Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091119\
Data File : BN007586.D
Acq On : 11 Sep 2019 13:47
Operator : HP/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId :

Quant Time: Sep 11 16:18:35 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN091019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 11 14:14:20 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	5107	0.40	ng		0.00
7) Naphthalene-d8	10.49	136	20668	0.40	ng		0.00
13) Acenaphthene-d10	14.35	164	12637	0.40	ng		0.00
19) Phenanthrene-d10	17.09	188	27968	0.40	ng		0.00
27) Chrysene-d12	21.28	240	30995	0.40	ng		-0.01
34) Perylene-d12	23.51	264	36017	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.34	112	6672	0.43	ng		0.00
5) Phenol-d6	6.90	99	8565	0.41	ng		0.00
8) Nitrobenzene-d5	8.86	82	7411	0.59	ng		0.00
11) 2-Methylnaphthalene-d10	12.09	152	15130	0.42	ng		0.00
14) 2,4,6-Tribromophenol	15.83	330	2219	0.46	ng		-0.01
15) 2-Fluorobiphenyl	12.97	172	20961	0.40	ng		-0.01
25) Fluoranthene-d10	19.12	212	40248	0.44	ng		0.00
29) Terphenyl-d14	19.73	244	34493	0.43	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.33	88	2165	0.464	ng		96
3) n-Nitrosodimethylamine	3.03	42	1685	0.552	ng	#	100
6) bis(2-Chloroethyl)ether	7.16	93	5700	0.575	ng	#	83
9) Naphthalene	10.54	128	24876	0.428	ng		99
10) Hexachlorobutadiene	10.85	225	5250	0.450	ng	#	99
12) 2-Methylnaphthalene	12.16	142	17234	0.423	ng		99
16) Acenaphthylene	14.06	152	26564	0.391	ng		100
17) Acenaphthene	14.40	154	16687	0.389	ng		99
18) Fluorene	15.39	166	21980	0.389	ng		100
20) 4-Bromophenyl-phenylether	16.29	248	7306	0.442	ng	#	88
21) Hexachlorobenzene	16.40	284	7773	0.447	ng		99
22) Pentachlorophenol	16.74	266	2214	0.553	ng		98
23) Phenanthrene	17.12	178	37008	0.429	ng		100
24) Anthracene	17.22	178	34459	0.433	ng		99
26) Fluoranthene	19.15	202	45913	0.438	ng		100
28) Pyrene	19.52	202	46794	0.420	ng		100
30) Benzo(a)anthracene	21.27	228	48245	0.435	ng		98
31) Chrysene	21.31	228	48134	0.427	ng		98
32) Bis(2-ethylhexyl)phthalate	21.23	149	22505	0.593	ng		98
33) Indeno(1,2,3-cd)pyrene	25.73	276	57147	0.480	ng	#	100
35) Benzo(b)fluoranthene	22.84	252	49559	0.387	ng		99
36) Benzo(k)fluoranthene	22.84	252	49559	0.392	ng		99
37) Benzo(a)pyrene	23.41	252	45342	0.398	ng		99
38) Dibenzo(a,h)anthracene	25.75	278	47589	0.416	ng		98
39) Benzo(g,h,i)perylene	26.41	276	46187	0.399	ng		99

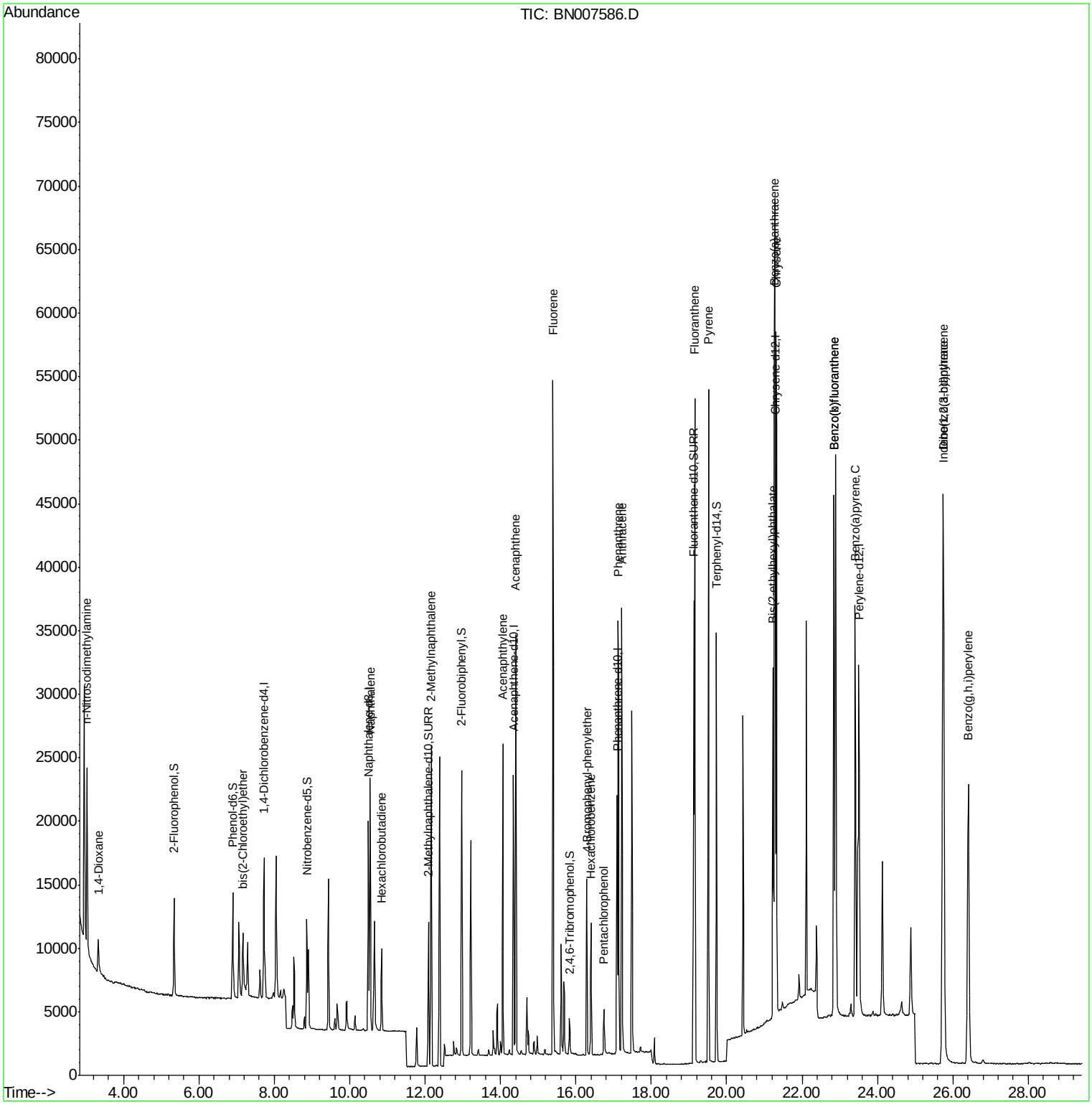
(#) = qualifier out of range (m) = manual integration (+) = signals summed

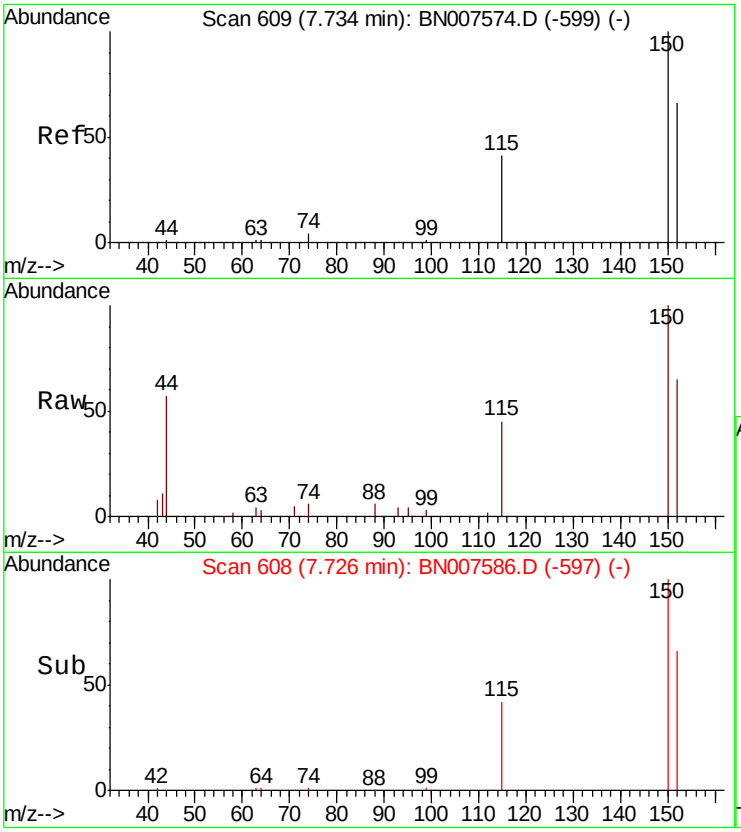
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091119\
Data File : BN007586.D
Acq On : 11 Sep 2019 13:47
Operator : HP/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Sep 11 16:18:35 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN091019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 11 14:14:20 2019
Response via : Initial Calibration



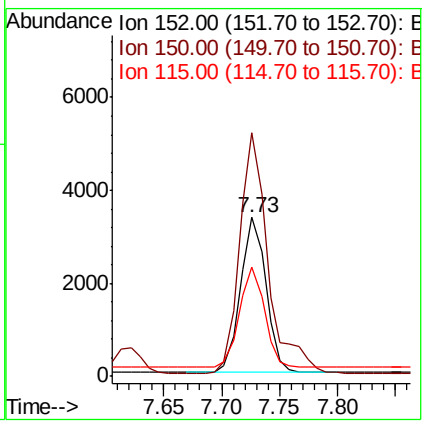


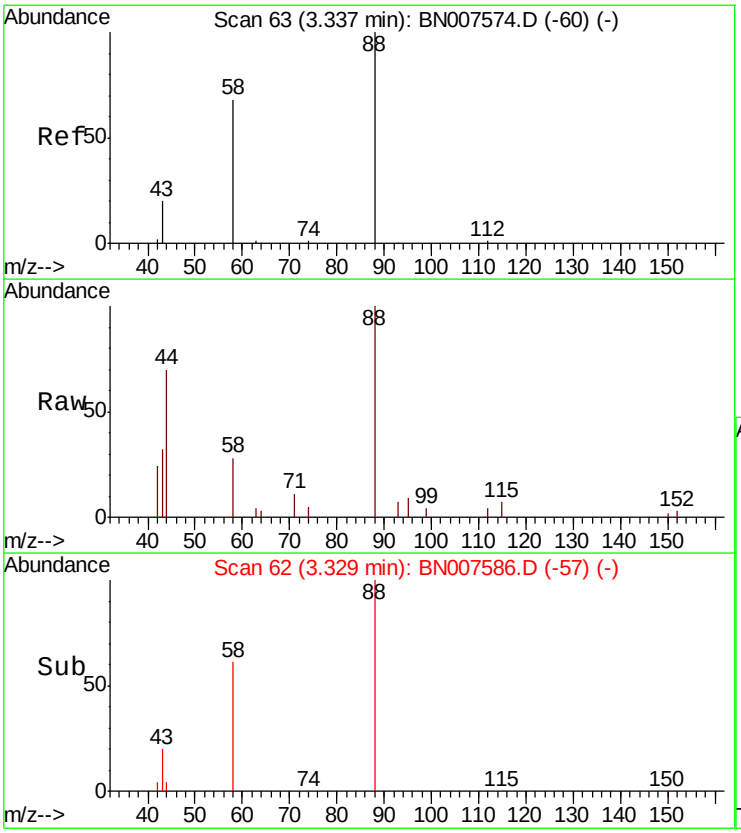
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.73 min Scan# 608
Delta R.T. -0.01 min
Lab File: BN007586.D
Acq: 11 Sep 2019 13:47

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 5107

Ion	Ratio	Lower	Upper
152	100		
150	153.4	119.5	179.3
115	68.7	53.0	79.6

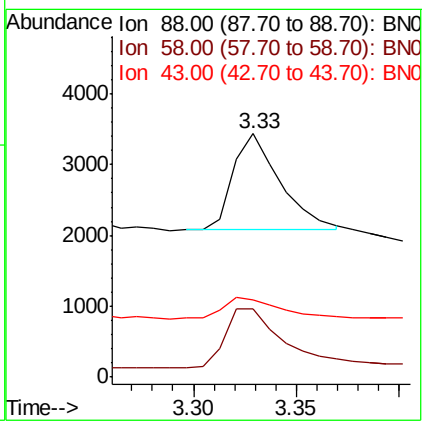


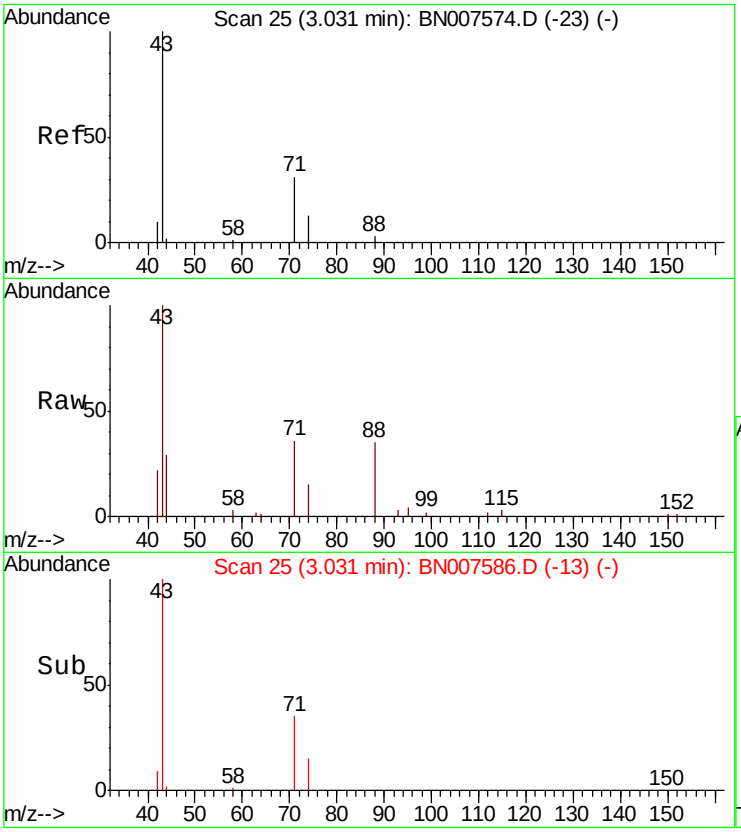


#2
1,4-Dioxane
Concen: 0.464 ng
RT: 3.33 min Scan# 62
Delta R.T. -0.01 min
Lab File: BN007586.D
Acq: 11 Sep 2019 13:47

Tgt Ion: 88 Resp: 2165

Ion	Ratio	Lower	Upper
88	100		
58	76.2	64.6	96.8
43	23.6	19.2	28.8



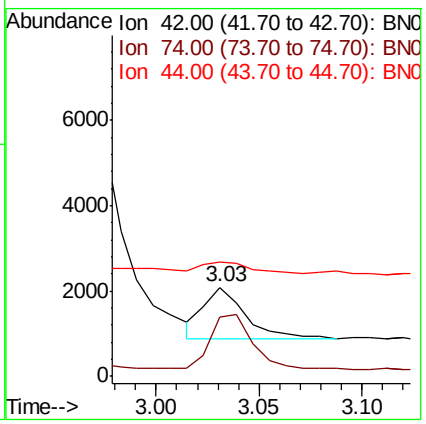


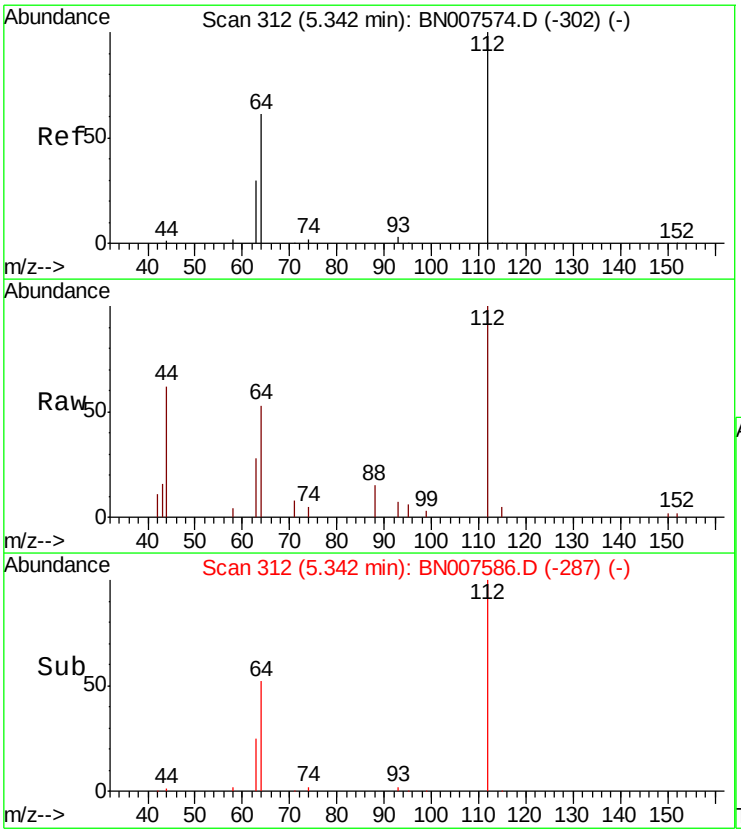
#3
n-Nitrosodimethylamine
Concen: 0.552 ng
RT: 3.03 min Scan# 25
Delta R.T. 0.00 min
Lab File: BN007586.D
Acq: 11 Sep 2019 13:47

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 42 Resp: 1685

Ion	Ratio	Lower	Upper
42	100		
74	108.8	0.0	0.0#
44	25.2	0.0	0.0#

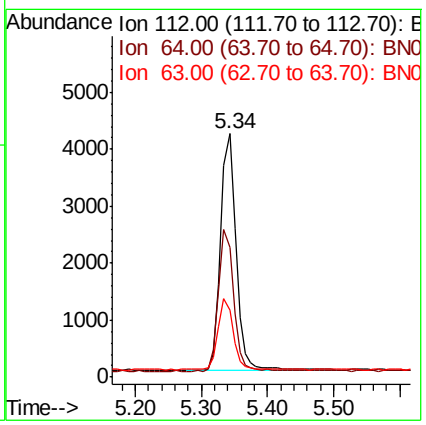


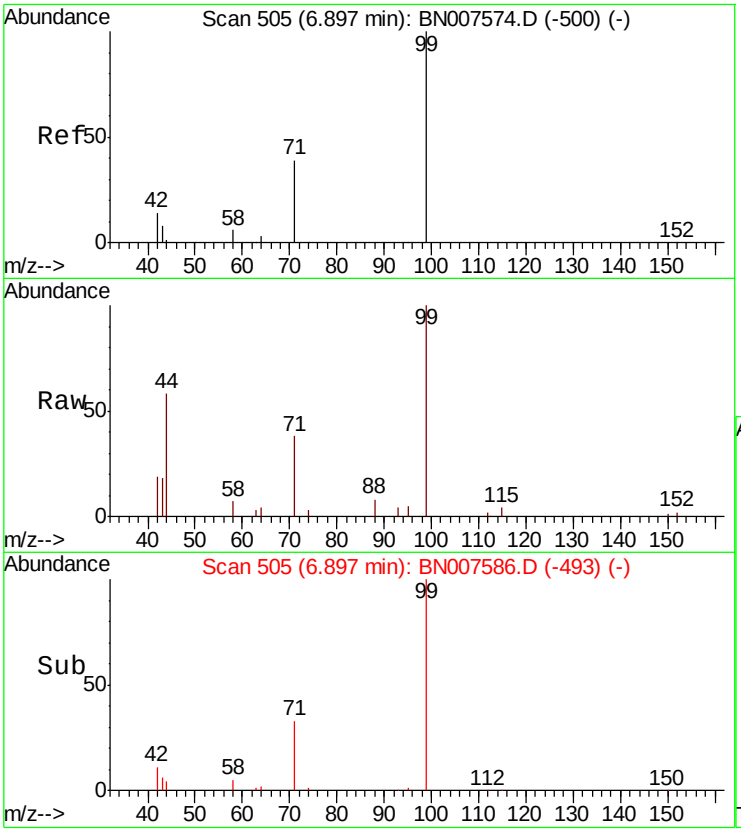


#4
2-Fluorophenol
Concen: 0.429 ng
RT: 5.34 min Scan# 312
Delta R.T. 0.00 min
Lab File: BN007586.D
Acq: 11 Sep 2019 13:47

Tgt Ion:112 Resp: 6672

Ion	Ratio	Lower	Upper
112	100		
64	59.2	49.2	73.8
63	29.9	26.0	39.0



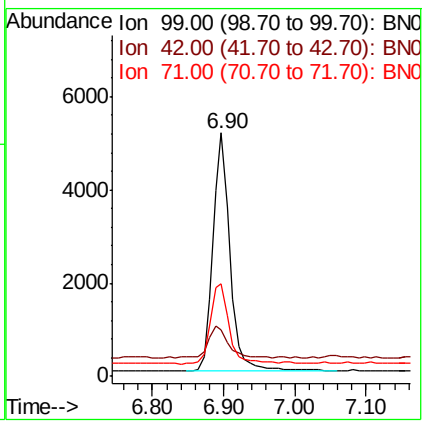


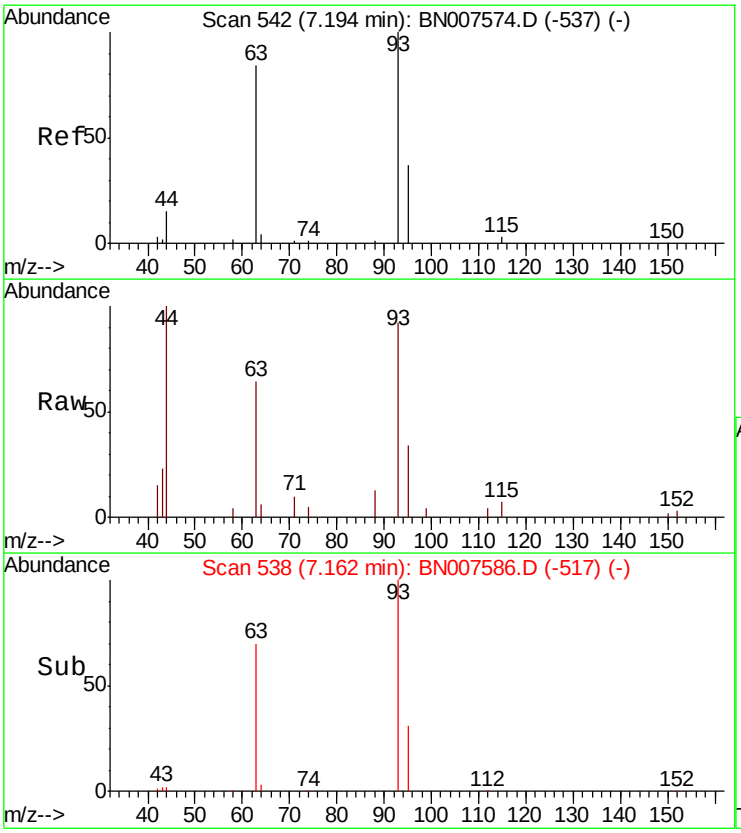
#5
Phenol-d6
Concen: 0.411 ng
RT: 6.90 min Scan# 505
Delta R.T. 0.00 min
Lab File: BN007586.D
Acq: 11 Sep 2019 13:47

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 99 Resp: 8565

Ion	Ratio	Lower	Upper
99	100		
42	15.1	11.8	17.8
71	35.7	28.8	43.2

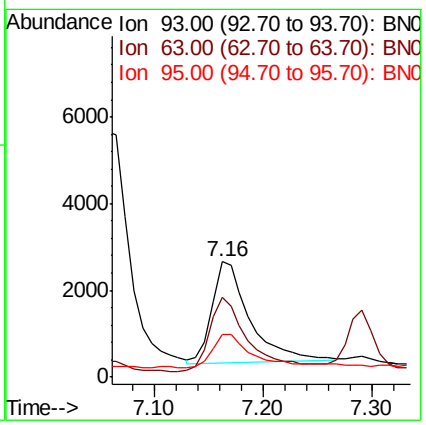


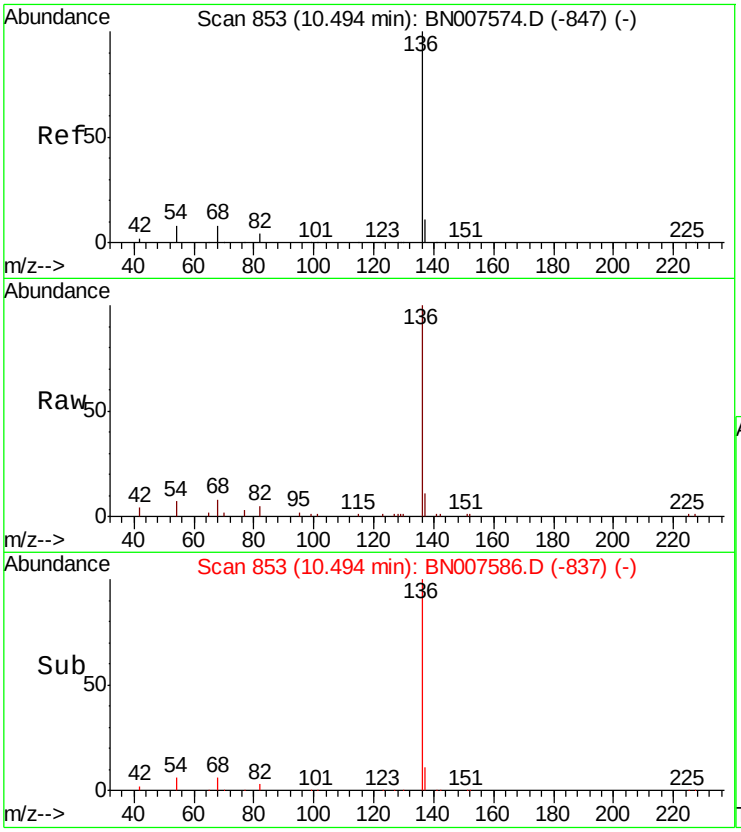


#6
bis(2-Chloroethyl)ether
Concen: 0.575 ng
RT: 7.16 min Scan# 538
Delta R.T. -0.03 min
Lab File: BN007586.D
Acq: 11 Sep 2019 13:47

Tgt Ion: 93 Resp: 5700

Ion	Ratio	Lower	Upper
93	100		
63	74.1	69.8	104.6
95	37.9	42.8	64.2#



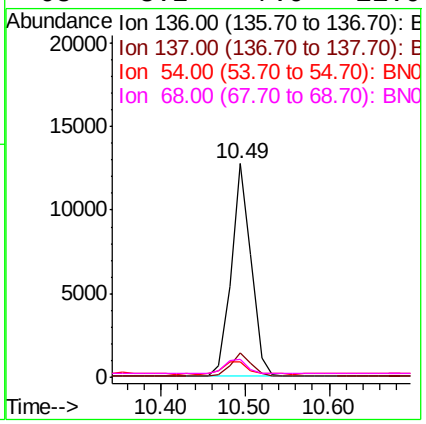


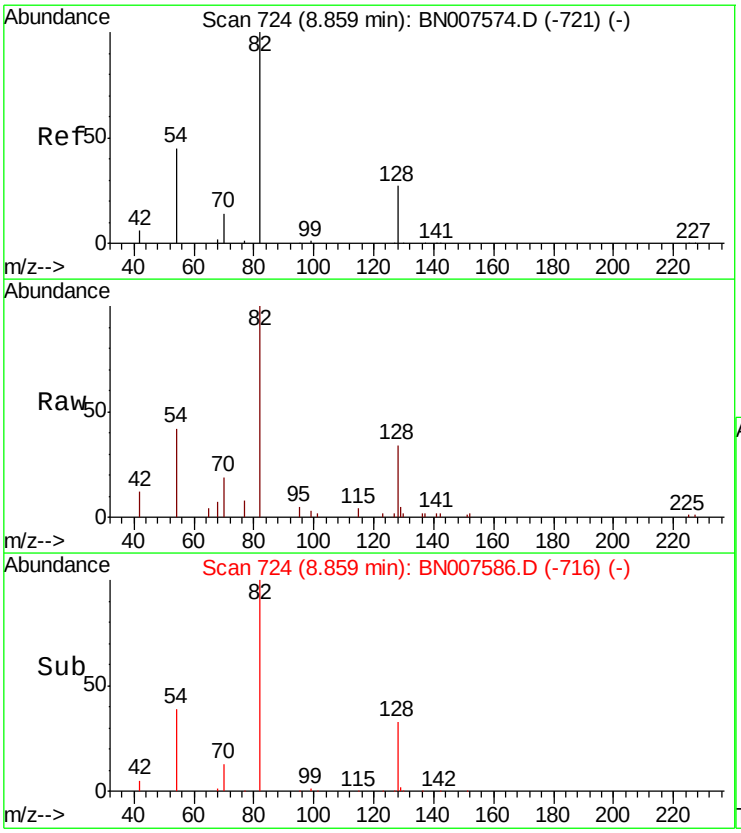
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.49 min Scan# 853
Delta R.T. 0.00 min
Lab File: BN007586.D
Acq: 11 Sep 2019 13:47

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:136 Resp: 20668

Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.1	13.7
54	7.4	7.5	11.3#
68	8.2	7.9	11.9

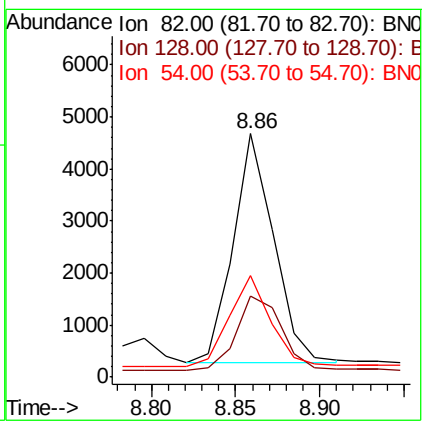


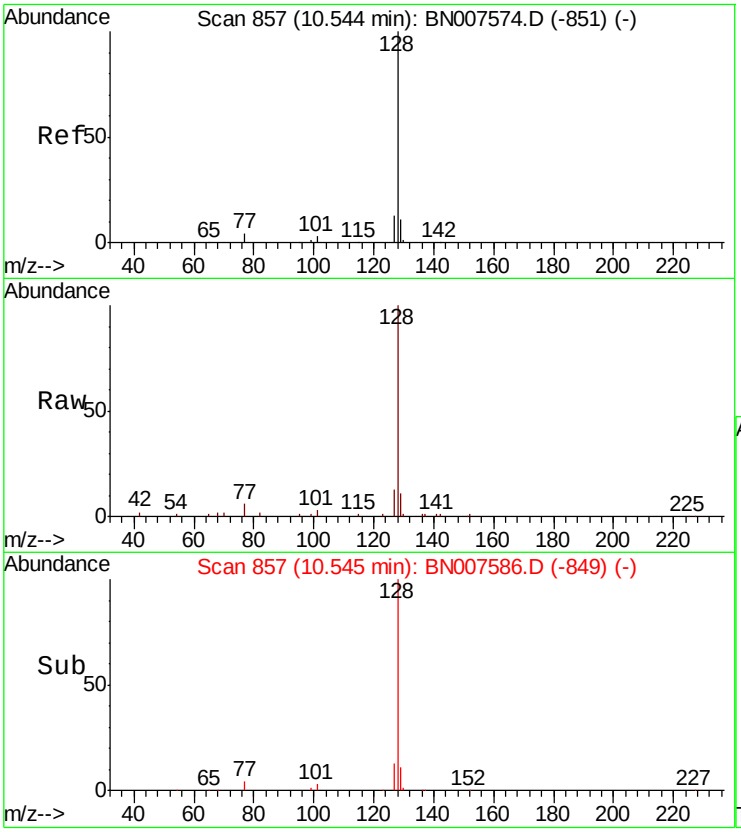


#8
Nitrobenzene-d5
Concen: 0.589 ng
RT: 8.86 min Scan# 724
Delta R.T. 0.00 min
Lab File: BN007586.D
Acq: 11 Sep 2019 13:47

Tgt Ion: 82 Resp: 7411

Ion	Ratio	Lower	Upper
82	100		
128	33.5	23.4	35.2
54	41.6	38.2	57.2



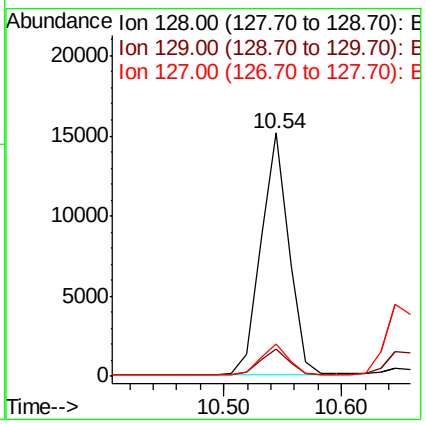


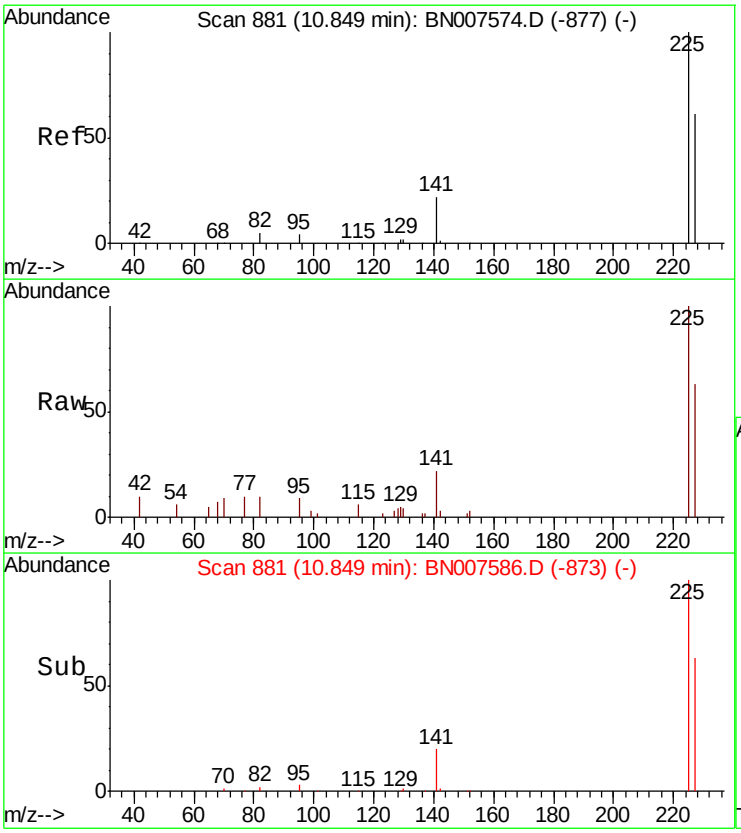
#9
Naphthalene
Concen: 0.428 ng
RT: 10.54 min Scan# 857
Delta R.T. 0.00 min
Lab File: BN007586.D
Acq: 11 Sep 2019 13:47

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:128 Resp: 24876

Ion	Ratio	Lower	Upper
128	100		
129	11.5	9.3	13.9
127	13.3	11.0	16.4

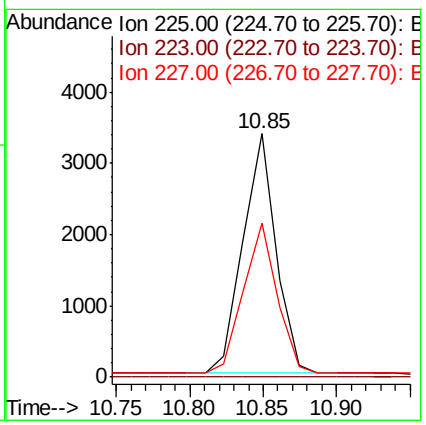


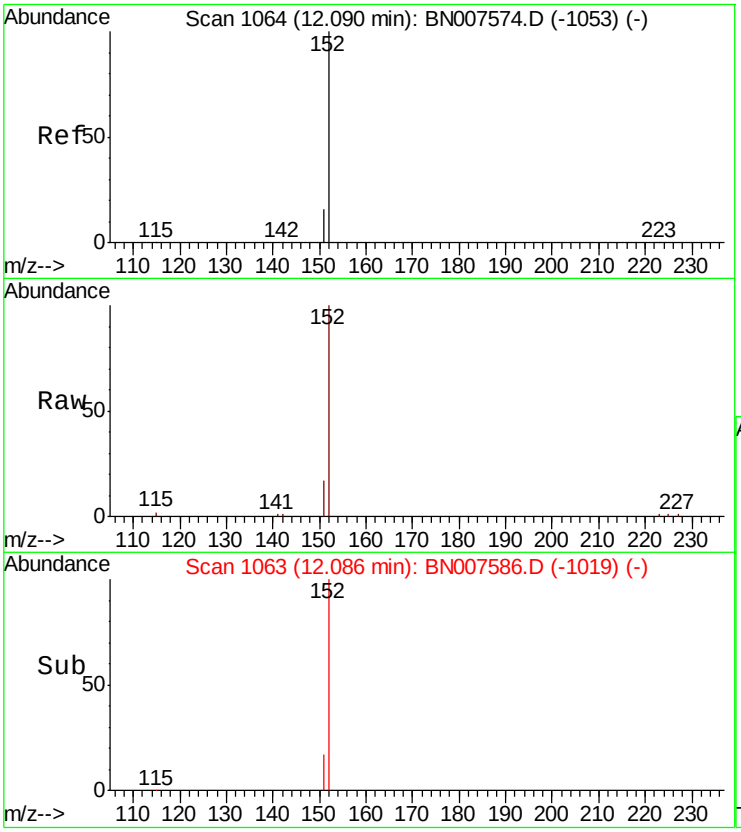


#10
Hexachlorobutadiene
Concen: 0.450 ng
RT: 10.85 min Scan# 881
Delta R.T. 0.00 min
Lab File: BN007586.D
Acq: 11 Sep 2019 13:47

Tgt Ion:225 Resp: 5250

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.8	50.4	75.6



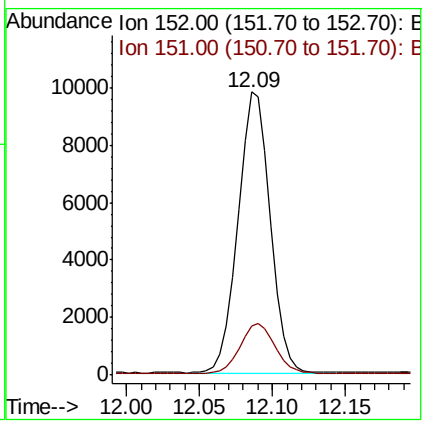


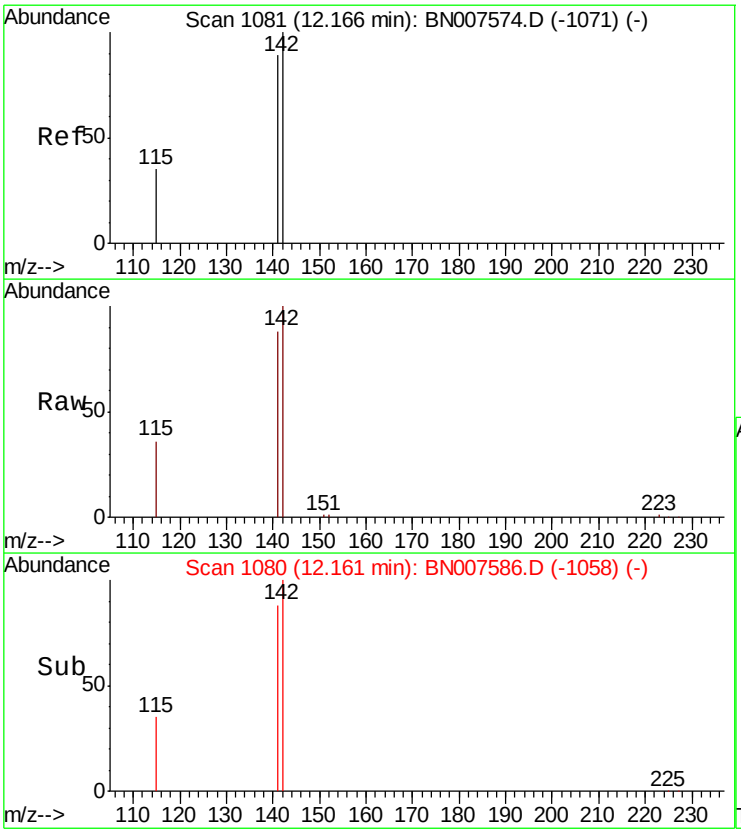
#11
2-Methylnaphthalene-d10
Concen: 0.424 ng
RT: 12.09 min Scan# 1063
Delta R.T. -0.00 min
Lab File: BN007586.D
Acq: 11 Sep 2019 13:47

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 15130

Ion	Ratio	Lower	Upper
152	100		
151	19.2	15.3	22.9

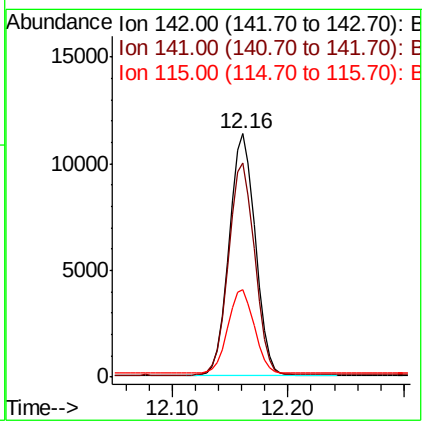


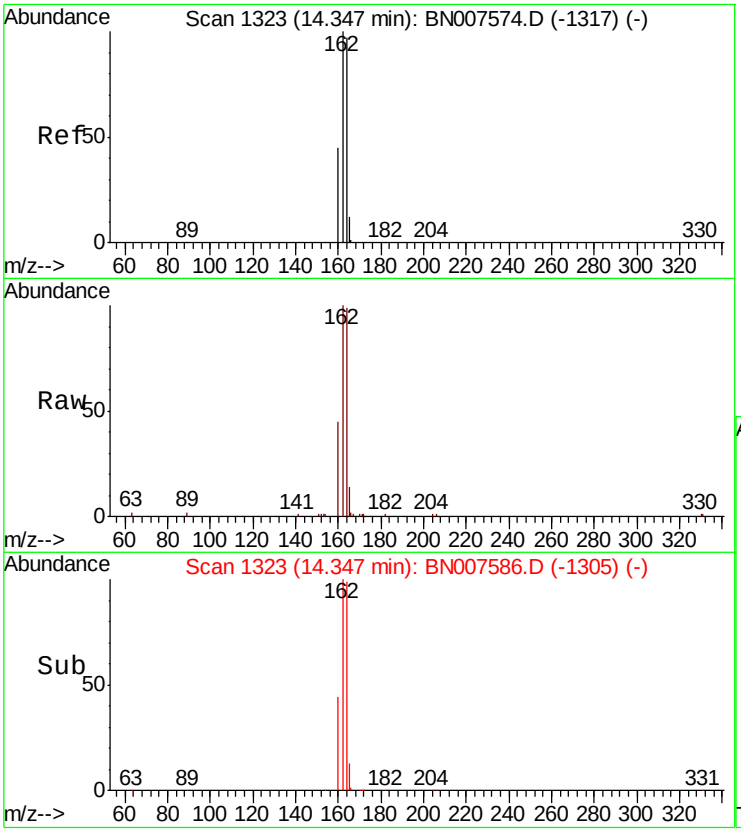


#12
2-Methylnaphthalene
Concen: 0.423 ng
RT: 12.16 min Scan# 1080
Delta R.T. -0.00 min
Lab File: BN007586.D
Acq: 11 Sep 2019 13:47

Tgt Ion:142 Resp: 17234

Ion	Ratio	Lower	Upper
142	100		
141	88.2	71.0	106.6
115	36.1	29.1	43.7



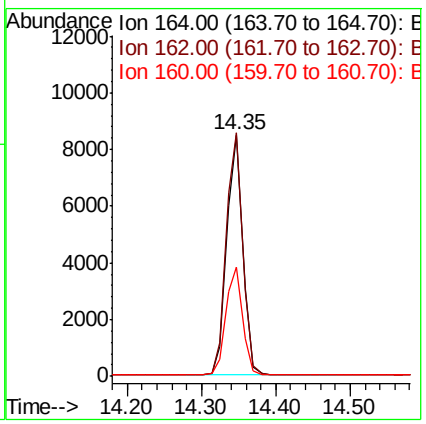


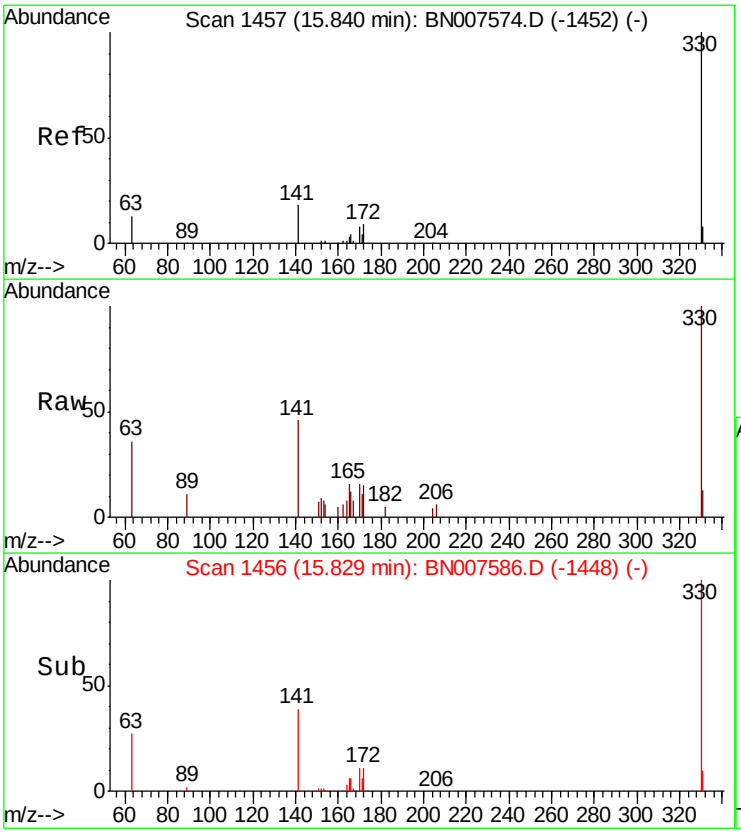
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.35 min Scan# 1323
Delta R.T. 0.00 min
Lab File: BN007586.D
Acq: 11 Sep 2019 13:47

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:164 Resp: 12637

Ion	Ratio	Lower	Upper
164	100		
162	100.7	82.2	123.2
160	45.1	37.4	56.0

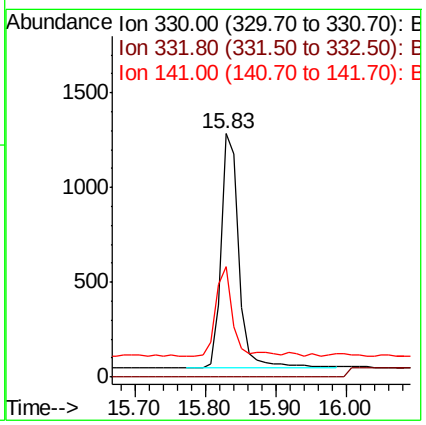


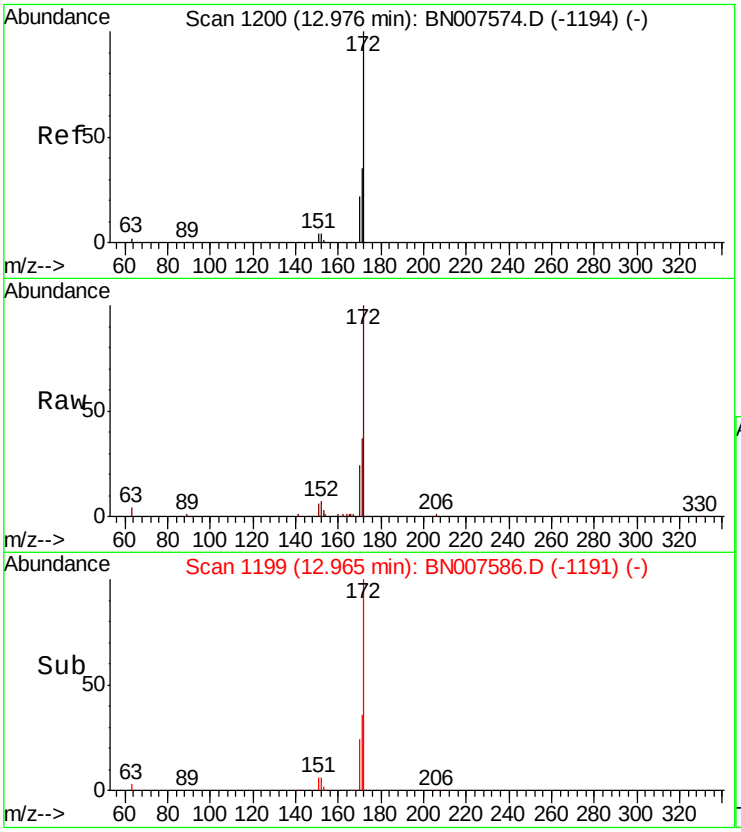


#14
2,4,6-Tribromophenol
Concen: 0.462 ng
RT: 15.83 min Scan# 1456
Delta R.T. -0.01 min
Lab File: BN007586.D
Acq: 11 Sep 2019 13:47

Tgt Ion:330 Resp: 2219

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	36.7	30.6	45.8



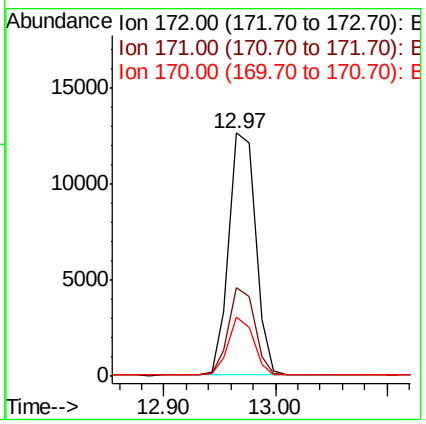


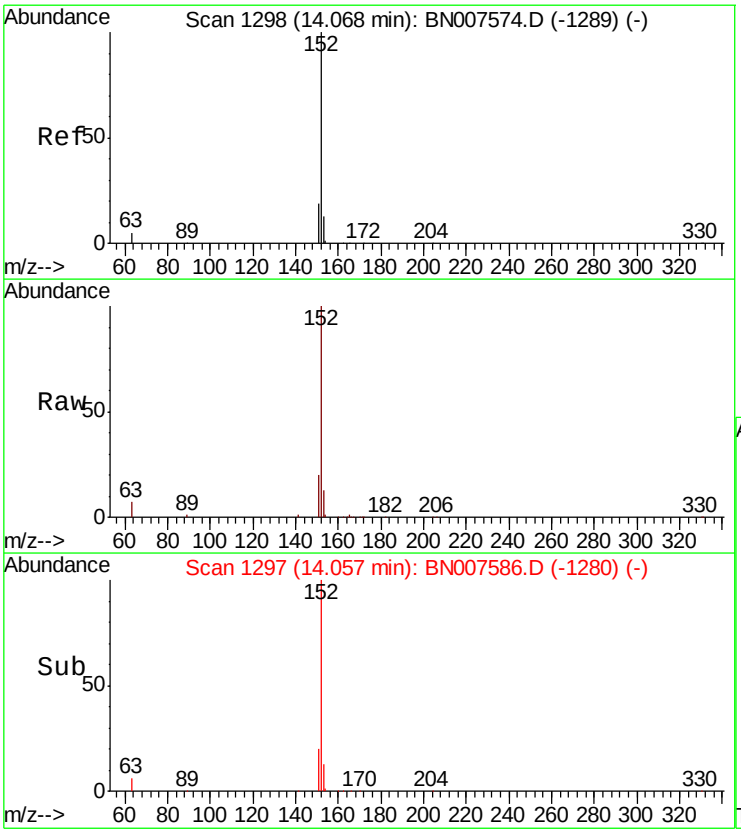
#15
2-Fluorobiphenyl
Concen: 0.401 ng
RT: 12.97 min Scan# 1199
Delta R.T. -0.01 min
Lab File: BN007586.D
Acq: 11 Sep 2019 13:47

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:172 Resp: 20961

Ion	Ratio	Lower	Upper
172	100		
171	36.5	28.2	42.2
170	24.2	18.3	27.5

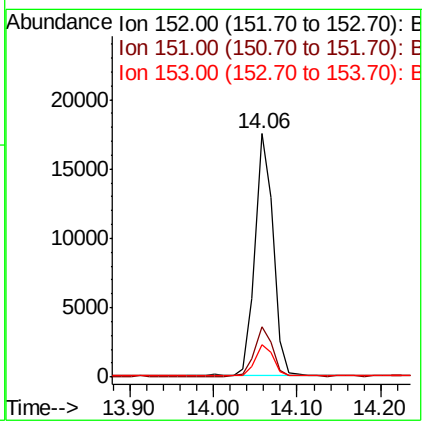


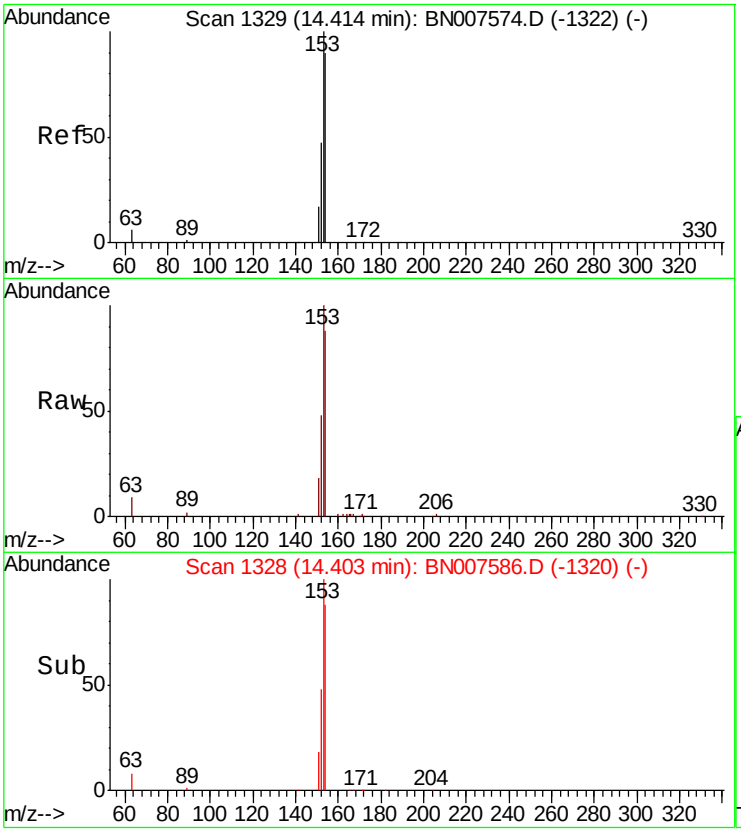


#16
Acenaphthylene
Concen: 0.391 ng
RT: 14.06 min Scan# 1297
Delta R.T. -0.01 min
Lab File: BN007586.D
Acq: 11 Sep 2019 13:47

Tgt Ion:152 Resp: 26564

Ion	Ratio	Lower	Upper
152	100		
151	19.7	15.8	23.6
153	12.9	10.4	15.6



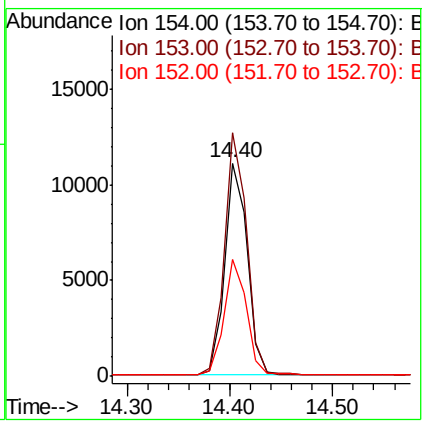


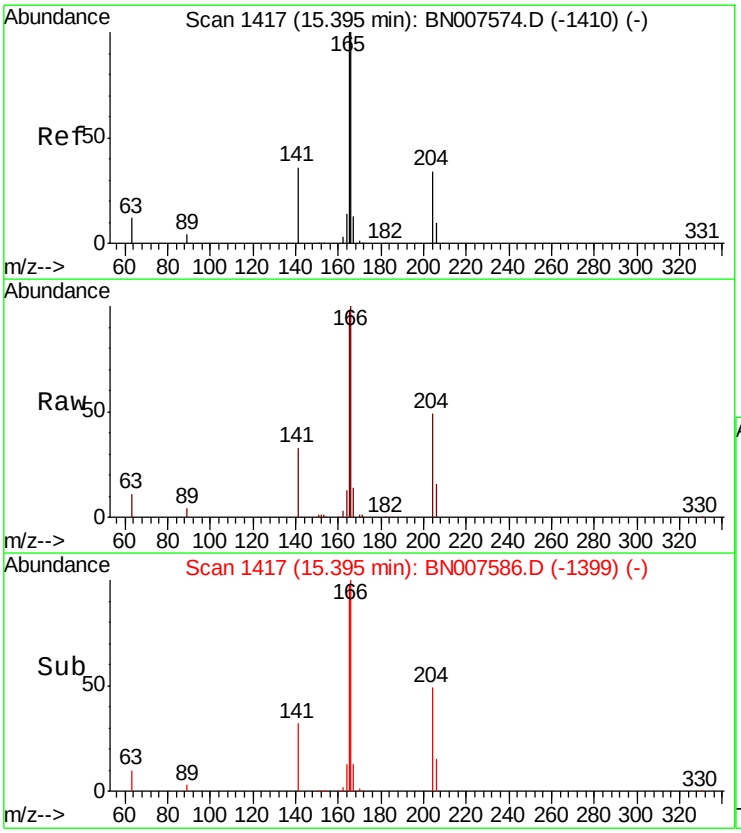
#17
Acenaphthene
Concen: 0.389 ng
RT: 14.40 min Scan# 1328
Delta R.T. -0.01 min
Lab File: BN007586.D
Acq: 11 Sep 2019 13:47

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:154 Resp: 16687

Ion	Ratio	Lower	Upper
154	100		
153	112.6	89.4	134.2
152	54.0	43.4	65.0

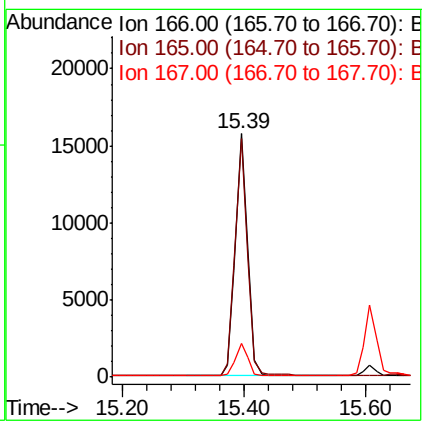


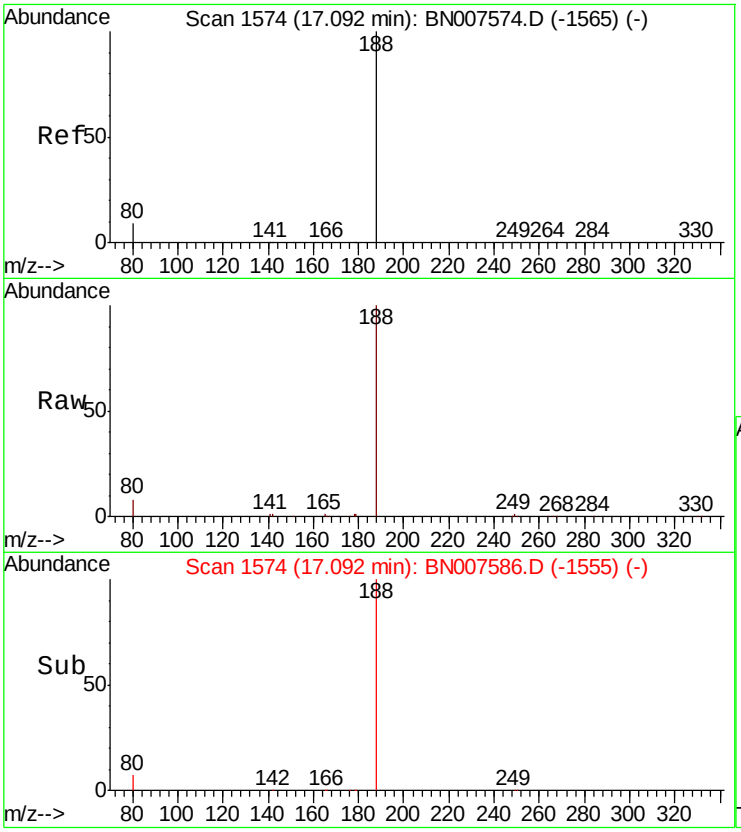


#18
Fluorene
Concen: 0.389 ng
RT: 15.39 min Scan# 1417
Delta R.T. 0.00 min
Lab File: BN007586.D
Acq: 11 Sep 2019 13:47

Tgt Ion:166 Resp: 21980

Ion	Ratio	Lower	Upper
166	100		
165	97.6	77.8	116.6
167	13.8	11.0	16.4



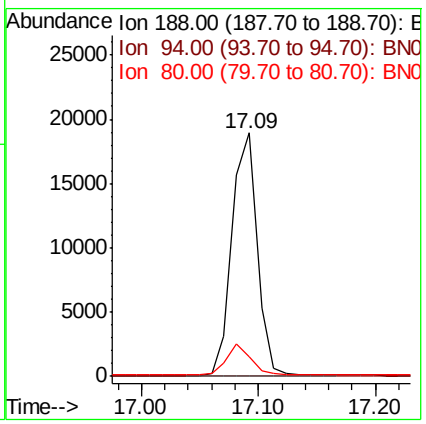


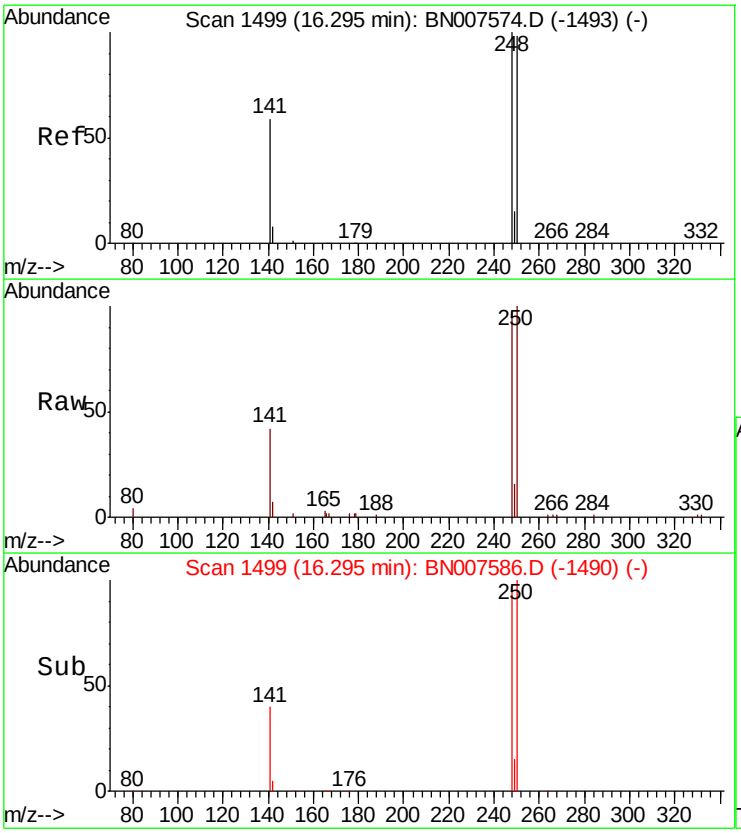
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.09 min Scan# 1574
Delta R.T. 0.00 min
Lab File: BN007586.D
Acq: 11 Sep 2019 13:47

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:188 Resp: 27968

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	8.2	8.1	12.1

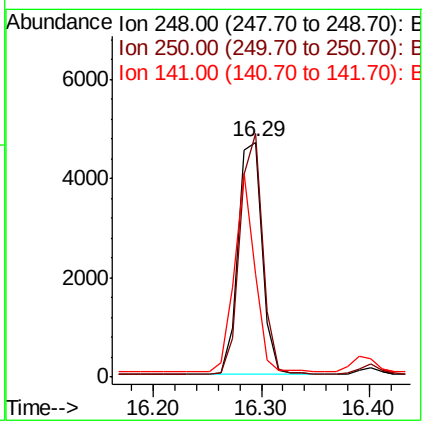


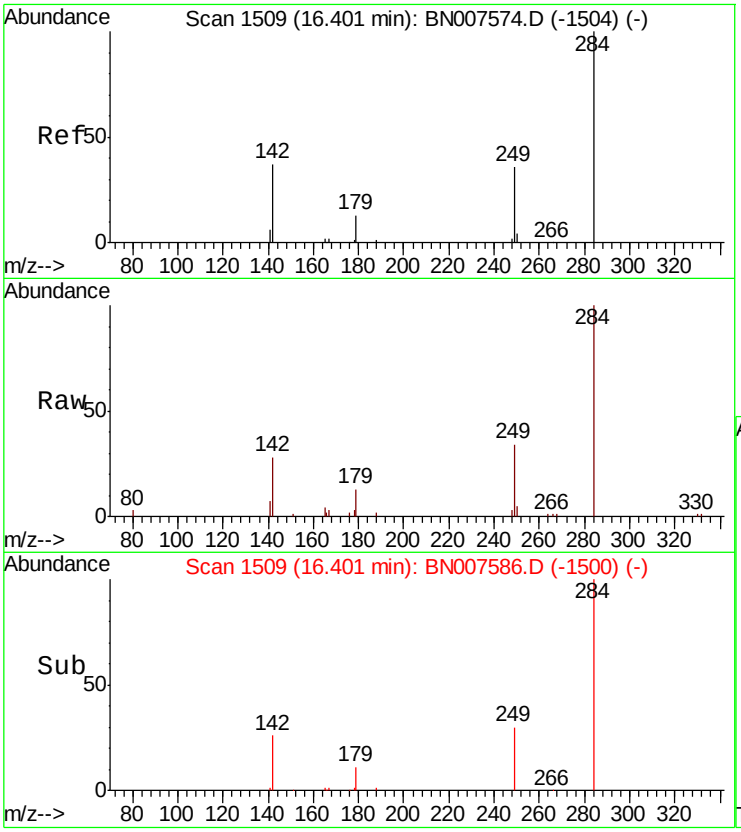


#20
4-Bromophenyl-phenylether
Concen: 0.442 ng
RT: 16.29 min Scan# 1499
Delta R.T. 0.00 min
Lab File: BN007586.D
Acq: 11 Sep 2019 13:47

Tgt Ion:248 Resp: 7306

Ion	Ratio	Lower	Upper
248	100		
250	103.6	78.9	118.3
141	43.7	48.3	72.5#



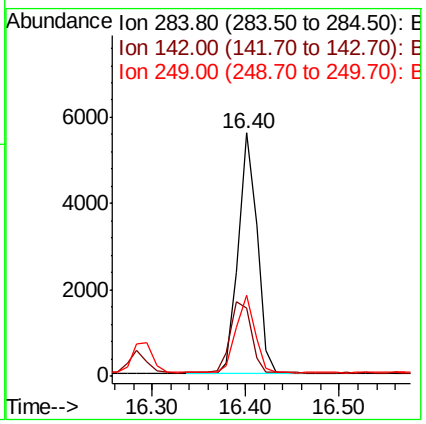


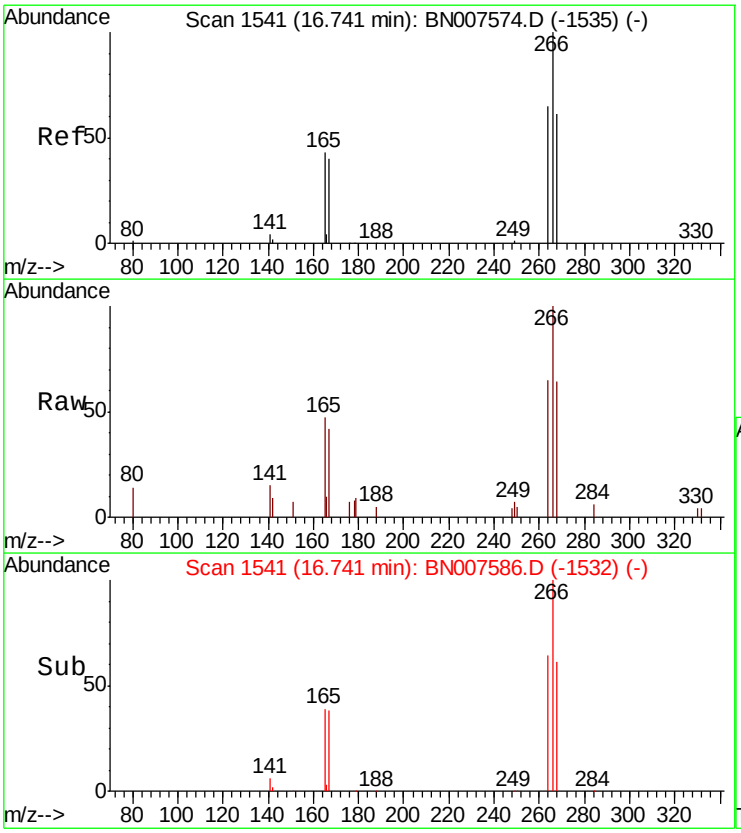
#21
Hexachlorobenzene
Concen: 0.447 ng
RT: 16.40 min Scan# 1509
Delta R.T. 0.00 min
Lab File: BN007586.D
Acq: 11 Sep 2019 13:47

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:284 Resp: 7773

Ion	Ratio	Lower	Upper
284	100		
142	33.6	27.9	41.9
249	32.1	26.0	39.0

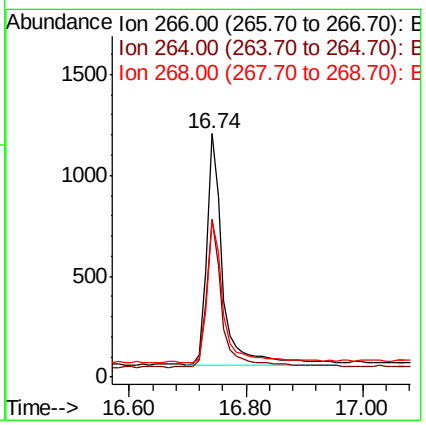


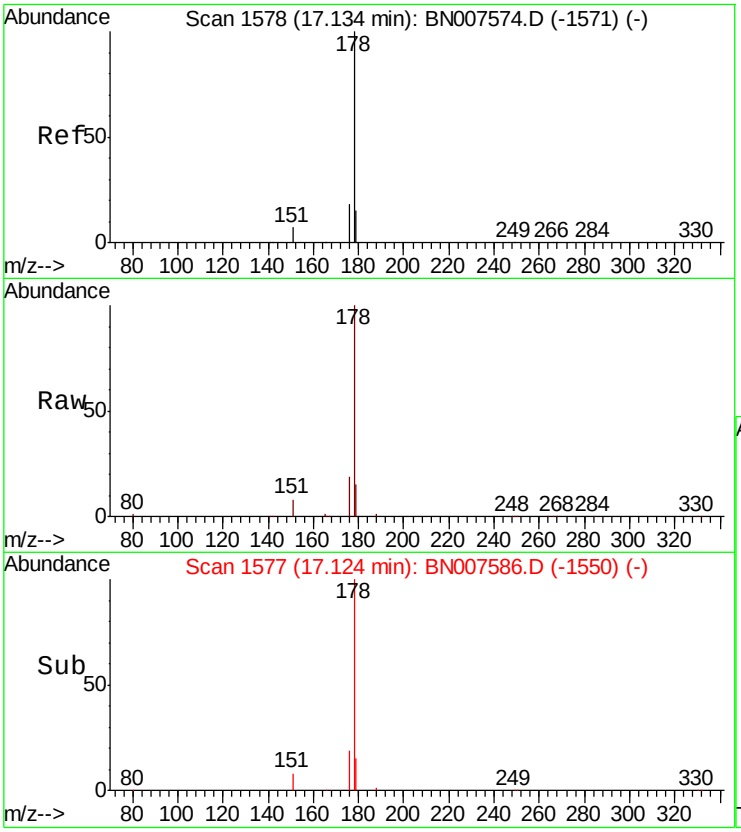


#22
Pentachlorophenol
Concen: 0.553 ng
RT: 16.74 min Scan# 1541
Delta R.T. 0.00 min
Lab File: BN007586.D
Acq: 11 Sep 2019 13:47

Tgt Ion:266 Resp: 2214

Ion	Ratio	Lower	Upper
266	100		
264	64.8	52.0	78.0
268	64.1	53.5	80.3



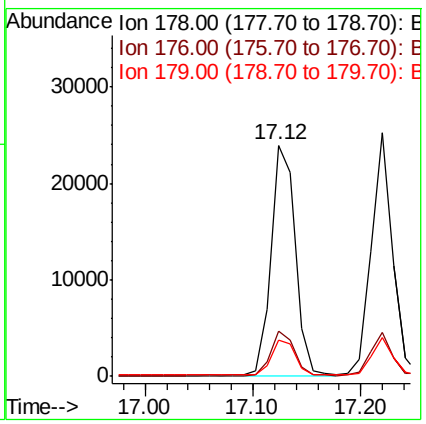


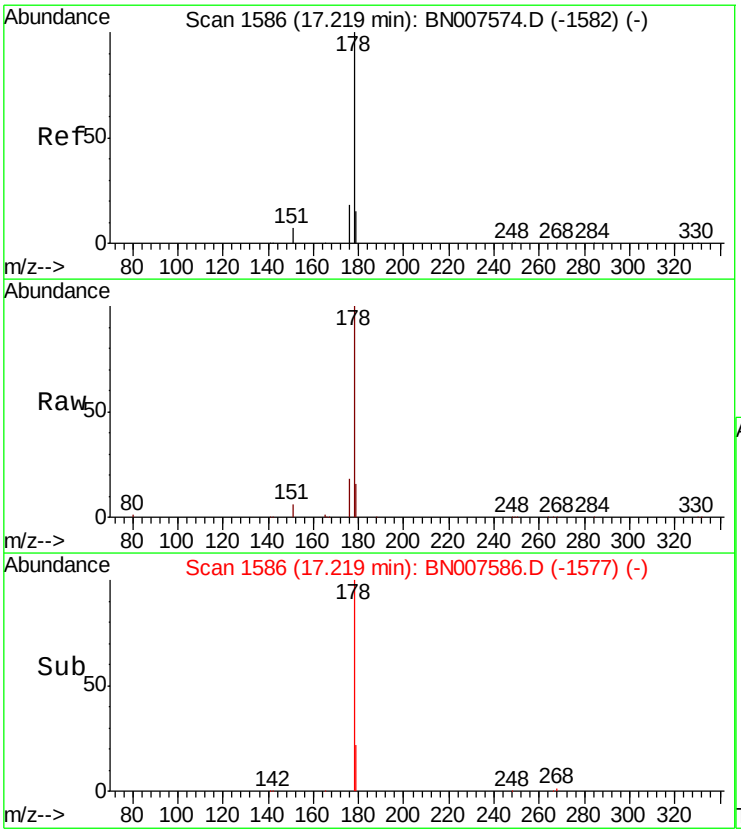
#23
Phenanthrene
Concen: 0.429 ng
RT: 17.12 min Scan# 1577
Delta R.T. -0.01 min
Lab File: BN007586.D
Acq: 11 Sep 2019 13:47

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:178 Resp: 37008

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.0	22.4
179	15.3	12.2	18.2

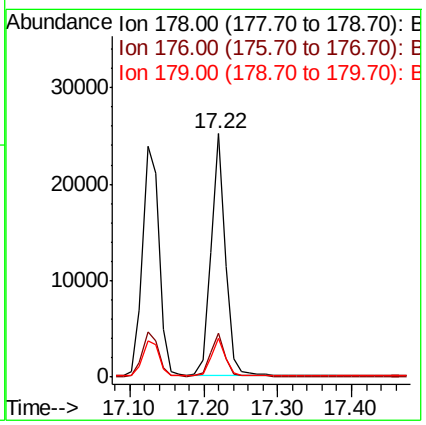


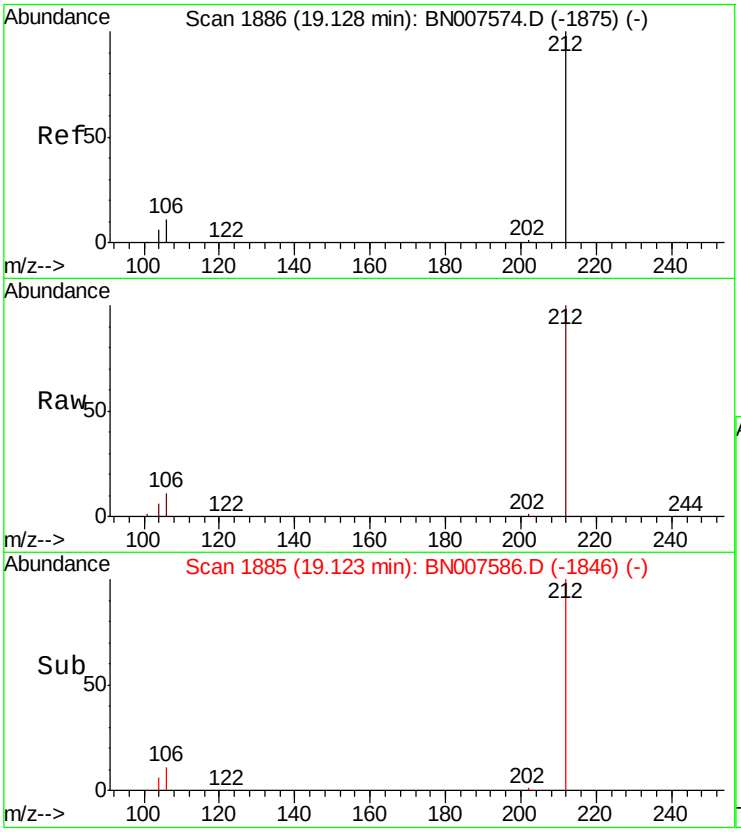


#24
Anthracene
Concen: 0.433 ng
RT: 17.22 min Scan# 1586
Delta R.T. 0.00 min
Lab File: BN007586.D
Acq: 11 Sep 2019 13:47

Tgt Ion:178 Resp: 34459

Ion	Ratio	Lower	Upper
178	100		
176	17.9	14.4	21.6
179	15.2	12.5	18.7



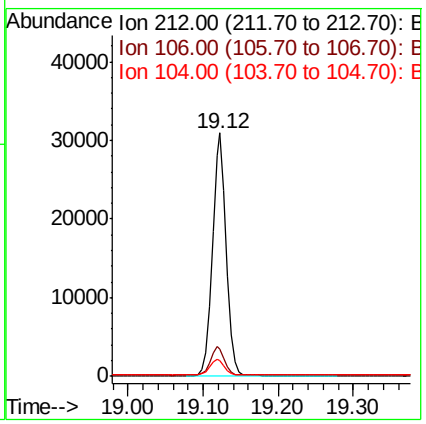


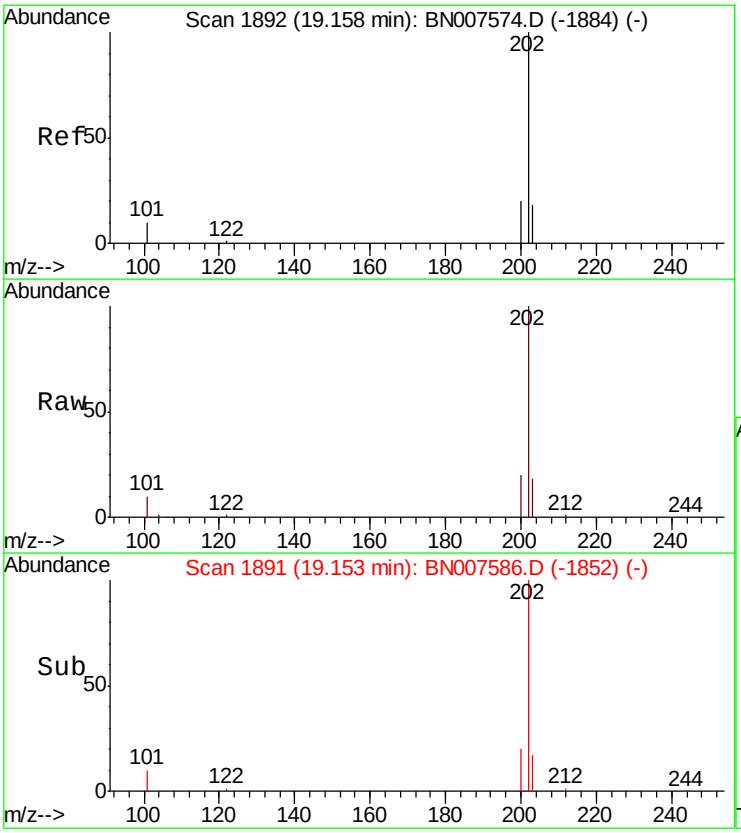
#25
Fluoranthene-d10
Concen: 0.443 ng
RT: 19.12 min Scan# 1885
Delta R.T. -0.00 min
Lab File: BN007586.D
Acq: 11 Sep 2019 13:47

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:212 Resp: 40248

Ion	Ratio	Lower	Upper
212	100		
106	12.0	9.7	14.5
104	6.8	5.5	8.3

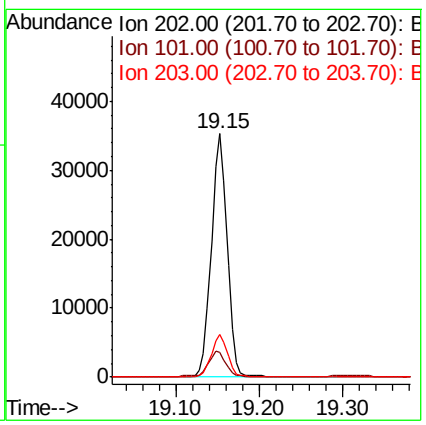


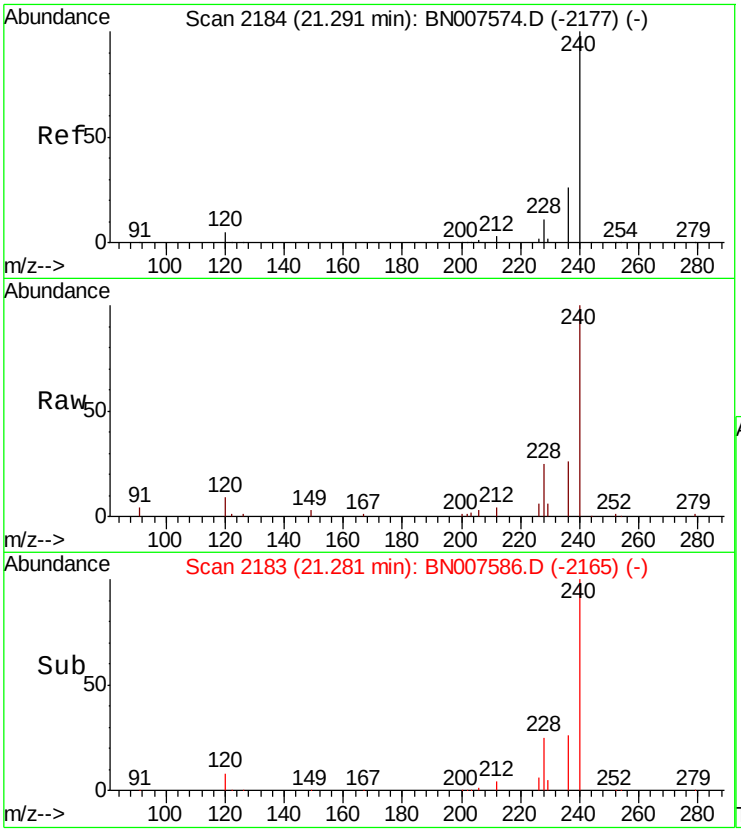


#26
Fluoranthene
Concen: 0.438 ng
RT: 19.15 min Scan# 1891
Delta R.T. -0.00 min
Lab File: BN007586.D
Acq: 11 Sep 2019 13:47

Tgt Ion:202 Resp: 45913

Ion	Ratio	Lower	Upper
202	100		
101	10.9	8.8	13.2
203	17.3	13.8	20.8



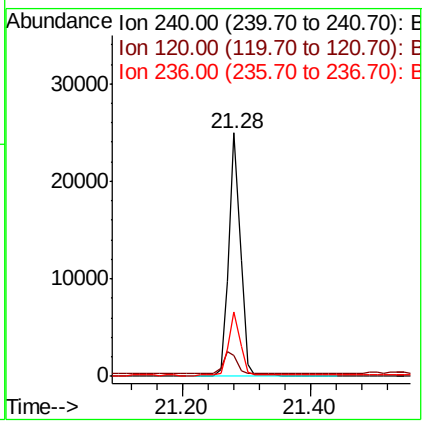


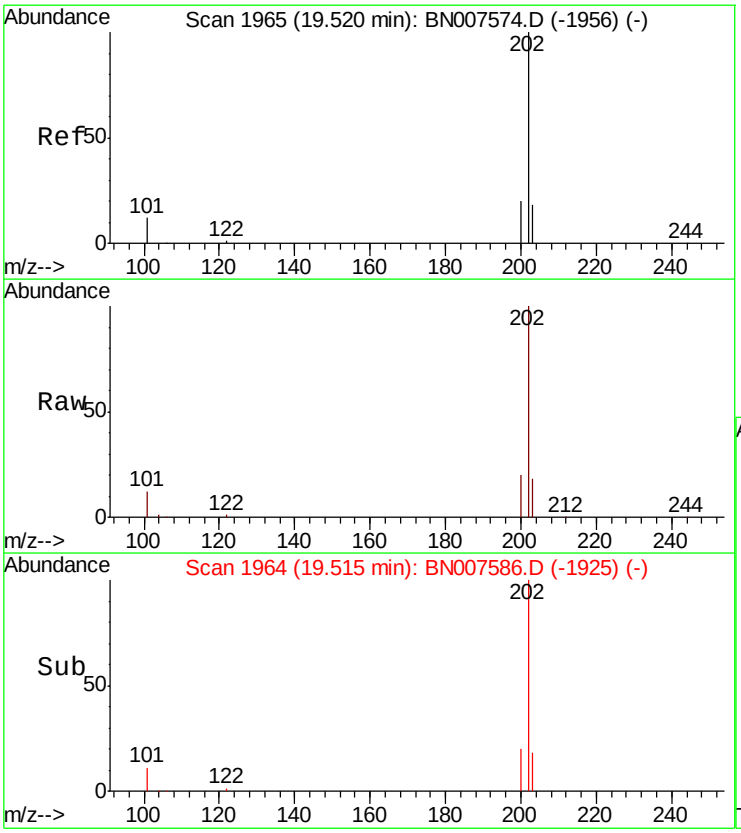
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.28 min Scan# 2183
Delta R.T. -0.01 min
Lab File: BN007586.D
Acq: 11 Sep 2019 13:47

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:240 Resp: 30995

Ion	Ratio	Lower	Upper
240	100		
120	8.7	5.0	7.4#
236	26.3	20.6	31.0

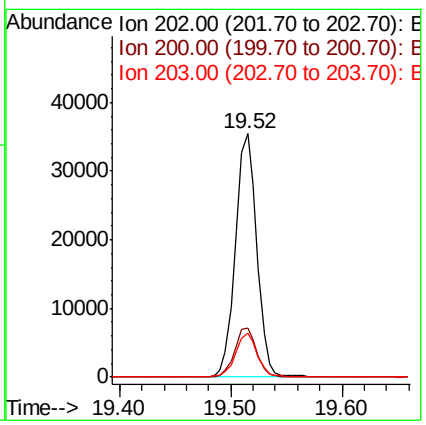


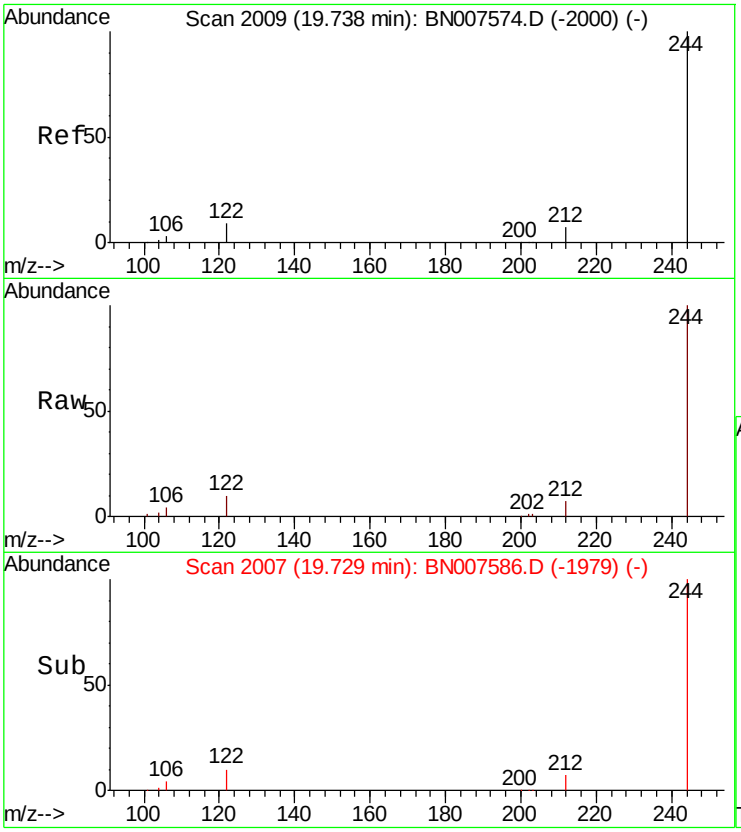


#28
Pyrene
Concen: 0.420 ng
RT: 19.52 min Scan# 1964
Delta R.T. -0.00 min
Lab File: BN007586.D
Acq: 11 Sep 2019 13:47

Tgt Ion:202 Resp: 46794

Ion	Ratio	Lower	Upper
202	100		
200	20.3	16.3	24.5
203	17.5	14.1	21.1



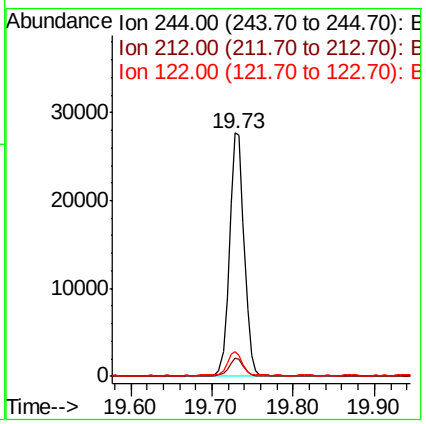


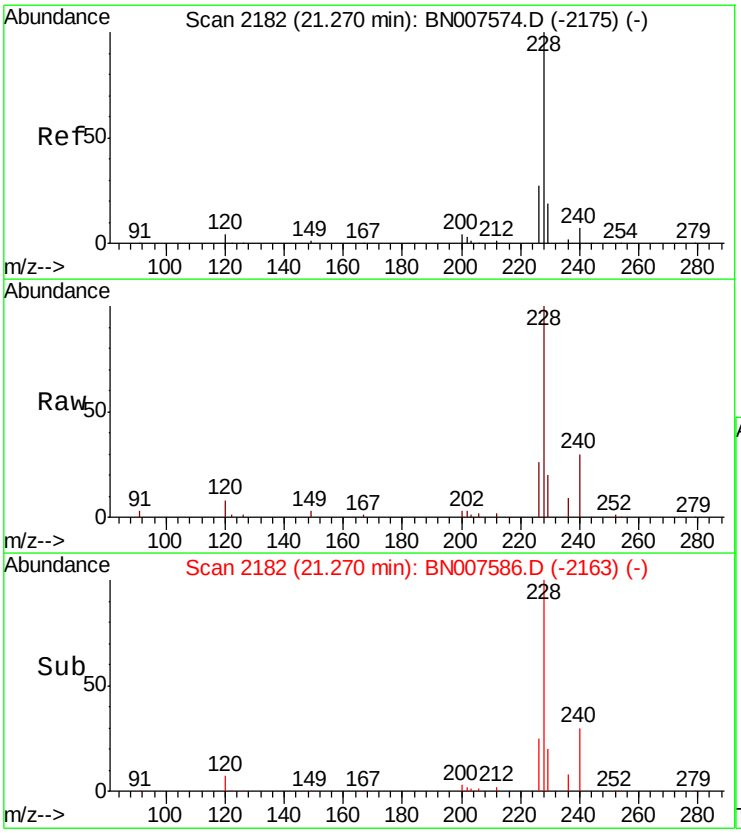
#29
Terphenyl-d14
Concen: 0.428 ng
RT: 19.73 min Scan# 2007
Delta R.T. -0.01 min
Lab File: BN007586.D
Acq: 11 Sep 2019 13:47

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:244 Resp: 34493

Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.8	8.8
122	10.3	7.8	11.6

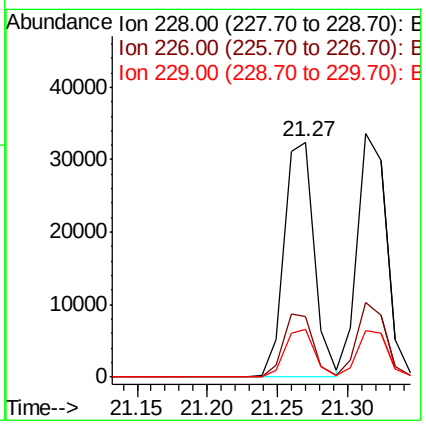


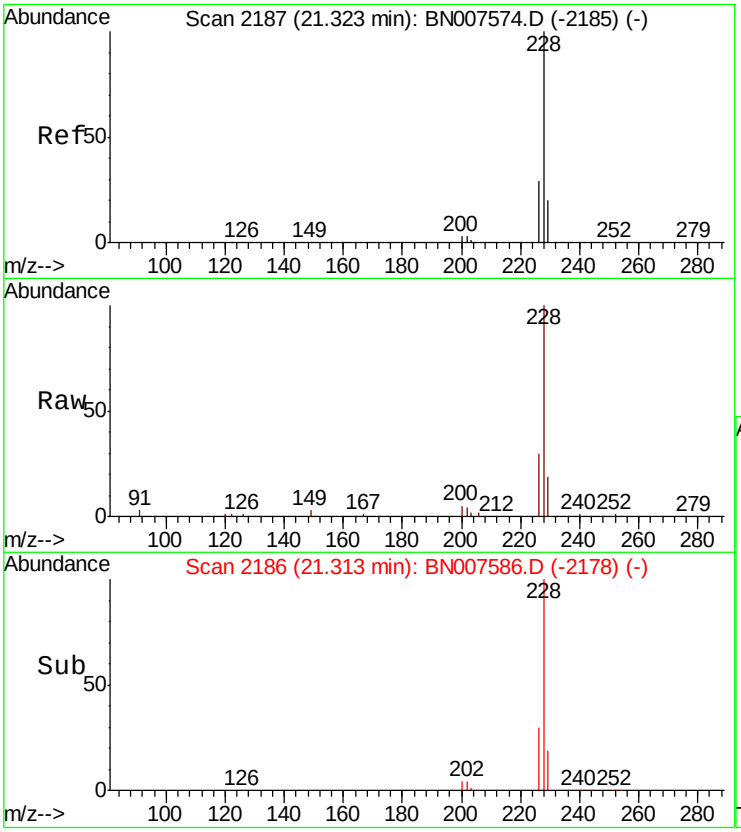


#30
Benzo(a)anthracene
Concen: 0.435 ng
RT: 21.27 min Scan# 2182
Delta R.T. 0.00 min
Lab File: BN007586.D
Acq: 11 Sep 2019 13:47

Tgt Ion:228 Resp: 48245

Ion	Ratio	Lower	Upper
228	100		
226	25.6	21.6	32.4
229	20.2	15.7	23.5



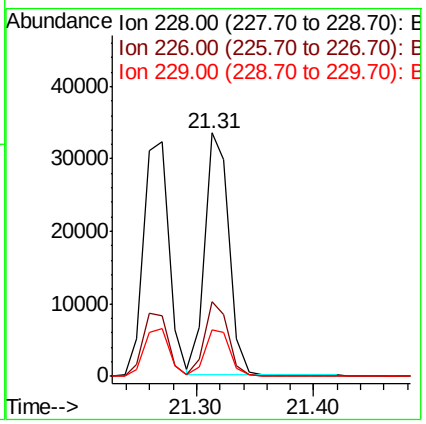


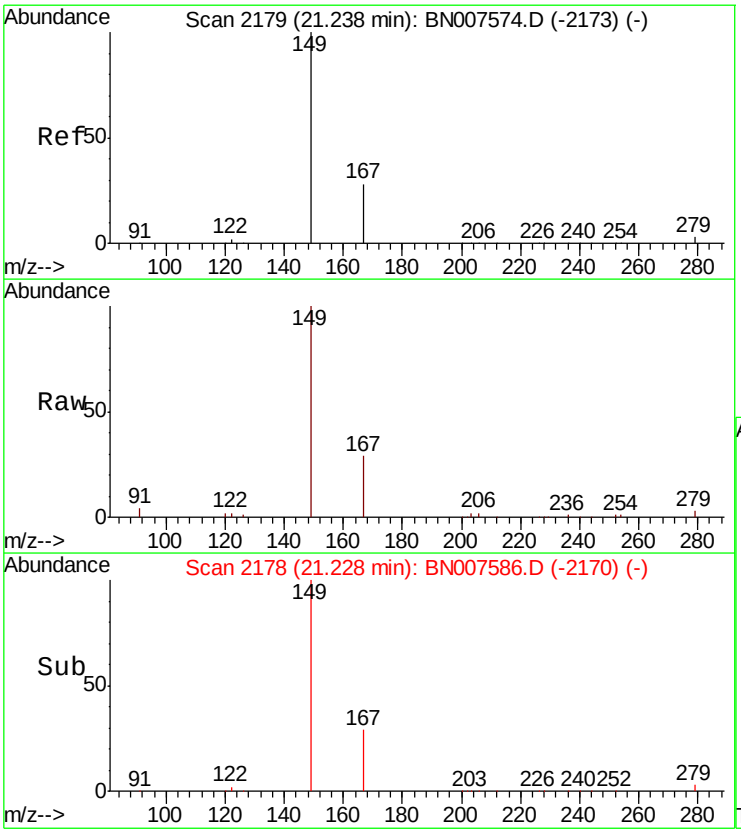
#31
Chrysene
Concen: 0.427 ng
RT: 21.31 min Scan# 2186
Delta R.T. -0.01 min
Lab File: BN007586.D
Acq: 11 Sep 2019 13:47

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:228 Resp: 48134

Ion	Ratio	Lower	Upper
228	100		
226	30.5	23.4	35.2
229	19.3	15.7	23.5

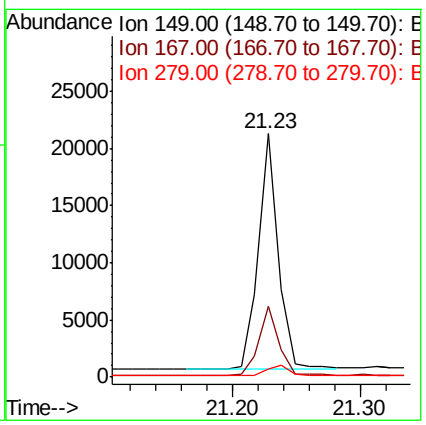


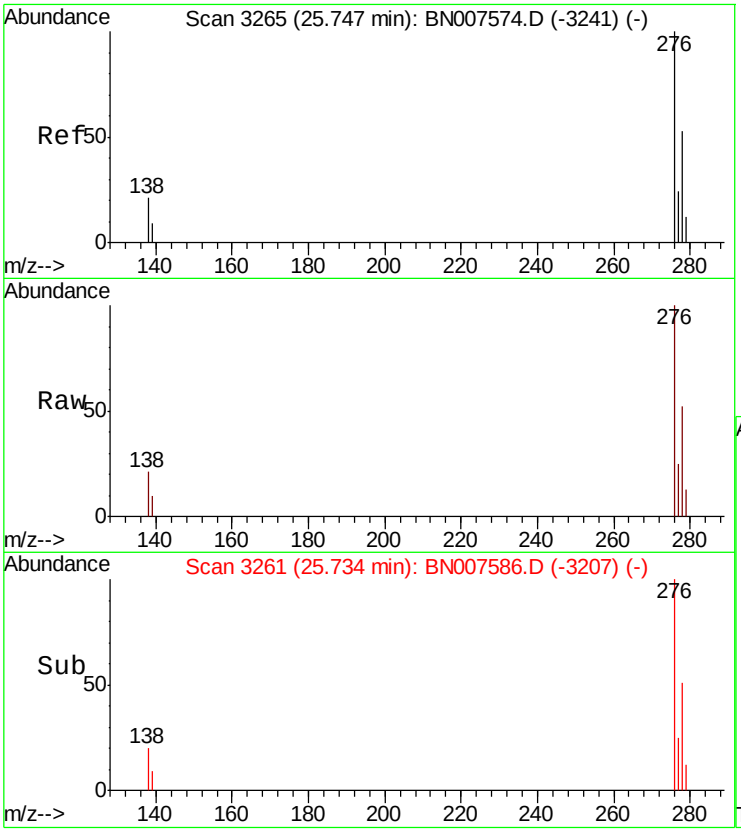


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.593 ng
RT: 21.23 min Scan# 2178
Delta R.T. -0.01 min
Lab File: BN007586.D
Acq: 11 Sep 2019 13:47

Tgt Ion:149 Resp: 22505

Ion	Ratio	Lower	Upper
149	100		
167	29.1	22.1	33.1
279	5.0	3.9	5.9



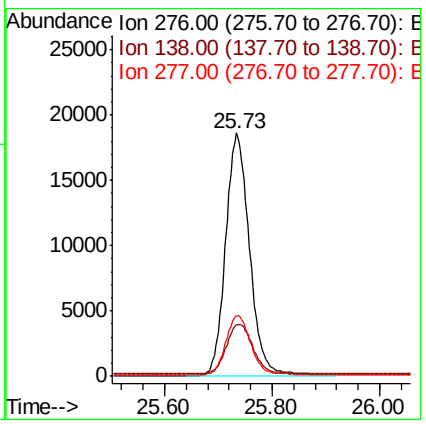


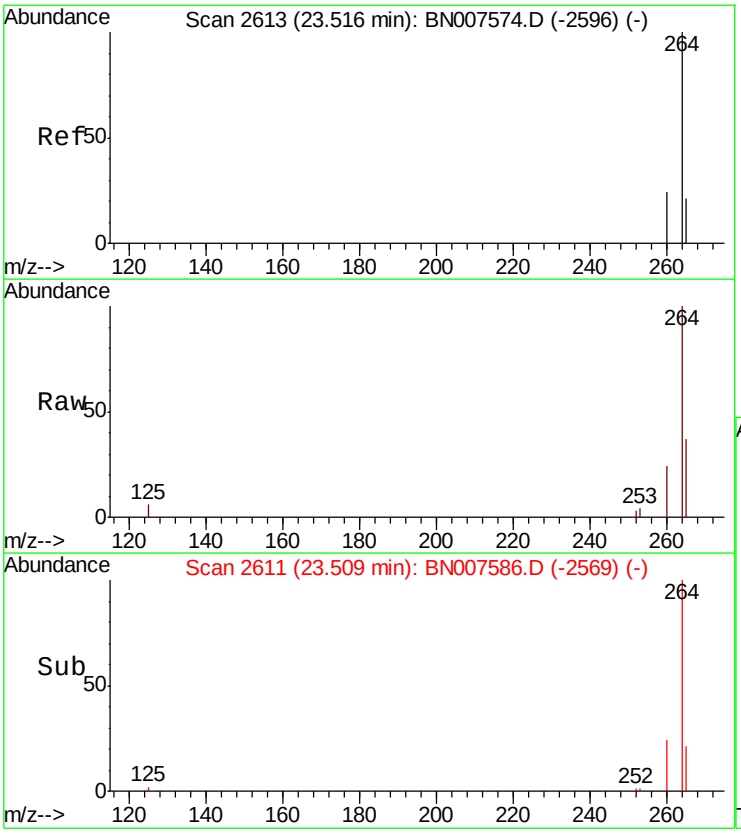
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.480 ng
RT: 25.73 min Scan# 3261
Delta R.T. -0.01 min
Lab File: BN007586.D
Acq: 11 Sep 2019 13:47

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 57147

Ion	Ratio	Lower	Upper
276	100		
138	22.6	0.0	0.0#
277	25.2	0.0	0.0#

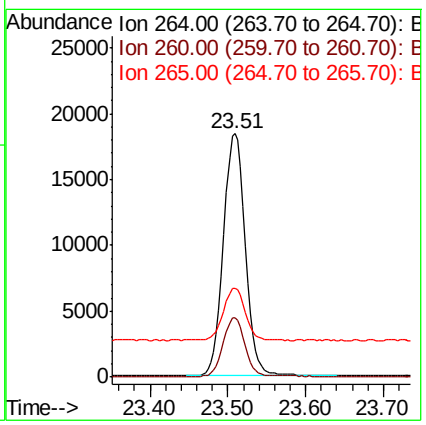


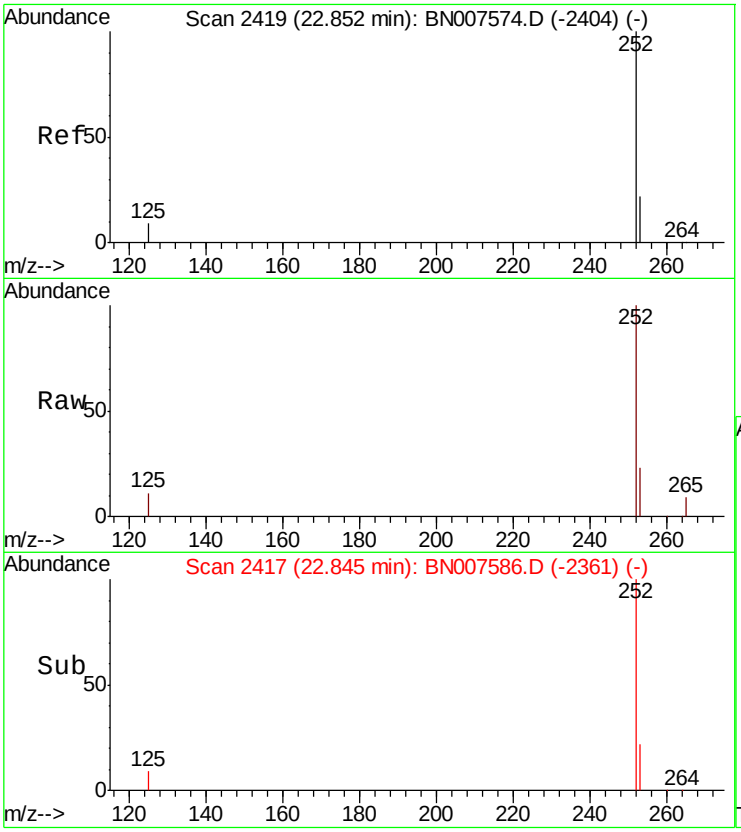


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.51 min Scan# 2611
Delta R.T. -0.01 min
Lab File: BN007586.D
Acq: 11 Sep 2019 13:47

Tgt Ion:264 Resp: 36017

Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.3	28.9
265	36.6	25.6	38.4



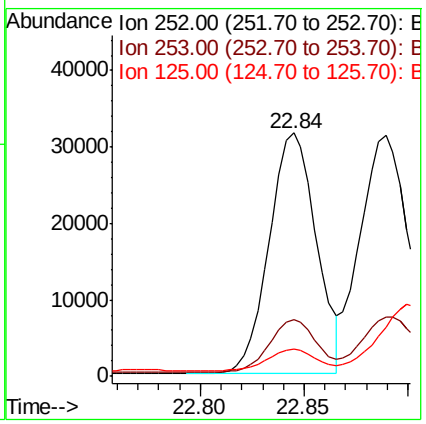


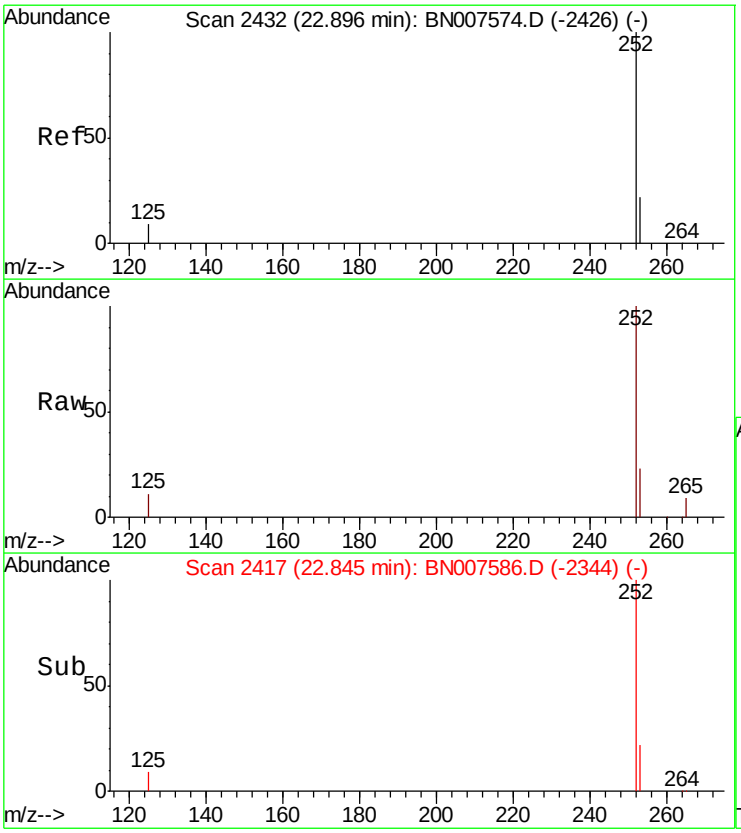
#35
Benzo(b)fluoranthene
Concen: 0.387 ng
RT: 22.84 min Scan# 2417
Delta R.T. -0.01 min
Lab File: BN007586.D
Acq: 11 Sep 2019 13:47

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 49559

Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.5	27.7
125	11.2	8.2	12.2

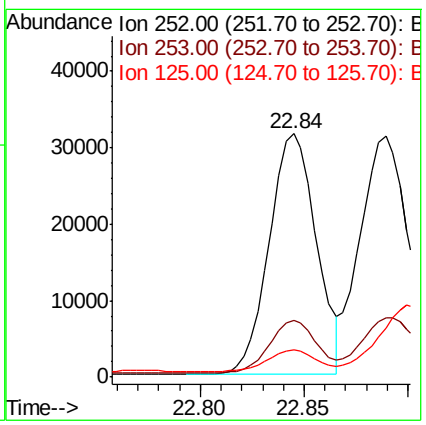


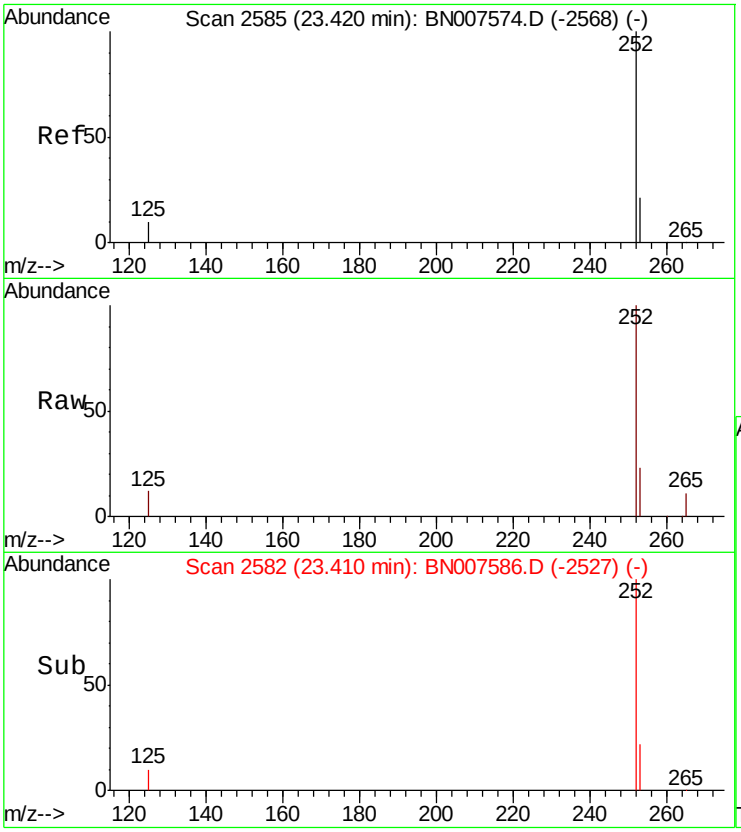


#36
Benzo(k)fluoranthene
Concen: 0.392 ng
RT: 22.84 min Scan# 2417
Delta R.T. -0.05 min
Lab File: BN007586.D
Acq: 11 Sep 2019 13:47

Tgt Ion:252 Resp: 49559

Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.4	27.6
125	11.2	8.2	12.2



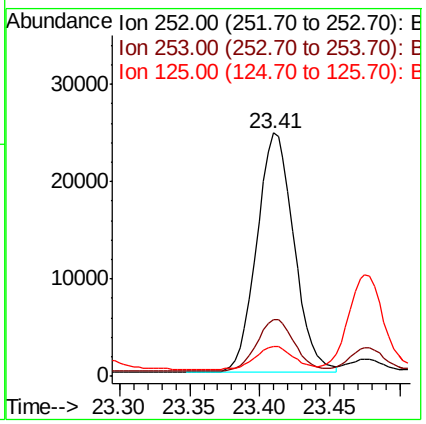


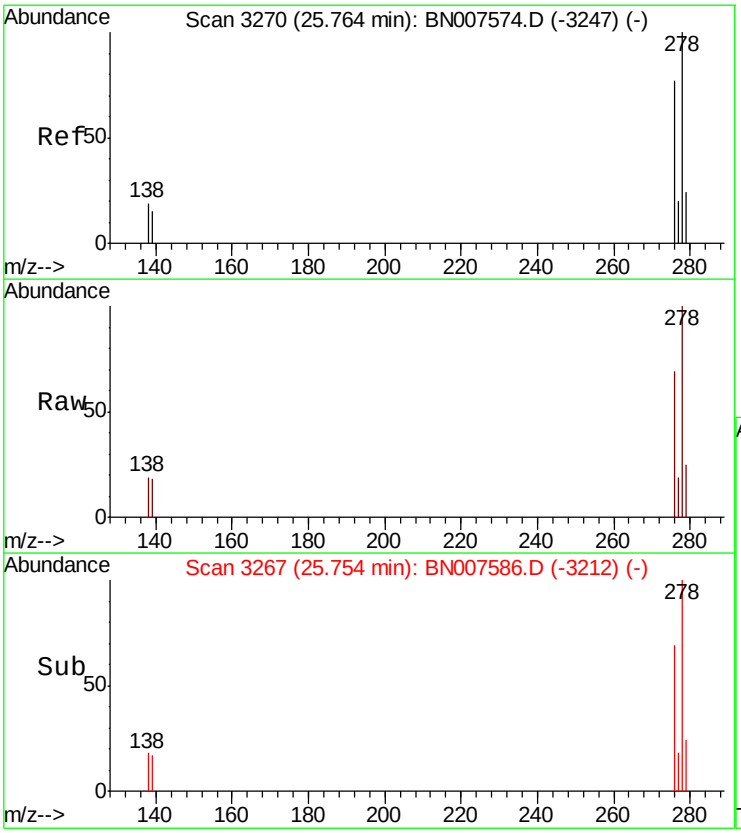
#37
Benzo(a)pyrene
Concen: 0.398 ng
RT: 23.41 min Scan# 2582
Delta R.T. -0.01 min
Lab File: BN007586.D
Acq: 11 Sep 2019 13:47

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 45342

Ion	Ratio	Lower	Upper
252	100		
253	23.5	18.6	28.0
125	12.4	9.2	13.8

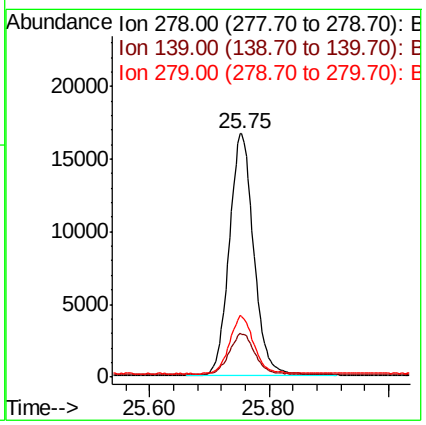


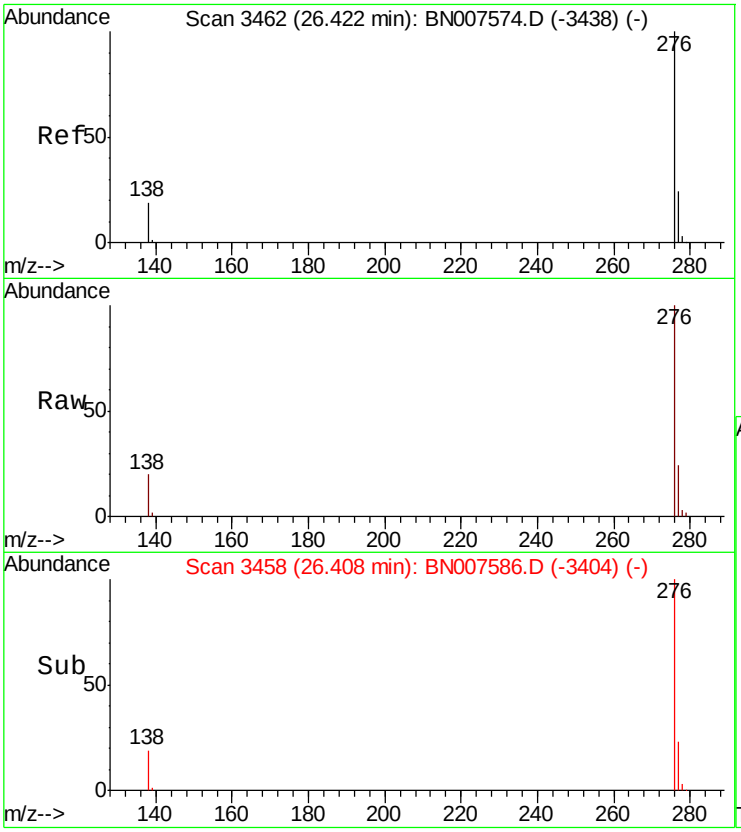


#38
Dibenzo(a,h)anthracene
Concen: 0.416 ng
RT: 25.75 min Scan# 3267
Delta R.T. -0.01 min
Lab File: BN007586.D
Acq: 11 Sep 2019 13:47

Tgt Ion:278 Resp: 47589

Ion	Ratio	Lower	Upper
278	100		
139	17.7	12.5	18.7
279	25.1	20.2	30.2





#39
Benzo(g,h,i)perylene
Concen: 0.399 ng
RT: 26.41 min Scan# 3458
Delta R.T. -0.01 min
Lab File: BN007586.D
Acq: 11 Sep 2019 13:47

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 46187

Ion	Ratio	Lower	Upper
276	100		
277	24.2	19.7	29.5
138	20.3	15.9	23.9