Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN082419\
Data File : BN007373.D
Acq On : 24 Aug 2019 20:54
Operator : HP/JU
Sample : PB122469BS
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : PB122469BS

Quant Time: Aug 24 23:43:23 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN082319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Aug 24 00:38:17 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.40	152	5814	0.40	ng		0.00
7) Naphthalene-d8	10.15	136	24284	0.40	ng		-0.01
13) Acenaphthene-d10	14.05	164	13071	0.40	ng		0.00
19) Phenanthrene-d10	16.79	188	29776	0.40	ng		0.00
27) Chrysene-d12	21.02	240	30582	0.40	ng		0.00
34) Perylene-d12	23.12	264	33485	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.04	112	5567	0.27	ng		0.00
5) Phenol-d6	6.59	99	7042	0.26	ng		0.00
8) Nitrobenzene-d5	8.53	82	5406	0.26	ng		0.00
11) 2-Methylnaphthalene-d10	11.76	152	15382	0.38	ng		0.00
14) 2,4,6-Tribromophenol	15.55	330	1701	0.25	ng		0.00
15) 2-Fluorobiphenyl	12.66	172	14311	0.27	ng		0.00
25) Fluoranthene-d10	18.84	212	26862	0.28	ng		0.00
29) Terphenyl-d14	19.47	244	20537	0.26	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.01	88	2069	0.214	ng	#	80
3) n-Nitrosodimethylamine	3.32	42	1148	0.256	ng	#	85
6) bis(2-Chloroethyl)ether	6.84	93	5567	0.265	ng		98
9) Naphthalene	10.20	128	19503	0.281	ng	#	90
10) Hexachlorobutadiene	10.51	225	3734	0.263	ng	#	99
12) 2-Methylnaphthalene	11.83	142	13332	0.282	ng		98
16) Acenaphthylene	13.76	152	20569	0.266	ng		99
17) Acenaphthene	14.11	154	12169	0.269	ng		99
18) Fluorene	15.10	166	15426	0.270	ng		99
20) 4-Bromophenyl-phenylether	16.01	248	3055	0.260	ng		98
21) Hexachlorobenzene	16.11	284	5691	0.285	ng		96
22) Pentachlorophenol	16.46	266	2839	0.458	ng	#	64
23) Phenanthrene	16.84	178	24822	0.277	ng		99
24) Anthracene	16.93	178	24018	0.267	ng		100
26) Fluoranthene	18.87	202	33193	0.289	ng		100
28) Pyrene	19.24	202	33988	0.276	ng		100
30) Benzo(a)anthracene	21.00	228	33565	0.279	ng		100
31) Chrysene	21.06	228	34842	0.301	ng		99
32) Bis(2-ethylhexyl)phthalate	20.97	149	18267	0.216	ng		99
33) Indeno(1,2,3-cd)pyrene	25.19	276	41337	0.296	ng		100
35) Benzo(b)fluoranthene	22.55	252	35677	0.294	ng		98
36) Benzo(k)fluoranthene	22.55	252	35677	0.298	ng	#	94
37) Benzo(a)pyrene	23.03	252	34084	0.295	ng	#	96
38) Dibenzo(a,h)anthracene	25.20	278	34031	0.295	ng		96
39) Benzo(g,h,i)perylene	25.81	276	35051	0.305	ng		97

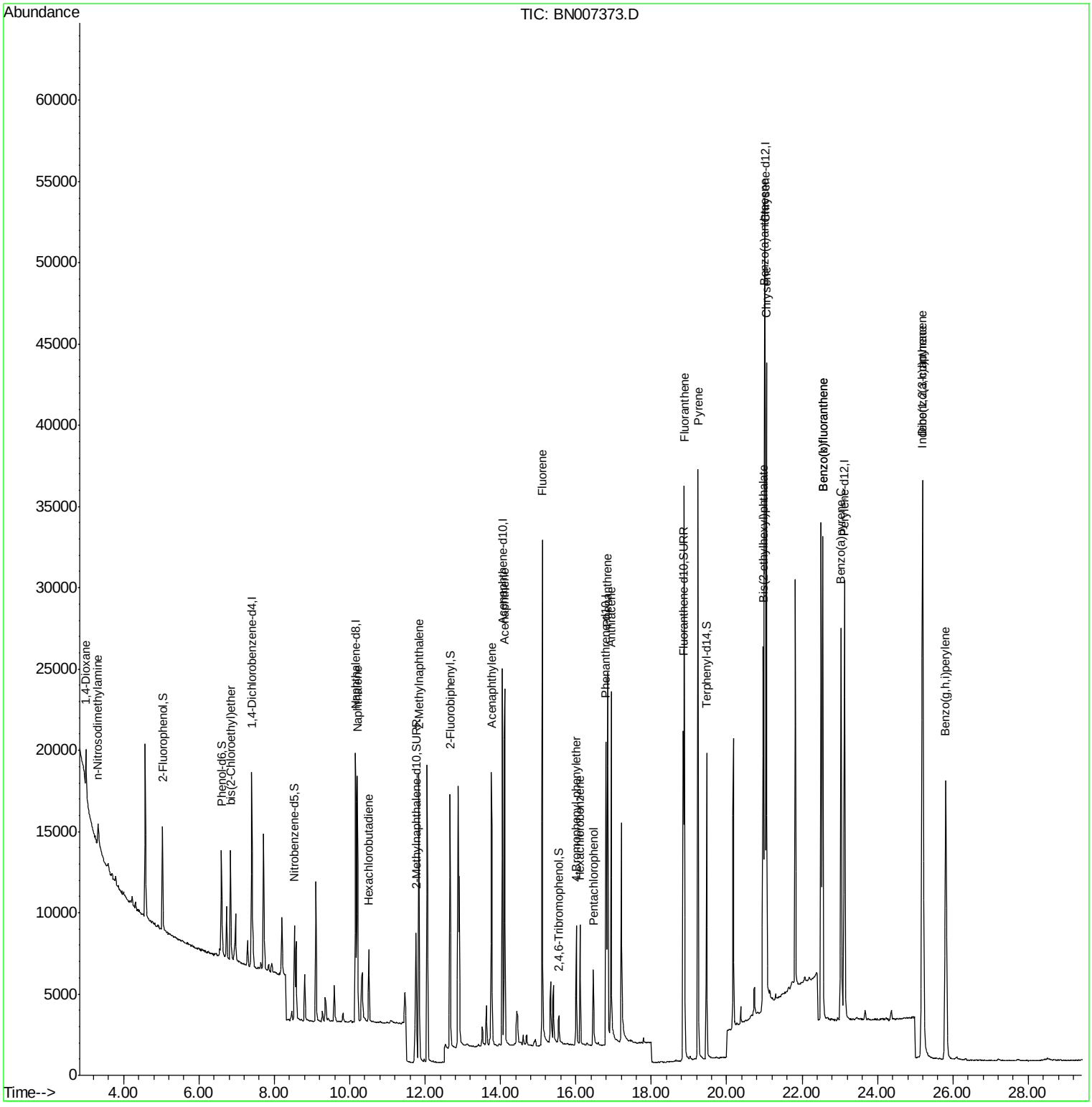
(#) = qualifier out of range (m) = manual integration (+) = signals summed

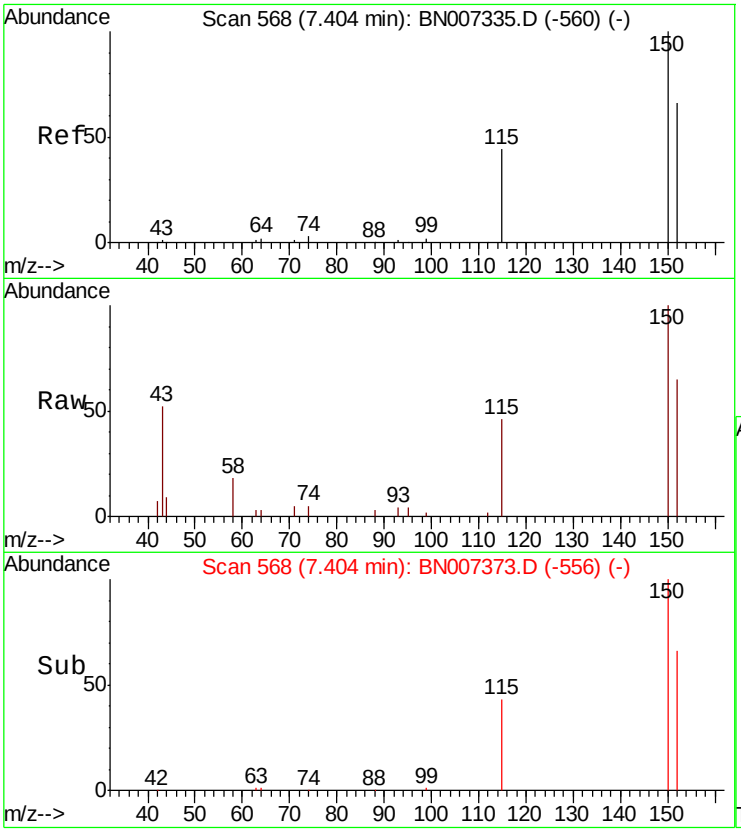
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN082419\
Data File : BN007373.D
Acq On : 24 Aug 2019 20:54
Operator : HP/JU
Sample : PB122469BS
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB122469BS

Quant Time: Aug 24 23:43:23 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN082319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Aug 24 00:38:17 2019
Response via : Initial Calibration



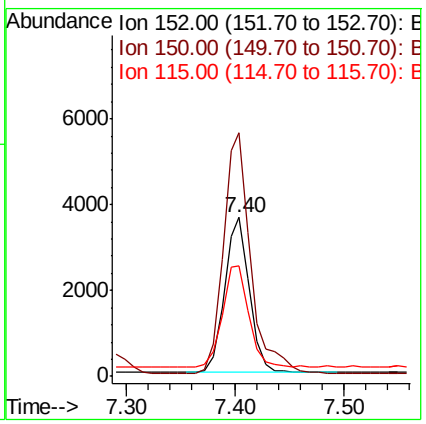


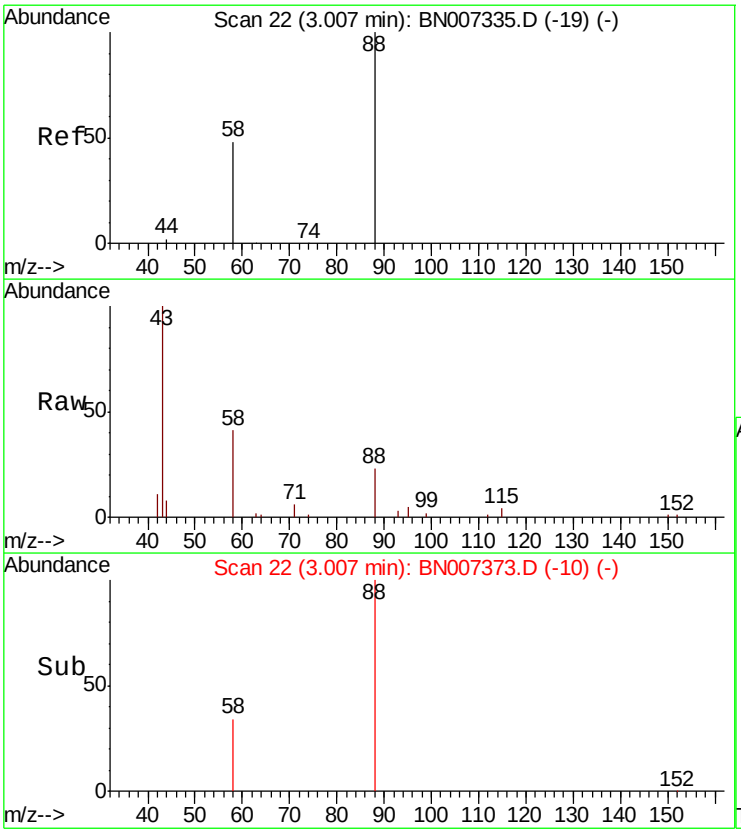
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.40 min Scan# 568
Delta R.T. -0.00 min
Lab File: BN007373.D
Acq: 24 Aug 2019 20:54

Instrument :
BNA_N
ClientSampleId :
PB122469BS

Tgt Ion:152 Resp: 5814

Ion	Ratio	Lower	Upper
152	100		
150	153.1	109.1	163.7
115	69.9	59.6	89.4

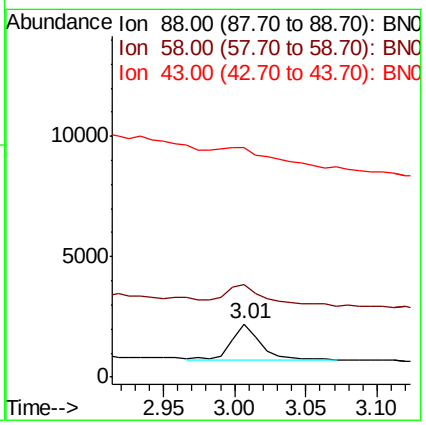


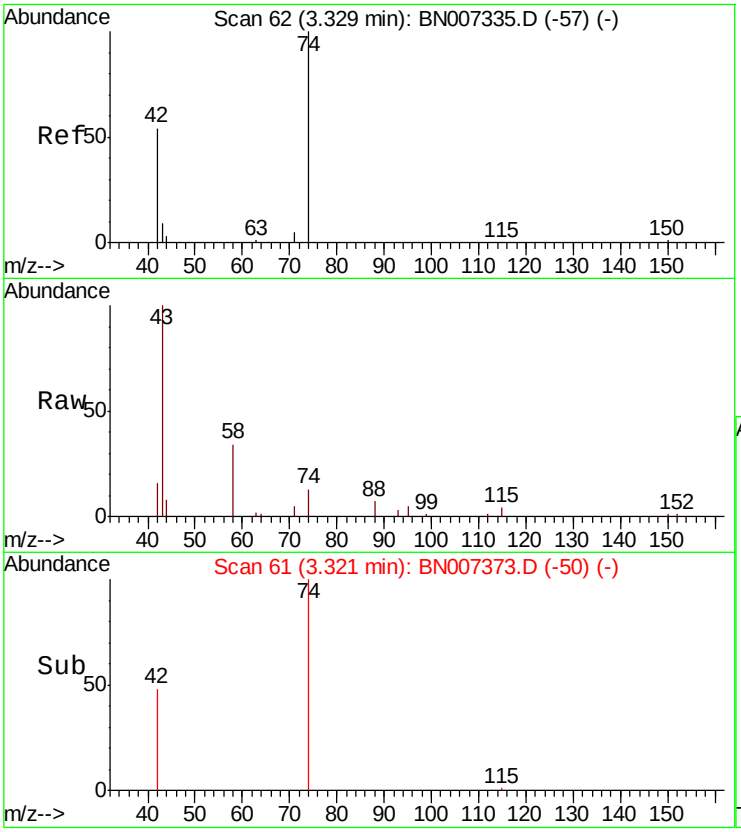


#2
1,4-Dioxane
Concen: 0.214 ng
RT: 3.01 min Scan# 22
Delta R.T. -0.00 min
Lab File: BN007373.D
Acq: 24 Aug 2019 20:54

Tgt Ion: 88 Resp: 2069

Ion	Ratio	Lower	Upper
88	100		
58	78.9	50.5	75.7#
43	0.0	0.0	0.0



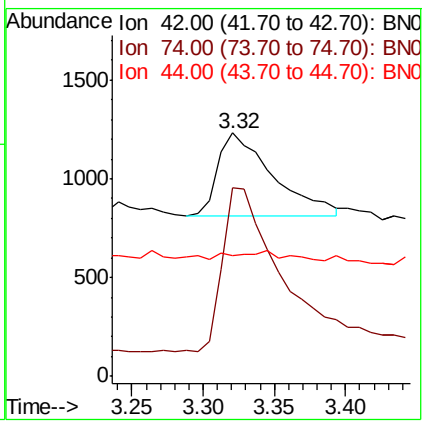


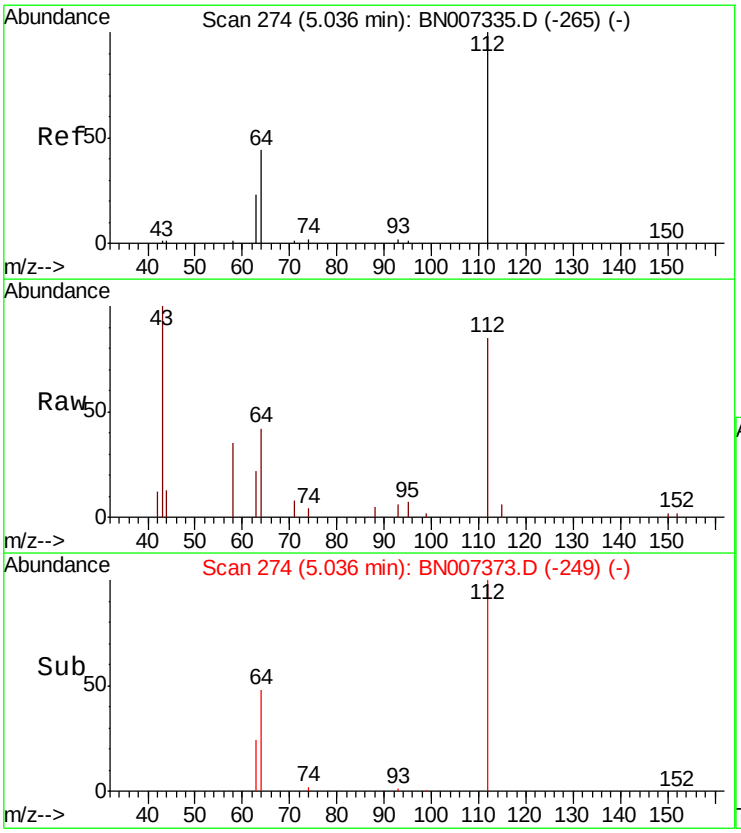
#3
n-Nitrosodimethylamine
Concen: 0.256 ng
RT: 3.32 min Scan# 61
Delta R.T. -0.01 min
Lab File: BN007373.D
Acq: 24 Aug 2019 20:54

Instrument :
BNA_N
ClientSampleId :
PB122469BS

Tgt Ion: 42 Resp: 1148

Ion	Ratio	Lower	Upper
42	100		
74	202.9	144.7	217.1
44	0.0	3.2	4.8#

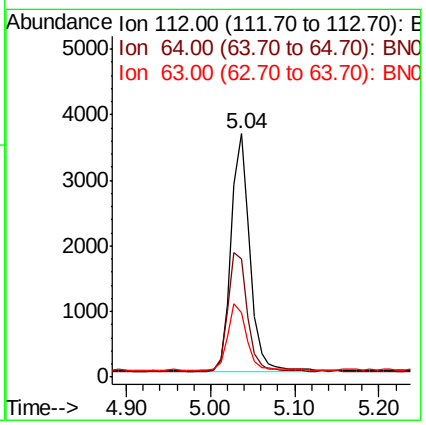


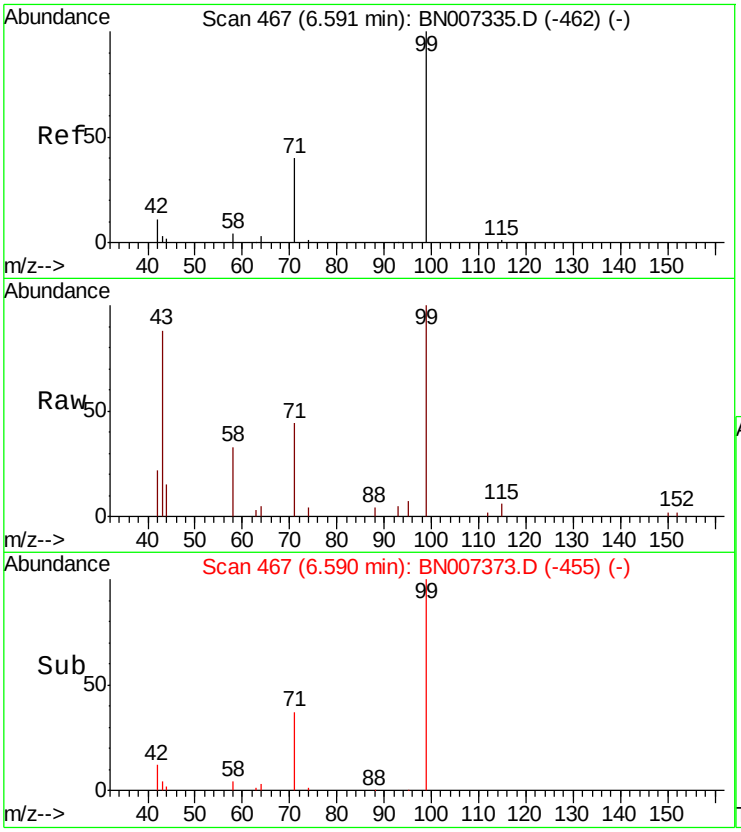


#4
2-Fluorophenol
Concen: 0.266 ng
RT: 5.04 min Scan# 274
Delta R.T. 0.00 min
Lab File: BN007373.D
Acq: 24 Aug 2019 20:54

Tgt Ion:112 Resp: 5567

Ion	Ratio	Lower	Upper
112	100		
64	52.2	42.3	63.5
63	28.1	23.6	35.4



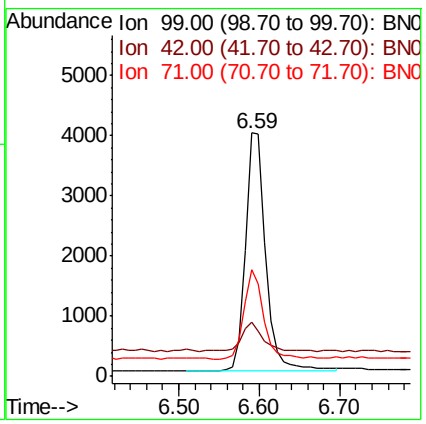


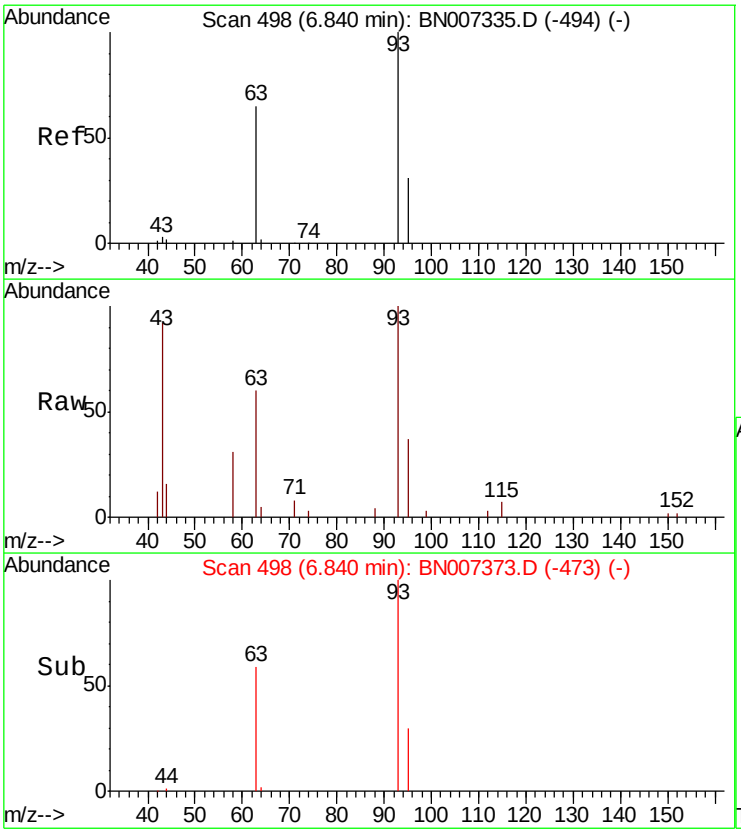
#5
Phenol-d6
Concen: 0.264 ng
RT: 6.59 min Scan# 467
Delta R.T. 0.00 min
Lab File: BN007373.D
Acq: 24 Aug 2019 20:54

Instrument :
BNA_N
ClientSampleId :
PB122469BS

Tgt Ion: 99 Resp: 7042

Ion	Ratio	Lower	Upper
99	100		
42	12.9	11.2	16.8
71	37.1	31.8	47.8

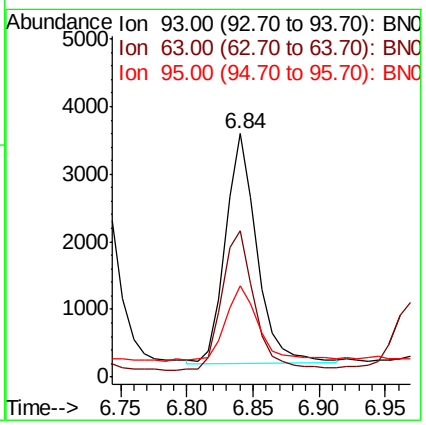


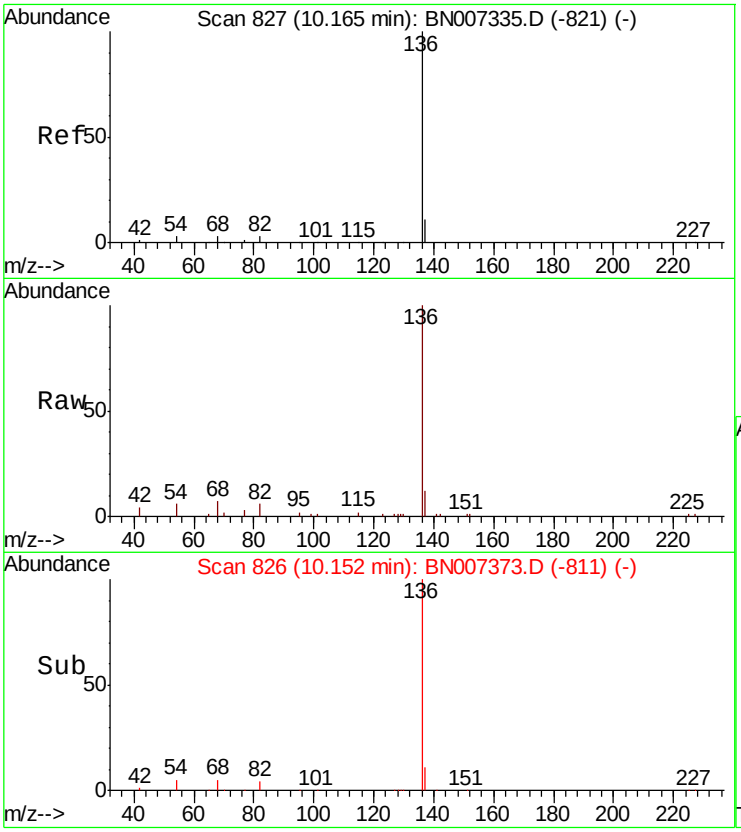


#6
bis(2-Chloroethyl)ether
Concen: 0.265 ng
RT: 6.84 min Scan# 498
Delta R.T. -0.00 min
Lab File: BN007373.D
Acq: 24 Aug 2019 20:54

Tgt Ion: 93 Resp: 5567

Ion	Ratio	Lower	Upper
93	100		
63	63.1	51.9	77.9
95	34.8	27.7	41.5



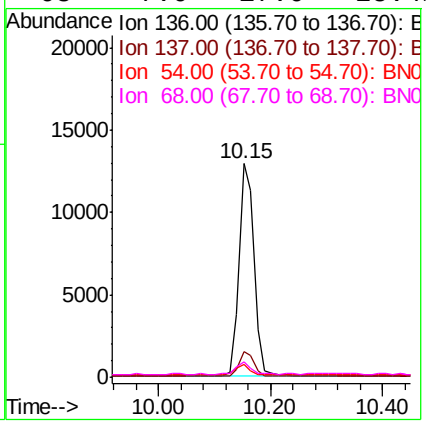


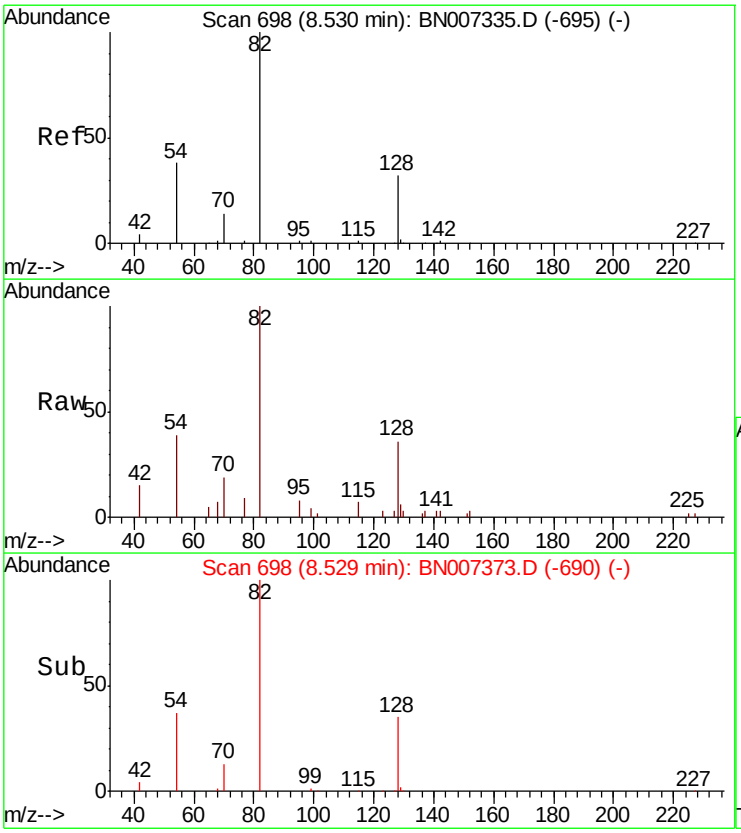
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.15 min Scan# 826
Delta R.T. -0.01 min
Lab File: BN007373.D
Acq: 24 Aug 2019 20:54

Instrument :
BNA_N
ClientSampleId :
PB122469BS

Tgt Ion:136 Resp: 24284

Ion	Ratio	Lower	Upper
136	100		
137	11.7	12.9	19.3#
54	6.1	8.6	12.8#
68	7.0	17.0	25.4#

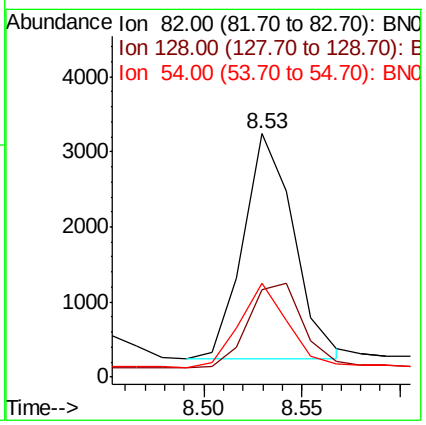


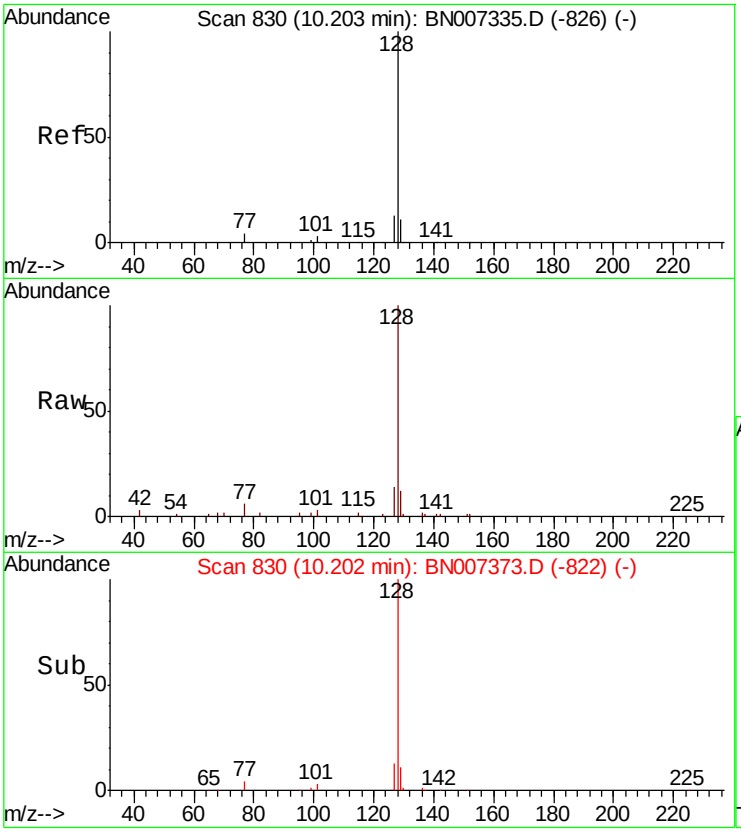


#8
Nitrobenzene-d5
Concen: 0.256 ng
RT: 8.53 min Scan# 698
Delta R.T. -0.00 min
Lab File: BN007373.D
Acq: 24 Aug 2019 20:54

Tgt Ion: 82 Resp: 5406

Ion	Ratio	Lower	Upper
82	100		
128	36.1	19.7	29.5#
54	38.7	25.8	38.6#



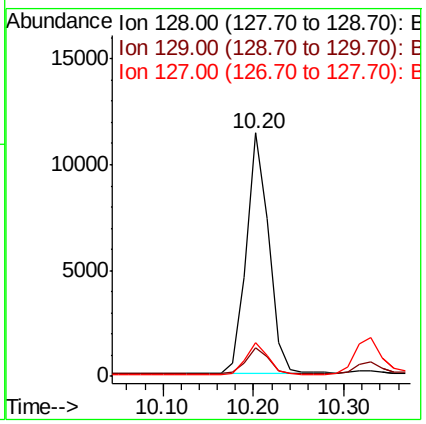


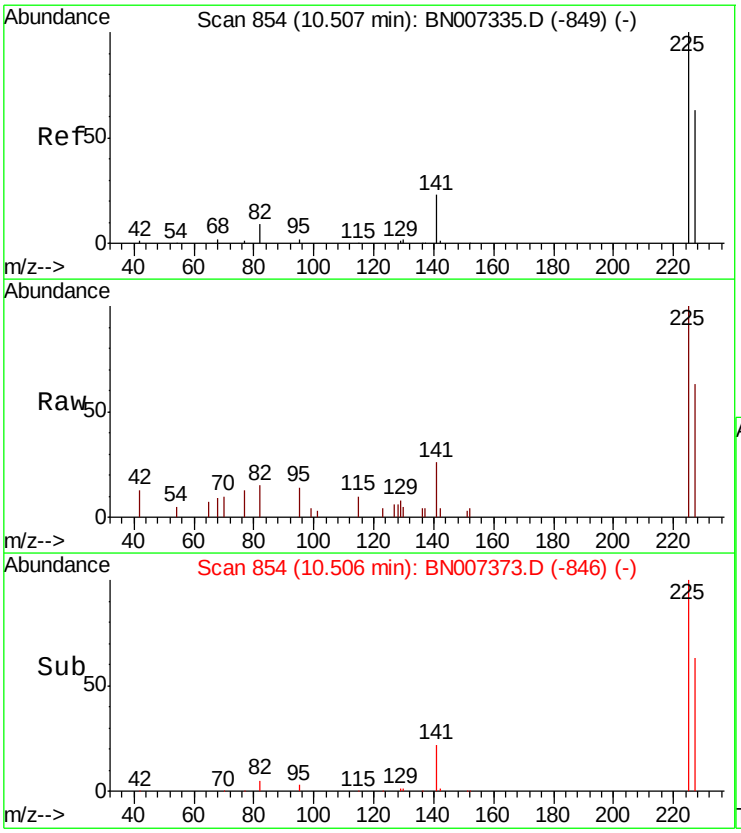
#9
Naphthalene
Concen: 0.281 ng
RT: 10.20 min Scan# 830
Delta R.T. -0.00 min
Lab File: BN007373.D
Acq: 24 Aug 2019 20:54

Instrument :
BNA_N
ClientSampleId :
PB122469BS

Tgt Ion:128 Resp: 19503

Ion	Ratio	Lower	Upper
128	100		
129	11.7	11.1	16.7
127	13.7	15.5	23.3#

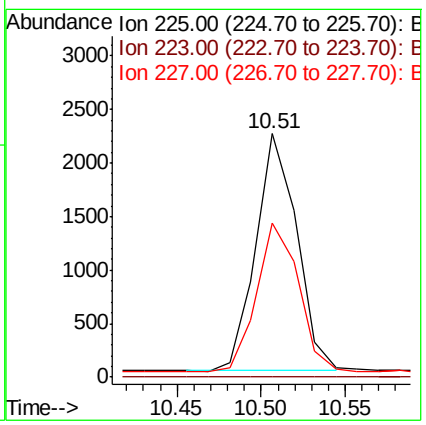


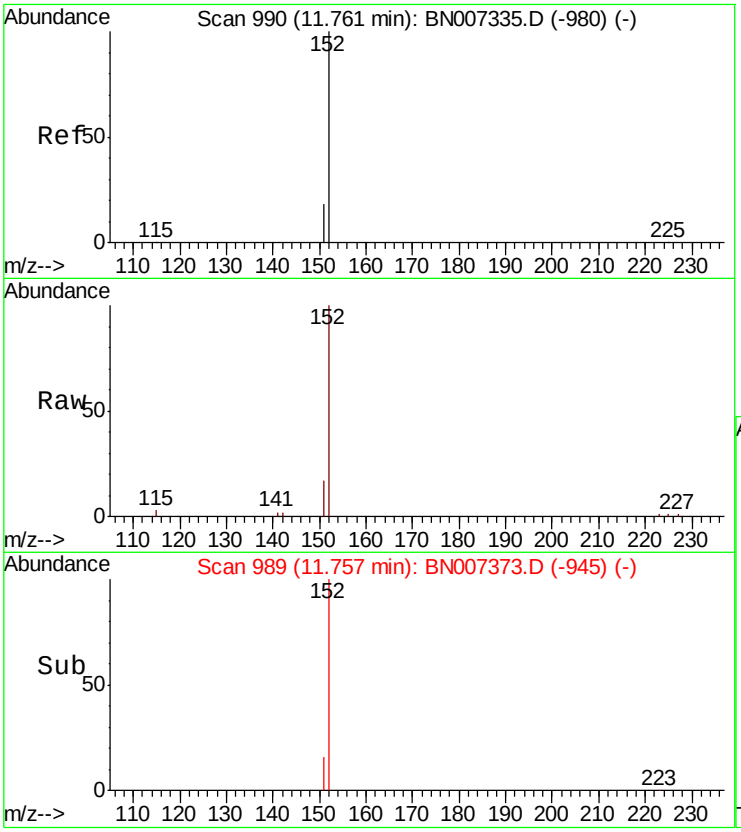


#10
Hexachlorobutadiene
Concen: 0.263 ng
RT: 10.51 min Scan# 854
Delta R.T. -0.00 min
Lab File: BN007373.D
Acq: 24 Aug 2019 20:54

Tgt Ion:225 Resp: 3734

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.8	50.7	76.1



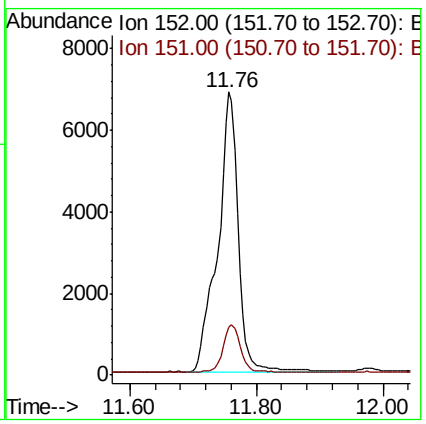


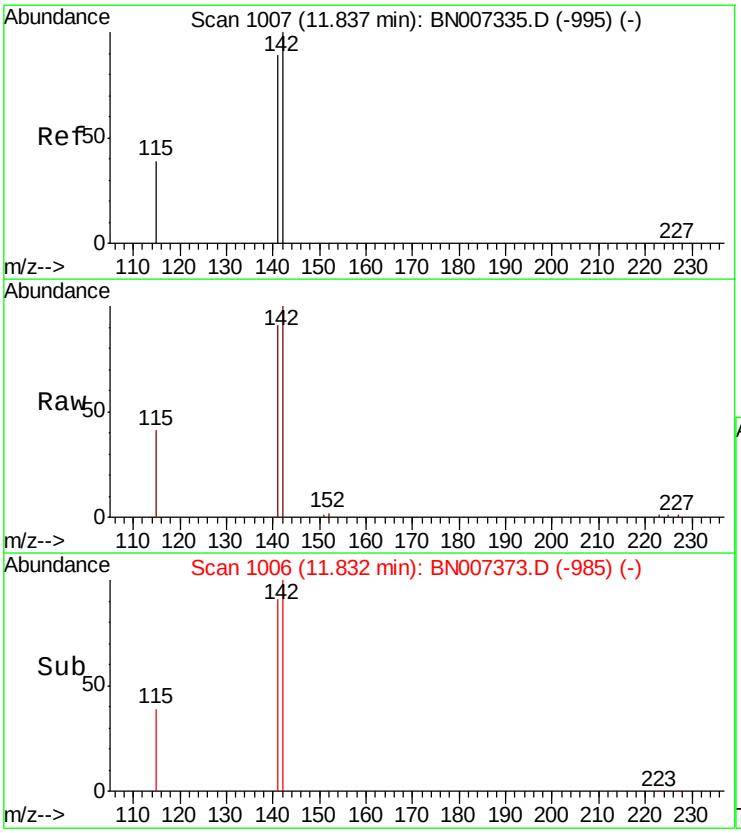
#11
2-Methylnaphthalene-d10
Concen: 0.381 ng
RT: 11.76 min Scan# 989
Delta R.T. -0.00 min
Lab File: BN007373.D
Acq: 24 Aug 2019 20:54

Instrument :
BNA_N
ClientSampleId :
PB122469BS

Tgt Ion:152 Resp: 15382

Ion	Ratio	Lower	Upper
152	100		
151	14.3	16.2	24.2#

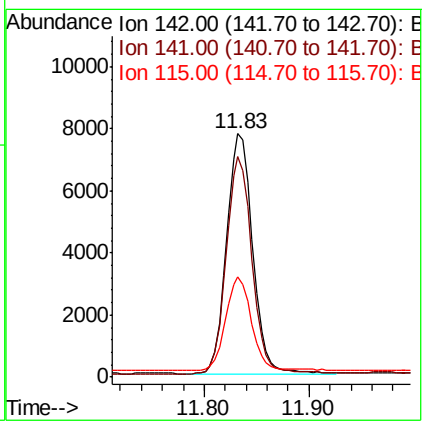


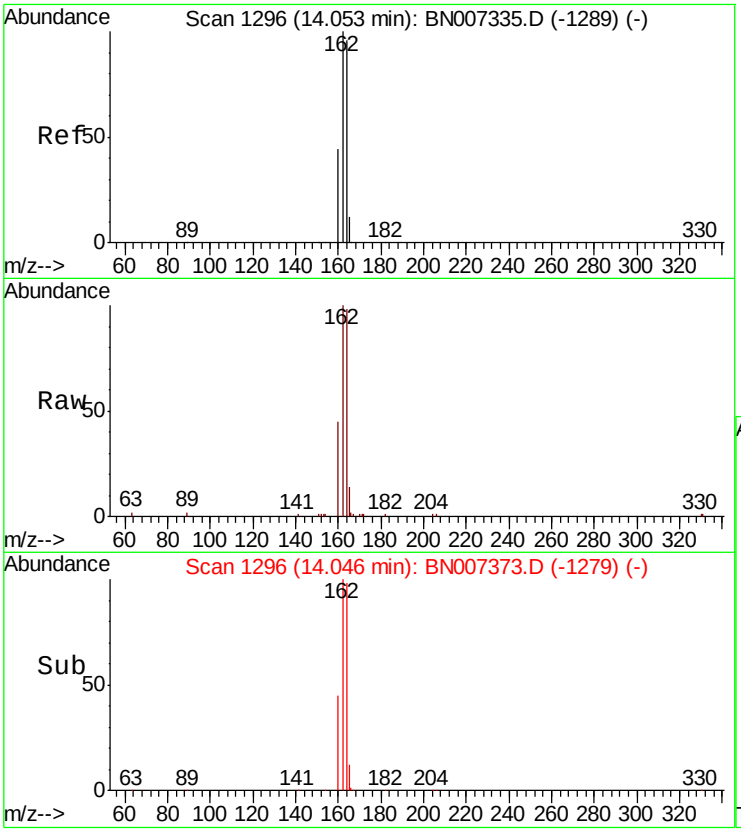


#12
2-Methylnaphthalene
Concen: 0.282 ng
RT: 11.83 min Scan# 1006
Delta R.T. -0.00 min
Lab File: BN007373.D
Acq: 24 Aug 2019 20:54

Tgt Ion:142 Resp: 13332

Ion	Ratio	Lower	Upper
142	100		
141	90.6	72.8	109.2
115	41.1	35.2	52.8



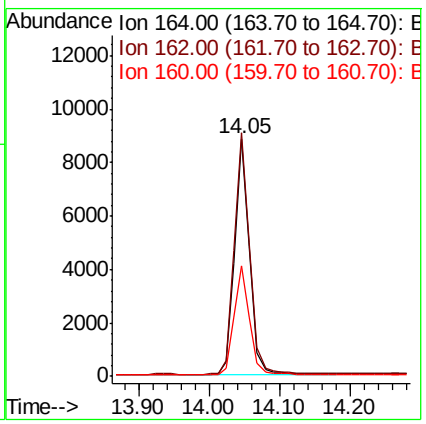


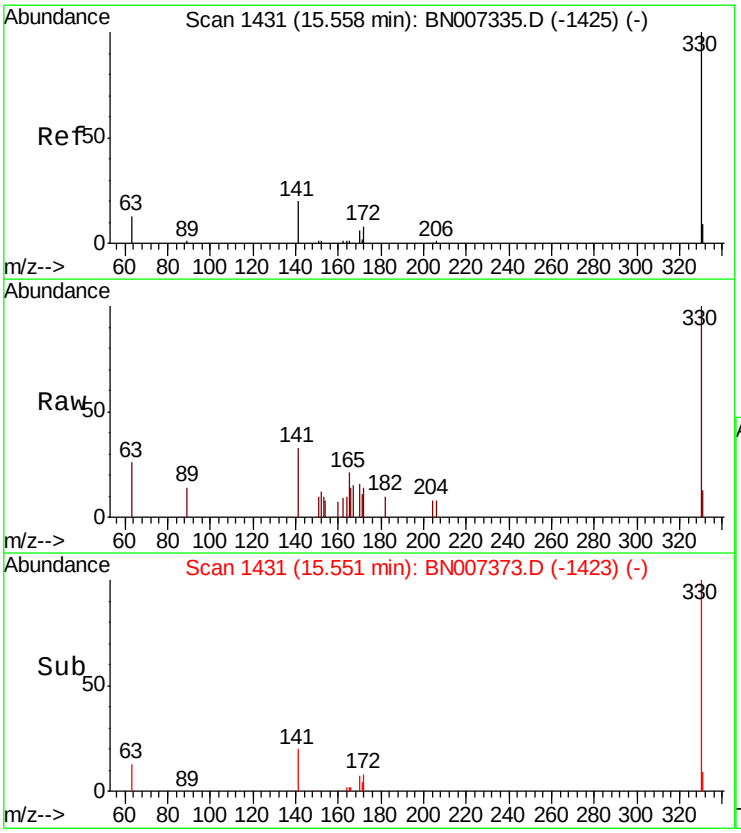
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.05 min Scan# 1296
Delta R.T. -0.01 min
Lab File: BN007373.D
Acq: 24 Aug 2019 20:54

Instrument :
BNA_N
ClientSampleId :
PB122469BS

Tgt Ion:164 Resp: 13071

Ion	Ratio	Lower	Upper
164	100		
162	102.5	83.5	125.3
160	46.5	38.2	57.4

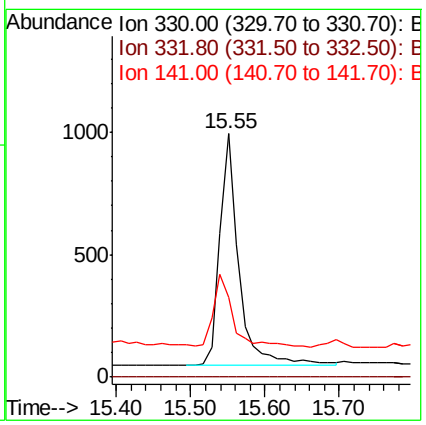


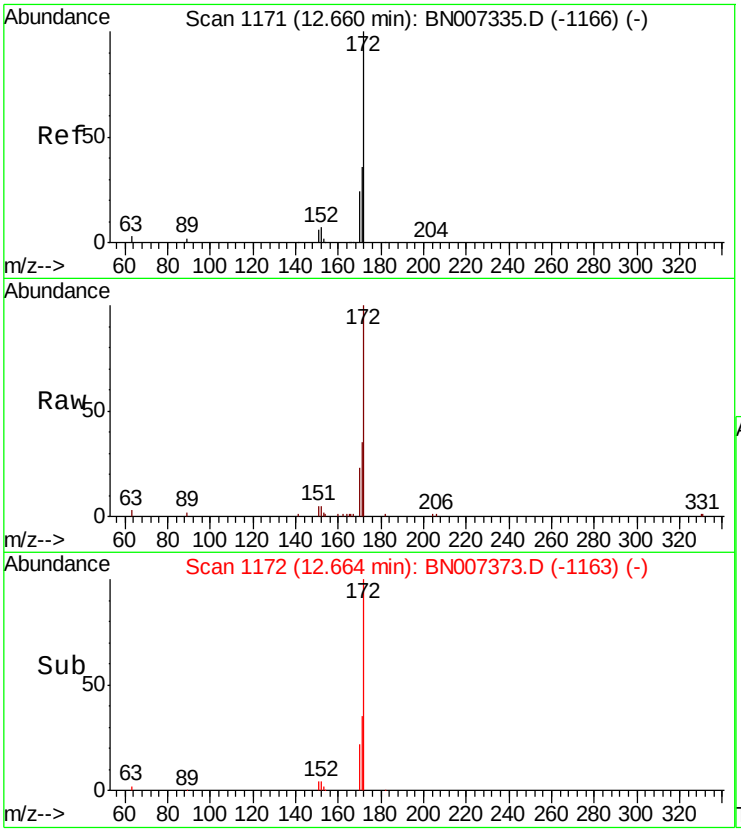


#14
2,4,6-Tribromophenol
Concen: 0.249 ng
RT: 15.55 min Scan# 1431
Delta R.T. -0.01 min
Lab File: BN007373.D
Acq: 24 Aug 2019 20:54

Tgt Ion:330 Resp: 1701

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	32.2	26.9	40.3



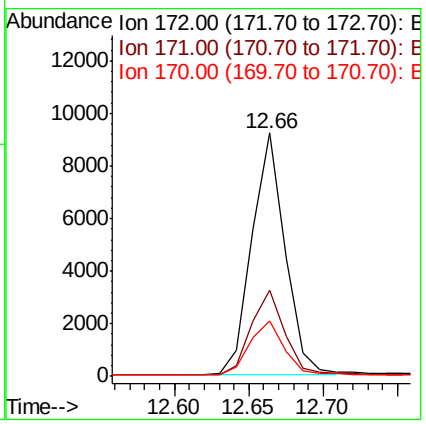


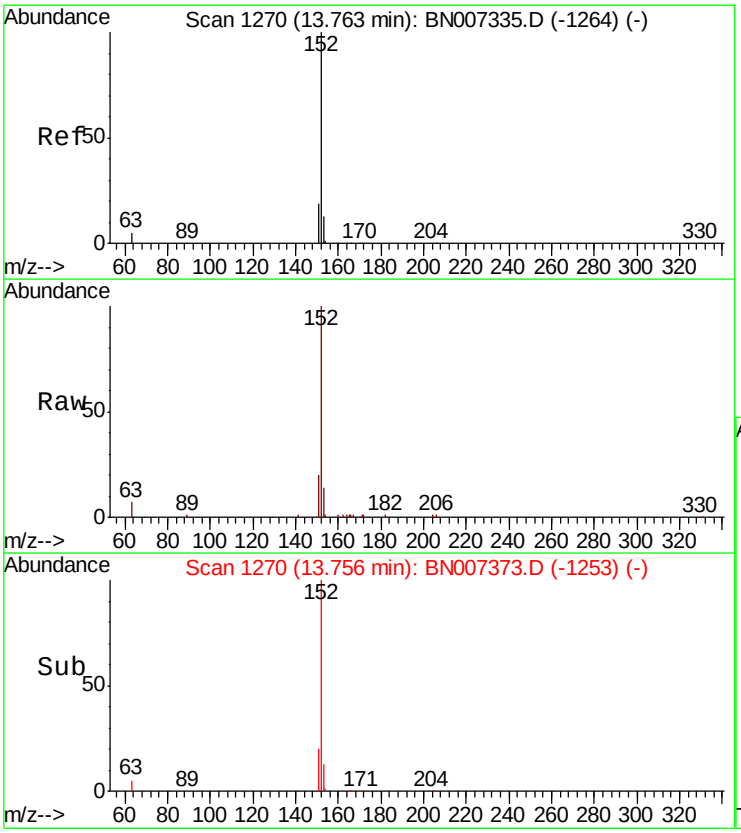
#15
2-Fluorobiphenyl
Concen: 0.271 ng
RT: 12.66 min Scan# 1172
Delta R.T. 0.00 min
Lab File: BN007373.D
Acq: 24 Aug 2019 20:54

Instrument :
BNA_N
ClientSampleId :
PB122469BS

Tgt Ion:172 Resp: 14311

Ion	Ratio	Lower	Upper
172	100		
171	35.2	30.3	45.5
170	23.0	20.7	31.1

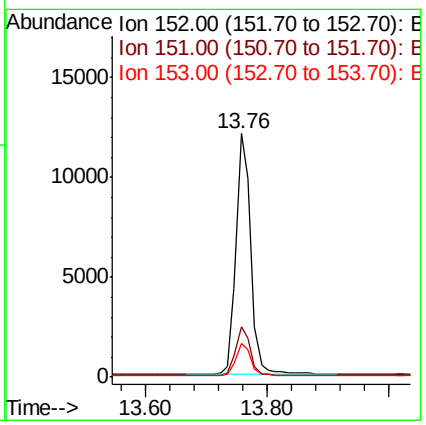


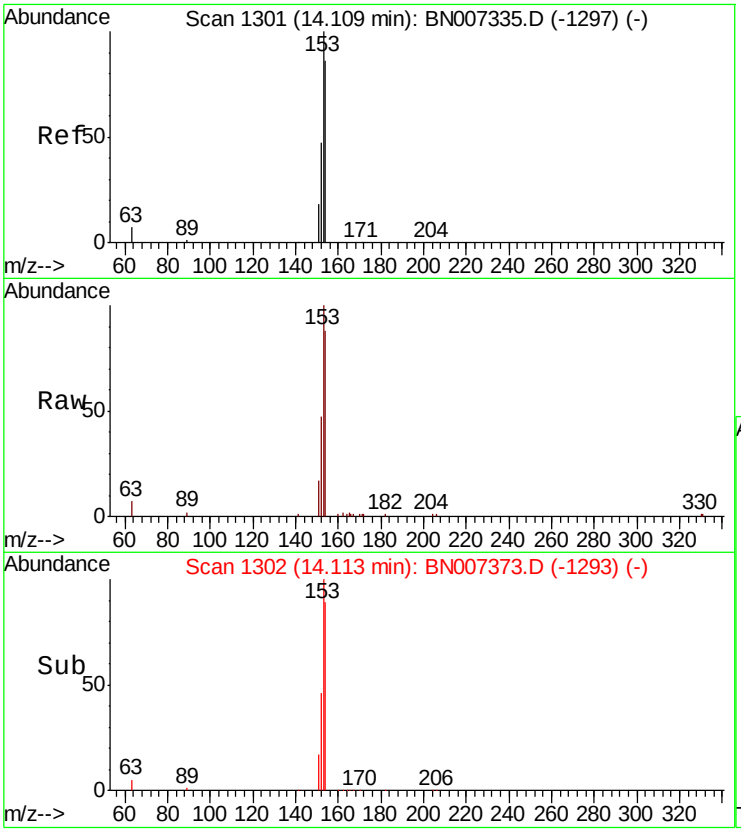


#16
Acenaphthylene
Concen: 0.266 ng
RT: 13.76 min Scan# 1270
Delta R.T. -0.01 min
Lab File: BN007373.D
Acq: 24 Aug 2019 20:54

Tgt Ion:152 Resp: 20569

Ion	Ratio	Lower	Upper
152	100		
151	19.8	16.1	24.1
153	13.1	10.6	15.8



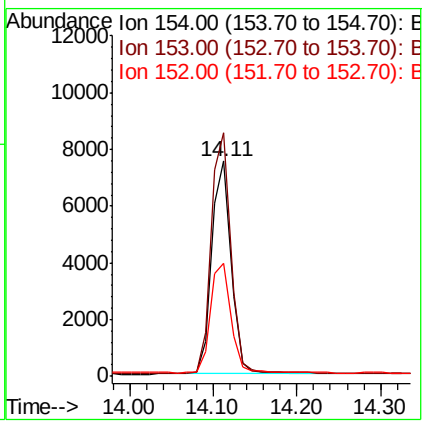


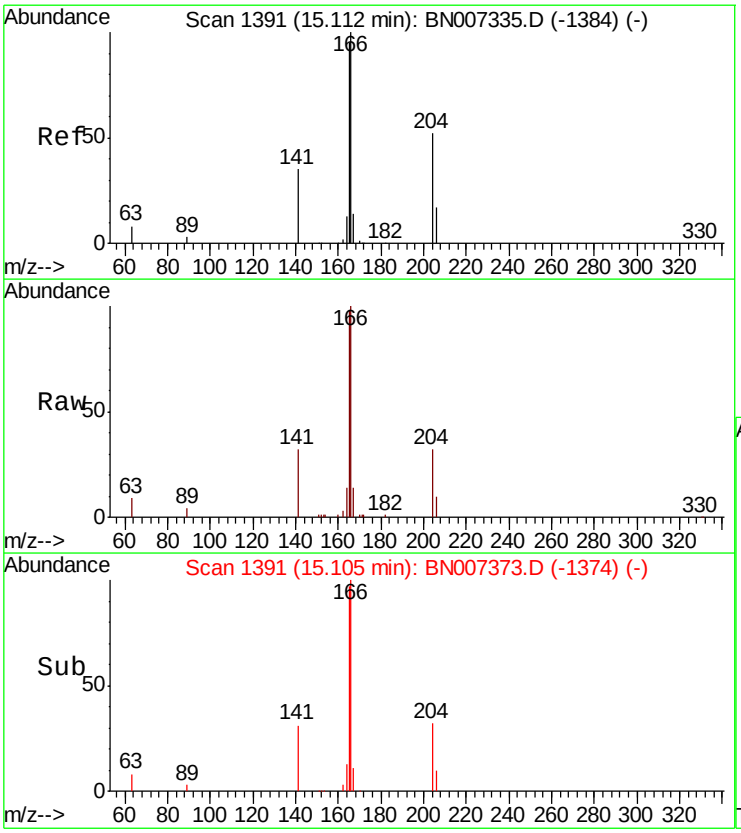
#17
Acenaphthene
Concen: 0.269 ng
RT: 14.11 min Scan# 1302
Delta R.T. 0.00 min
Lab File: BN007373.D
Acq: 24 Aug 2019 20:54

Instrument :
BNA_N
ClientSampleId :
PB122469BS

Tgt Ion:154 Resp: 12169

Ion	Ratio	Lower	Upper
154	100		
153	115.3	92.8	139.2
152	54.2	43.8	65.8

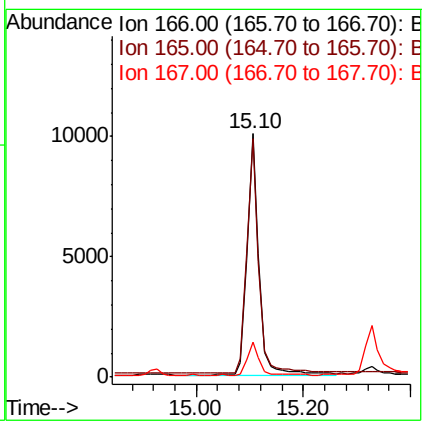


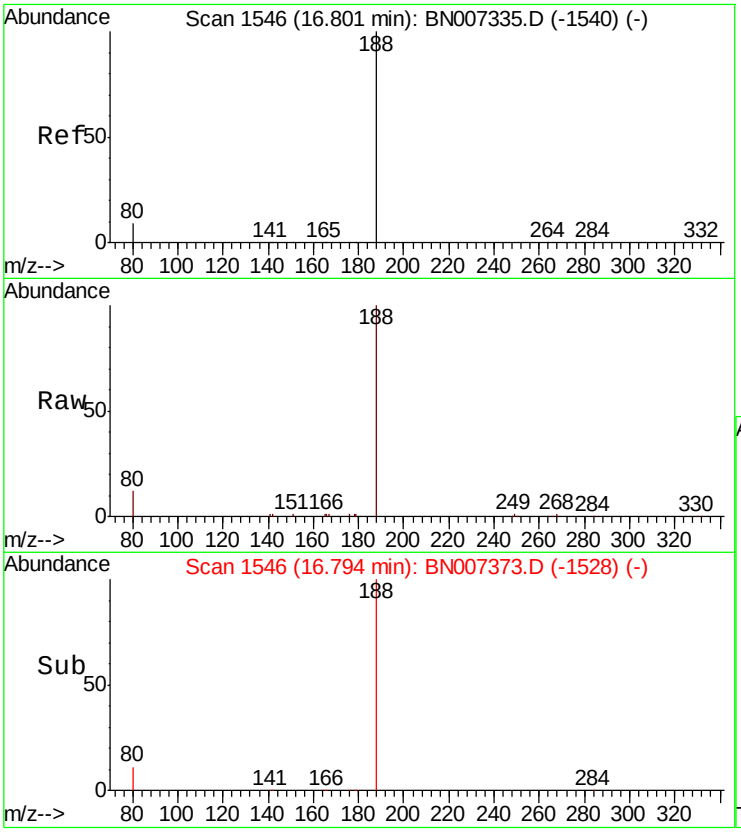


#18
Fluorene
Concen: 0.270 ng
RT: 15.10 min Scan# 1391
Delta R.T. -0.01 min
Lab File: BN007373.D
Acq: 24 Aug 2019 20:54

Tgt Ion:166 Resp: 15426

Ion	Ratio	Lower	Upper
166	100		
165	97.7	79.0	118.4
167	13.1	10.6	15.8



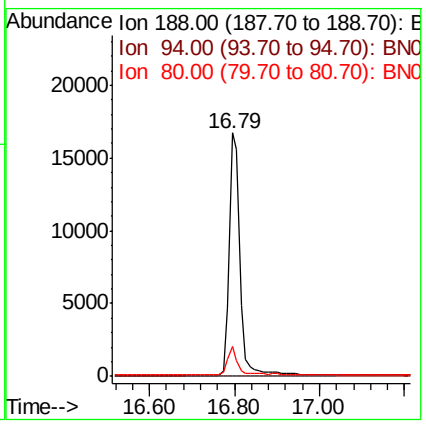


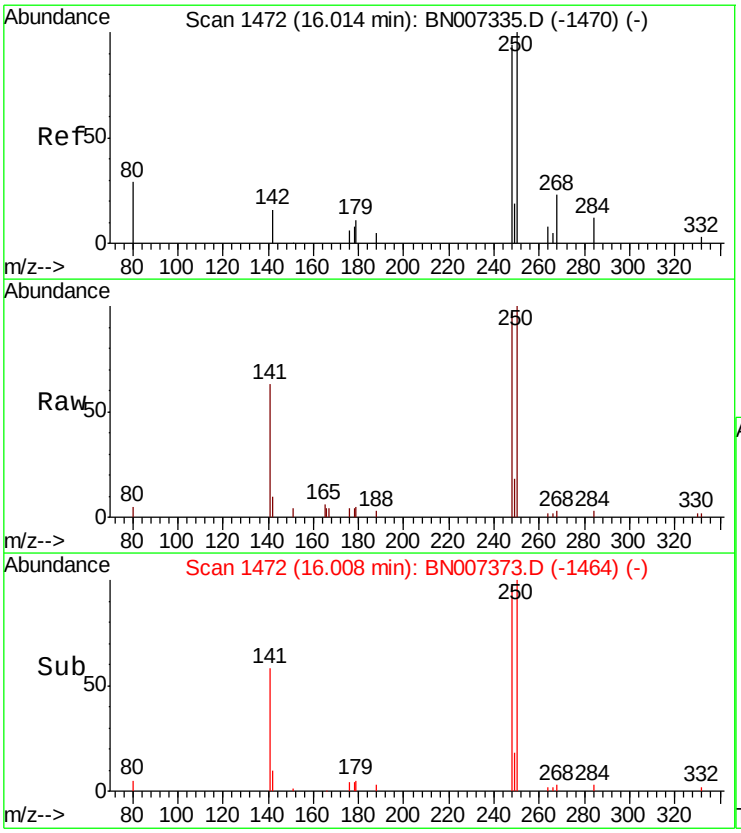
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.79 min Scan# 1546
Delta R.T. -0.01 min
Lab File: BN007373.D
Acq: 24 Aug 2019 20:54

Instrument :
BNA_N
ClientSampleId :
PB122469BS

Tgt Ion:188 Resp: 29776

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	12.1	11.8	17.8

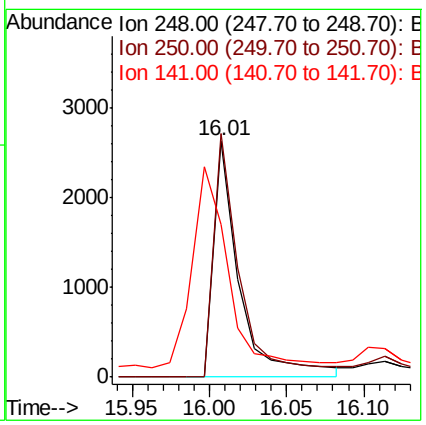


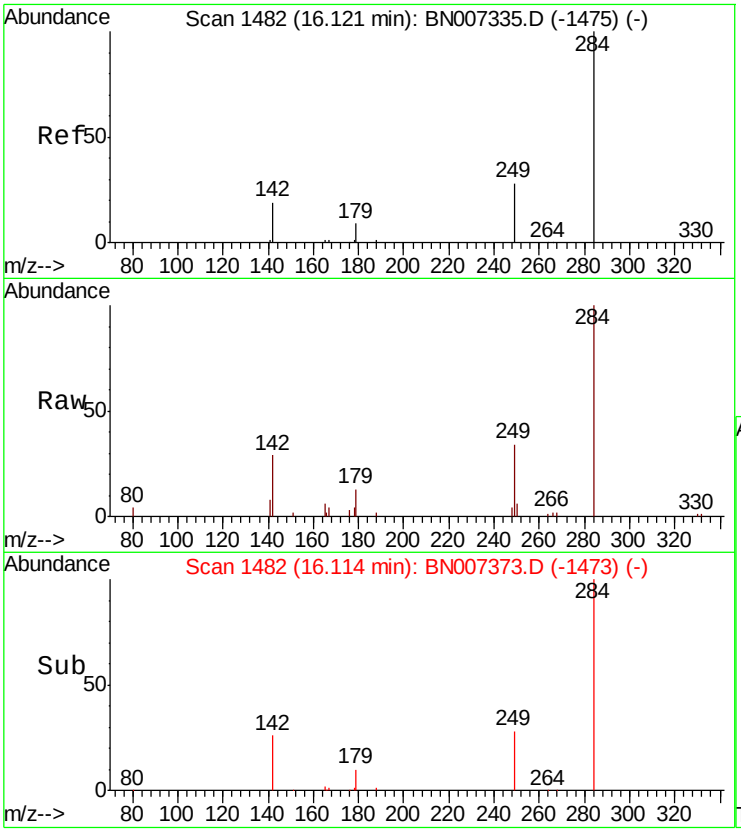


#20
4-Bromophenyl-phenylether
Concen: 0.260 ng
RT: 16.01 min Scan# 1472
Delta R.T. -0.01 min
Lab File: BN007373.D
Acq: 24 Aug 2019 20:54

Tgt Ion:248 Resp: 3055

Ion	Ratio	Lower	Upper
248	100		
250	102.9	85.0	127.6
141	64.5	51.7	77.5



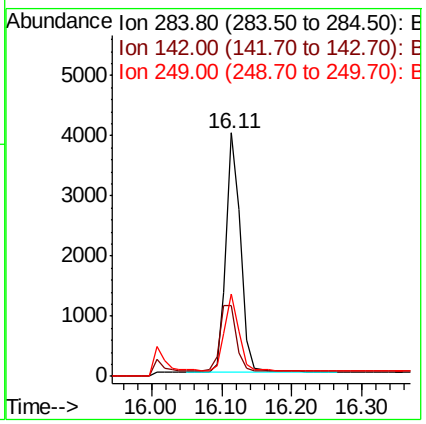


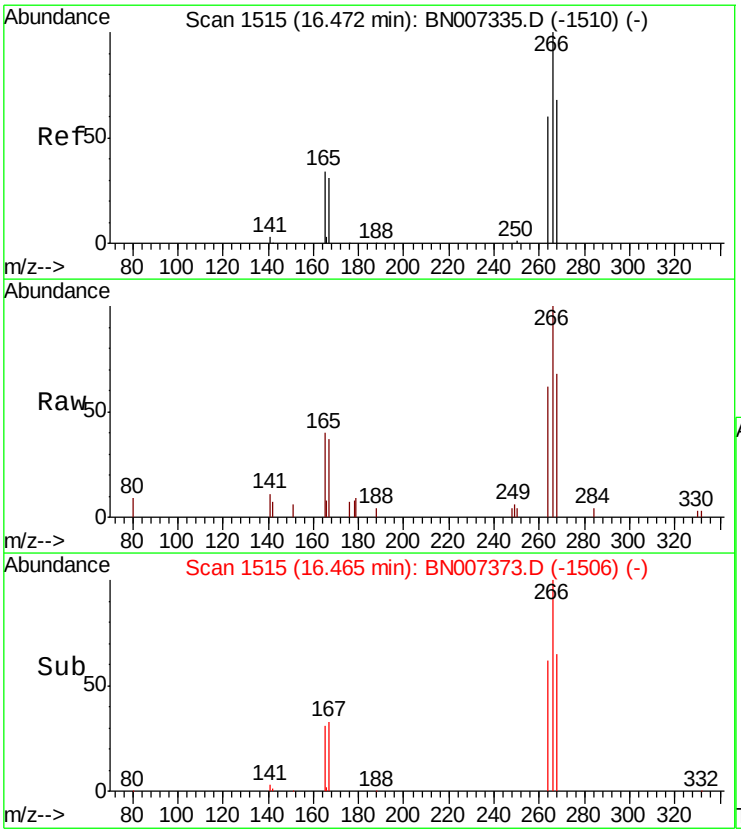
#21
Hexachlorobenzene
Concen: 0.285 ng
RT: 16.11 min Scan# 1482
Delta R.T. -0.01 min
Lab File: BN007373.D
Acq: 24 Aug 2019 20:54

Instrument :
BNA_N
ClientSampleId :
PB122469BS

Tgt Ion:284 Resp: 5691

Ion	Ratio	Lower	Upper
284	100		
142	32.5	29.0	43.6
249	30.9	24.9	37.3

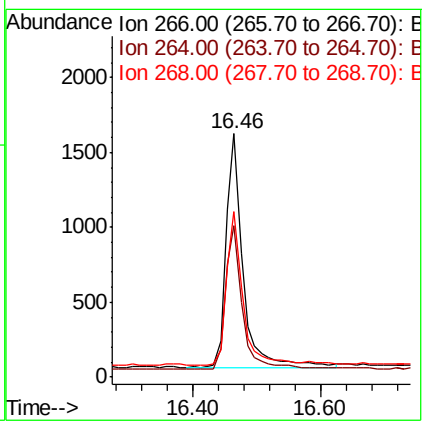


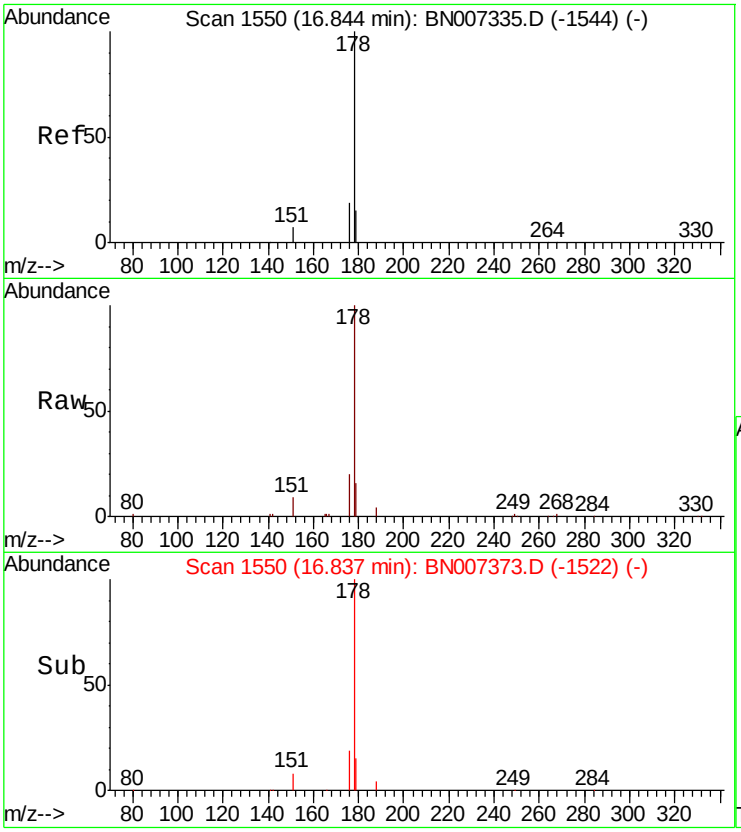


#22
Pentachlorophenol
Concen: 0.458 ng
RT: 16.46 min Scan# 1515
Delta R.T. -0.01 min
Lab File: BN007373.D
Acq: 24 Aug 2019 20:54

Tgt Ion:266 Resp: 2839

Ion	Ratio	Lower	Upper
266	100		
264	62.4	57.8	86.8
268	67.8	99.7	149.5#



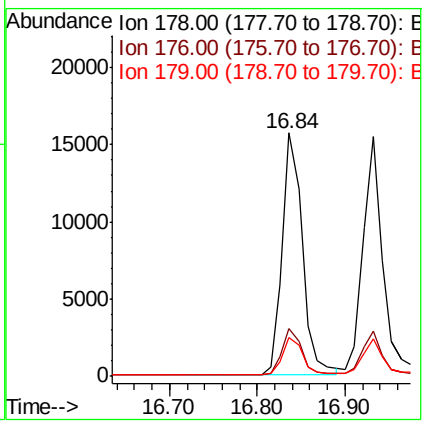


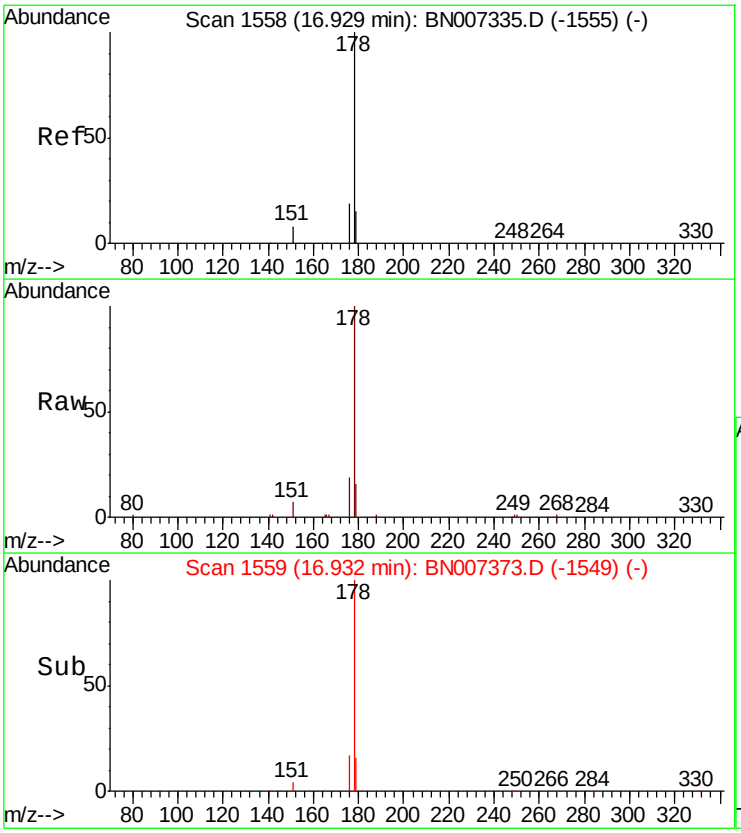
#23
Phenanthrene
Concen: 0.277 ng
RT: 16.84 min Scan# 1550
Delta R.T. -0.01 min
Lab File: BN007373.D
Acq: 24 Aug 2019 20:54

Instrument :
BNA_N
ClientSampleId :
PB122469BS

Tgt Ion:178 Resp: 24822

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.3	22.9
179	15.3	12.6	19.0

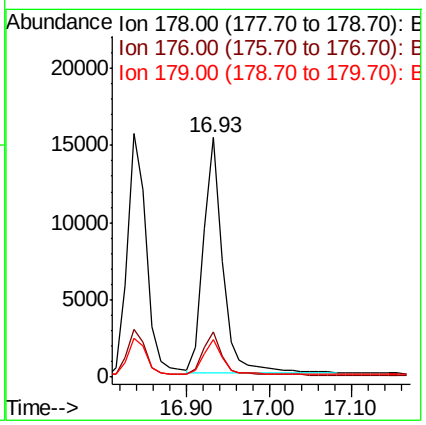


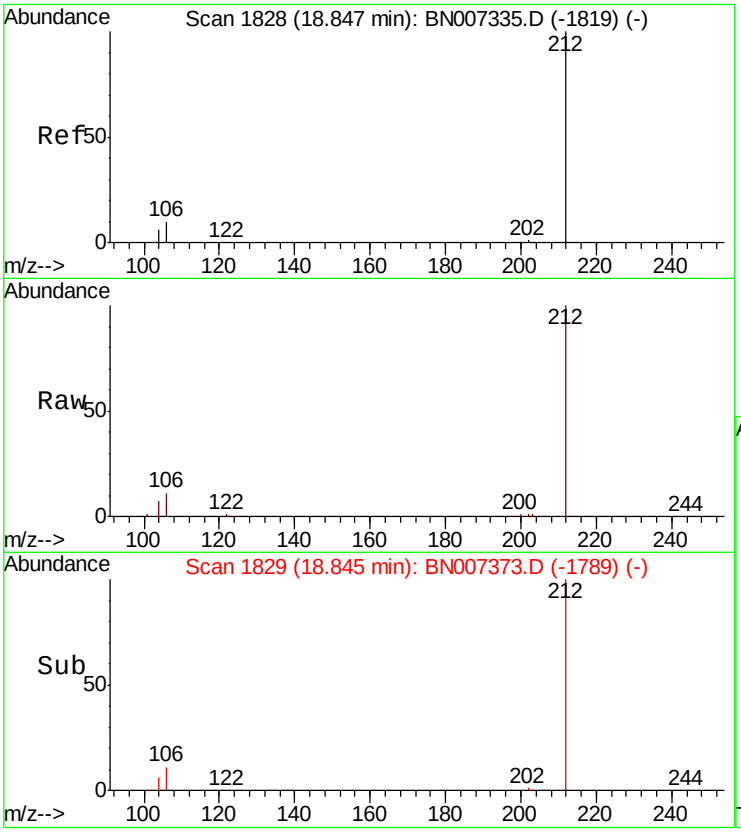


#24
Anthracene
Concen: 0.267 ng
RT: 16.93 min Scan# 1559
Delta R.T. 0.00 min
Lab File: BN007373.D
Acq: 24 Aug 2019 20:54

Tgt Ion:178 Resp: 24018

Ion	Ratio	Lower	Upper
178	100		
176	18.5	14.9	22.3
179	15.2	12.4	18.6



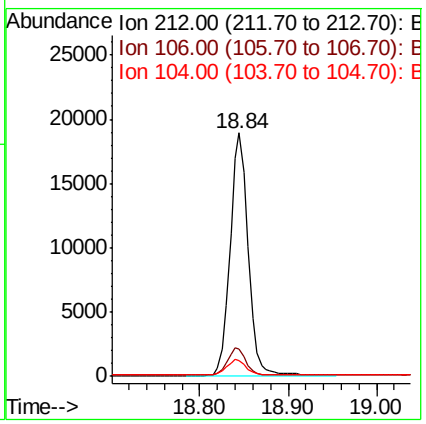


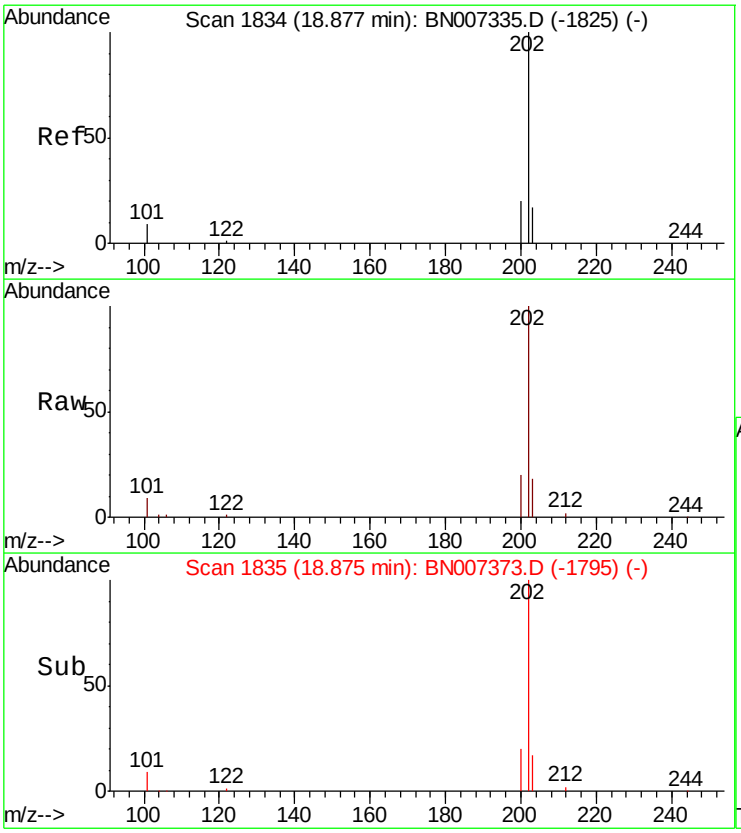
#25
Fluoranthene-d10
Concen: 0.280 ng
RT: 18.84 min Scan# 1829
Delta R.T. -0.00 min
Lab File: BN007373.D
Acq: 24 Aug 2019 20:54

Instrument :
BNA_N
ClientSampleId :
PB122469BS

Tgt Ion:212 Resp: 26862

Ion	Ratio	Lower	Upper
212	100		
106	11.1	9.0	13.4
104	6.3	5.4	8.2

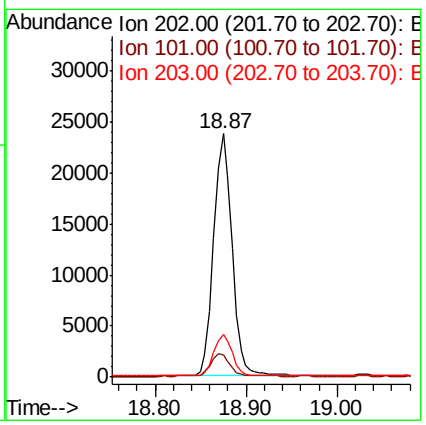


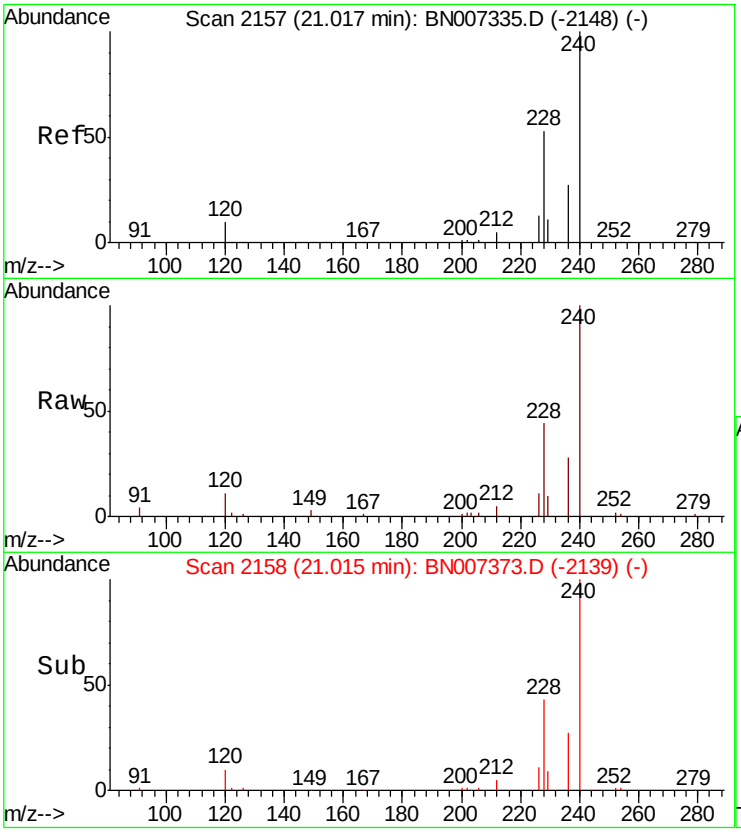


#26
Fluoranthene
Concen: 0.289 ng
RT: 18.87 min Scan# 1835
Delta R.T. -0.00 min
Lab File: BN007373.D
Acq: 24 Aug 2019 20:54

Tgt Ion:202 Resp: 33193

Ion	Ratio	Lower	Upper
202	100		
101	9.5	7.7	11.5
203	17.2	13.7	20.5



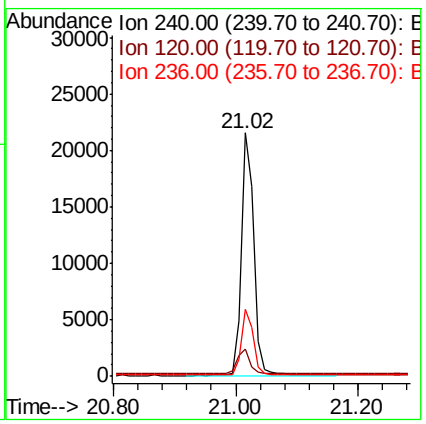


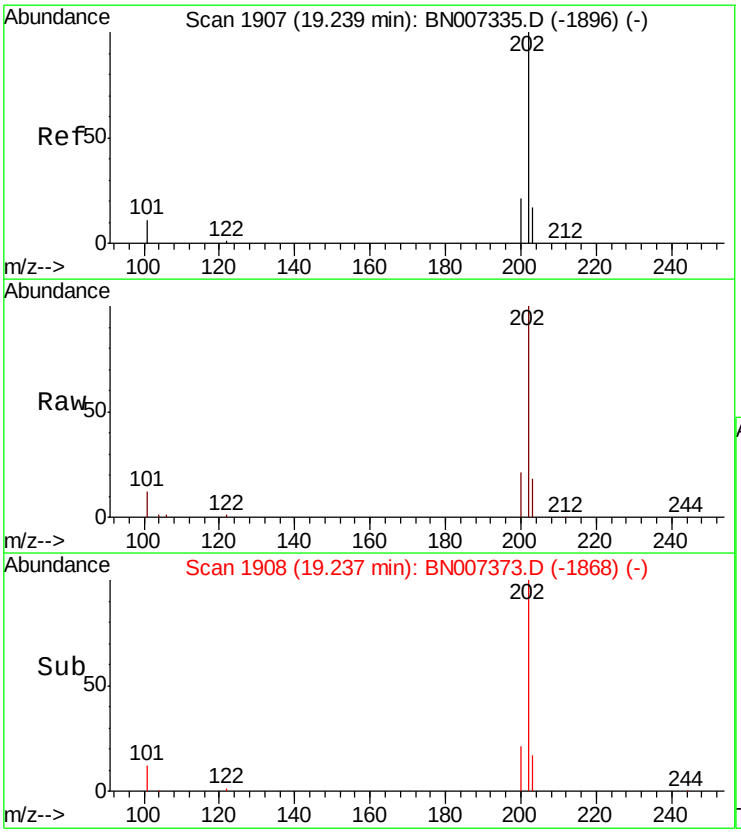
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.02 min Scan# 2158
Delta R.T. -0.00 min
Lab File: BN007373.D
Acq: 24 Aug 2019 20:54

Instrument :
BNA_N
ClientSampleId :
PB122469BS

Tgt Ion:240 Resp: 30582

Ion	Ratio	Lower	Upper
240	100		
120	11.1	9.6	14.4
236	27.6	22.2	33.2

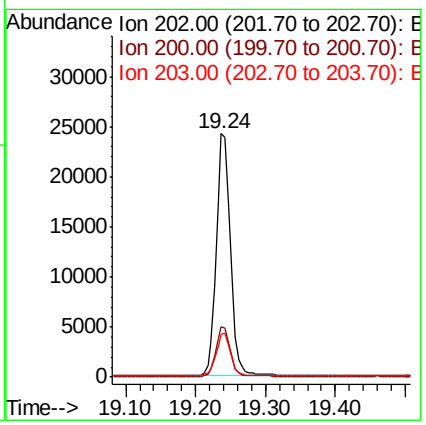


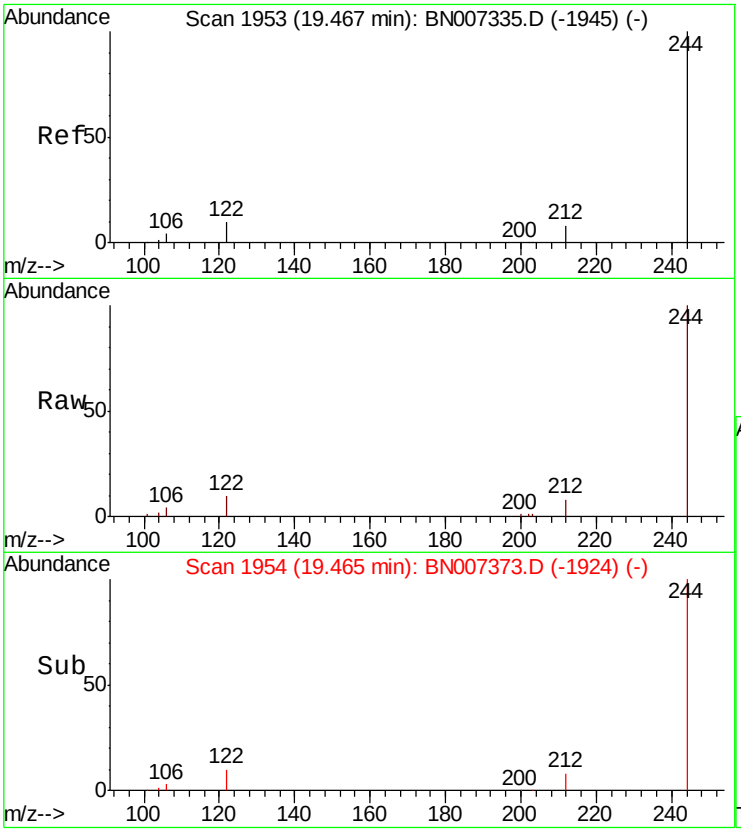


#28
Pyrene
Concen: 0.276 ng
RT: 19.24 min Scan# 1908
Delta R.T. -0.00 min
Lab File: BN007373.D
Acq: 24 Aug 2019 20:54

Tgt Ion:202 Resp: 33988

Ion	Ratio	Lower	Upper
202	100		
200	20.6	16.6	25.0
203	18.0	14.2	21.4



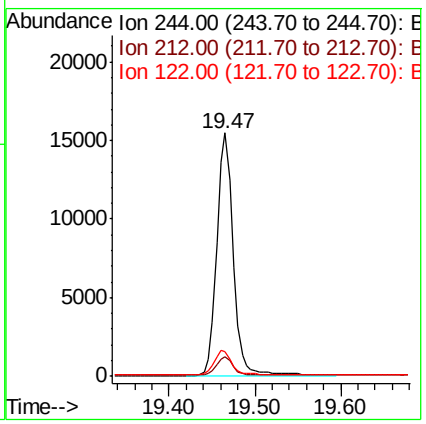


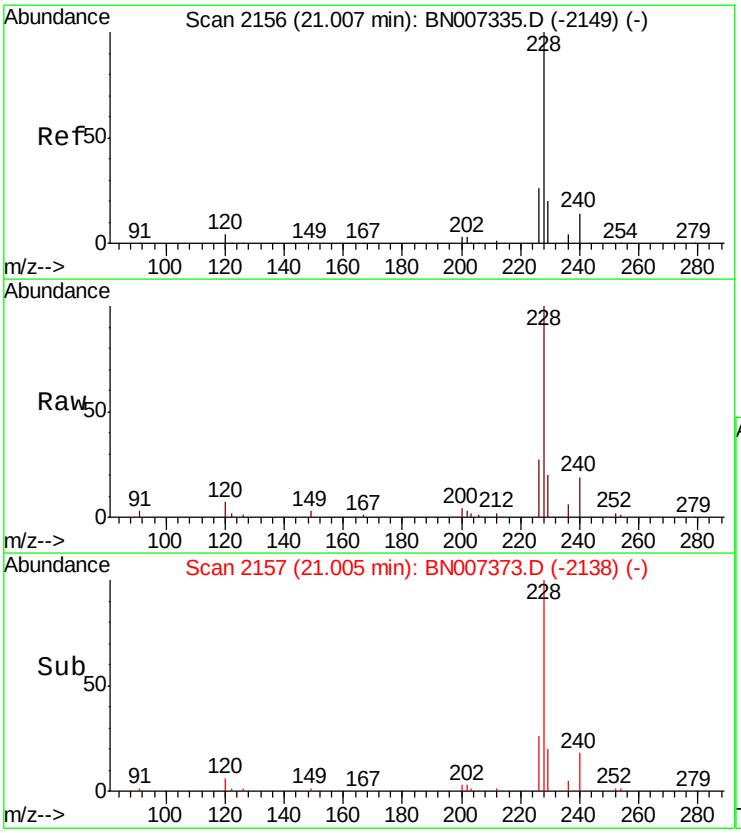
#29
Terphenyl-d14
Concen: 0.257 ng
RT: 19.47 min Scan# 1954
Delta R.T. -0.00 min
Lab File: BN007373.D
Acq: 24 Aug 2019 20:54

Instrument :
BNA_N
ClientSampleId :
PB122469BS

Tgt Ion:244 Resp: 20537

Ion	Ratio	Lower	Upper
244	100		
212	8.2	7.0	10.6
122	10.3	9.6	14.4

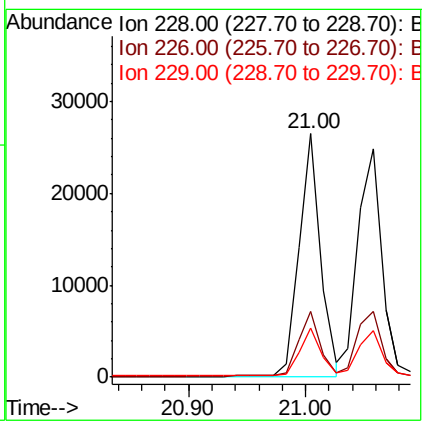


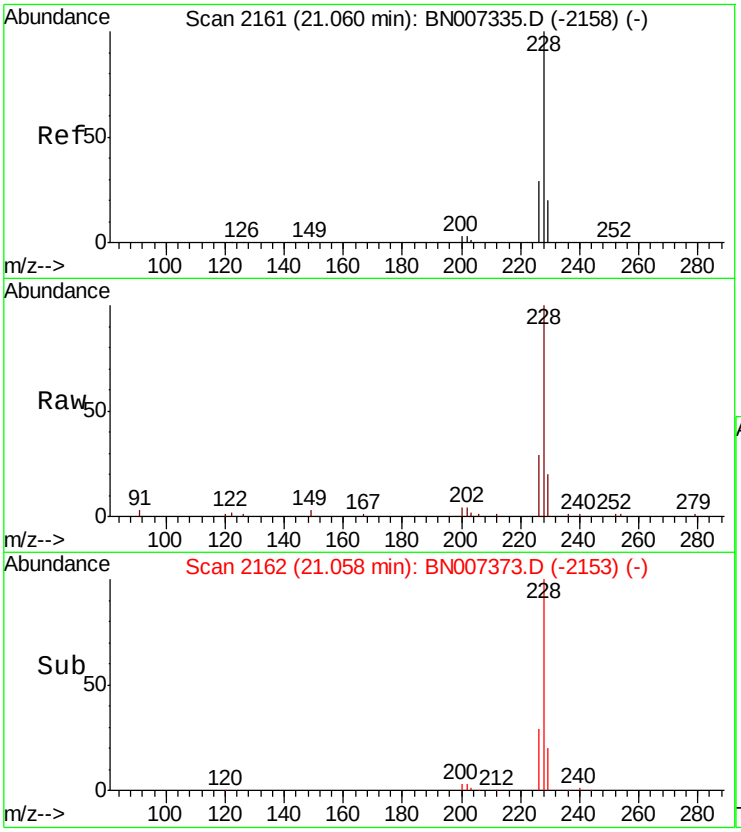


#30
Benzo(a)anthracene
Concen: 0.279 ng
RT: 21.00 min Scan# 2157
Delta R.T. -0.00 min
Lab File: BN007373.D
Acq: 24 Aug 2019 20:54

Tgt Ion:228 Resp: 33565

Ion	Ratio	Lower	Upper
228	100		
226	26.8	21.3	31.9
229	20.2	16.1	24.1



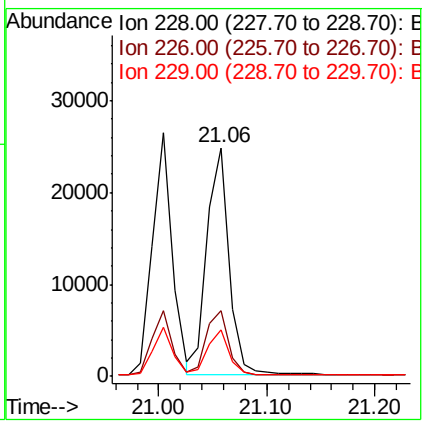


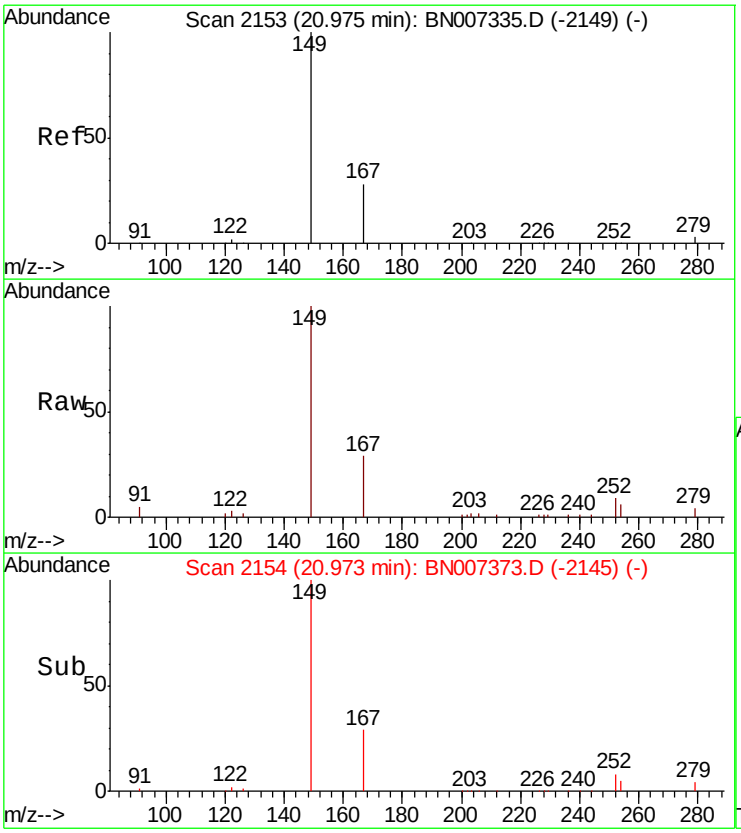
#31
Chrysene
Concen: 0.301 ng
RT: 21.06 min Scan# 2162
Delta R.T. -0.00 min
Lab File: BN007373.D
Acq: 24 Aug 2019 20:54

Instrument :
BNA_N
ClientSampleId :
PB122469BS

Tgt Ion:228 Resp: 34842

Ion	Ratio	Lower	Upper
228	100		
226	29.0	23.5	35.3
229	20.3	16.6	24.8

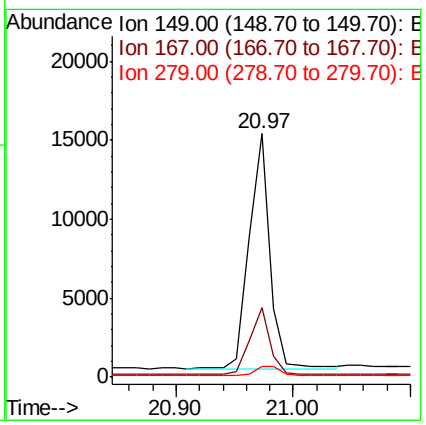


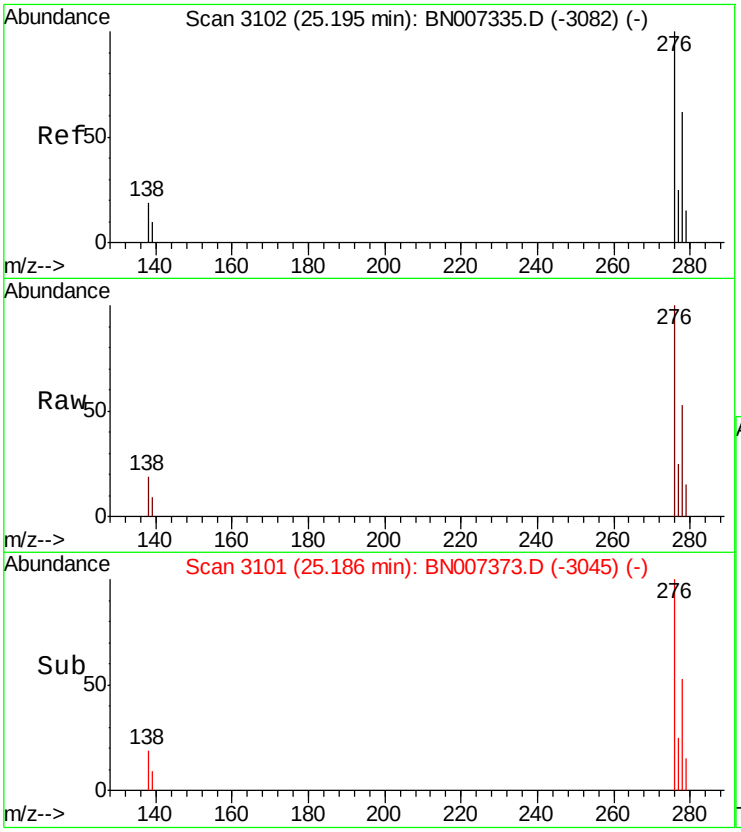


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.216 ng
RT: 20.97 min Scan# 2154
Delta R.T. -0.00 min
Lab File: BN007373.D
Acq: 24 Aug 2019 20:54

Tgt Ion:149 Resp: 18267

Ion	Ratio	Lower	Upper
149	100		
167	27.9	22.8	34.2
279	4.4	3.5	5.3



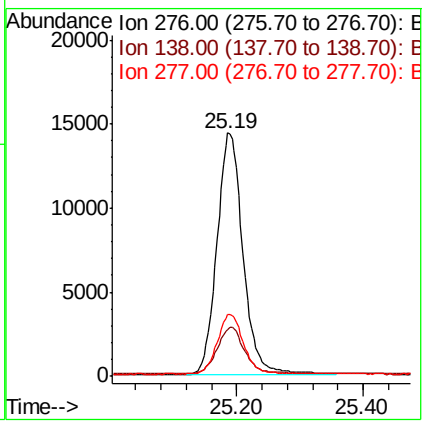


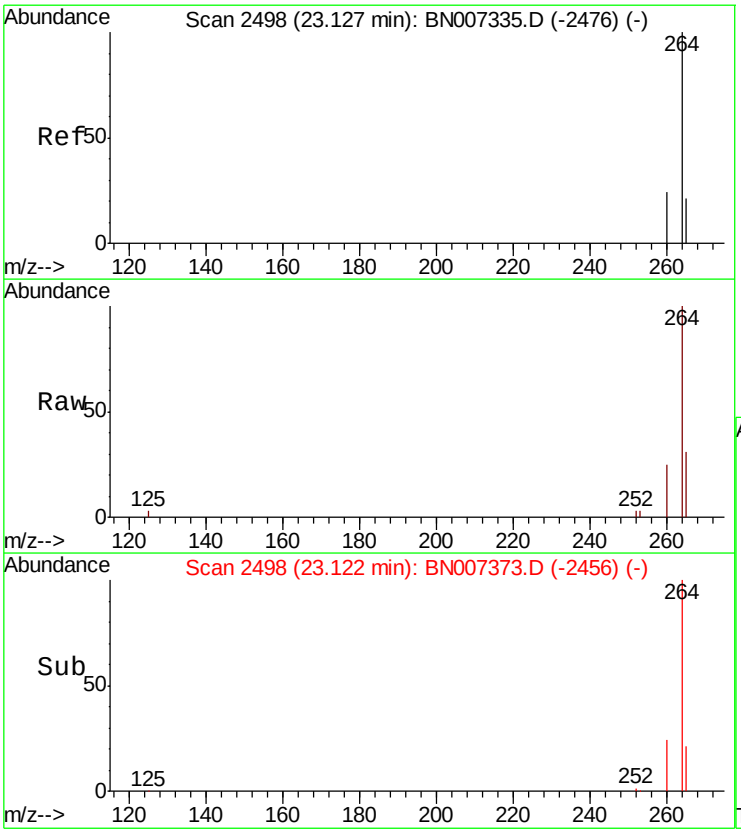
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.296 ng
RT: 25.19 min Scan# 3101
Delta R.T. -0.01 min
Lab File: BN007373.D
Acq: 24 Aug 2019 20:54

Instrument :
BNA_N
ClientSampleId :
PB122469BS

Tgt Ion:276 Resp: 41337

Ion	Ratio	Lower	Upper
276	100		
138	19.2	15.1	22.7
277	24.4	19.7	29.5

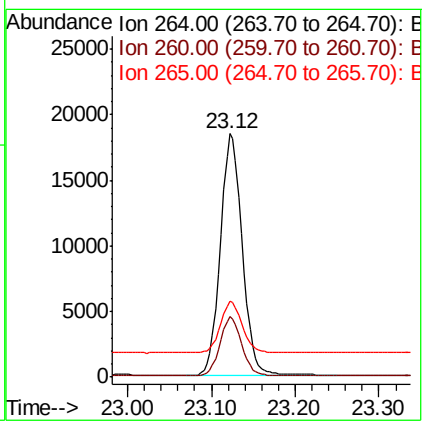


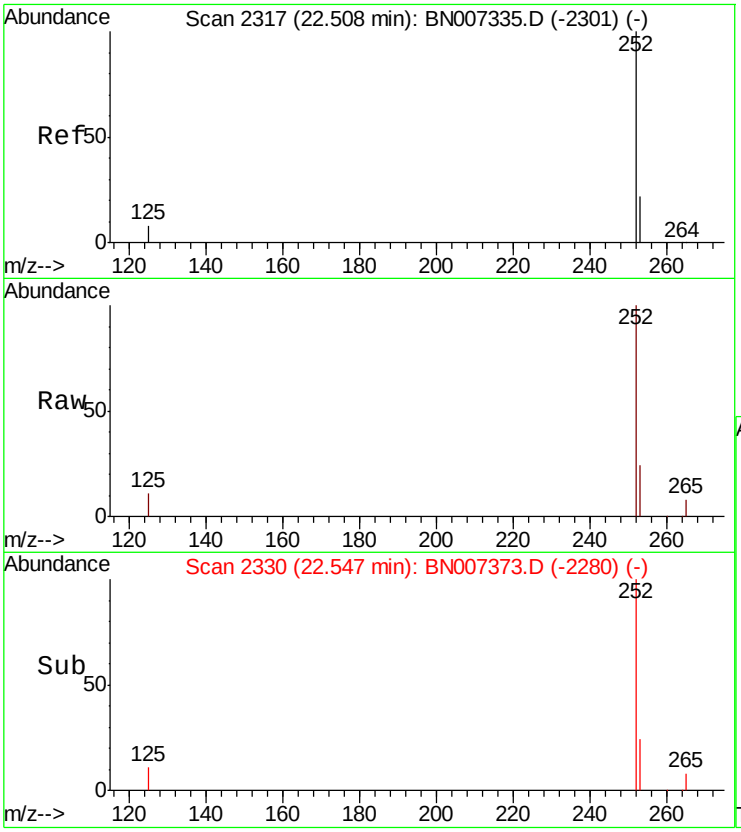


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.12 min Scan# 2498
Delta R.T. -0.01 min
Lab File: BN007373.D
Acq: 24 Aug 2019 20:54

Tgt Ion:264 Resp: 33485

Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.7	29.5
265	31.0	29.9	44.9



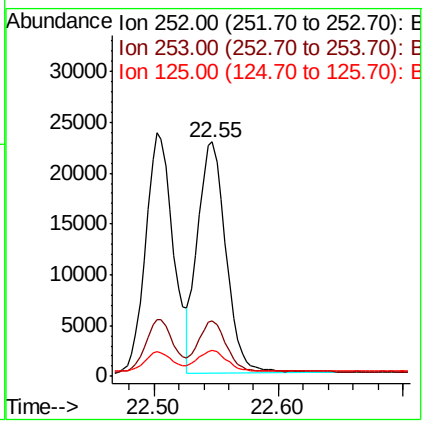


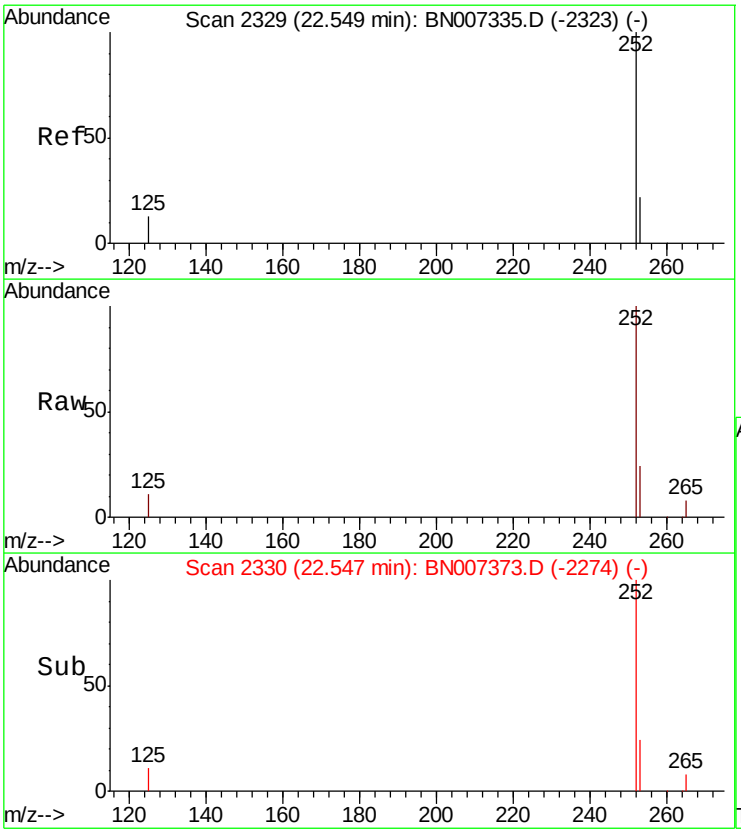
#35
Benzo(b)fluoranthene
Concen: 0.294 ng
RT: 22.55 min Scan# 2330
Delta R.T. 0.04 min
Lab File: BN007373.D
Acq: 24 Aug 2019 20:54

Instrument :
BNA_N
ClientSampleId :
PB122469BS

Tgt Ion:252 Resp: 35677

Ion	Ratio	Lower	Upper
252	100		
253	23.6	19.2	28.8
125	11.1	10.6	16.0

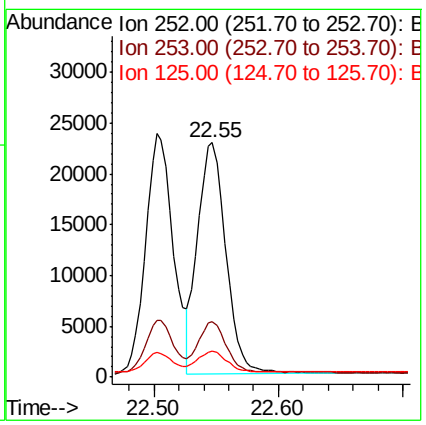


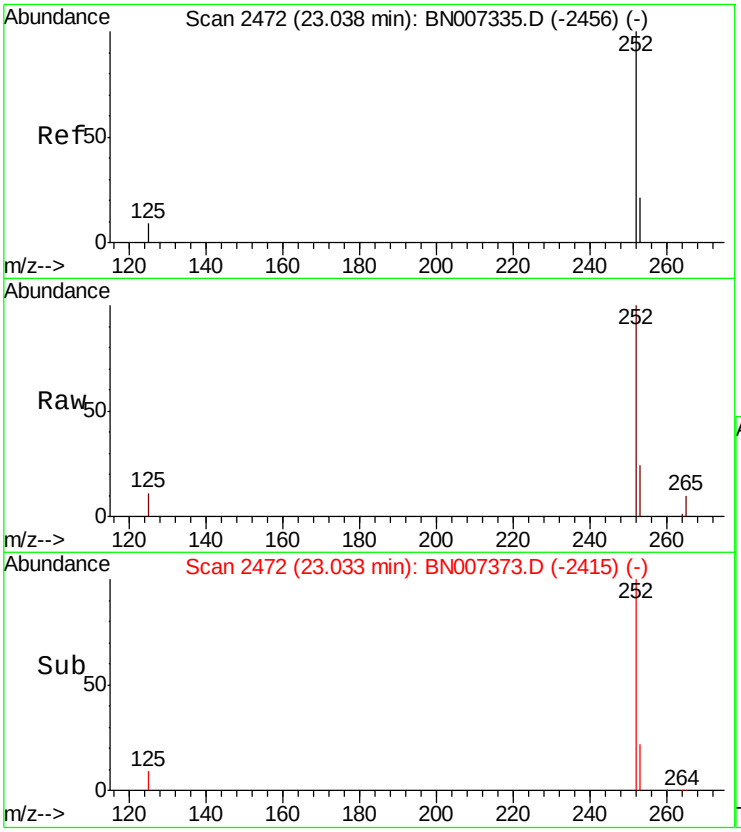


#36
Benzo(k)fluoranthene
Concen: 0.298 ng
RT: 22.55 min Scan# 2330
Delta R.T. -0.00 min
Lab File: BN007373.D
Acq: 24 Aug 2019 20:54

Tgt Ion:252 Resp: 35677

Ion	Ratio	Lower	Upper
252	100		
253	23.6	19.4	29.2
125	11.1	13.1	19.7#



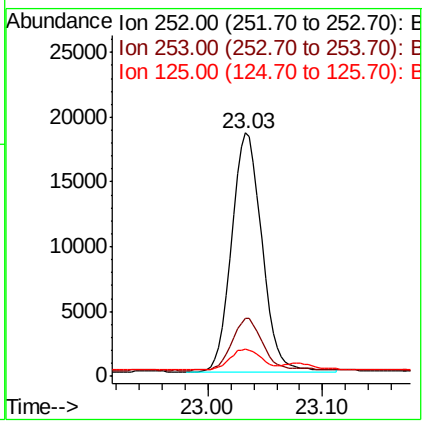


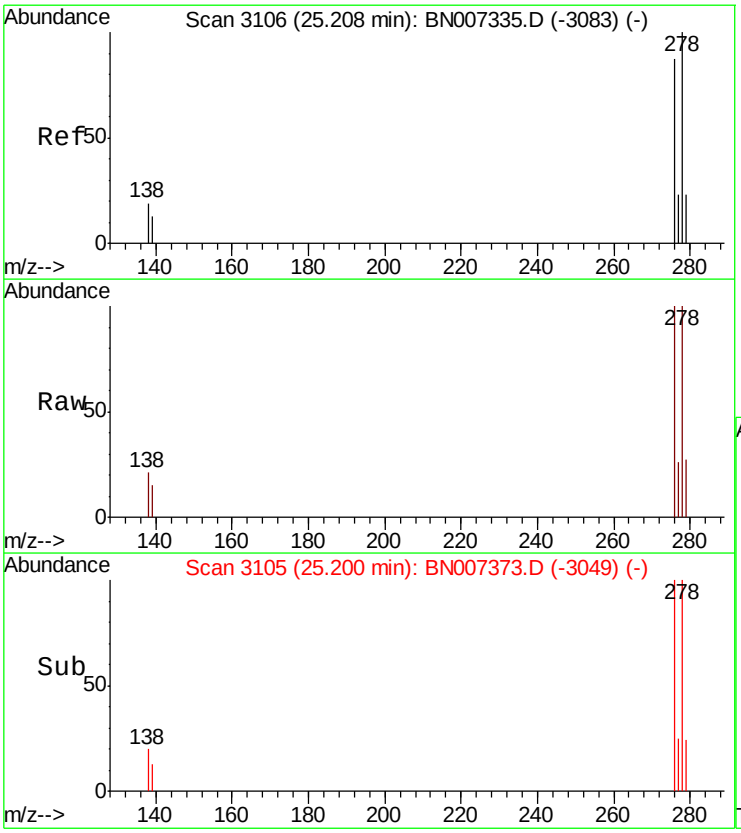
#37
Benzo(a)pyrene
Concen: 0.295 ng
RT: 23.03 min Scan# 2472
Delta R.T. -0.01 min
Lab File: BN007373.D
Acq: 24 Aug 2019 20:54

Instrument :
BNA_N
ClientSampleId :
PB122469BS

Tgt Ion:252 Resp: 34084

Ion	Ratio	Lower	Upper
252	100		
253	23.8	19.5	29.3
125	11.3	12.1	18.1#

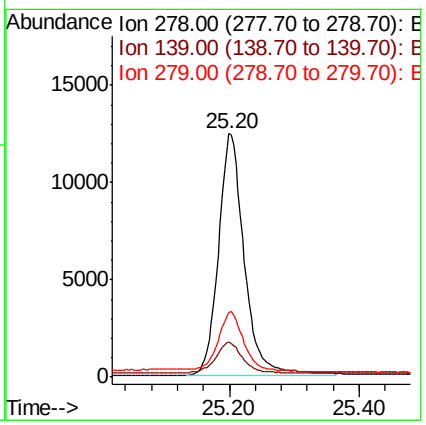


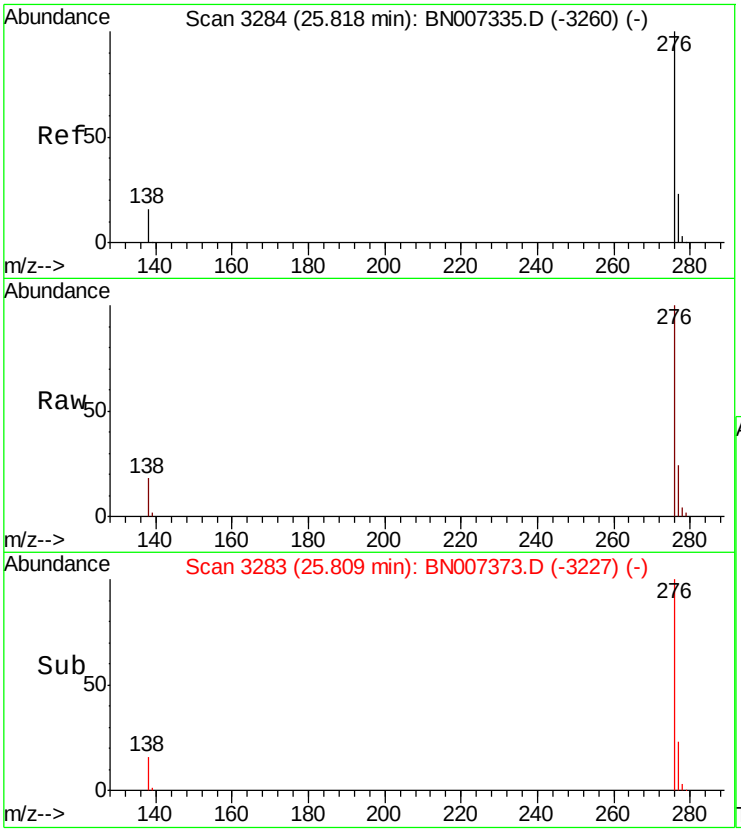


#38
Dibenzo(a,h)anthracene
Concen: 0.295 ng
RT: 25.20 min Scan# 3105
Delta R.T. -0.01 min
Lab File: BN007373.D
Acq: 24 Aug 2019 20:54

Tgt Ion:278 Resp: 34031

Ion	Ratio	Lower	Upper
278	100		
139	14.6	13.7	20.5
279	26.5	20.2	30.4





#39
Benzo(g,h,i)perylene
Concen: 0.305 ng
RT: 25.81 min Scan# 3283
Delta R.T. -0.01 min
Lab File: BN007373.D
Acq: 24 Aug 2019 20:54

Instrument :
BNA_N
ClientSampleId :
PB122469BS

Tgt Ion:276 Resp: 35051

Ion	Ratio	Lower	Upper
276	100		
277	24.2	19.6	29.4
138	17.9	16.3	24.5