Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN082919\

Quantitation Report (Not Reviewed)

Data File : BN007510.D
Acq On : 29 Aug 2019 19:54
Operator : HP/JU
Sample : PB122534BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : PB122534BS

Quant Time: Aug 30 02:00:01 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN082319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 29 12:18:45 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.40	152	4745	0.40	ng		0.00
7) Naphthalene-d8	10.15	136	20931	0.40	ng		-0.01
13) Acenaphthene-d10	14.05	164	13543	0.40	ng		0.00
19) Phenanthrene-d10	16.79	188	36569	0.40	ng		0.00
27) Chrysene-d12	21.02	240	39108	0.40	ng		0.00
34) Perylene-d12	23.12	264	34937	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.03	112	5682	0.34	ng		0.00
5) Phenol-d6	6.59	99	7978	0.38	ng		0.00
8) Nitrobenzene-d5	8.53	82	5832	0.32	ng		0.00
11) 2-Methylnaphthalene-d10	11.75	152	14068	0.40	ng		0.00
14) 2,4,6-Tribromophenol	15.55	330	2623	0.37	ng		0.00
15) 2-Fluorobiphenyl	12.66	172	17153	0.31	ng		0.00
25) Fluoranthene-d10	18.84	212	43215	0.37	ng		0.00
29) Terphenyl-d14	19.46	244	33602	0.33	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.00	88	1783	0.226	ng	#	73
3) n-Nitrosodimethylamine	3.32	42	956	0.261	ng	#	76
6) bis(2-Chloroethyl)ether	6.83	93	5453	0.318	ng		96
9) Naphthalene	10.20	128	19160	0.320	ng	#	89
10) Hexachlorobutadiene	10.51	225	3279	0.268	ng	#	99
12) 2-Methylnaphthalene	11.83	142	13906	0.341	ng		95
16) Acenaphthylene	13.76	152	23913	0.298	ng		100
17) Acenaphthene	14.10	154	14764	0.315	ng		98
18) Fluorene	15.10	166	20054	0.338	ng		99
20) 4-Bromophenyl-phenylether	16.01	248	3577	0.248	ng		93
21) Hexachlorobenzene	16.11	284	7639	0.312	ng		95
22) Pentachlorophenol	16.46	266	2561	0.336	ng	#	65
23) Phenanthrene	16.84	178	35993	0.327	ng		99
24) Anthracene	16.93	178	34337	0.310	ng		99
26) Fluoranthene	18.87	202	48284	0.342	ng		99
28) Pyrene	19.24	202	49780	0.316	ng		99
30) Benzo(a)anthracene	20.99	228	45814	0.298	ng		98
31) Chrysene	21.05	228	46828	0.316	ng		99
32) Bis(2-ethylhexyl)phthalate	20.96	149	29392	0.277	ng		100
33) Indeno(1,2,3-cd)pyrene	25.19	276	40893	0.229	ng		98
35) Benzo(b)fluoranthene	22.50	252	40512	0.320	ng		97
36) Benzo(k)fluoranthene	22.54	252	44647	0.357	ng		98
37) Benzo(a)pyrene	23.03	252	38723	0.321	ng		97
38) Dibenzo(a,h)anthracene	25.20	278	32971	0.274	ng		99
39) Benzo(g,h,i)perylene	25.81	276	34192	0.286	ng		100

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

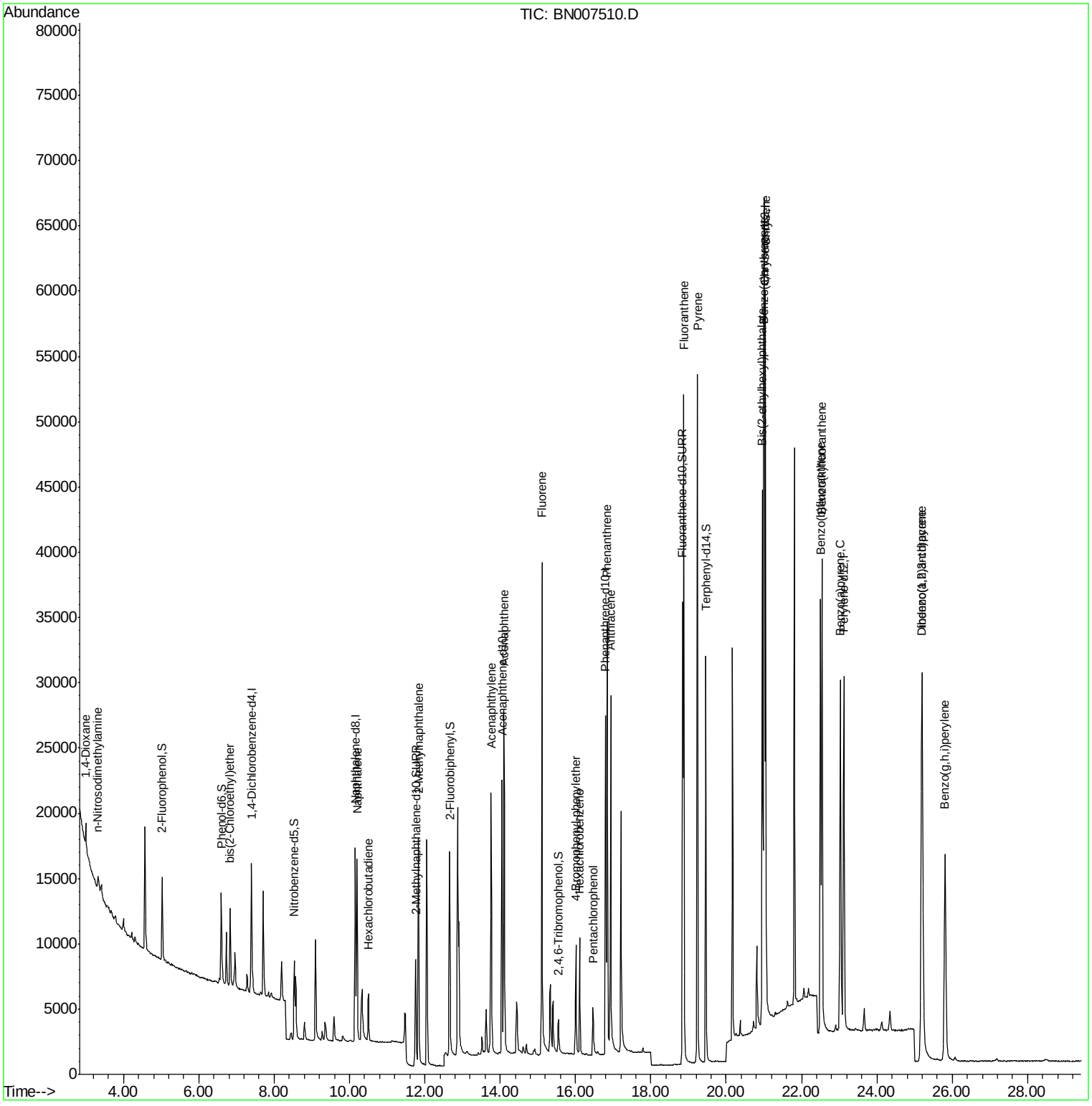
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN082919\

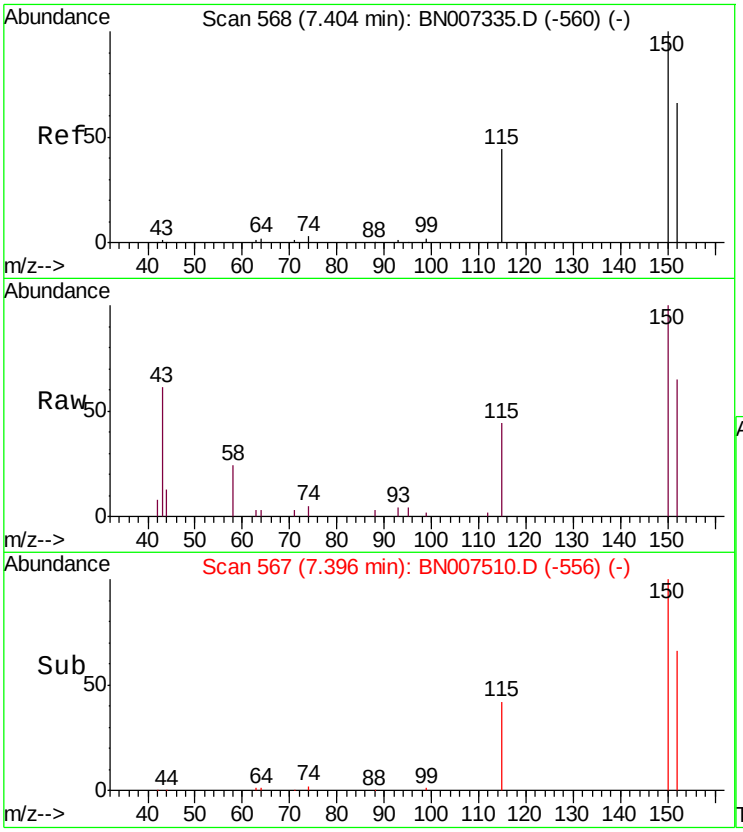
Quantitation Report (Not Reviewed)

Data File : BN007510.D
Acq On : 29 Aug 2019 19:54
Operator : HP/JU
Sample : PB122534BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB122534BS

Quant Time: Aug 30 02:00:01 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN082319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 29 12:18:45 2019
Response via : Initial Calibration



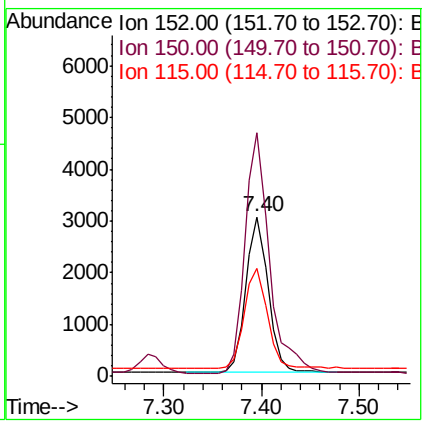


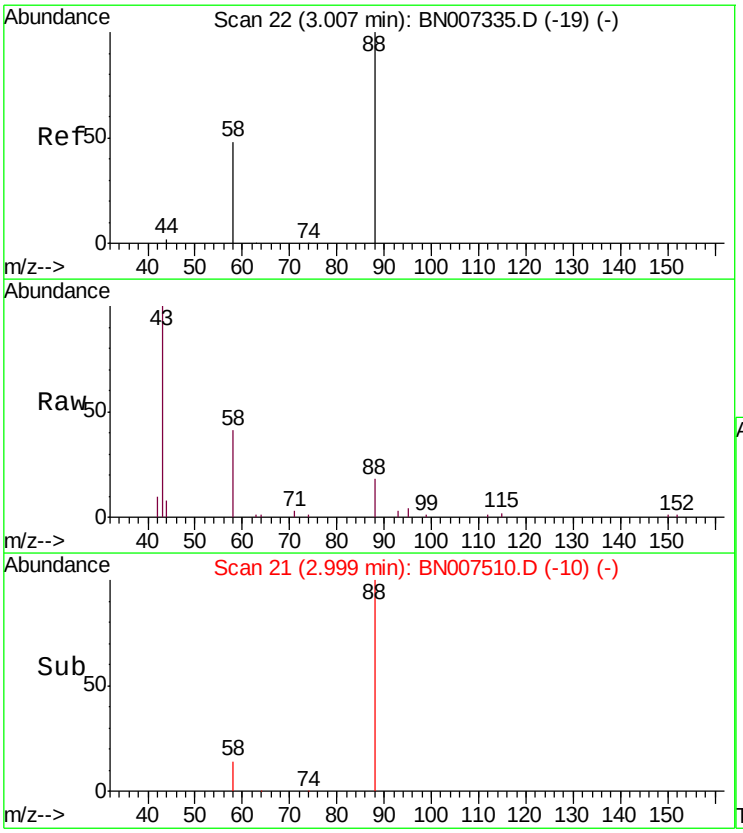
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.40 min Scan# 567
Delta R.T. -0.01 min
Lab File: BN007510.D
Acq: 29 Aug 2019 19:54

Instrument :
BNA_N
ClientSampleId :
PB122534BS

Tgt Ion:152 Resp: 4745

Ion	Ratio	Lower	Upper
152	100		
150	152.7	109.1	163.7
115	67.7	59.6	89.4

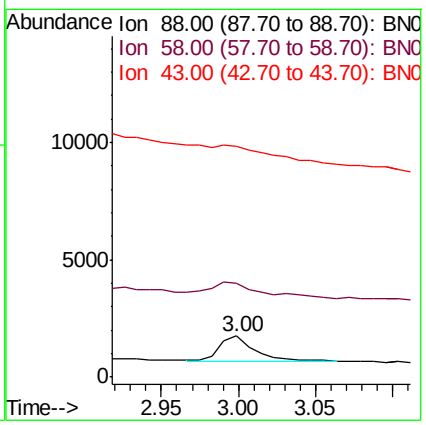


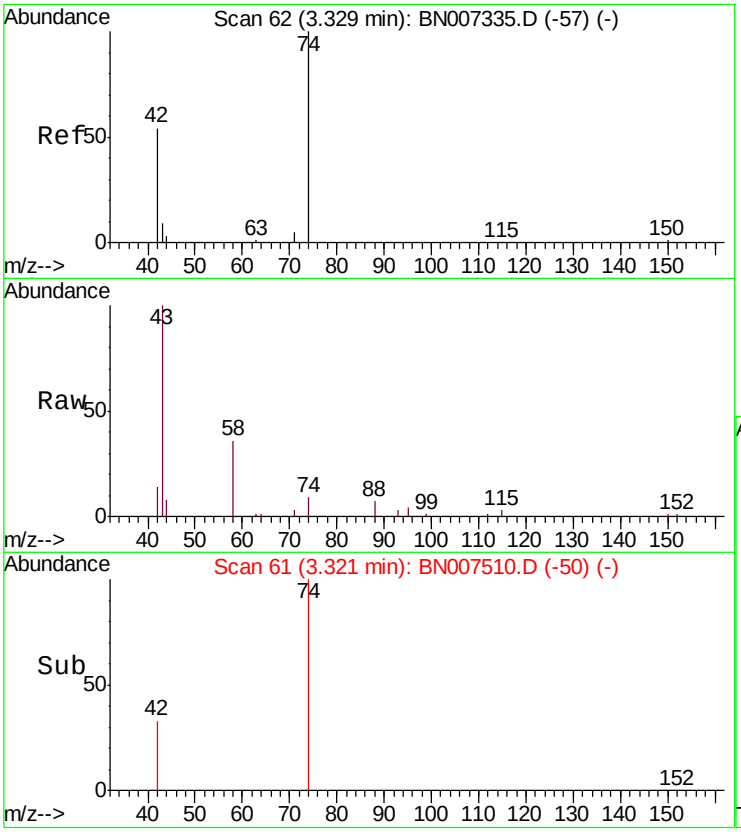


#2
1,4-Dioxane
Concen: 0.226 ng
RT: 3.00 min Scan# 21
Delta R.T. -0.01 min
Lab File: BN007510.D
Acq: 29 Aug 2019 19:54

Tgt Ion: 88 Resp: 1783

Ion	Ratio	Lower	Upper
88	100		
58	83.7	50.5	75.7#
43	0.0	0.0	0.0



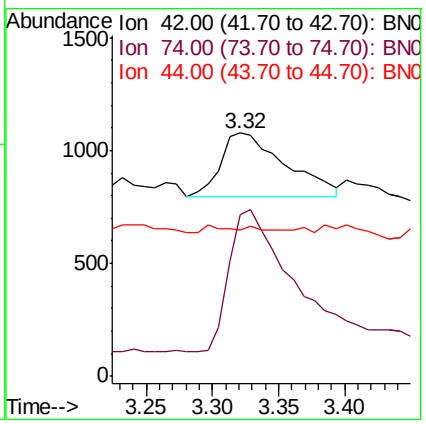


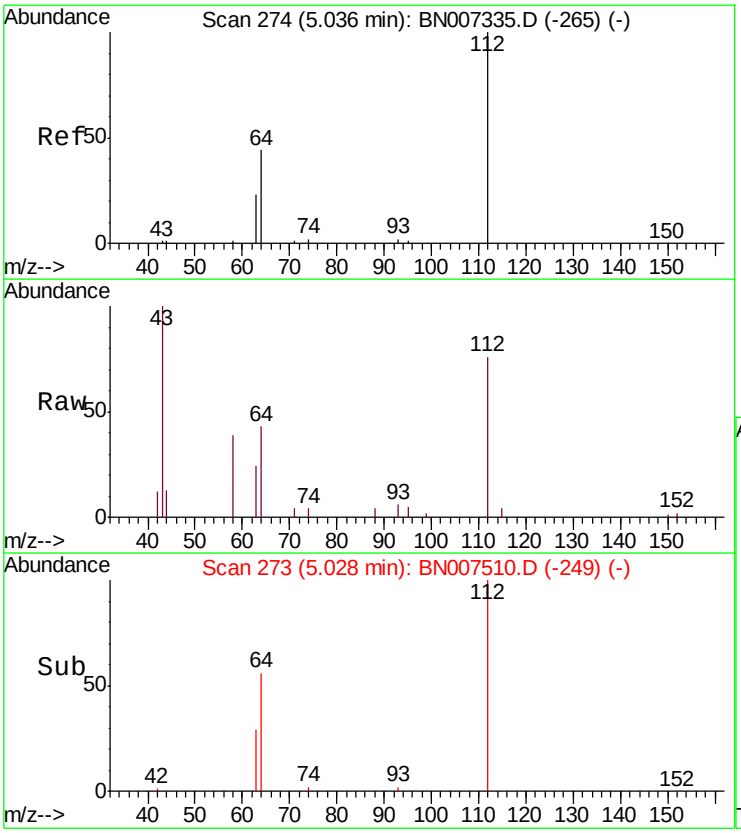
#3
n-Nitrosodimethylamine
Concen: 0.261 ng
RT: 3.32 min Scan# 61
Delta R.T. -0.01 min
Lab File: BN007510.D
Acq: 29 Aug 2019 19:54

Instrument :
BNA_N
ClientSampleId :
PB122534BS

Tgt Ion: 42 Resp: 956

Ion	Ratio	Lower	Upper
42	100		
74	215.1	144.7	217.1
44	3.1	3.2	4.8#

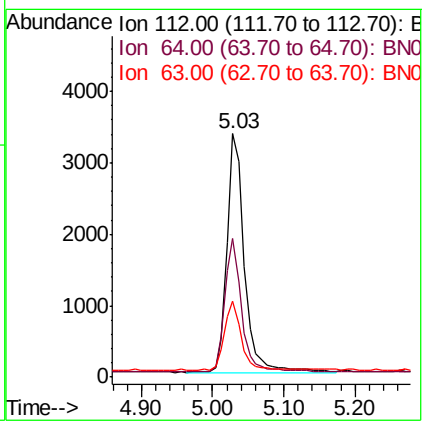


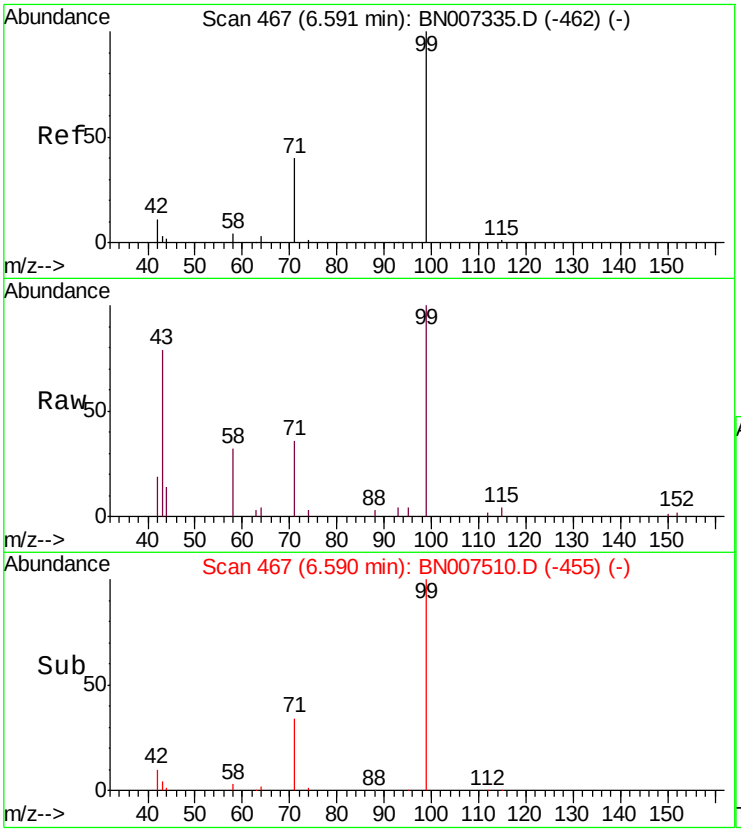


#4
2-Fluorophenol
Concen: 0.341 ng
RT: 5.03 min Scan# 273
Delta R.T. -0.01 min
Lab File: BN007510.D
Acq: 29 Aug 2019 19:54

Tgt Ion:112 Resp: 5682

Ion	Ratio	Lower	Upper
112	100		
64	54.5	42.3	63.5
63	27.3	23.6	35.4



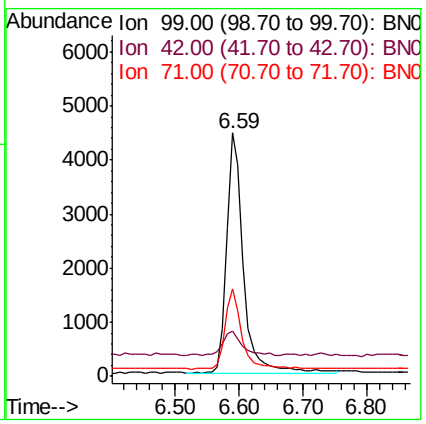


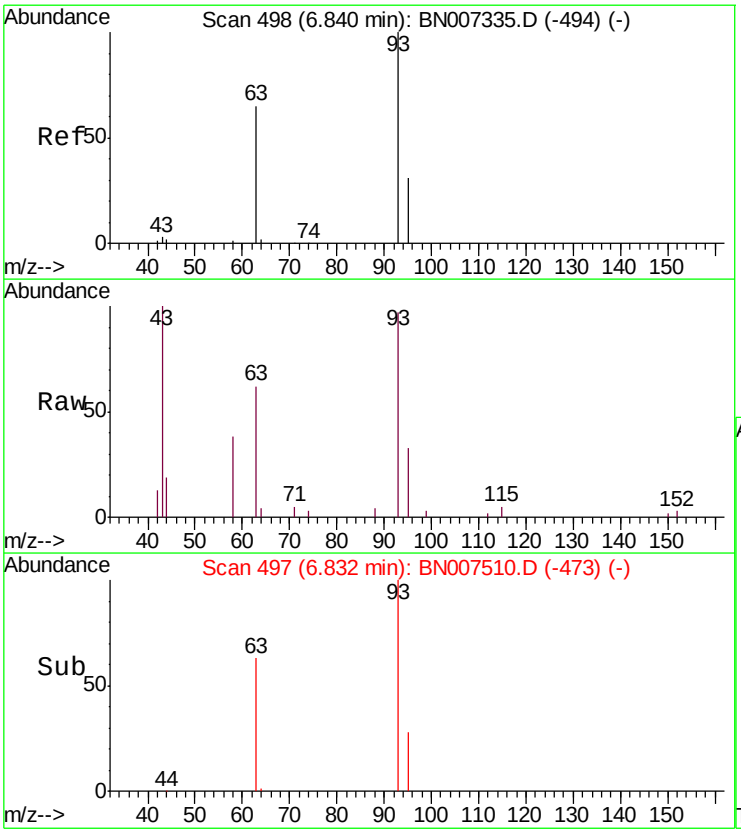
#5
Phenol-d6
Concen: 0.379 ng
RT: 6.59 min Scan# 467
Delta R.T. 0.00 min
Lab File: BN007510.D
Acq: 29 Aug 2019 19:54

Instrument :
BNA_N
ClientSampleId :
PB122534BS

Tgt Ion: 99 Resp: 7978

Ion	Ratio	Lower	Upper
99	100		
42	11.5	11.2	16.8
71	33.8	31.8	47.8

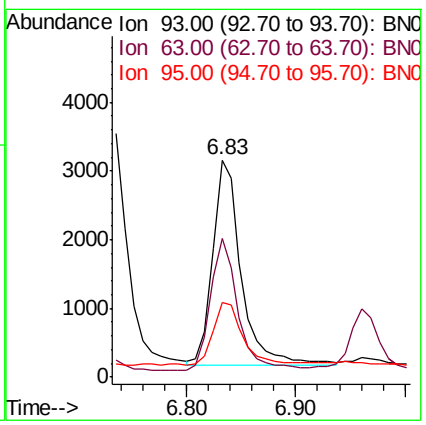


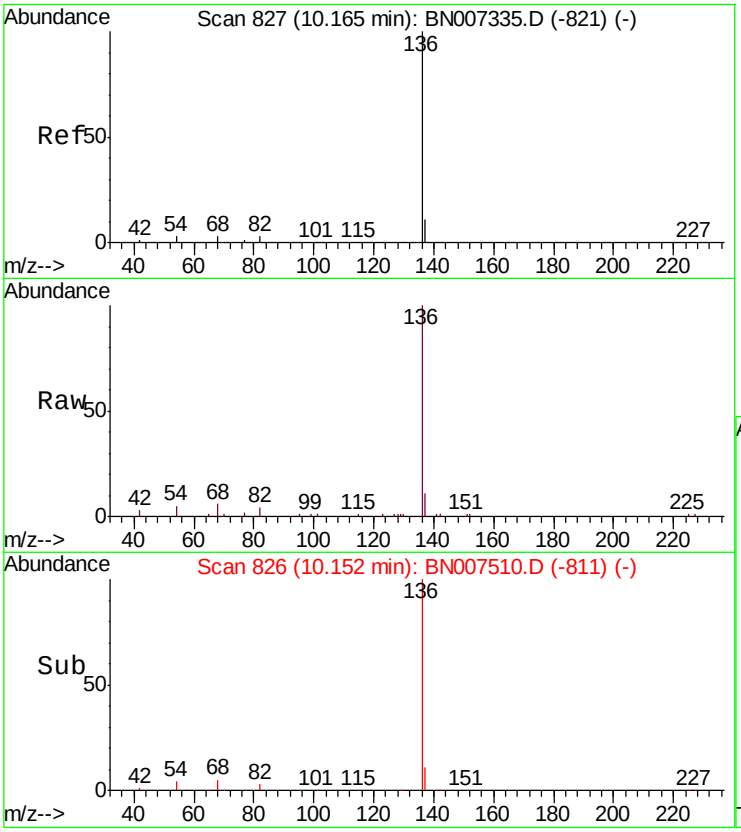


#6
bis(2-Chloroethyl)ether
Concen: 0.318 ng
RT: 6.83 min Scan# 497
Delta R.T. -0.01 min
Lab File: BN007510.D
Acq: 29 Aug 2019 19:54

Tgt Ion: 93 Resp: 5453

Ion	Ratio	Lower	Upper
93	100		
63	62.0	51.9	77.9
95	32.3	27.7	41.5



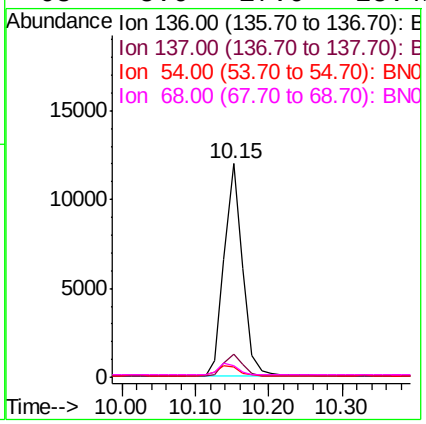


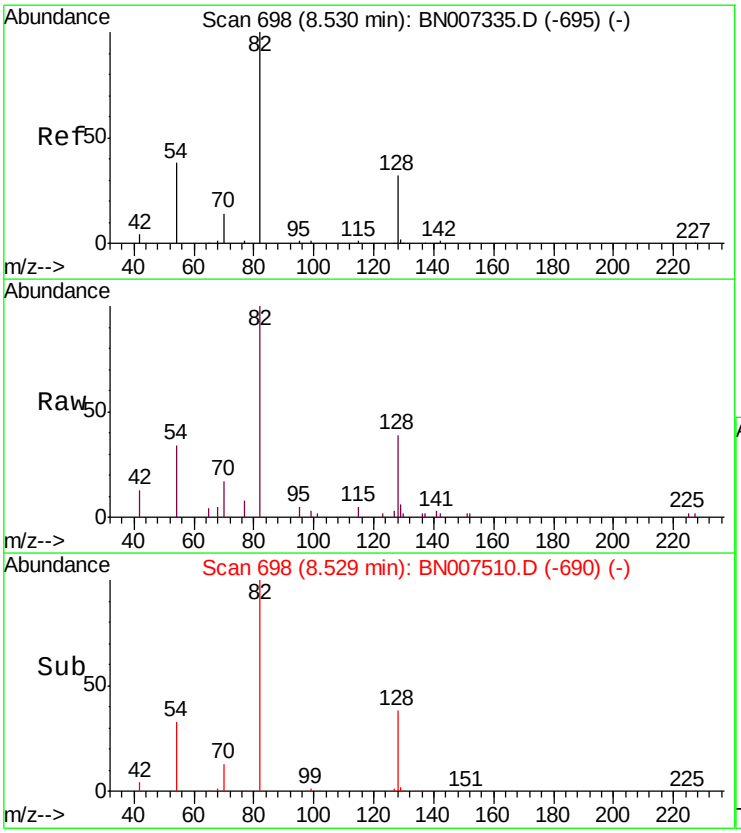
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.15 min Scan# 826
Delta R.T. -0.01 min
Lab File: BN007510.D
Acq: 29 Aug 2019 19:54

Instrument :
BNA_N
ClientSampleId :
PB122534BS

Tgt Ion:136 Resp: 20931

Ion	Ratio	Lower	Upper
136	100		
137	11.1	12.9	19.3#
54	4.5	8.6	12.8#
68	5.6	17.0	25.4#

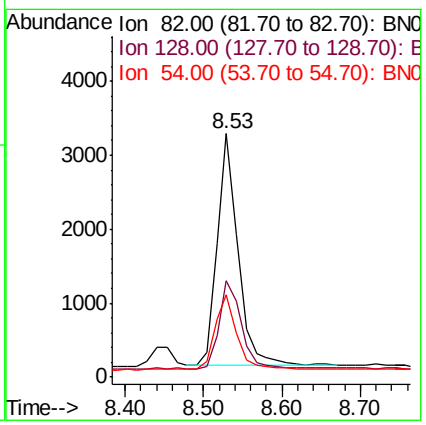


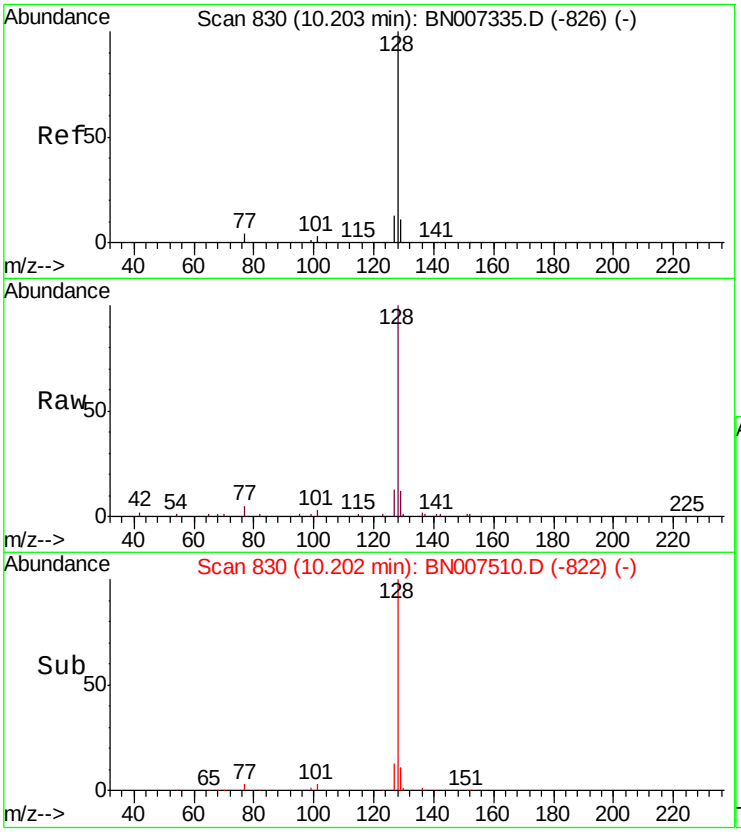


#8
Nitrobenzene-d5
Concen: 0.320 ng
RT: 8.53 min Scan# 698
Delta R.T. 0.00 min
Lab File: BN007510.D
Acq: 29 Aug 2019 19:54

Tgt Ion: 82 Resp: 5832

Ion	Ratio	Lower	Upper
82	100		
128	39.5	19.7	29.5#
54	33.8	25.8	38.6



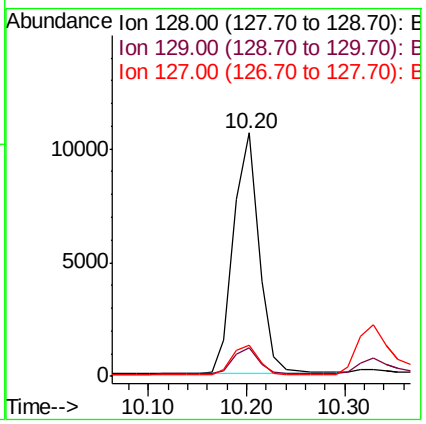


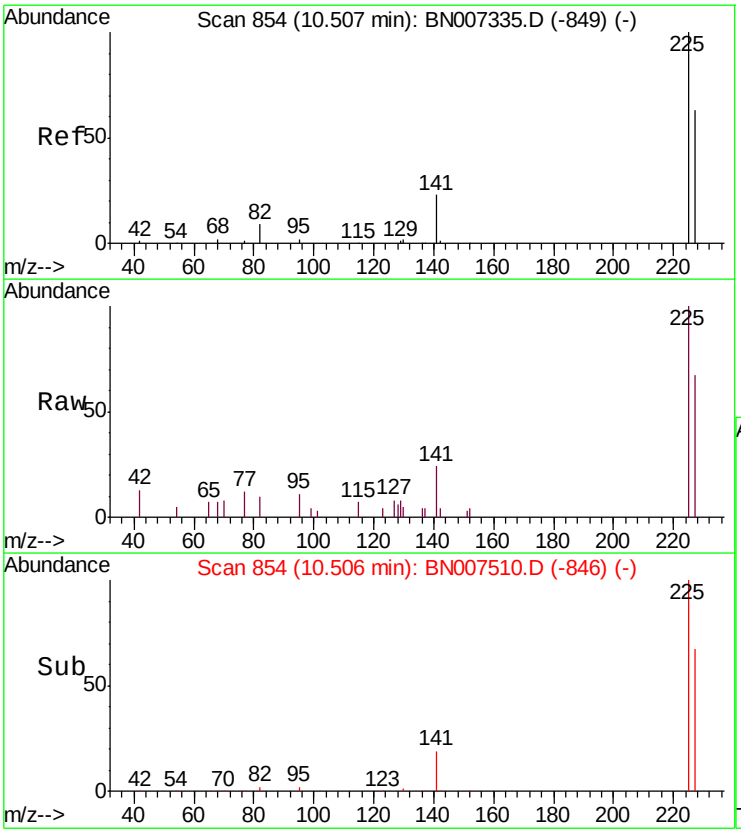
#9
Naphthalene
Concen: 0.320 ng
RT: 10.20 min Scan# 830
Delta R.T. -0.00 min
Lab File: BN007510.D
Acq: 29 Aug 2019 19:54

Instrument :
BNA_N
ClientSampleId :
PB122534BS

Tgt Ion:128 Resp: 19160

Ion	Ratio	Lower	Upper
128	100		
129	11.6	11.1	16.7
127	13.0	15.5	23.3#

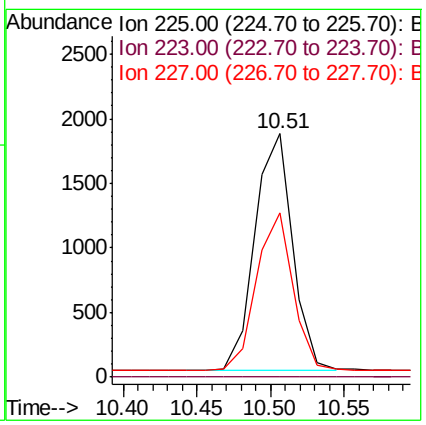


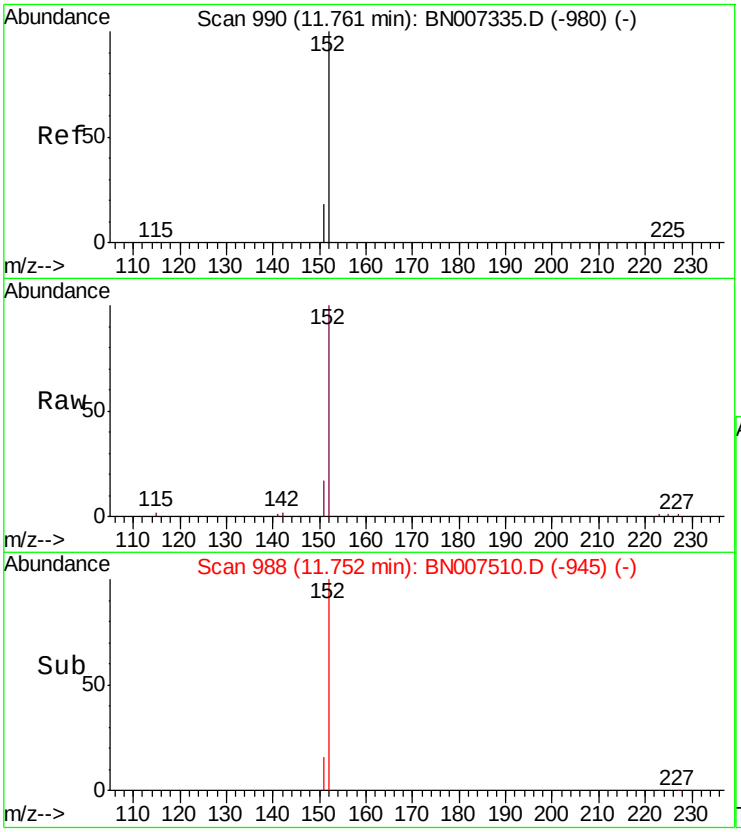


#10
Hexachlorobutadiene
Concen: 0.268 ng
RT: 10.51 min Scan# 854
Delta R.T. -0.00 min
Lab File: BN007510.D
Acq: 29 Aug 2019 19:54

Tgt Ion:225 Resp: 3279

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	64.6	50.7	76.1



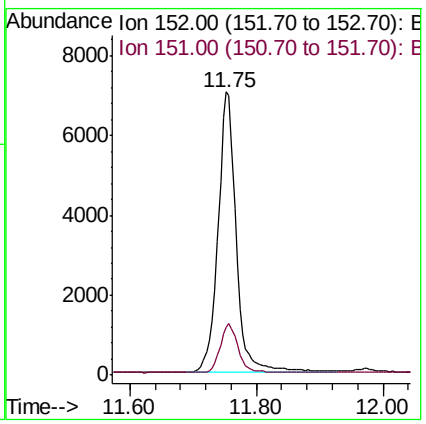


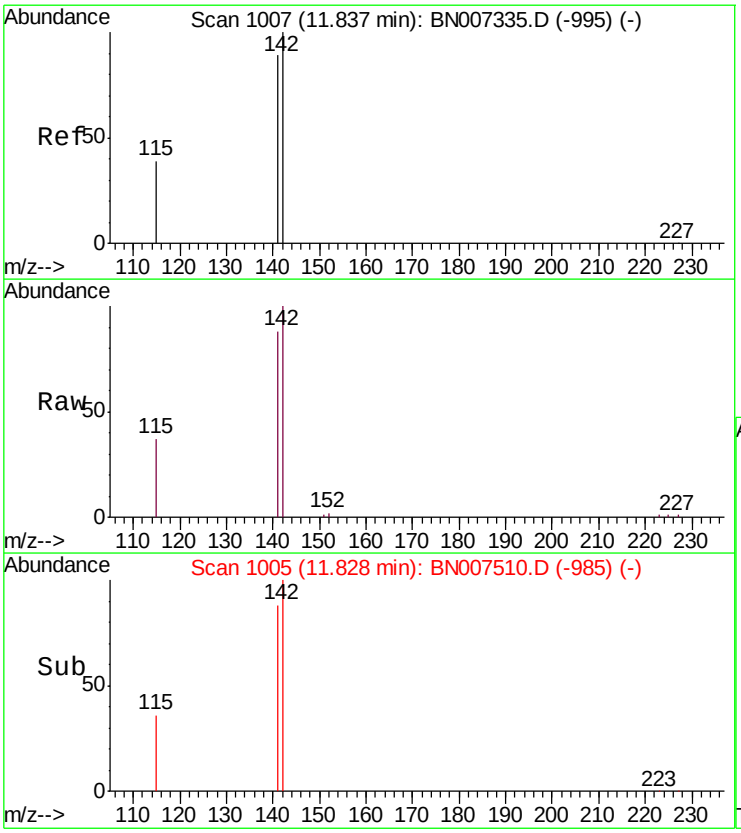
#11
2-Methylnaphthalene-d10
Concen: 0.404 ng
RT: 11.75 min Scan# 988
Delta R.T. -0.01 min
Lab File: BN007510.D
Acq: 29 Aug 2019 19:54

Instrument :
BNA_N
ClientSampleId :
PB122534BS

Tgt Ion:152 Resp: 14068

Ion	Ratio	Lower	Upper
152	100		
151	16.8	16.2	24.2

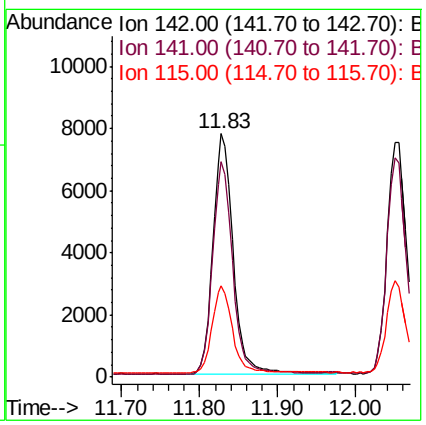


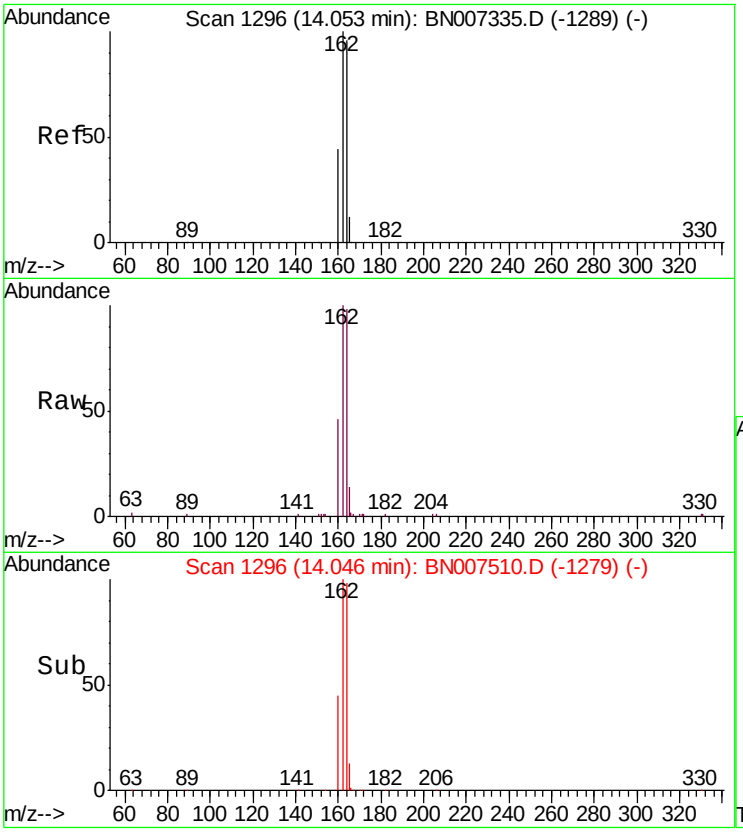


#12
2-Methylnaphthalene
Concen: 0.341 ng
RT: 11.83 min Scan# 1005
Delta R.T. -0.01 min
Lab File: BN007510.D
Acq: 29 Aug 2019 19:54

Tgt Ion:142 Resp: 13906

Ion	Ratio	Lower	Upper
142	100		
141	88.4	72.8	109.2
115	37.2	35.2	52.8



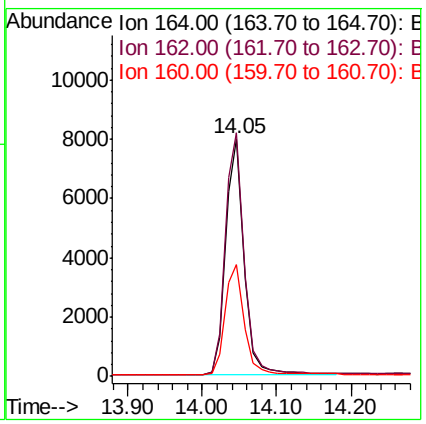


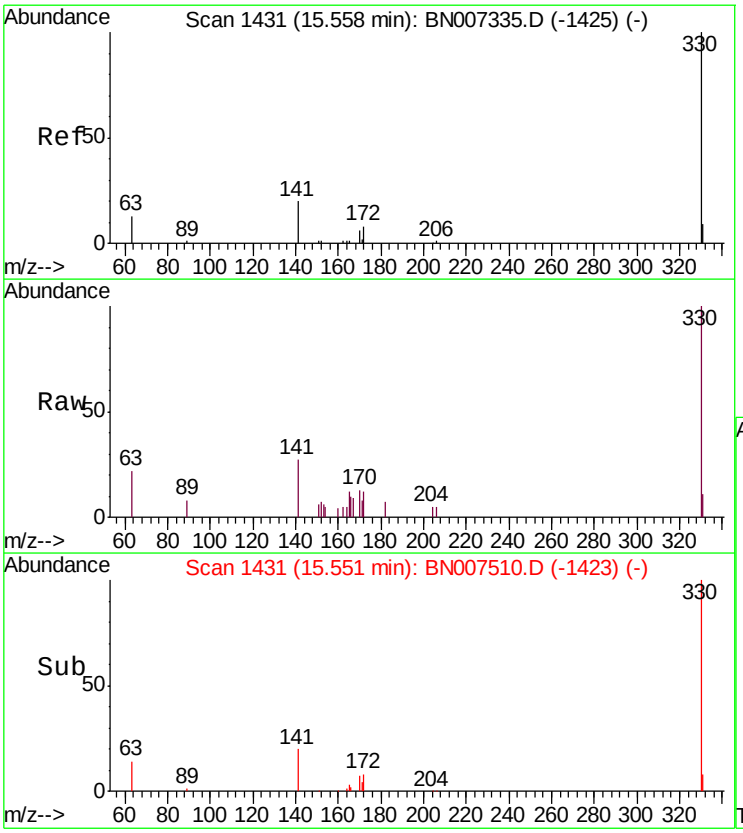
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.05 min Scan# 1296
Delta R.T. -0.01 min
Lab File: BN007510.D
Acq: 29 Aug 2019 19:54

Instrument :
BNA_N
ClientSampleId :
PB122534BS

Tgt Ion:164 Resp: 13543

Ion	Ratio	Lower	Upper
164	100		
162	102.5	83.5	125.3
160	46.8	38.2	57.4

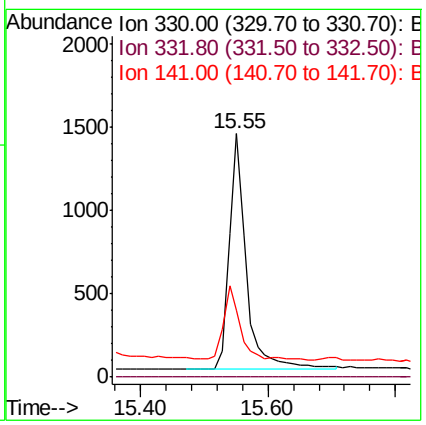


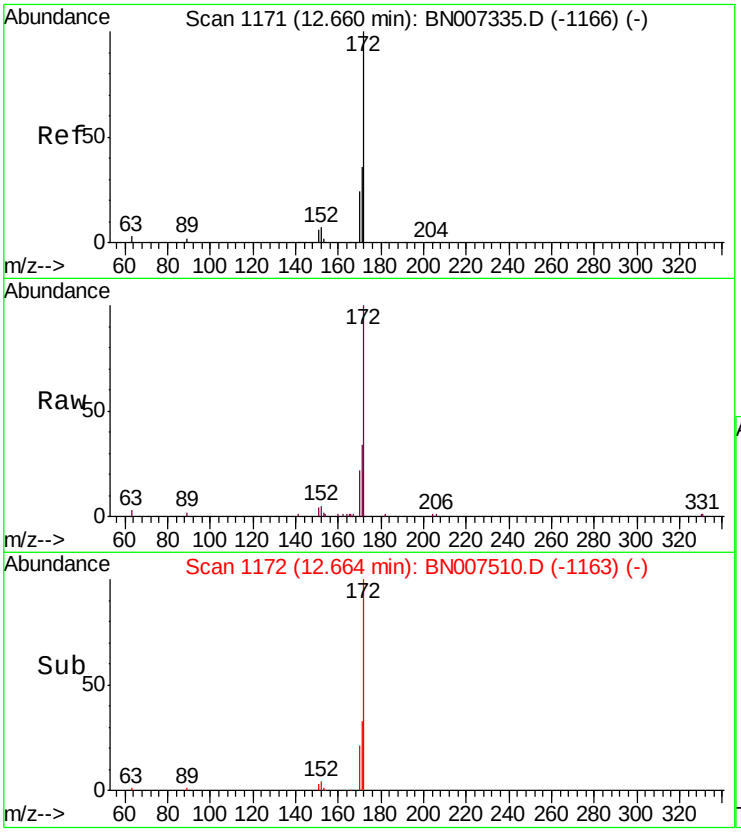


#14
2,4,6-Tribromophenol
Concen: 0.370 ng
RT: 15.55 min Scan# 1431
Delta R.T. -0.01 min
Lab File: BN007510.D
Acq: 29 Aug 2019 19:54

Tgt Ion:330 Resp: 2623

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	31.7	26.9	40.3



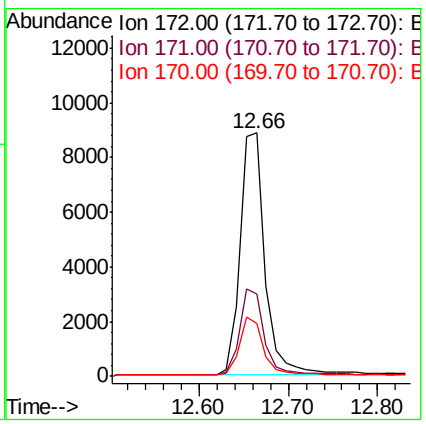


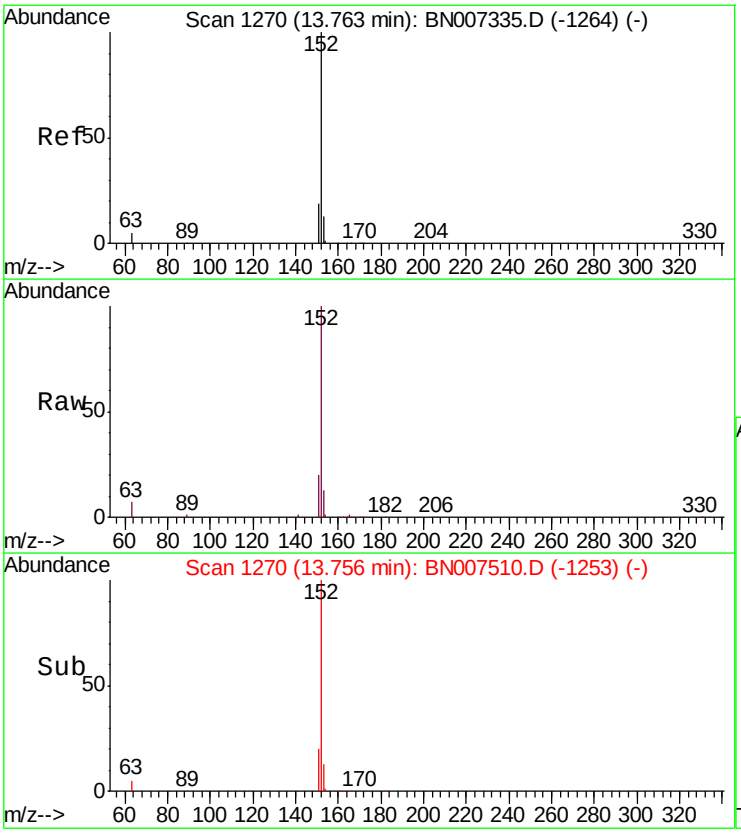
#15
2-Fluorobiphenyl
Concen: 0.314 ng
RT: 12.66 min Scan# 1172
Delta R.T. 0.01 min
Lab File: BN007510.D
Acq: 29 Aug 2019 19:54

Instrument :
BNA_N
ClientSampleId :
PB122534BS

Tgt Ion:172 Resp: 17153

Ion	Ratio	Lower	Upper
172	100		
171	34.0	30.3	45.5
170	21.9	20.7	31.1

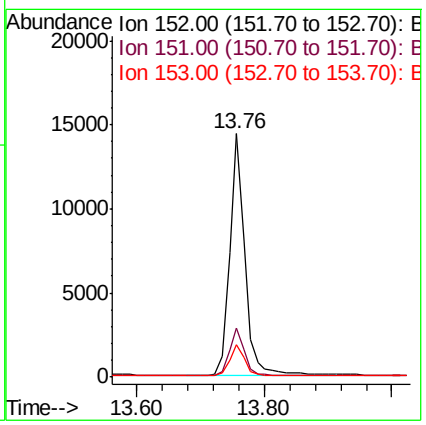


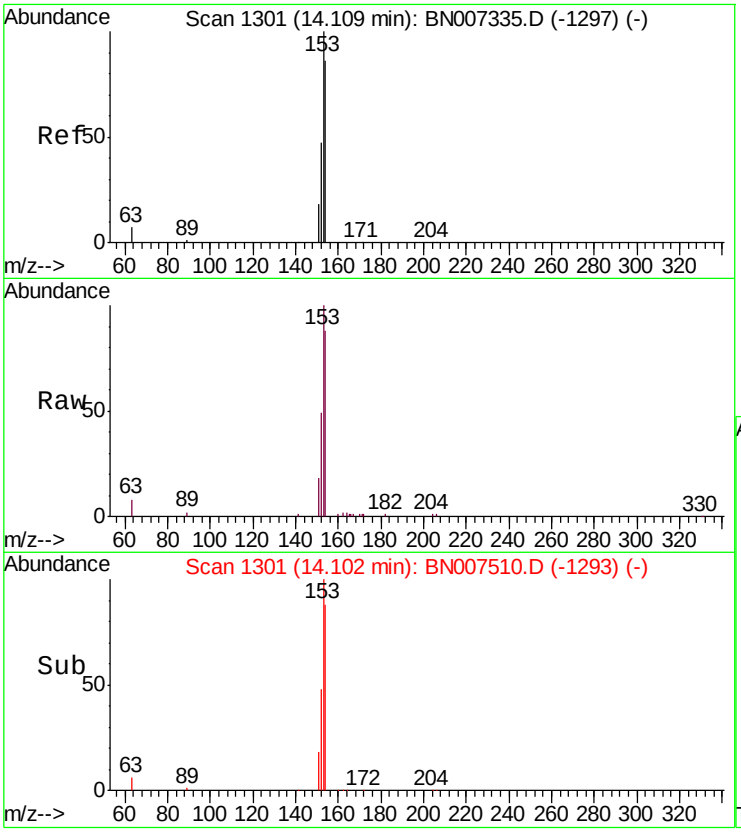


#16
Acenaphthylene
Concen: 0.298 ng
RT: 13.76 min Scan# 1270
Delta R.T. -0.01 min
Lab File: BN007510.D
Acq: 29 Aug 2019 19:54

Tgt Ion:152 Resp: 23913

Ion	Ratio	Lower	Upper
152	100		
151	19.9	16.1	24.1
153	13.1	10.6	15.8



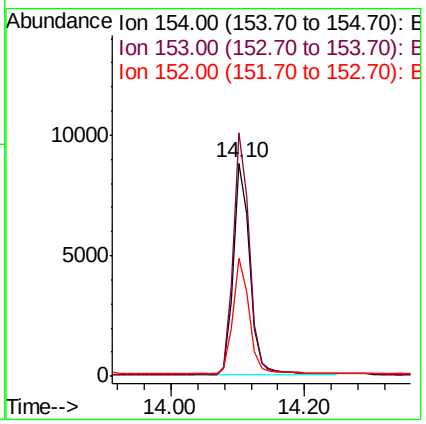


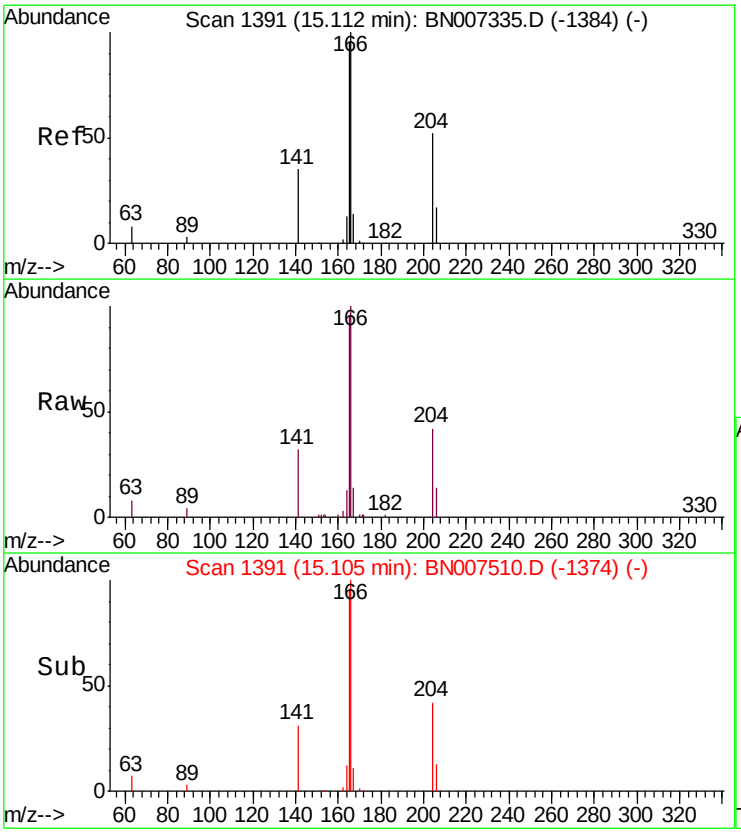
#17
Acenaphthene
Concen: 0.315 ng
RT: 14.10 min Scan# 1301
Delta R.T. -0.01 min
Lab File: BN007510.D
Acq: 29 Aug 2019 19:54

Instrument :
BNA_N
ClientSampleId :
PB122534BS

Tgt Ion:154 Resp: 14764

Ion	Ratio	Lower	Upper
154	100		
153	113.2	92.8	139.2
152	53.6	43.8	65.8

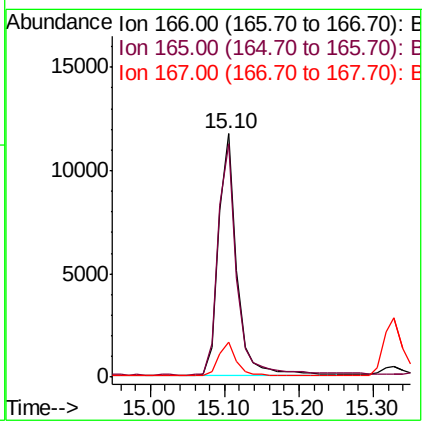


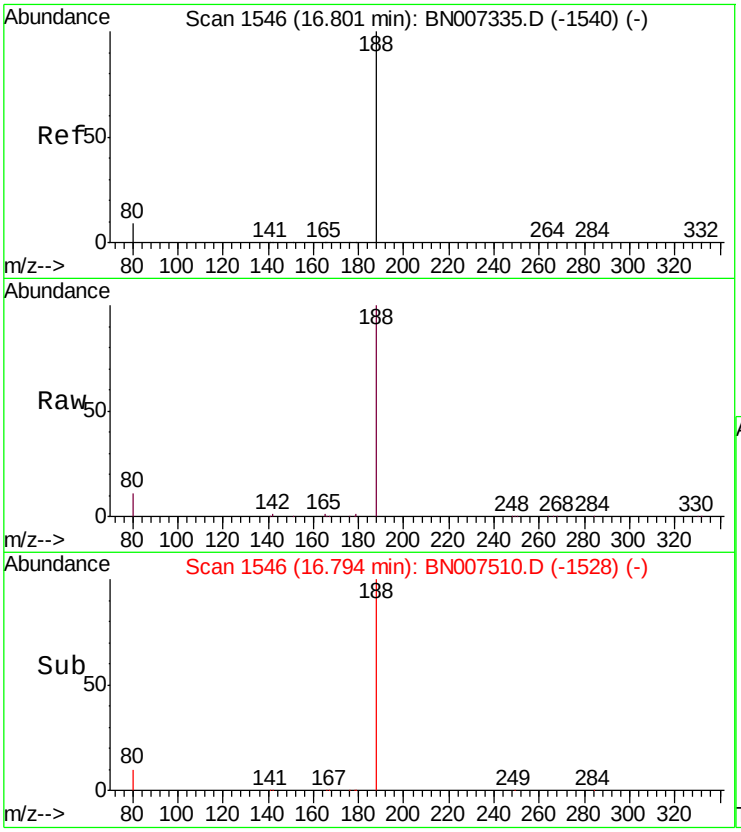


#18
Fluorene
Concen: 0.338 ng
RT: 15.10 min Scan# 1391
Delta R.T. -0.01 min
Lab File: BN007510.D
Acq: 29 Aug 2019 19:54

Tgt Ion:166 Resp: 20054

Ion	Ratio	Lower	Upper
166	100		
165	97.9	79.0	118.4
167	13.1	10.6	15.8



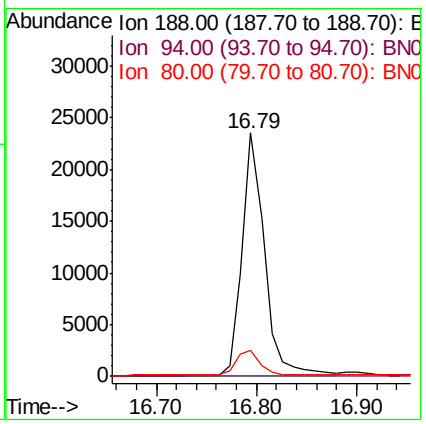


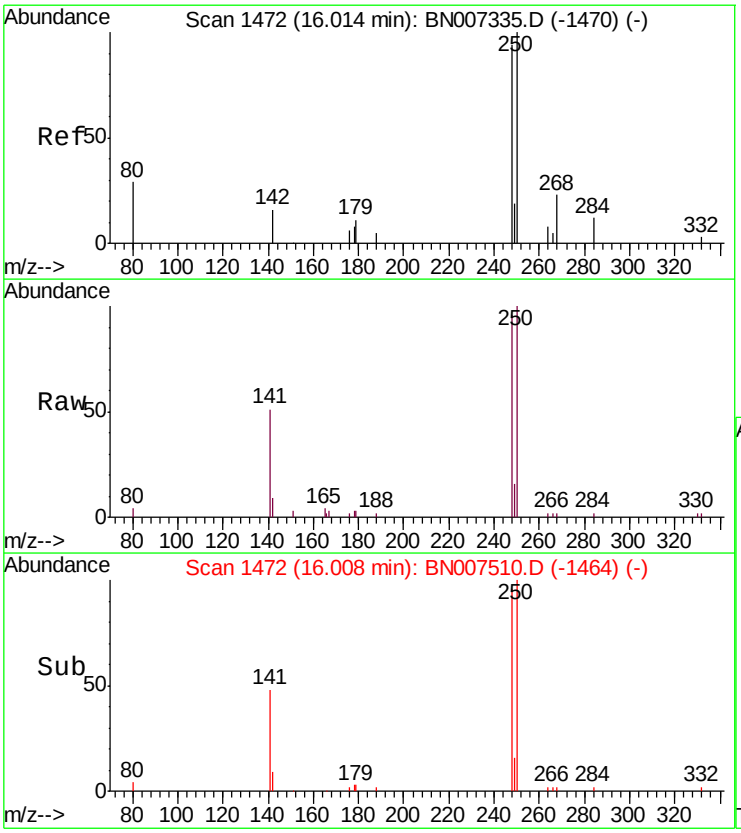
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.79 min Scan# 1546
Delta R.T. -0.01 min
Lab File: BN007510.D
Acq: 29 Aug 2019 19:54

Instrument :
BNA_N
ClientSampleId :
PB122534BS

Tgt Ion:188 Resp: 36569

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	10.6	11.8	17.8#

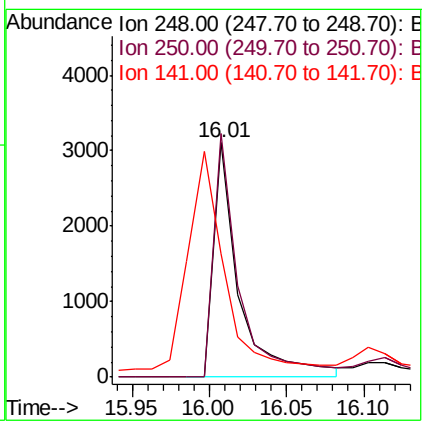


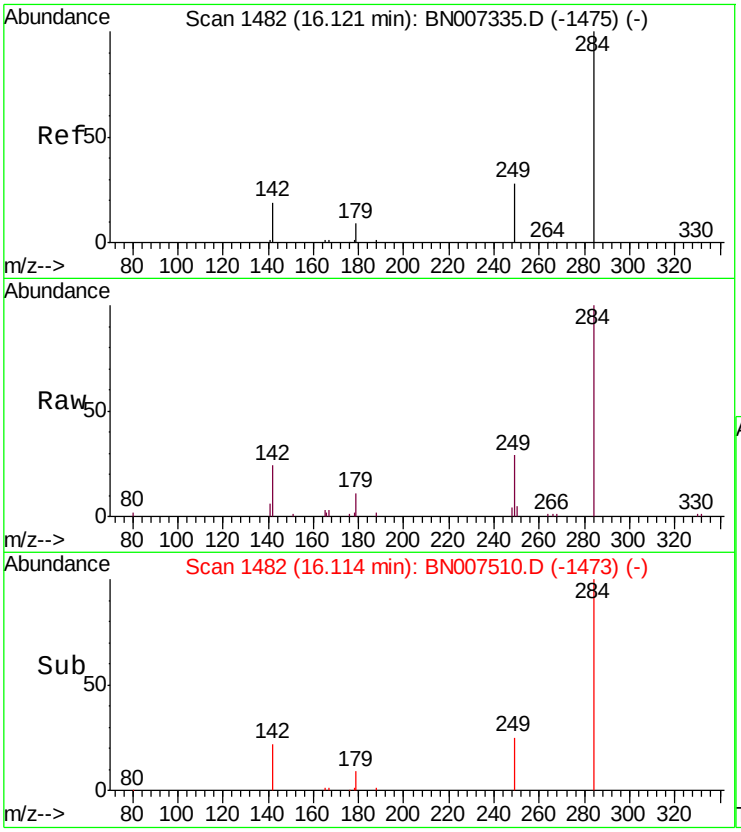


#20
4-Bromophenyl-phenylether
Concen: 0.248 ng
RT: 16.01 min Scan# 1472
Delta R.T. -0.01 min
Lab File: BN007510.D
Acq: 29 Aug 2019 19:54

Tgt Ion:248 Resp: 3577

Ion	Ratio	Lower	Upper
248	100		
250	104.0	85.0	127.6
141	52.5	51.7	77.5



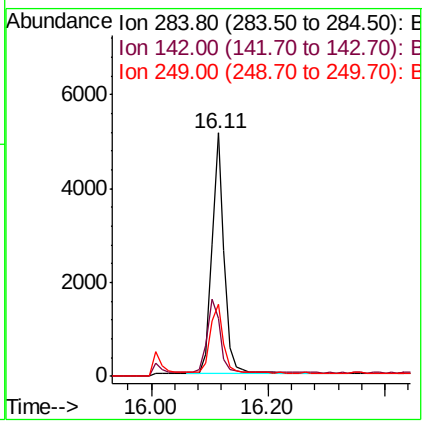


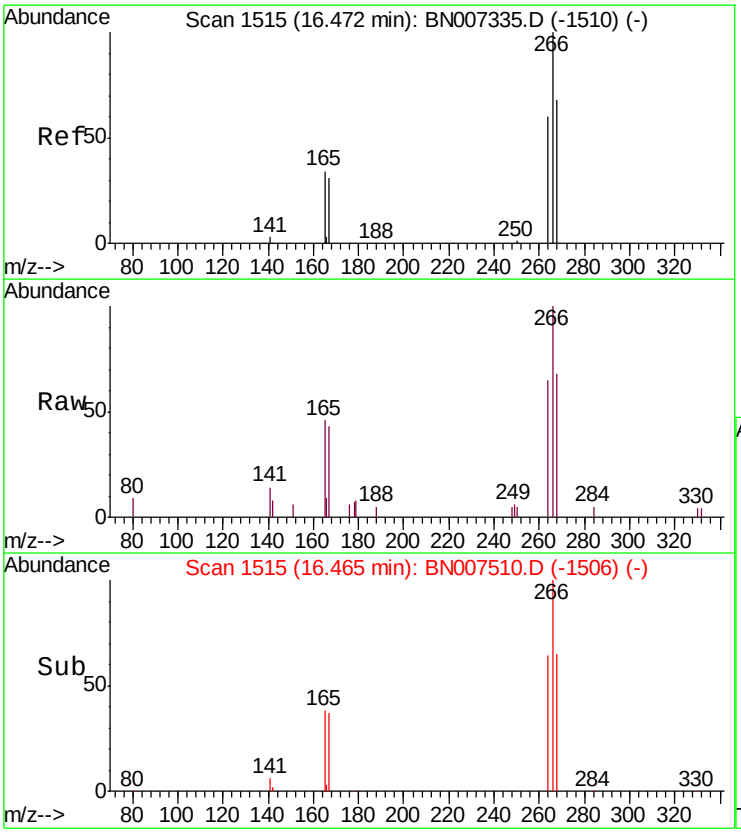
#21
Hexachlorobenzene
Concen: 0.312 ng
RT: 16.11 min Scan# 1482
Delta R.T. -0.01 min
Lab File: BN007510.D
Acq: 29 Aug 2019 19:54

Instrument :
BNA_N
ClientSampleId :
PB122534BS

Tgt Ion:284 Resp: 7639

Ion	Ratio	Lower	Upper
284	100		
142	31.2	29.0	43.6
249	30.4	24.9	37.3

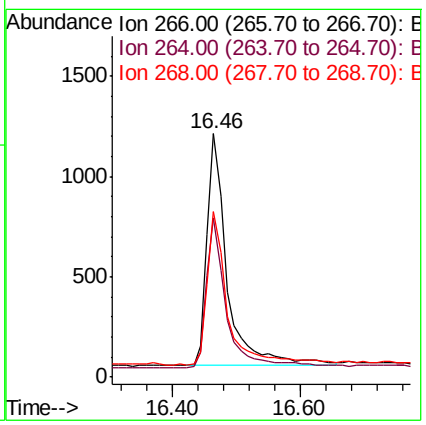


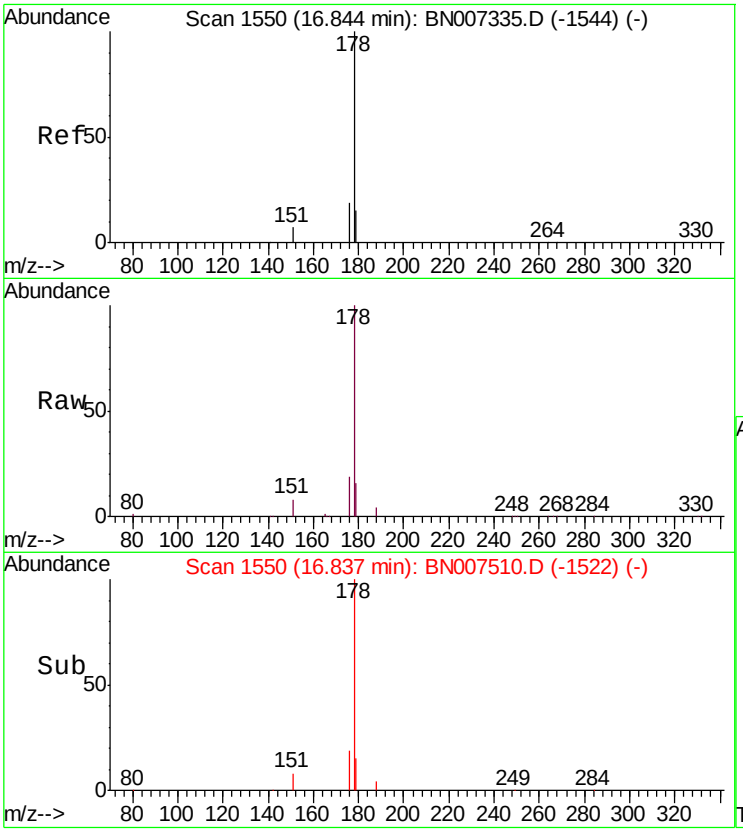


#22
Pentachlorophenol
Concen: 0.336 ng
RT: 16.46 min Scan# 1515
Delta R.T. -0.01 min
Lab File: BN007510.D
Acq: 29 Aug 2019 19:54

Tgt Ion:266 Resp: 2561

Ion	Ratio	Lower	Upper
266	100		
264	65.2	57.8	86.8
268	68.2	99.7	149.5#



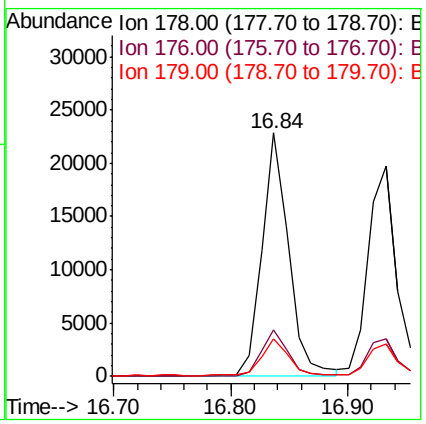


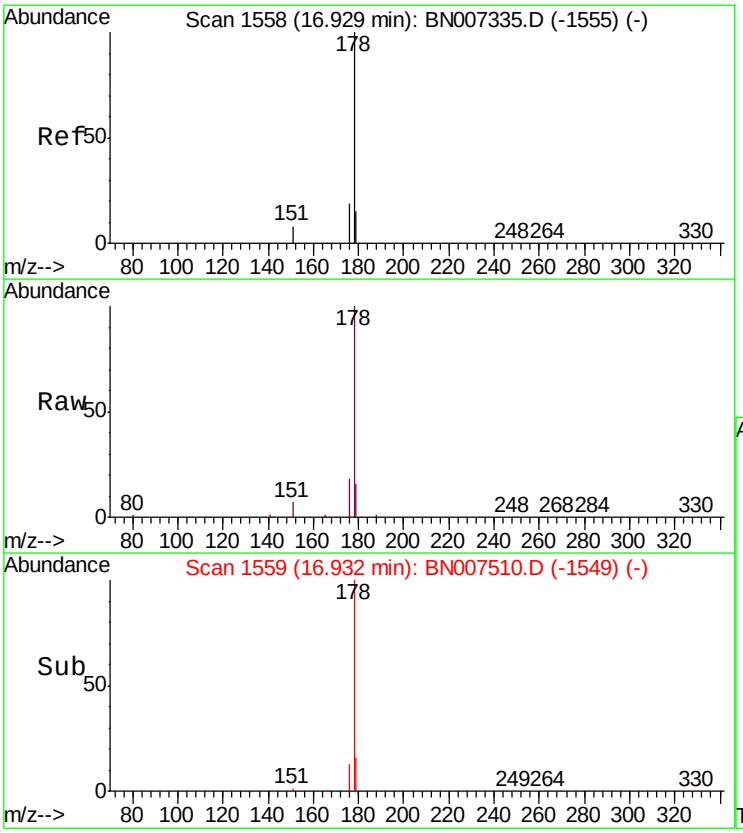
#23
Phenanthrene
Concen: 0.327 ng
RT: 16.84 min Scan# 1550
Delta R.T. -0.01 min
Lab File: BN007510.D
Acq: 29 Aug 2019 19:54

Instrument :
BNA_N
ClientSampleId :
PB122534BS

Tgt Ion:178 Resp: 35993

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.3	22.9
179	15.4	12.6	19.0

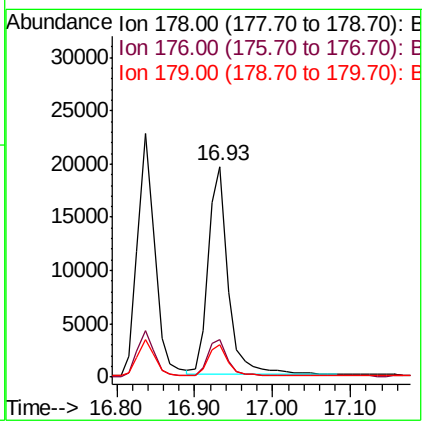


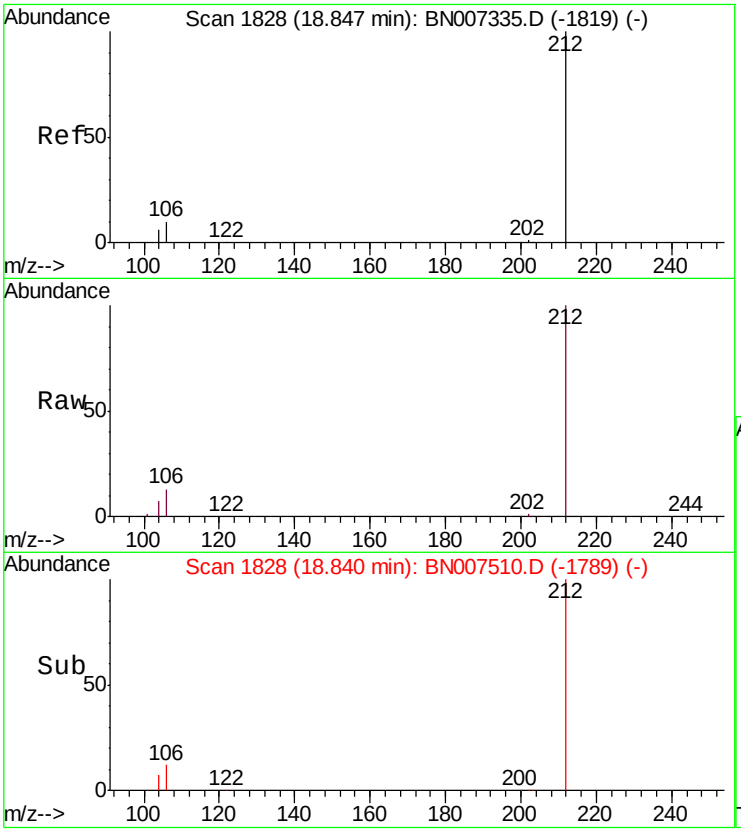


#24
Anthracene
Concen: 0.310 ng
RT: 16.93 min Scan# 1559
Delta R.T. 0.00 min
Lab File: BN007510.D
Acq: 29 Aug 2019 19:54

Tgt Ion:178 Resp: 34337

Ion	Ratio	Lower	Upper
178	100		
176	18.1	14.9	22.3
179	15.2	12.4	18.6



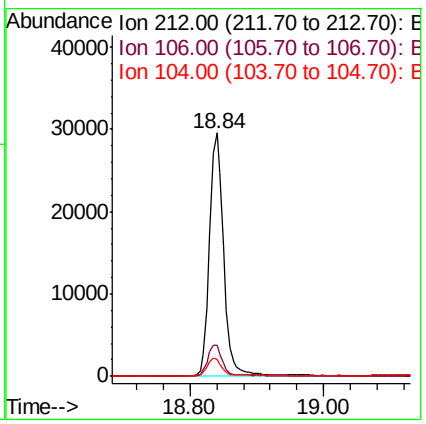


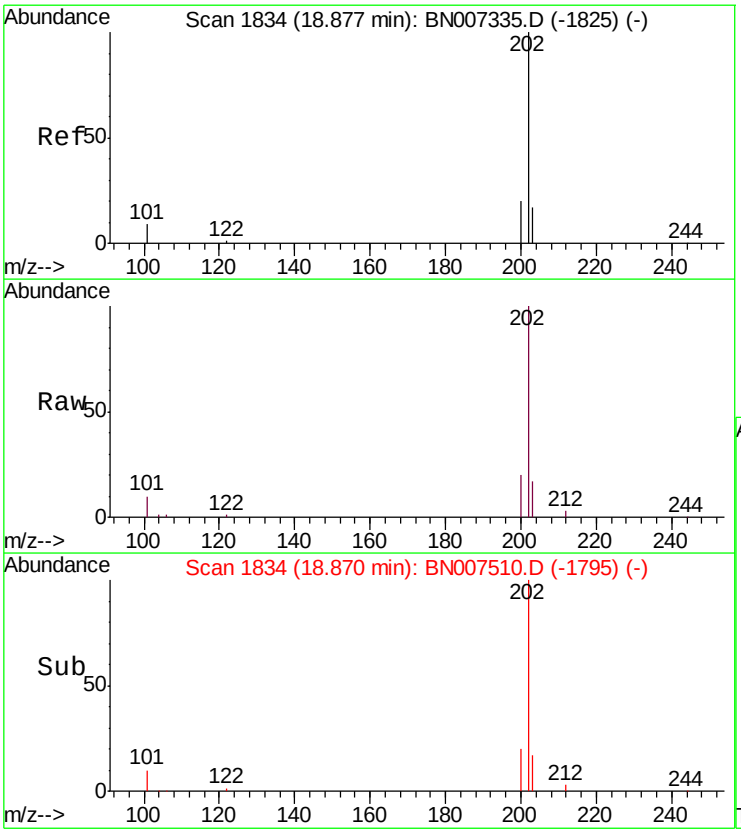
#25
Fluoranthene-d10
Concen: 0.367 ng
RT: 18.84 min Scan# 1828
Delta R.T. -0.01 min
Lab File: BN007510.D
Acq: 29 Aug 2019 19:54

Instrument :
BNA_N
ClientSampleId :
PB122534BS

Tgt Ion:212 Resp: 43215

Ion	Ratio	Lower	Upper
212	100		
106	12.6	9.0	13.4
104	7.2	5.4	8.2

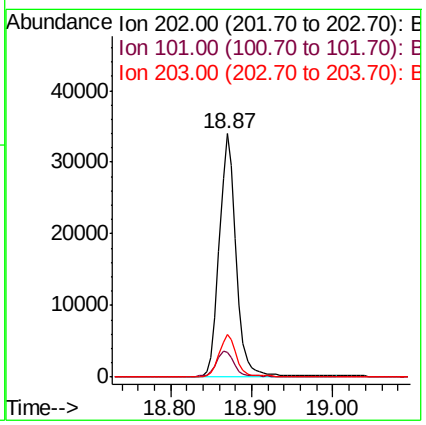


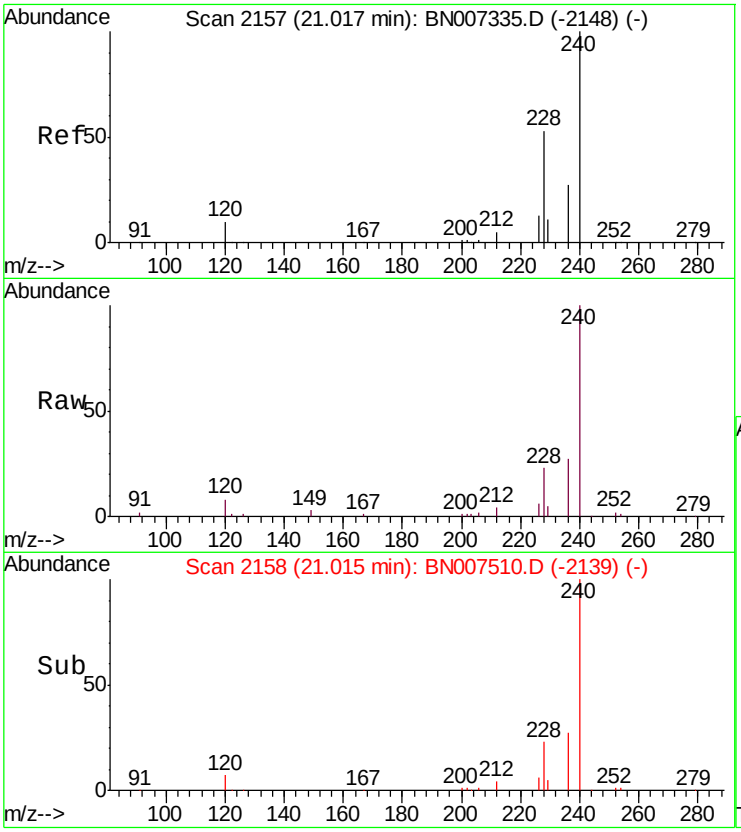


#26
Fluoranthene
Concen: 0.342 ng
RT: 18.87 min Scan# 1834
Delta R.T. -0.01 min
Lab File: BN007510.D
Acq: 29 Aug 2019 19:54

Tgt Ion:202 Resp: 48284

Ion	Ratio	Lower	Upper
202	100		
101	10.8	7.7	11.5
203	17.1	13.7	20.5



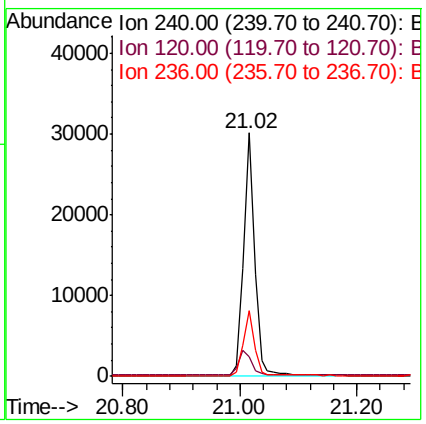


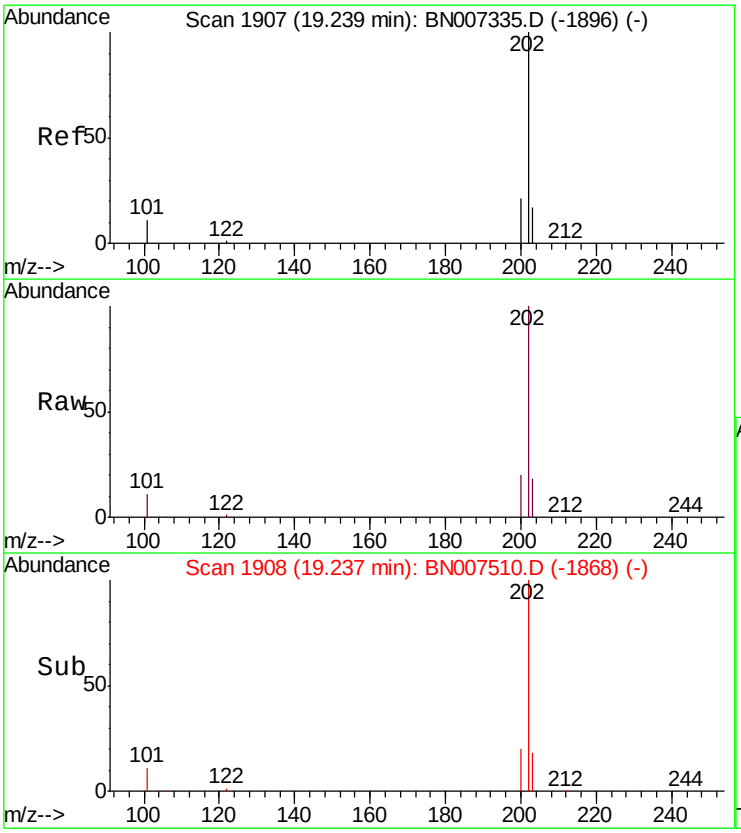
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.02 min Scan# 2158
Delta R.T. -0.00 min
Lab File: BN007510.D
Acq: 29 Aug 2019 19:54

Instrument :
BNA_N
ClientSampleId :
PB122534BS

Tgt Ion:240 Resp: 39108

Ion	Ratio	Lower	Upper
240	100		
120	8.1	9.6	14.4#
236	26.8	22.2	33.2

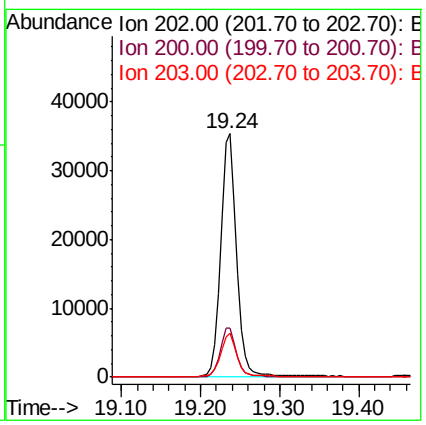


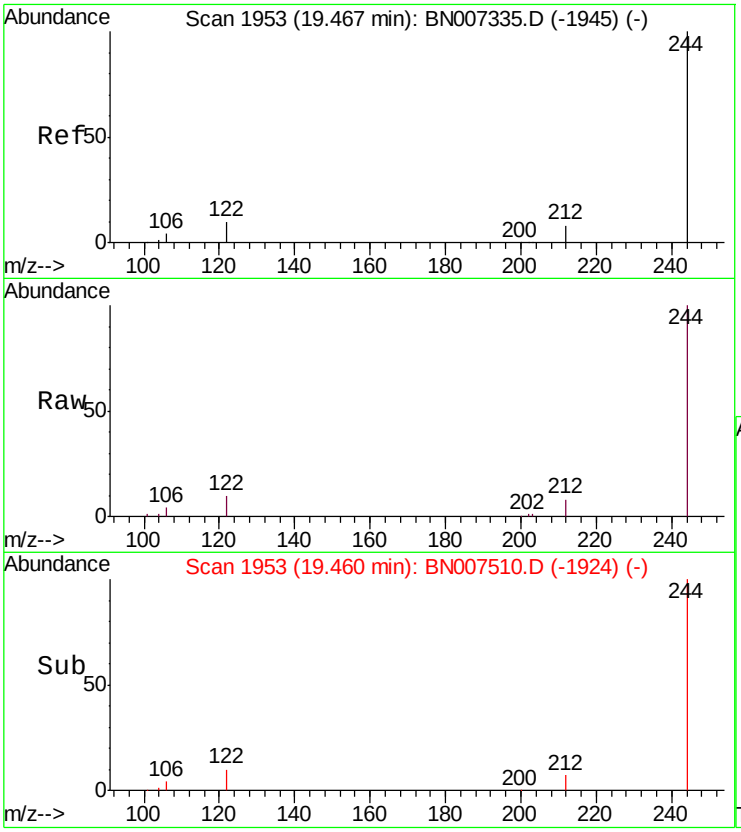


#28
Pyrene
Concen: 0.316 ng
RT: 19.24 min Scan# 1908
Delta R.T. -0.00 min
Lab File: BN007510.D
Acq: 29 Aug 2019 19:54

Tgt Ion:202 Resp: 49780

Ion	Ratio	Lower	Upper
202	100		
200	20.5	16.6	25.0
203	18.0	14.2	21.4



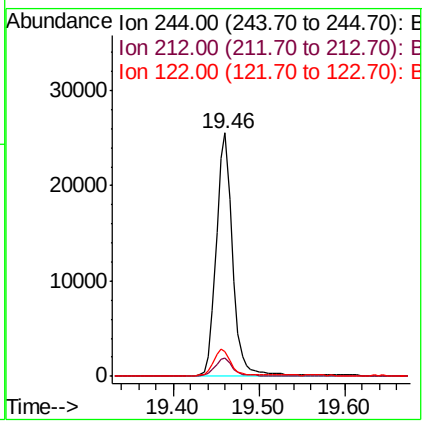


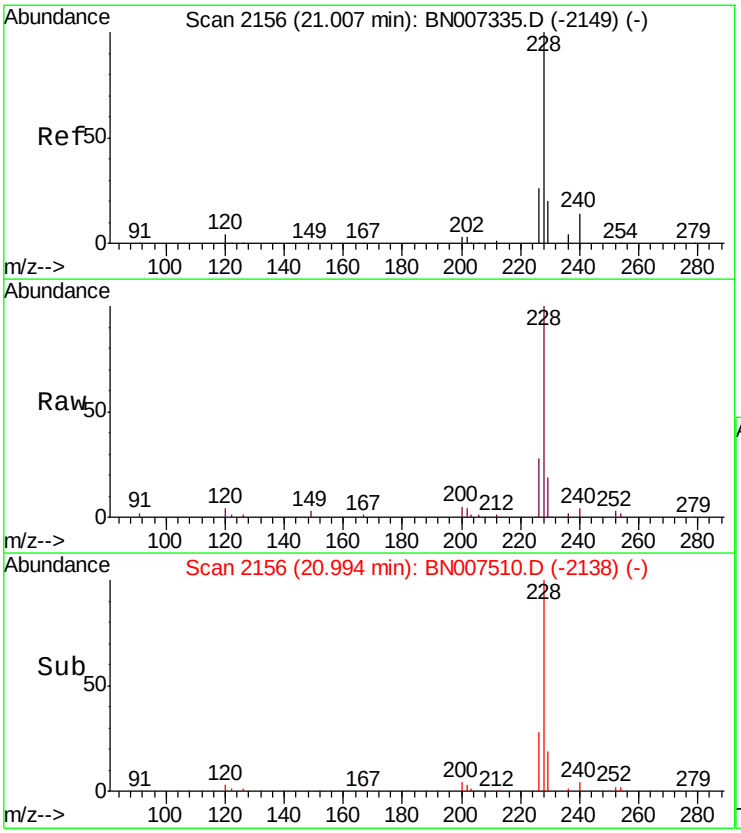
#29
Terphenyl-d14
Concen: 0.328 ng
RT: 19.46 min Scan# 1953
Delta R.T. -0.01 min
Lab File: BN007510.D
Acq: 29 Aug 2019 19:54

Instrument :
BNA_N
ClientSampleId :
PB122534BS

Tgt Ion:244 Resp: 33602

Ion	Ratio	Lower	Upper
244	100		
212	7.6	7.0	10.6
122	10.4	9.6	14.4

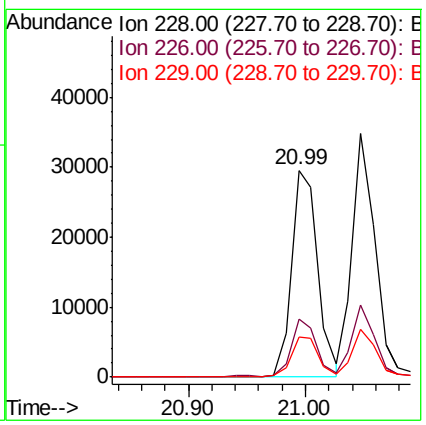


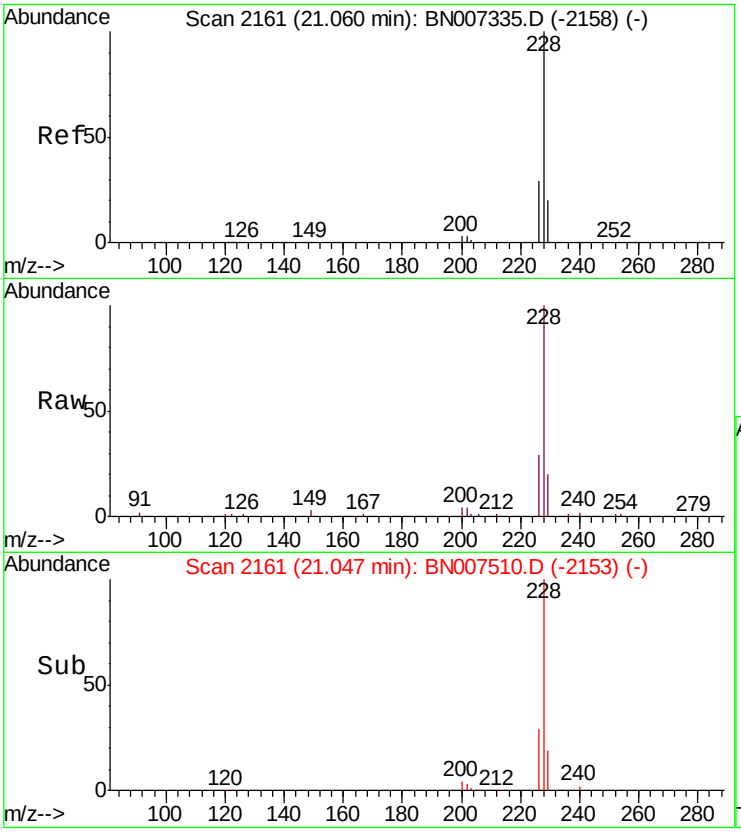


#30
Benzo(a)anthracene
Concen: 0.298 ng
RT: 20.99 min Scan# 2156
Delta R.T. -0.01 min
Lab File: BN007510.D
Acq: 29 Aug 2019 19:54

Tgt Ion:228 Resp: 45814

Ion	Ratio	Lower	Upper
228	100		
226	27.8	21.3	31.9
229	19.5	16.1	24.1



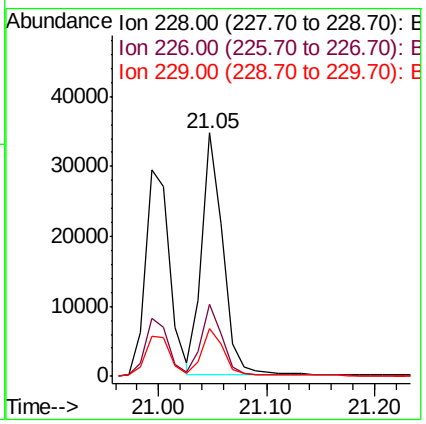


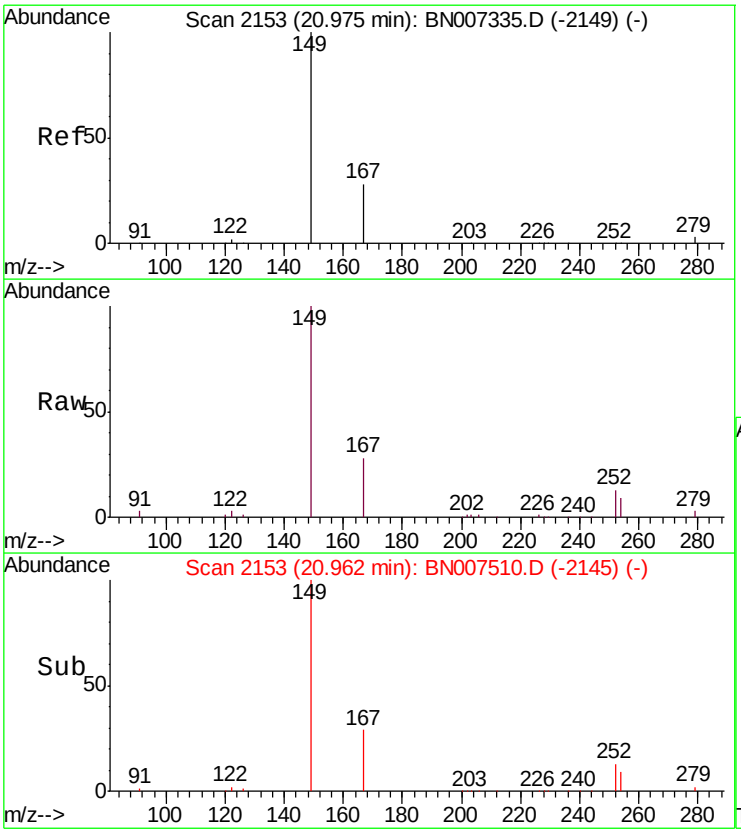
#31
Chrysene
Concen: 0.316 ng
RT: 21.05 min Scan# 2161
Delta R.T. -0.01 min
Lab File: BN007510.D
Acq: 29 Aug 2019 19:54

Instrument :
BNA_N
ClientSampleId :
PB122534BS

Tgt Ion:228 Resp: 46828

Ion	Ratio	Lower	Upper
228	100		
226	29.4	23.5	35.3
229	19.6	16.6	24.8

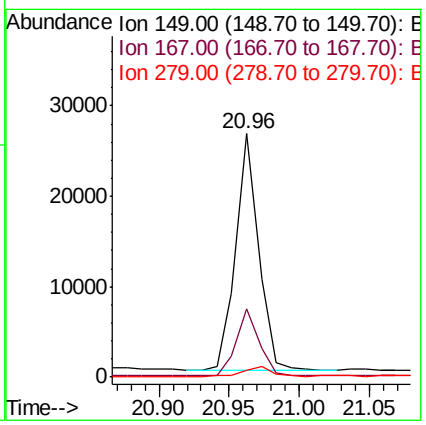


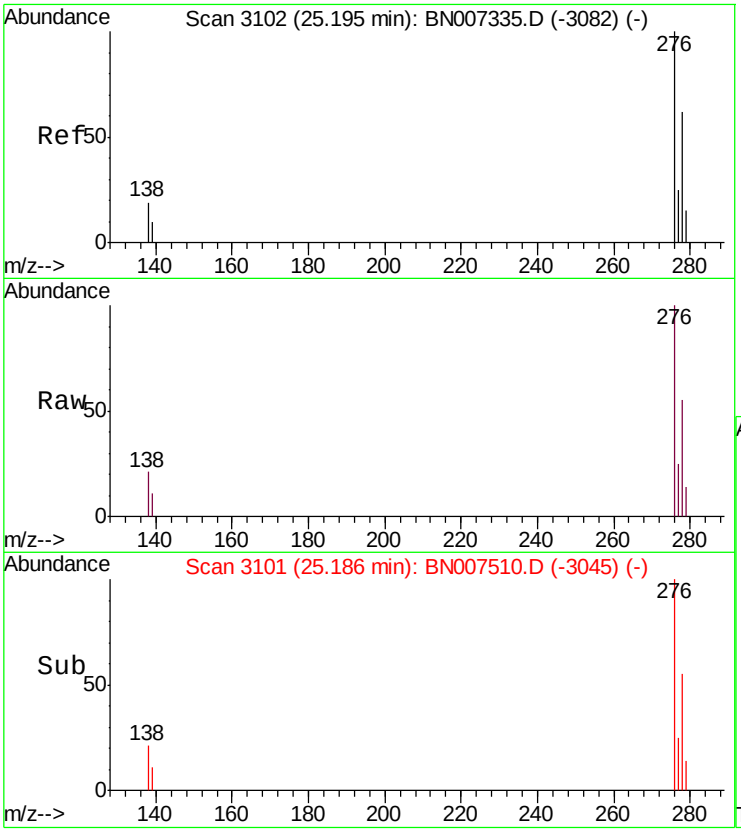


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.277 ng
RT: 20.96 min Scan# 2153
Delta R.T. -0.01 min
Lab File: BN007510.D
Acq: 29 Aug 2019 19:54

Tgt Ion:149 Resp: 29392

Ion	Ratio	Lower	Upper
149	100		
167	28.5	22.8	34.2
279	4.4	3.5	5.3



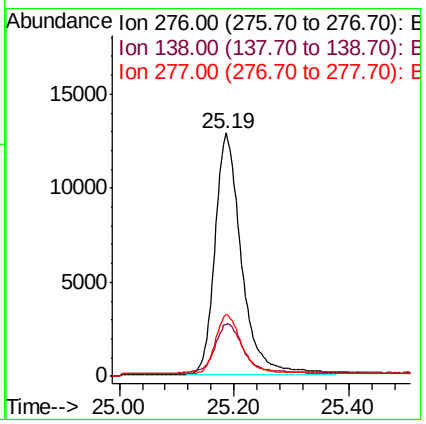


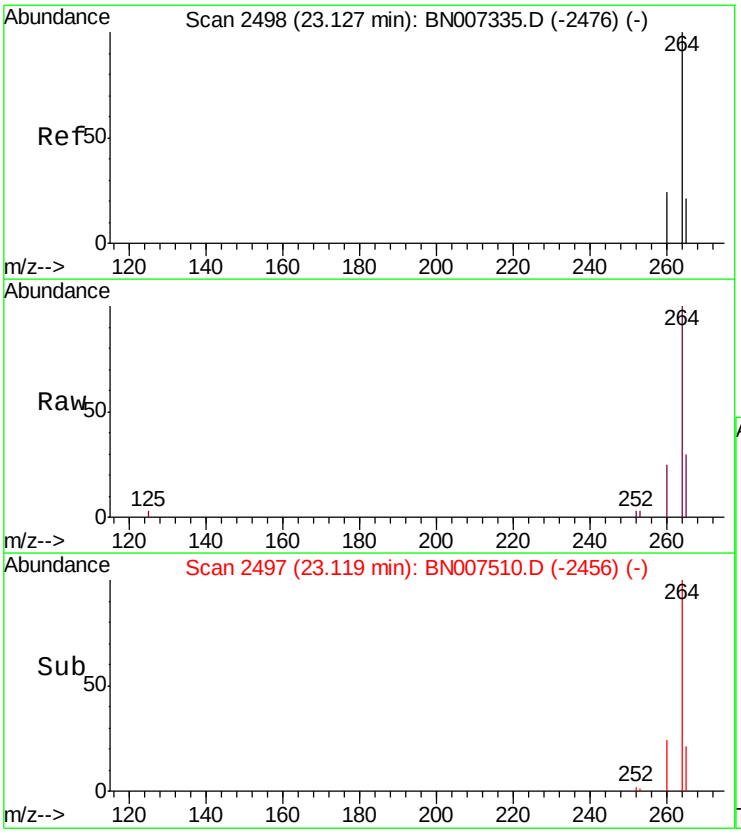
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.229 ng
RT: 25.19 min Scan# 3101
Delta R.T. -0.01 min
Lab File: BN007510.D
Acq: 29 Aug 2019 19:54

Instrument :
BNA_N
ClientSampleId :
PB122534BS

Tgt Ion:276 Resp: 40893

Ion	Ratio	Lower	Upper
276	100		
138	20.7	15.1	22.7
277	24.1	19.7	29.5

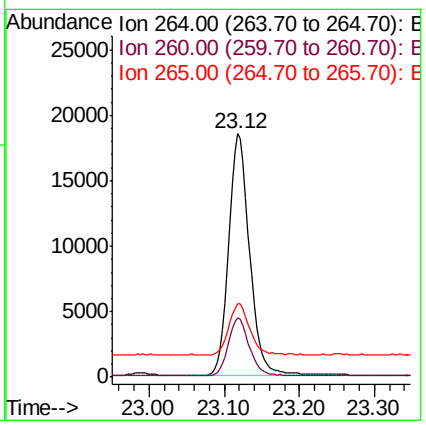


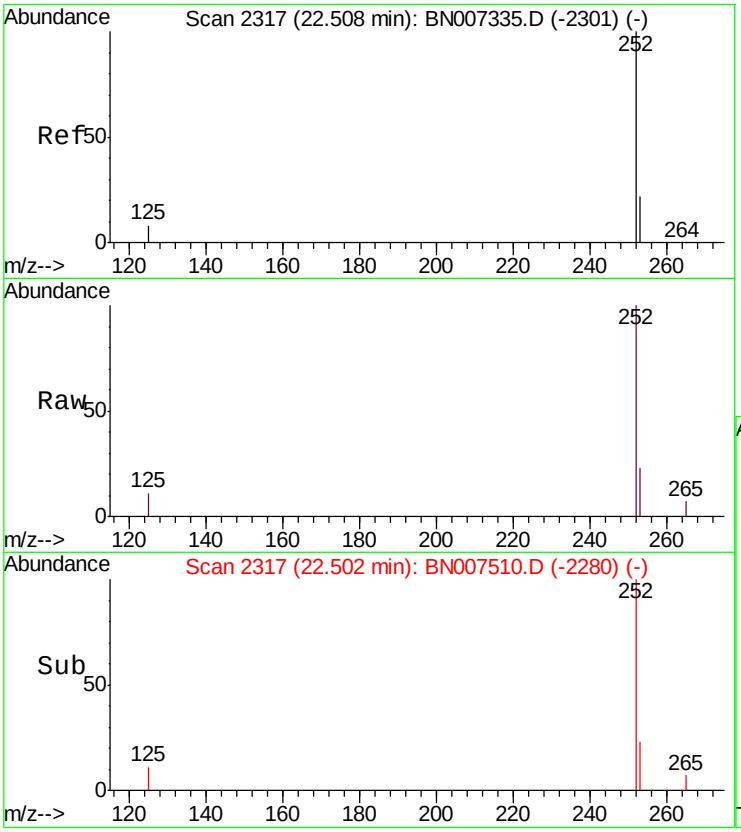


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.12 min Scan# 2497
Delta R.T. -0.01 min
Lab File: BN007510.D
Acq: 29 Aug 2019 19:54

Tgt Ion:264 Resp: 34937

Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.7	29.5
265	30.0	29.9	44.9



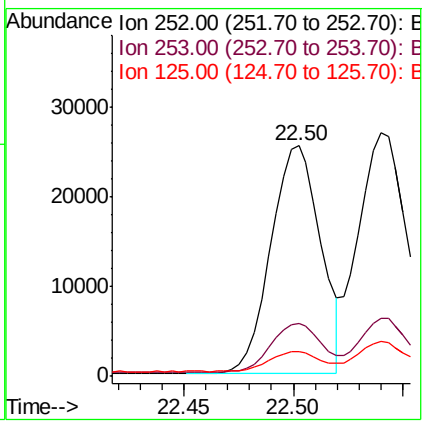


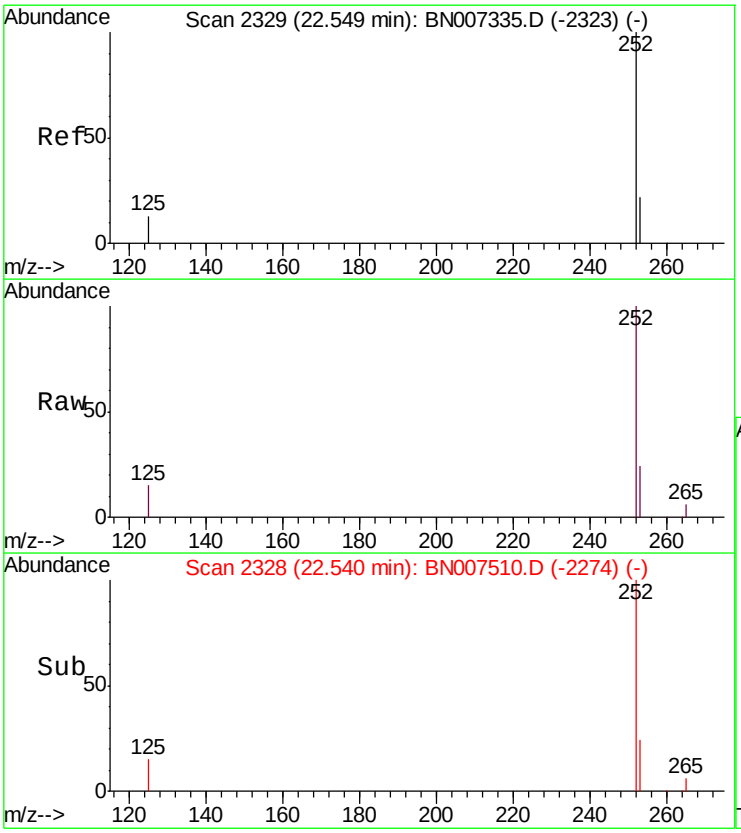
#35
Benzo(b)fluoranthene
Concen: 0.320 ng
RT: 22.50 min Scan# 2317
Delta R.T. -0.01 min
Lab File: BN007510.D
Acq: 29 Aug 2019 19:54

Instrument :
BNA_N
ClientSampleId :
PB122534BS

Tgt Ion:252 Resp: 40512

Ion	Ratio	Lower	Upper
252	100		
253	23.2	19.2	28.8
125	10.9	10.6	16.0

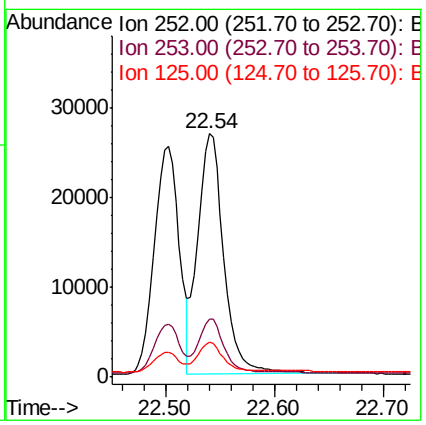


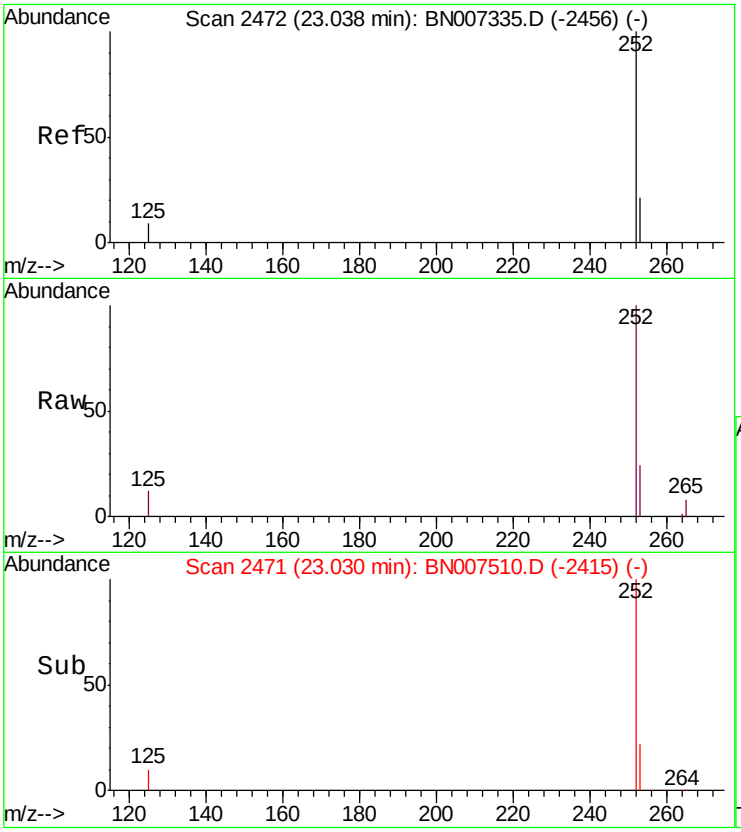


#36
Benzo(k)fluoranthene
Concen: 0.357 ng
RT: 22.54 min Scan# 2328
Delta R.T. -0.01 min
Lab File: BN007510.D
Acq: 29 Aug 2019 19:54

Tgt Ion:252 Resp: 44647

Ion	Ratio	Lower	Upper
252	100		
253	23.8	19.4	29.2
125	14.6	13.1	19.7



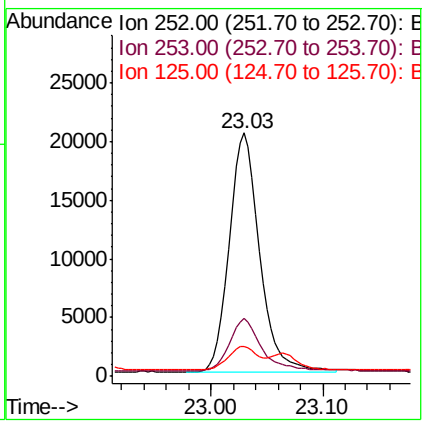


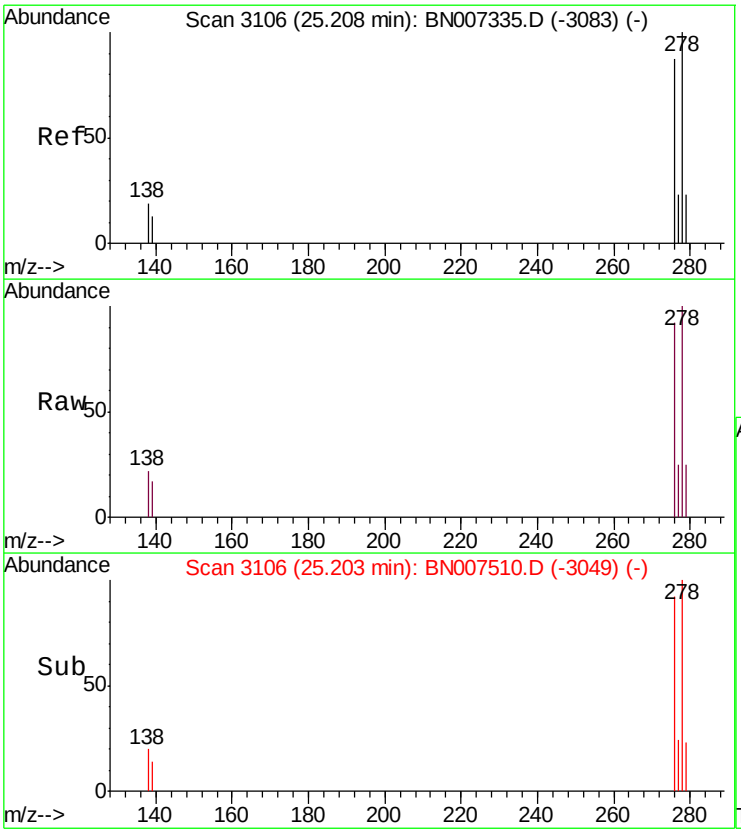
#37
Benzo(a)pyrene
Concen: 0.321 ng
RT: 23.03 min Scan# 2471
Delta R.T. -0.01 min
Lab File: BN007510.D
Acq: 29 Aug 2019 19:54

Instrument :
BNA_N
ClientSampleId :
PB122534BS

Tgt Ion:252 Resp: 38723

Ion	Ratio	Lower	Upper
252	100		
253	23.7	19.5	29.3
125	12.4	12.1	18.1

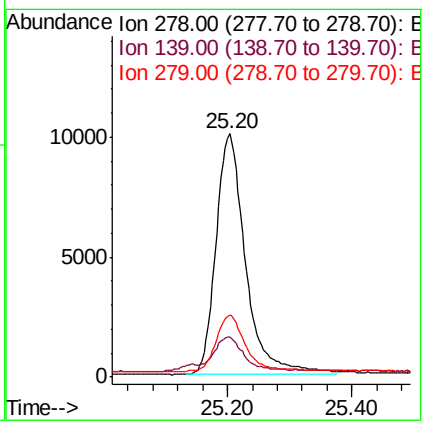


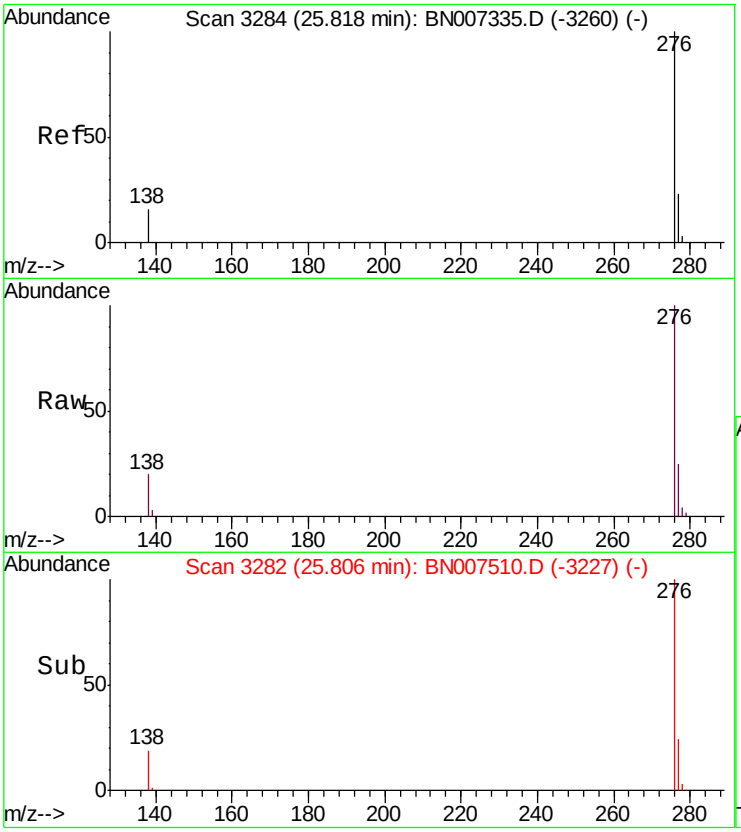


#38
Dibenzo(a,h)anthracene
Concen: 0.274 ng
RT: 25.20 min Scan# 3106
Delta R.T. -0.01 min
Lab File: BN007510.D
Acq: 29 Aug 2019 19:54

Tgt Ion:278 Resp: 32971

Ion	Ratio	Lower	Upper
278	100		
139	16.5	13.7	20.5
279	25.4	20.2	30.4





#39
Benzo(g,h,i)perylene
Concen: 0.286 ng
RT: 25.81 min Scan# 3282
Delta R.T. -0.01 min
Lab File: BN007510.D
Acq: 29 Aug 2019 19:54

Instrument :
BNA_N
ClientSampleId :
PB122534BS

Tgt Ion:276 Resp: 34192

Ion	Ratio	Lower	Upper
276	100		
277	24.7	19.6	29.4
138	20.5	16.3	24.5