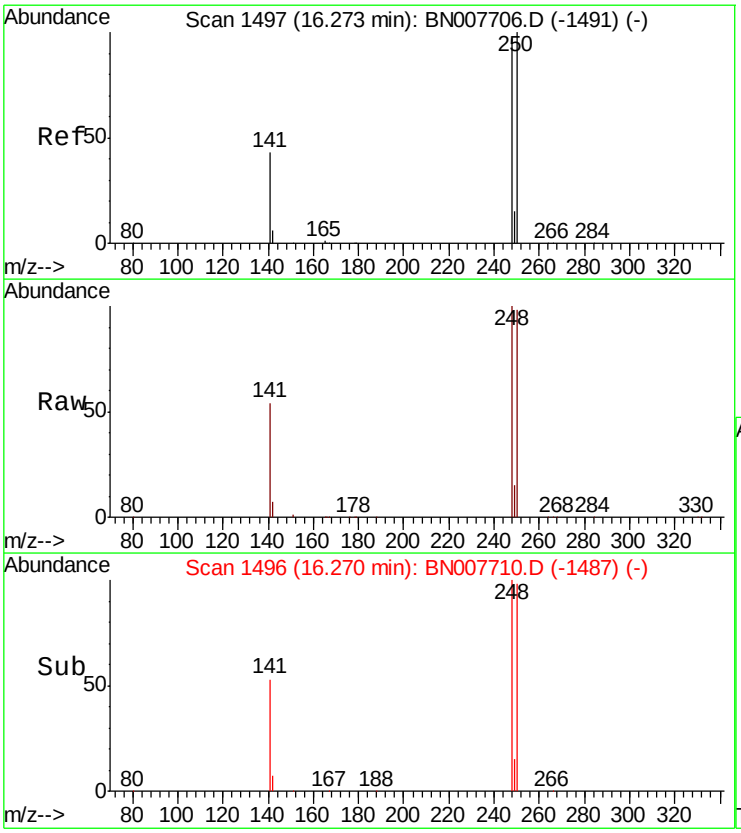
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.07 min Scan# 1571
Delta R.T. -0.00 min
Lab File: BN007710.D
Acq: 18 Sep 2019 17:47

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:188 Resp: 33040

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	11.4	7.4	11.2#

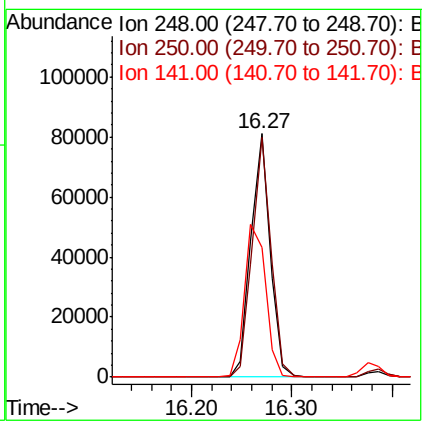


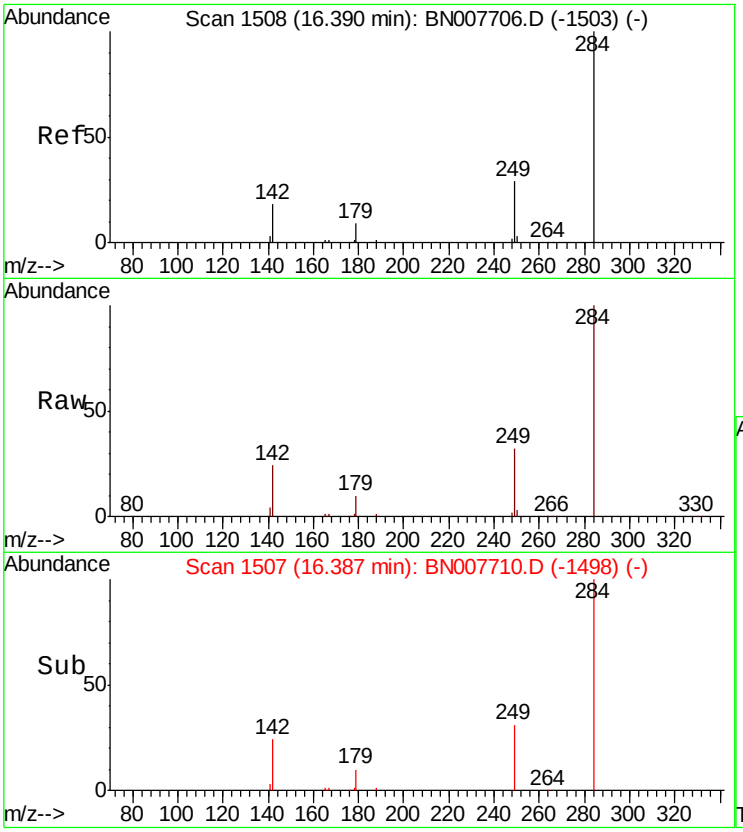


#20
4-Bromophenyl-phenylether
Concen: 5.503 ng
RT: 16.27 min Scan# 1496
Delta R.T. -0.00 min
Lab File: BN007710.D
Acq: 18 Sep 2019 17:47

Tgt Ion:248 Resp: 107505

Ion	Ratio	Lower	Upper
248	100		
250	98.3	82.2	123.4
141	53.5	36.3	54.5



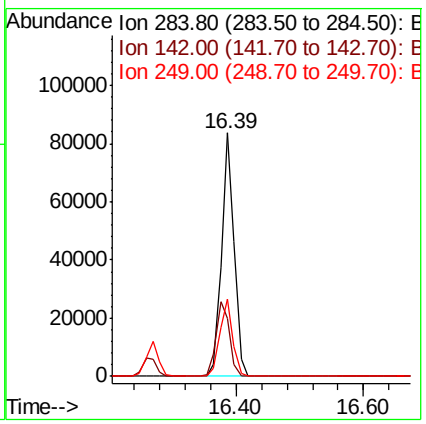


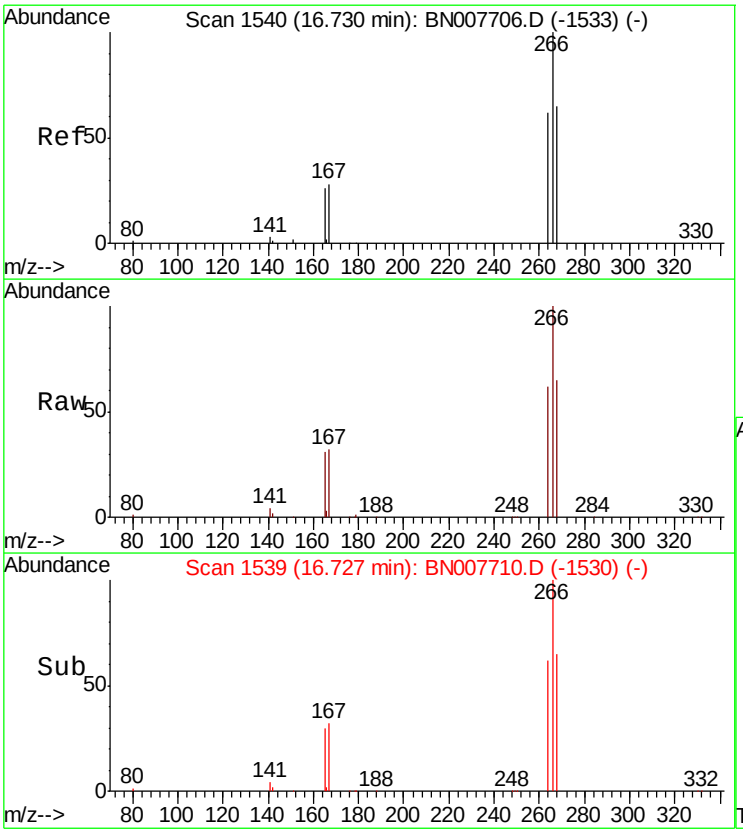
#21
Hexachlorobenzene
Concen: 5.532 ng
RT: 16.39 min Scan# 1507
Delta R.T. -0.00 min
Lab File: BN007710.D
Acq: 18 Sep 2019 17:47

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:284 Resp: 113685

Ion	Ratio	Lower	Upper
284	100		
142	32.6	25.8	38.6
249	32.0	25.9	38.9

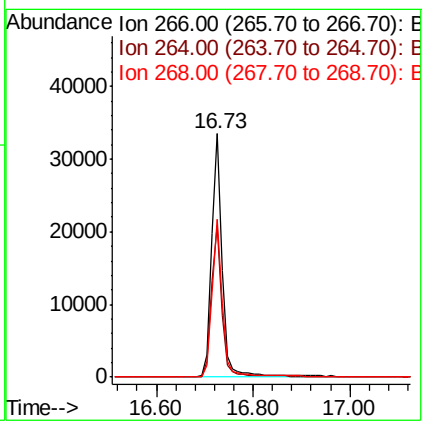


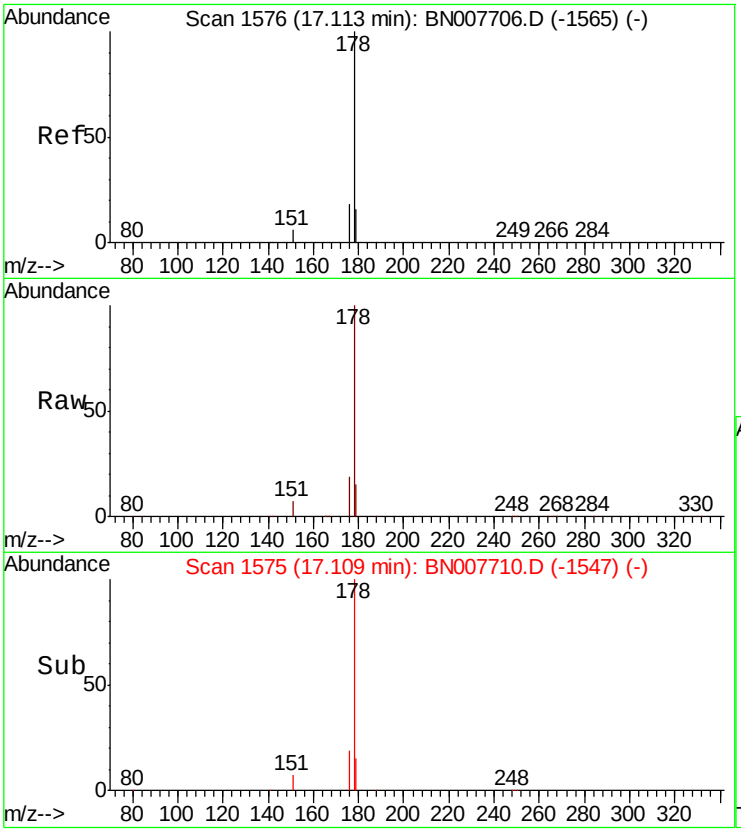


#22
Pentachlorophenol
Concen: 8.834 ng
RT: 16.73 min Scan# 1539
Delta R.T. -0.00 min
Lab File: BN007710.D
Acq: 18 Sep 2019 17:47

Tgt Ion:266 Resp: 50461

Ion	Ratio	Lower	Upper
266	100		
264	62.1	50.0	75.0
268	64.7	54.2	81.4



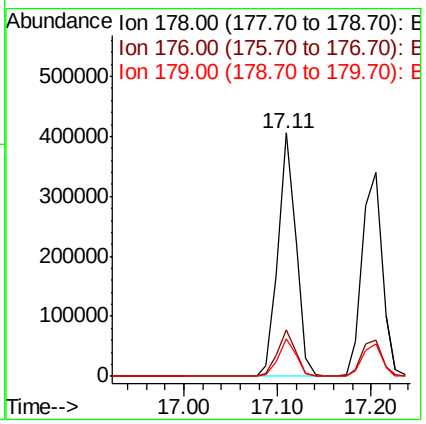


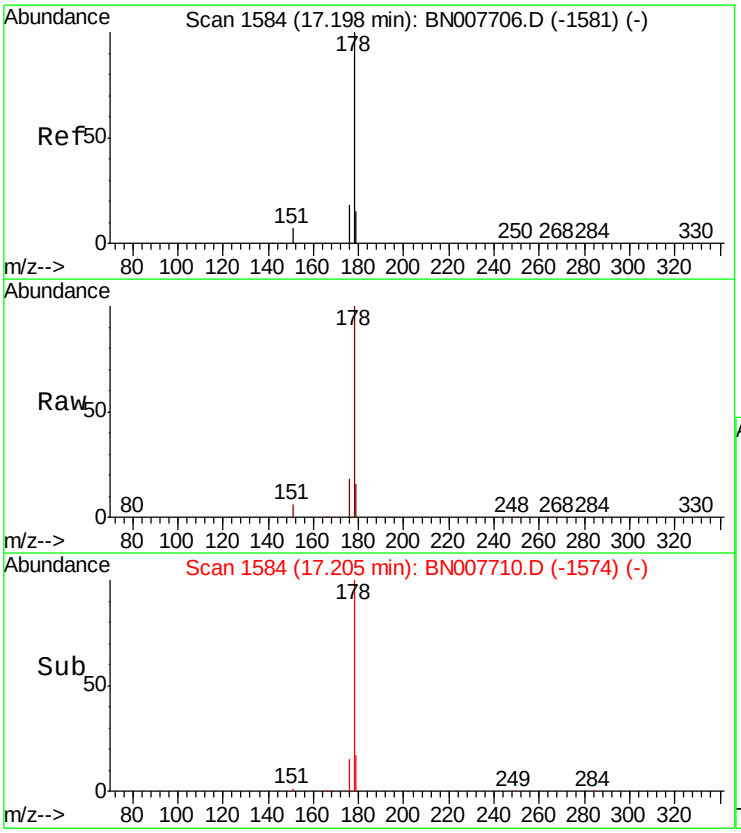
#23
Phenanthrene
Concen: 5.300 ng
RT: 17.11 min Scan# 1575
Delta R.T. -0.00 min
Lab File: BN007710.D
Acq: 18 Sep 2019 17:47

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 540496

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

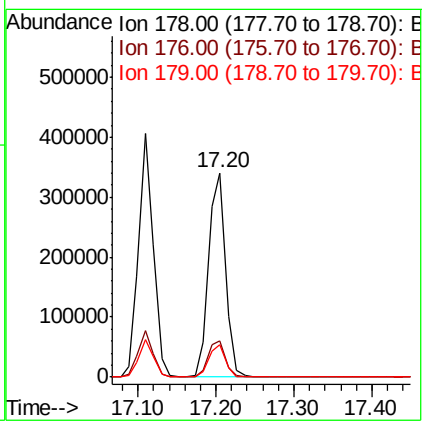


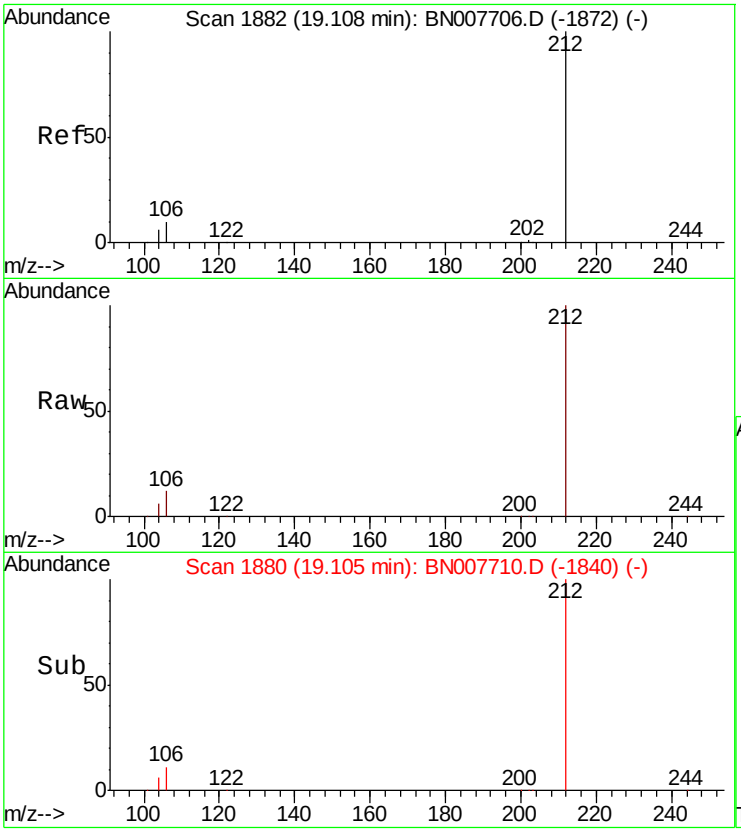


#24
Anthracene
Concen: 5.437 ng
RT: 17.20 min Scan# 1584
Delta R.T. 0.01 min
Lab File: BN007710.D
Acq: 18 Sep 2019 17:47

Tgt Ion:178 Resp: 511489

Ion	Ratio	Lower	Upper
178	100		
176	18.1	14.6	21.8
179	15.5	12.2	18.4



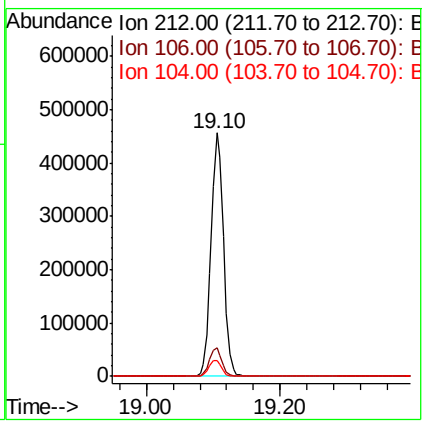


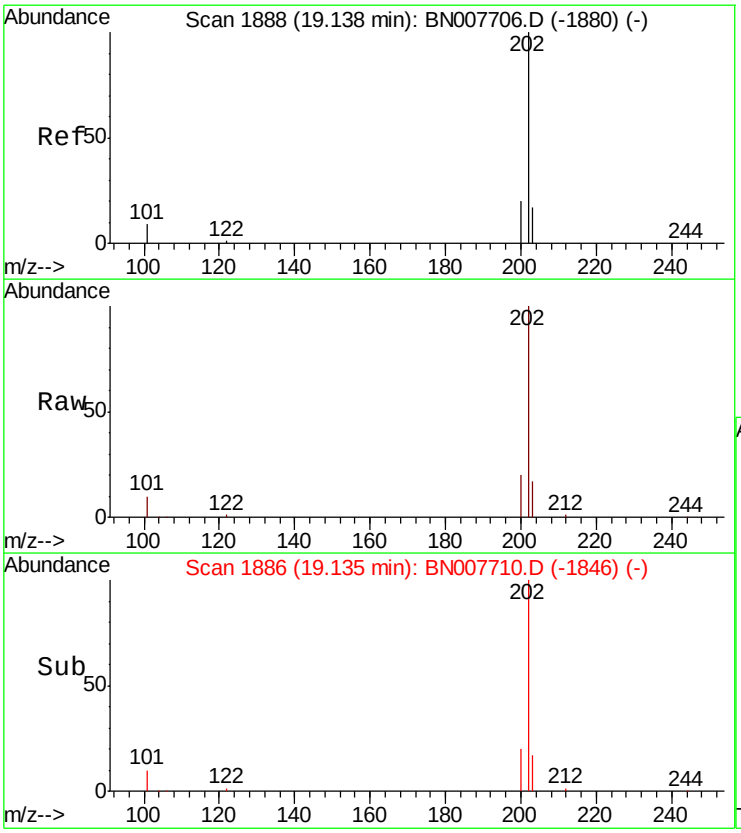
#25
Fluoranthene-d10
Concen: 5.479 ng
RT: 19.10 min Scan# 1880
Delta R.T. -0.00 min
Lab File: BN007710.D
Acq: 18 Sep 2019 17:47

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:212 Resp: 588088

Ion	Ratio	Lower	Upper
212	100		
106	11.7	9.4	14.0
104	6.6	5.3	7.9

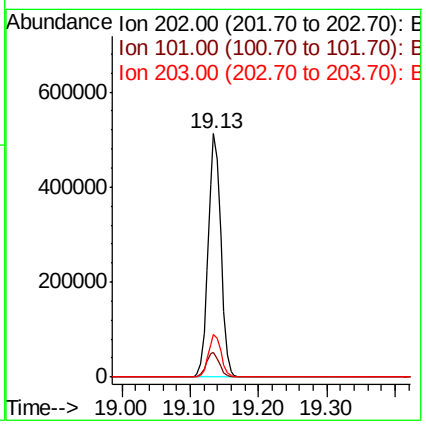


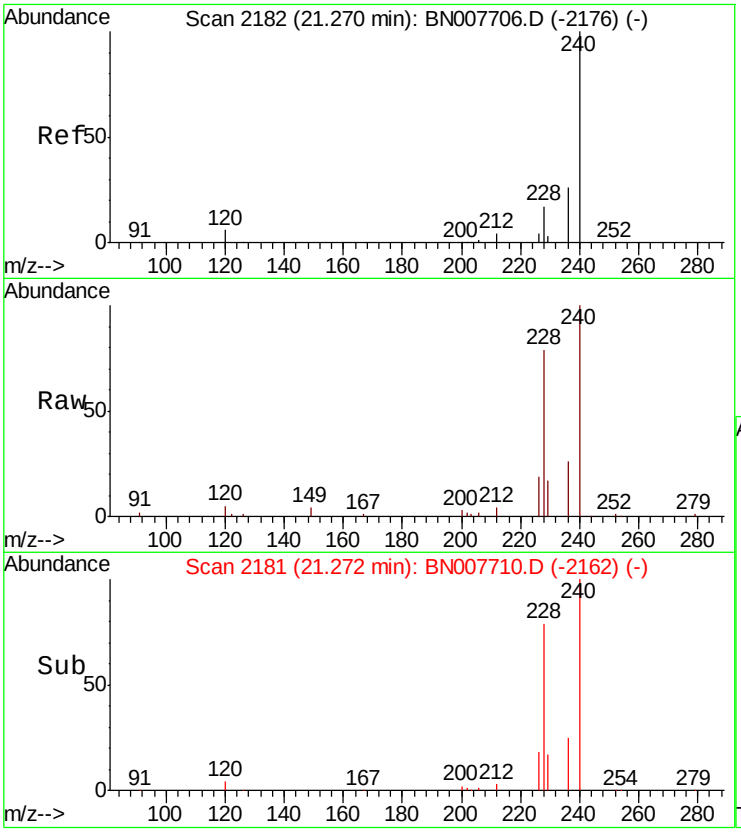


#26
Fluoranthene
Concen: 5.367 ng
RT: 19.13 min Scan# 1886
Delta R.T. -0.00 min
Lab File: BN007710.D
Acq: 18 Sep 2019 17:47

Tgt Ion:202 Resp: 664147

Ion	Ratio	Lower	Upper
202	100		
101	10.6	8.4	12.6
203	17.4	13.8	20.8



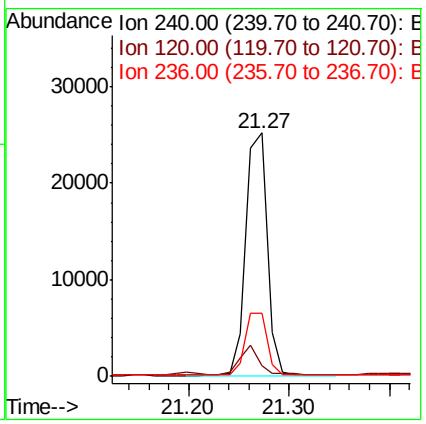


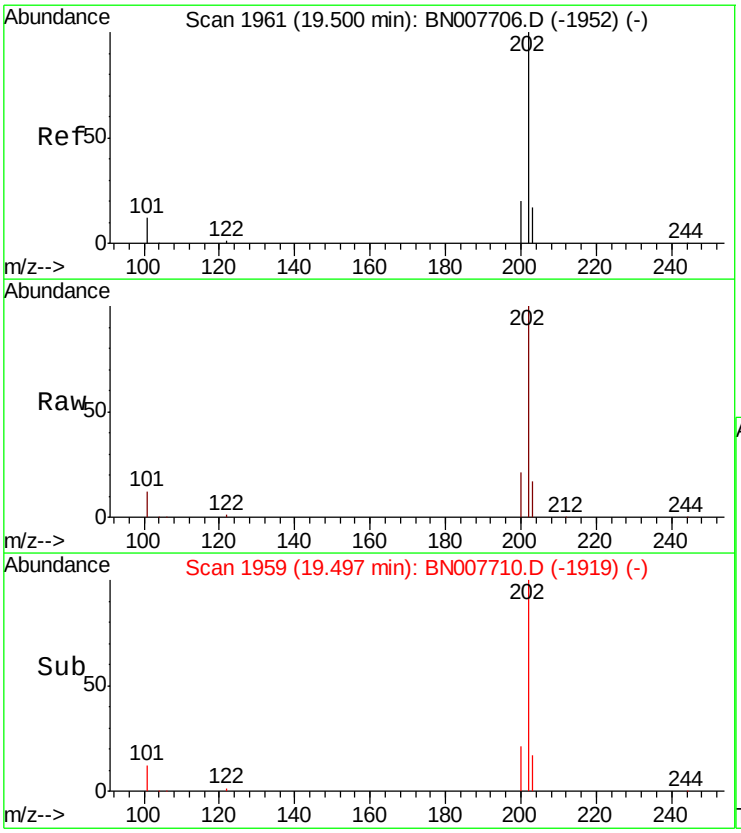
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.27 min Scan# 2181
Delta R.T. 0.00 min
Lab File: BN007710.D
Acq: 18 Sep 2019 17:47

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:240 Resp: 37146

Ion	Ratio	Lower	Upper
240	100		
120	4.6	5.4	8.2#
236	25.8	21.0	31.4

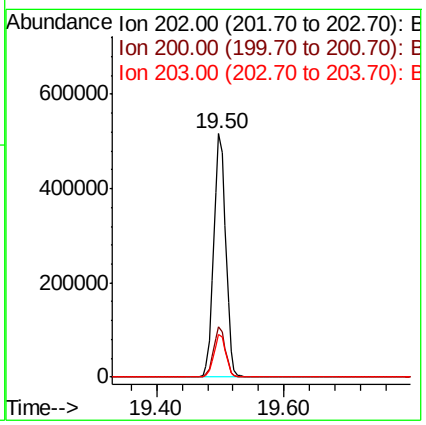


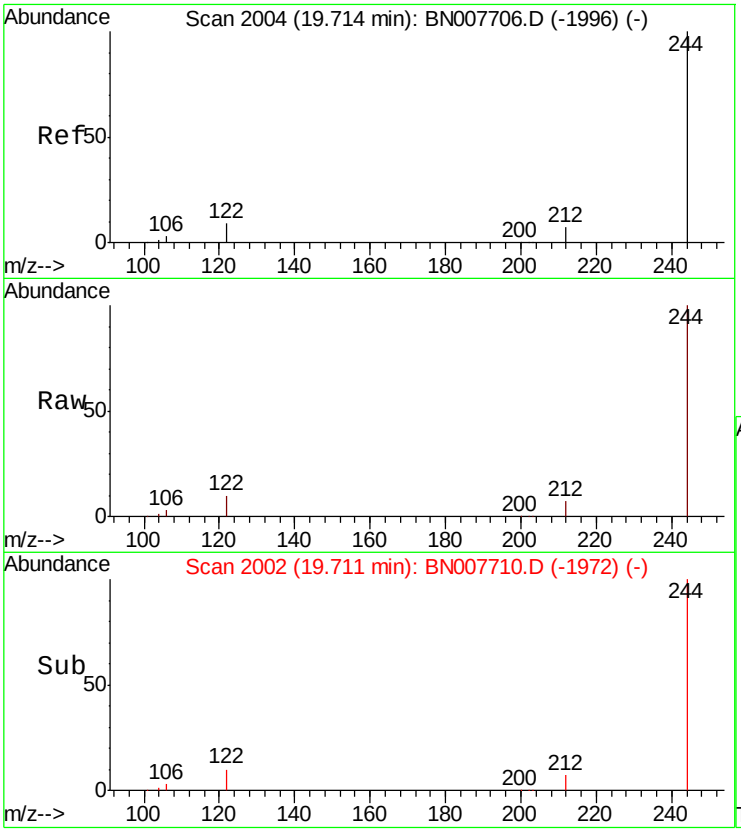


#28
Pyrene
Concen: 5.039 ng
RT: 19.50 min Scan# 1959
Delta R.T. -0.00 min
Lab File: BN007710.D
Acq: 18 Sep 2019 17:47

Tgt Ion:202 Resp: 672738

Ion	Ratio	Lower	Upper
202	100		
200	20.4	16.4	24.6
203	17.6	14.1	21.1



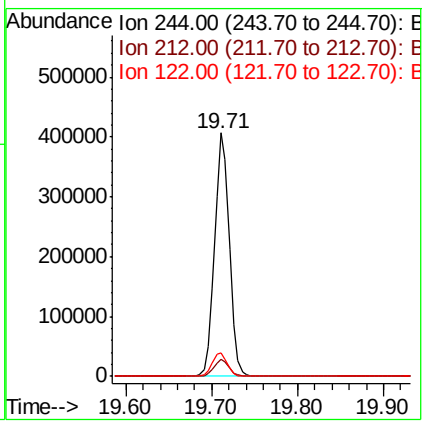


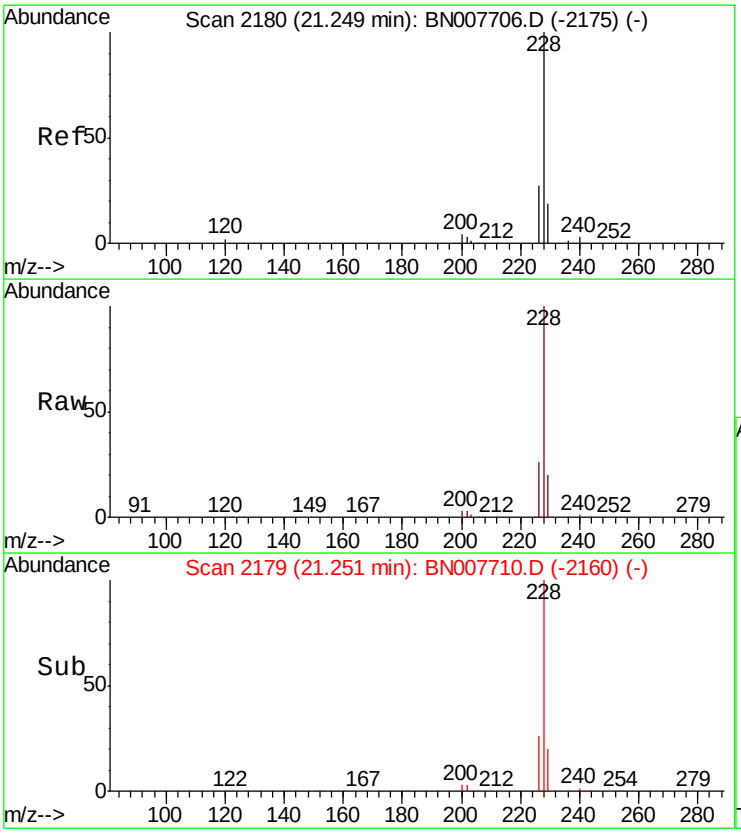
#29
Terphenyl-d14
Concen: 4.991 ng
RT: 19.71 min Scan# 2002
Delta R.T. -0.00 min
Lab File: BN007710.D
Acq: 18 Sep 2019 17:47

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:244 Resp: 482314

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.9	8.9
122	9.8	7.4	11.2

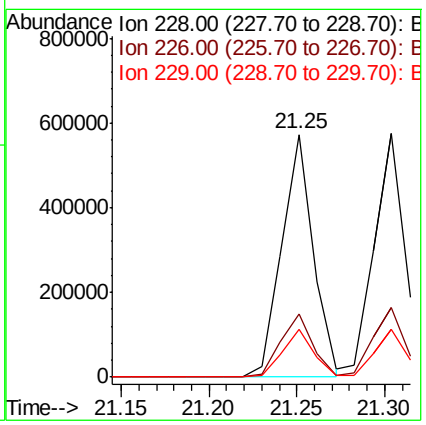


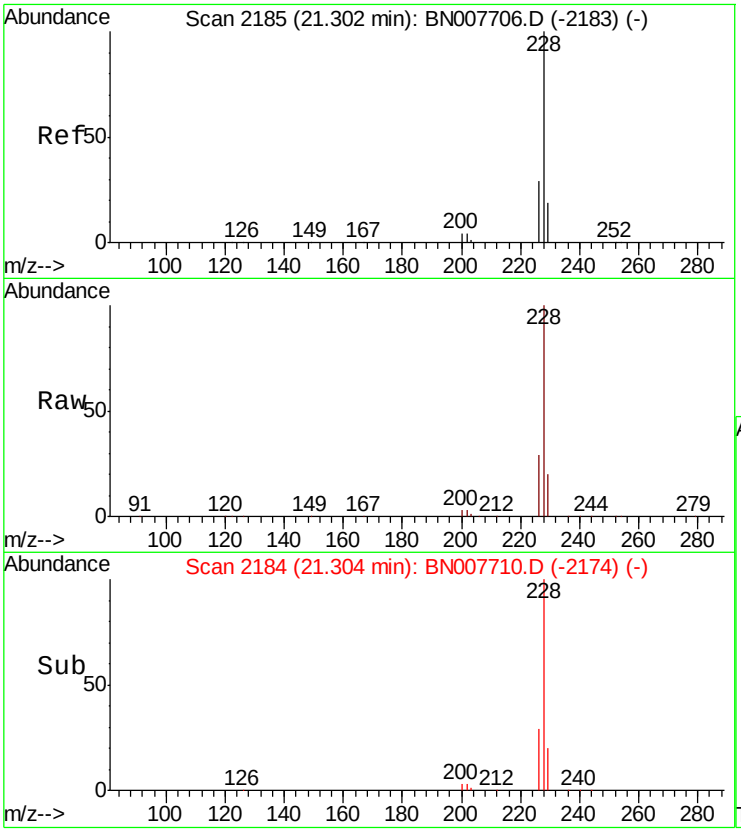


#30
Benzo(a)anthracene
Concen: 5.401 ng
RT: 21.25 min Scan# 2179
Delta R.T. 0.00 min
Lab File: BN007710.D
Acq: 18 Sep 2019 17:47

Tgt Ion:228 Resp: 717800

Ion	Ratio	Lower	Upper
228	100		
226	26.0	22.1	33.1
229	19.8	15.8	23.6



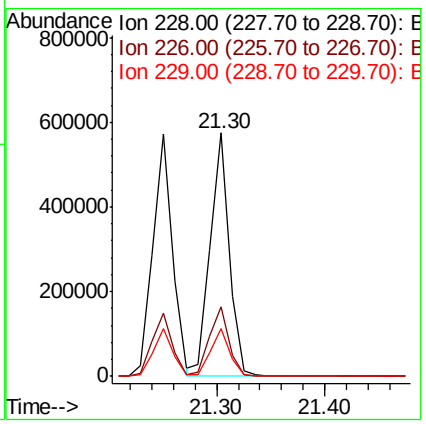


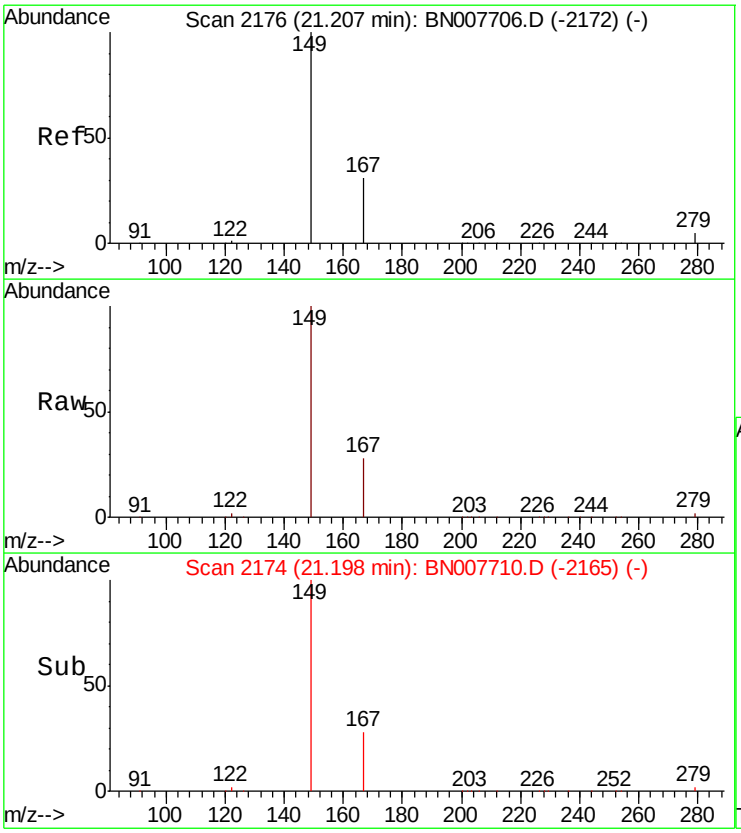
#31
Chrysene
Concen: 5.218 ng
RT: 21.30 min Scan# 2184
Delta R.T. 0.00 min
Lab File: BN007710.D
Acq: 18 Sep 2019 17:47

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 704700

Ion	Ratio	Lower	Upper
228	100		
226	28.8	23.9	35.9
229	19.8	15.8	23.6

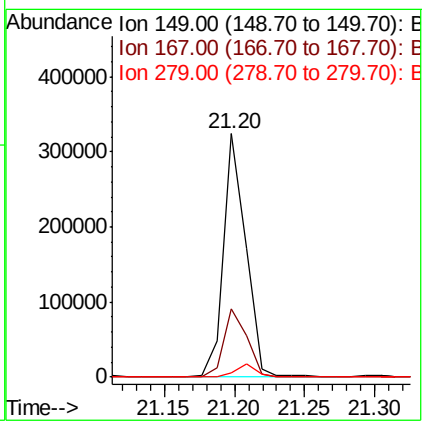


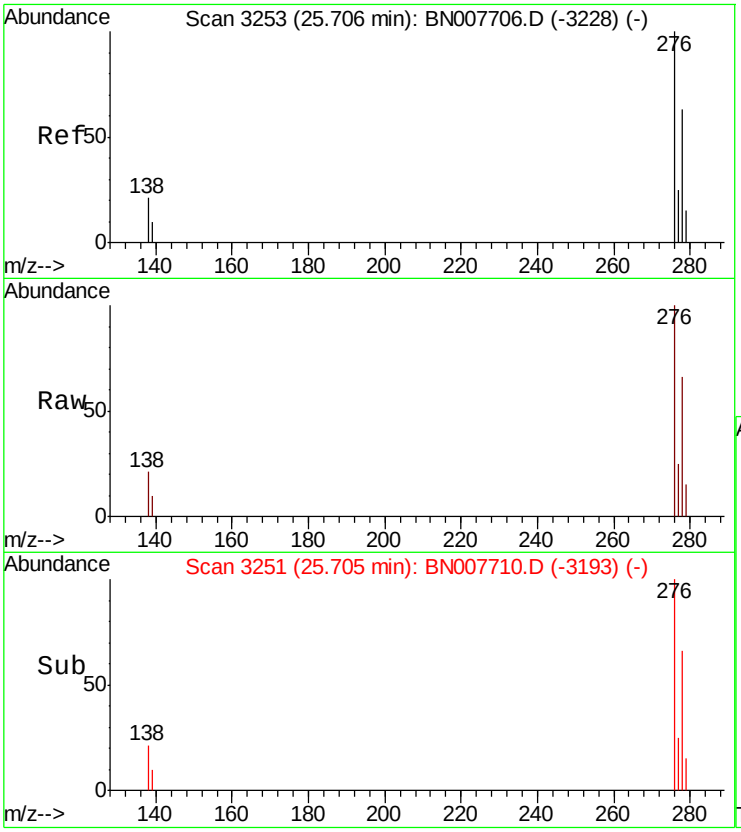


#32
Bis(2-ethylhexyl)phthalate
Concen: 7.795 ng
RT: 21.20 min Scan# 2174
Delta R.T. -0.01 min
Lab File: BN007710.D
Acq: 18 Sep 2019 17:47

Tgt Ion:149 Resp: 354584

Ion	Ratio	Lower	Upper
149	100		
167	29.2	23.7	35.5
279	5.1	4.2	6.2



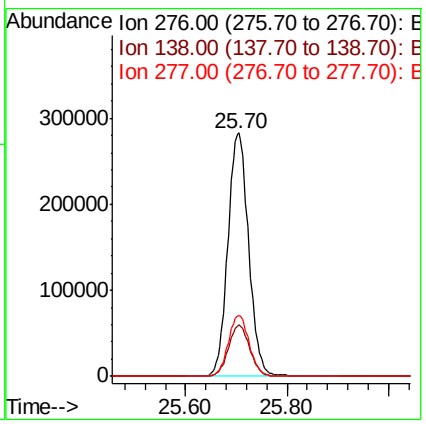


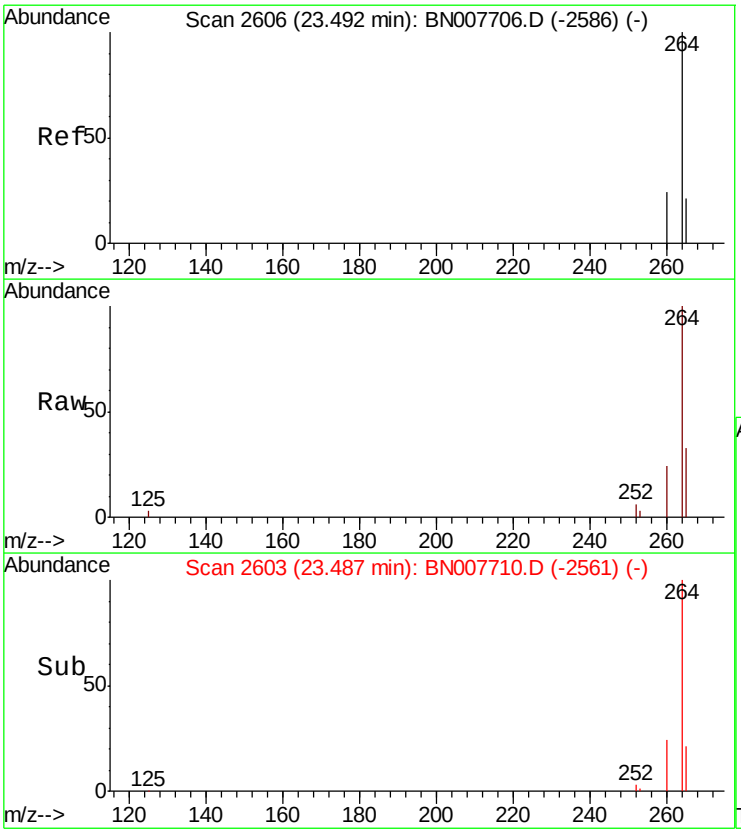
#33
Indeno(1,2,3-cd)pyrene
Concen: 5.599 ng
RT: 25.70 min Scan# 3251
Delta R.T. -0.00 min
Lab File: BN007710.D
Acq: 18 Sep 2019 17:47

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 799359

Ion	Ratio	Lower	Upper
276	100		
138	21.6	17.1	25.7
277	25.1	20.0	30.0

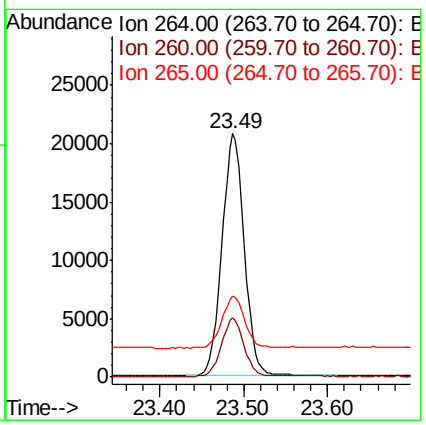


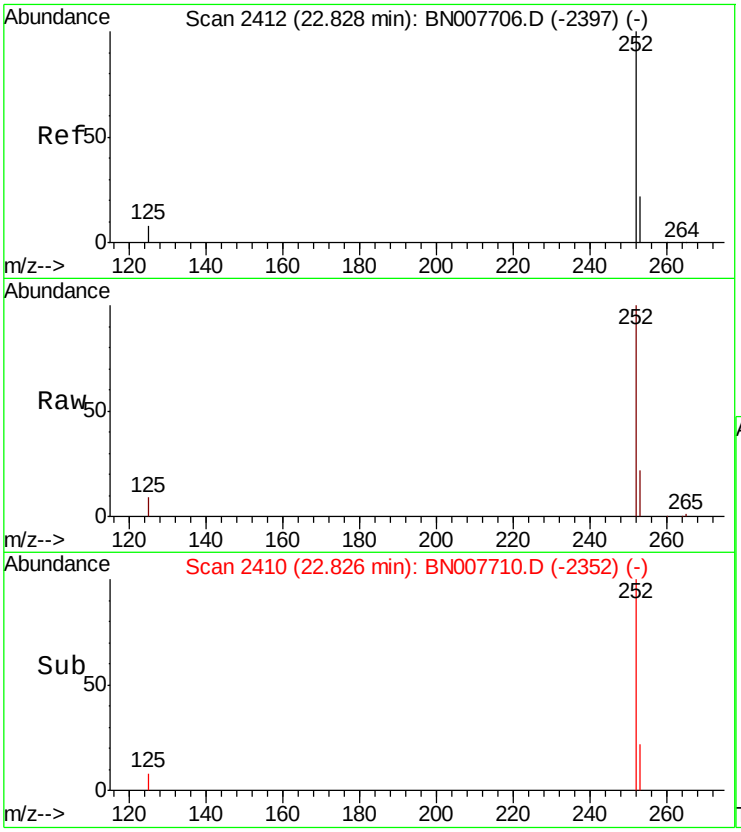


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.49 min Scan# 2603
Delta R.T. -0.00 min
Lab File: BN007710.D
Acq: 18 Sep 2019 17:47

Tgt Ion:264 Resp: 38034

Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.3	28.9
265	33.2	26.9	40.3



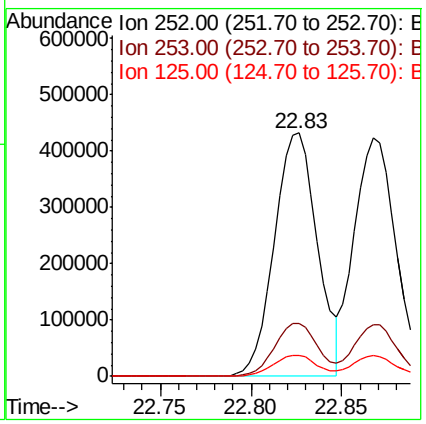


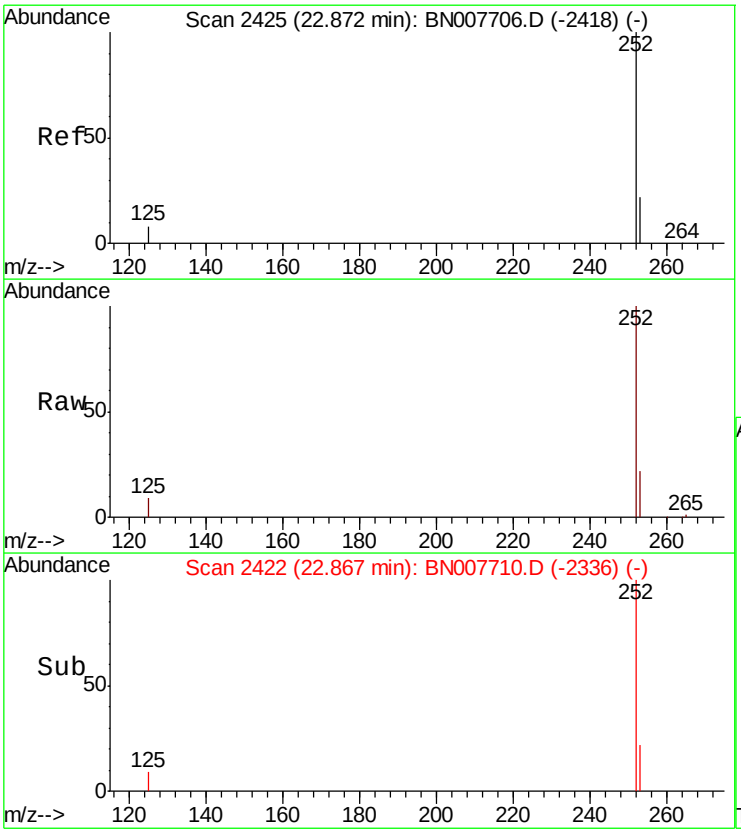
#35
Benzo(b)fluoranthene
Concen: 5.263 ng
RT: 22.83 min Scan# 2410
Delta R.T. -0.00 min
Lab File: BN007710.D
Acq: 18 Sep 2019 17:47

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 711736

Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.3	27.5
125	8.6	8.2	12.4

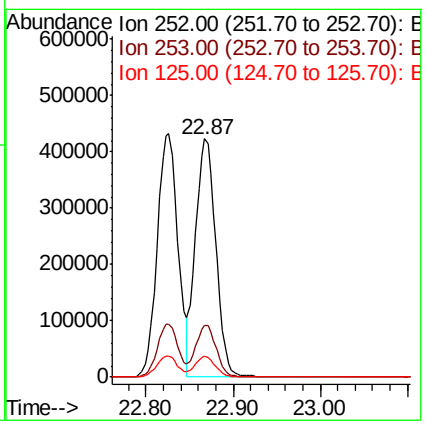


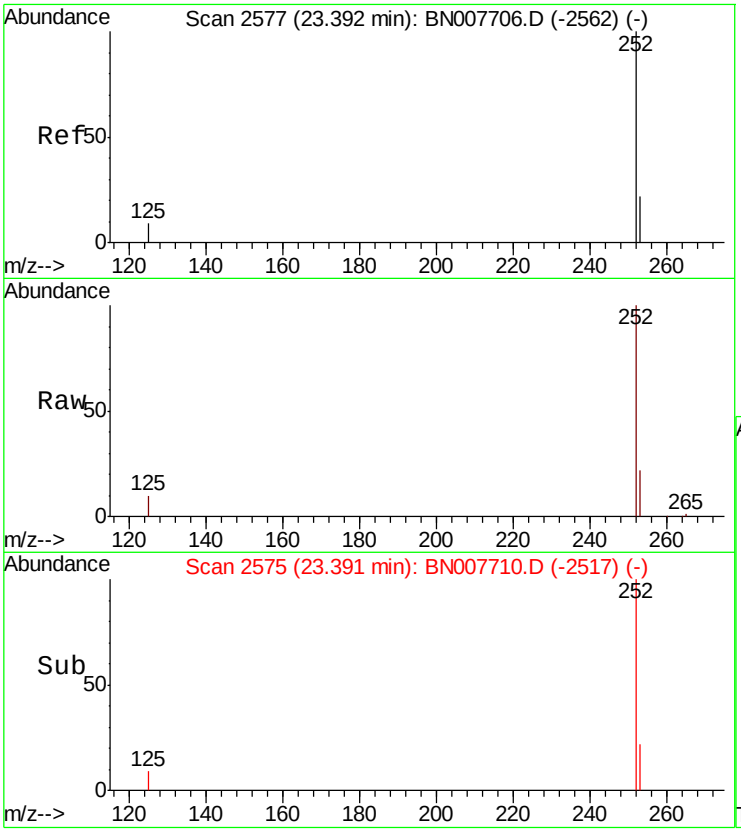


#36
Benzo(k)fluoranthene
Concen: 5.107 ng
RT: 22.87 min Scan# 2422
Delta R.T. -0.00 min
Lab File: BN007710.D
Acq: 18 Sep 2019 17:47

Tgt Ion:252 Resp: 682499

Ion	Ratio	Lower	Upper
252	100		
253	21.8	18.5	27.7
125	8.7	8.4	12.6



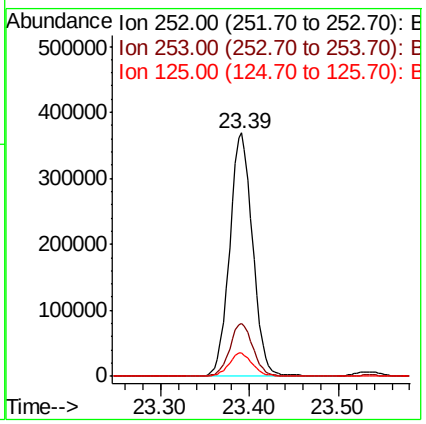


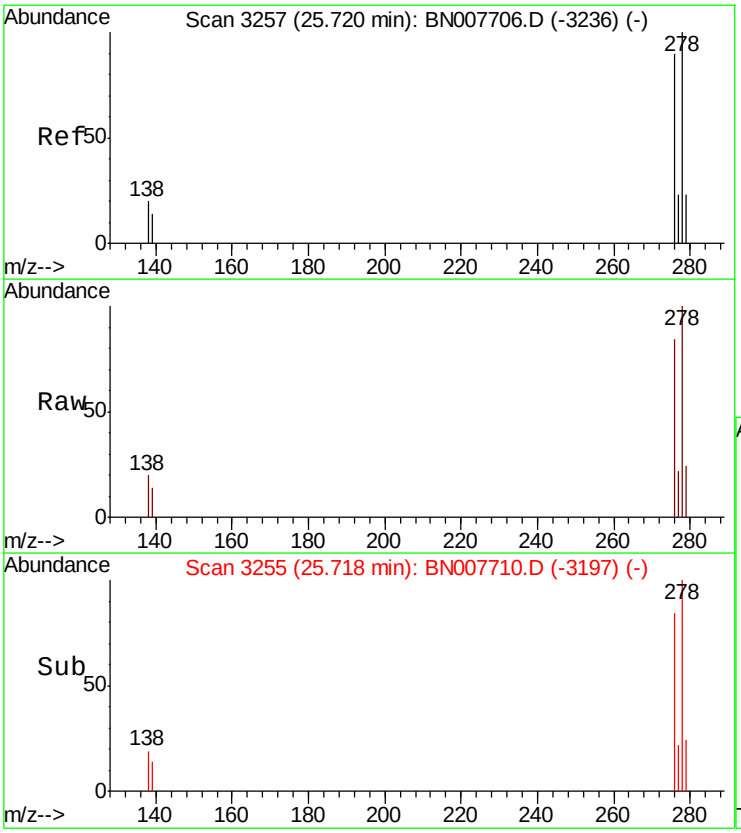
#37
Benzo(a)pyrene
Concen: 5.469 ng
RT: 23.39 min Scan# 2575
Delta R.T. -0.00 min
Lab File: BN007710.D
Acq: 18 Sep 2019 17:47

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 657655

Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.6	27.8
125	9.5	9.4	14.0

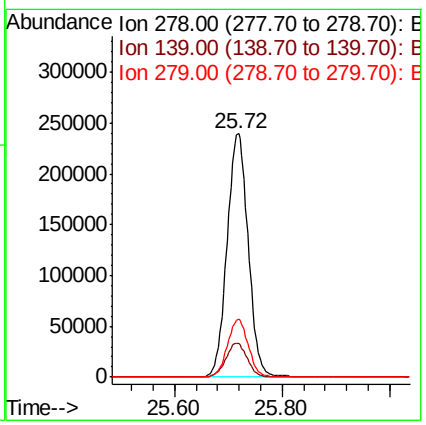


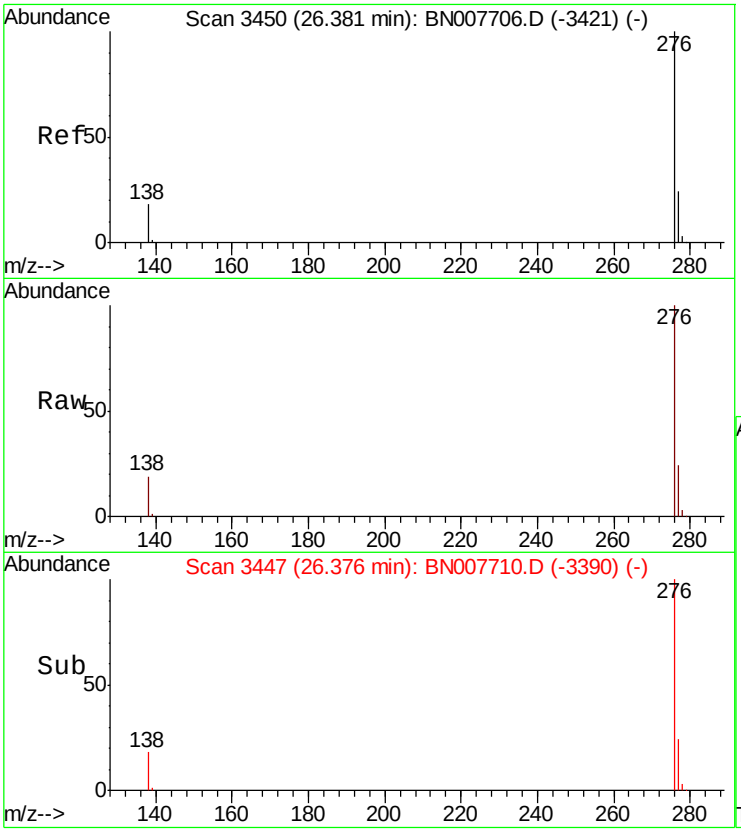


#38
Dibenzo(a,h)anthracene
Concen: 5.398 ng
RT: 25.72 min Scan# 3255
Delta R.T. -0.00 min
Lab File: BN007710.D
Acq: 18 Sep 2019 17:47

Tgt Ion:278 Resp: 651714

Ion	Ratio	Lower	Upper
278	100		
139	14.0	11.8	17.6
279	23.6	19.4	29.2





#39
Benzo(g,h,i)perylene
Concen: 5.310 ng
RT: 26.38 min Scan# 3447
Delta R.T. -0.00 min
Lab File: BN007710.D
Acq: 18 Sep 2019 17:47

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 649163

Ion	Ratio	Lower	Upper
276	100		
277	23.7	19.8	29.8
138	18.6	15.1	22.7