Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091119\
Data File : BN007594.D
Acq On : 11 Sep 2019 18:51
Operator : HP/JU
Sample : PB122940BS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId :

Quant Time: Sep 12 06:40:02 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	6684	0.40	ng		0.00
7) Naphthalene-d8	10.49	136	26507	0.40	ng		0.00
13) Acenaphthene-d10	14.35	164	15586	0.40	ng		0.00
19) Phenanthrene-d10	17.08	188	33401	0.40	ng		-0.01
27) Chrysene-d12	21.28	240	34596	0.40	ng		-0.01
34) Perylene-d12	23.50	264	37072	0.40	ng		-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.34	112	8474	0.42	ng		0.00
5) Phenol-d6	6.90	99	10899	0.40	ng		0.00
8) Nitrobenzene-d5	8.86	82	9118	0.56	ng		0.00
11) 2-Methylnaphthalene-d10	12.09	152	19176	0.42	ng		0.00
14) 2,4,6-Tribromophenol	15.83	330	2455	0.41	ng		-0.01
15) 2-Fluorobiphenyl	12.96	172	26434	0.41	ng		-0.01
25) Fluoranthene-d10	19.12	212	46530	0.43	ng		0.00
29) Terphenyl-d14	19.72	244	38764	0.43	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.33	88	3169	0.499	ng		90
3) n-Nitrosodimethylamine	3.03	42	1994	0.499	ng	#	100
6) bis(2-Chloroethyl)ether	7.16	93	9030	0.651	ng	#	75
9) Naphthalene	10.54	128	32192	0.432	ng		99
10) Hexachlorobutadiene	10.85	225	6658	0.445	ng	#	99
12) 2-Methylnaphthalene	12.16	142	21880	0.419	ng		99
16) Acenaphthylene	14.06	152	32075	0.383	ng		100
17) Acenaphthene	14.40	154	20848	0.394	ng		100
18) Fluorene	15.39	166	26773	0.385	ng		99
20) 4-Bromophenyl-phenylether	16.28	248	8742	0.443	ng	#	90
21) Hexachlorobenzene	16.40	284	9478	0.456	ng		98
22) Pentachlorophenol	16.74	266	2418	0.523	ng		97
23) Phenanthrene	17.12	178	44731	0.434	ng		100
24) Anthracene	17.22	178	40373	0.425	ng		100
26) Fluoranthene	19.15	202	53520	0.428	ng		100
28) Pyrene	19.51	202	54373	0.437	ng		100
30) Benzo(a)anthracene	21.26	228	53478	0.432	ng		100
31) Chrysene	21.31	228	53683	0.427	ng		99
32) Bis(2-ethylhexyl)phthalate	21.22	149	21647	0.511	ng		98
33) Indeno(1,2,3-cd)pyrene	25.72	276	59896	0.450	ng	#	100
35) Benzo(b)fluoranthene	22.84	252	52198	0.396	ng		100
36) Benzo(k)fluoranthene	22.84	252	52198	0.401	ng		99
37) Benzo(a)pyrene	23.40	252	48168	0.411	ng		99
38) Dibenzo(a,h)anthracene	25.74	278	49736	0.423	ng		98
39) Benzo(g,h,i)perylene	26.40	276	48188	0.404	ng		100

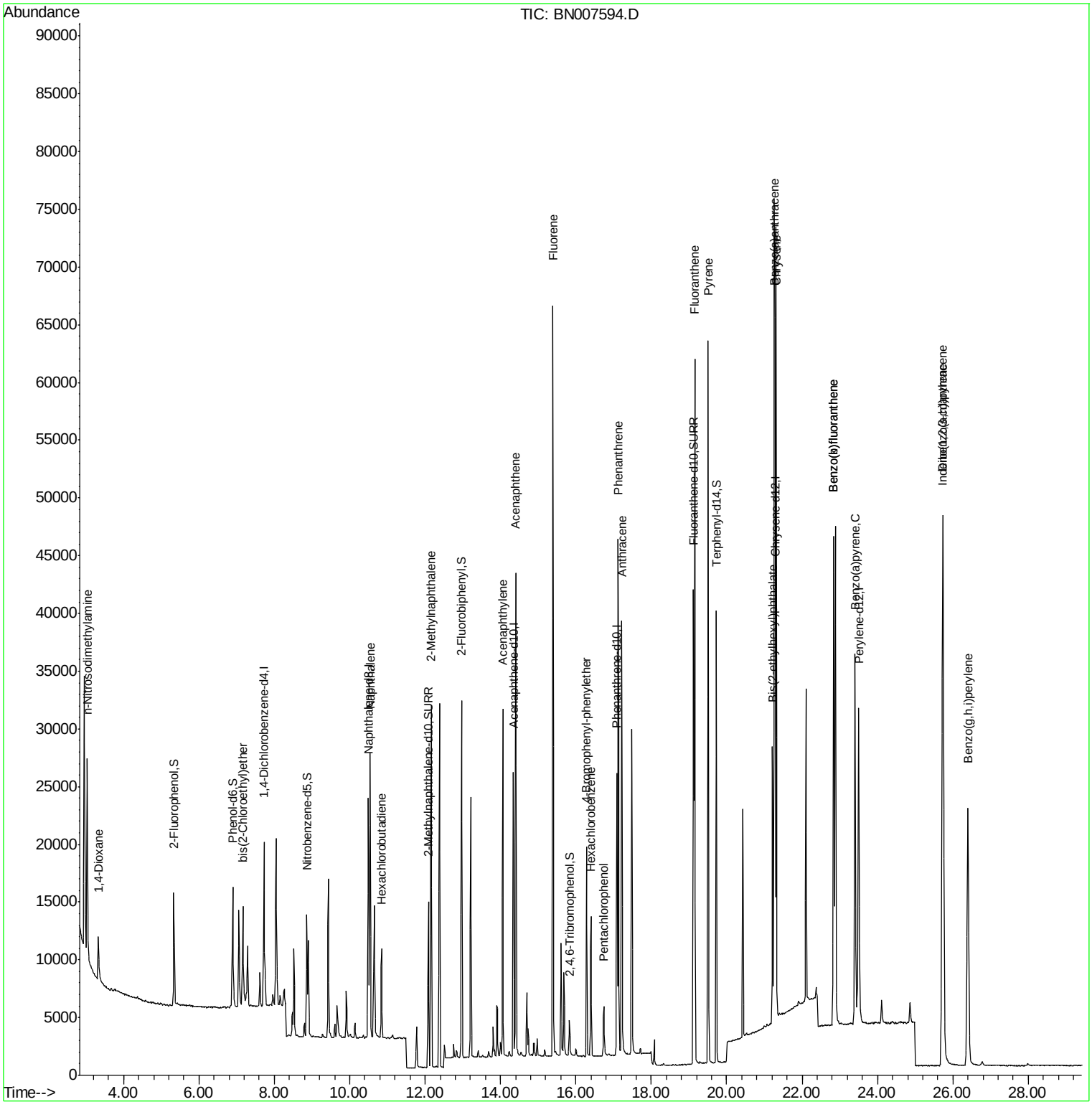
(#) = qualifier out of range (m) = manual integration (+) = signals summed

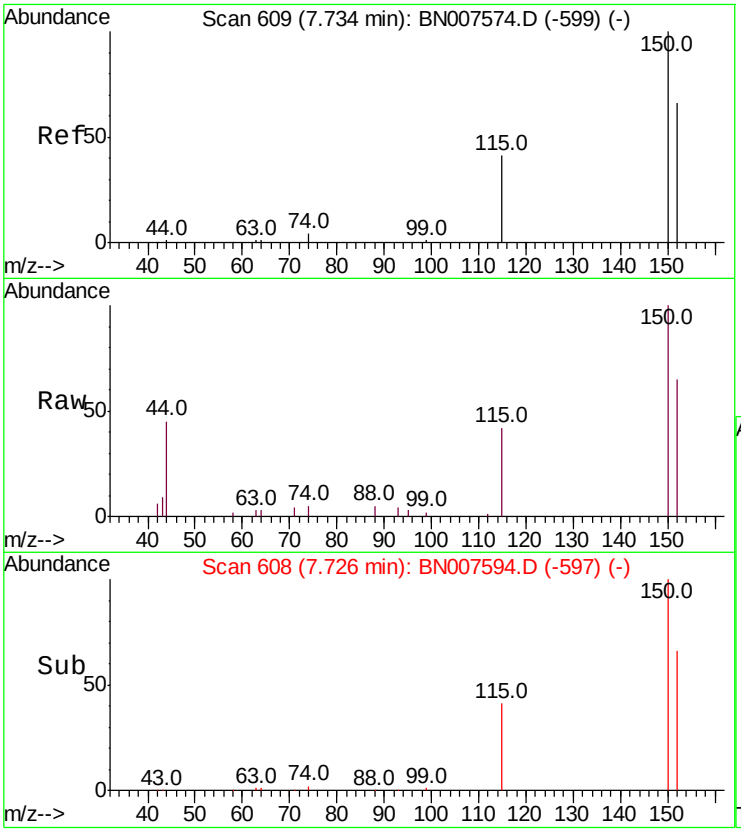
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091119\
Data File : BN007594.D
Acq On : 11 Sep 2019 18:51
Operator : HP/JU
Sample : PB122940BS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Sep 12 06:40:02 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



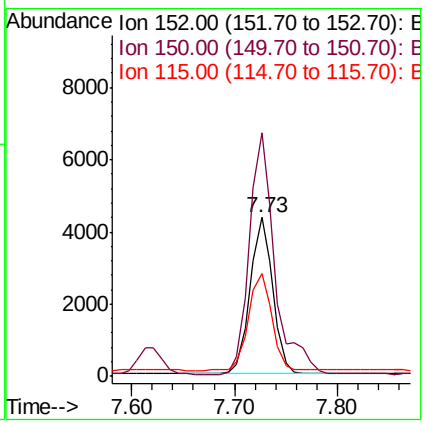


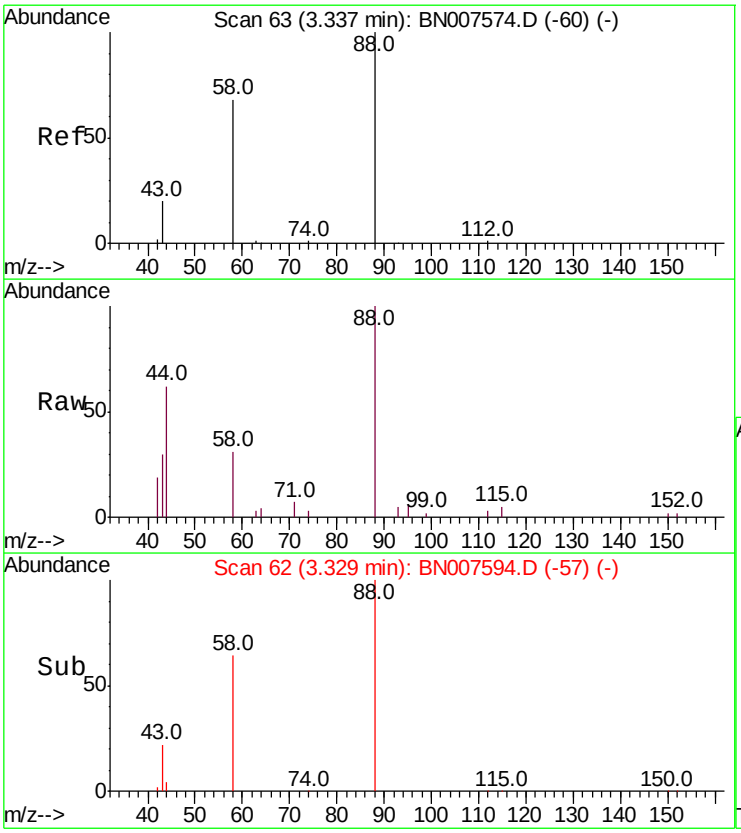
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.73 min Scan# 608
Delta R.T. -0.01 min
Lab File: BN007594.D
Acq: 11 Sep 2019 18:51

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 6684

Ion	Ratio	Lower	Upper
152	100		
150	153.6	119.5	179.3
115	65.2	53.0	79.6

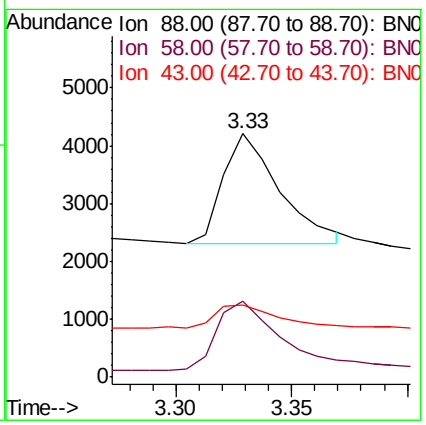


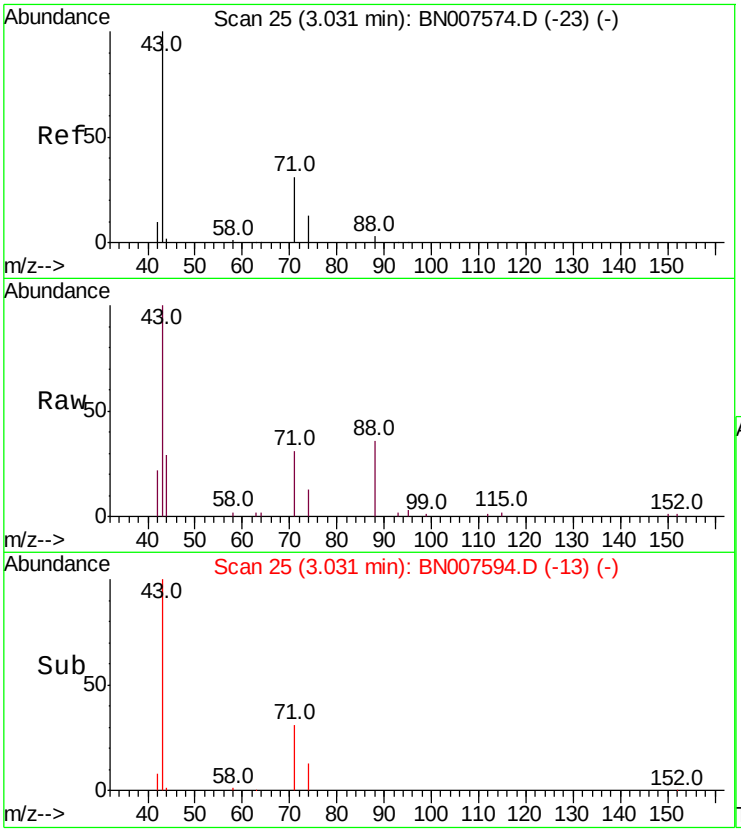


#2
1,4-Dioxane
Concen: 0.499 ng
RT: 3.33 min Scan# 62
Delta R.T. -0.01 min
Lab File: BN007594.D
Acq: 11 Sep 2019 18:51

Tgt Ion: 88 Resp: 3169

Ion	Ratio	Lower	Upper
88	100		
58	69.9	64.6	96.8
43	23.3	19.2	28.8



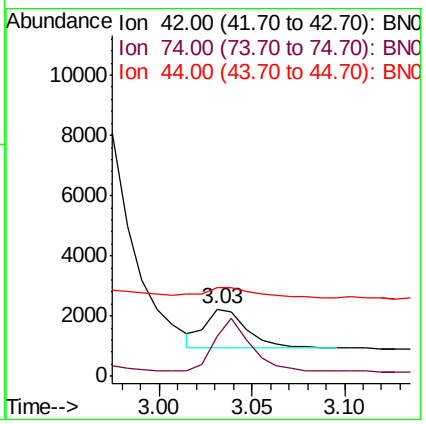


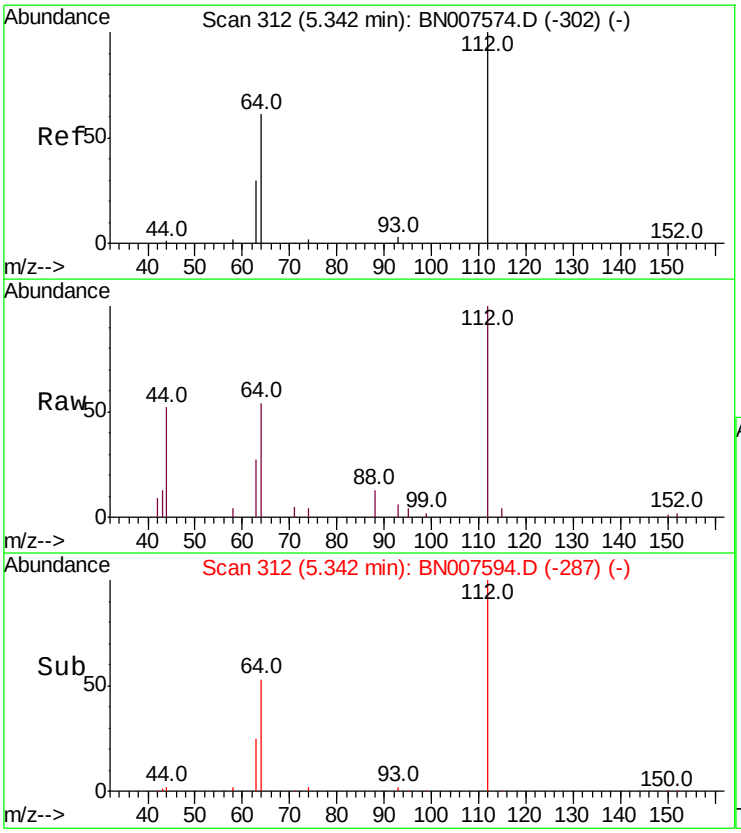
#3
n-Nitrosodimethylamine
Concen: 0.499 ng
RT: 3.03 min Scan# 25
Delta R.T. 0.00 min
Lab File: BN007594.D
Acq: 11 Sep 2019 18:51

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 42 Resp: 1994

Ion	Ratio	Lower	Upper
42	100		
74	119.1	0.0	0.0#
44	35.3	0.0	0.0#

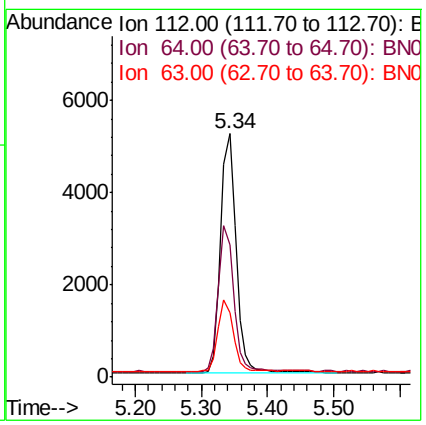


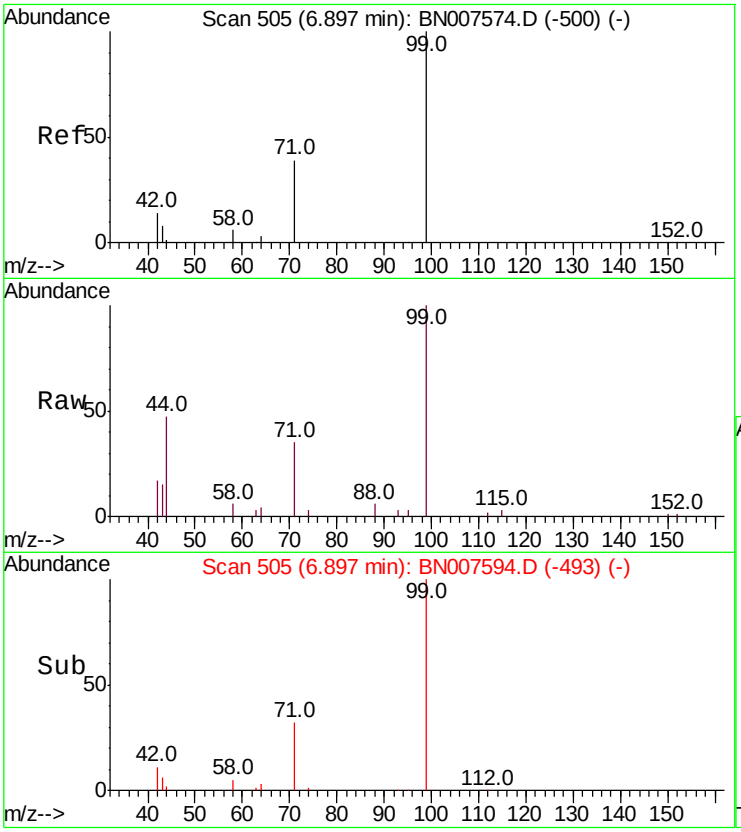


#4
2-Fluorophenol
Concen: 0.416 ng
RT: 5.34 min Scan# 312
Delta R.T. 0.00 min
Lab File: BN007594.D
Acq: 11 Sep 2019 18:51

Tgt Ion:112 Resp: 8474

Ion	Ratio	Lower	Upper
112	100		
64	59.8	49.2	73.8
63	29.5	26.0	39.0



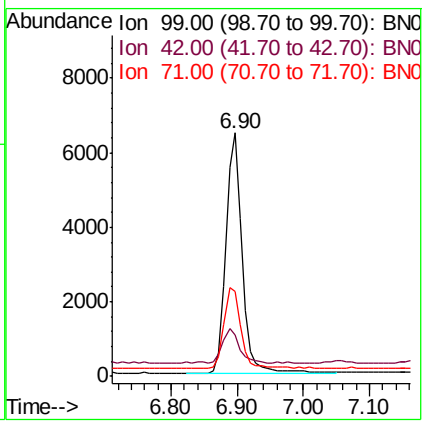


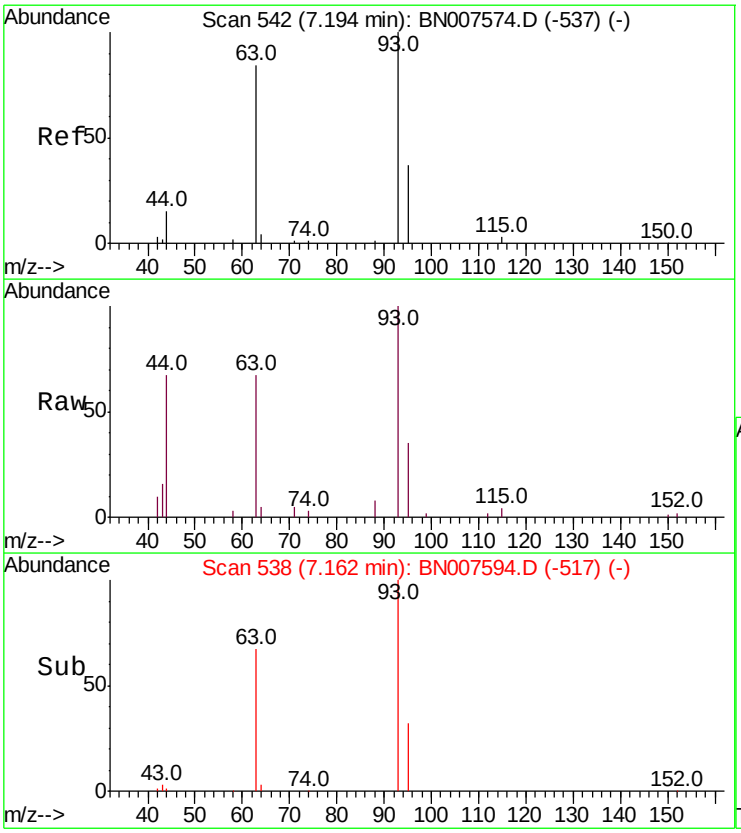
#5
Phenol-d6
Concen: 0.399 ng
RT: 6.90 min Scan# 505
Delta R.T. 0.00 min
Lab File: BN007594.D
Acq: 11 Sep 2019 18:51

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 99 Resp: 10899

Ion	Ratio	Lower	Upper
99	100		
42	15.0	11.8	17.8
71	34.8	28.8	43.2

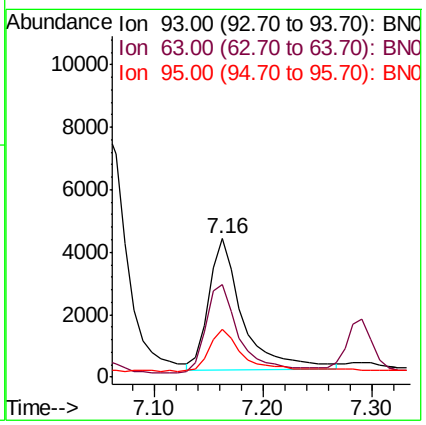


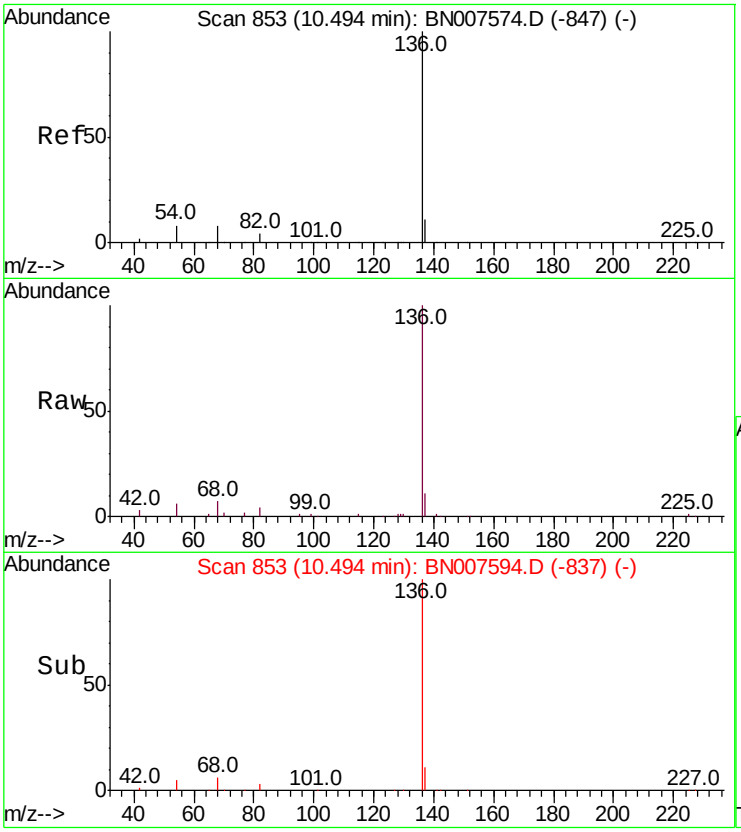


#6
bis(2-Chloroethyl)ether
Concen: 0.651 ng
RT: 7.16 min Scan# 538
Delta R.T. -0.03 min
Lab File: BN007594.D
Acq: 11 Sep 2019 18:51

Tgt Ion: 93 Resp: 9030

Ion	Ratio	Lower	Upper
93	100		
63	67.7	69.8	104.6#
95	31.6	42.8	64.2#



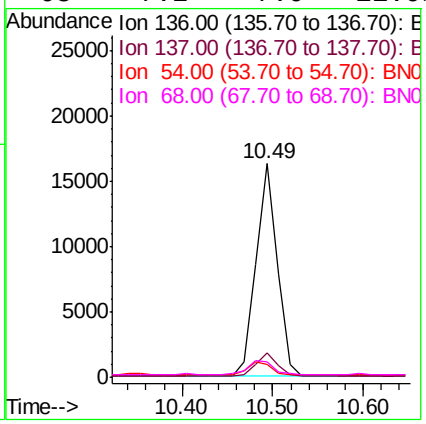


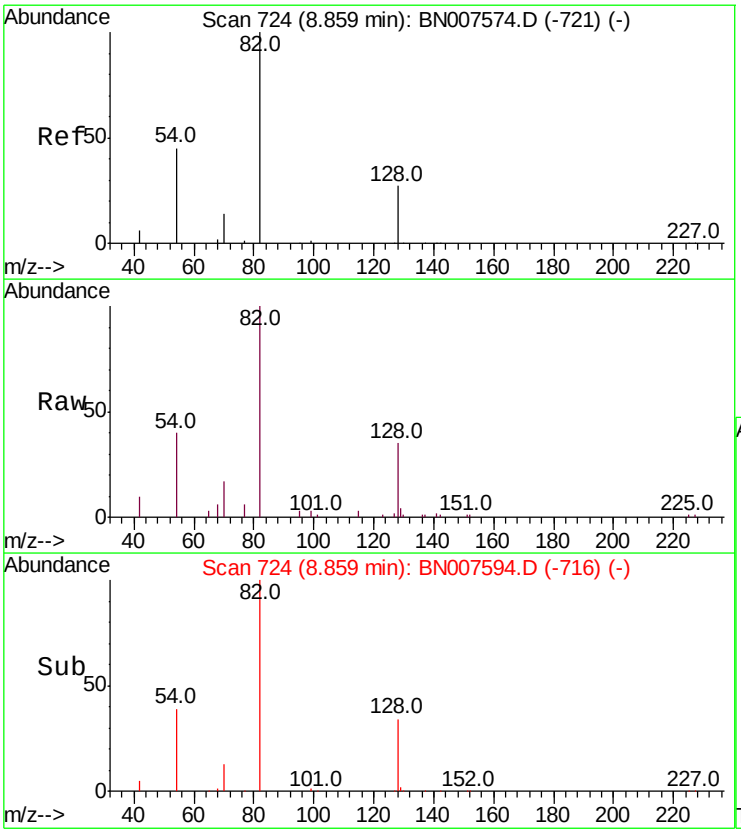
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.49 min Scan# 853
Delta R.T. 0.00 min
Lab File: BN007594.D
Acq: 11 Sep 2019 18:51

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:136 Resp: 26507

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.1	13.7
54	6.1	7.5	11.3#
68	7.2	7.9	11.9#

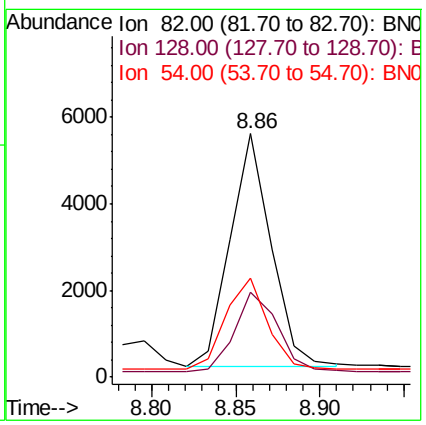


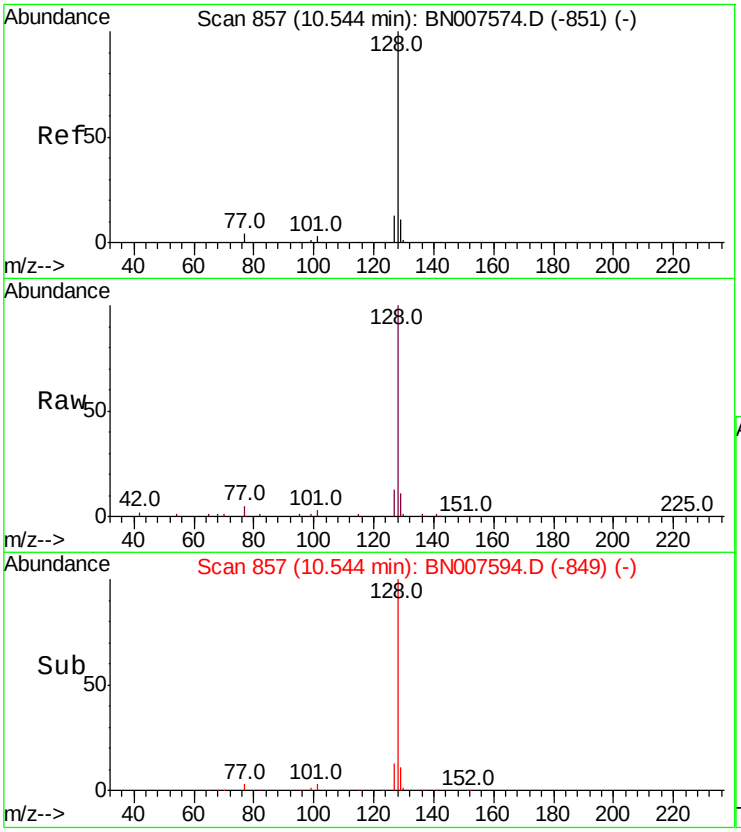


#8
Nitrobenzene-d5
Concen: 0.565 ng
RT: 8.86 min Scan# 724
Delta R.T. 0.00 min
Lab File: BN007594.D
Acq: 11 Sep 2019 18:51

Tgt Ion: 82 Resp: 9118

Ion	Ratio	Lower	Upper
82	100		
128	35.1	23.4	35.2
54	40.4	38.2	57.2



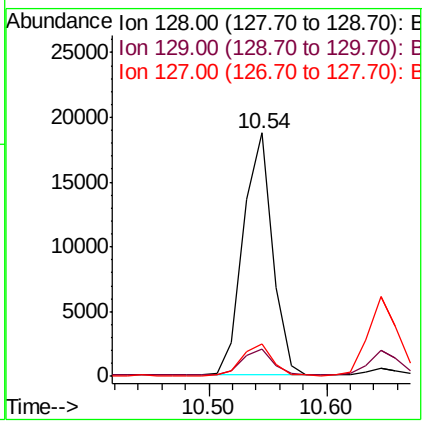


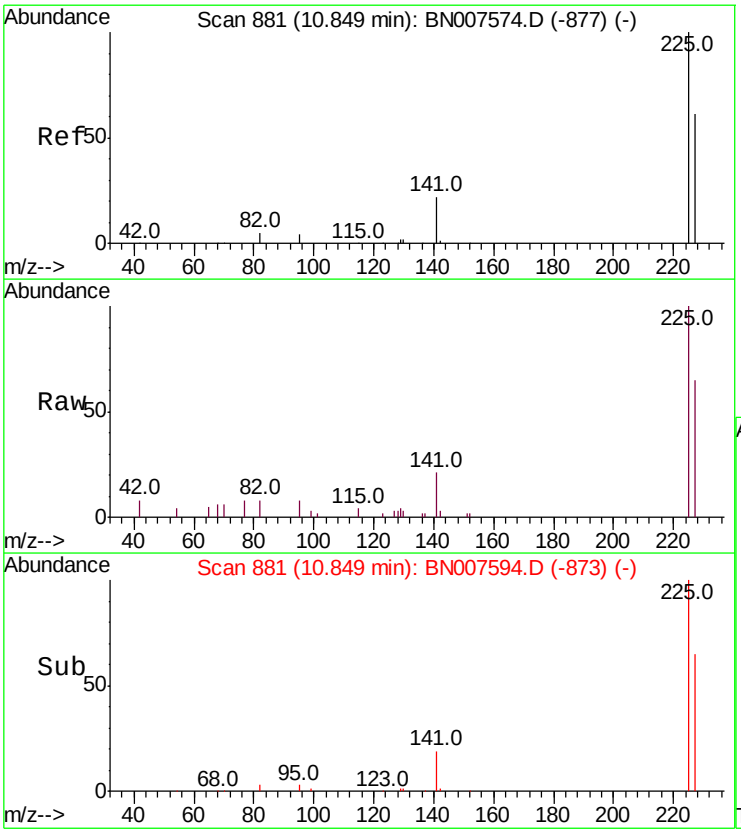
#9
Naphthalene
Concen: 0.432 ng
RT: 10.54 min Scan# 857
Delta R.T. 0.00 min
Lab File: BN007594.D
Acq: 11 Sep 2019 18:51

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:128 Resp: 32192

Ion	Ratio	Lower	Upper
128	100		
129	11.4	9.3	13.9
127	13.4	11.0	16.4

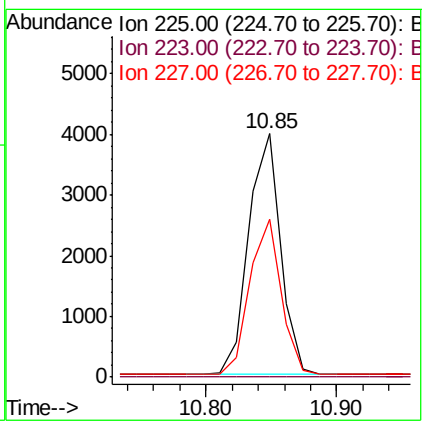


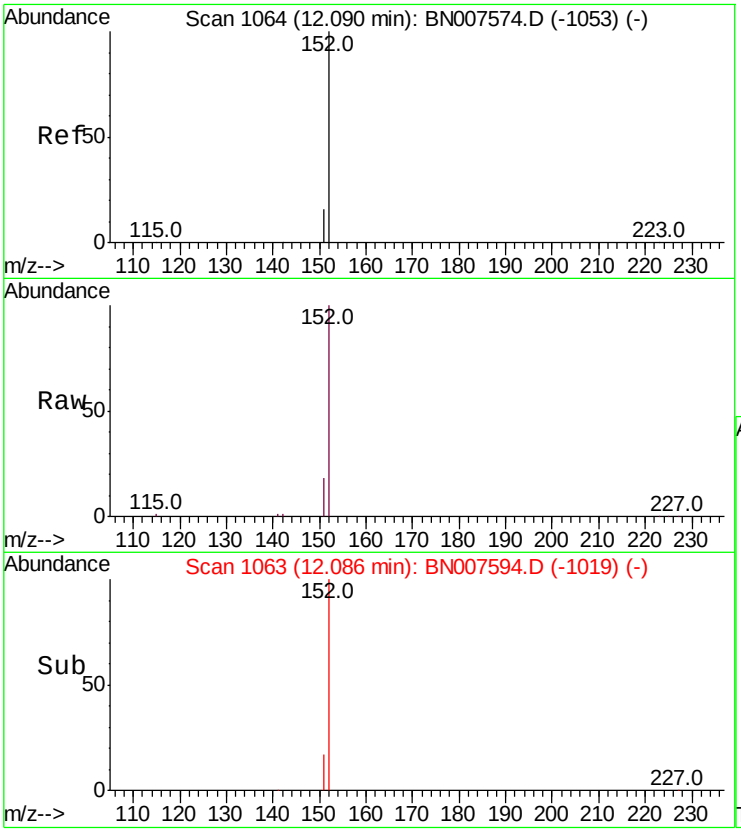


#10
Hexachlorobutadiene
Concen: 0.445 ng
RT: 10.85 min Scan# 881
Delta R.T. 0.00 min
Lab File: BN007594.D
Acq: 11 Sep 2019 18:51

Tgt Ion:225 Resp: 6658

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.5	50.4	75.6



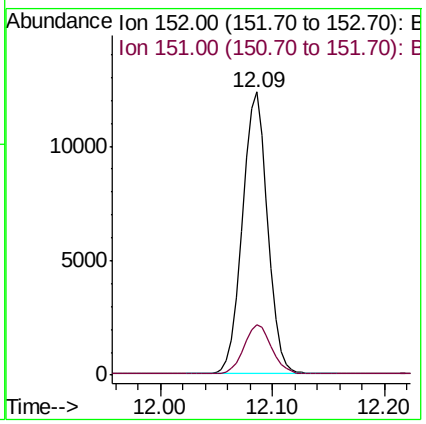


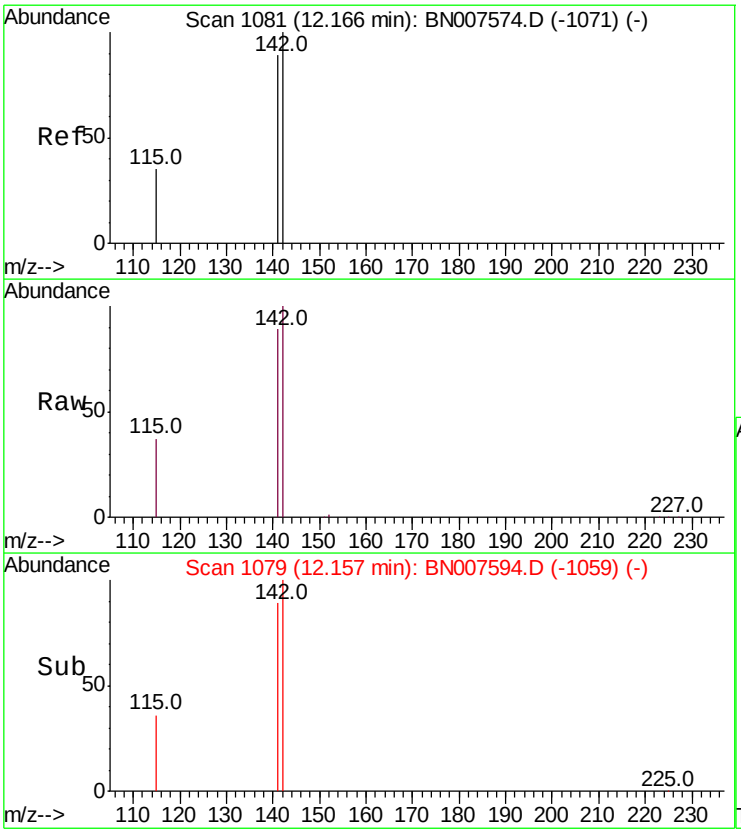
#11
2-Methylnaphthalene-d10
Concen: 0.419 ng
RT: 12.09 min Scan# 1063
Delta R.T. -0.00 min
Lab File: BN007594.D
Acq: 11 Sep 2019 18:51

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 19176

Ion	Ratio	Lower	Upper
152	100		
151	19.3	15.3	22.9

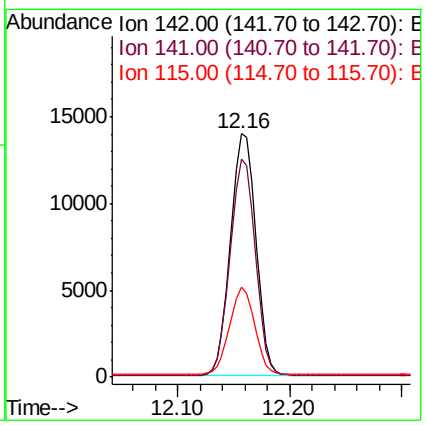


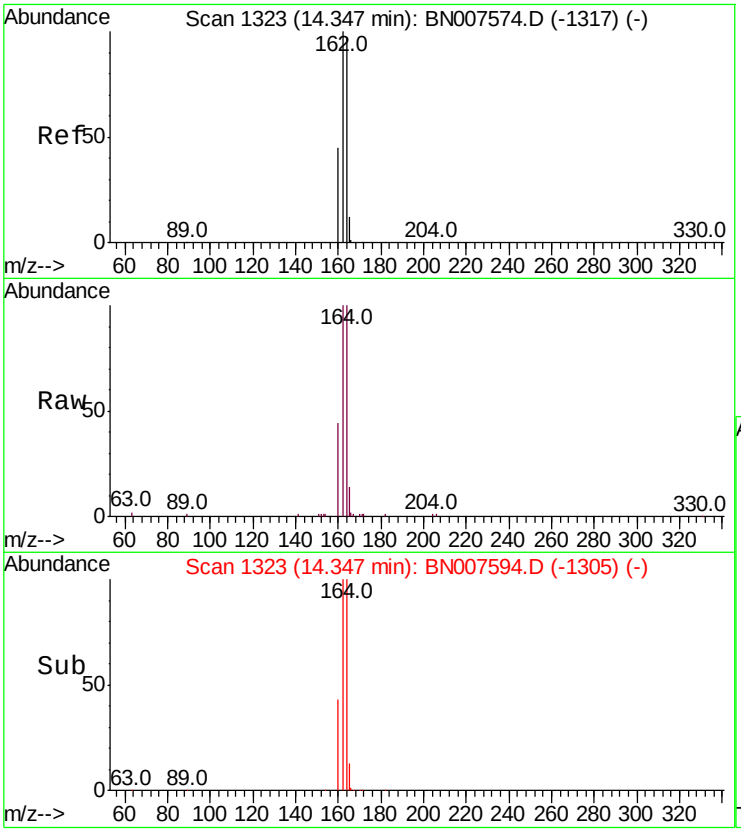


#12
2-Methylnaphthalene
Concen: 0.419 ng
RT: 12.16 min Scan# 1079
Delta R.T. -0.01 min
Lab File: BN007594.D
Acq: 11 Sep 2019 18:51

Tgt Ion:142 Resp: 21880

Ion	Ratio	Lower	Upper
142	100		
141	89.4	71.0	106.6
115	36.7	29.1	43.7



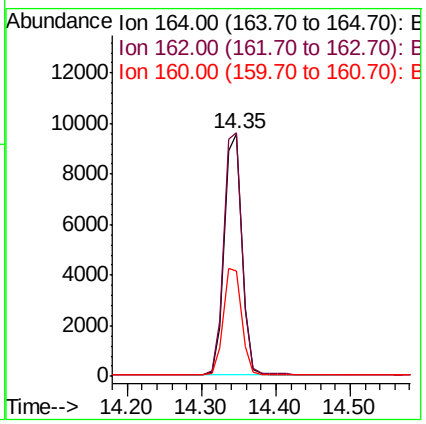


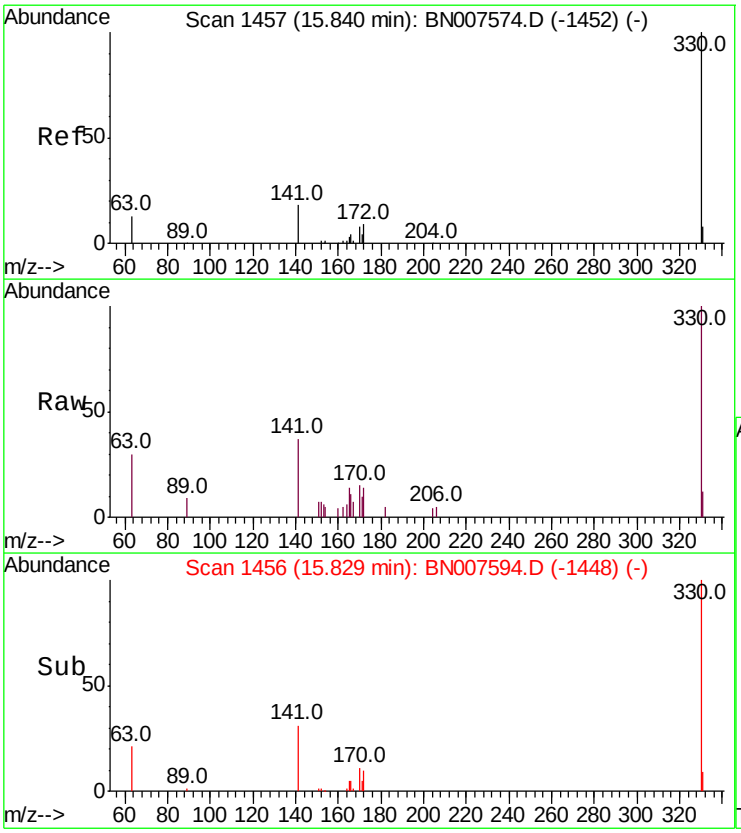
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.35 min Scan# 1323
Delta R.T. 0.00 min
Lab File: BN007594.D
Acq: 11 Sep 2019 18:51

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:164 Resp: 15586

Ion	Ratio	Lower	Upper
164	100		
162	100.2	82.2	123.2
160	43.6	37.4	56.0

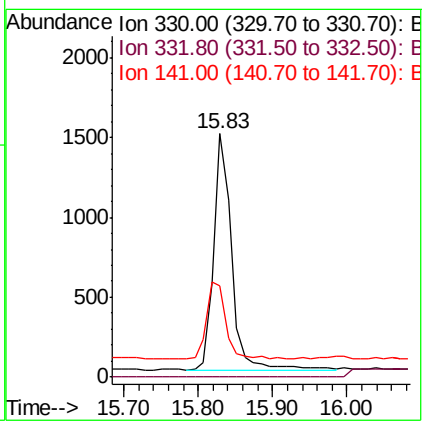


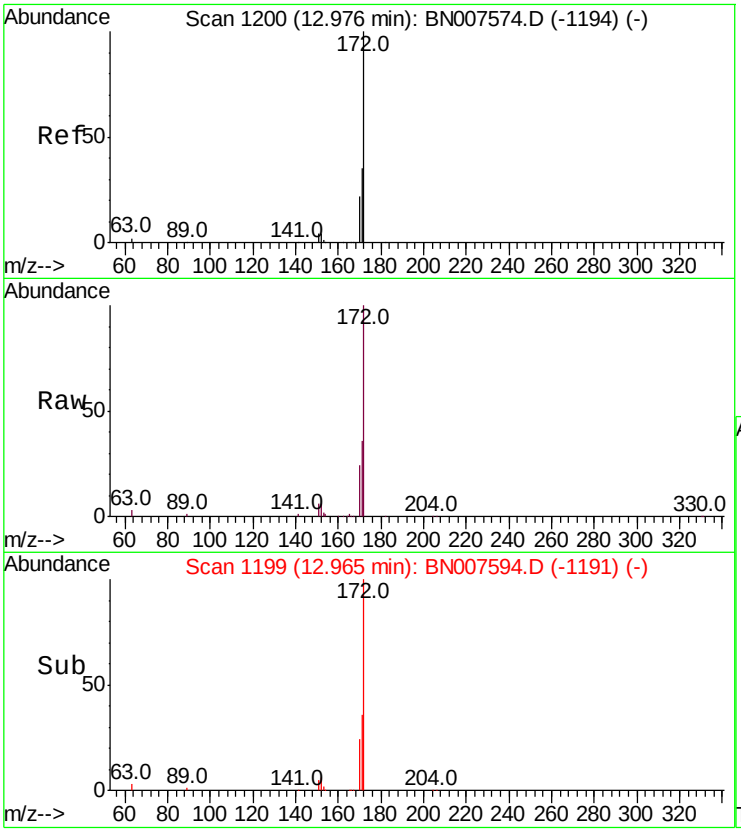


#14
2,4,6-Tribromophenol
Concen: 0.414 ng
RT: 15.83 min Scan# 1456
Delta R.T. -0.01 min
Lab File: BN007594.D
Acq: 11 Sep 2019 18:51

Tgt Ion:330 Resp: 2455

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	36.3	30.6	45.8



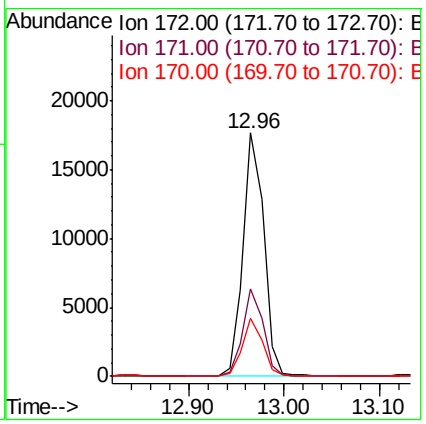


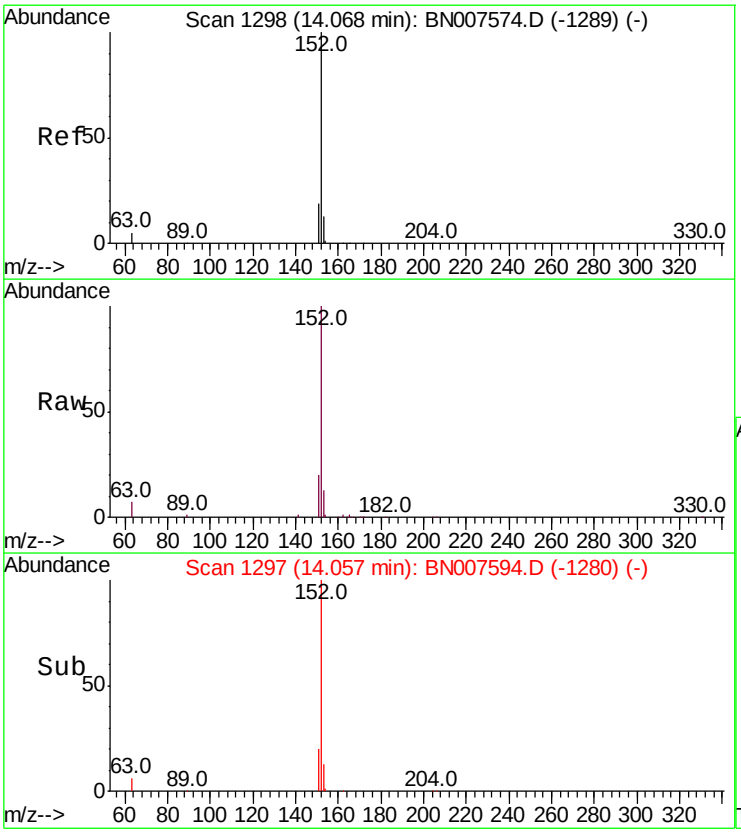
#15
2-Fluorobiphenyl
Concen: 0.410 ng
RT: 12.96 min Scan# 1199
Delta R.T. -0.01 min
Lab File: BN007594.D
Acq: 11 Sep 2019 18:51

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:172 Resp: 26434

Ion	Ratio	Lower	Upper
172	100		
171	36.0	28.2	42.2
170	23.8	18.3	27.5

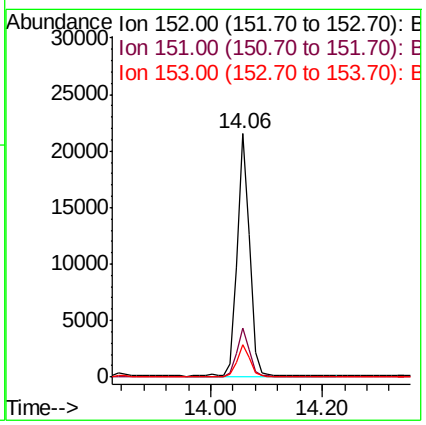


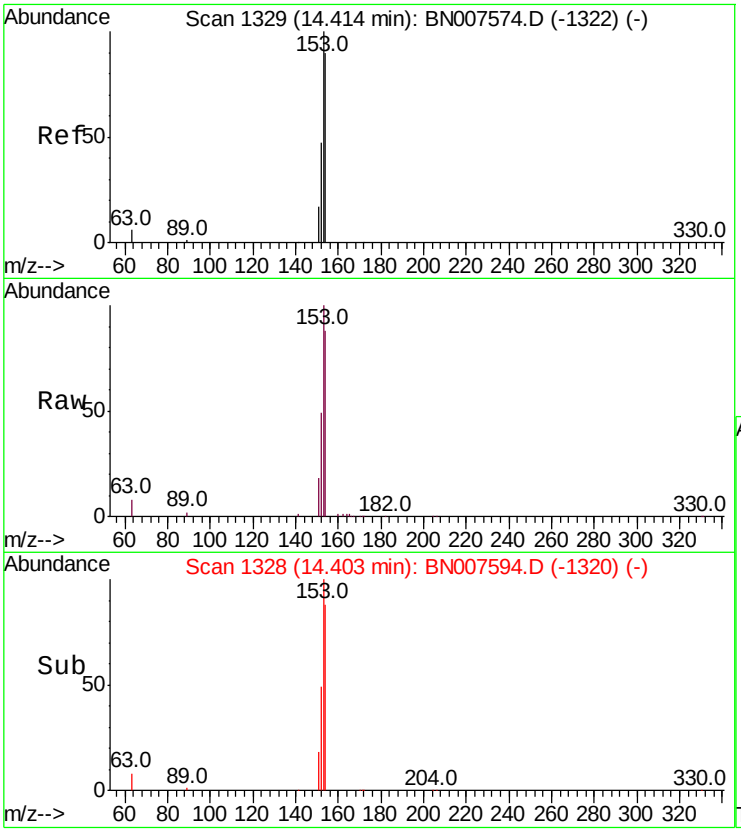


#16
Acenaphthylene
Concen: 0.383 ng
RT: 14.06 min Scan# 1297
Delta R.T. -0.01 min
Lab File: BN007594.D
Acq: 11 Sep 2019 18:51

Tgt Ion:152 Resp: 32075

Ion	Ratio	Lower	Upper
152	100		
151	19.8	15.8	23.6
153	13.0	10.4	15.6



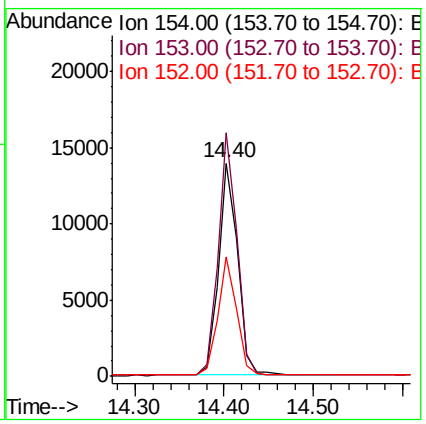


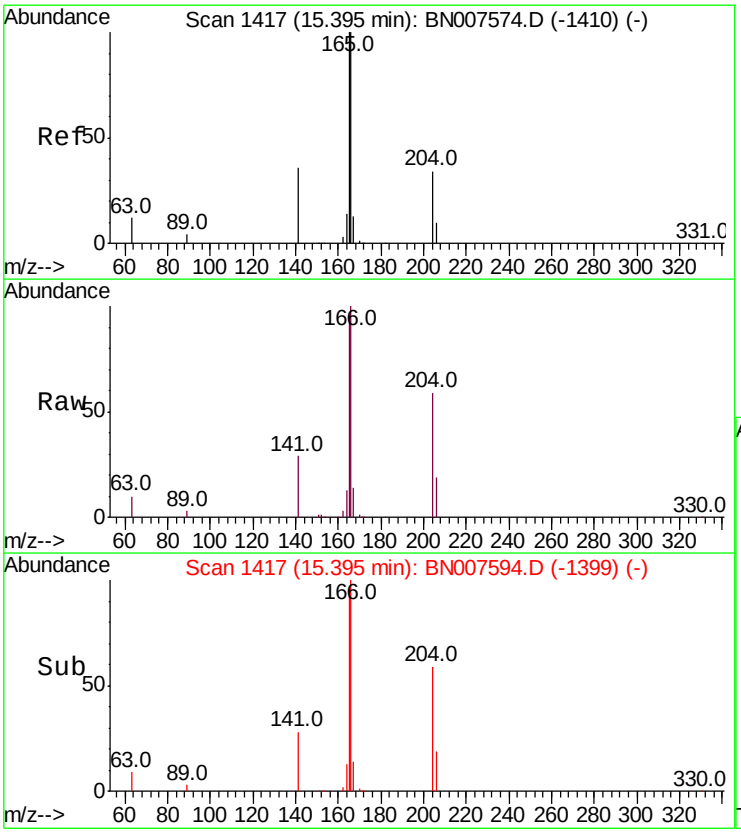
#17
Acenaphthene
Concen: 0.394 ng
RT: 14.40 min Scan# 1328
Delta R.T. -0.01 min
Lab File: BN007594.D
Acq: 11 Sep 2019 18:51

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:154 Resp: 20848

Ion	Ratio	Lower	Upper
154	100		
153	111.8	89.4	134.2
152	54.5	43.4	65.0

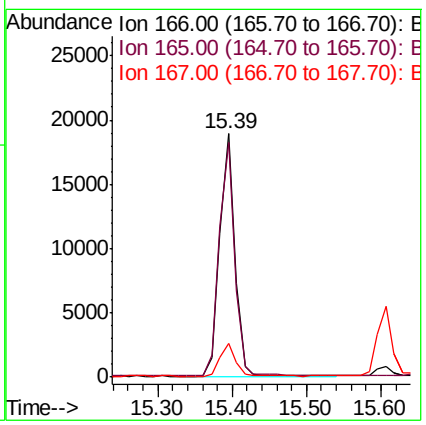


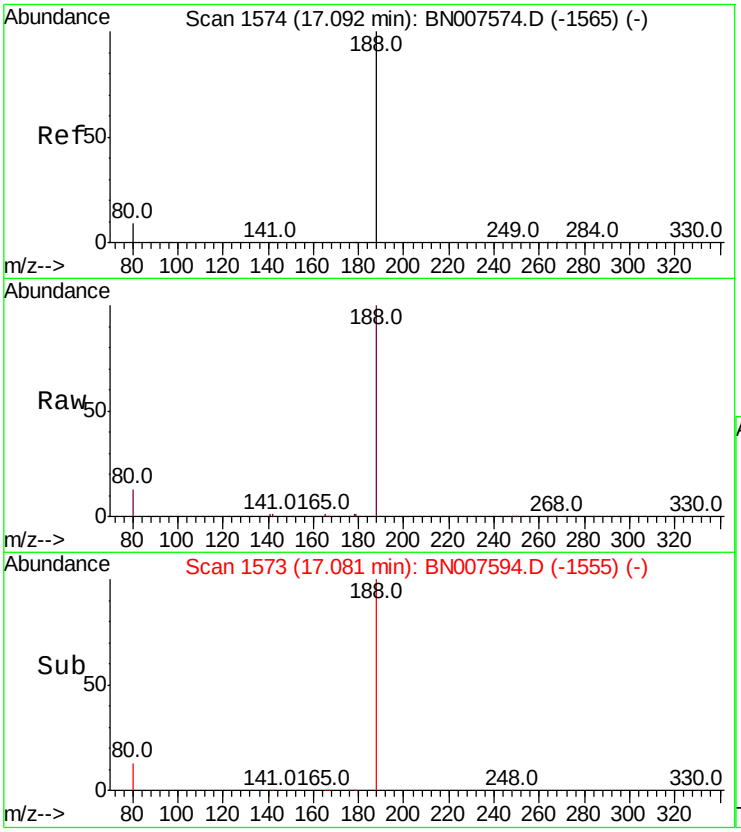


#18
Fluorene
Concen: 0.385 ng
RT: 15.39 min Scan# 1417
Delta R.T. 0.00 min
Lab File: BN007594.D
Acq: 11 Sep 2019 18:51

Tgt Ion:166 Resp: 26773

Ion	Ratio	Lower	Upper
166	100		
165	98.0	77.8	116.6
167	13.6	11.0	16.4



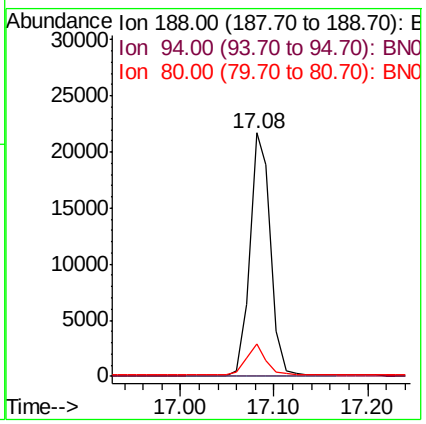


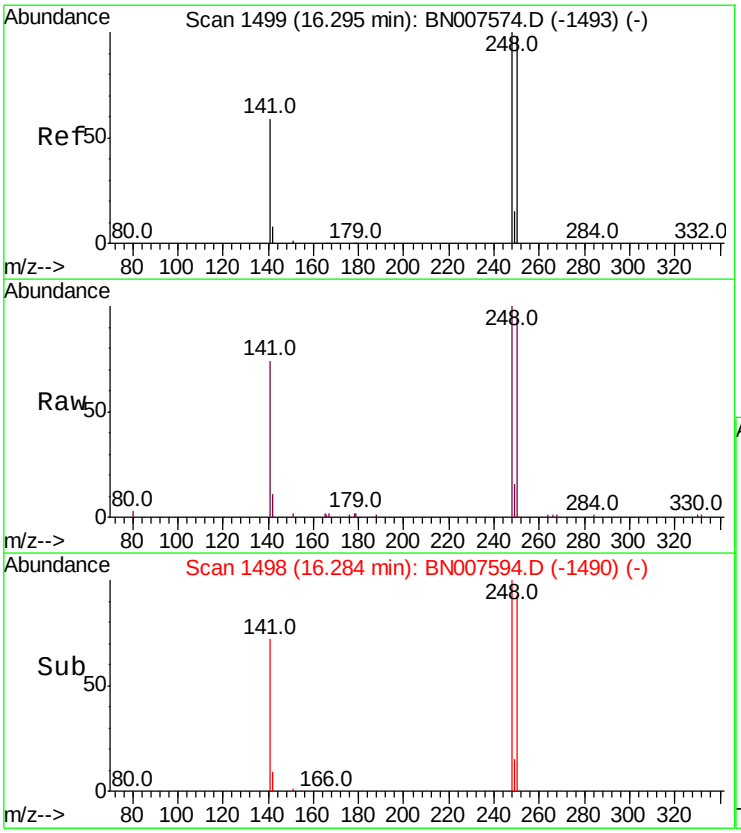
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.08 min Scan# 1573
Delta R.T. -0.01 min
Lab File: BN007594.D
Acq: 11 Sep 2019 18:51

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:188 Resp: 33401

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	13.3	8.1	12.1#

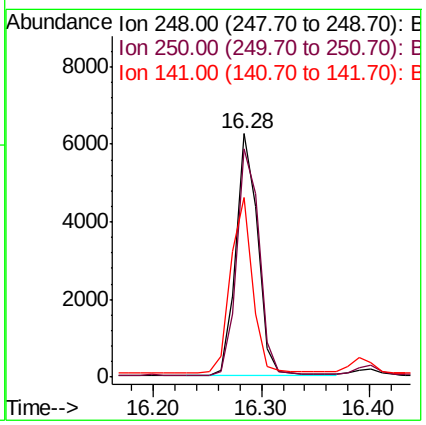


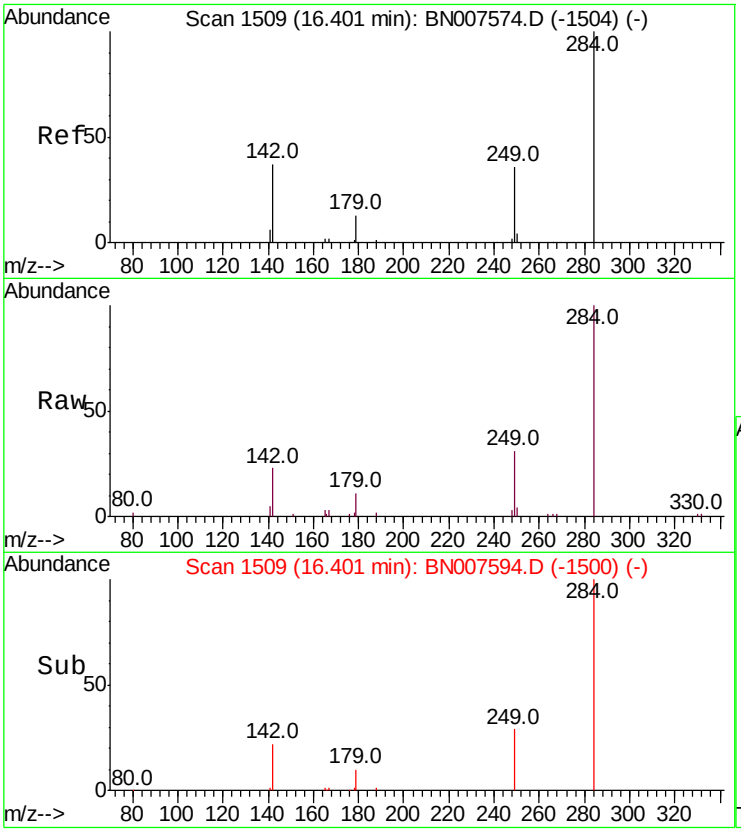


#20
4-Bromophenyl-phenylether
Concen: 0.443 ng
RT: 16.28 min Scan# 1498
Delta R.T. -0.01 min
Lab File: BN007594.D
Acq: 11 Sep 2019 18:51

Tgt Ion:248 Resp: 8742

Ion	Ratio	Lower	Upper
248	100		
250	93.6	78.9	118.3
141	73.6	48.3	72.5#



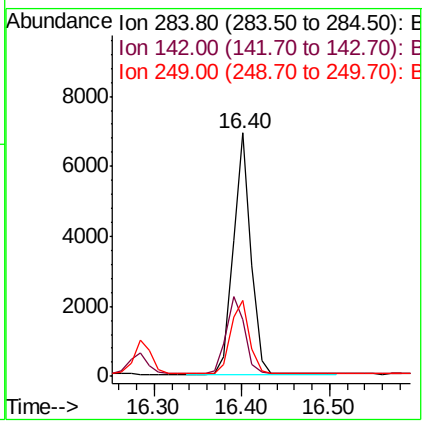


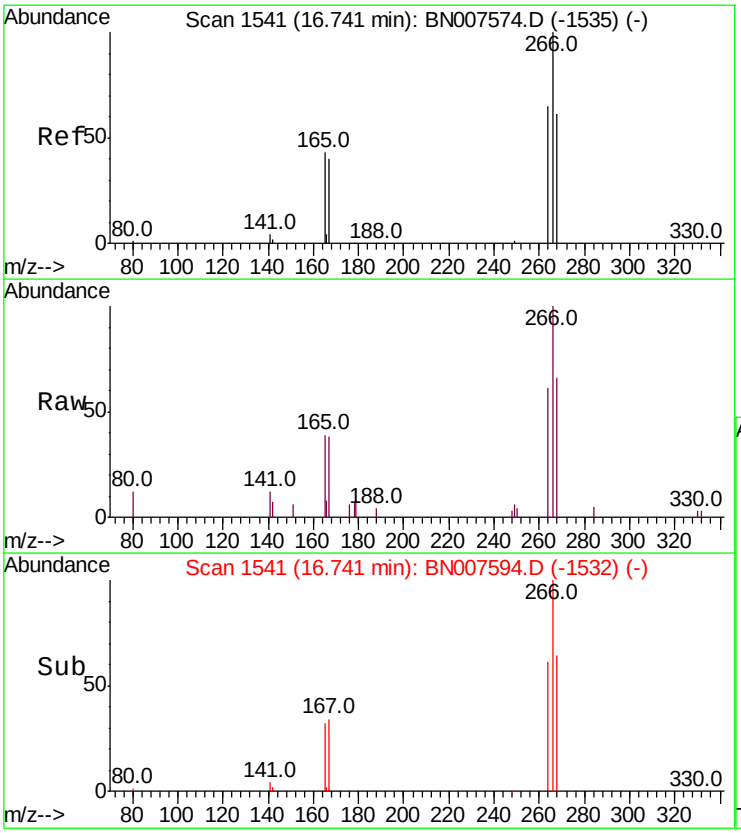
#21
Hexachlorobenzene
Concen: 0.456 ng
RT: 16.40 min Scan# 1509
Delta R.T. 0.00 min
Lab File: BN007594.D
Acq: 11 Sep 2019 18:51

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:284 Resp: 9478

Ion	Ratio	Lower	Upper
284	100		
142	33.3	27.9	41.9
249	32.0	26.0	39.0

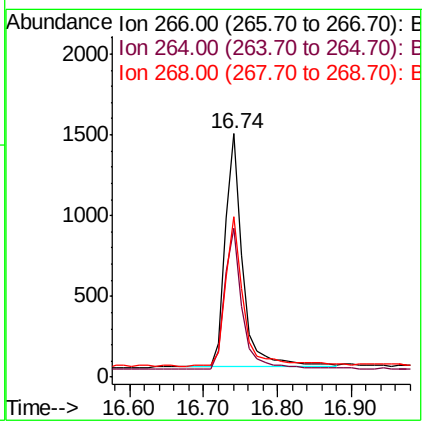


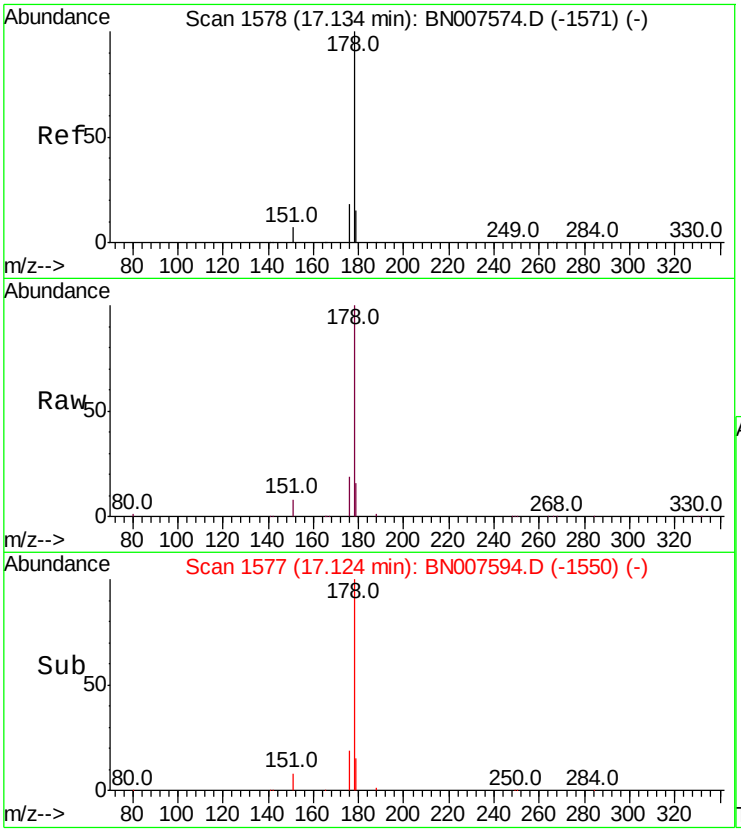


#22
Pentachlorophenol
Concen: 0.523 ng
RT: 16.74 min Scan# 1541
Delta R.T. 0.00 min
Lab File: BN007594.D
Acq: 11 Sep 2019 18:51

Tgt Ion:266 Resp: 2418

Ion	Ratio	Lower	Upper
266	100		
264	61.3	52.0	78.0
268	66.0	53.5	80.3



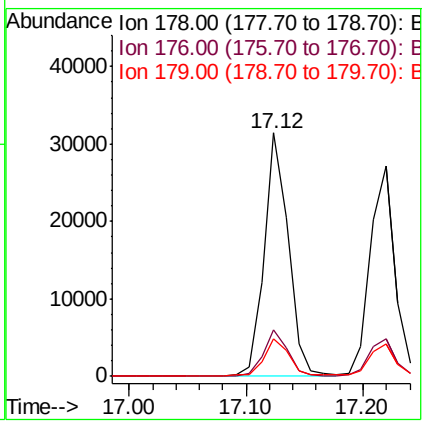


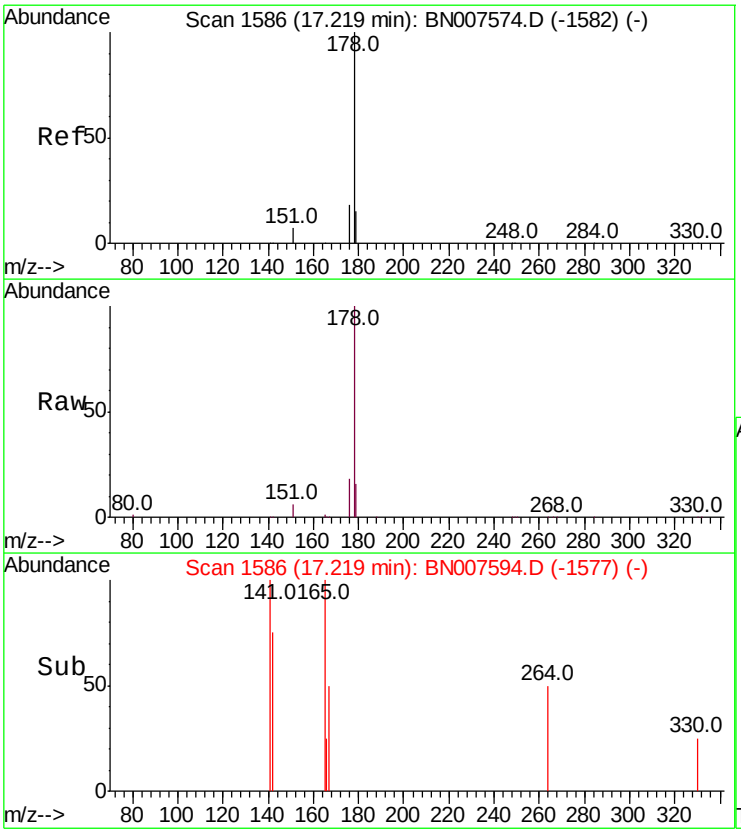
#23
Phenanthrene
Concen: 0.434 ng
RT: 17.12 min Scan# 1577
Delta R.T. -0.01 min
Lab File: BN007594.D
Acq: 11 Sep 2019 18:51

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:178 Resp: 44731

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.0	22.4
179	15.5	12.2	18.2

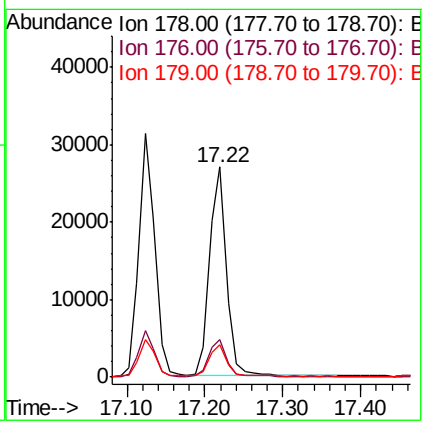


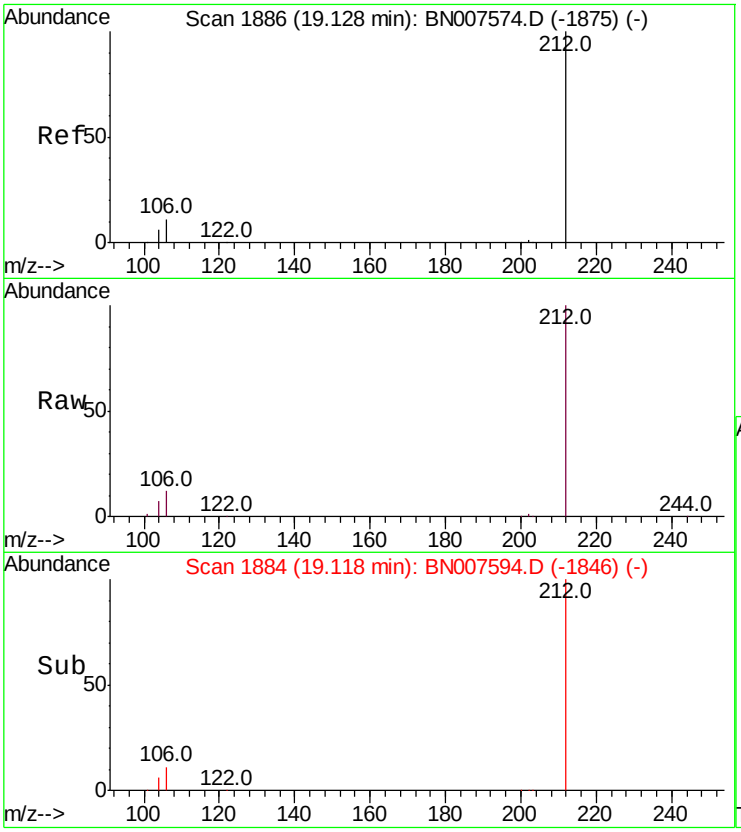


#24
Anthracene
Concen: 0.425 ng
RT: 17.22 min Scan# 1586
Delta R.T. 0.00 min
Lab File: BN007594.D
Acq: 11 Sep 2019 18:51

Tgt Ion:178 Resp: 40373

Ion	Ratio	Lower	Upper
178	100		
176	18.1	14.4	21.6
179	15.3	12.5	18.7



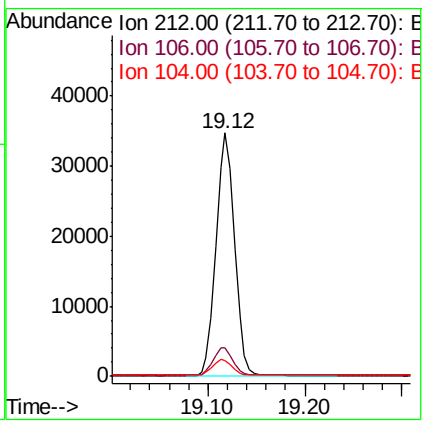


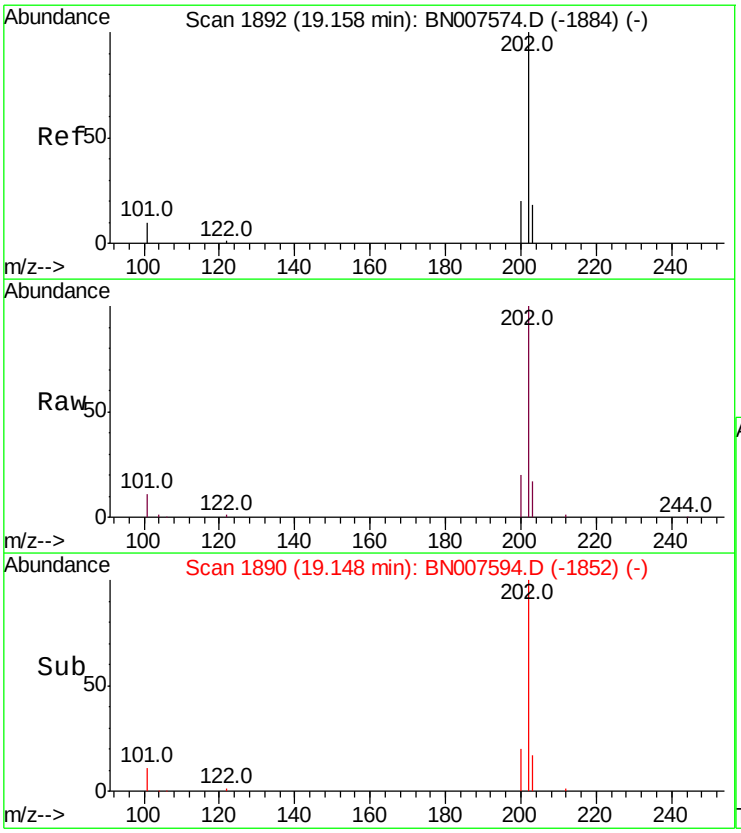
#25
Fluoranthene-d10
Concen: 0.429 ng
RT: 19.12 min Scan# 1884
Delta R.T. -0.01 min
Lab File: BN007594.D
Acq: 11 Sep 2019 18:51

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:212 Resp: 46530

Ion	Ratio	Lower	Upper
212	100		
106	11.9	9.7	14.5
104	6.7	5.5	8.3

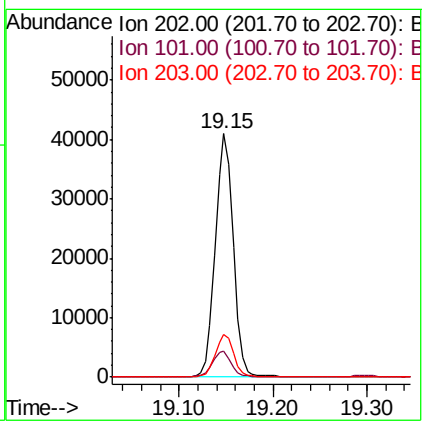


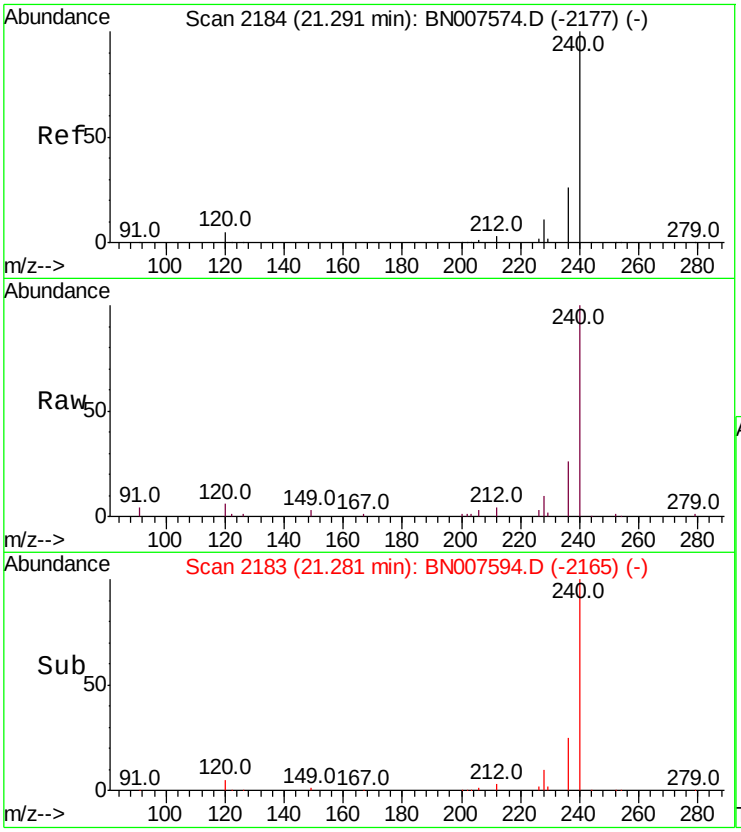


#26
Fluoranthene
Concen: 0.428 ng
RT: 19.15 min Scan# 1890
Delta R.T. -0.01 min
Lab File: BN007594.D
Acq: 11 Sep 2019 18:51

Tgt Ion:202 Resp: 53520

Ion	Ratio	Lower	Upper
202	100		
101	10.9	8.8	13.2
203	17.2	13.8	20.8



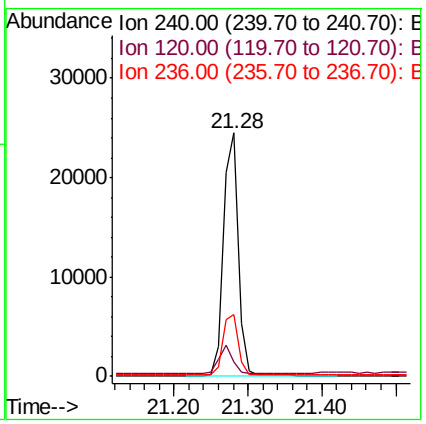


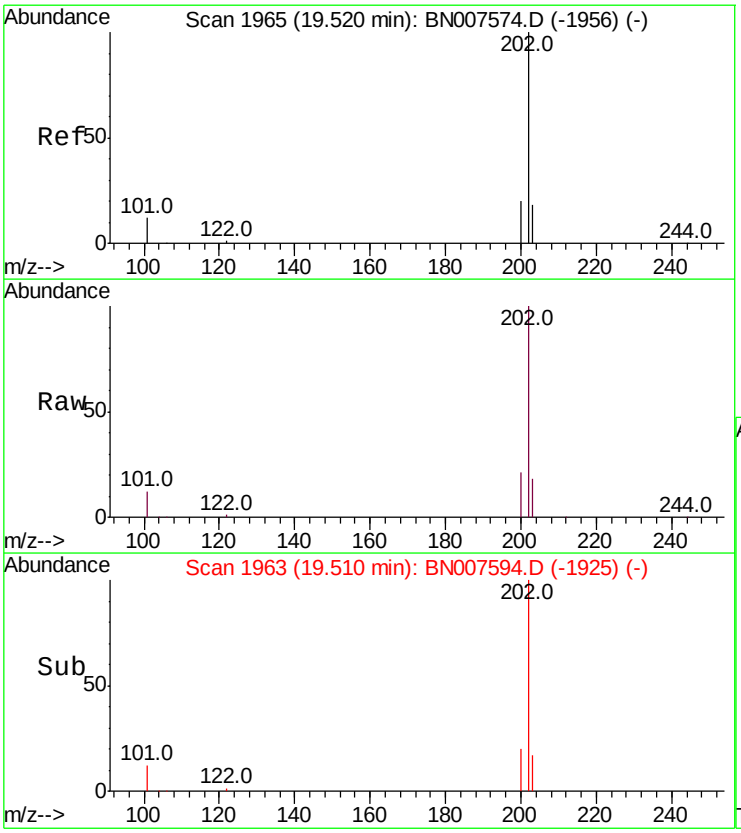
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.28 min Scan# 2183
Delta R.T. -0.01 min
Lab File: BN007594.D
Acq: 11 Sep 2019 18:51

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:240 Resp: 34596

Ion	Ratio	Lower	Upper
240	100		
120	5.8	5.0	7.4
236	25.7	20.6	31.0

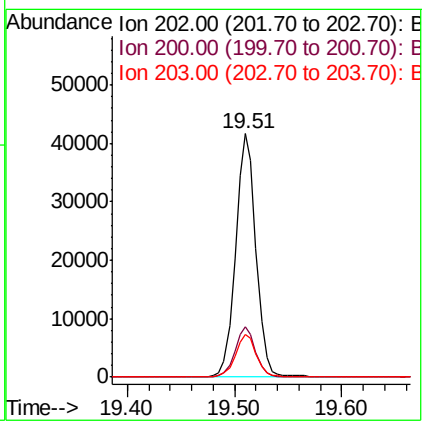


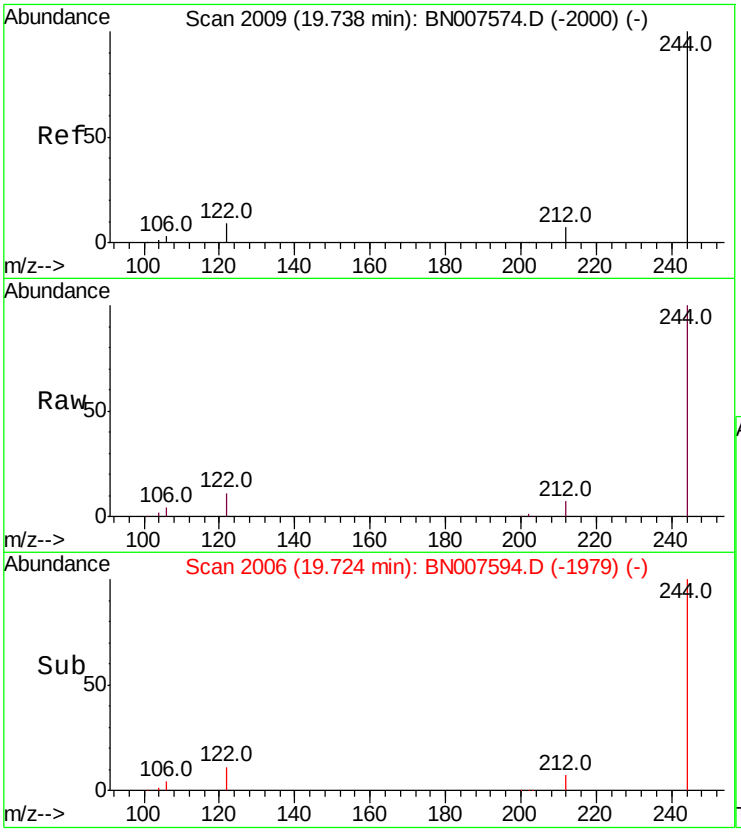


#28
Pyrene
Concen: 0.437 ng
RT: 19.51 min Scan# 1963
Delta R.T. -0.01 min
Lab File: BN007594.D
Acq: 11 Sep 2019 18:51

Tgt Ion:202 Resp: 54373

Ion	Ratio	Lower	Upper
202	100		
200	20.3	16.3	24.5
203	17.6	14.1	21.1



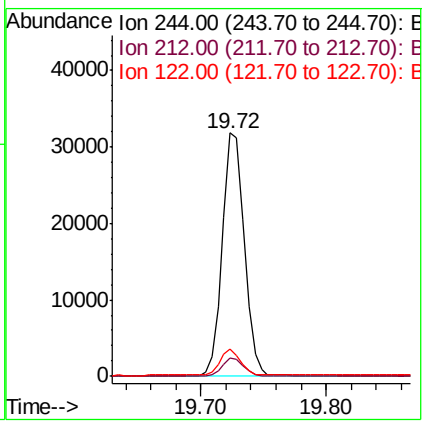


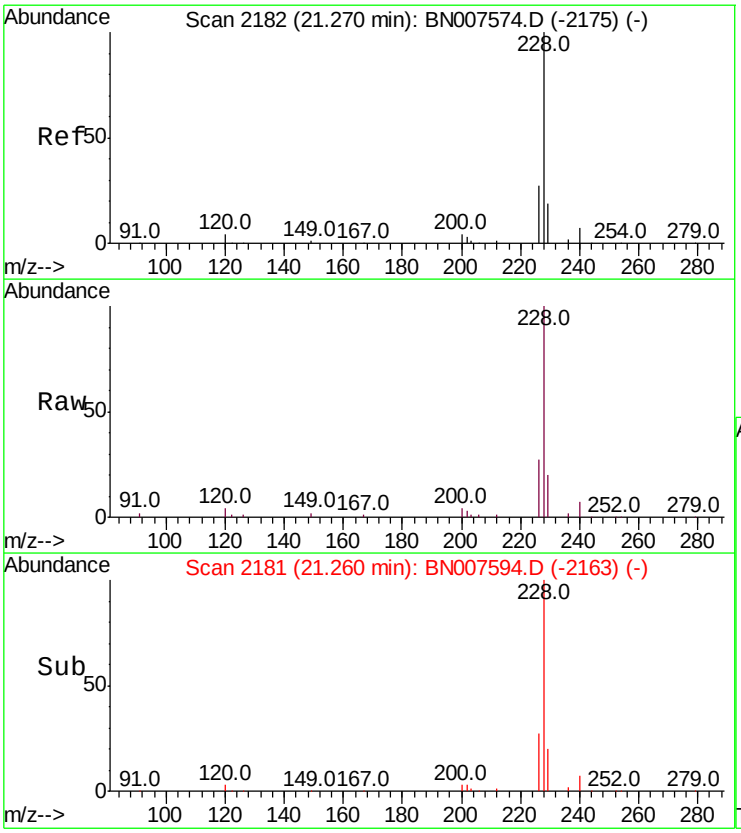
#29
Terphenyl-d14
Concen: 0.431 ng
RT: 19.72 min Scan# 2006
Delta R.T. -0.01 min
Lab File: BN007594.D
Acq: 11 Sep 2019 18:51

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:244 Resp: 38764

Ion	Ratio	Lower	Upper
244	100		
212	7.4	5.8	8.8
122	11.0	7.8	11.6

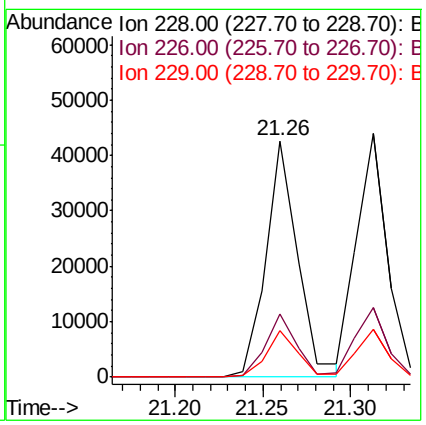


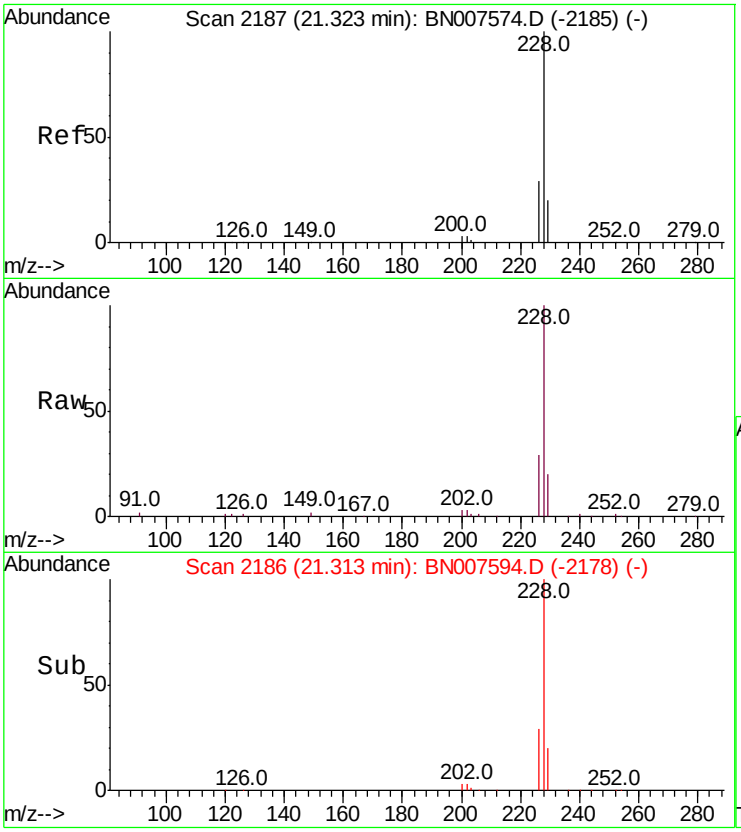


#30
Benzo(a)anthracene
Concen: 0.432 ng
RT: 21.26 min Scan# 2181
Delta R.T. -0.01 min
Lab File: BN007594.D
Acq: 11 Sep 2019 18:51

Tgt Ion:228 Resp: 53478

Ion	Ratio	Lower	Upper
228	100		
226	26.9	21.6	32.4
229	19.7	15.7	23.5



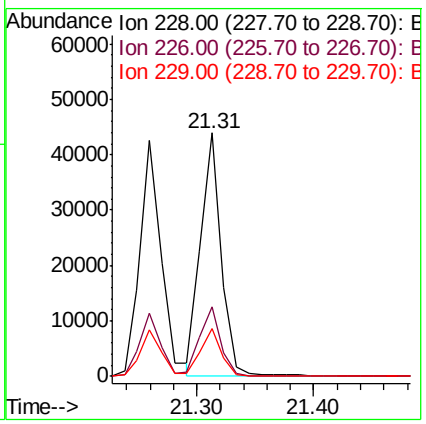


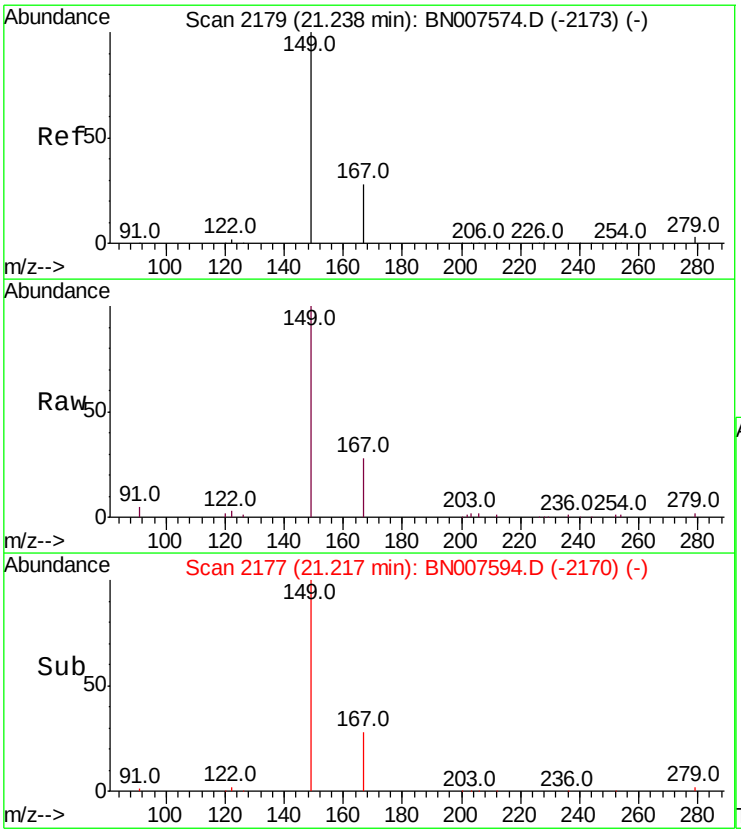
#31
Chrysene
Concen: 0.427 ng
RT: 21.31 min Scan# 2186
Delta R.T. -0.01 min
Lab File: BN007594.D
Acq: 11 Sep 2019 18:51

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:228 Resp: 53683

Ion	Ratio	Lower	Upper
228	100		
226	28.8	23.4	35.2
229	19.7	15.7	23.5

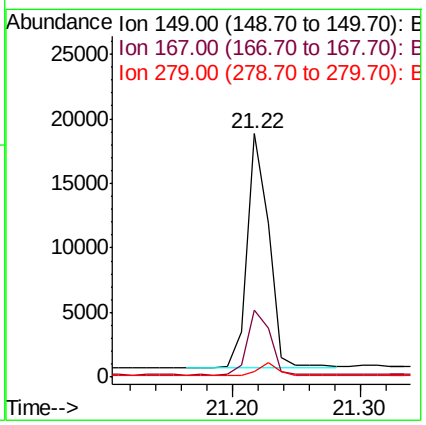


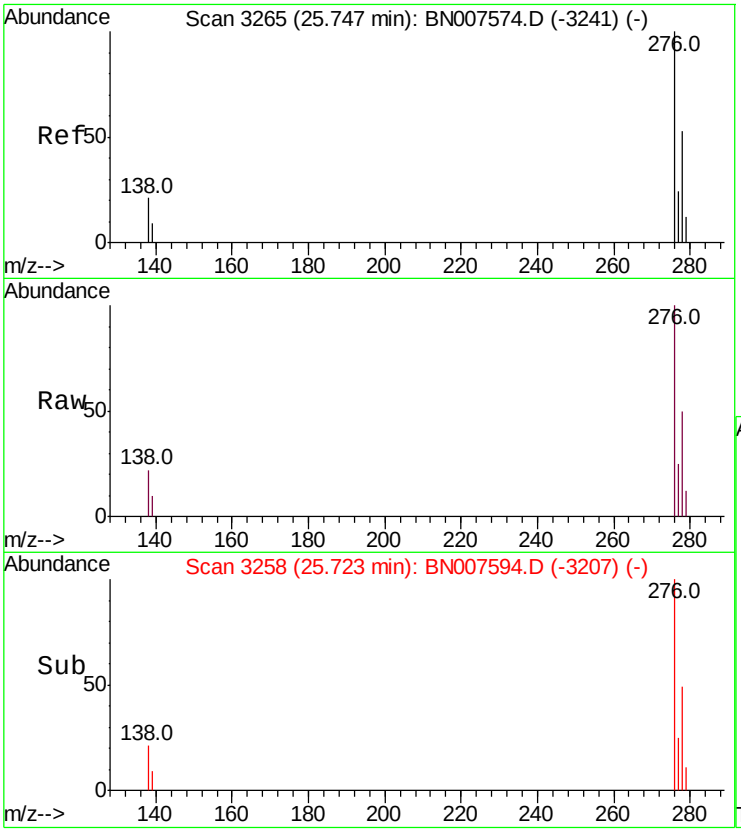


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.511 ng
RT: 21.22 min Scan# 2177
Delta R.T. -0.02 min
Lab File: BN007594.D
Acq: 11 Sep 2019 18:51

Tgt Ion:149 Resp: 21647

Ion	Ratio	Lower	Upper
149	100		
167	29.0	22.1	33.1
279	5.0	3.9	5.9



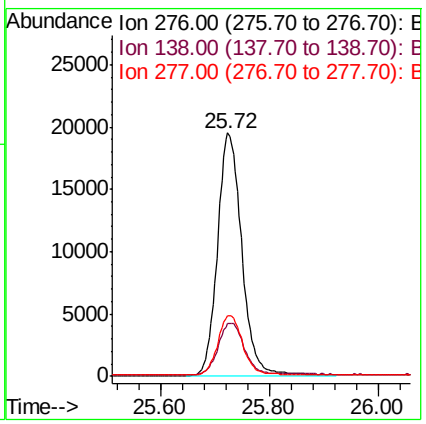


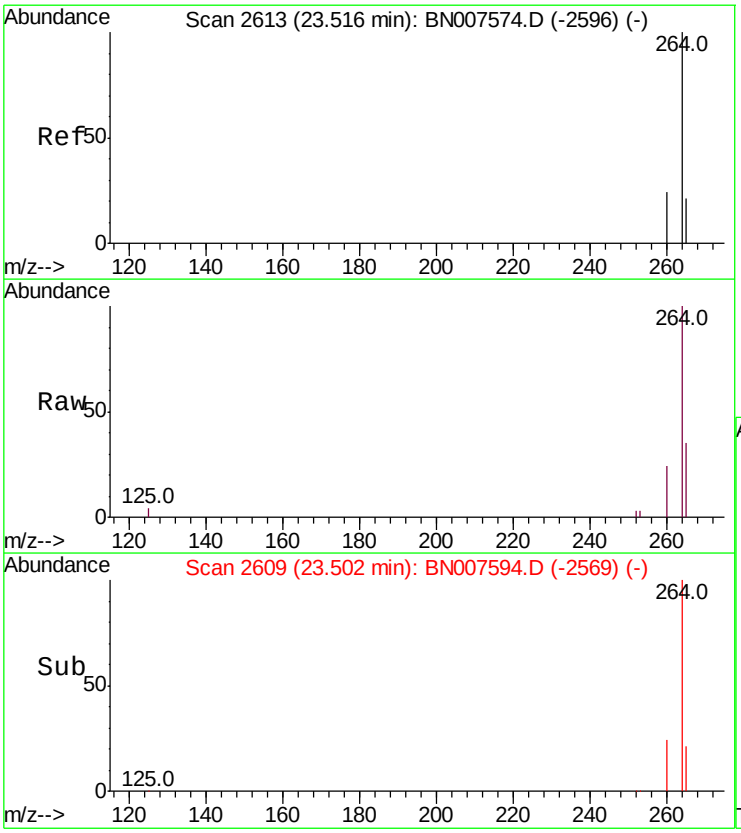
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.450 ng
RT: 25.72 min Scan# 3258
Delta R.T. -0.02 min
Lab File: BN007594.D
Acq: 11 Sep 2019 18:51

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 59896

Ion	Ratio	Lower	Upper
276	100		
138	22.5	0.0	0.0#
277	24.9	0.0	0.0#

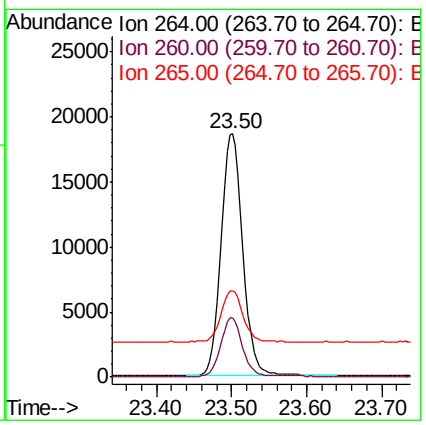


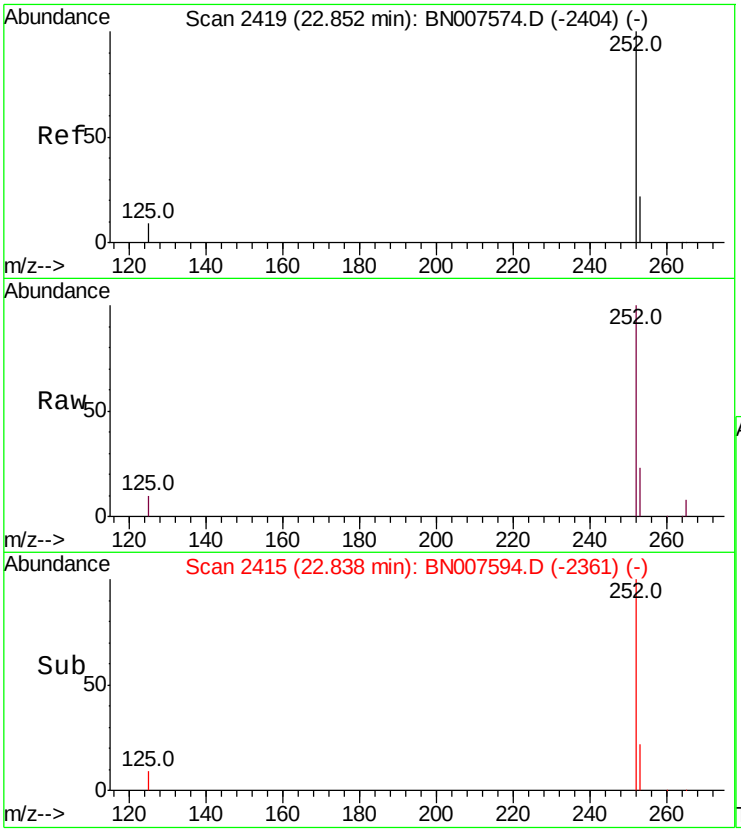


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.50 min Scan# 2609
Delta R.T. -0.01 min
Lab File: BN007594.D
Acq: 11 Sep 2019 18:51

Tgt Ion:264 Resp: 37072

Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.3	28.9
265	35.4	25.6	38.4



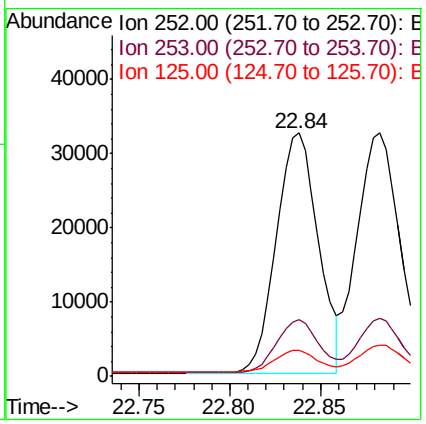


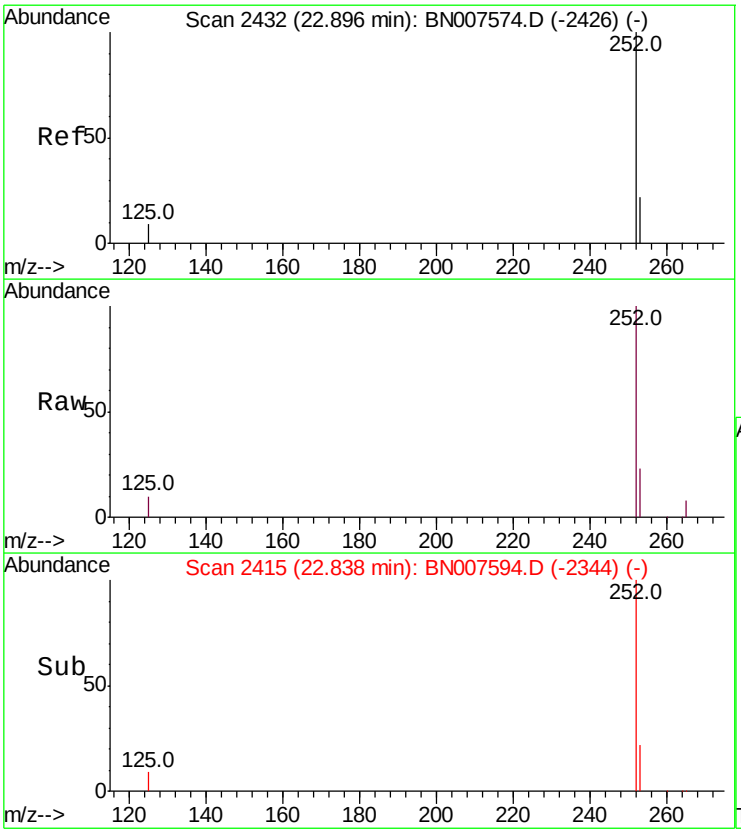
#35
Benzo(b)fluoranthene
Concen: 0.396 ng
RT: 22.84 min Scan# 2415
Delta R.T. -0.01 min
Lab File: BN007594.D
Acq: 11 Sep 2019 18:51

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 52198

Ion	Ratio	Lower	Upper
252	100		
253	23.3	18.5	27.7
125	10.5	8.2	12.2

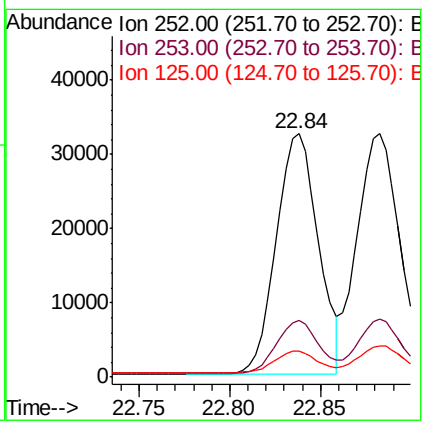


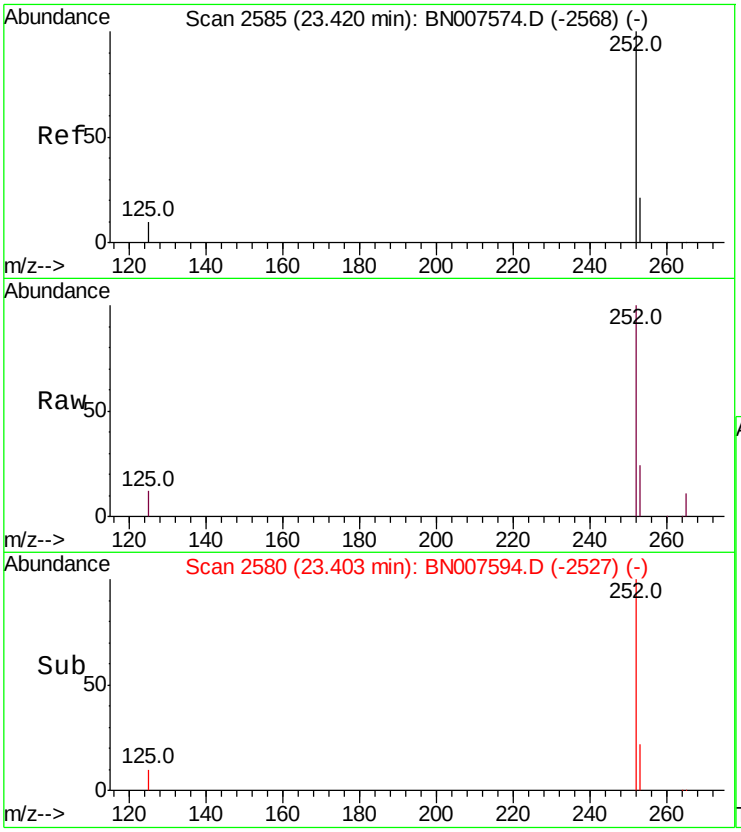


#36
Benzo(k)fluoranthene
Concen: 0.401 ng
RT: 22.84 min Scan# 2415
Delta R.T. -0.06 min
Lab File: BN007594.D
Acq: 11 Sep 2019 18:51

Tgt Ion:252 Resp: 52198

Ion	Ratio	Lower	Upper
252	100		
253	23.3	18.4	27.6
125	10.5	8.2	12.2



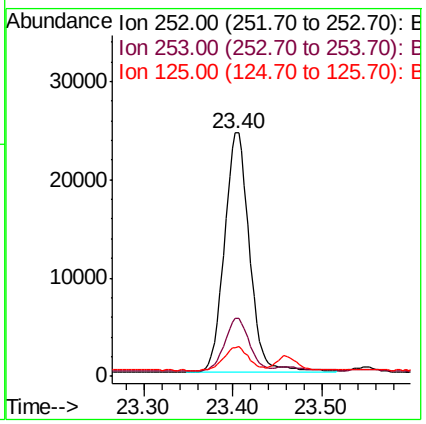


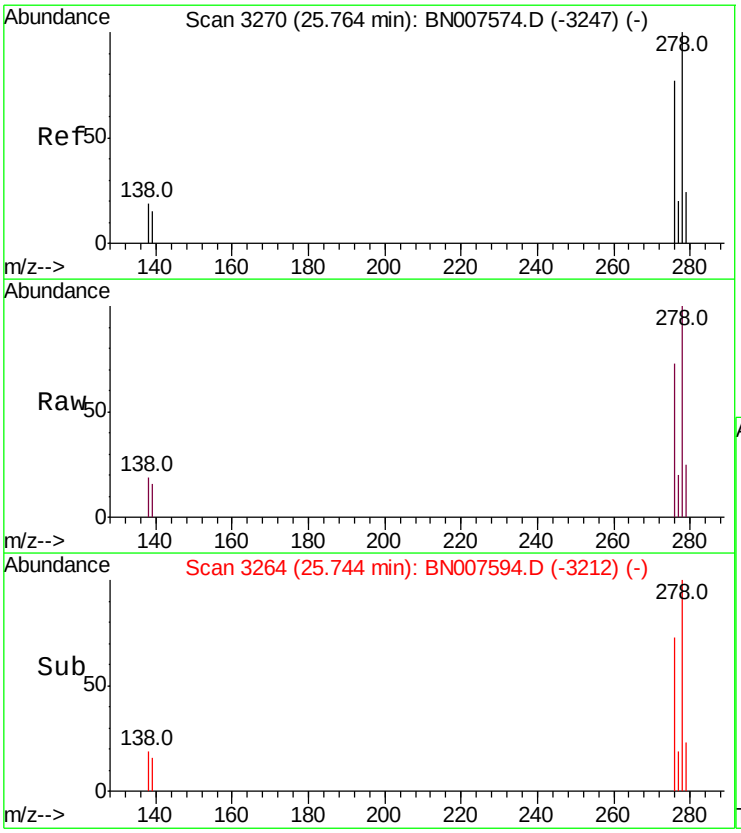
#37
Benzo(a)pyrene
Concen: 0.411 ng
RT: 23.40 min Scan# 2580
Delta R.T. -0.02 min
Lab File: BN007594.D
Acq: 11 Sep 2019 18:51

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 48168

Ion	Ratio	Lower	Upper
252	100		
253	23.7	18.6	28.0
125	11.9	9.2	13.8

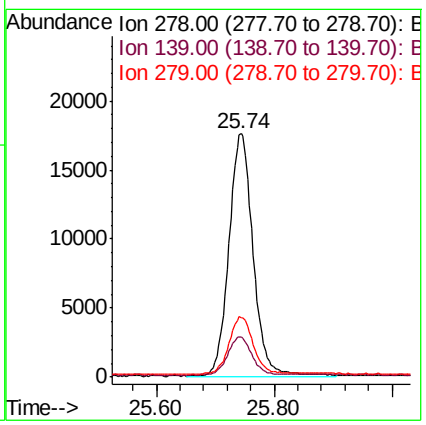


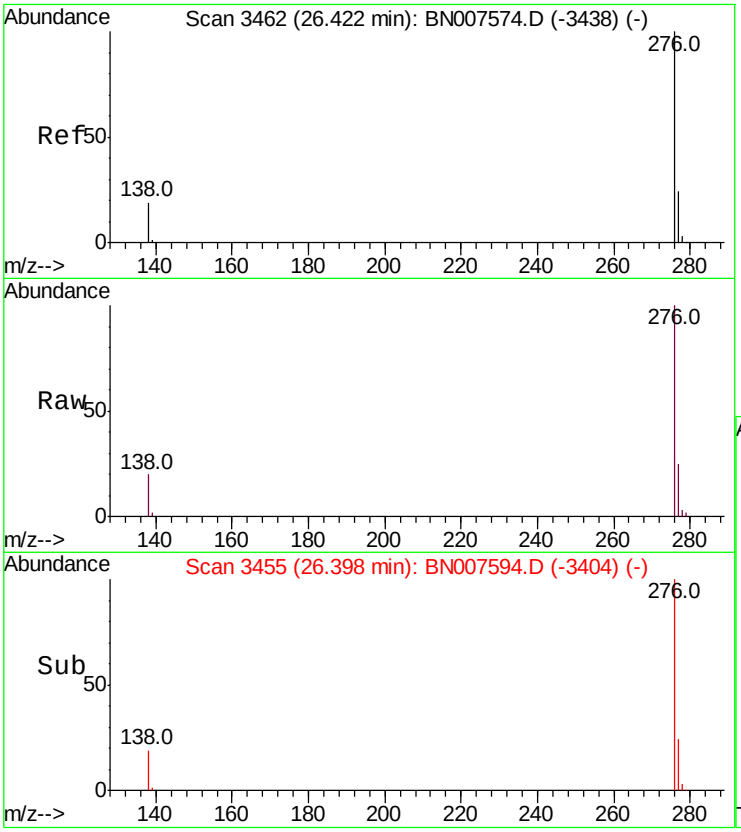


#38
Dibenzo(a,h)anthracene
Concen: 0.423 ng
RT: 25.74 min Scan# 3264
Delta R.T. -0.02 min
Lab File: BN007594.D
Acq: 11 Sep 2019 18:51

Tgt Ion:278 Resp: 49736

Ion	Ratio	Lower	Upper
278	100		
139	16.5	12.5	18.7
279	24.6	20.2	30.2





#39
Benzo(g,h,i)perylene
Concen: 0.404 ng
RT: 26.40 min Scan# 3455
Delta R.T. -0.02 min
Lab File: BN007594.D
Acq: 11 Sep 2019 18:51

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 48188

Ion	Ratio	Lower	Upper
276	100		
277	24.5	19.7	29.5
138	20.1	15.9	23.9