Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091319\
Data File : BN007645.D
Acq On : 14 Sep 2019 03:11
Operator : HP/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDCCC0.4

Quant Time: Sep 16 01:36:38 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN091219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 12 14:27:51 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	9524	0.40	ng		0.00
7) Naphthalene-d8	10.48	136	36630	0.40	ng		-0.01
13) Acenaphthene-d10	14.33	164	20343	0.40	ng		0.00
19) Phenanthrene-d10	17.08	188	41376	0.40	ng		0.00
27) Chrysene-d12	21.26	240	39808	0.40	ng		-0.02
34) Perylene-d12	23.49	264	41178	0.40	ng		-0.02
System Monitoring Compounds							
4) 2-Fluorophenol	5.33	112	10159	0.33	ng		0.00
5) Phenol-d6	6.89	99	13183	0.36	ng		0.00
8) Nitrobenzene-d5	8.85	82	11174	0.38	ng		-0.01
11) 2-Methylnaphthalene-d10	12.08	152	25704	0.41	ng		0.00
14) 2,4,6-Tribromophenol	15.82	330	2306	0.30	ng		0.00
15) 2-Fluorobiphenyl	12.96	172	36334	0.41	ng		0.00
25) Fluoranthene-d10	19.11	212	52346	0.40	ng		0.00
29) Terphenyl-d14	19.72	244	45111	0.43	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.33	88	3985	0.349	ng		94
3) n-Nitrosodimethylamine	3.03	42	3192	0.616	ng	#	1
6) bis(2-Chloroethyl)ether	7.15	93	10494	0.375	ng		98
9) Naphthalene	10.53	128	44746	0.426	ng		100
10) Hexachlorobutadiene	10.84	225	8735	0.413	ng	#	100
12) 2-Methylnaphthalene	12.15	142	29682	0.421	ng		99
16) Acenaphthylene	14.05	152	37780	0.357	ng		100
17) Acenaphthene	14.40	154	27107	0.393	ng		99
18) Fluorene	15.39	166	33710	0.387	ng		99
20) 4-Bromophenyl-phenylether	16.28	248	10870	0.425	ng		91
21) Hexachlorobenzene	16.40	284	11743	0.429	ng		98
22) Pentachlorophenol	16.73	266	2511	0.354	ng		96
23) Phenanthrene	17.12	178	55839	0.428	ng		100
24) Anthracene	17.20	178	45967	0.397	ng		99
26) Fluoranthene	19.14	202	62745	0.411	ng		100
28) Pyrene	19.50	202	61862	0.428	ng		100
30) Benzo(a)anthracene	21.25	228	54017	0.382	ng		100
31) Chrysene	21.30	228	64941	0.442	ng		100
32) Bis(2-ethylhexyl)phthalate	21.20	149	14850	0.310	ng		100
33) Indeno(1,2,3-cd)pyrene	25.70	276	73756	0.470	ng		98
35) Benzo(b)fluoranthene	22.82	252	58394	0.390	ng		99
36) Benzo(k)fluoranthene	22.87	252	67709	0.442	ng		98
37) Benzo(a)pyrene	23.39	252	50480	0.380	ng		98
38) Dibenzo(a,h)anthracene	25.72	278	59706	0.430	ng		100
39) Benzo(g,h,i)perylene	26.37	276	56414	0.410	ng		99

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

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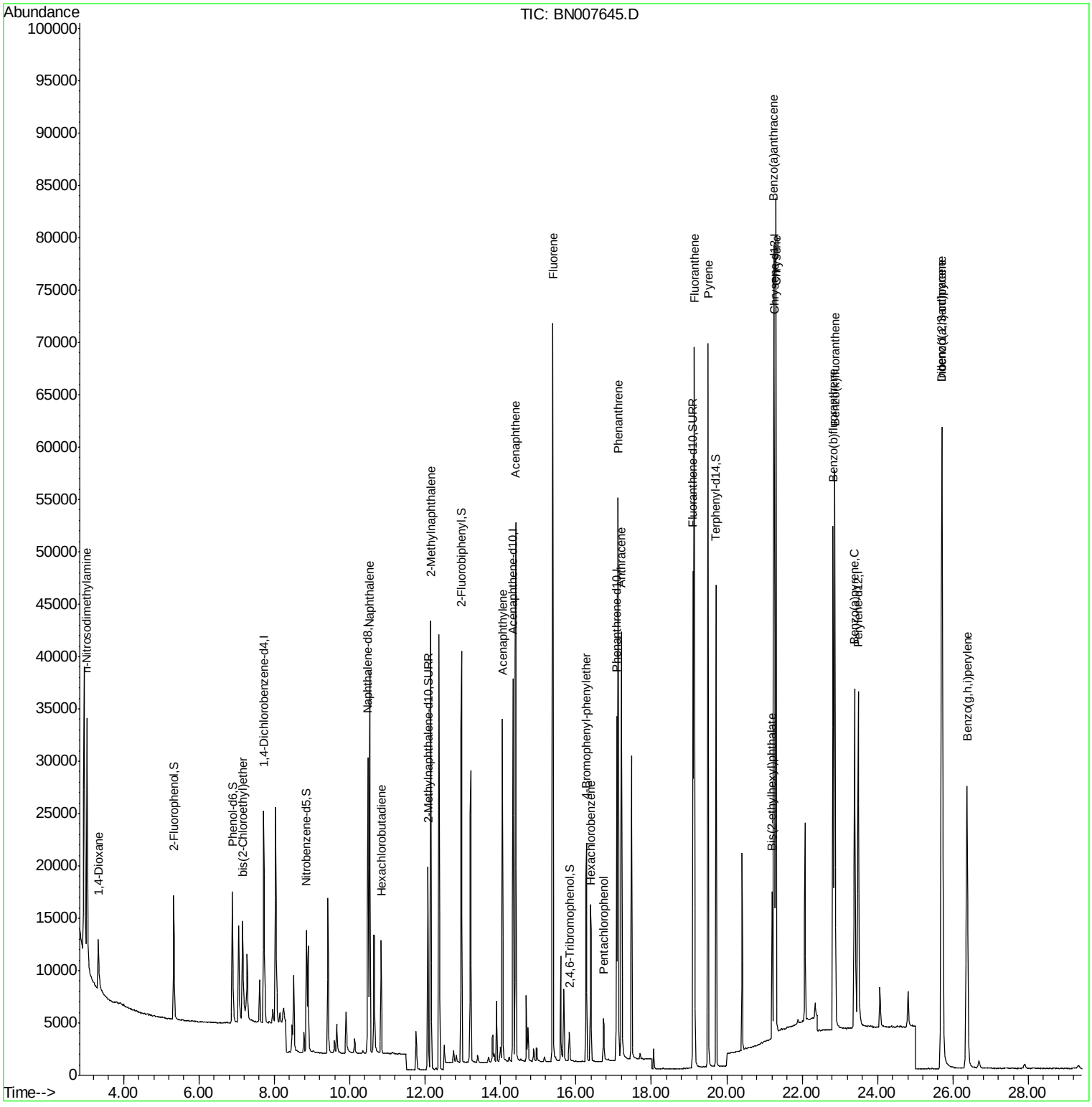
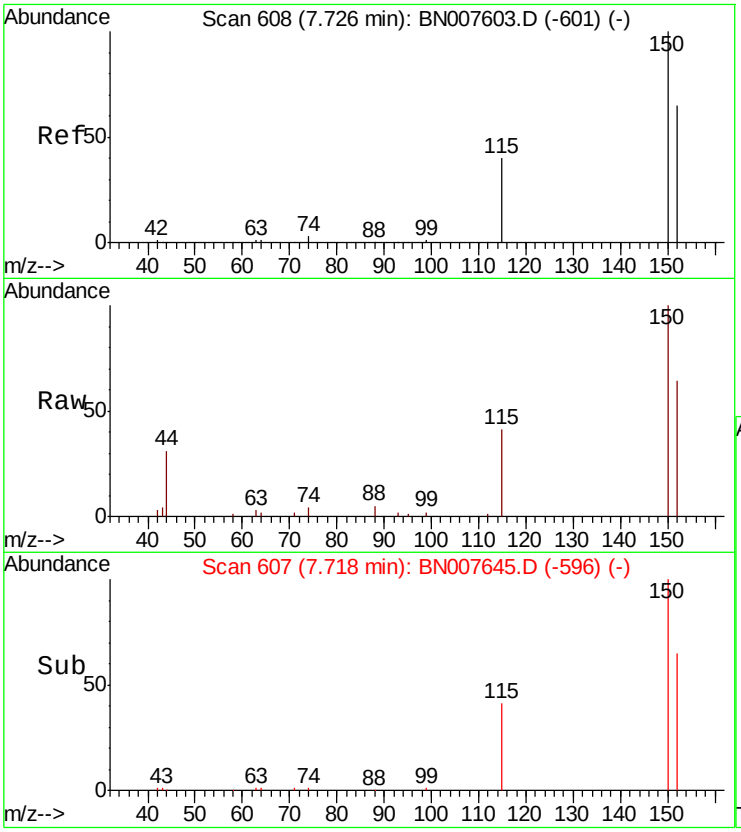
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Quant Time: Sep 16 01:36:38 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN091219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 12 14:27:51 2019
Response via : Initial Calibration



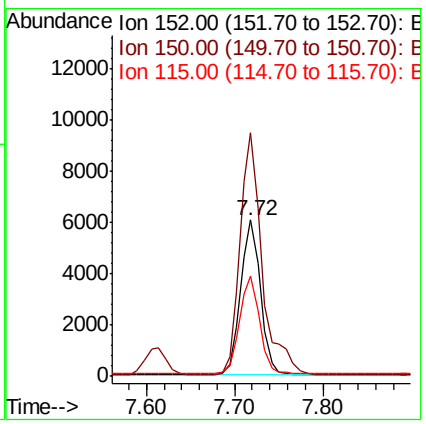


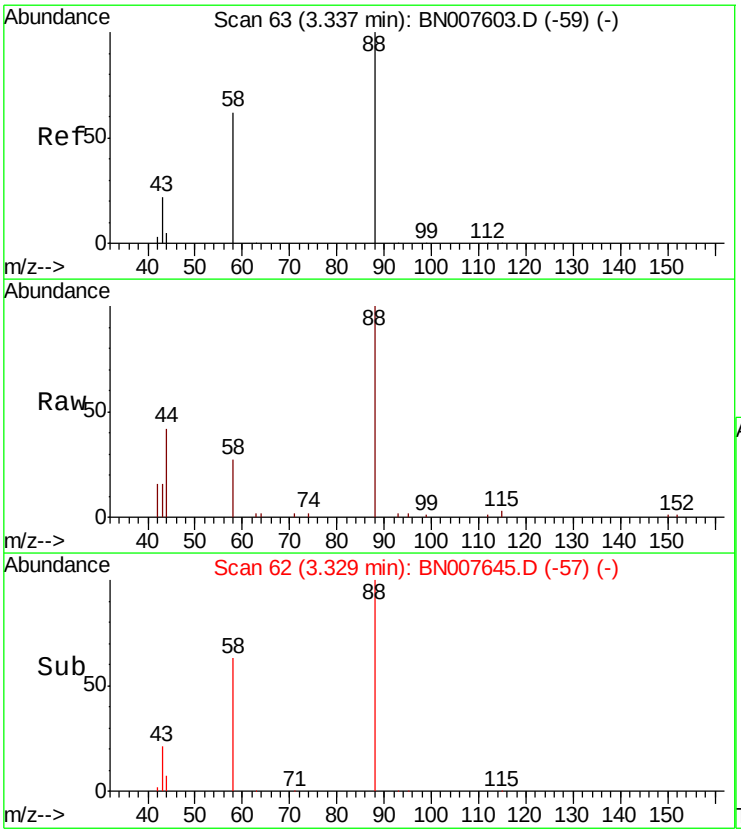
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.72 min Scan# 607
Delta R.T. -0.01 min
Lab File: BN007645.D
Acq: 14 Sep 2019 03:11

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:152 Resp: 9524

Ion	Ratio	Lower	Upper
152	100		
150	155.9	122.4	183.6
115	64.2	50.4	75.6

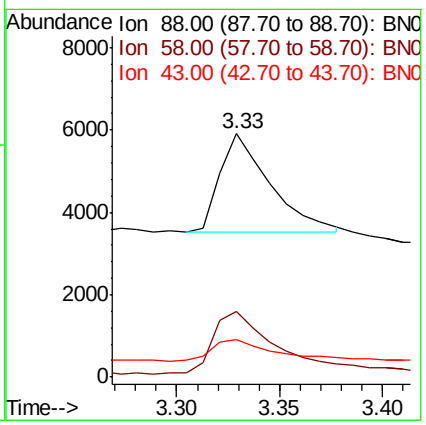


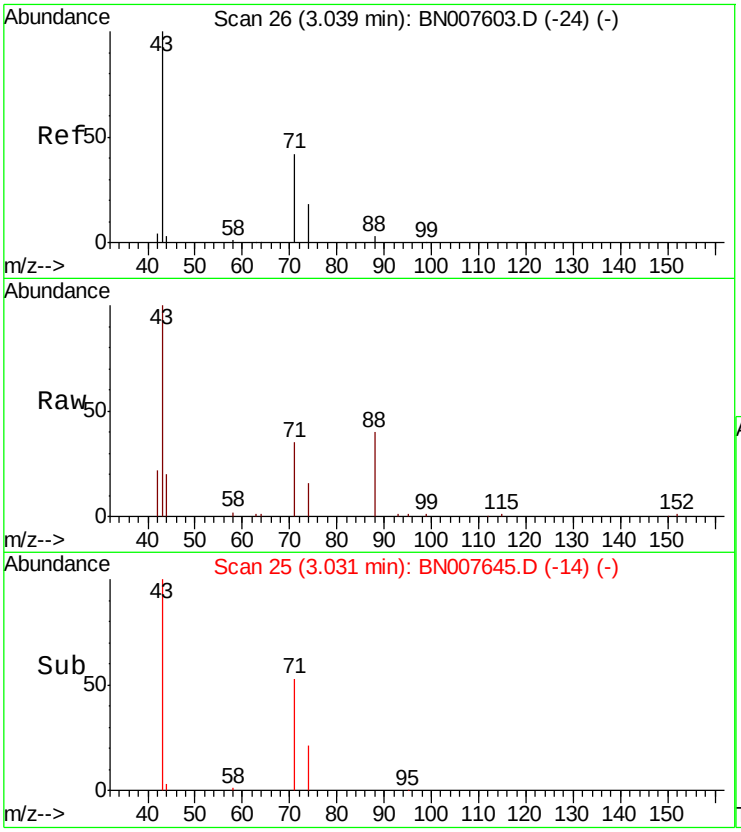


#2
1,4-Dioxane
Concen: 0.349 ng
RT: 3.33 min Scan# 62
Delta R.T. -0.01 min
Lab File: BN007645.D
Acq: 14 Sep 2019 03:11

Tgt Ion: 88 Resp: 3985

Ion	Ratio	Lower	Upper
88	100		
58	76.9	57.0	85.4
43	26.5	20.0	30.0



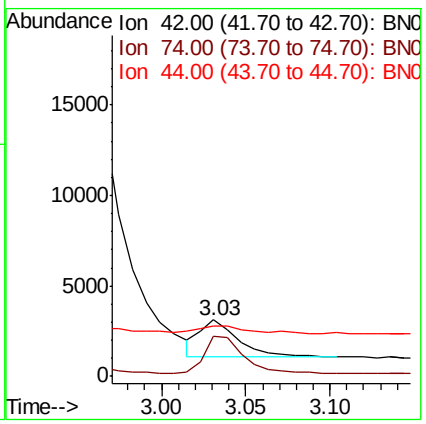


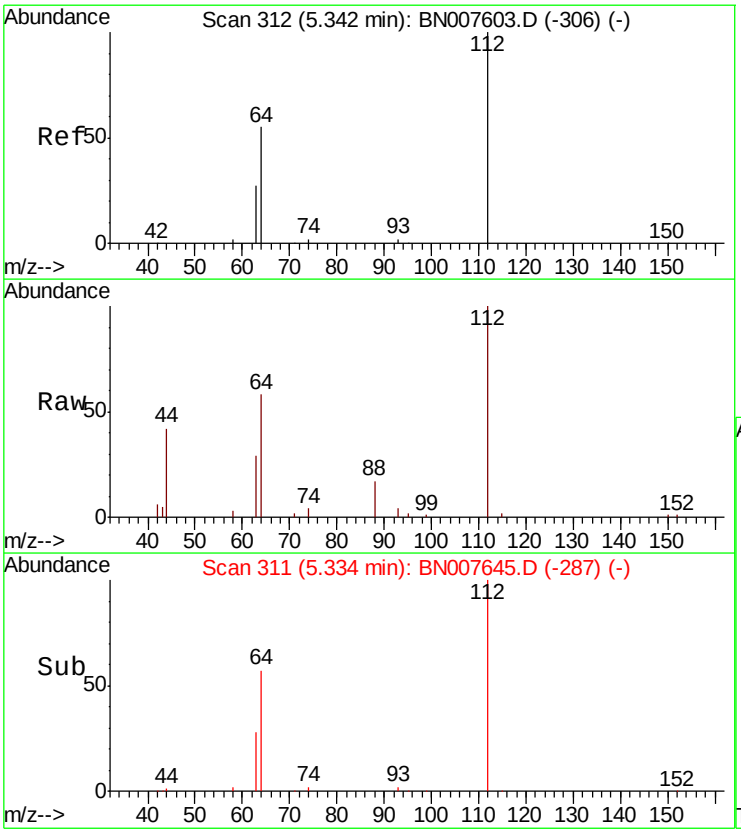
#3
n-Nitrosodimethylamine
Concen: 0.616 ng
RT: 3.03 min Scan# 25
Delta R.T. -0.01 min
Lab File: BN007645.D
Acq: 14 Sep 2019 03:11

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 42 Resp: 3192

Ion	Ratio	Lower	Upper
42	100		
74	100.9	9.8	14.8#
44	29.8	0.0	0.0#

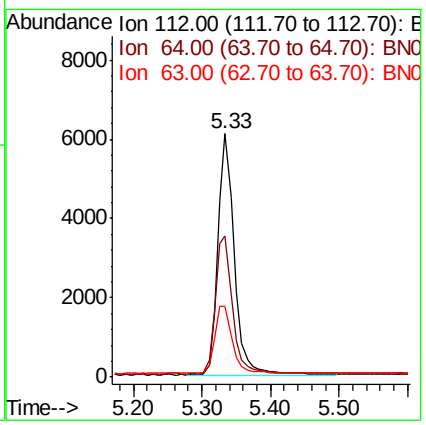


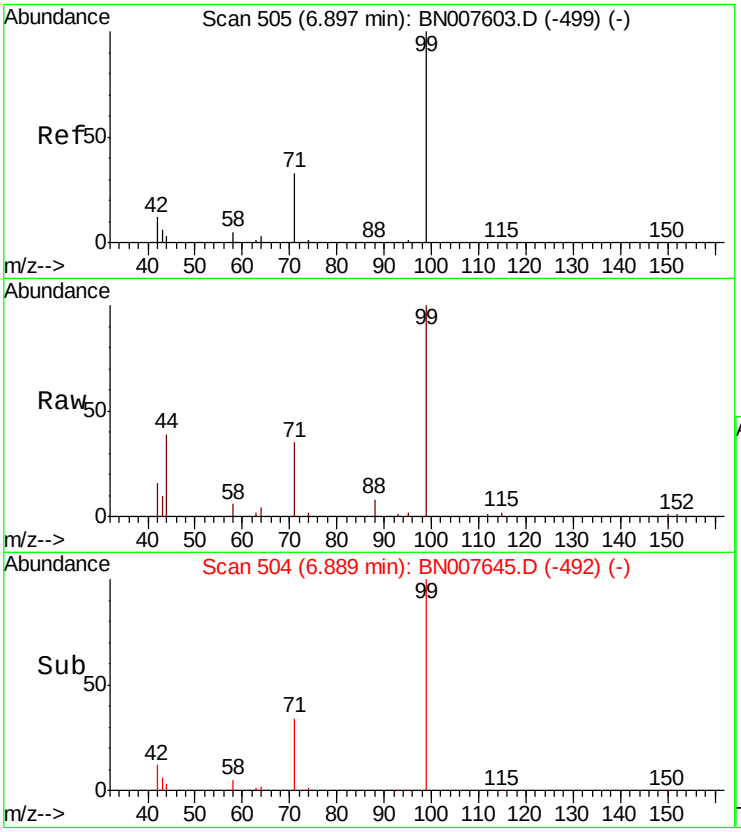


#4
2-Fluorophenol
Concen: 0.333 ng
RT: 5.33 min Scan# 311
Delta R.T. -0.01 min
Lab File: BN007645.D
Acq: 14 Sep 2019 03:11

Tgt Ion:112 Resp: 10159

Ion	Ratio	Lower	Upper
112	100		
64	60.4	48.5	72.7
63	29.9	24.4	36.6



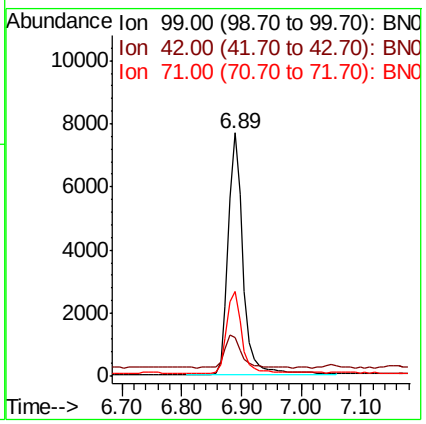


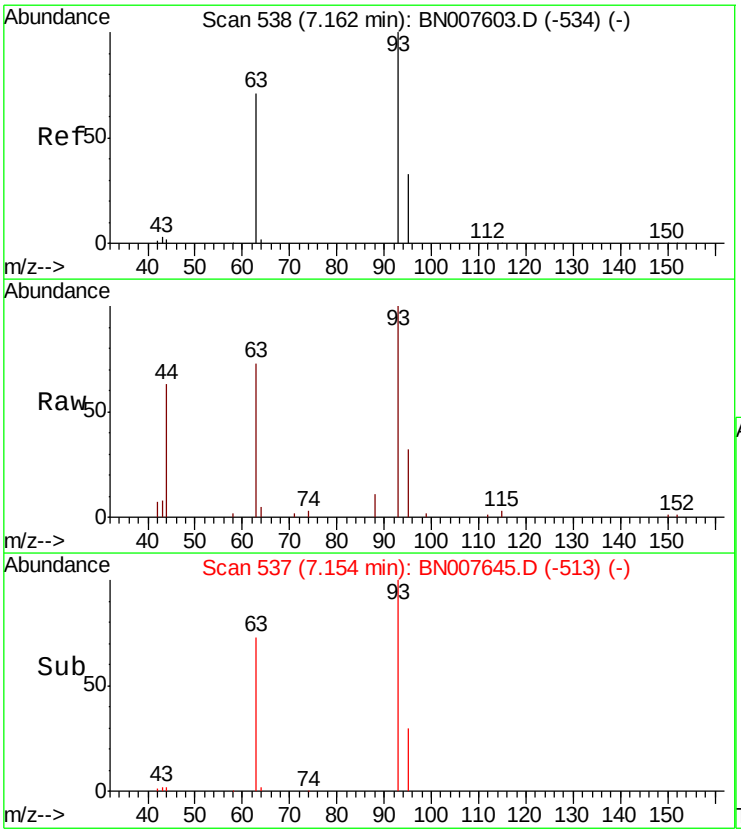
#5
Phenol-d6
Concen: 0.355 ng
RT: 6.89 min Scan# 504
Delta R.T. -0.01 min
Lab File: BN007645.D
Acq: 14 Sep 2019 03:11

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 99 Resp: 13183

Ion	Ratio	Lower	Upper
99	100		
42	15.2	11.8	17.6
71	35.0	28.0	42.0

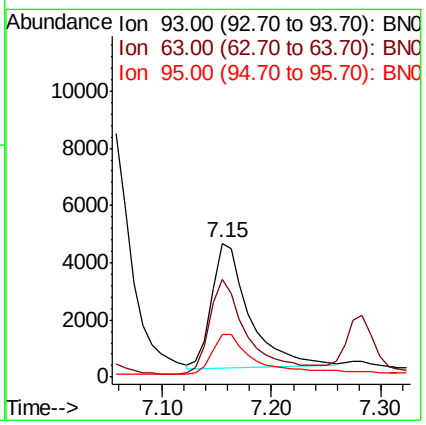


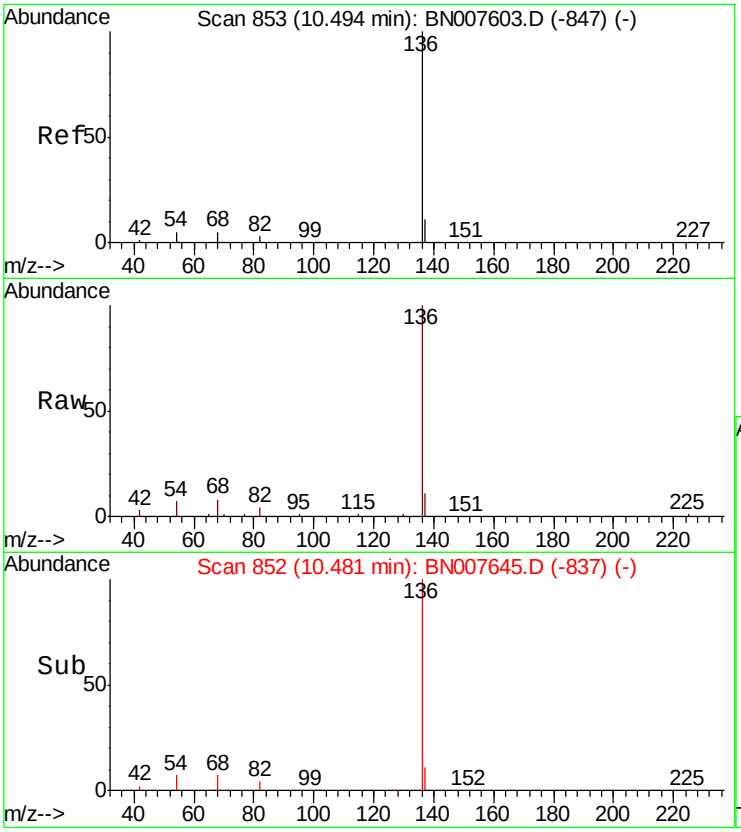


#6
bis(2-Chloroethyl)ether
Concen: 0.375 ng
RT: 7.15 min Scan# 537
Delta R.T. -0.01 min
Lab File: BN007645.D
Acq: 14 Sep 2019 03:11

Tgt Ion: 93 Resp: 10494

Ion	Ratio	Lower	Upper
93	100		
63	76.0	61.2	91.8
95	37.9	27.2	40.8



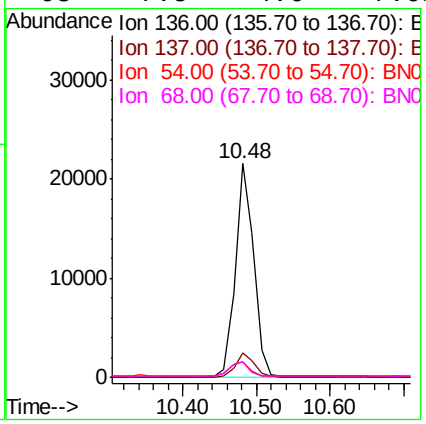


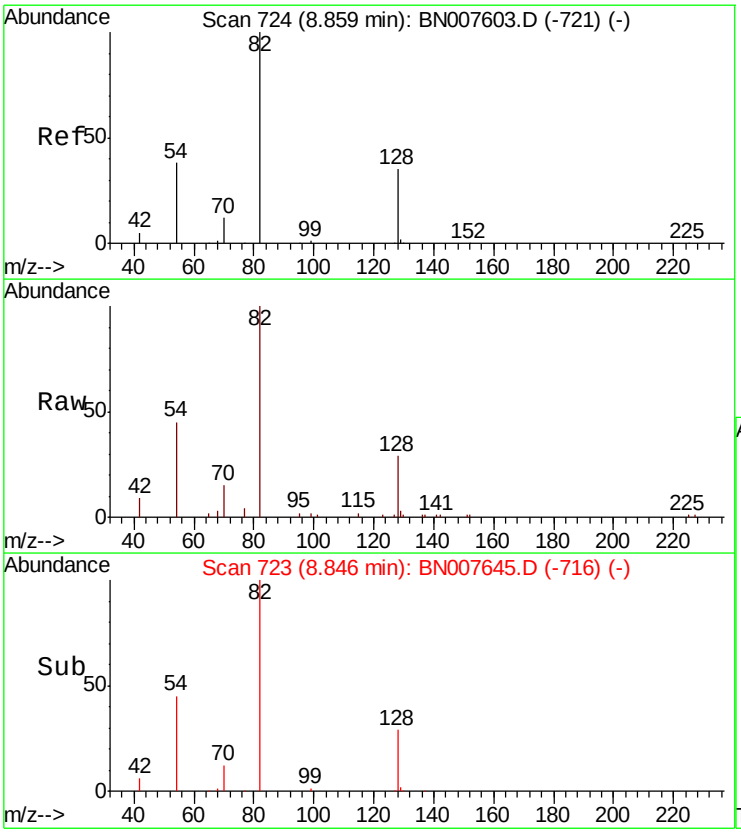
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.48 min Scan# 852
Delta R.T. -0.01 min
Lab File: BN007645.D
Acq: 14 Sep 2019 03:11

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:136 Resp: 36630

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.8	13.2
54	7.1	4.2	6.4#
68	7.5	4.6	7.0#

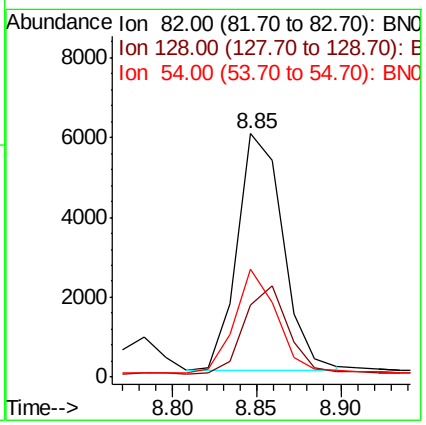


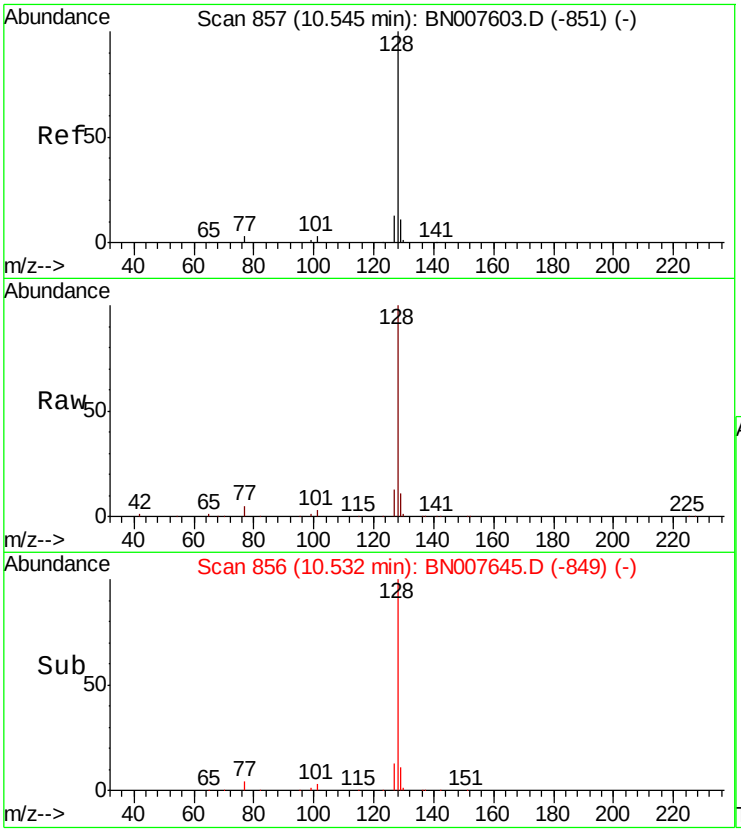


#8
Nitrobenzene-d5
Concen: 0.382 ng
RT: 8.85 min Scan# 723
Delta R.T. -0.01 min
Lab File: BN007645.D
Acq: 14 Sep 2019 03:11

Tgt Ion: 82 Resp: 11174

Ion	Ratio	Lower	Upper
82	100		
128	29.4	27.9	41.9
54	44.5	30.9	46.3



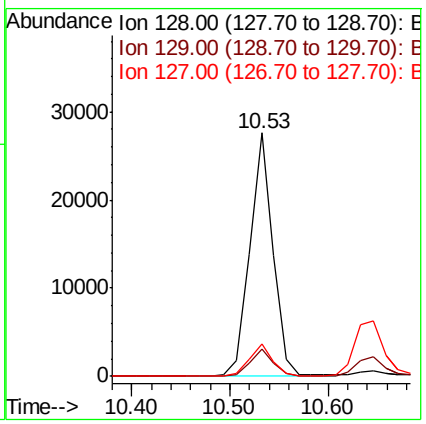


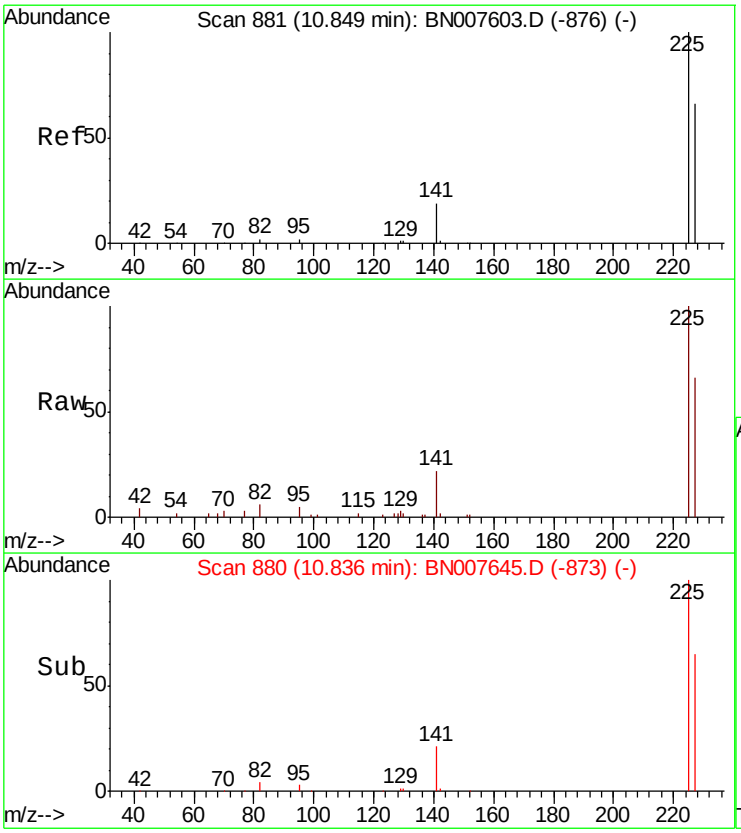
#9
Naphthalene
Concen: 0.426 ng
RT: 10.53 min Scan# 856
Delta R.T. -0.01 min
Lab File: BN007645.D
Acq: 14 Sep 2019 03:11

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:128 Resp: 44746

Ion	Ratio	Lower	Upper
128	100		
129	11.0	9.0	13.4
127	13.1	10.4	15.6

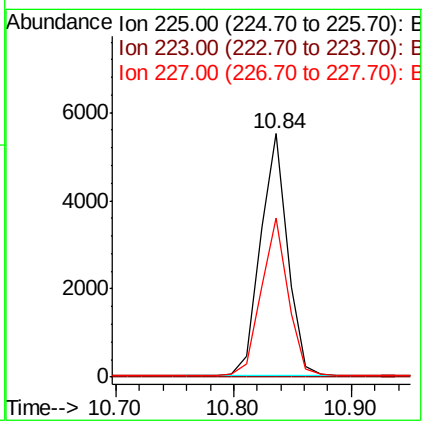


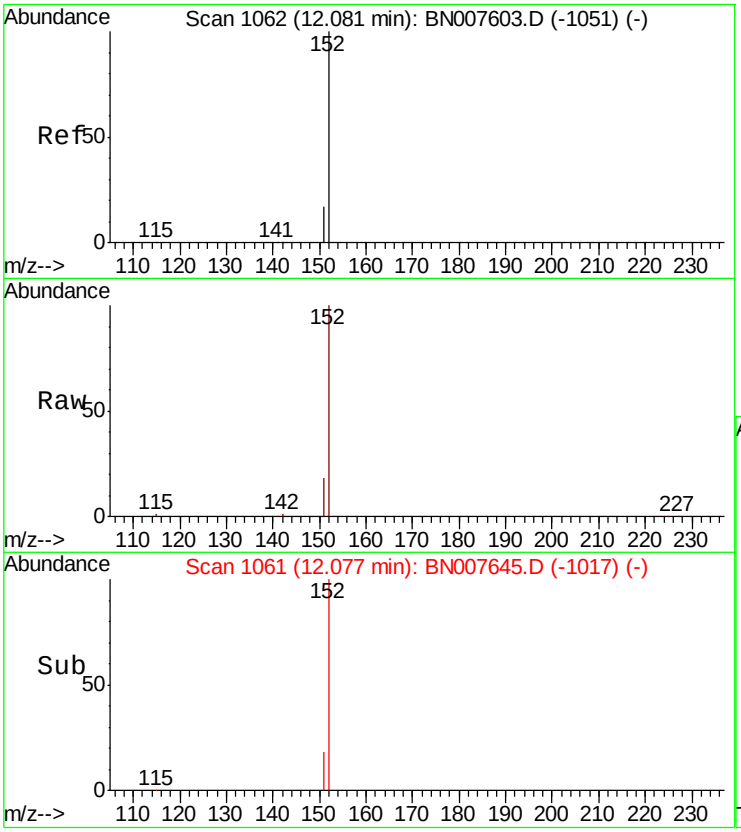


#10
Hexachlorobutadiene
Concen: 0.413 ng
RT: 10.84 min Scan# 880
Delta R.T. -0.01 min
Lab File: BN007645.D
Acq: 14 Sep 2019 03:11

Tgt Ion:225 Resp: 8735

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	64.2	51.3	76.9



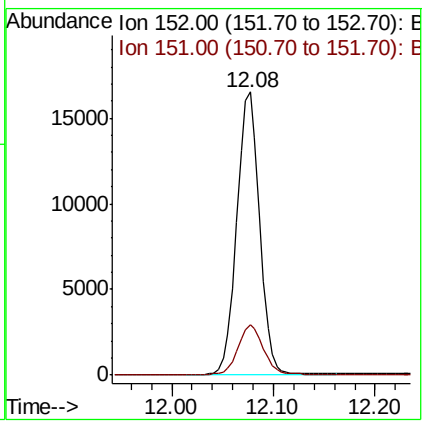


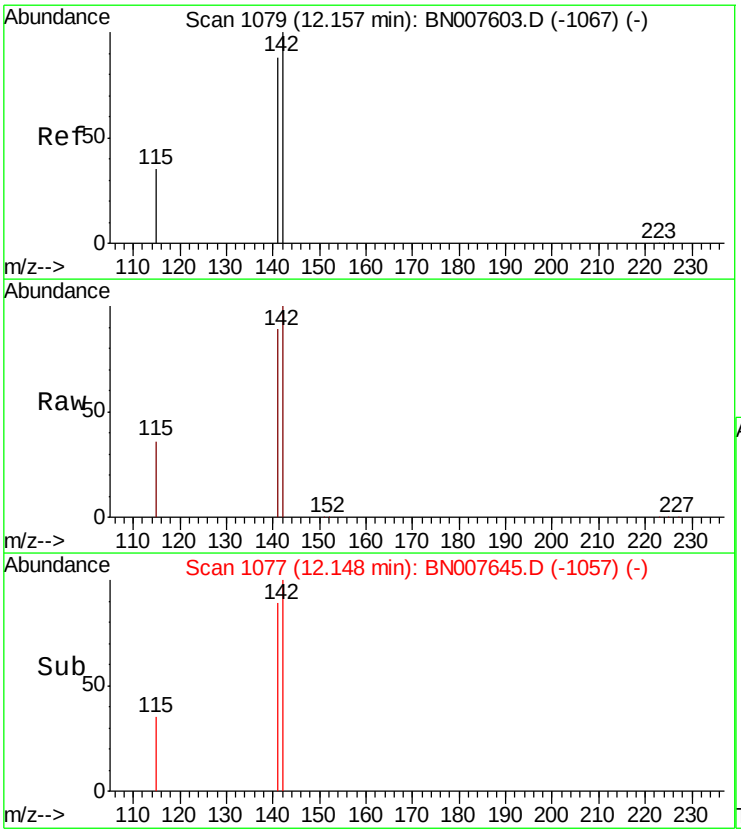
#11
2-Methylnaphthalene-d10
Concen: 0.415 ng
RT: 12.08 min Scan# 1061
Delta R.T. -0.00 min
Lab File: BN007645.D
Acq: 14 Sep 2019 03:11

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:152 Resp: 25704

Ion	Ratio	Lower	Upper
152	100		
151	19.2	15.3	22.9

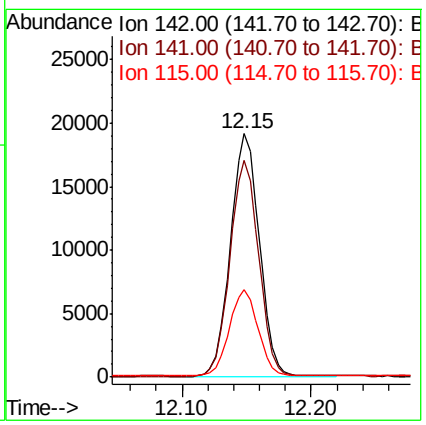


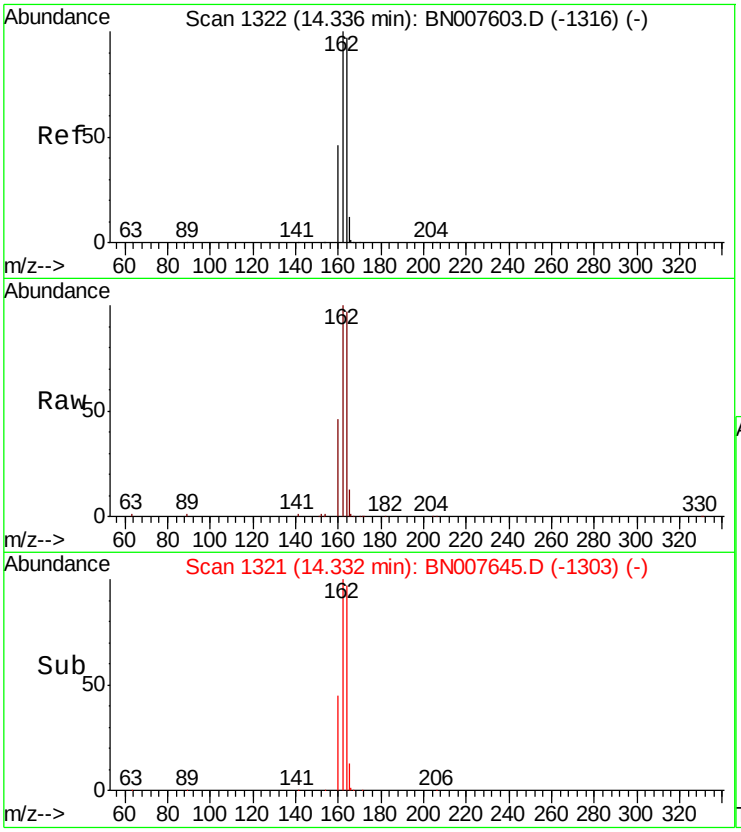


#12
2-Methylnaphthalene
Concen: 0.421 ng
RT: 12.15 min Scan# 1077
Delta R.T. -0.01 min
Lab File: BN007645.D
Acq: 14 Sep 2019 03:11

Tgt Ion:142 Resp: 29682

Ion	Ratio	Lower	Upper
142	100		
141	88.9	70.5	105.7
115	35.8	28.4	42.6



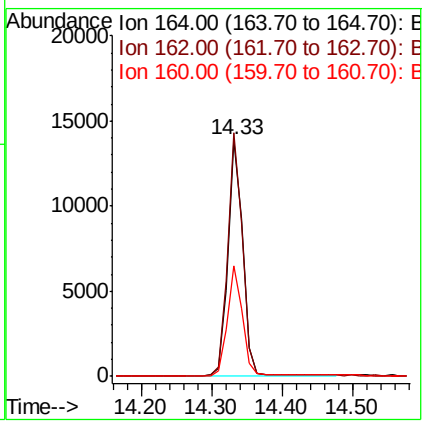


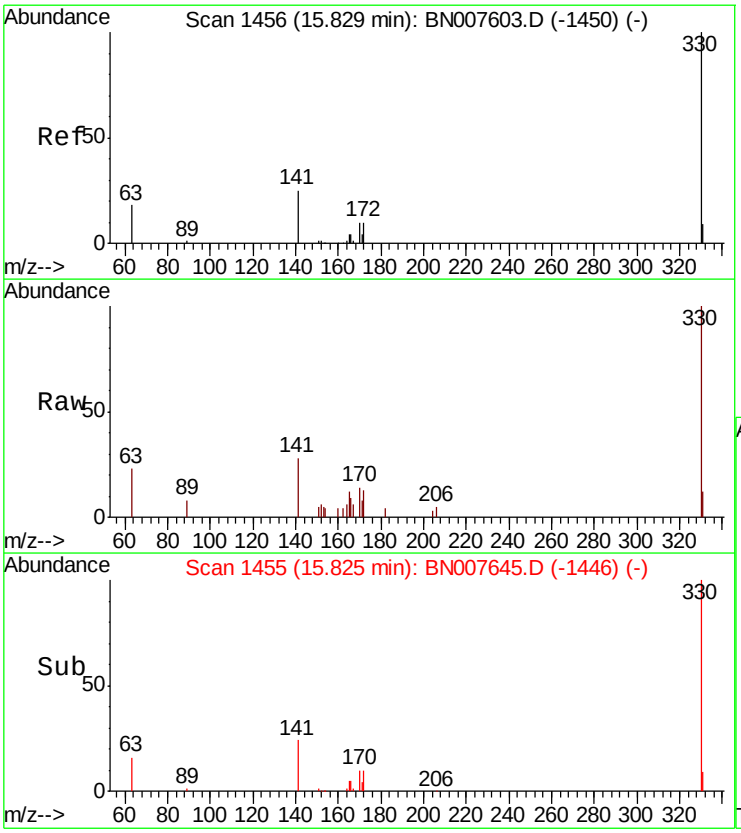
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.33 min Scan# 1321
Delta R.T. -0.00 min
Lab File: BN007645.D
Acq: 14 Sep 2019 03:11

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:164 Resp: 20343

Ion	Ratio	Lower	Upper
164	100		
162	103.0	82.8	124.2
160	46.9	38.0	57.0

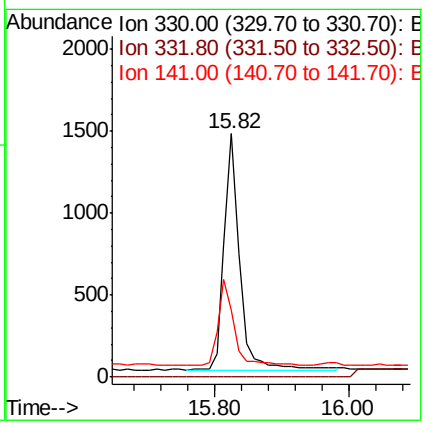


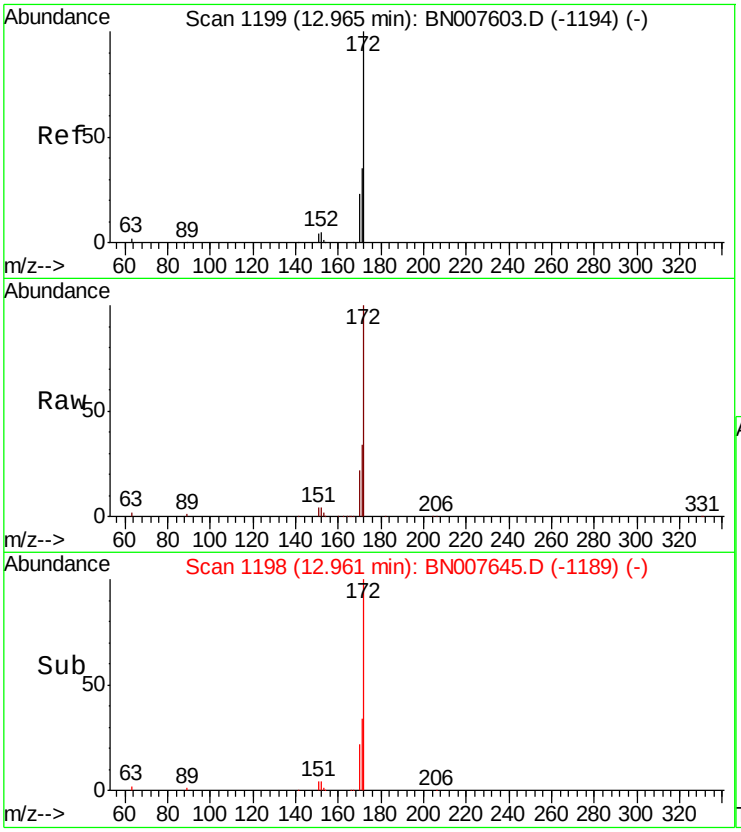


#14
2,4,6-Tribromophenol
Concen: 0.300 ng
RT: 15.82 min Scan# 1455
Delta R.T. -0.00 min
Lab File: BN007645.D
Acq: 14 Sep 2019 03:11

Tgt Ion:330 Resp: 2306

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	37.7	30.1	45.1



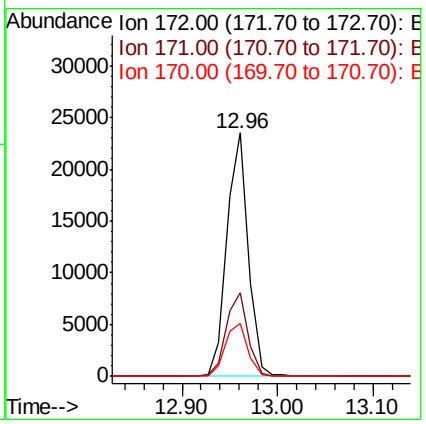


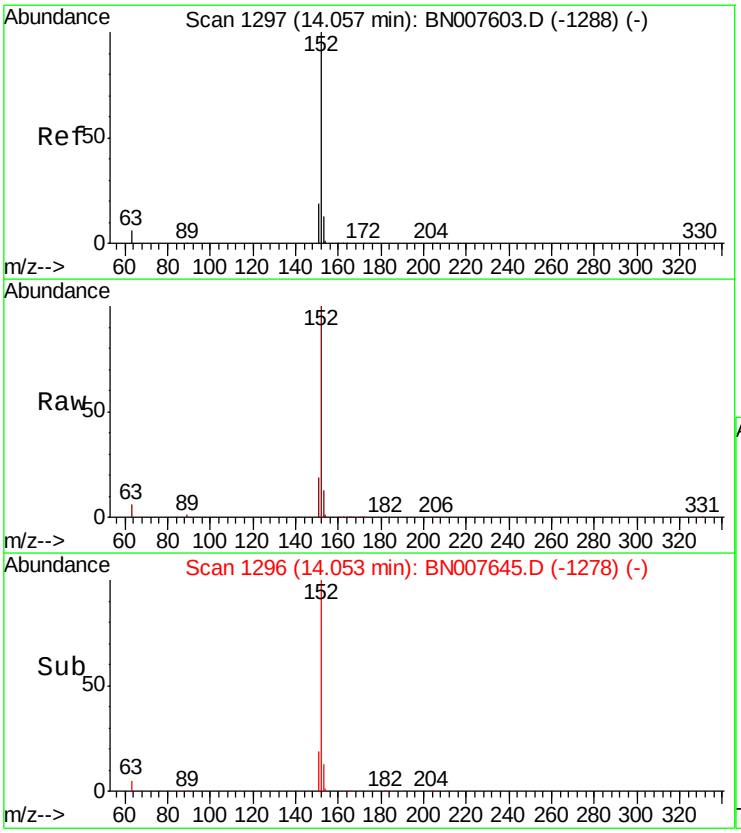
#15
2-Fluorobiphenyl
Concen: 0.409 ng
RT: 12.96 min Scan# 1198
Delta R.T. -0.00 min
Lab File: BN007645.D
Acq: 14 Sep 2019 03:11

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:172 Resp: 36334

Ion	Ratio	Lower	Upper
172	100		
171	34.4	27.9	41.9
170	21.9	18.5	27.7

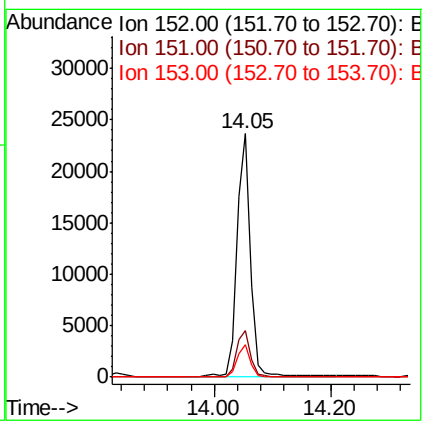


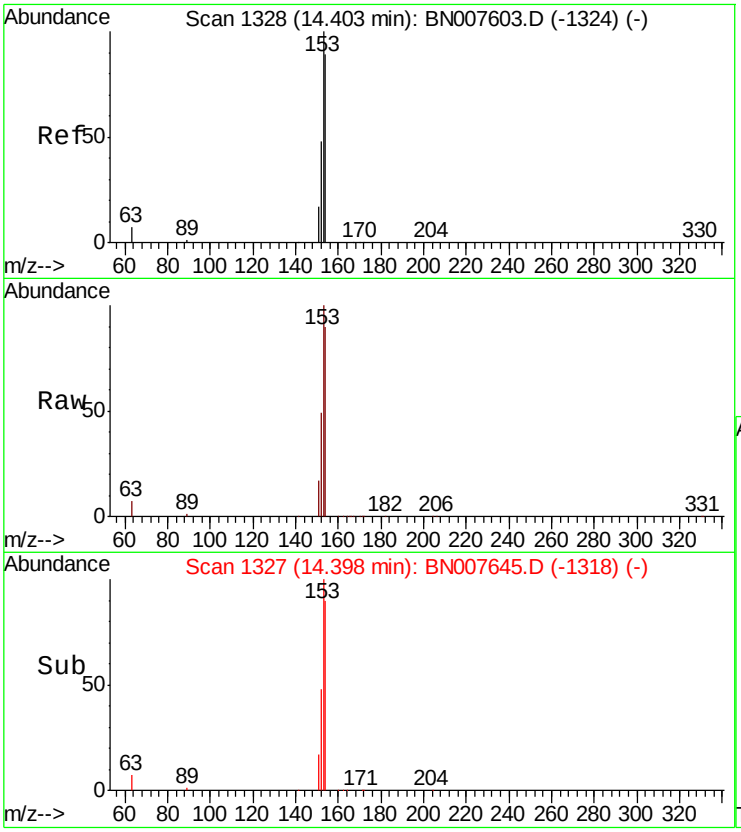


#16
Acenaphthylene
Concen: 0.357 ng
RT: 14.05 min Scan# 1296
Delta R.T. -0.00 min
Lab File: BN007645.D
Acq: 14 Sep 2019 03:11

Tgt Ion:152 Resp: 37780

Ion	Ratio	Lower	Upper
152	100		
151	19.4	15.7	23.5
153	12.9	10.4	15.6



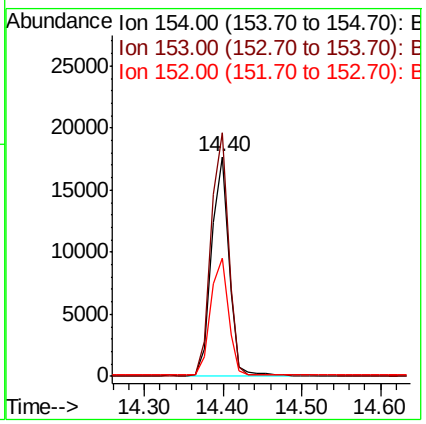


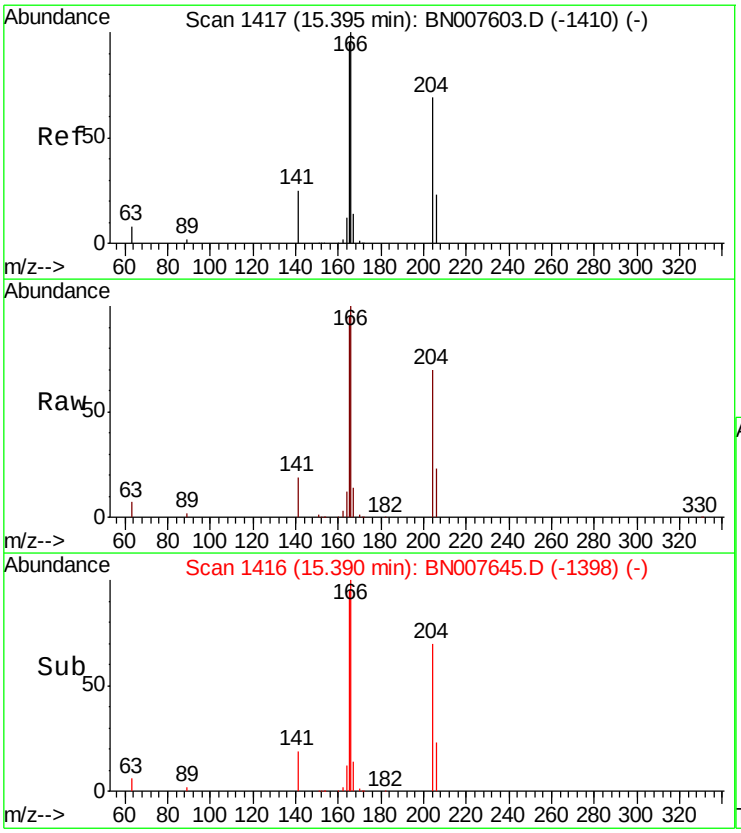
#17
Acenaphthene
Concen: 0.393 ng
RT: 14.40 min Scan# 1327
Delta R.T. -0.00 min
Lab File: BN007645.D
Acq: 14 Sep 2019 03:11

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:154 Resp: 27107

Ion	Ratio	Lower	Upper
154	100		
153	111.4	89.8	134.8
152	55.0	43.8	65.8

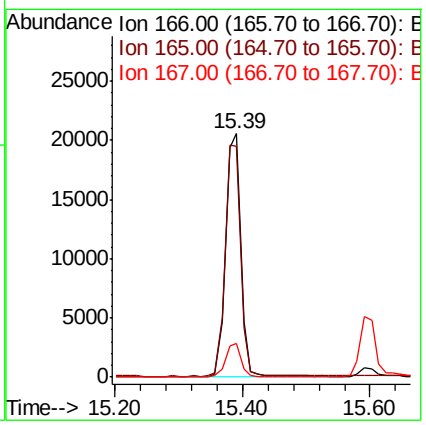


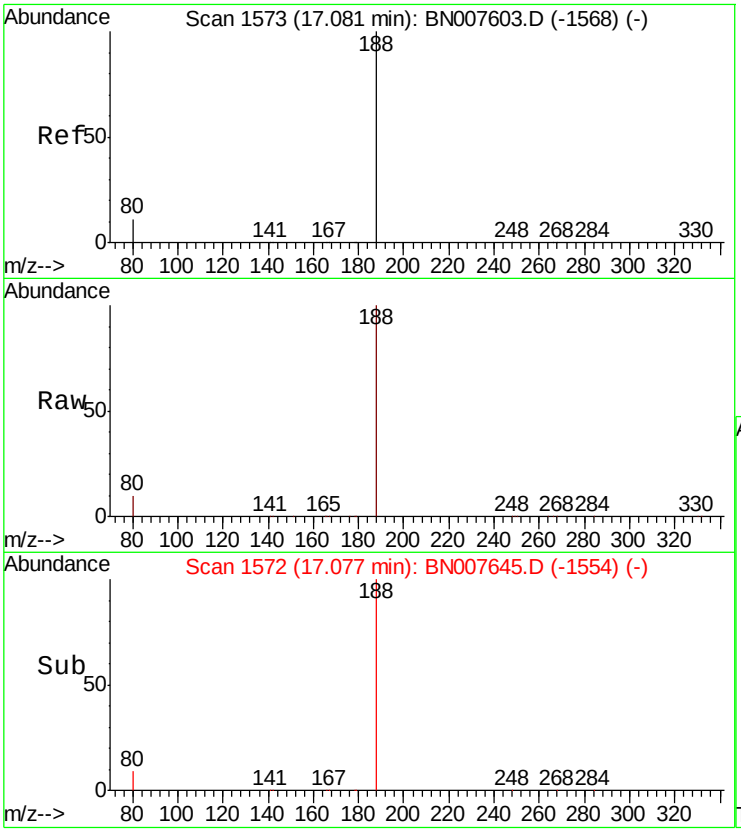


#18
Fluorene
Concen: 0.387 ng
RT: 15.39 min Scan# 1416
Delta R.T. -0.00 min
Lab File: BN007645.D
Acq: 14 Sep 2019 03:11

Tgt Ion:166 Resp: 33710

Ion	Ratio	Lower	Upper
166	100		
165	97.9	77.8	116.6
167	13.5	10.8	16.2



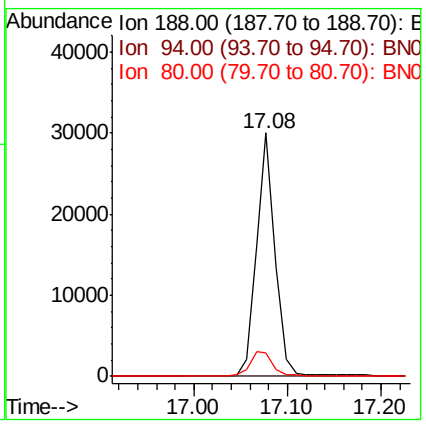


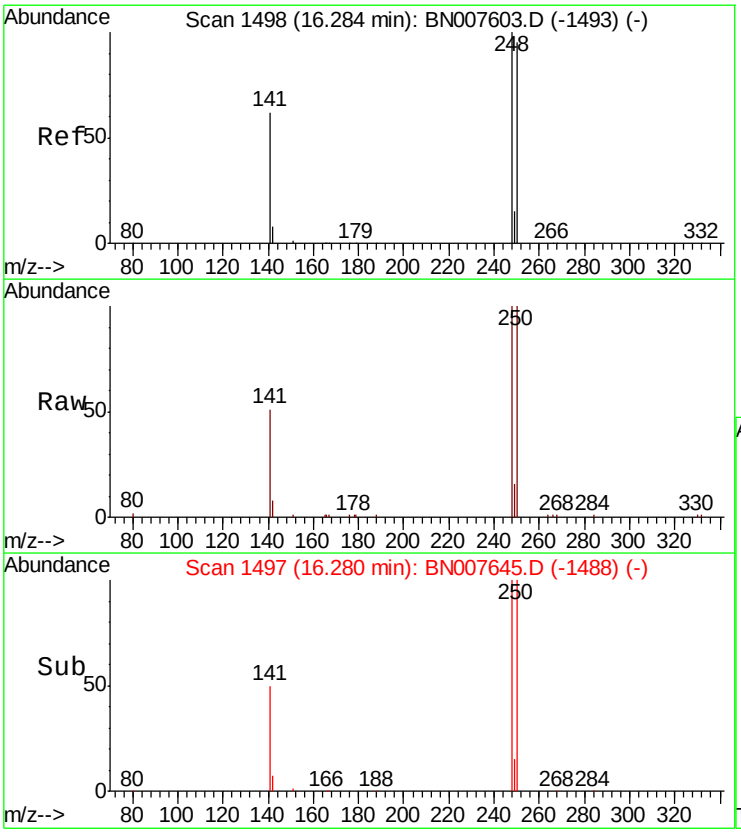
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.08 min Scan# 1572
Delta R.T. -0.00 min
Lab File: BN007645.D
Acq: 14 Sep 2019 03:11

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:188 Resp: 41376

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	9.6	8.8	13.2

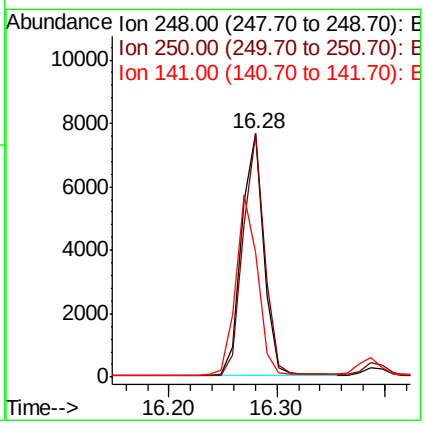


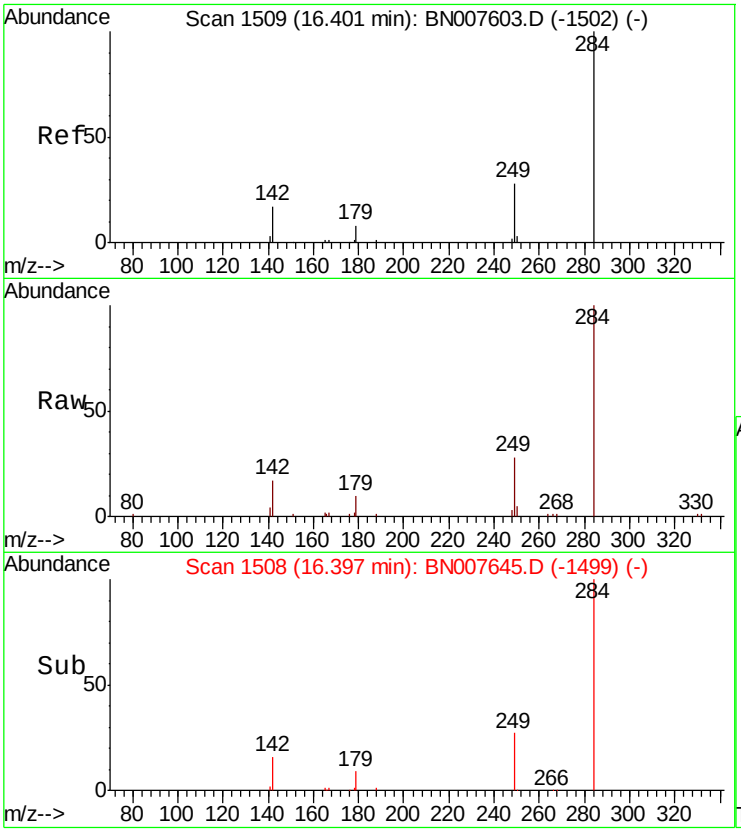


#20
4-Bromophenyl-phenylether
Concen: 0.425 ng
RT: 16.28 min Scan# 1497
Delta R.T. -0.00 min
Lab File: BN007645.D
Acq: 14 Sep 2019 03:11

Tgt Ion:248 Resp: 10870

Ion	Ratio	Lower	Upper
248	100		
250	100.1	76.3	114.5
141	51.1	49.7	74.5



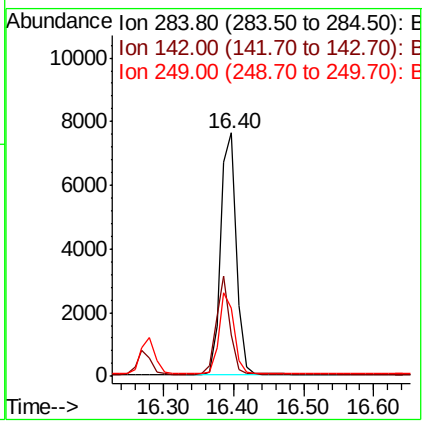


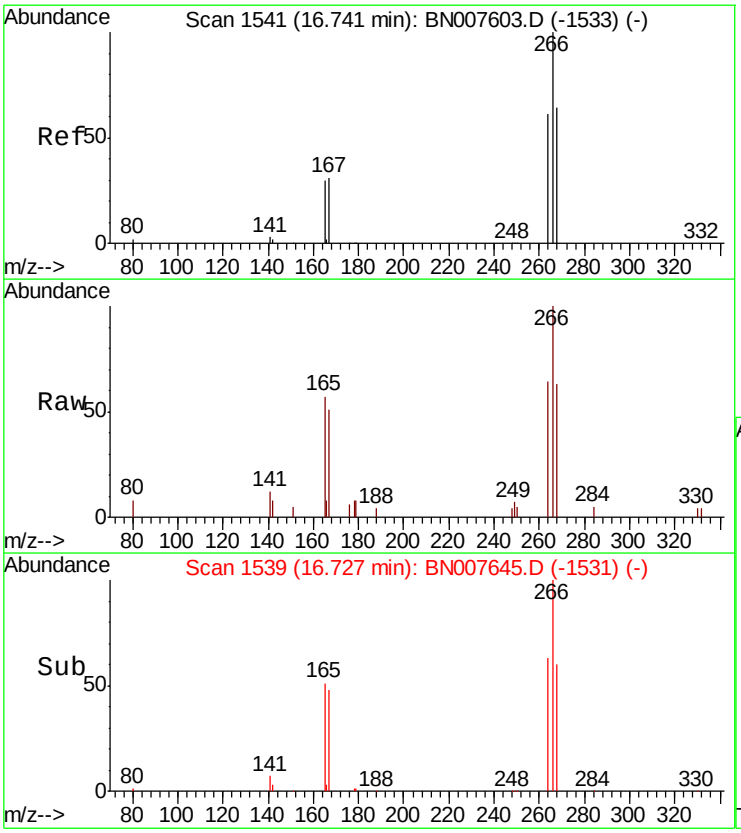
#21
Hexachlorobenzene
Concen: 0.429 ng
RT: 16.40 min Scan# 1508
Delta R.T. -0.00 min
Lab File: BN007645.D
Acq: 14 Sep 2019 03:11

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:284 Resp: 11743

Ion	Ratio	Lower	Upper
284	100		
142	36.2	27.8	41.6
249	32.7	25.5	38.3

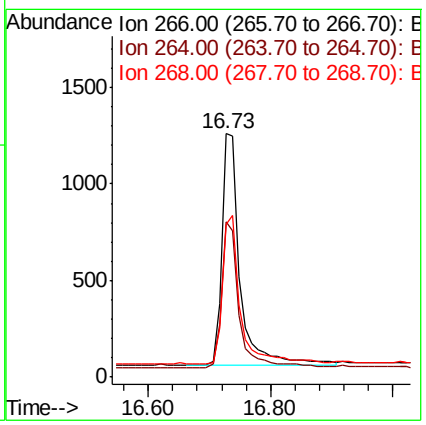


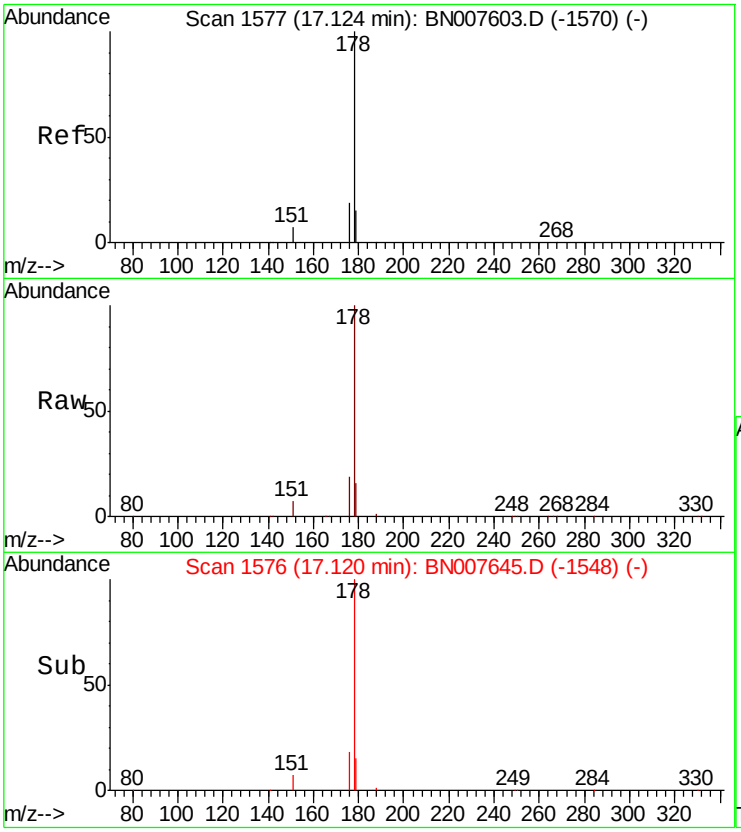


#22
Pentachlorophenol
Concen: 0.354 ng
RT: 16.73 min Scan# 1539
Delta R.T. -0.01 min
Lab File: BN007645.D
Acq: 14 Sep 2019 03:11

Tgt Ion:266 Resp: 2511

Ion	Ratio	Lower	Upper
266	100		
264	63.8	49.4	74.0
268	62.7	53.0	79.6



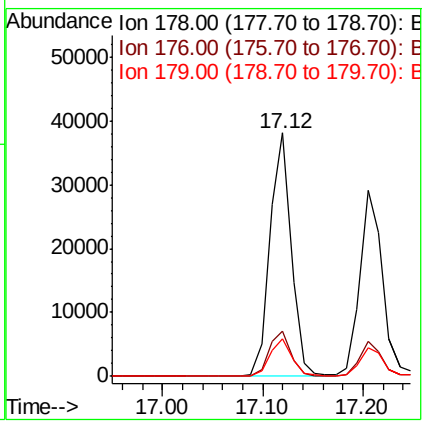


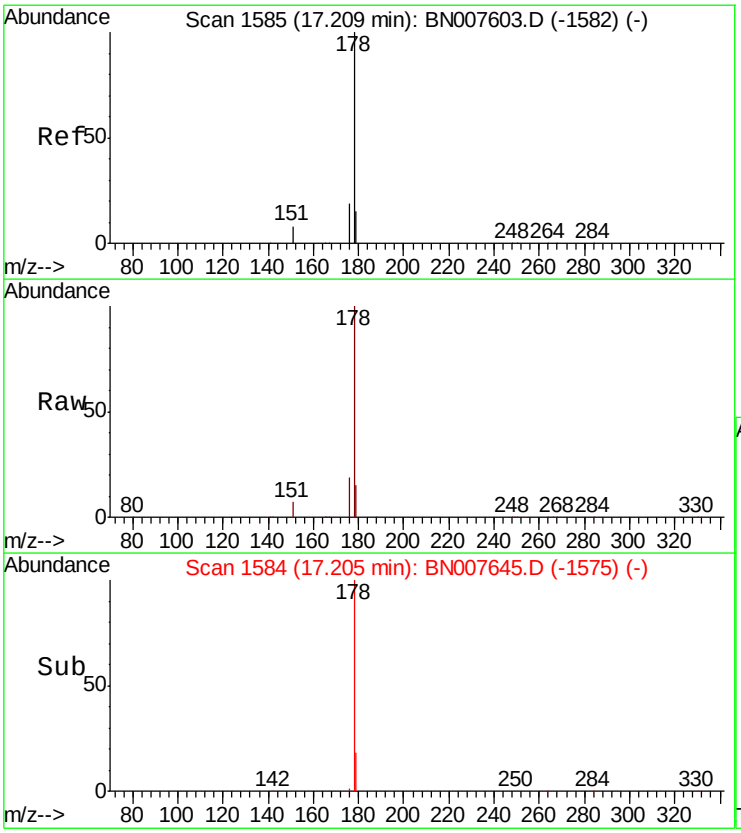
#23
Phenanthrene
Concen: 0.428 ng
RT: 17.12 min Scan# 1576
Delta R.T. -0.00 min
Lab File: BN007645.D
Acq: 14 Sep 2019 03:11

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:178 Resp: 55839

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.0	22.6
179	15.4	12.4	18.6

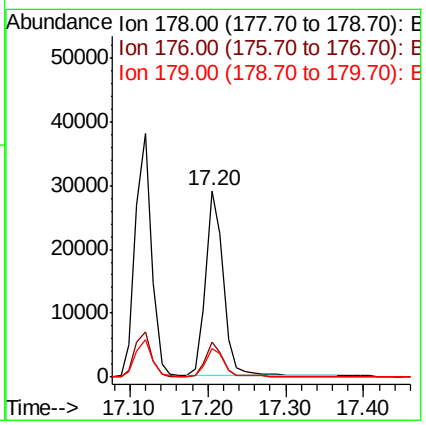


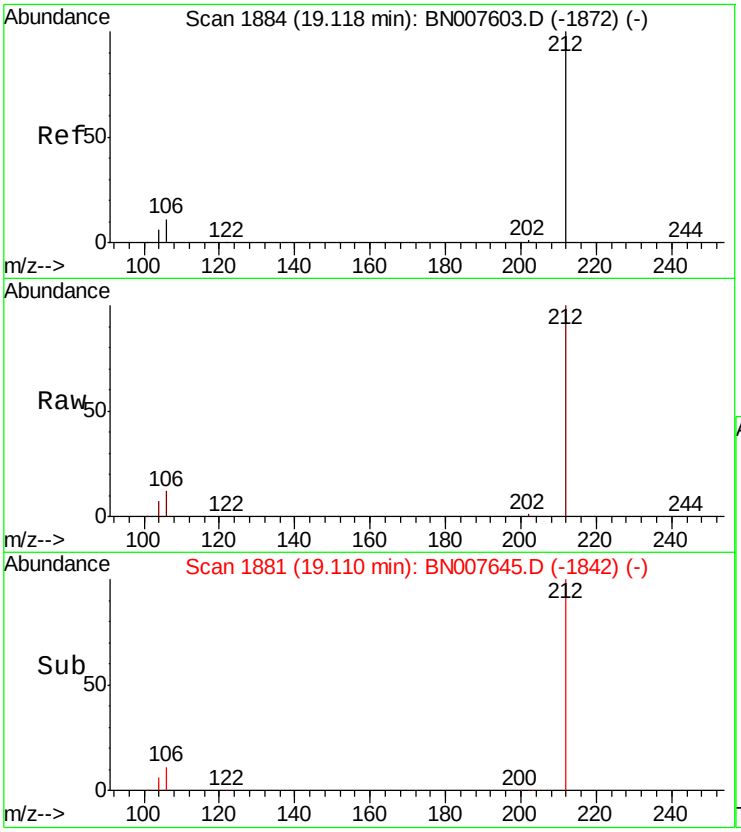


#24
Anthracene
Concen: 0.397 ng
RT: 17.20 min Scan# 1584
Delta R.T. -0.00 min
Lab File: BN007645.D
Acq: 14 Sep 2019 03:11

Tgt Ion:178 Resp: 45967

Ion	Ratio	Lower	Upper
178	100		
176	17.9	14.5	21.7
179	15.1	12.4	18.6



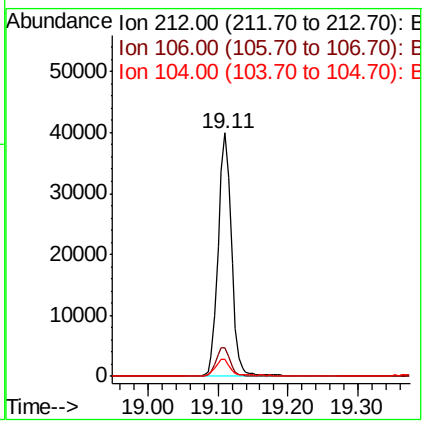


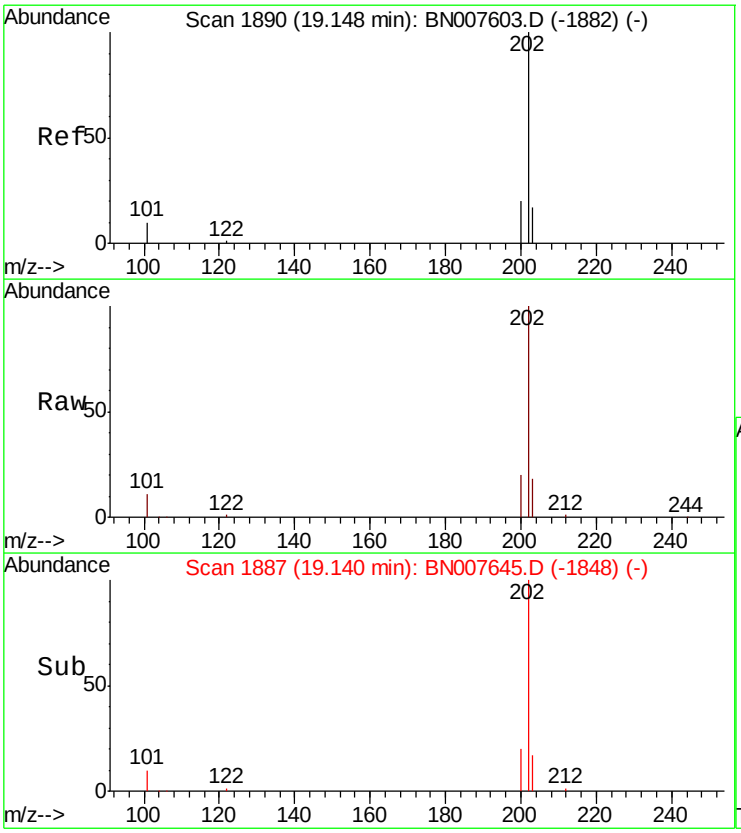
#25
Fluoranthene-d10
Concen: 0.401 ng
RT: 19.11 min Scan# 1881
Delta R.T. -0.01 min
Lab File: BN007645.D
Acq: 14 Sep 2019 03:11

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:212 Resp: 52346

Ion	Ratio	Lower	Upper
212	100		
106	12.2	9.6	14.4
104	6.8	5.4	8.0

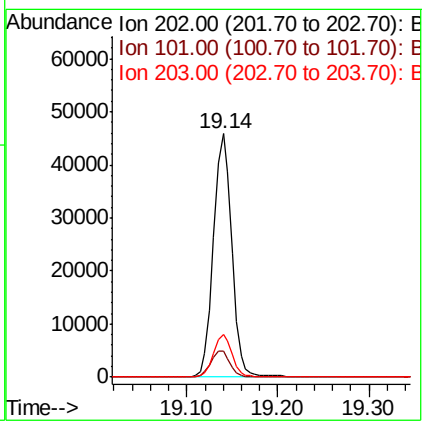


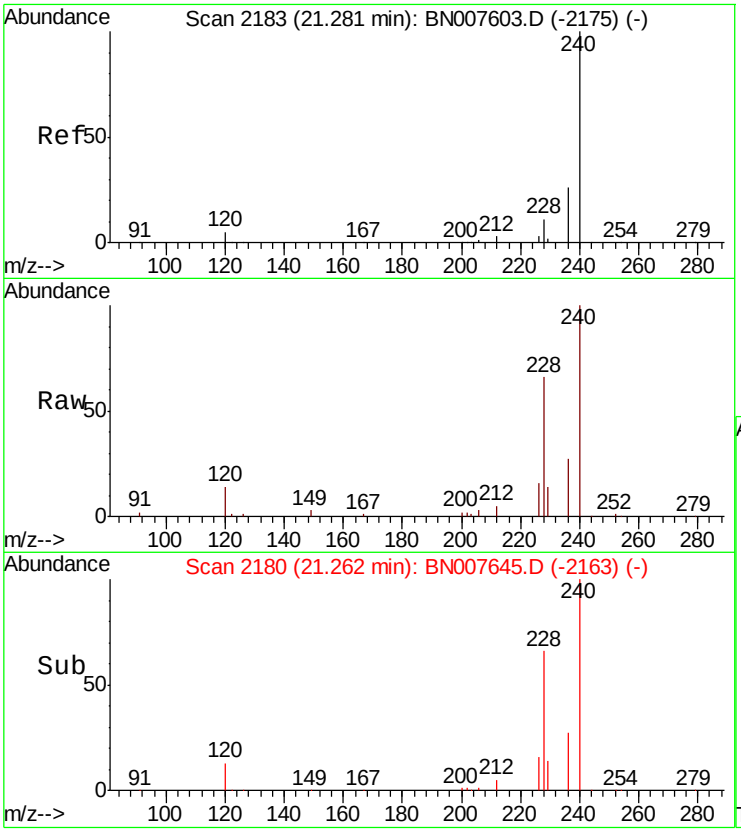


#26
Fluoranthene
Concen: 0.411 ng
RT: 19.14 min Scan# 1887
Delta R.T. -0.01 min
Lab File: BN007645.D
Acq: 14 Sep 2019 03:11

Tgt Ion:202 Resp: 62745

Ion	Ratio	Lower	Upper
202	100		
101	11.1	8.6	13.0
203	17.3	13.8	20.6



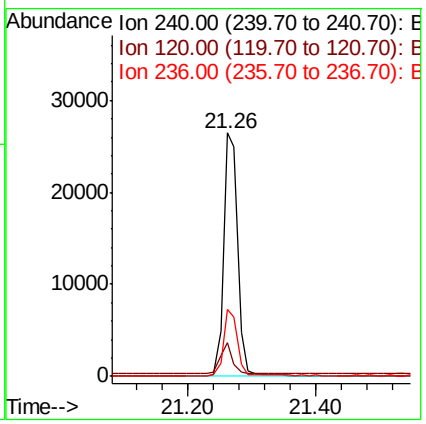


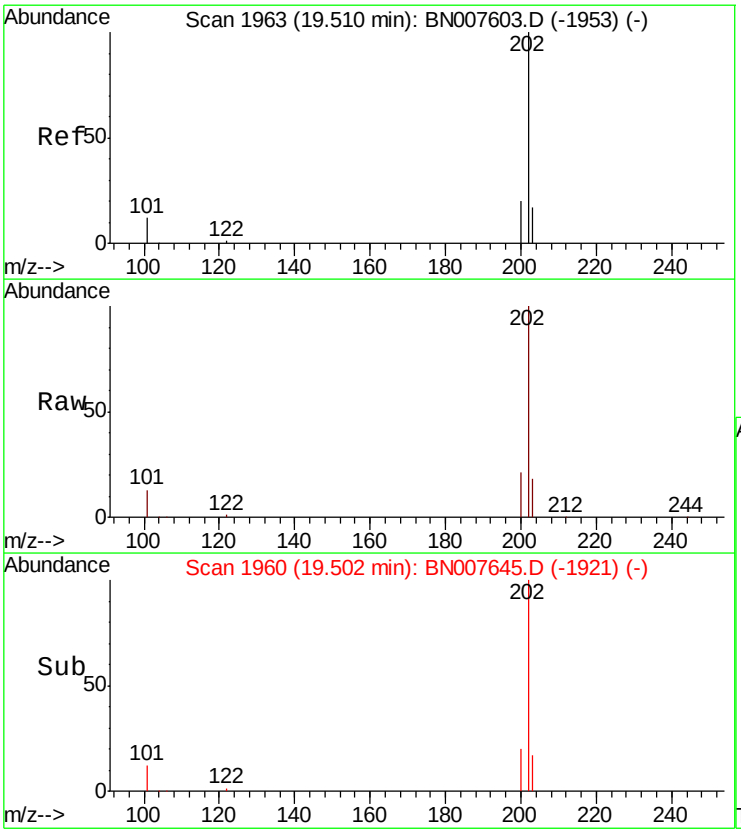
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.26 min Scan# 2180
Delta R.T. -0.02 min
Lab File: BN007645.D
Acq: 14 Sep 2019 03:11

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:240 Resp: 39808

Ion	Ratio	Lower	Upper
240	100		
120	13.7	4.3	6.5#
236	27.3	20.8	31.2

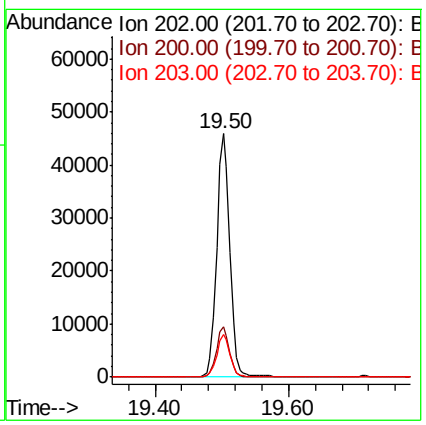


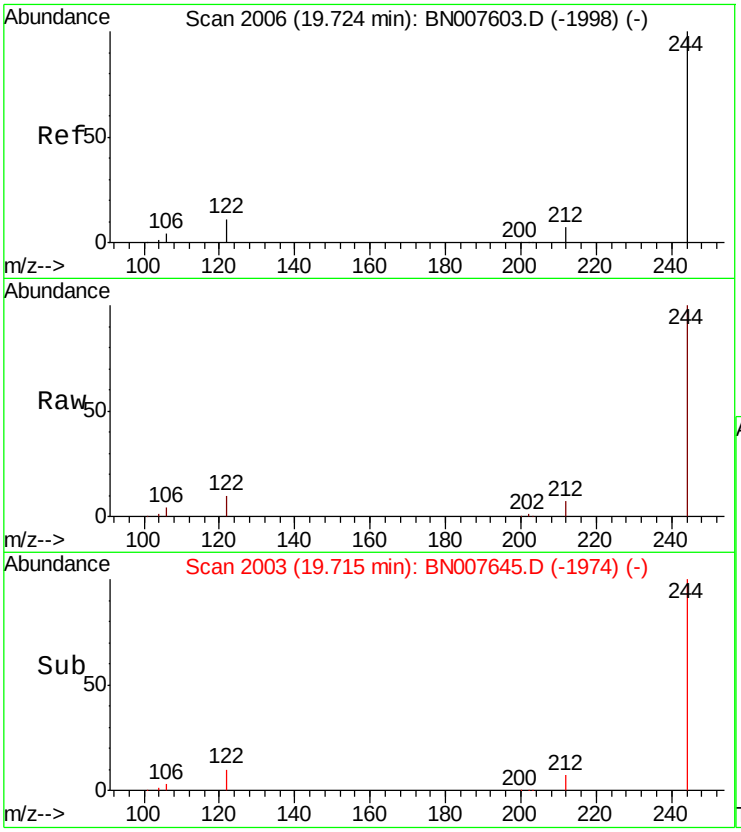


#28
Pyrene
Concen: 0.428 ng
RT: 19.50 min Scan# 1960
Delta R.T. -0.01 min
Lab File: BN007645.D
Acq: 14 Sep 2019 03:11

Tgt Ion:202 Resp: 61862

Ion	Ratio	Lower	Upper
202	100		
200	20.4	16.4	24.6
203	17.4	14.0	21.0



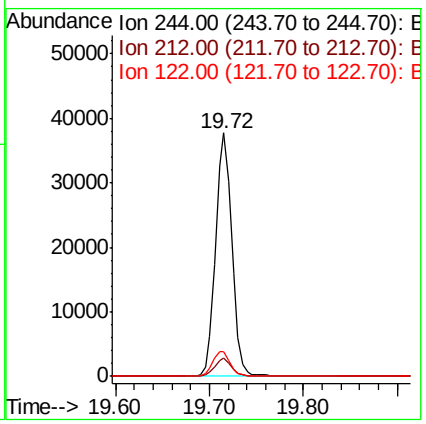


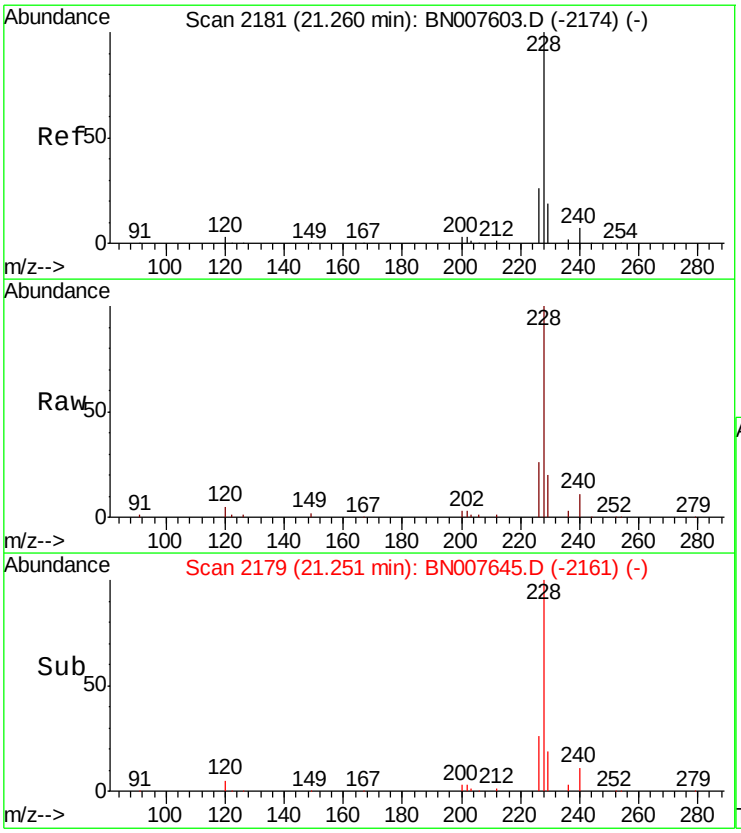
#29
Terphenyl-d14
Concen: 0.430 ng
RT: 19.72 min Scan# 2003
Delta R.T. -0.01 min
Lab File: BN007645.D
Acq: 14 Sep 2019 03:11

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:244 Resp: 45111

Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.9	8.9
122	10.2	8.6	12.8

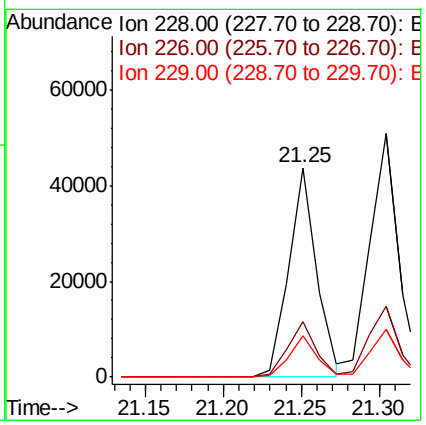


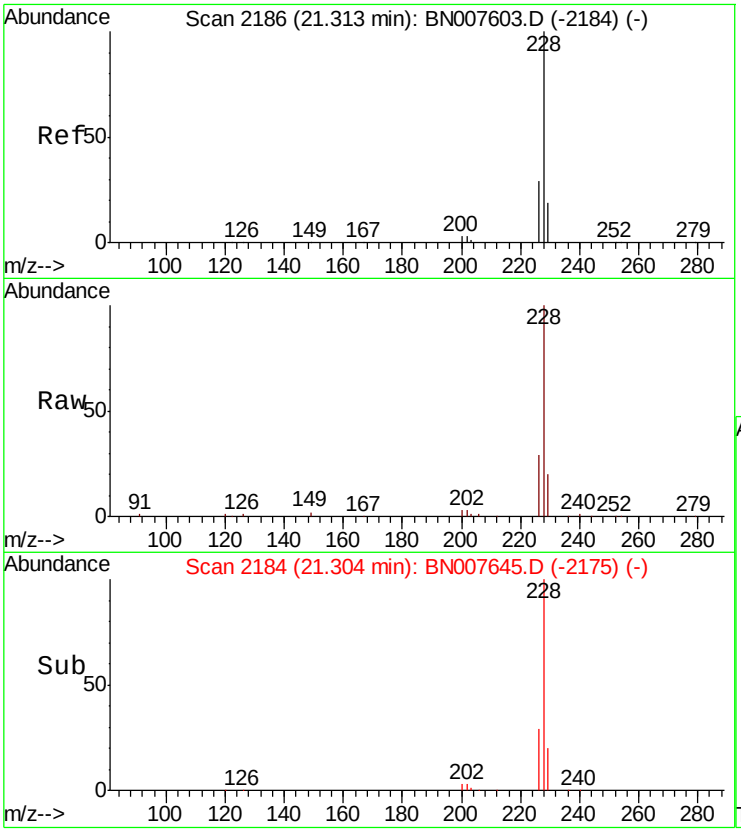


#30
Benzo(a)anthracene
Concen: 0.382 ng
RT: 21.25 min Scan# 2179
Delta R.T. -0.01 min
Lab File: BN007645.D
Acq: 14 Sep 2019 03:11

Tgt Ion:228 Resp: 54017

Ion	Ratio	Lower	Upper
228	100		
226	26.2	21.2	31.8
229	19.5	15.5	23.3



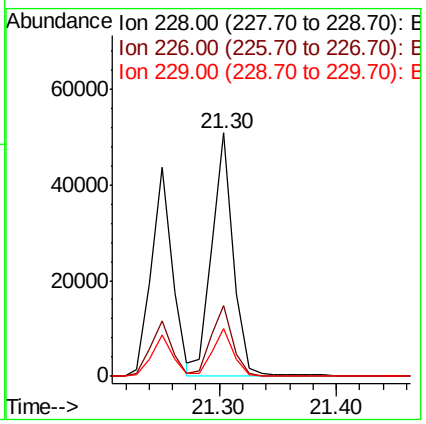


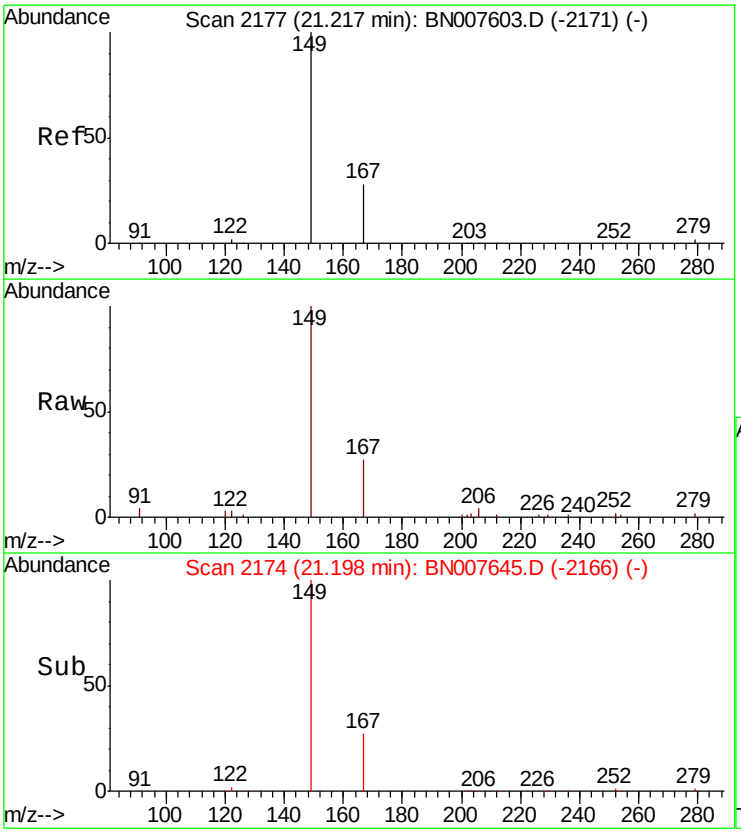
#31
Chrysene
Concen: 0.442 ng
RT: 21.30 min Scan# 2184
Delta R.T. -0.01 min
Lab File: BN007645.D
Acq: 14 Sep 2019 03:11

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:228 Resp: 64941

Ion	Ratio	Lower	Upper
228	100		
226	29.3	23.4	35.2
229	19.8	15.5	23.3

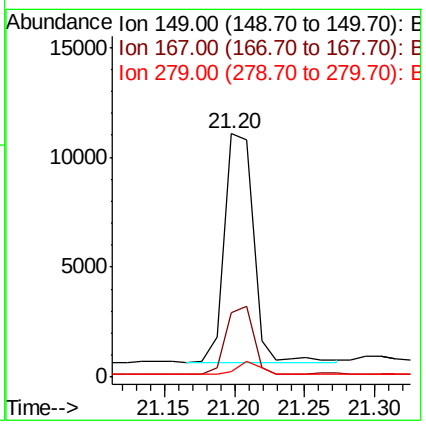


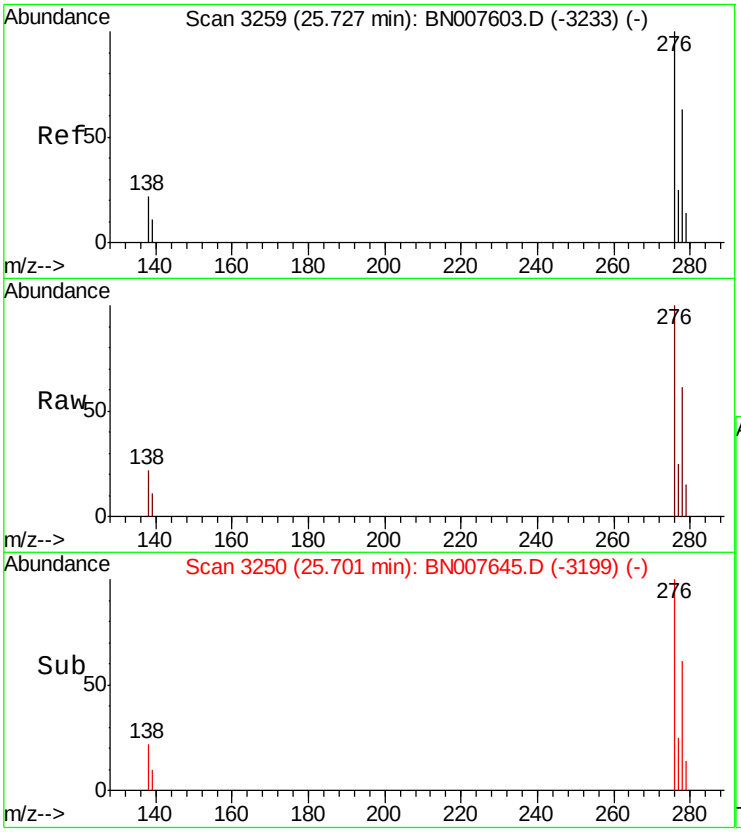


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.310 ng
RT: 21.20 min Scan# 2174
Delta R.T. -0.02 min
Lab File: BN007645.D
Acq: 14 Sep 2019 03:11

Tgt Ion:149 Resp: 14850

Ion	Ratio	Lower	Upper
149	100		
167	28.4	22.6	34.0
279	4.7	3.8	5.6



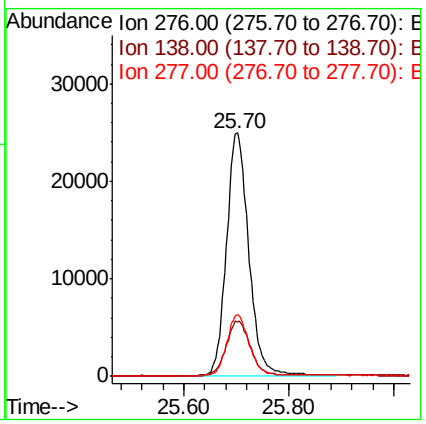


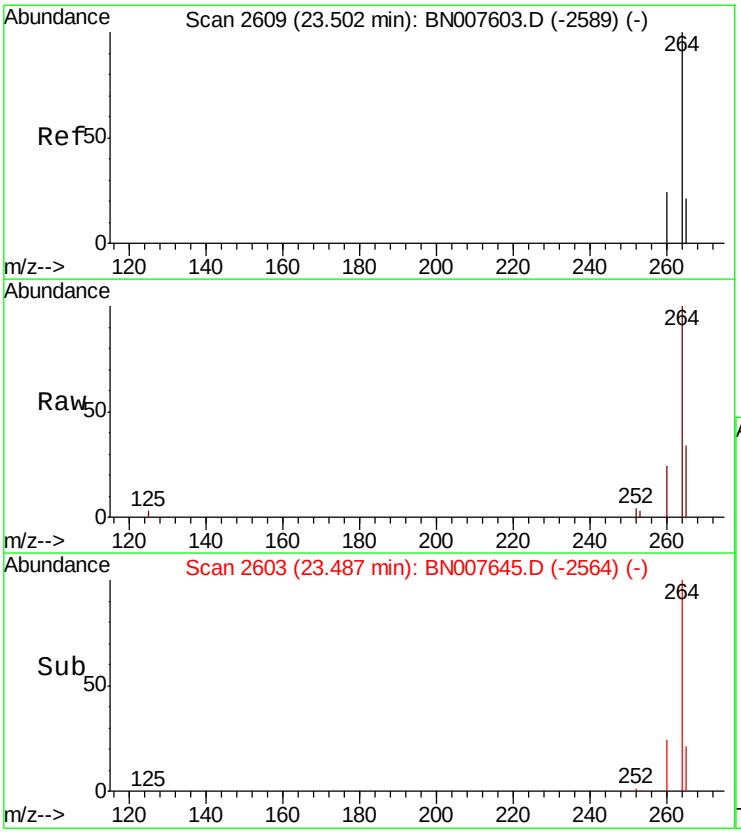
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.470 ng
RT: 25.70 min Scan# 3250
Delta R.T. -0.03 min
Lab File: BN007645.D
Acq: 14 Sep 2019 03:11

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:276 Resp: 73756

Ion	Ratio	Lower	Upper
276	100		
138	24.1	18.2	27.4
277	24.9	20.1	30.1

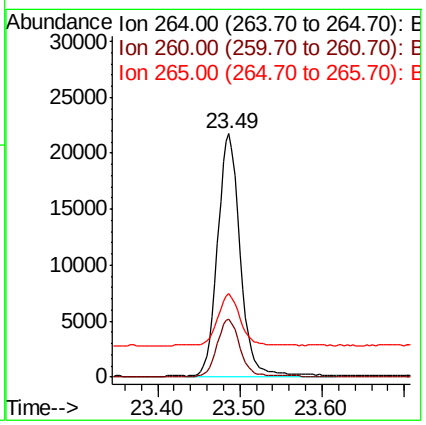


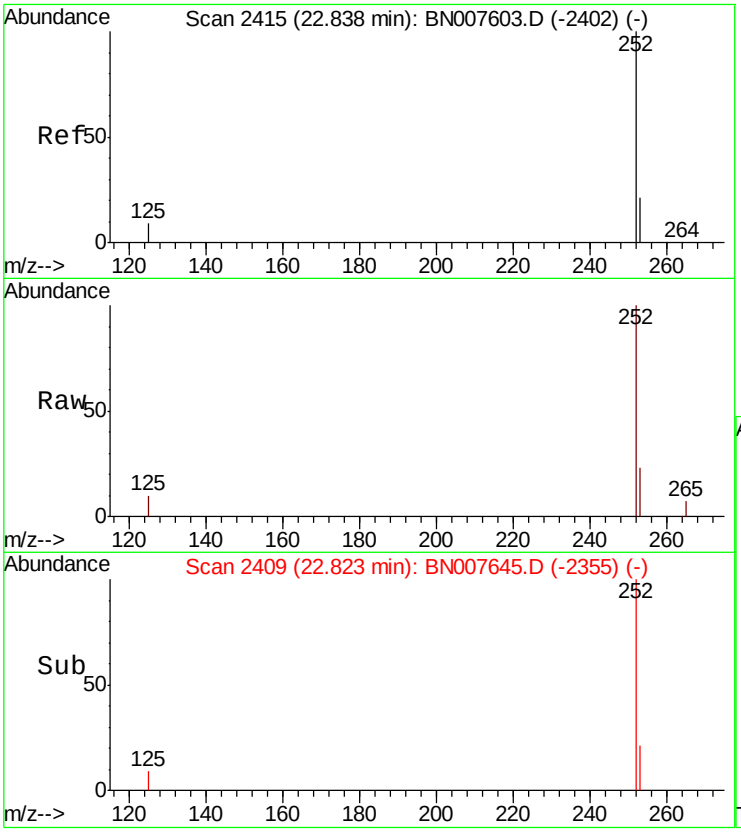


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.49 min Scan# 2603
Delta R.T. -0.02 min
Lab File: BN007645.D
Acq: 14 Sep 2019 03:11

Tgt Ion:264 Resp: 41178

Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.1	28.7
265	34.2	24.6	37.0



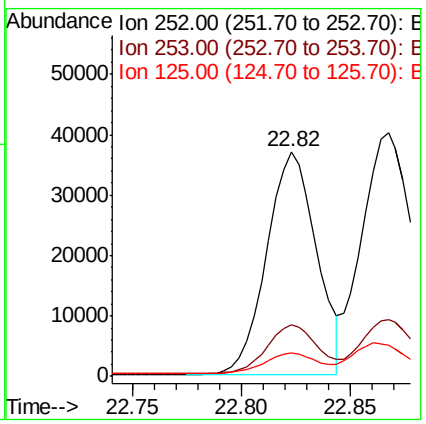


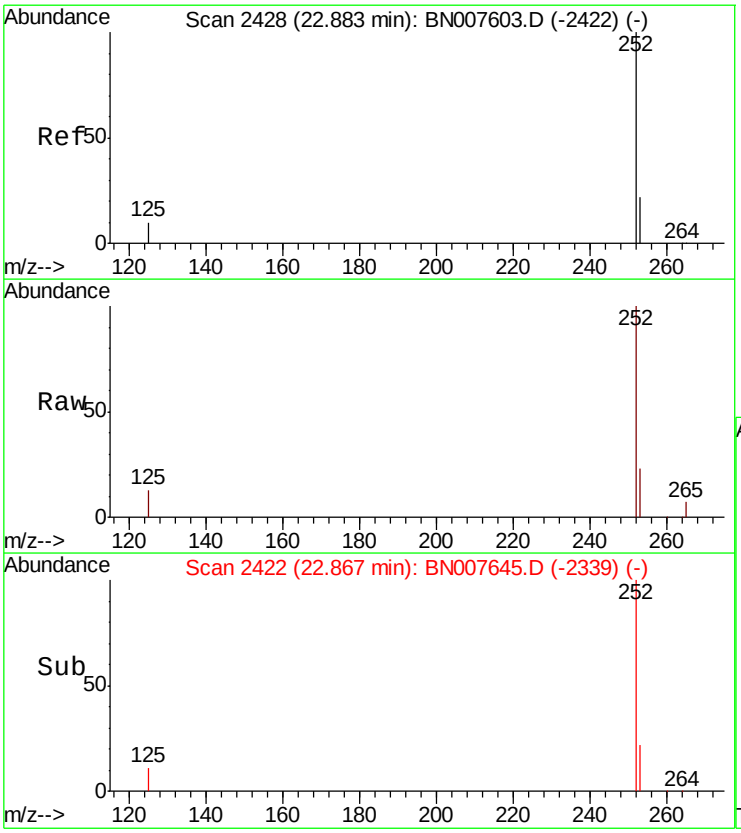
#35
Benzo(b)fluoranthene
Concen: 0.390 ng
RT: 22.82 min Scan# 2409
Delta R.T. -0.02 min
Lab File: BN007645.D
Acq: 14 Sep 2019 03:11

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:252 Resp: 58394

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.8	26.8
125	10.5	8.0	12.0

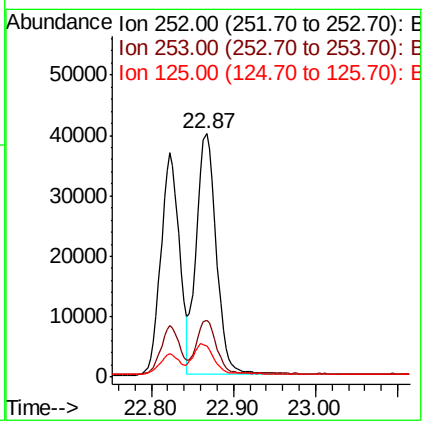


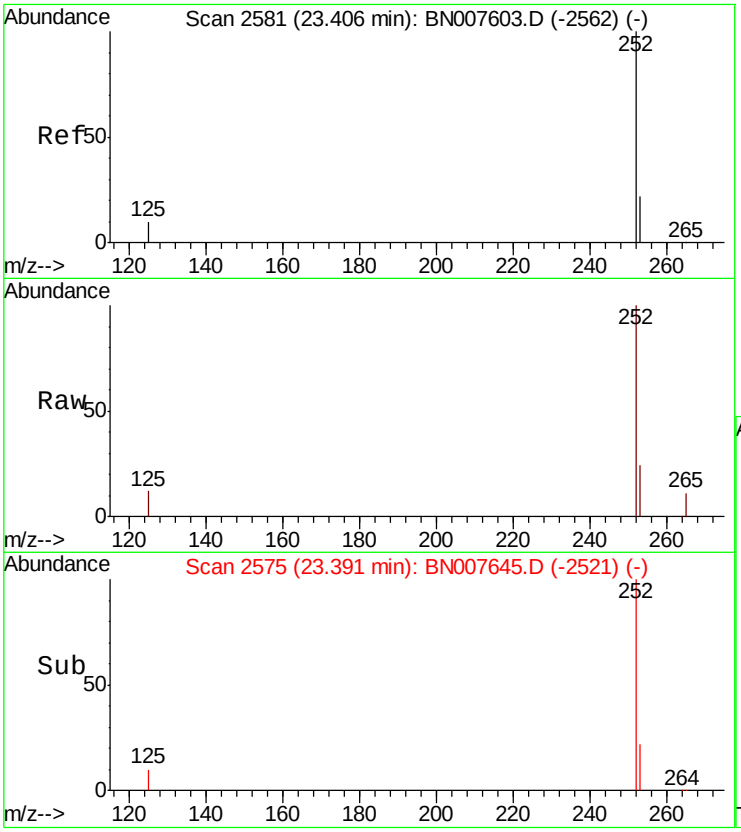


#36
Benzo(k)fluoranthene
Concen: 0.442 ng
RT: 22.87 min Scan# 2422
Delta R.T. -0.02 min
Lab File: BN007645.D
Acq: 14 Sep 2019 03:11

Tgt Ion:252 Resp: 67709

Ion	Ratio	Lower	Upper
252	100		
253	23.4	18.3	27.5
125	12.6	8.9	13.3



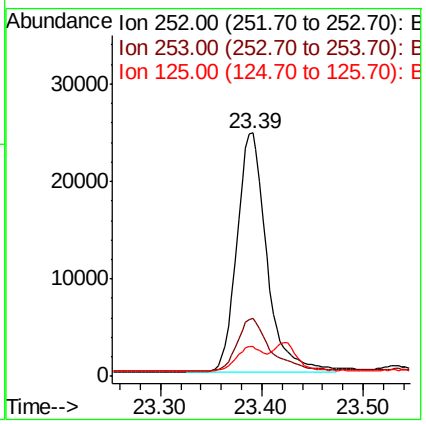


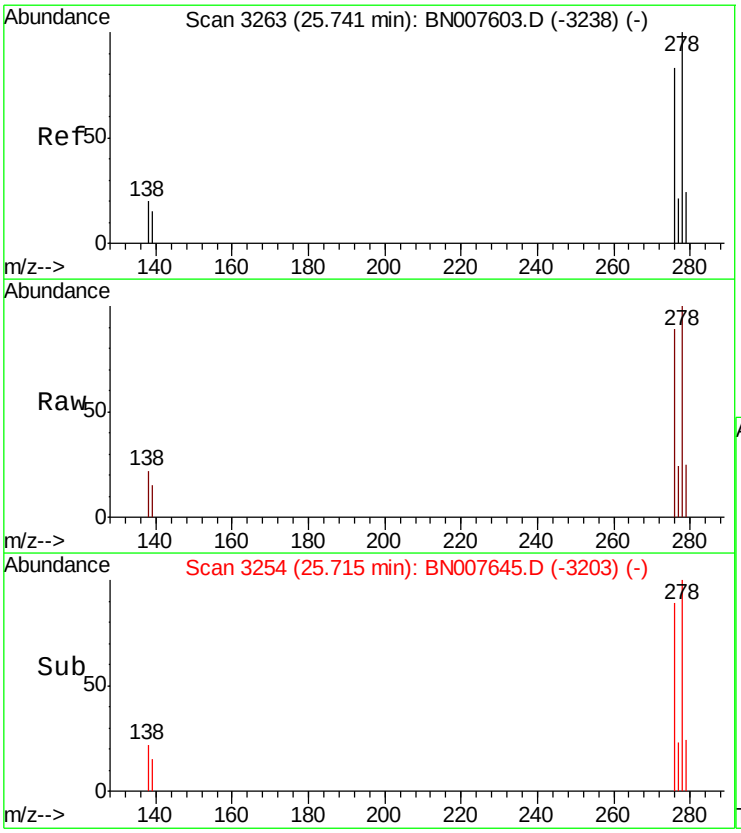
#37
Benzo(a)pyrene
Concen: 0.380 ng
RT: 23.39 min Scan# 2575
Delta R.T. -0.02 min
Lab File: BN007645.D
Acq: 14 Sep 2019 03:11

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:252 Resp: 50480

Ion	Ratio	Lower	Upper
252	100		
253	23.6	18.3	27.5
125	12.3	8.9	13.3

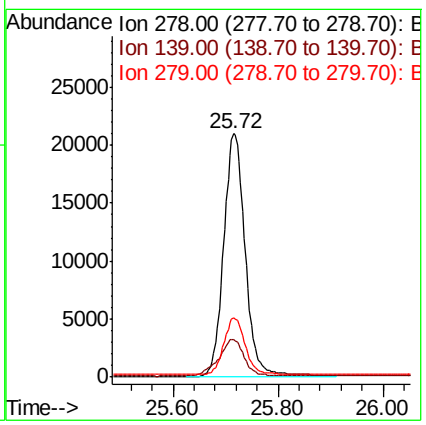


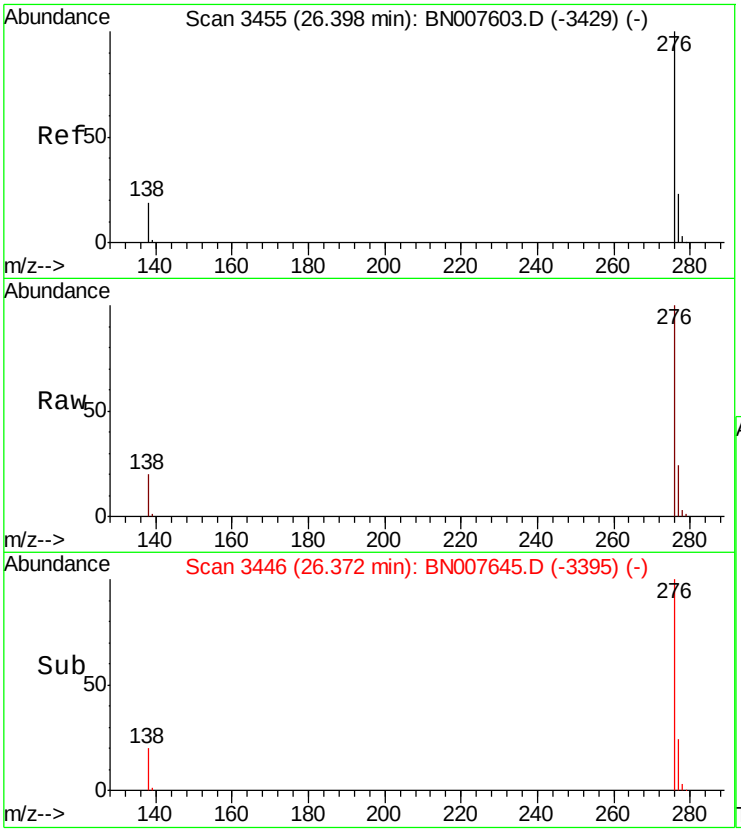


#38
Dibenzo(a,h)anthracene
Concen: 0.430 ng
RT: 25.72 min Scan# 3254
Delta R.T. -0.03 min
Lab File: BN007645.D
Acq: 14 Sep 2019 03:11

Tgt Ion:278 Resp: 59706

Ion	Ratio	Lower	Upper
278	100		
139	15.5	12.6	18.8
279	24.5	19.6	29.4





#39
Benzo(g,h,i)perylene
Concen: 0.410 ng
RT: 26.37 min Scan# 3446
Delta R.T. -0.03 min
Lab File: BN007645.D
Acq: 14 Sep 2019 03:11

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:276 Resp: 56414

Ion	Ratio	Lower	Upper
276	100		
277	24.3	19.1	28.7
138	20.2	15.8	23.6