Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN082019\

Quantitation Report (Not Reviewed)

Data File : BN007276.D
Acq On : 21 Aug 2019 03:01
Operator : HP/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDCCC0.4

Quant Time: Aug 21 05:48:35 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN082019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 20 18:52:43 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.41	152	5416	0.40	ng		0.00
7) Naphthalene-d8	10.16	136	20112	0.40	ng		0.00
13) Acenaphthene-d10	14.06	164	11611	0.40	ng		0.00
19) Phenanthrene-d10	16.80	188	26816	0.40	ng		0.00
27) Chrysene-d12	21.03	240	26508	0.40	ng		0.00
34) Perylene-d12	23.13	264	29557	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.04	112	6151	0.37	ng		0.00
5) Phenol-d6	6.60	99	7468	0.39	ng		0.00
8) Nitrobenzene-d5	8.54	82	6216	0.40	ng		0.00
11) 2-Methylnaphthalene-d10	11.77	152	14290	0.41	ng		0.00
14) 2,4,6-Tribromophenol	15.55	330	2429	0.37	ng		0.00
15) 2-Fluorobiphenyl	12.68	172	20213	0.41	ng		0.00
25) Fluoranthene-d10	18.85	212	34006	0.40	ng		0.00
29) Terphenyl-d14	19.47	244	27261	0.41	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.01	88	2926	0.381	ng		98
3) n-Nitrosodimethylamine	3.33	42	1905	0.370	ng	#	97
6) bis(2-Chloroethyl)ether	6.85	93	6658	0.416	ng		99
9) Naphthalene	10.22	128	23488	0.412	ng		100
10) Hexachlorobutadiene	10.52	225	5117	0.407	ng	#	99
12) 2-Methylnaphthalene	11.84	142	16486	0.418	ng		99
16) Acenaphthylene	13.77	152	24702	0.401	ng		99
17) Acenaphthene	14.11	154	15664	0.399	ng		97
18) Fluorene	15.12	166	20453	0.399	ng		99
20) 4-Bromophenyl-phenylether	16.01	248	6478	0.422	ng	#	84
21) Hexachlorobenzene	16.12	284	7302	0.411	ng		99
22) Pentachlorophenol	16.46	266	2745	0.385	ng		96
23) Phenanthrene	16.85	178	34310	0.408	ng		100
24) Anthracene	16.94	178	30494	0.403	ng		99
26) Fluoranthene	18.88	202	40865	0.401	ng		100
28) Pyrene	19.25	202	41657	0.420	ng		100
30) Benzo(a)anthracene	21.00	228	40697	0.413	ng		96
31) Chrysene	21.06	228	41931	0.417	ng		99
32) Bis(2-ethylhexyl)phthalate	20.98	149	15869	0.403	ng		100
33) Indeno(1,2,3-cd)pyrene	25.20	276	51758	0.428	ng		99
35) Benzo(b)fluoranthene	22.51	252	41979	0.381	ng		99
36) Benzo(k)fluoranthene	22.55	252	43441	0.402	ng		99
37) Benzo(a)pyrene	23.04	252	39418	0.397	ng		100
38) Dibenzo(a,h)anthracene	25.21	278	41774	0.400	ng		99
39) Benzo(g,h,i)perylene	25.82	276	41074	0.389	ng		100

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

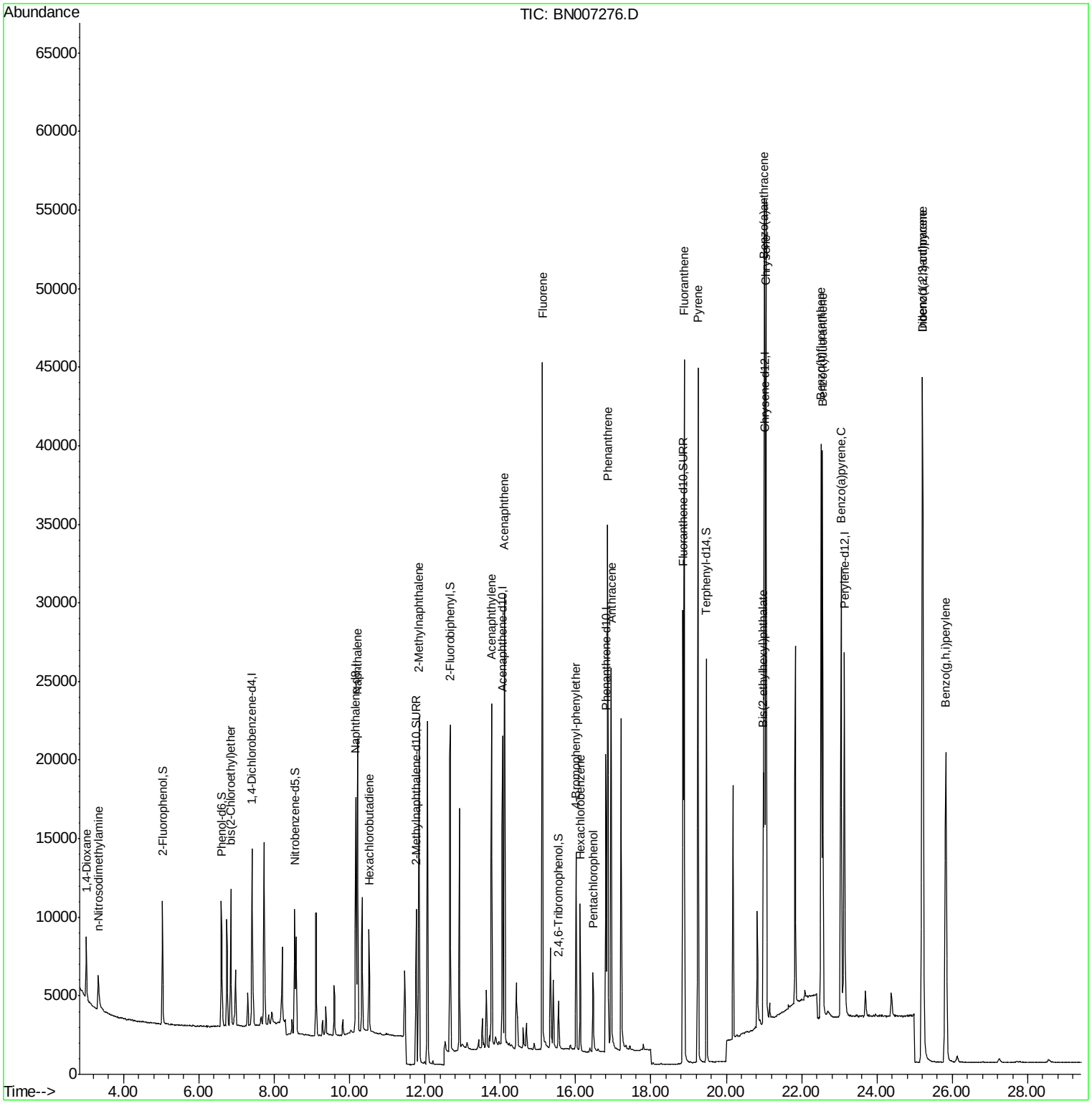
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN082019\

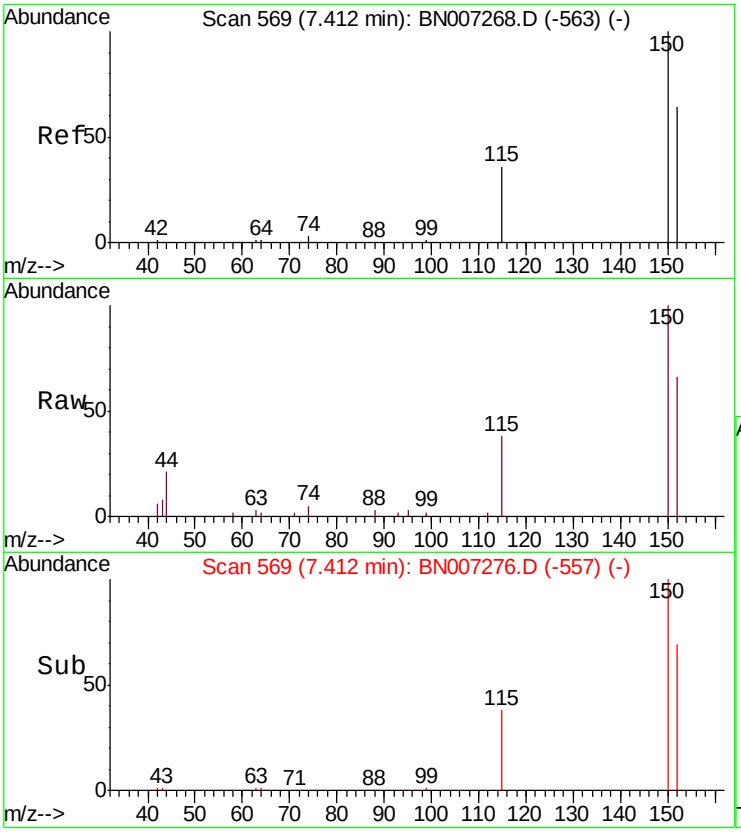
Quantitation Report (Not Reviewed)

Data File : BN007276.D
Acq On : 21 Aug 2019 03:01
Operator : HP/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Quant Time: Aug 21 05:48:35 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN082019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 20 18:52:43 2019
Response via : Initial Calibration



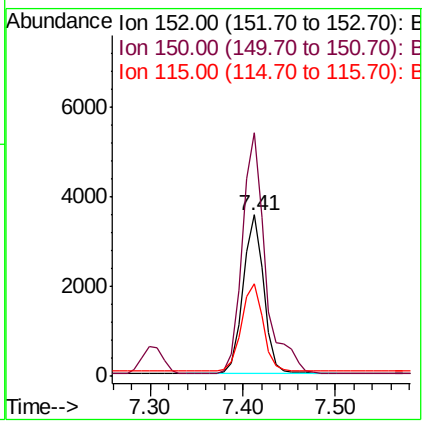


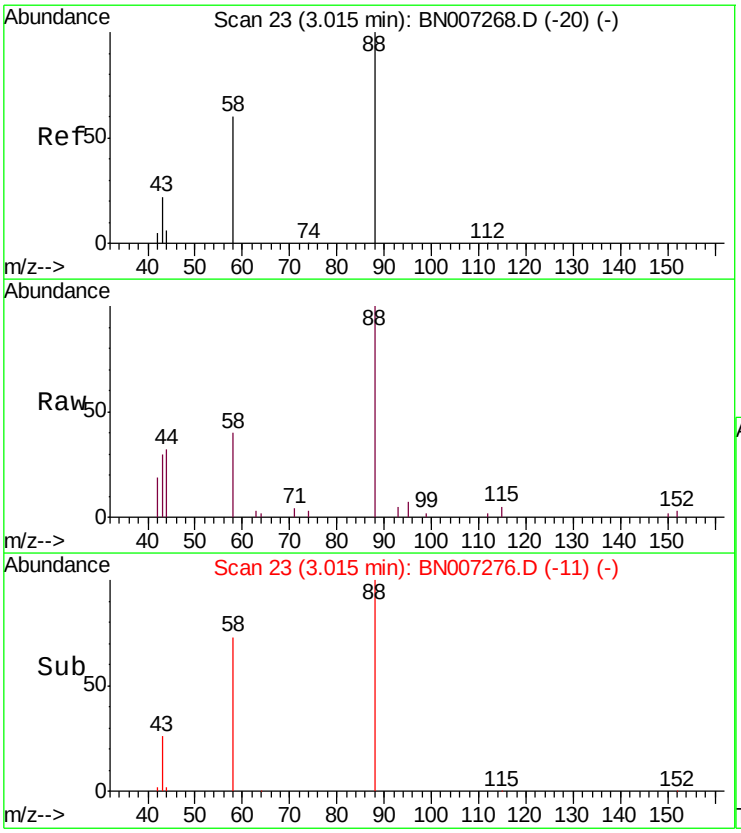
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.41 min Scan# 569
Delta R.T. -0.00 min
Lab File: BN007276.D
Acq: 21 Aug 2019 03:01

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:152 Resp: 5416

Ion	Ratio	Lower	Upper
152	100		
150	150.9	123.8	185.8
115	57.6	47.3	70.9

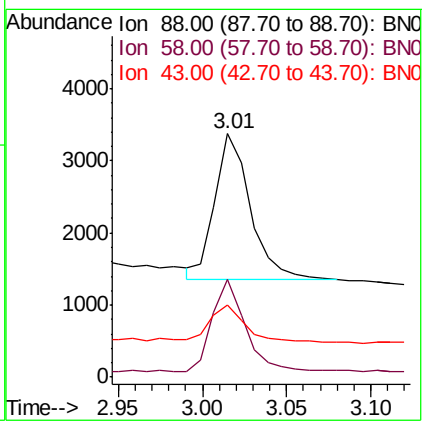


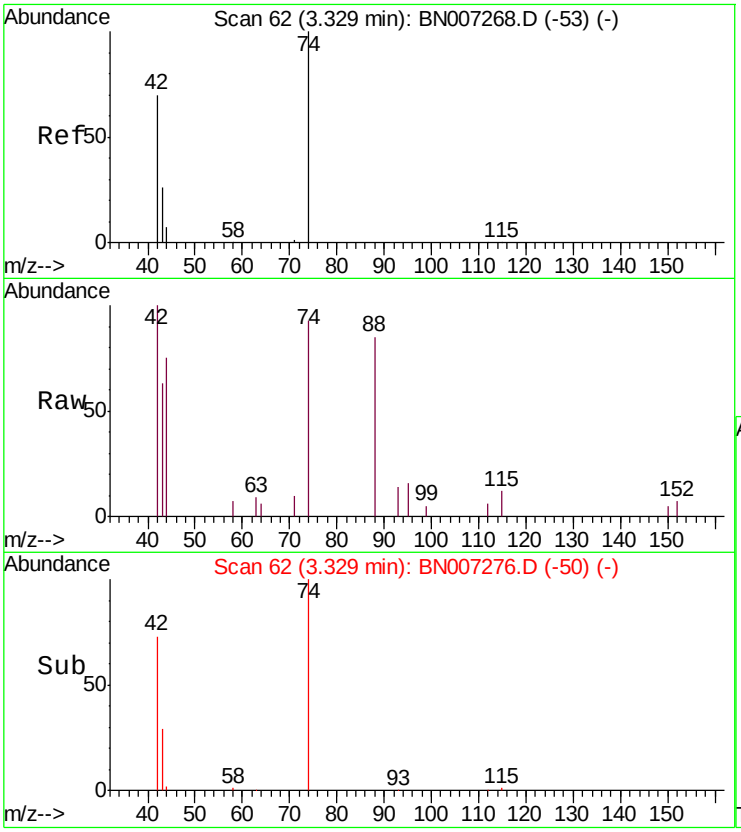


#2
1,4-Dioxane
Concen: 0.381 ng
RT: 3.01 min Scan# 23
Delta R.T. -0.00 min
Lab File: BN007276.D
Acq: 21 Aug 2019 03:01

Tgt Ion: 88 Resp: 2926

Ion	Ratio	Lower	Upper
88	100		
58	59.0	45.5	68.3
43	26.3	20.4	30.6



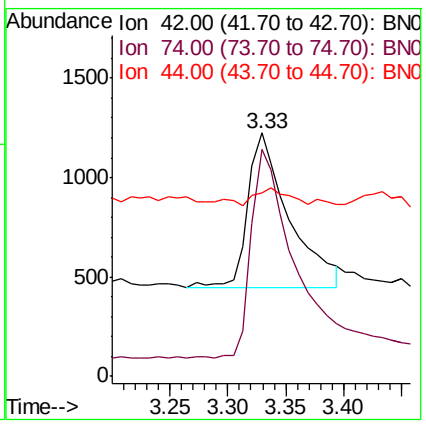


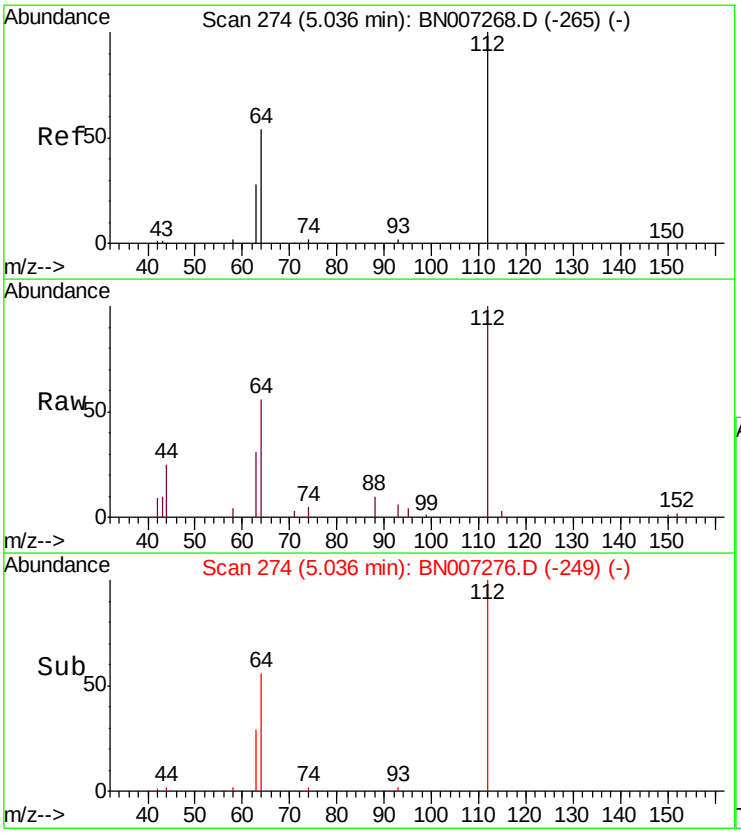
#3
n-Nitrosodimethylamine
Concen: 0.370 ng
RT: 3.33 min Scan# 62
Delta R.T. -0.00 min
Lab File: BN007276.D
Acq: 21 Aug 2019 03:01

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 42 Resp: 1905

Ion	Ratio	Lower	Upper
42	100		
74	140.0	109.0	163.4
44	8.8	4.2	6.2#

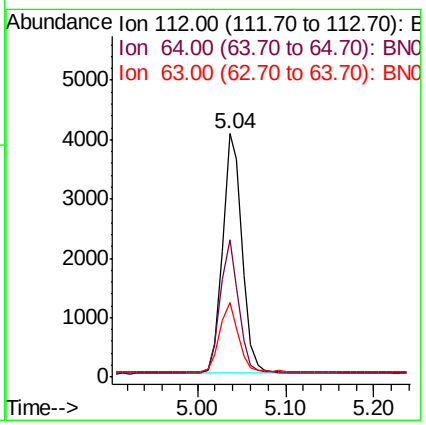


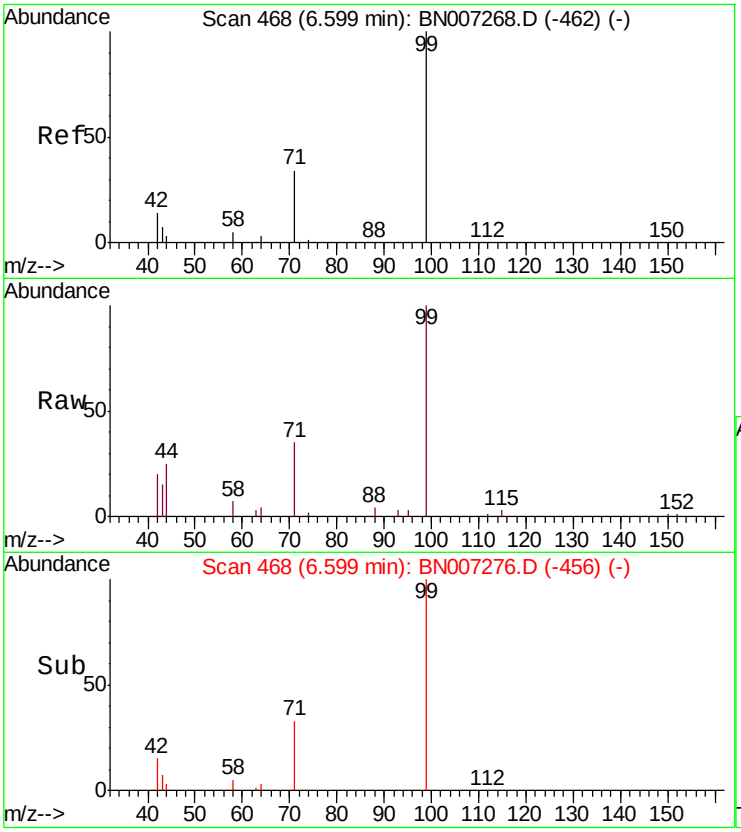


#4
2-Fluorophenol
Concen: 0.373 ng
RT: 5.04 min Scan# 274
Delta R.T. -0.00 min
Lab File: BN007276.D
Acq: 21 Aug 2019 03:01

Tgt Ion:112 Resp: 6151

Ion	Ratio	Lower	Upper
112	100		
64	52.3	41.8	62.8
63	27.8	22.6	34.0



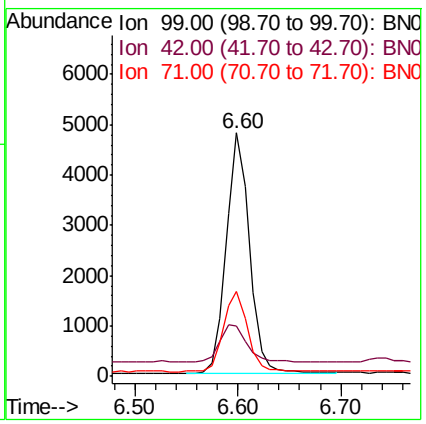


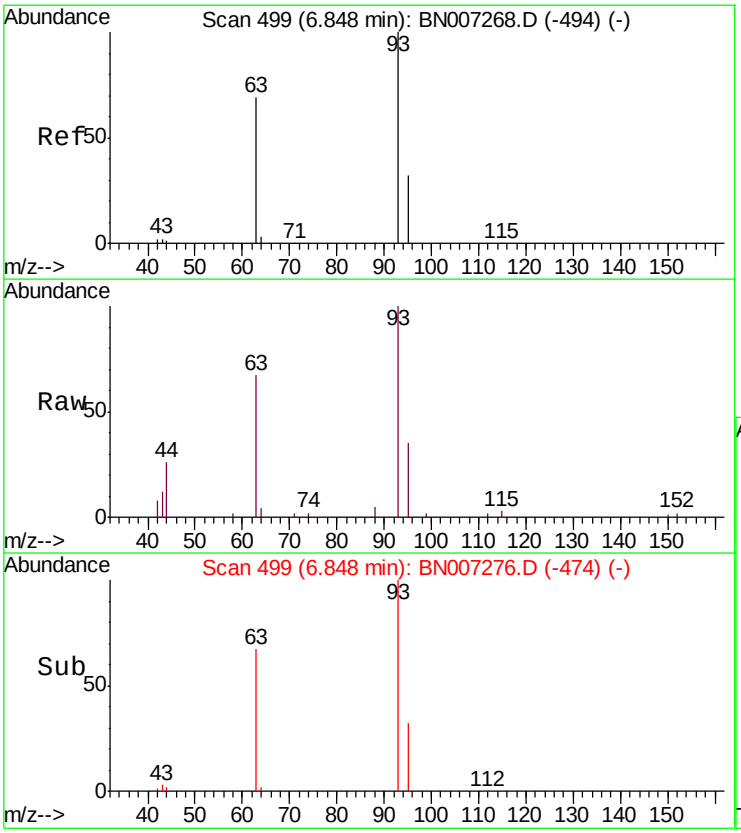
#5
Phenol-d6
Concen: 0.393 ng
RT: 6.60 min Scan# 468
Delta R.T. 0.00 min
Lab File: BN007276.D
Acq: 21 Aug 2019 03:01

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 99 Resp: 7468

Ion	Ratio	Lower	Upper
99	100		
42	18.5	14.3	21.5
71	34.9	27.3	40.9

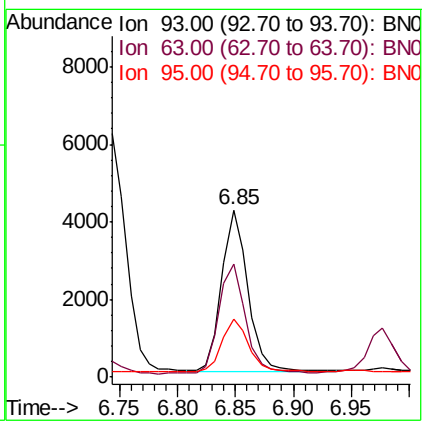


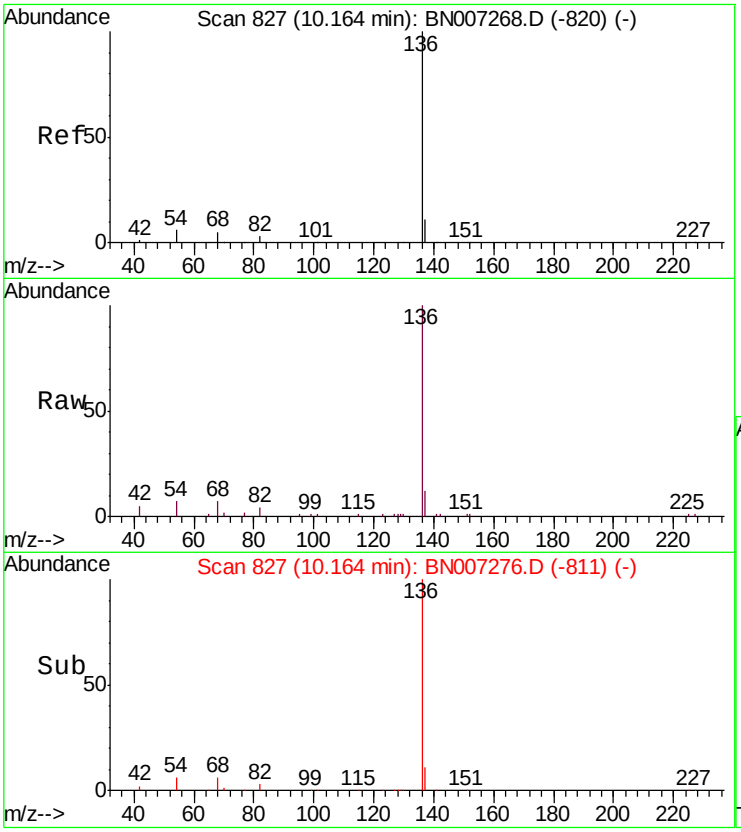


#6
bis(2-Chloroethyl)ether
Concen: 0.416 ng
RT: 6.85 min Scan# 499
Delta R.T. -0.00 min
Lab File: BN007276.D
Acq: 21 Aug 2019 03:01

Tgt Ion: 93 Resp: 6658

Ion	Ratio	Lower	Upper
93	100		
63	67.6	54.4	81.6
95	33.0	25.5	38.3



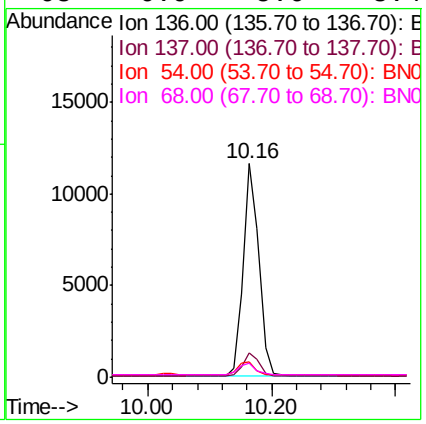


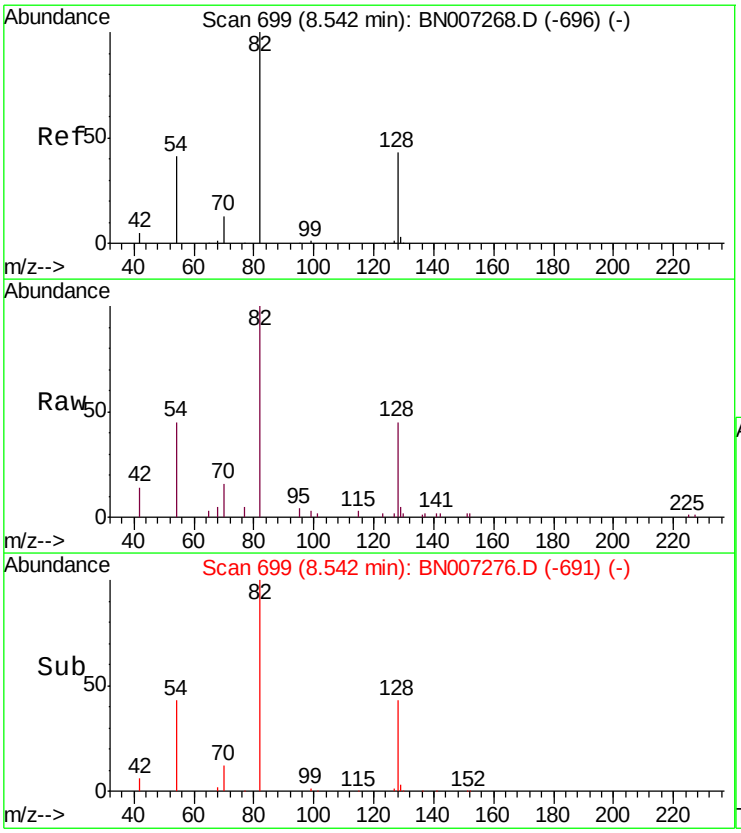
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.16 min Scan# 827
Delta R.T. -0.00 min
Lab File: BN007276.D
Acq: 21 Aug 2019 03:01

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:136 Resp: 20112

Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.1	13.7
54	7.1	5.9	8.9
68	6.9	5.6	8.4

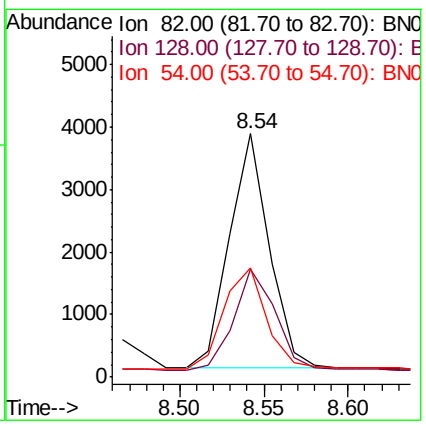


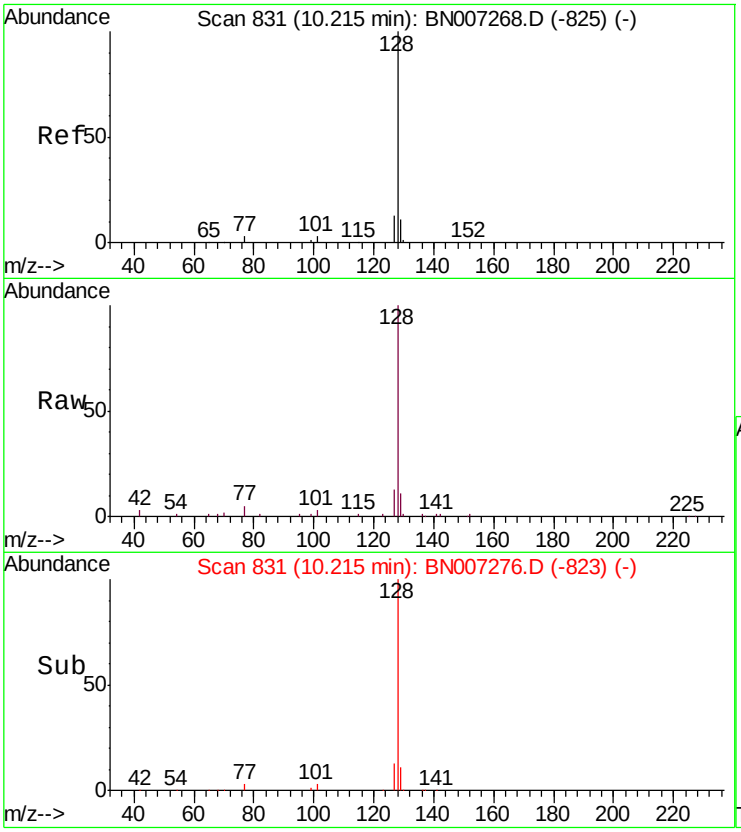


#8
Nitrobenzene-d5
Concen: 0.403 ng
RT: 8.54 min Scan# 699
Delta R.T. -0.00 min
Lab File: BN007276.D
Acq: 21 Aug 2019 03:01

Tgt Ion: 82 Resp: 6216

Ion	Ratio	Lower	Upper
82	100		
128	44.5	35.8	53.6
54	45.1	34.7	52.1



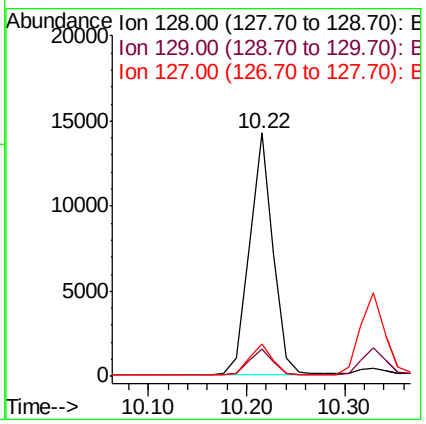


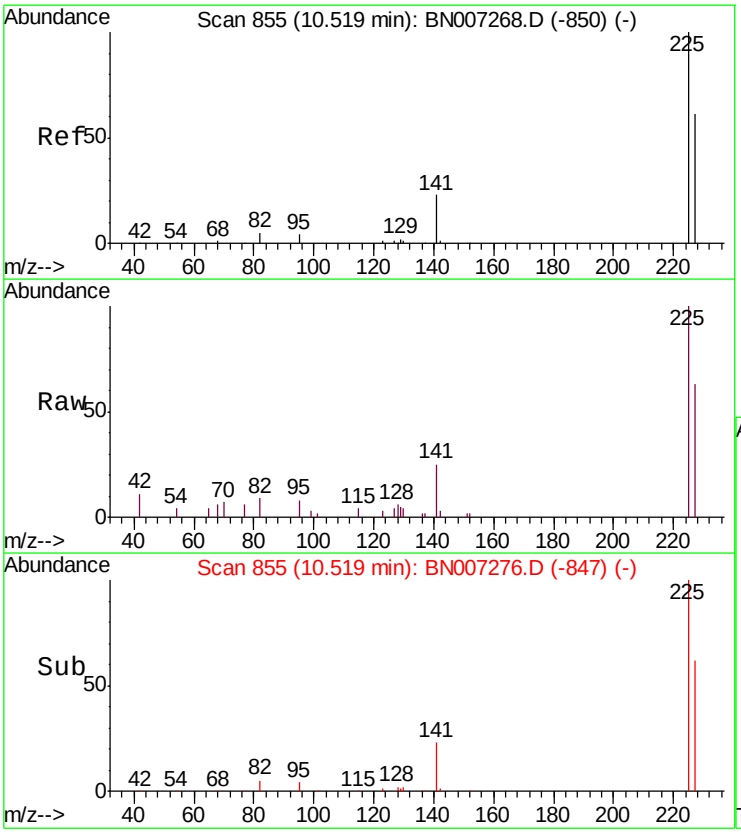
#9
Naphthalene
Concen: 0.412 ng
RT: 10.22 min Scan# 831
Delta R.T. -0.00 min
Lab File: BN007276.D
Acq: 21 Aug 2019 03:01

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:128 Resp: 23488

Ion	Ratio	Lower	Upper
128	100		
129	11.2	9.1	13.7
127	13.2	10.6	16.0

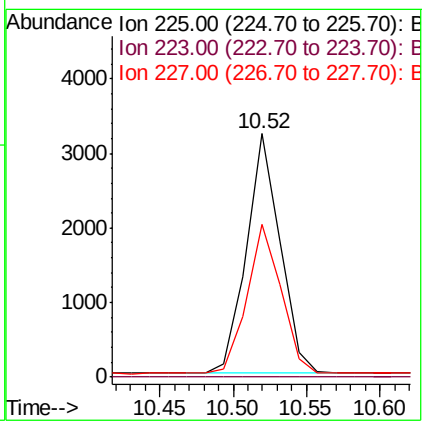


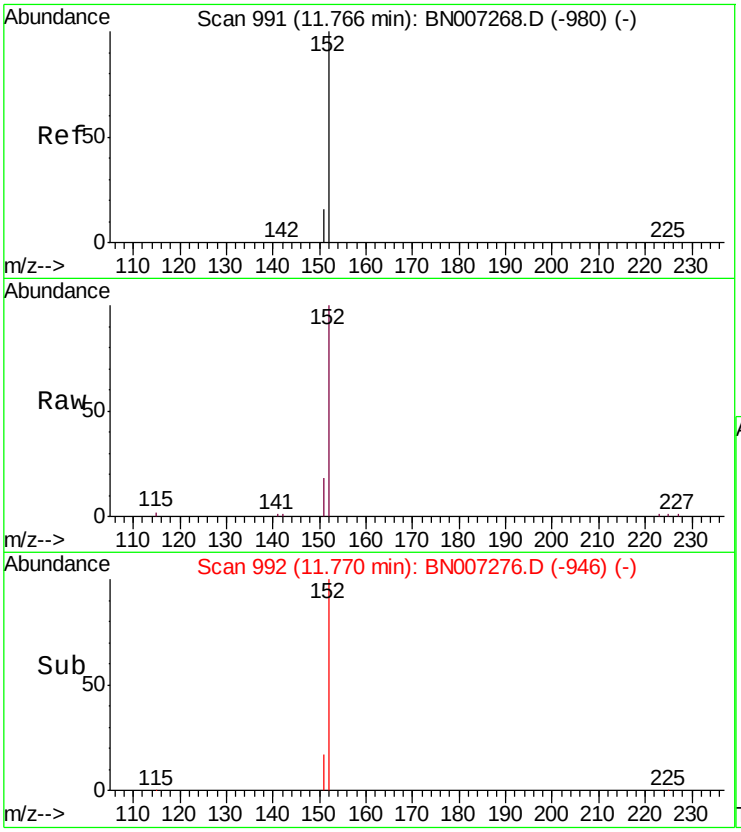


#10
Hexachlorobutadiene
Concen: 0.407 ng
RT: 10.52 min Scan# 855
Delta R.T. -0.00 min
Lab File: BN007276.D
Acq: 21 Aug 2019 03:01

Tgt Ion:225 Resp: 5117

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.4	50.2	75.2



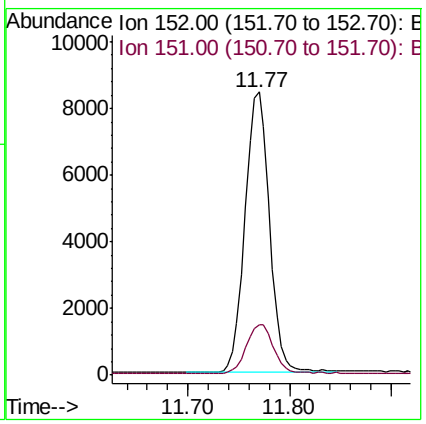


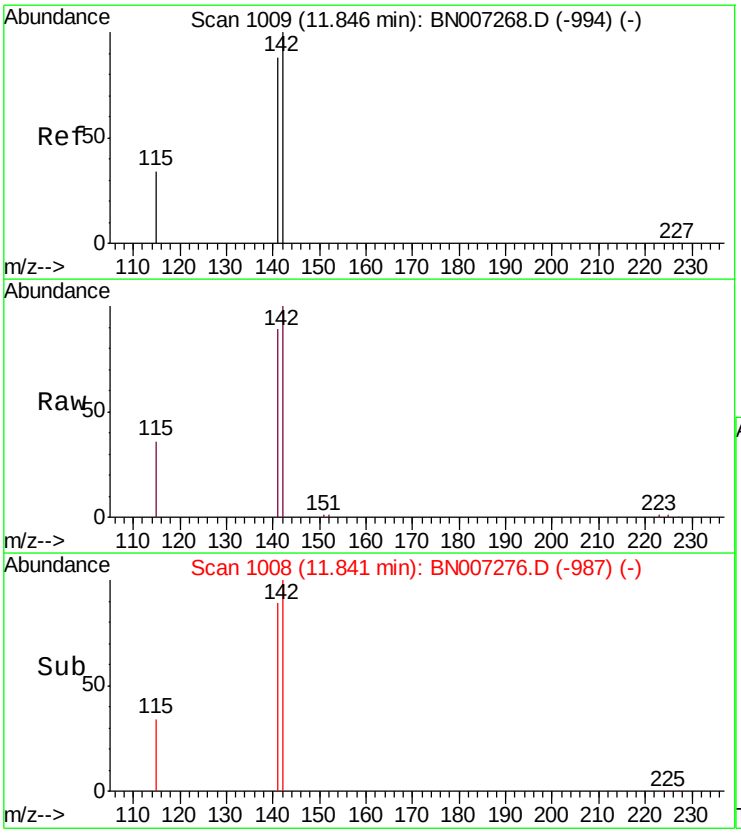
#11
2-Methylnaphthalene-d10
Concen: 0.411 ng
RT: 11.77 min Scan# 992
Delta R.T. 0.00 min
Lab File: BN007276.D
Acq: 21 Aug 2019 03:01

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:152 Resp: 14290

Ion	Ratio	Lower	Upper
152	100		
151	19.1	15.2	22.8

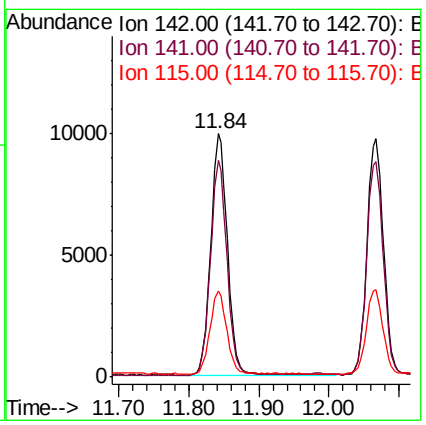


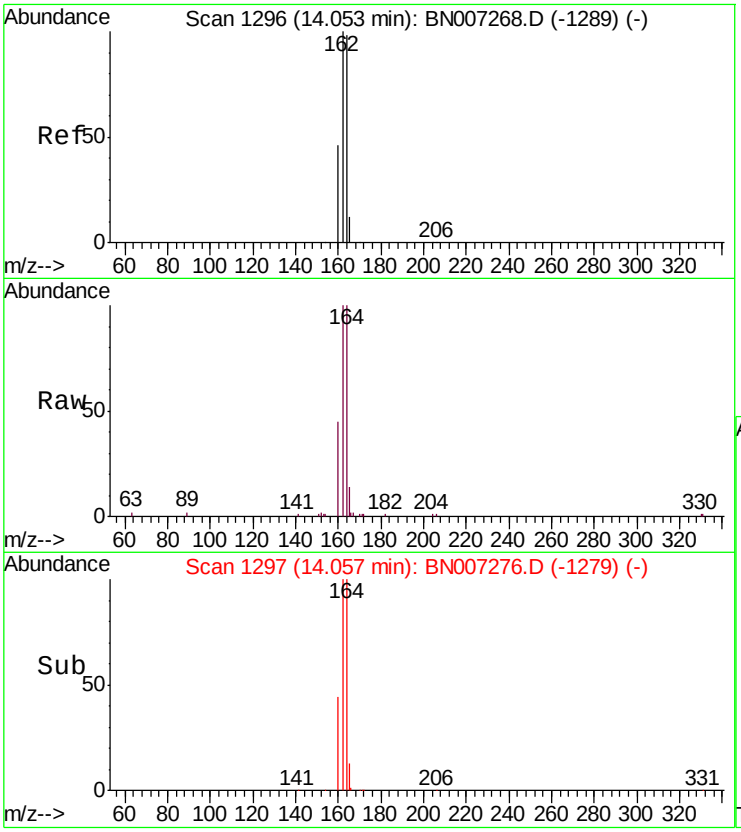


#12
2-Methylnaphthalene
Concen: 0.418 ng
RT: 11.84 min Scan# 1008
Delta R.T. -0.00 min
Lab File: BN007276.D
Acq: 21 Aug 2019 03:01

Tgt Ion:142 Resp: 16486

Ion	Ratio	Lower	Upper
142	100		
141	88.8	70.7	106.1
115	35.6	28.1	42.1



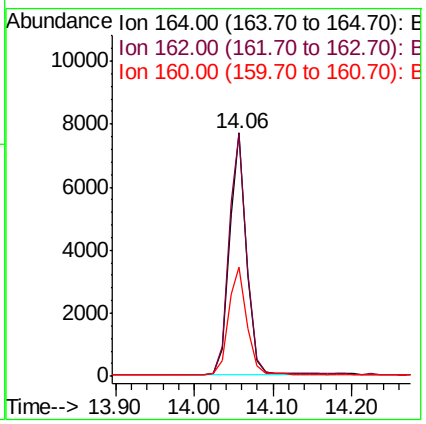


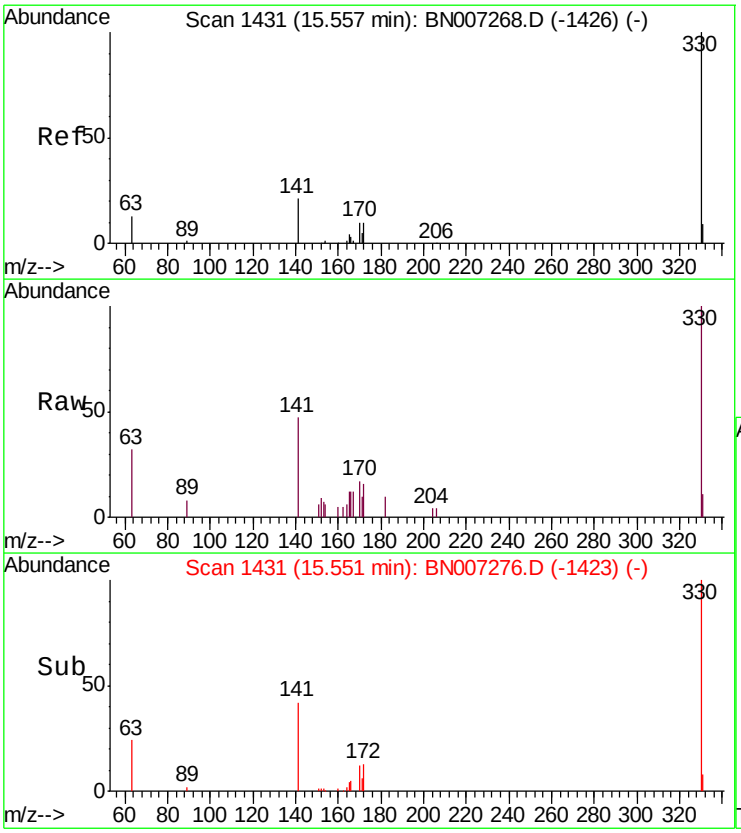
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.06 min Scan# 1297
Delta R.T. 0.00 min
Lab File: BN007276.D
Acq: 21 Aug 2019 03:01

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:164 Resp: 11611

Ion	Ratio	Lower	Upper
164	100		
162	99.6	82.0	123.0
160	44.8	38.2	57.4

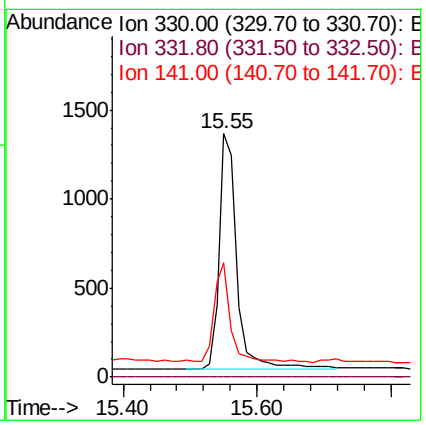


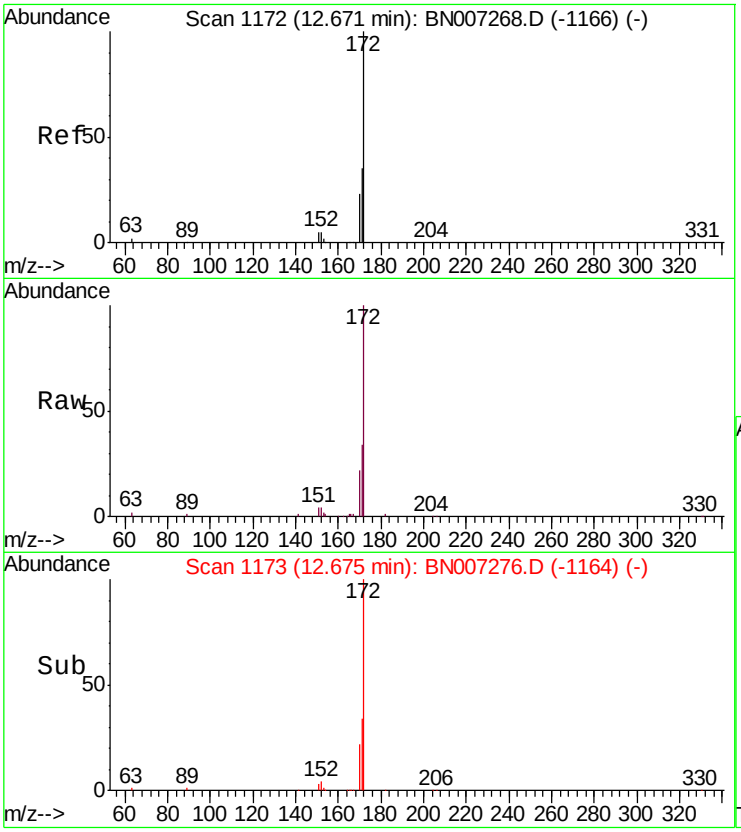


#14
2,4,6-Tribromophenol
Concen: 0.373 ng
RT: 15.55 min Scan# 1431
Delta R.T. -0.01 min
Lab File: BN007276.D
Acq: 21 Aug 2019 03:01

Tgt Ion:330 Resp: 2429

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	40.3	30.3	45.5



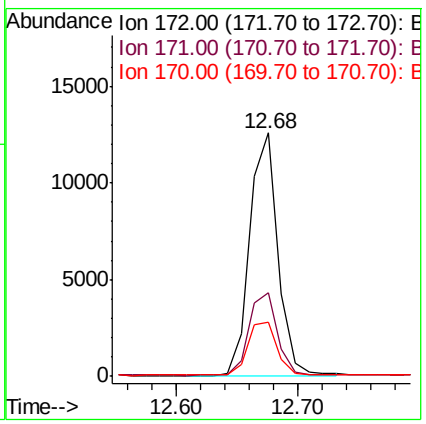


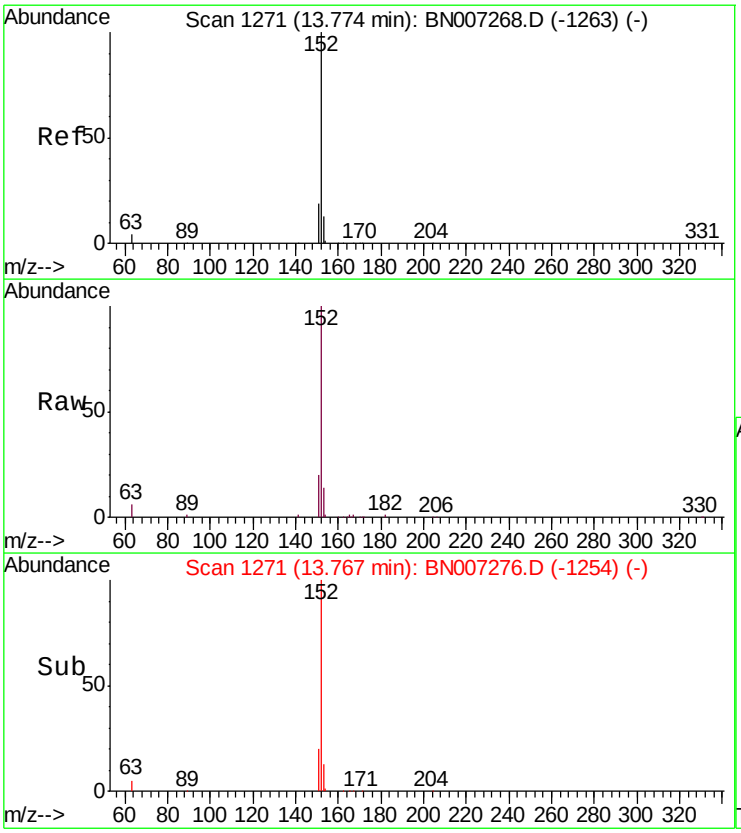
#15
2-Fluorobiphenyl
Concen: 0.406 ng
RT: 12.68 min Scan# 1173
Delta R.T. 0.00 min
Lab File: BN007276.D
Acq: 21 Aug 2019 03:01

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:172 Resp: 20213

Ion	Ratio	Lower	Upper
172	100		
171	34.1	28.6	43.0
170	22.0	18.7	28.1

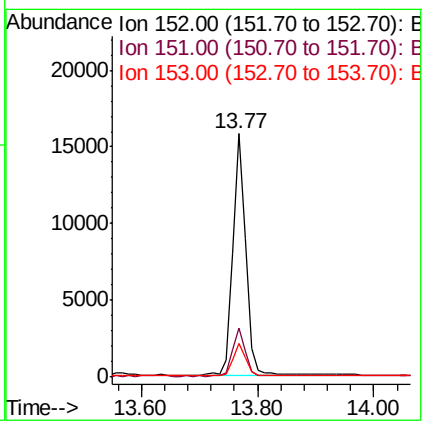


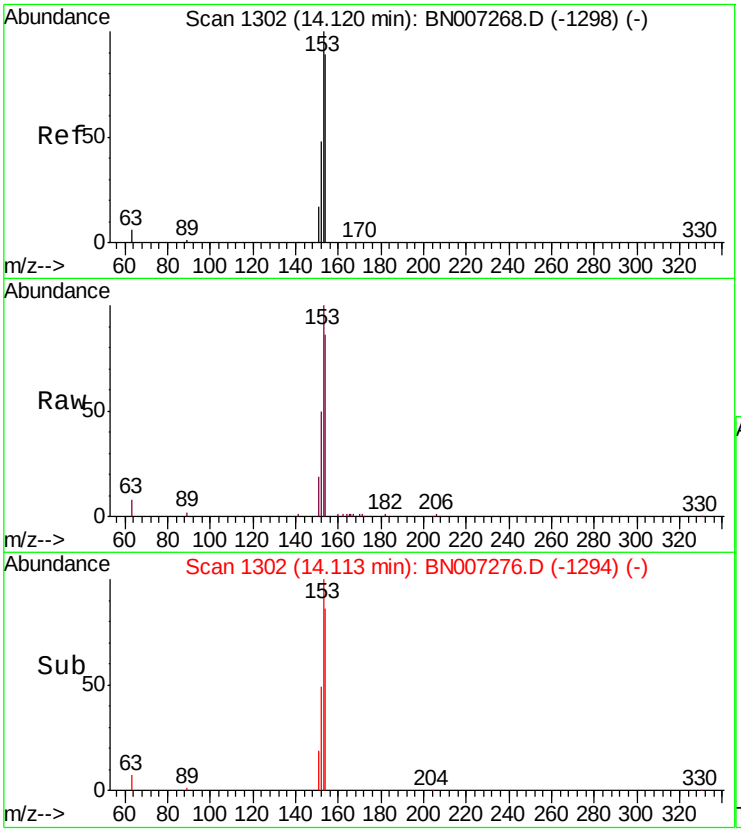


#16
Acenaphthylene
Concen: 0.401 ng
RT: 13.77 min Scan# 1271
Delta R.T. -0.01 min
Lab File: BN007276.D
Acq: 21 Aug 2019 03:01

Tgt Ion:152 Resp: 24702

Ion	Ratio	Lower	Upper
152	100		
151	19.6	15.4	23.2
153	13.1	10.1	15.1



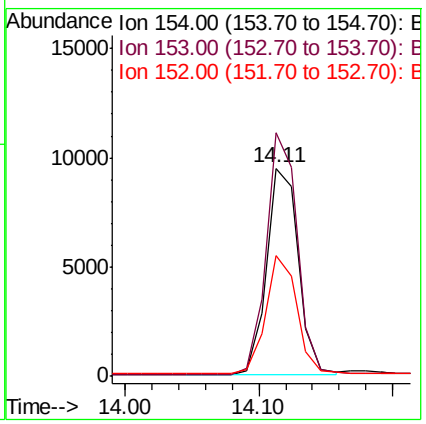


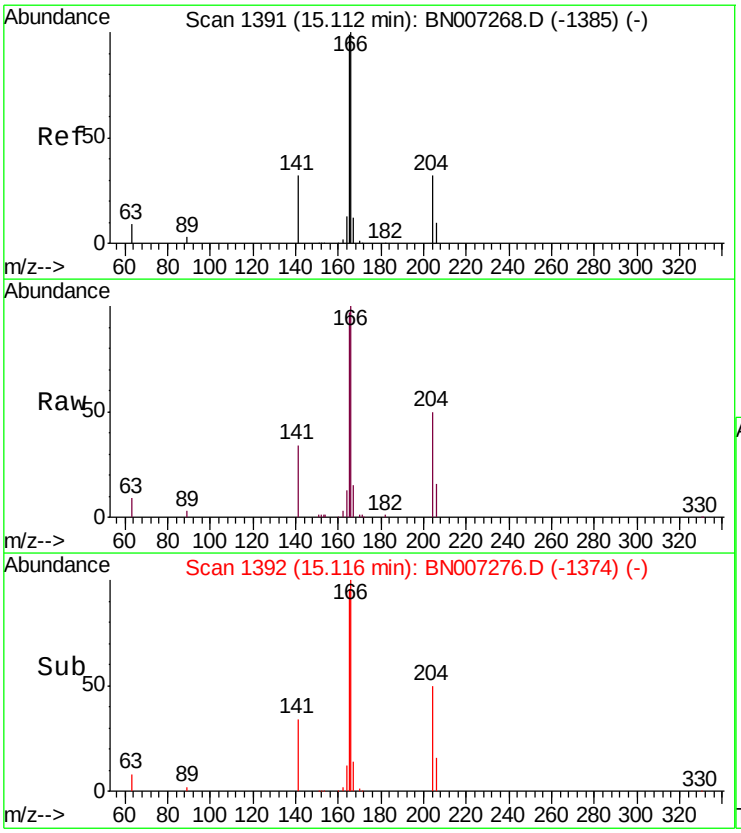
#17
Acenaphthene
Concen: 0.399 ng
RT: 14.11 min Scan# 1302
Delta R.T. -0.01 min
Lab File: BN007276.D
Acq: 21 Aug 2019 03:01

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:154 Resp: 15664

Ion	Ratio	Lower	Upper
154	100		
153	116.0	89.9	134.9
152	55.8	43.9	65.9

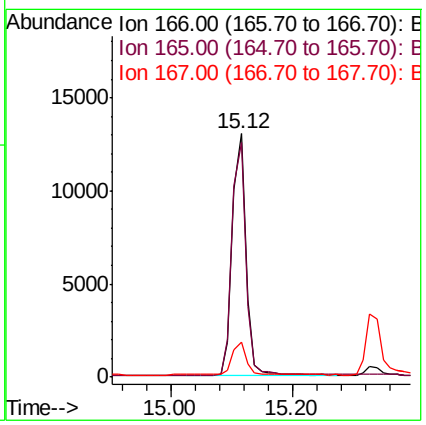


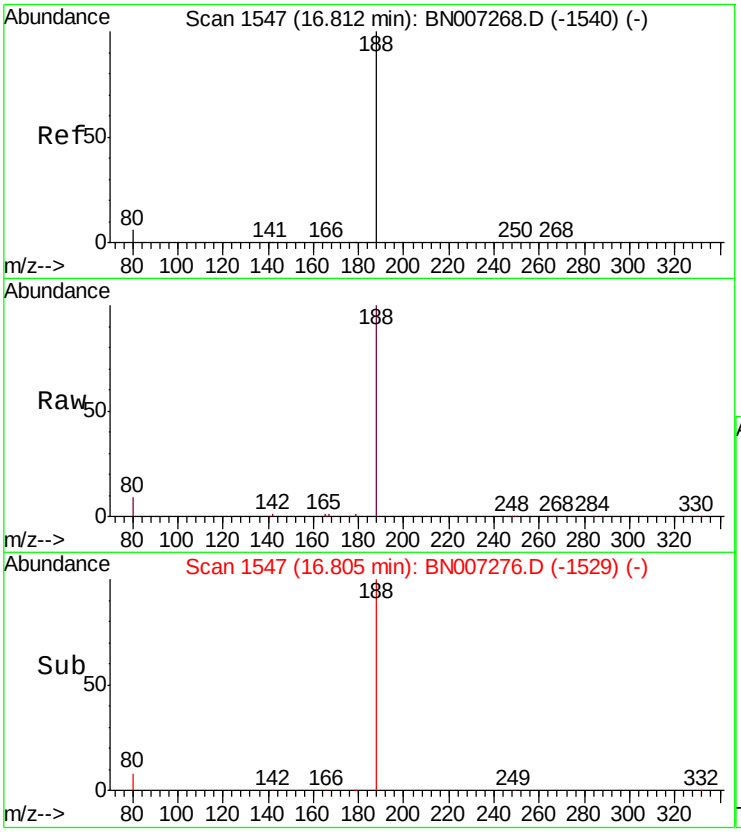


#18
Fluorene
Concen: 0.399 ng
RT: 15.12 min Scan# 1392
Delta R.T. 0.00 min
Lab File: BN007276.D
Acq: 21 Aug 2019 03:01

Tgt Ion:166 Resp: 20453

Ion	Ratio	Lower	Upper
166	100		
165	98.4	78.3	117.5
167	13.6	11.1	16.7



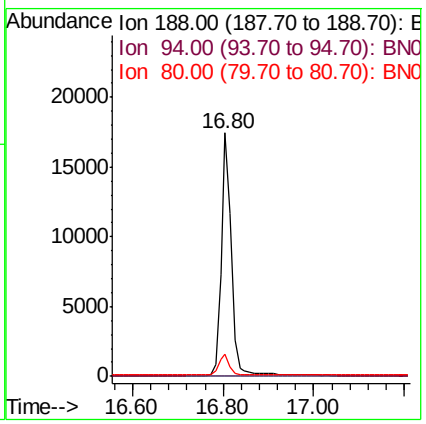


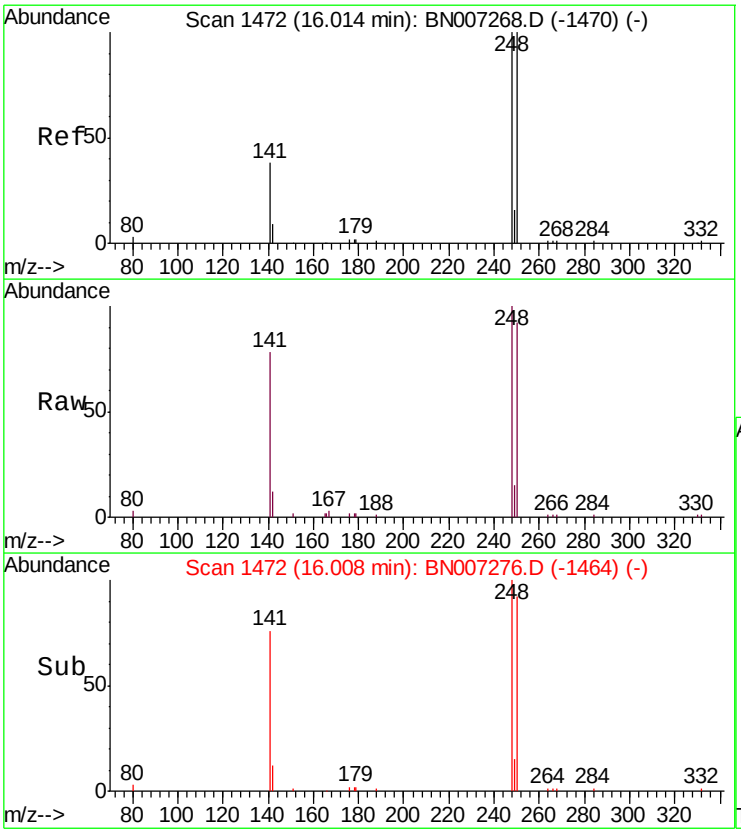
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.80 min Scan# 1547
Delta R.T. -0.01 min
Lab File: BN007276.D
Acq: 21 Aug 2019 03:01

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:188 Resp: 26816

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	8.9	5.2	7.8#

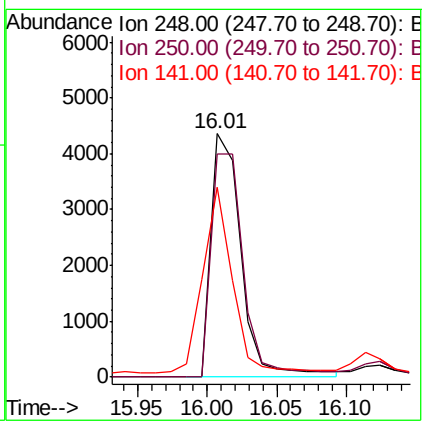


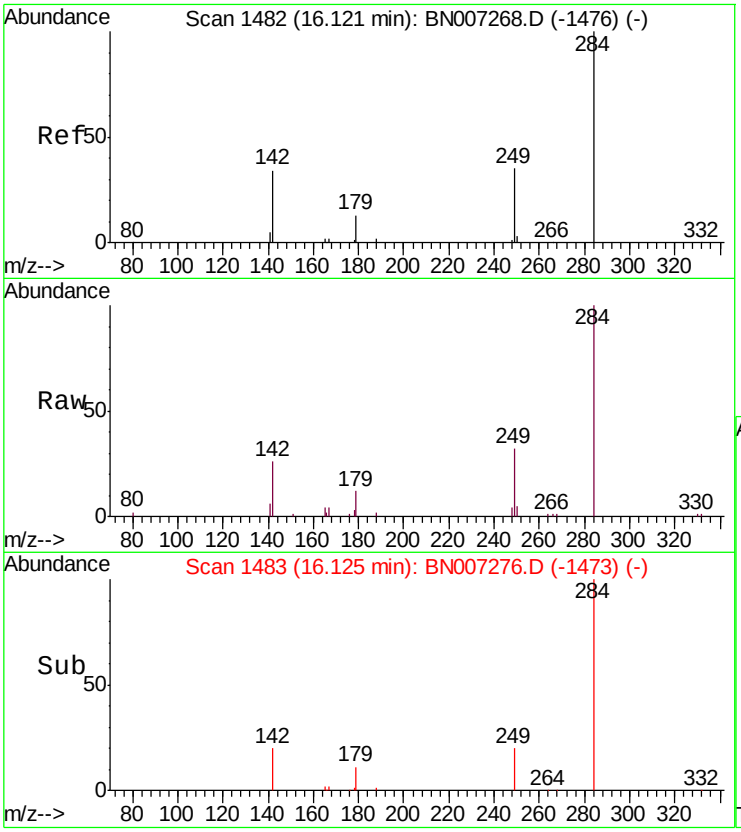


#20
4-Bromophenyl-phenylether
Concen: 0.422 ng
RT: 16.01 min Scan# 1472
Delta R.T. -0.01 min
Lab File: BN007276.D
Acq: 21 Aug 2019 03:01

Tgt Ion:248 Resp: 6478

Ion	Ratio	Lower	Upper
248	100		
250	91.7	79.6	119.4
141	78.2	45.1	67.7#



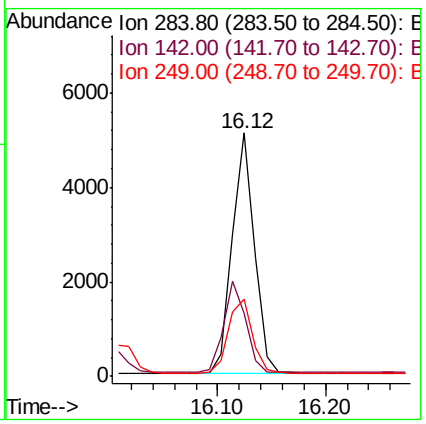


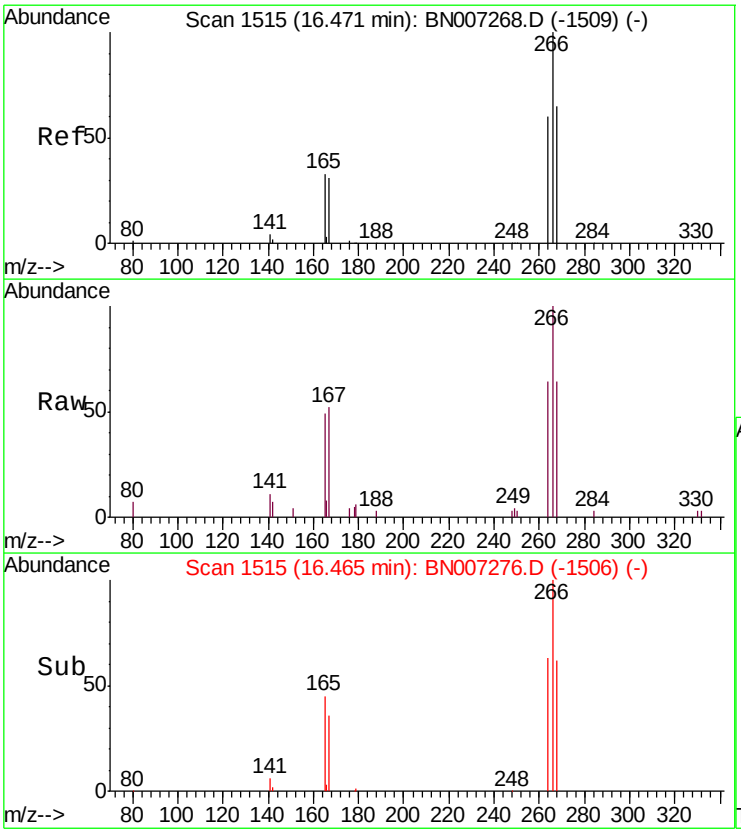
#21
Hexachlorobenzene
Concen: 0.411 ng
RT: 16.12 min Scan# 1483
Delta R.T. 0.00 min
Lab File: BN007276.D
Acq: 21 Aug 2019 03:01

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:284 Resp: 7302

Ion	Ratio	Lower	Upper
284	100		
142	37.8	29.5	44.3
249	32.9	26.2	39.4

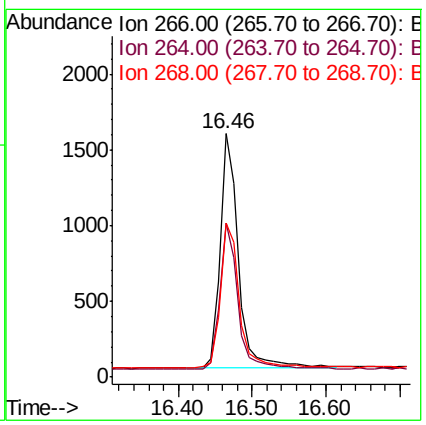


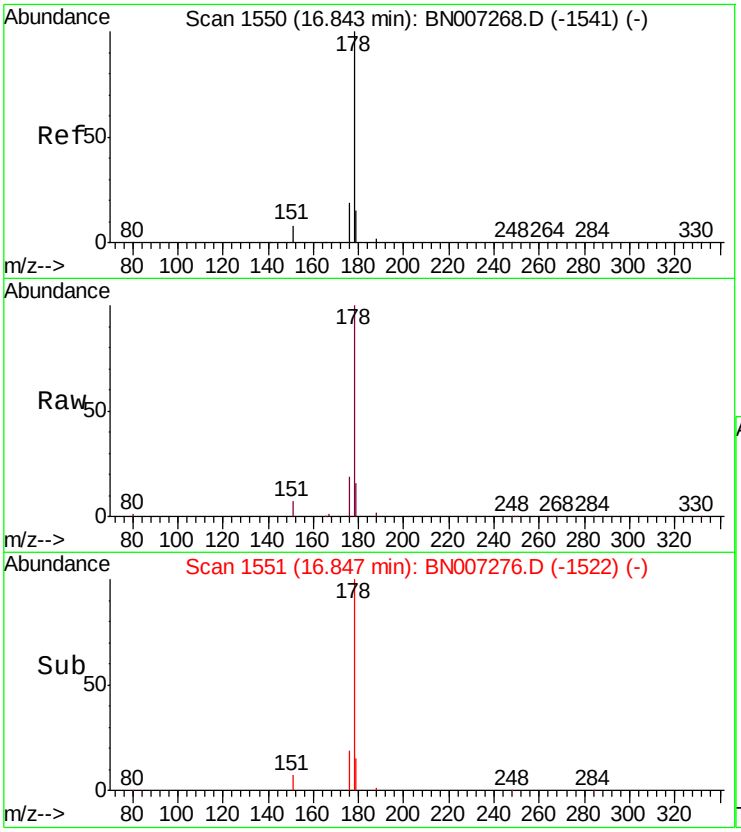


#22
Pentachlorophenol
Concen: 0.385 ng
RT: 16.46 min Scan# 1515
Delta R.T. -0.01 min
Lab File: BN007276.D
Acq: 21 Aug 2019 03:01

Tgt Ion:266 Resp: 2745

Ion	Ratio	Lower	Upper
266	100		
264	63.5	48.7	73.1
268	63.5	53.5	80.3



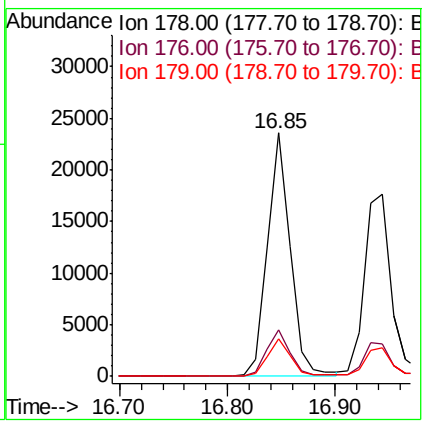


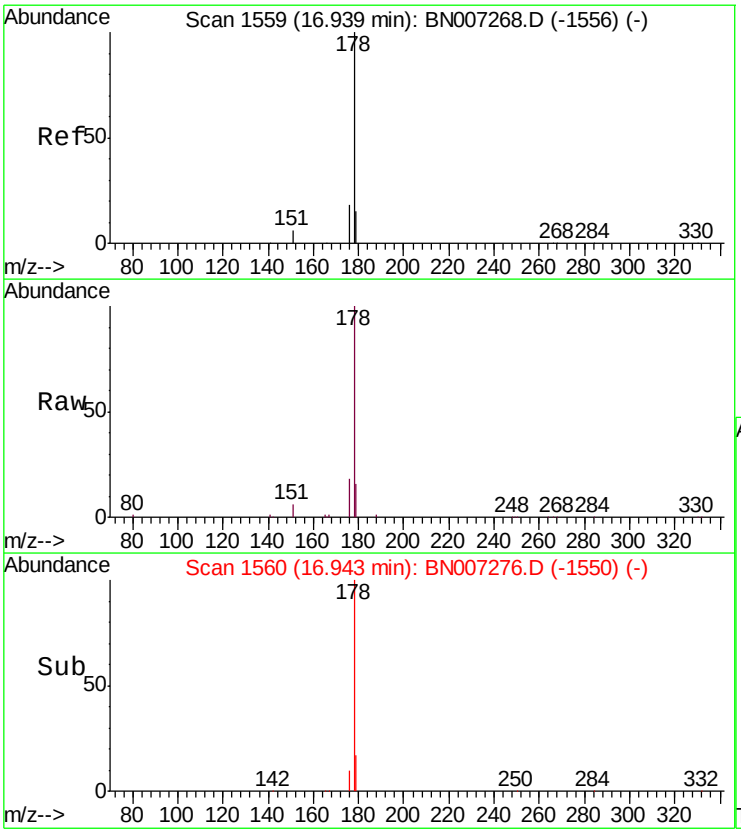
#23
Phenanthrene
Concen: 0.408 ng
RT: 16.85 min Scan# 1551
Delta R.T. 0.00 min
Lab File: BN007276.D
Acq: 21 Aug 2019 03:01

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:178 Resp: 34310

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.2	22.8
179	15.3	12.3	18.5

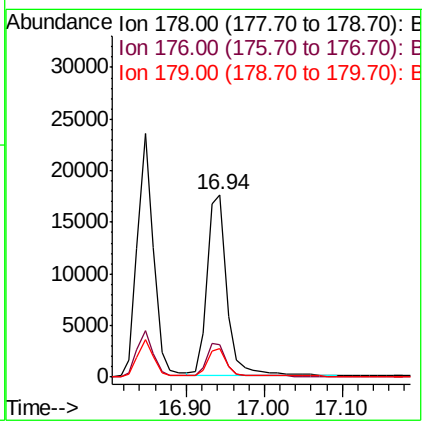


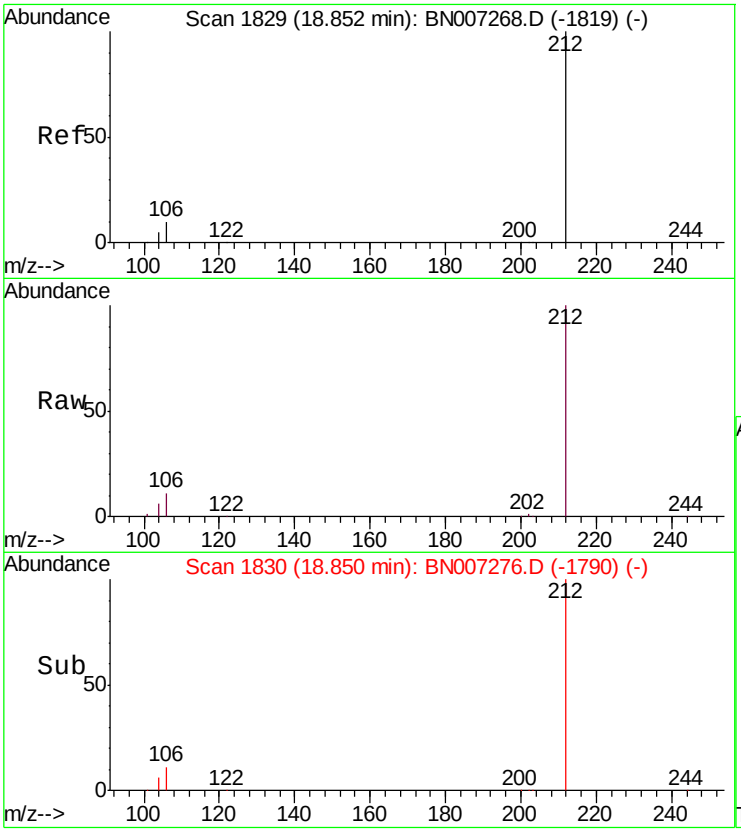


#24
Anthracene
Concen: 0.403 ng
RT: 16.94 min Scan# 1560
Delta R.T. 0.00 min
Lab File: BN007276.D
Acq: 21 Aug 2019 03:01

Tgt Ion:178 Resp: 30494

Ion	Ratio	Lower	Upper
178	100		
176	18.3	14.3	21.5
179	15.4	12.3	18.5



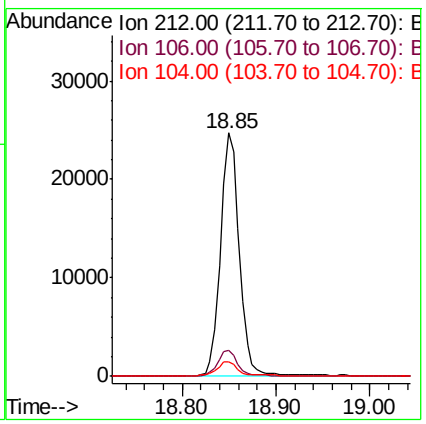


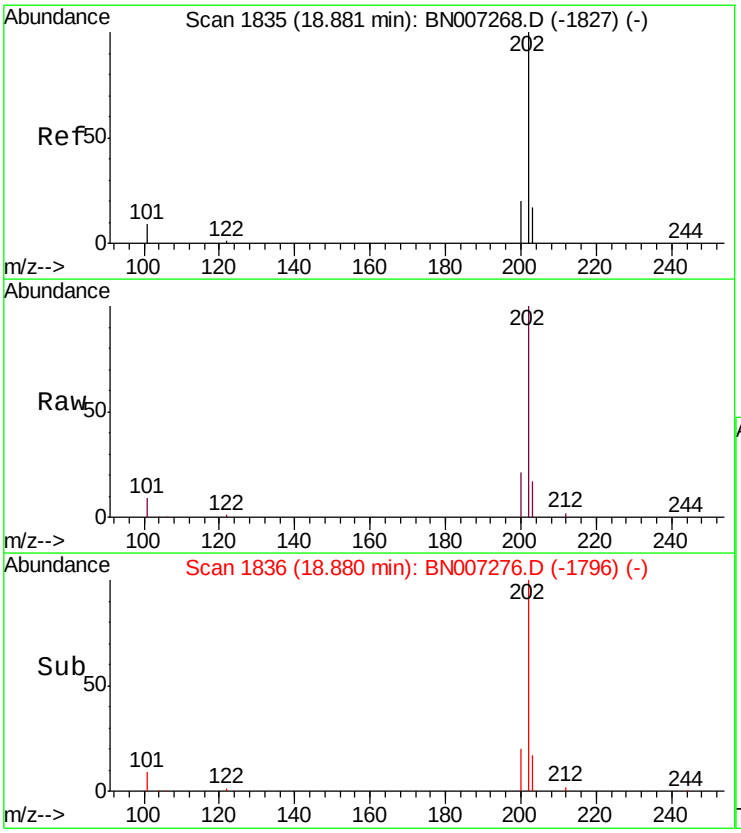
#25
Fluoranthene-d10
Concen: 0.400 ng
RT: 18.85 min Scan# 1830
Delta R.T. -0.00 min
Lab File: BN007276.D
Acq: 21 Aug 2019 03:01

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:212 Resp: 34006

Ion	Ratio	Lower	Upper
212	100		
106	10.5	8.2	12.4
104	5.8	4.7	7.1

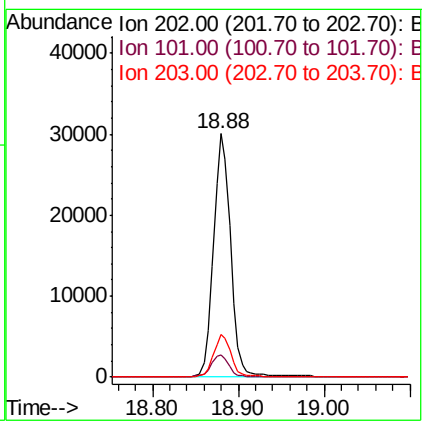


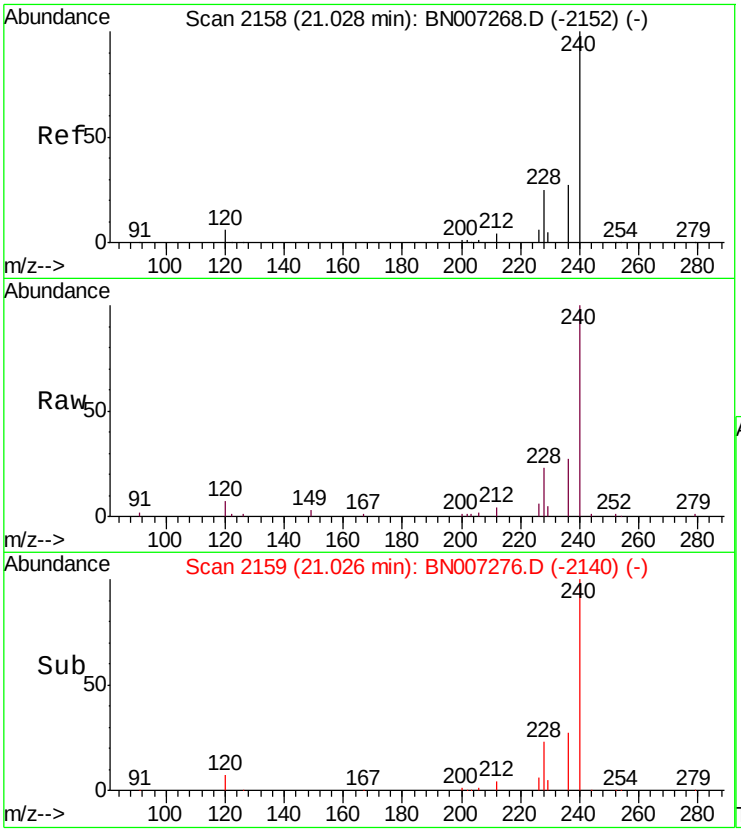


#26
Fluoranthene
Concen: 0.401 ng
RT: 18.88 min Scan# 1836
Delta R.T. -0.00 min
Lab File: BN007276.D
Acq: 21 Aug 2019 03:01

Tgt Ion:202 Resp: 40865

Ion	Ratio	Lower	Upper
202	100		
101	9.0	7.2	10.8
203	17.0	13.8	20.6



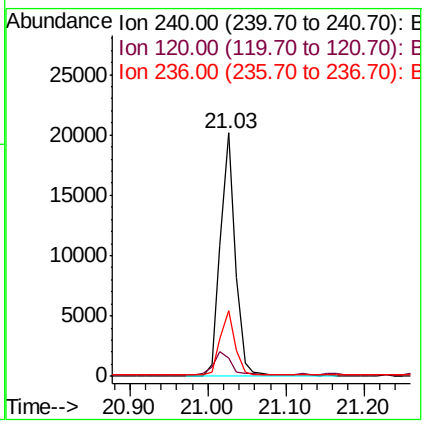


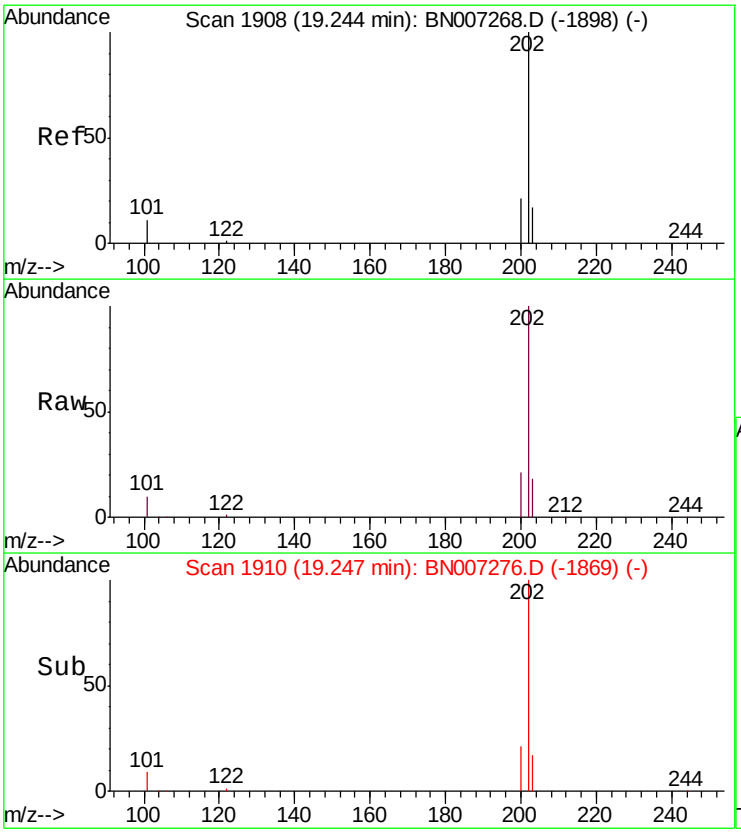
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.03 min Scan# 2159
Delta R.T. -0.00 min
Lab File: BN007276.D
Acq: 21 Aug 2019 03:01

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:240 Resp: 26508

Ion	Ratio	Lower	Upper
240	100		
120	7.4	5.6	8.4
236	27.0	21.6	32.4

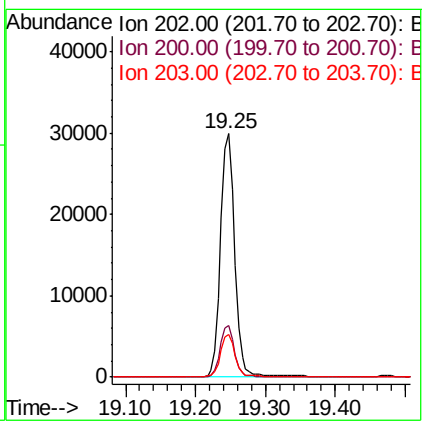


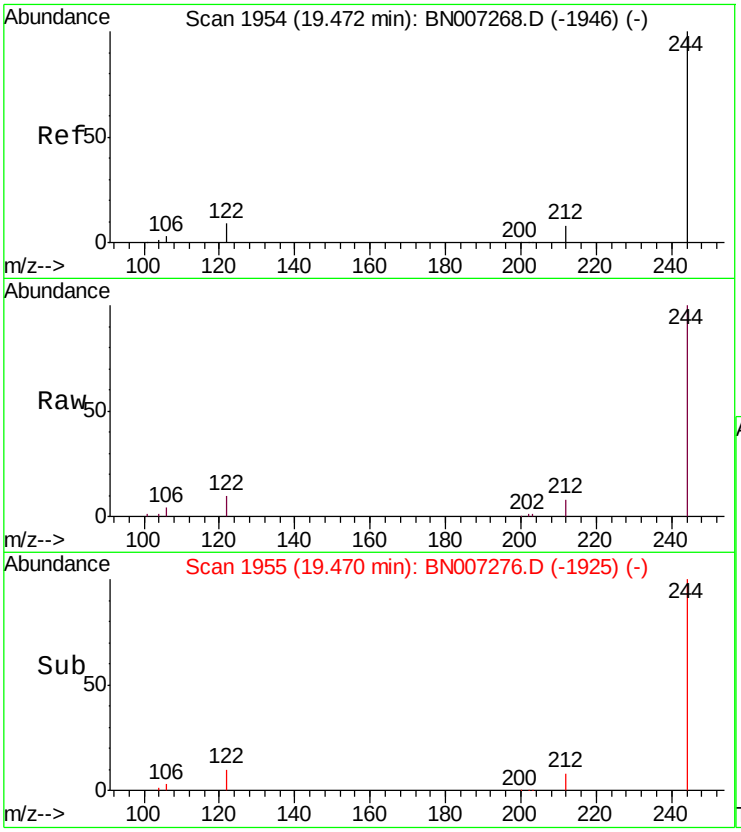


#28
Pyrene
Concen: 0.420 ng
RT: 19.25 min Scan# 1910
Delta R.T. 0.00 min
Lab File: BN007276.D
Acq: 21 Aug 2019 03:01

Tgt Ion:202 Resp: 41657

Ion	Ratio	Lower	Upper
202	100		
200	20.8	16.7	25.1
203	17.5	13.9	20.9



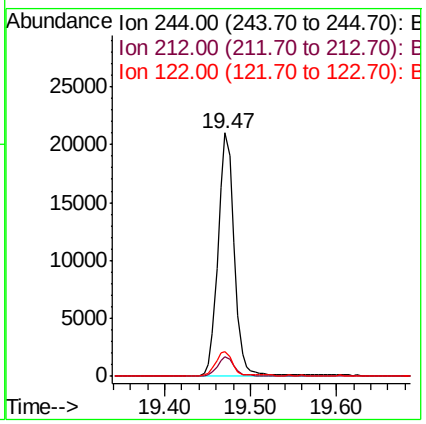


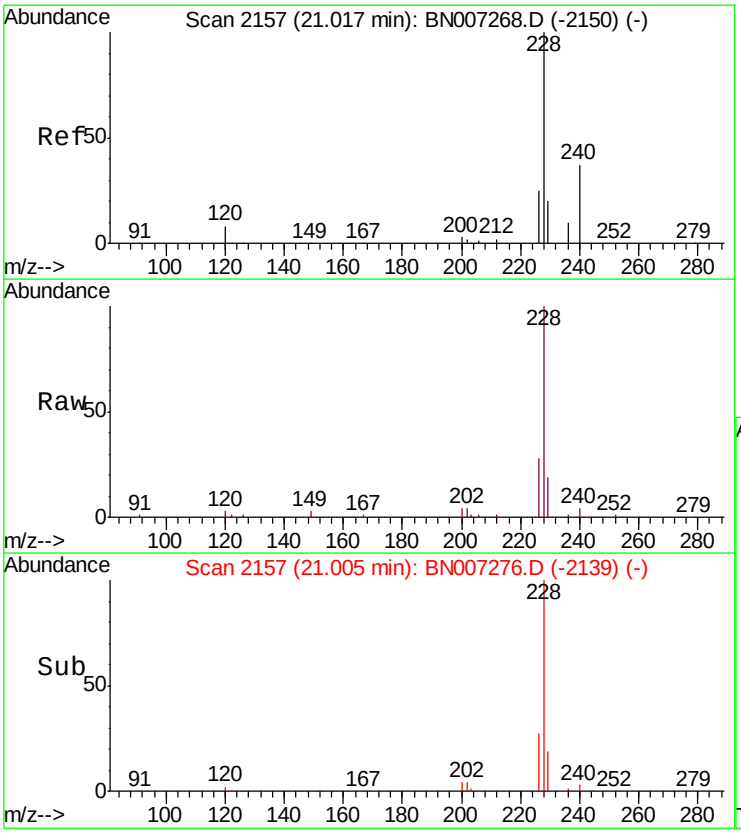
#29
Terphenyl-d14
Concen: 0.411 ng
RT: 19.47 min Scan# 1955
Delta R.T. -0.00 min
Lab File: BN007276.D
Acq: 21 Aug 2019 03:01

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:244 Resp: 27261

Ion	Ratio	Lower	Upper
244	100		
212	8.1	6.5	9.7
122	10.3	7.9	11.9

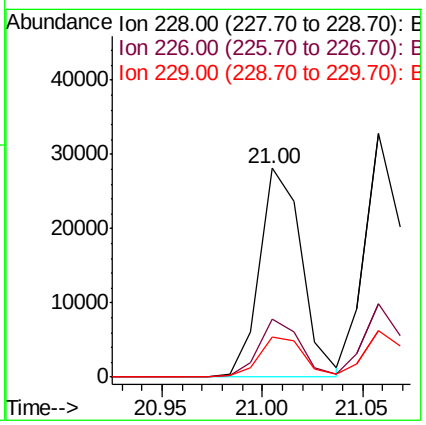


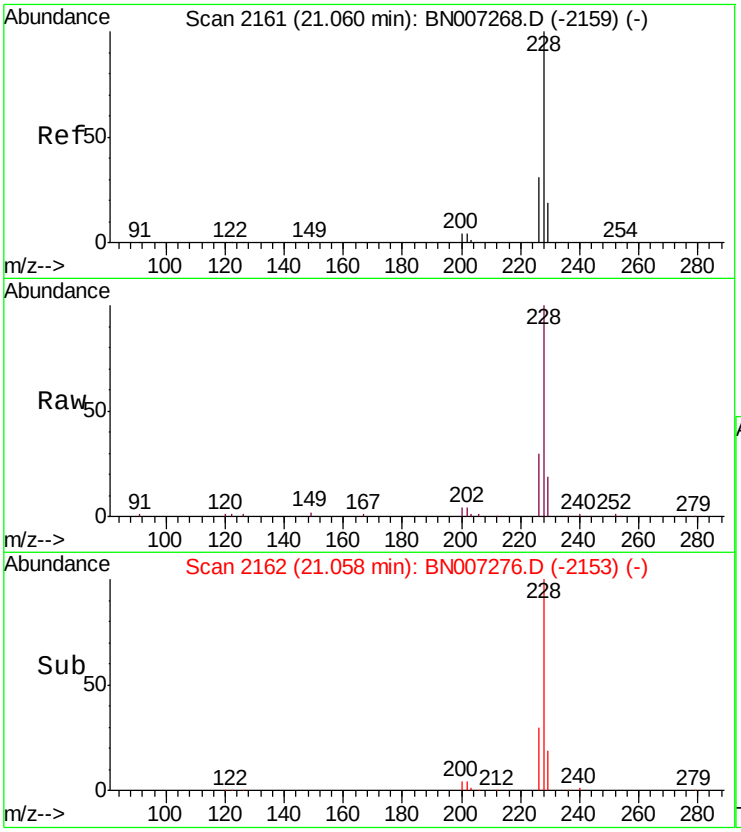


#30
Benzo(a)anthracene
Concen: 0.413 ng
RT: 21.00 min Scan# 2157
Delta R.T. -0.01 min
Lab File: BN007276.D
Acq: 21 Aug 2019 03:01

Tgt Ion:228 Resp: 40697

Ion	Ratio	Lower	Upper
228	100		
226	27.6	20.6	30.8
229	19.5	16.9	25.3



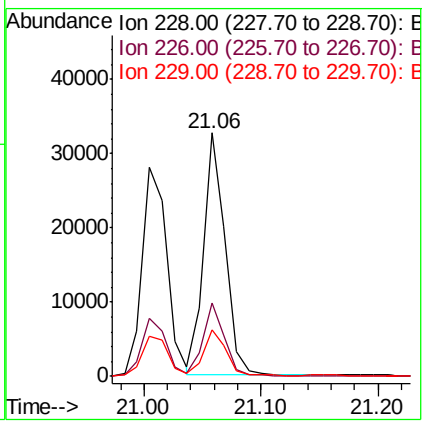


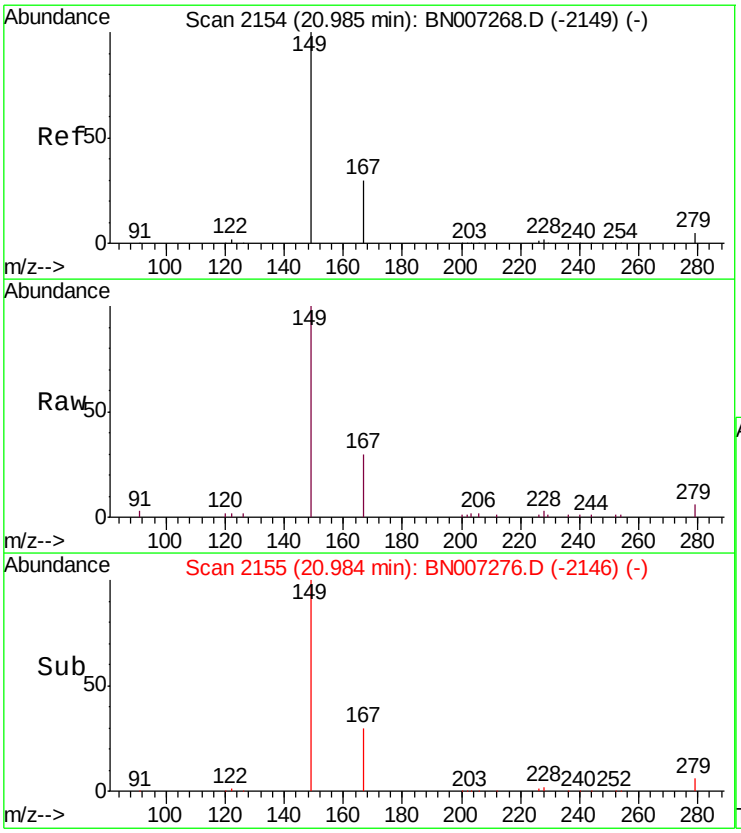
#31
Chrysene
Concen: 0.417 ng
RT: 21.06 min Scan# 2162
Delta R.T. -0.00 min
Lab File: BN007276.D
Acq: 21 Aug 2019 03:01

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:228 Resp: 41931

Ion	Ratio	Lower	Upper
228	100		
226	30.2	24.6	36.8
229	19.4	15.6	23.4

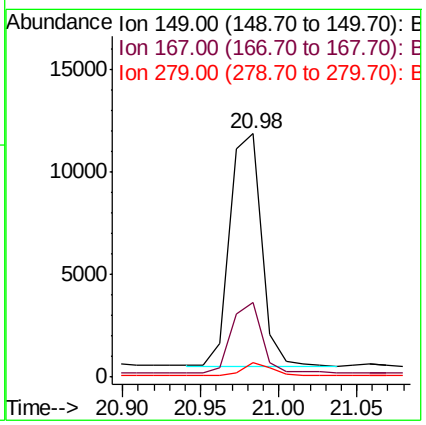


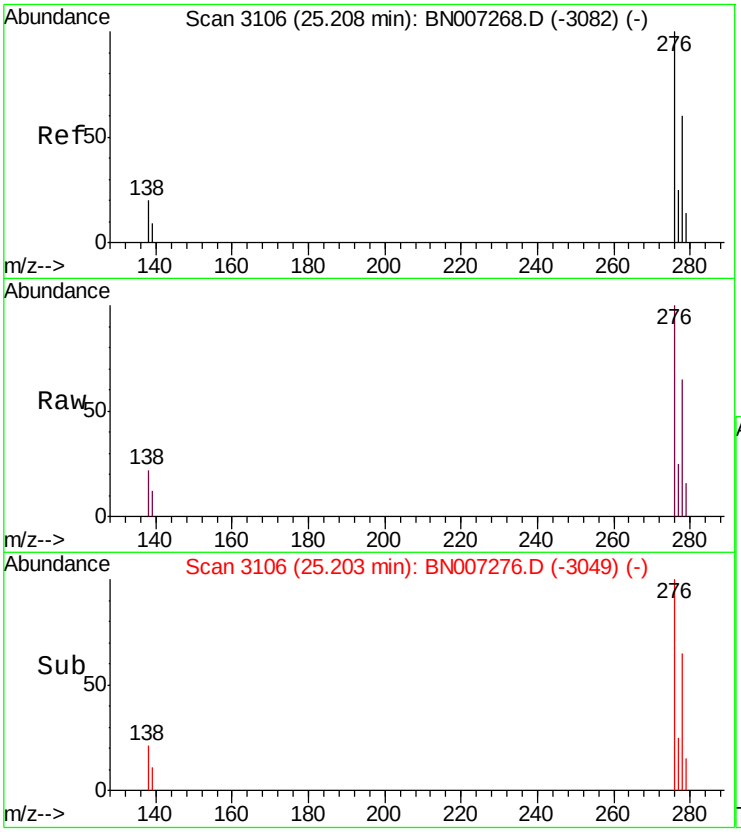


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.403 ng
RT: 20.98 min Scan# 2155
Delta R.T. -0.00 min
Lab File: BN007276.D
Acq: 21 Aug 2019 03:01

Tgt Ion:149 Resp: 15869

Ion	Ratio	Lower	Upper
149	100		
167	29.4	23.8	35.6
279	4.8	3.8	5.8



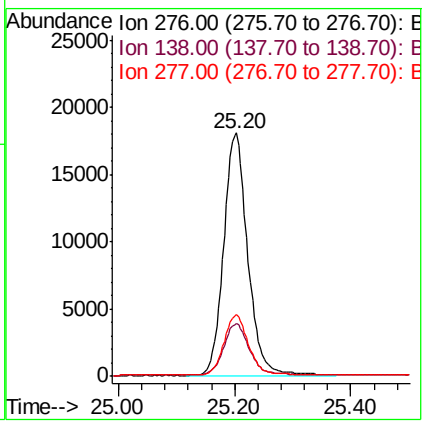


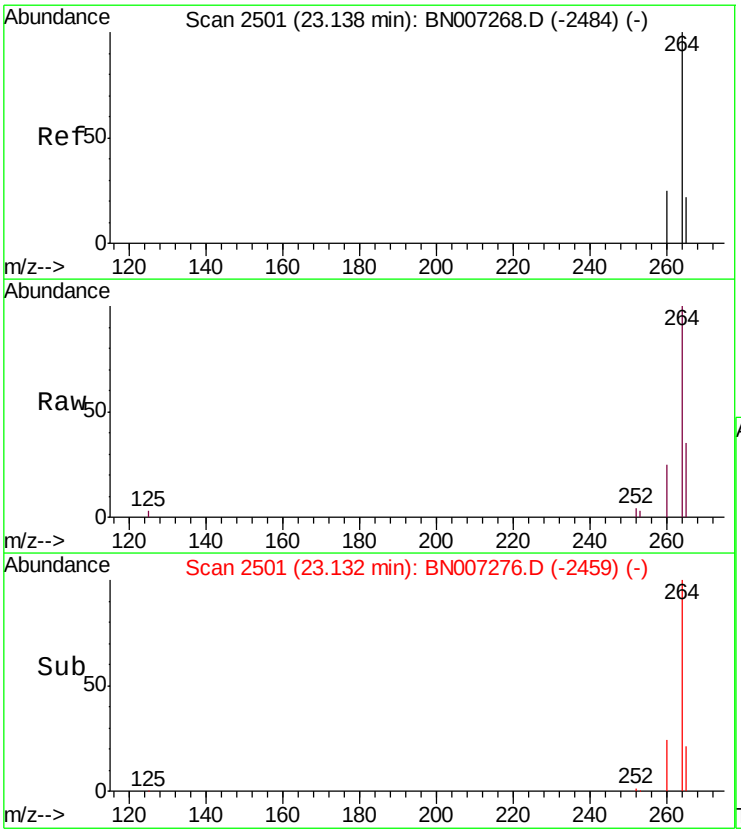
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.428 ng
RT: 25.20 min Scan# 3106
Delta R.T. -0.01 min
Lab File: BN007276.D
Acq: 21 Aug 2019 03:01

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:276 Resp: 51758

Ion	Ratio	Lower	Upper
276	100		
138	22.0	17.1	25.7
277	25.0	20.1	30.1

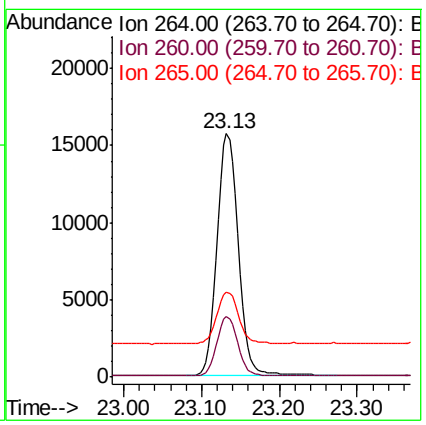


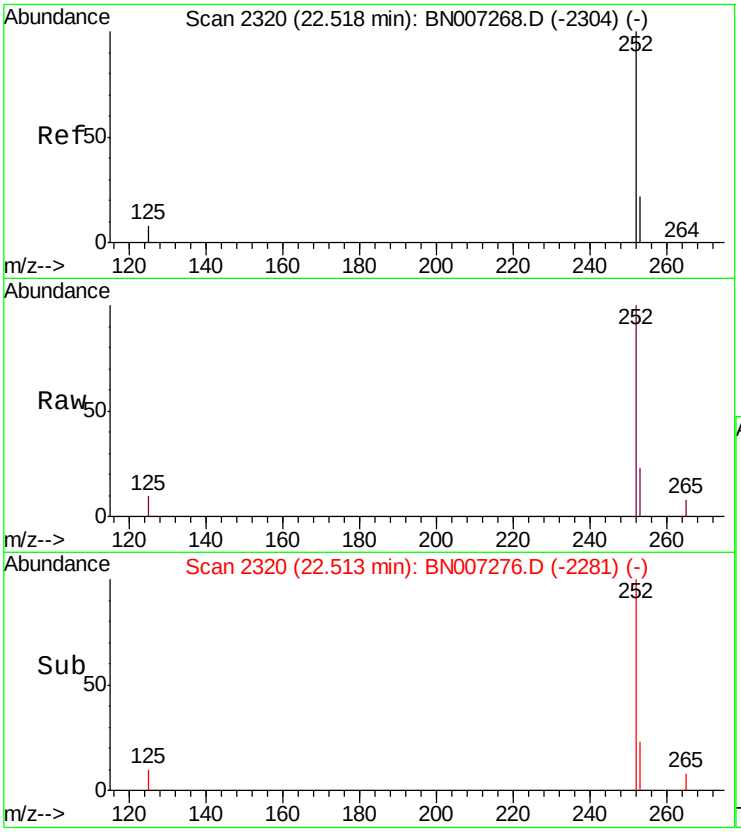


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.13 min Scan# 2501
Delta R.T. -0.01 min
Lab File: BN007276.D
Acq: 21 Aug 2019 03:01

Tgt Ion:264 Resp: 29557

Ion	Ratio	Lower	Upper
264	100		
260	24.7	20.1	30.1
265	35.1	29.0	43.6



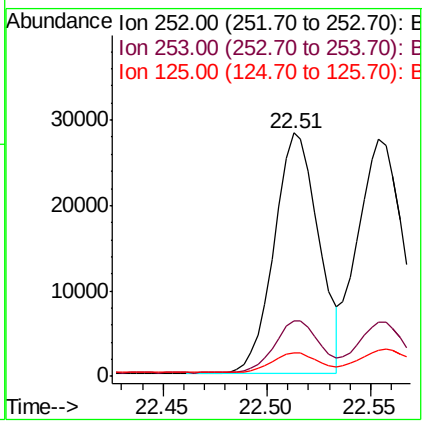


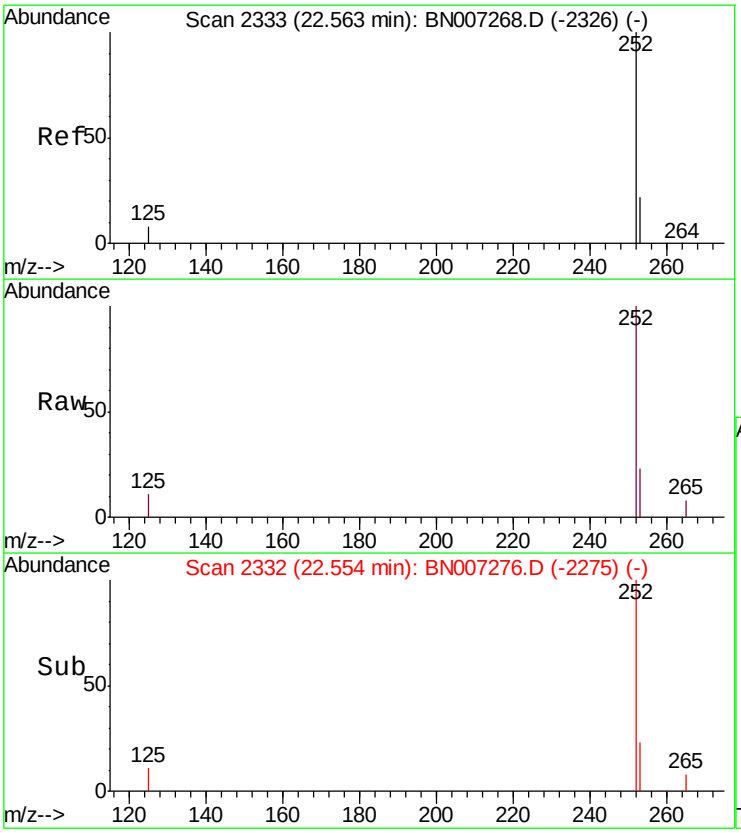
#35
Benzo(b)fluoranthene
Concen: 0.381 ng
RT: 22.51 min Scan# 2320
Delta R.T. -0.01 min
Lab File: BN007276.D
Acq: 21 Aug 2019 03:01

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:252 Resp: 41979

Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.5	27.7
125	9.8	7.8	11.6

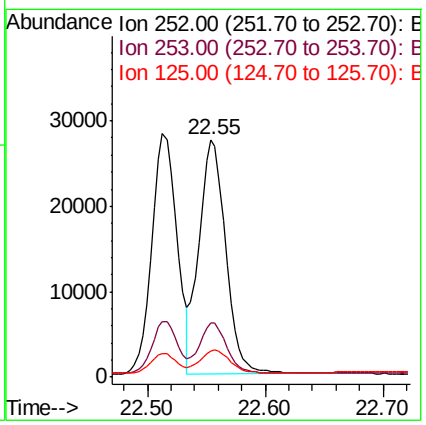


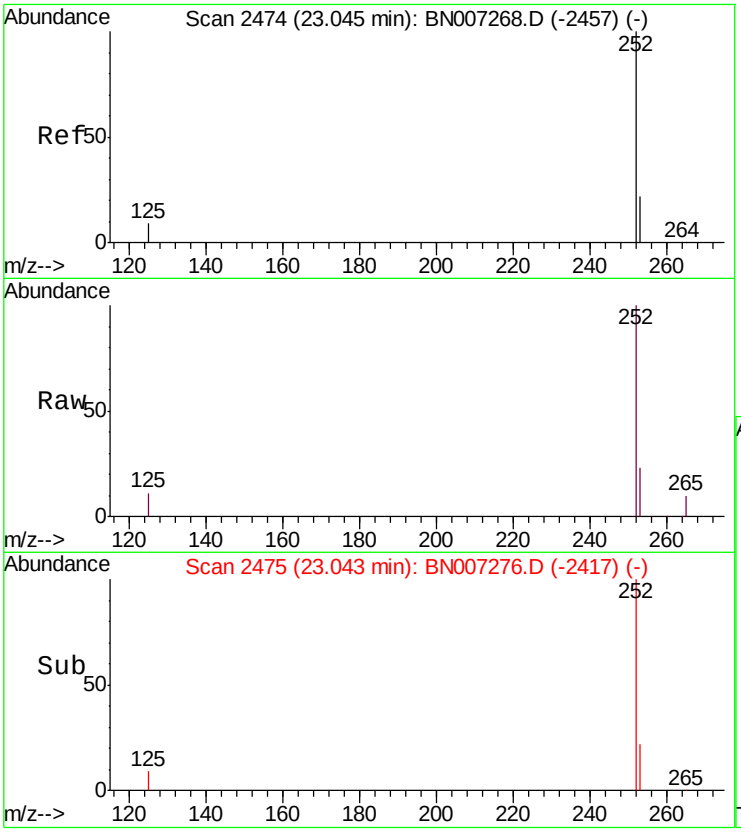


#36
Benzo(k)fluoranthene
Concen: 0.402 ng
RT: 22.55 min Scan# 2332
Delta R.T. -0.01 min
Lab File: BN007276.D
Acq: 21 Aug 2019 03:01

Tgt Ion:252 Resp: 43441

Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.4	27.6
125	11.1	8.0	12.0



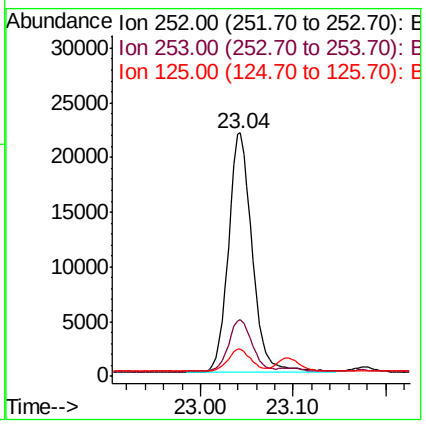


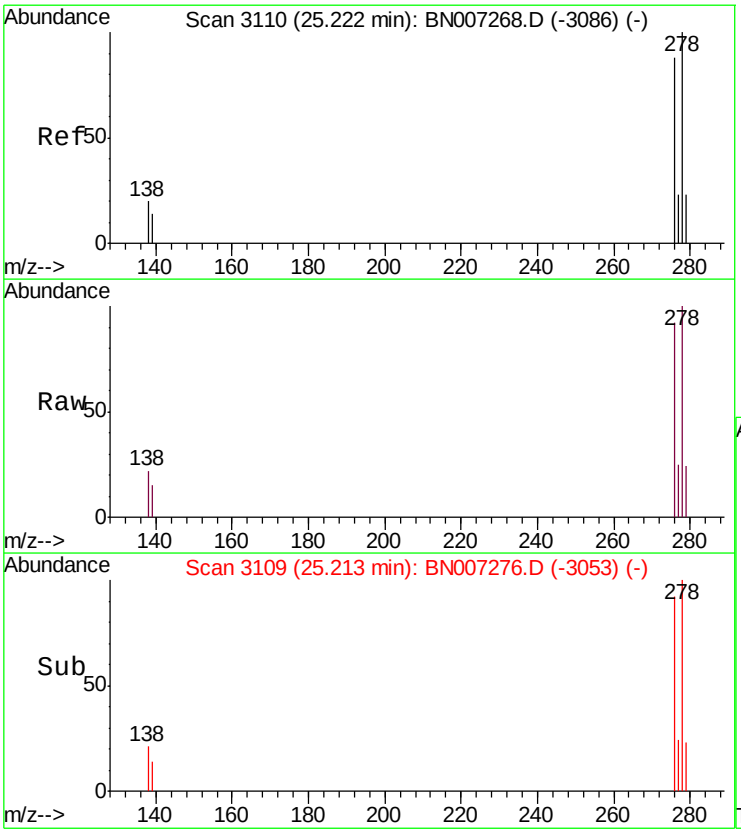
#37
Benzo(a)pyrene
Concen: 0.397 ng
RT: 23.04 min Scan# 2475
Delta R.T. -0.00 min
Lab File: BN007276.D
Acq: 21 Aug 2019 03:01

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:252 Resp: 39418

Ion	Ratio	Lower	Upper
252	100		
253	23.3	18.7	28.1
125	11.1	8.7	13.1

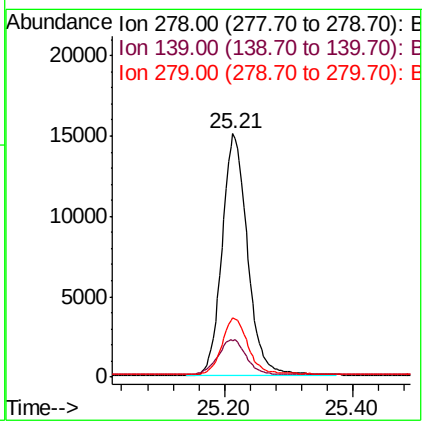


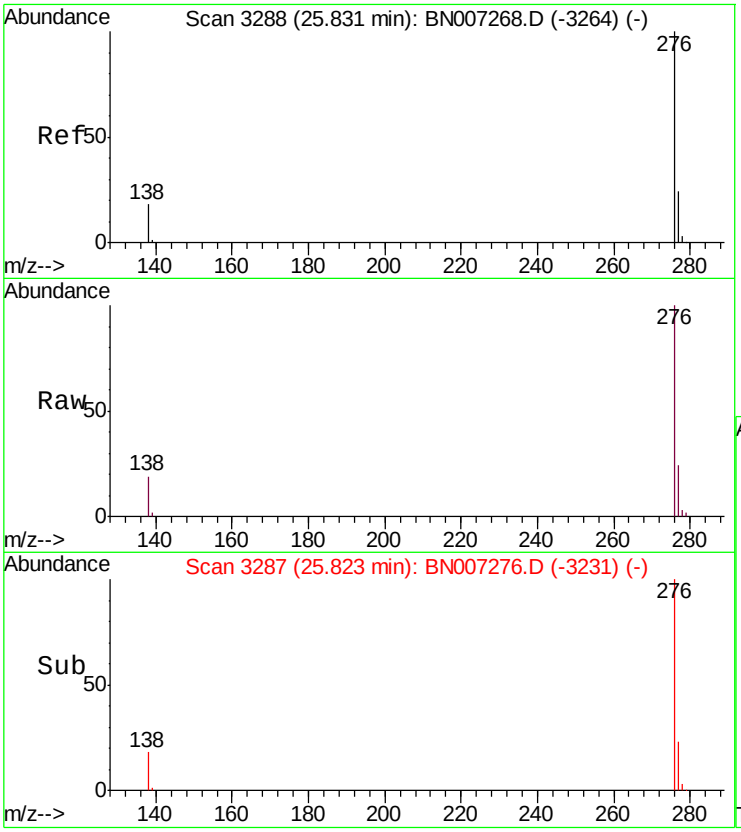


#38
Dibenzo(a,h)anthracene
Concen: 0.400 ng
RT: 25.21 min Scan# 3109
Delta R.T. -0.01 min
Lab File: BN007276.D
Acq: 21 Aug 2019 03:01

Tgt Ion:278 Resp: 41774

Ion	Ratio	Lower	Upper
278	100		
139	15.1	11.8	17.8
279	24.1	19.8	29.6





#39
Benzo(g,h,i)perylene
Concen: 0.389 ng
RT: 25.82 min Scan# 3287
Delta R.T. -0.01 min
Lab File: BN007276.D
Acq: 21 Aug 2019 03:01

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:276 Resp: 41074

Ion	Ratio	Lower	Upper
276	100		
277	24.2	19.5	29.3
138	19.0	15.3	22.9