Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN082319\

Quantitation Report (Not Reviewed)

Data File : BN007333.D
Acq On : 23 Aug 2019 19:02
Operator : HP/JU
Sample : SSTDICC0.1
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDICC0.1

Quant Time: Aug 24 00:16:06 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 00:12:24 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.40	152	3411	0.40	ng		0.00
7) Naphthalene-d8	10.16	136	14348	0.40	ng		0.00
13) Acenaphthene-d10	14.05	164	7572	0.40	ng		0.00
19) Phenanthrene-d10	16.80	188	17562	0.40	ng		0.00
27) Chrysene-d12	21.03	240	18804	0.40	ng		0.00
34) Perylene-d12	23.13	264	20517	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.03	112	1738	0.16	ng		0.00
5) Phenol-d6	6.60	99	2454	0.18	ng		0.00
8) Nitrobenzene-d5	8.53	82	1417	0.13	ng		0.00
11) 2-Methylnaphthalene-d10	11.76	152	2321	0.09	ng		0.00
14) 2,4,6-Tribromophenol	15.55	330	399	0.09	ng		0.00
15) 2-Fluorobiphenyl	12.66	172	3043	0.09	ng		0.00
25) Fluoranthene-d10	18.85	212	5900	0.11	ng		0.00
29) Terphenyl-d14	19.47	244	5044	0.11	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.01	88	699	0.139	ng	#	19
3) n-Nitrosodimethylamine	3.33	42	218	0.068	ng	#	84
6) bis(2-Chloroethyl)ether	6.84	93	1451	0.140	ng	#	81
9) Naphthalene	10.20	128	4119	0.101	ng	#	47
10) Hexachlorobutadiene	10.51	225	913	0.103	ng	#	97
12) 2-Methylnaphthalene	11.84	142	2754	0.098	ng	#	81
16) Acenaphthylene	13.77	152	4576	0.112	ng		97
17) Acenaphthene	14.11	154	2675	0.104	ng		96
18) Fluorene	15.10	166	3134	0.094	ng		96
20) 4-Bromophenyl-phenylether	16.01	248	1195	0.123	ng	#	35
21) Hexachlorobenzene	16.12	284	1274	0.110	ng		96
22) Pentachlorophenol	16.48	266	348	0.076	ng	#	1
23) Phenanthrene	16.85	178	5127	0.094	ng		98
24) Anthracene	16.93	178	5126	0.102	ng		99
26) Fluoranthene	18.88	202	7683	0.115	ng		99
28) Pyrene	19.24	202	8283	0.117	ng		99
30) Benzo(a)anthracene	21.00	228	7563	0.107	ng		92
31) Chrysene	21.06	228	7227	0.101	ng		94
32) Bis(2-ethylhexyl)phthalate	20.97	149	9399	0.295	ng	#	84
33) Indeno(1,2,3-cd)pyrene	25.20	276	8827	0.103	ng	#	95
35) Benzo(b)fluoranthene	22.51	252	7374	0.097	ng	#	70
36) Benzo(k)fluoranthene	22.55	252	7555	0.101	ng	#	59
37) Benzo(a)pyrene	23.04	252	7414	0.107	ng	#	63
38) Dibenzo(a,h)anthracene	25.21	278	7261	0.101	ng	#	69
39) Benzo(g,h,i)perylene	25.82	276	7241	0.099	ng	#	71

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

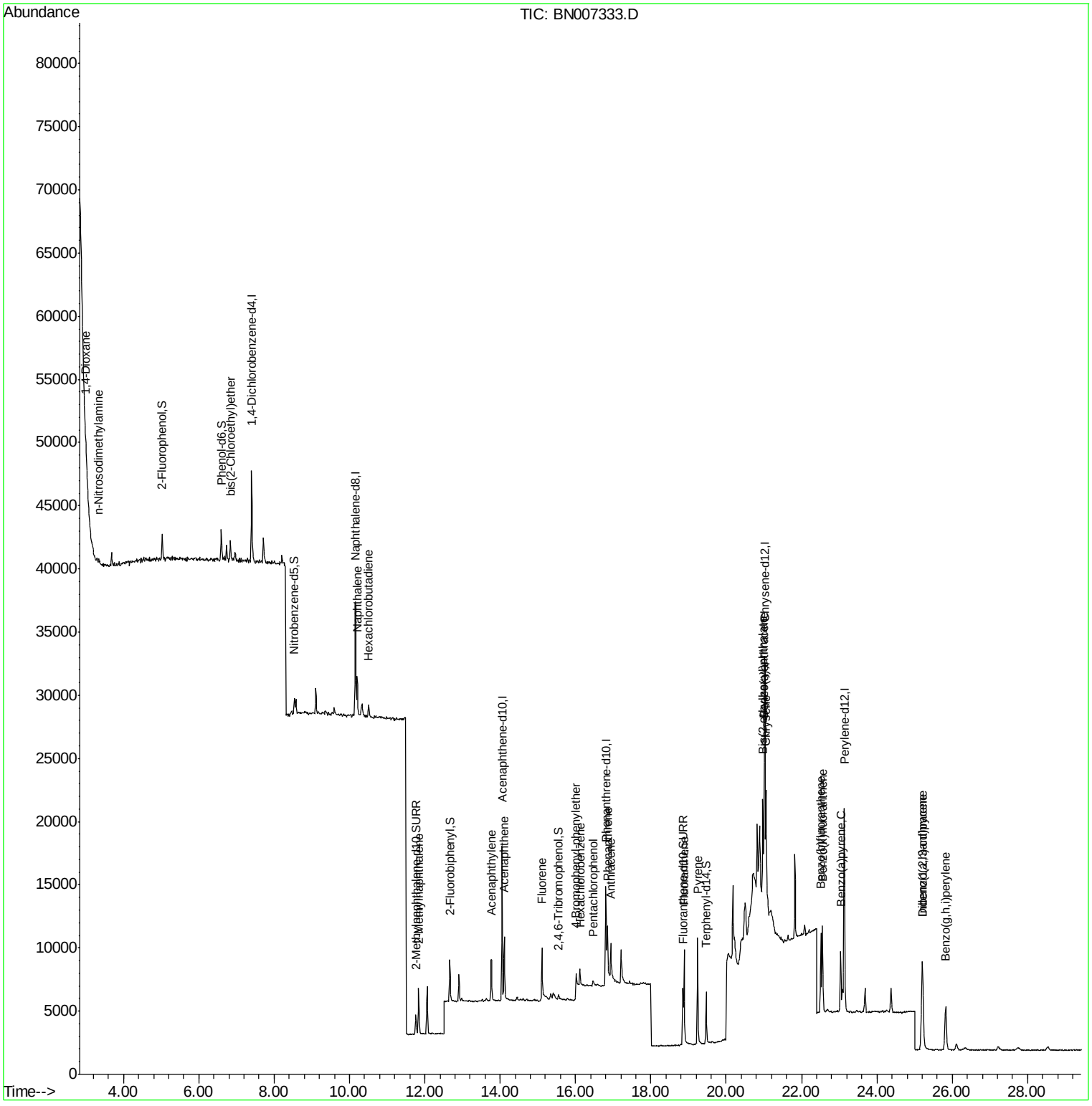
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN082319\

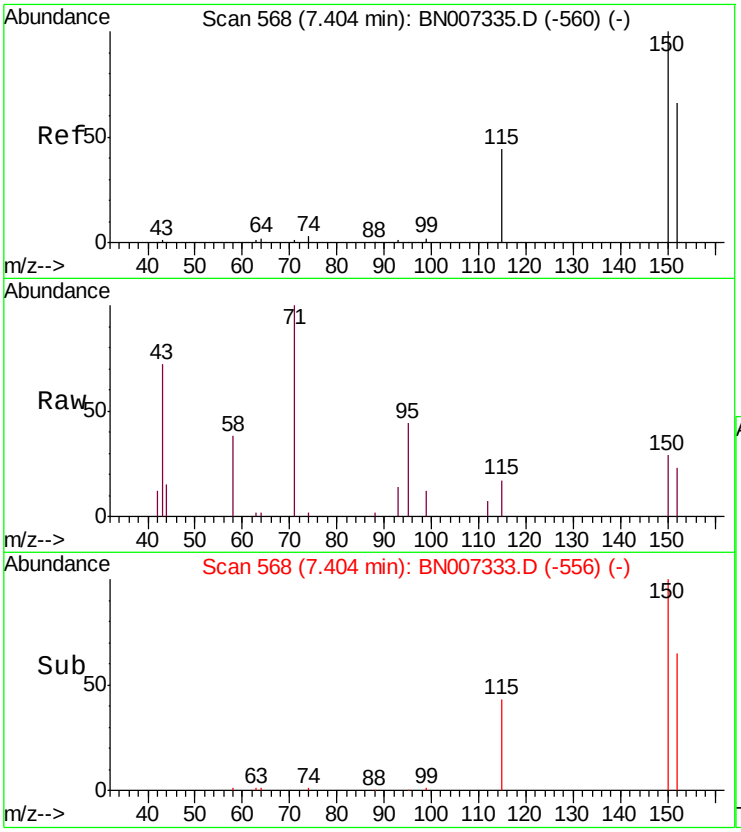
Quantitation Report (Not Reviewed)

Data File : BN007333.D
Acq On : 23 Aug 2019 19:02
Operator : HP/JU
Sample : SSTDICC0.1
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Quant Time: Aug 24 00:16:06 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 00:12:24 2019
Response via : Initial Calibration



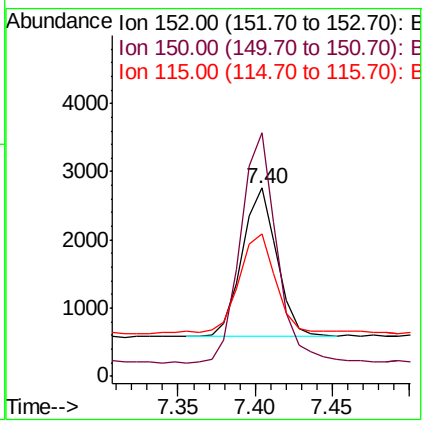


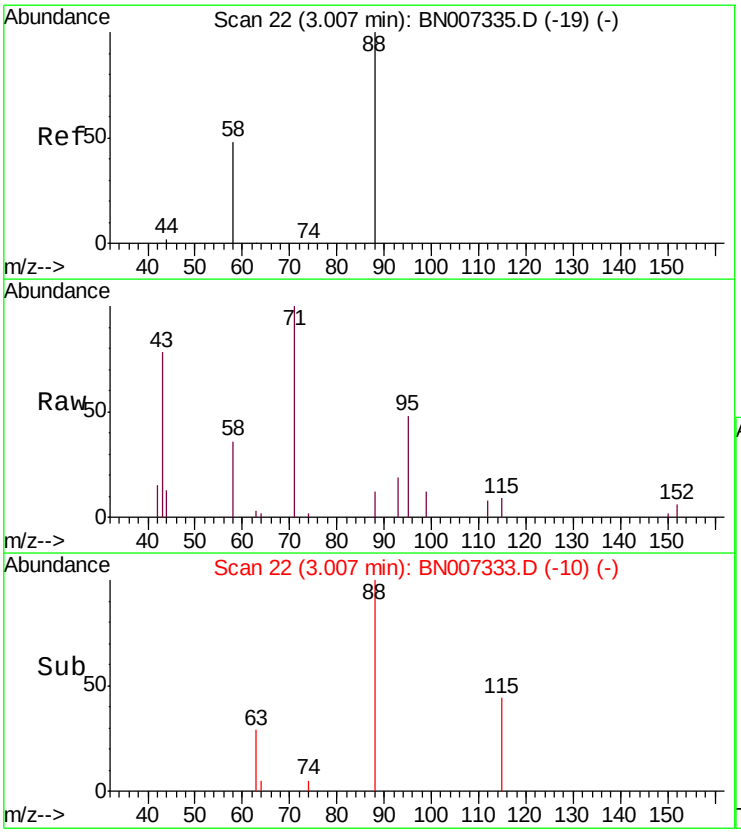
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.40 min Scan# 568
Delta R.T. -0.00 min
Lab File: BN007333.D
Acq: 23 Aug 2019 19:02

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:152 Resp: 3411

Ion	Ratio	Lower	Upper
152	100		
150	129.3	109.1	163.7
115	75.8	59.6	89.4

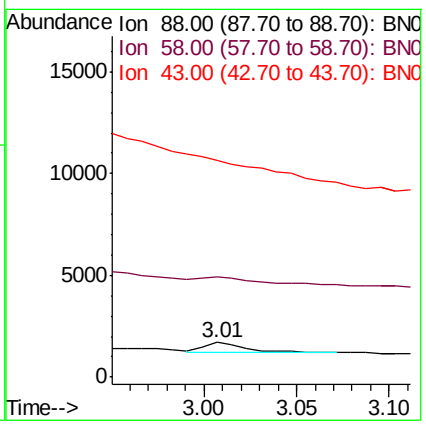


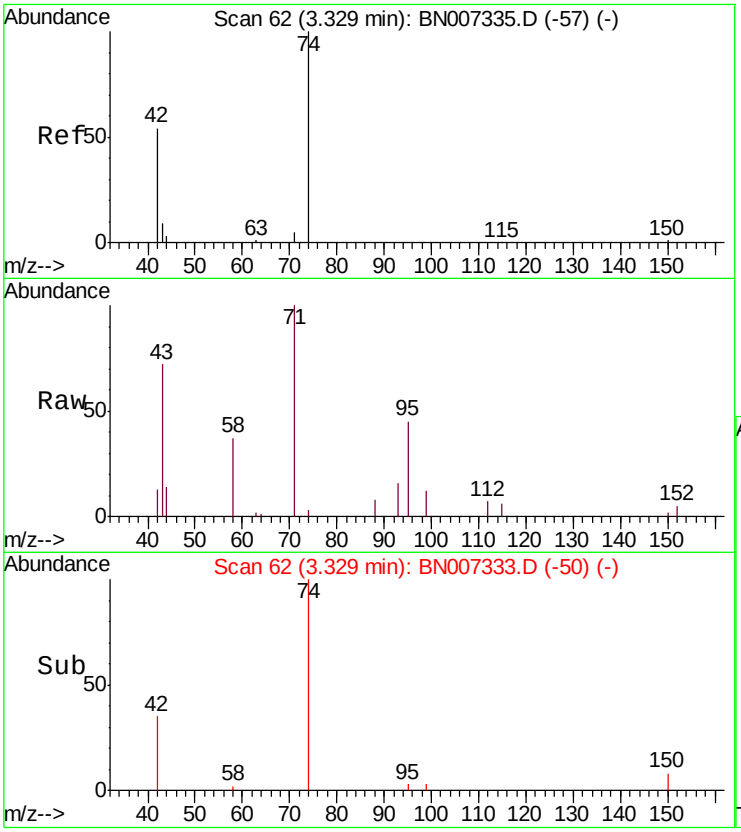


#2
1,4-Dioxane
Concen: 0.139 ng
RT: 3.01 min Scan# 22
Delta R.T. -0.00 min
Lab File: BN007333.D
Acq: 23 Aug 2019 19:02

Tgt Ion: 88 Resp: 699

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



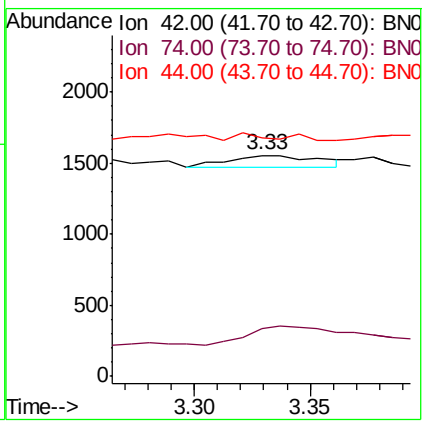


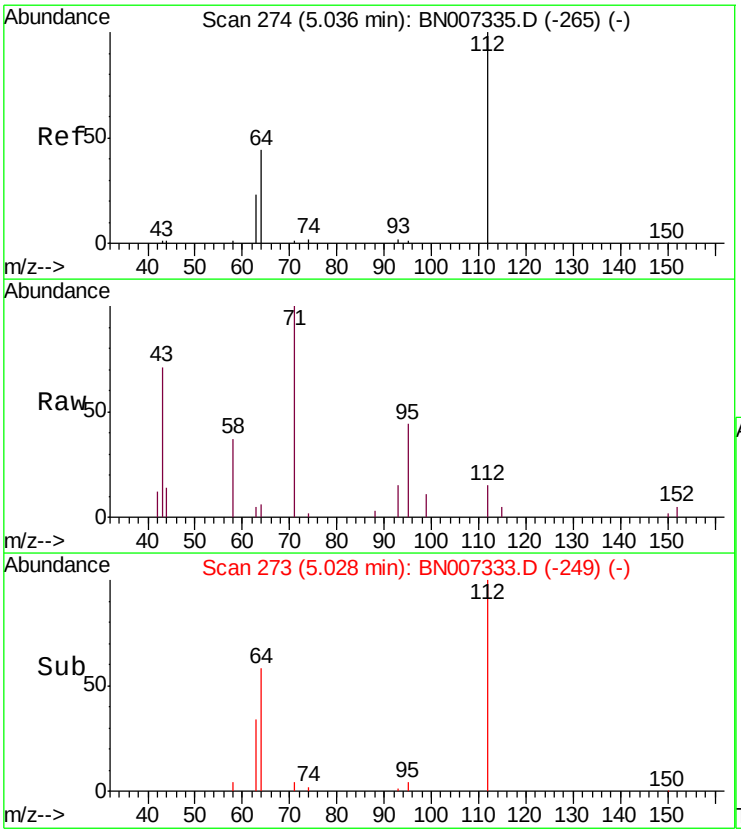
#3
n-Nitrosodimethylamine
Concen: 0.068 ng
RT: 3.33 min Scan# 62
Delta R.T. -0.00 min
Lab File: BN007333.D
Acq: 23 Aug 2019 19:02

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion: 42 Resp: 218

Ion	Ratio	Lower	Upper
42	100		
74	202.3	144.7	217.1
44	19.7	3.2	4.8#

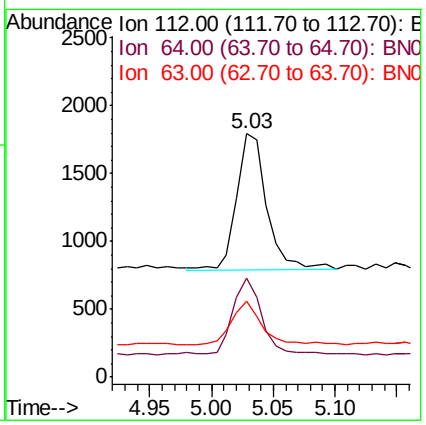


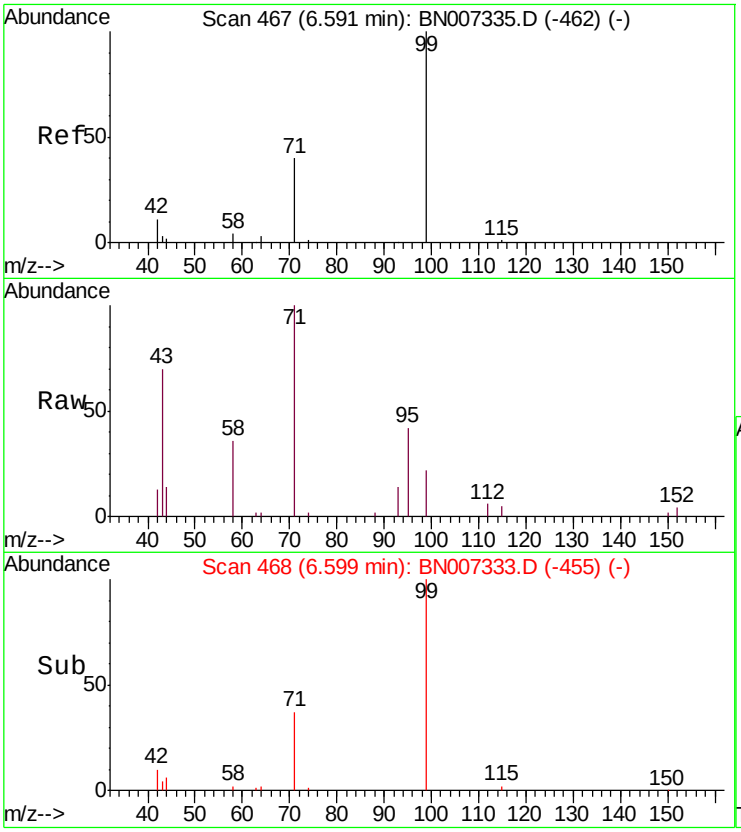


#4
2-Fluorophenol
Concen: 0.162 ng
RT: 5.03 min Scan# 273
Delta R.T. -0.01 min
Lab File: BN007333.D
Acq: 23 Aug 2019 19:02

Tgt Ion:112 Resp: 1738

Ion	Ratio	Lower	Upper
112	100		
64	54.9	42.3	63.5
63	30.4	23.6	35.4



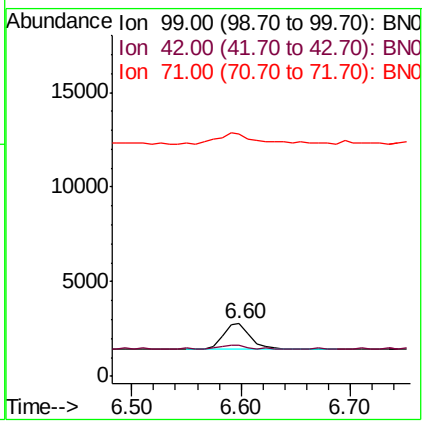


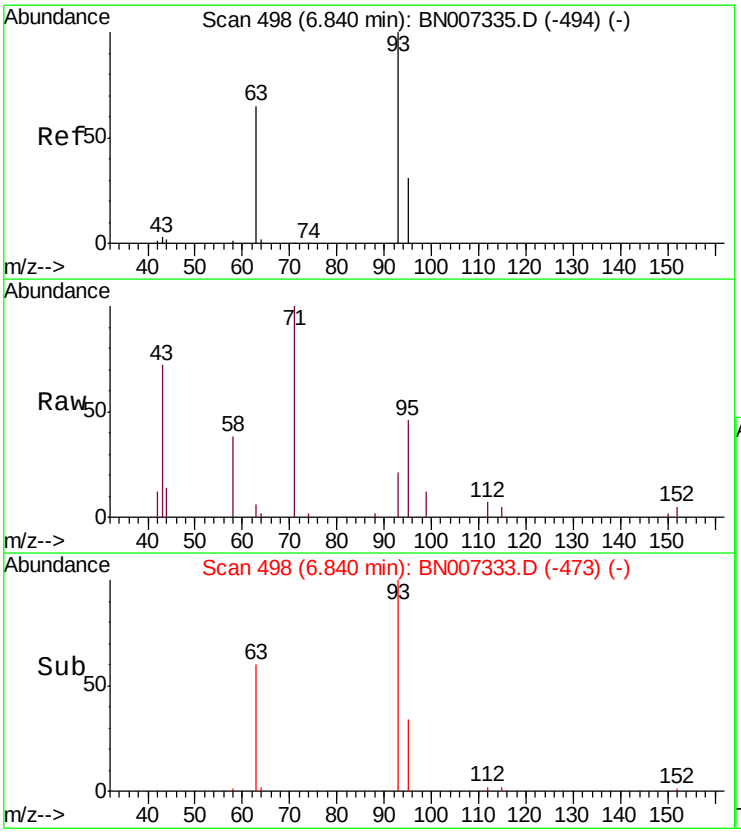
#5
Phenol-d6
Concen: 0.178 ng
RT: 6.60 min Scan# 468
Delta R.T. 0.01 min
Lab File: BN007333.D
Acq: 23 Aug 2019 19:02

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion: 99 Resp: 2454

Ion	Ratio	Lower	Upper
99	100		
42	15.0	11.2	16.8
71	48.5	31.8	47.8#

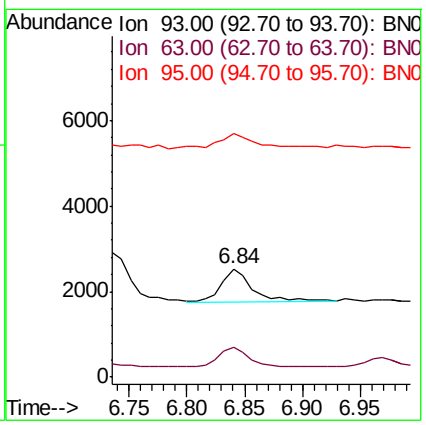


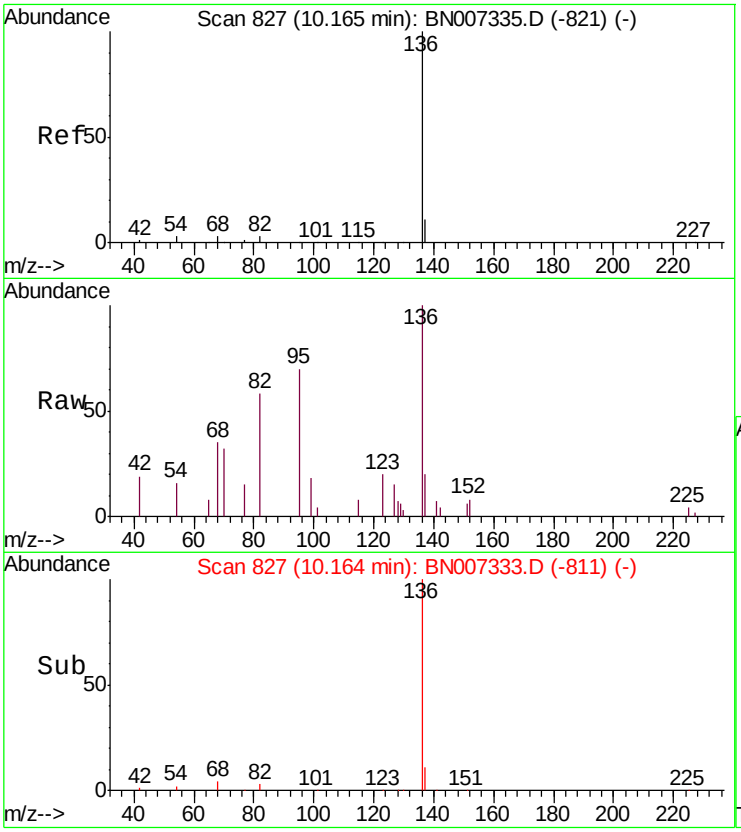


#6
bis(2-Chloroethyl)ether
Concen: 0.140 ng
RT: 6.84 min Scan# 498
Delta R.T. -0.00 min
Lab File: BN007333.D
Acq: 23 Aug 2019 19:02

Tgt Ion: 93 Resp: 1451

Ion	Ratio	Lower	Upper
93	100		
63	57.5	51.9	77.9
95	55.3	27.7	41.5#



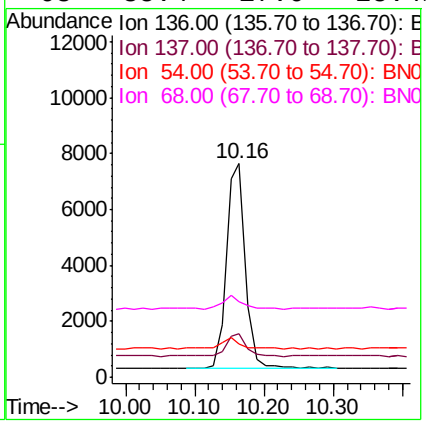


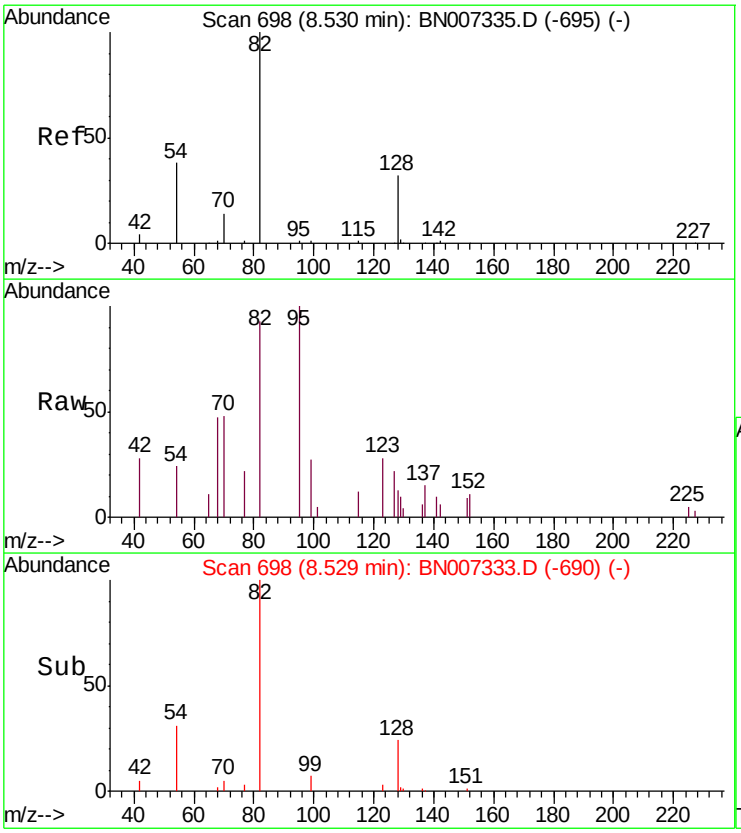
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.16 min Scan# 827
Delta R.T. -0.00 min
Lab File: BN007333.D
Acq: 23 Aug 2019 19:02

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:136 Resp: 14348

Ion	Ratio	Lower	Upper
136	100		
137	20.3	12.9	19.3#
54	15.8	8.6	12.8#
68	35.4	17.0	25.4#

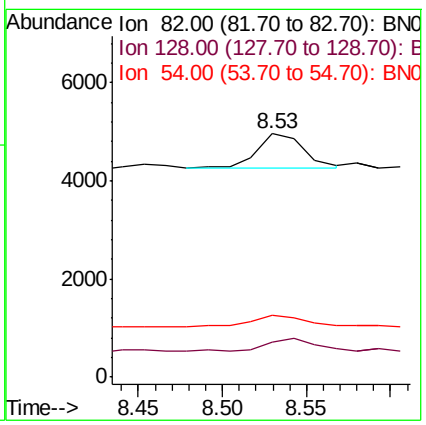


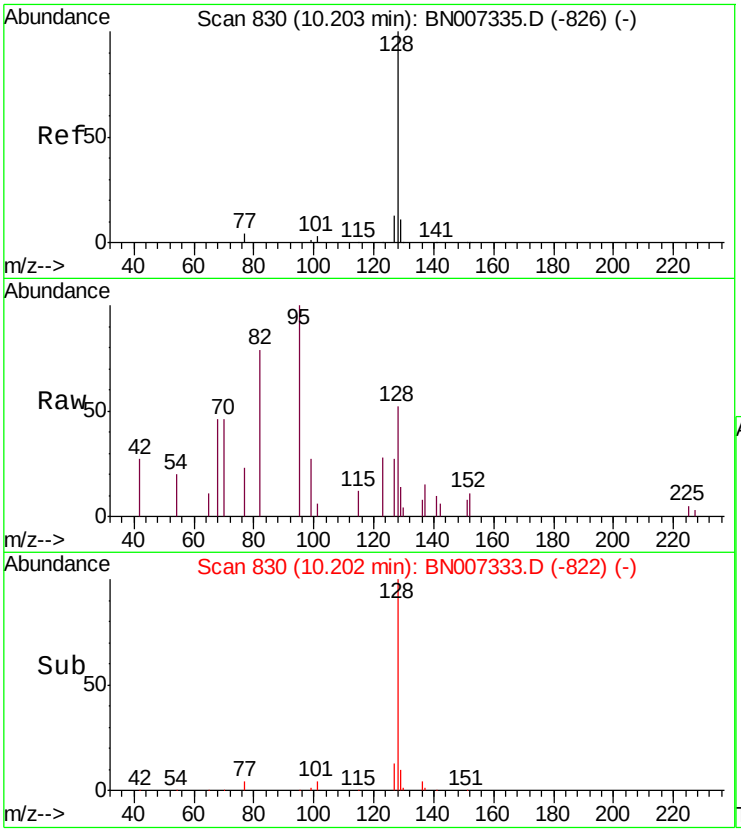


#8
Nitrobenzene-d5
Concen: 0.127 ng
RT: 8.53 min Scan# 698
Delta R.T. -0.00 min
Lab File: BN007333.D
Acq: 23 Aug 2019 19:02

Tgt Ion: 82 Resp: 1417

Ion	Ratio	Lower	Upper
82	100		
128	14.2	19.7	29.5#
54	25.3	25.8	38.6#



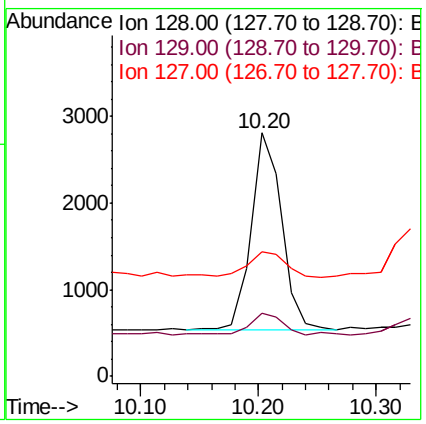


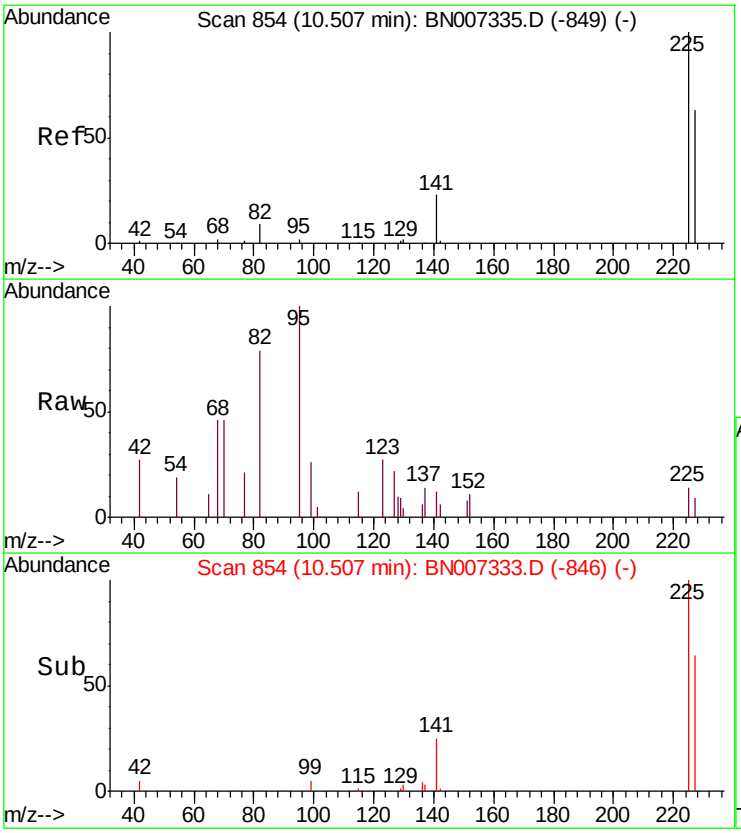
#9
Naphthalene
Concen: 0.101 ng
RT: 10.20 min Scan# 830
Delta R.T. -0.00 min
Lab File: BN007333.D
Acq: 23 Aug 2019 19:02

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:128 Resp: 4119

Ion	Ratio	Lower	Upper
128	100		
129	25.9	11.1	16.7#
127	51.3	15.5	23.3#

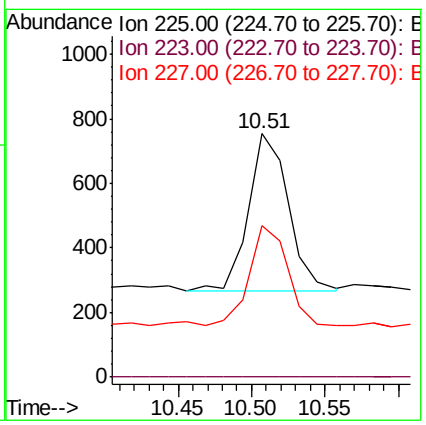


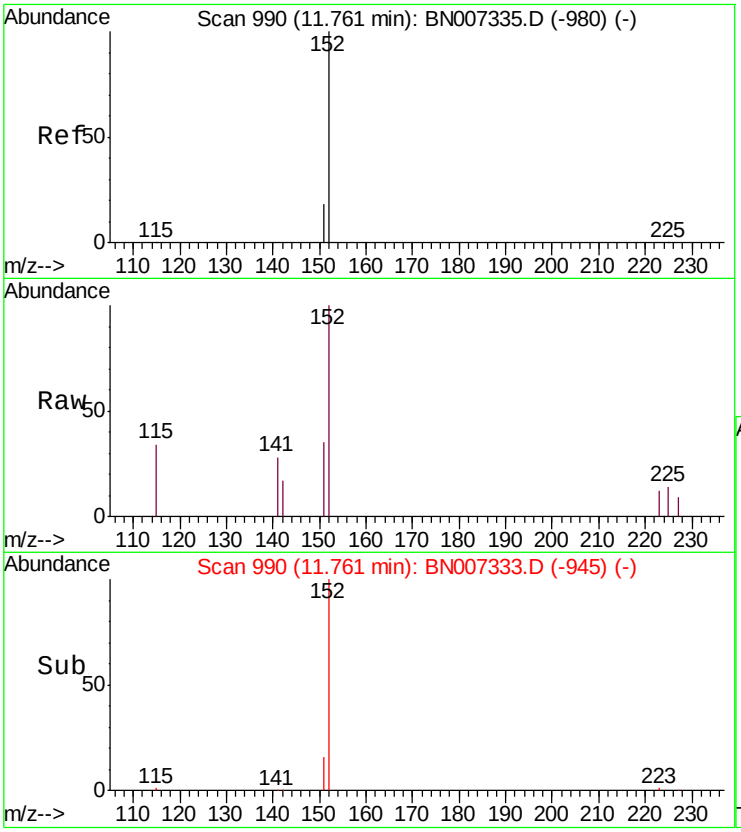


#10
Hexachlorobutadiene
Concen: 0.103 ng
RT: 10.51 min Scan# 854
Delta R.T. -0.00 min
Lab File: BN007333.D
Acq: 23 Aug 2019 19:02

Tgt Ion:225 Resp: 913

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	60.8	50.7	76.1



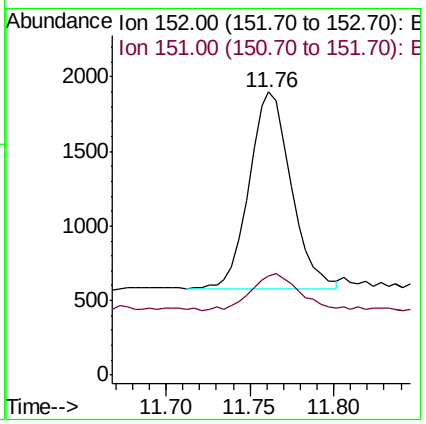


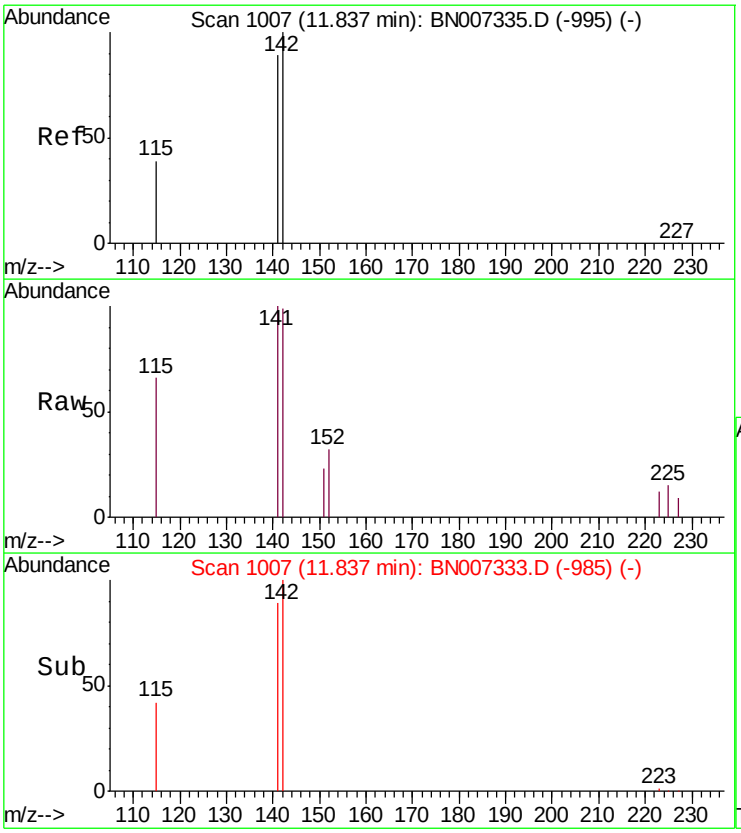
#11
2-Methylnaphthalene-d10
Concen: 0.094 ng
RT: 11.76 min Scan# 990
Delta R.T. -0.00 min
Lab File: BN007333.D
Acq: 23 Aug 2019 19:02

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:152 Resp: 2321

Ion	Ratio	Lower	Upper
152	100		
151	20.6	16.2	24.2

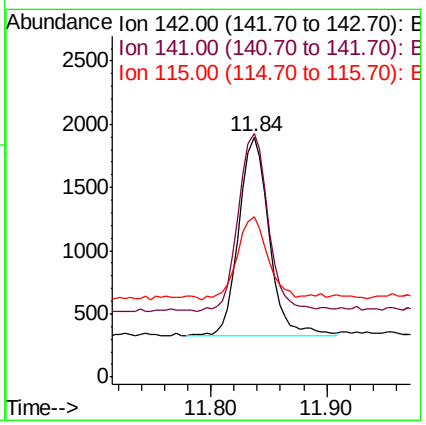


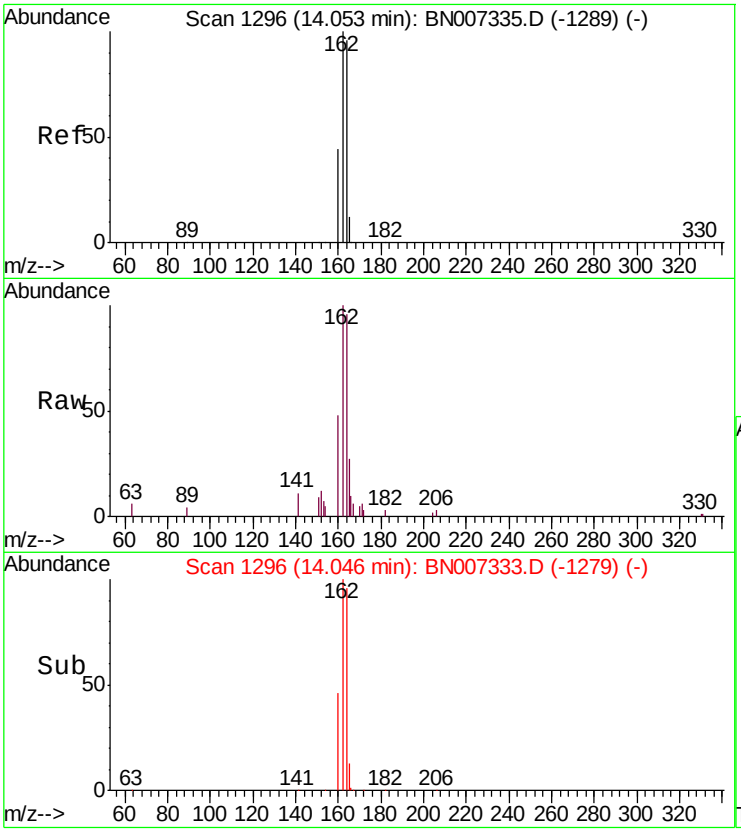


#12
2-Methylnaphthalene
Concen: 0.098 ng
RT: 11.84 min Scan# 1007
Delta R.T. -0.00 min
Lab File: BN007333.D
Acq: 23 Aug 2019 19:02

Tgt Ion:142 Resp: 2754

Ion	Ratio	Lower	Upper
142	100		
141	101.5	72.8	109.2
115	66.9	35.2	52.8#



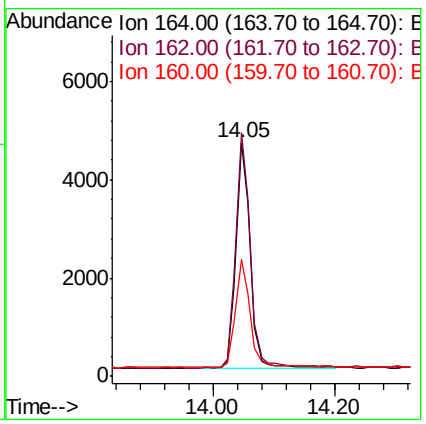


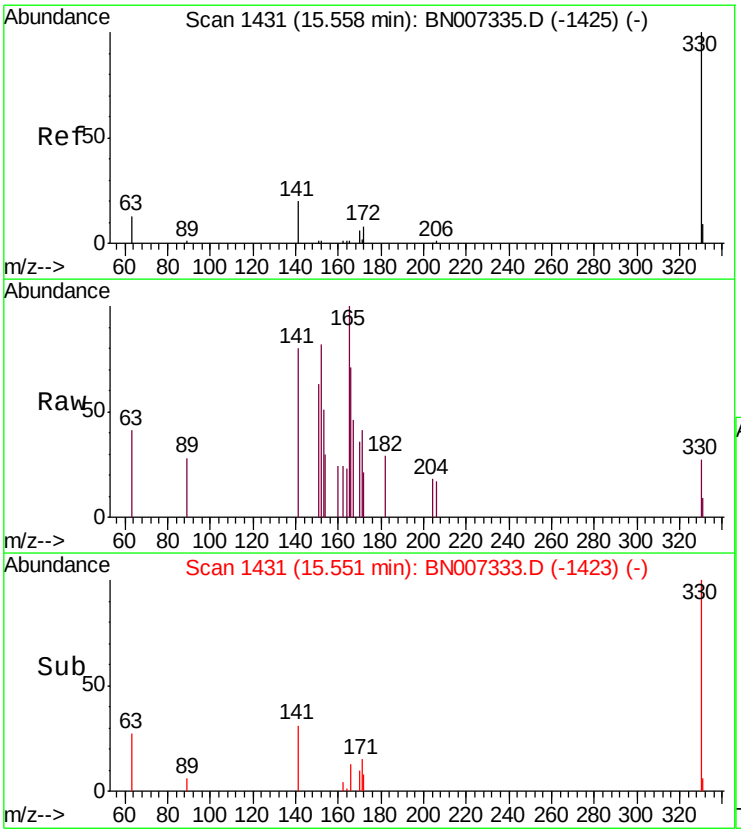
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.05 min Scan# 1296
Delta R.T. -0.01 min
Lab File: BN007333.D
Acq: 23 Aug 2019 19:02

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:164 Resp: 7572

Ion	Ratio	Lower	Upper
164	100		
162	104.3	83.5	125.3
160	50.2	38.2	57.4

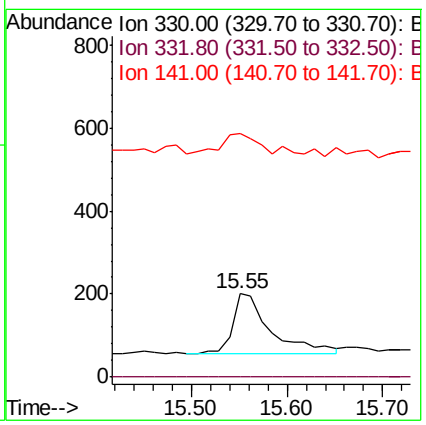


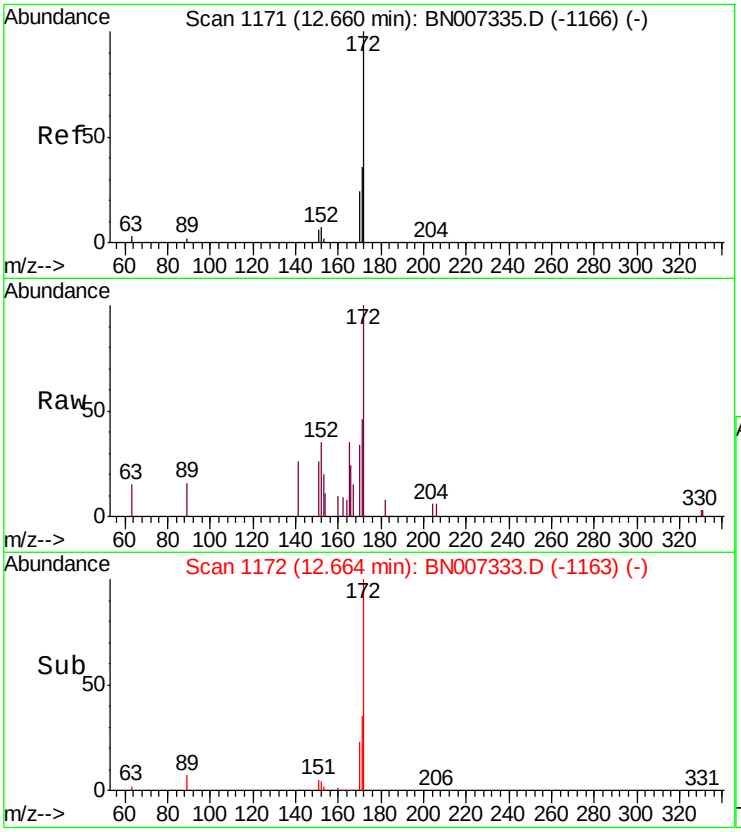


#14
2,4,6-Tribromophenol
Concen: 0.094 ng
RT: 15.55 min Scan# 1431
Delta R.T. -0.01 min
Lab File: BN007333.D
Acq: 23 Aug 2019 19:02

Tgt Ion:330 Resp: 399

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	30.1	26.9	40.3



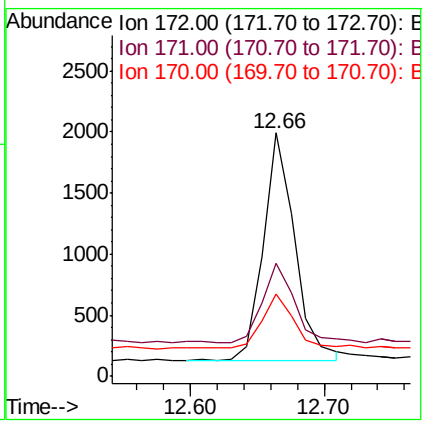


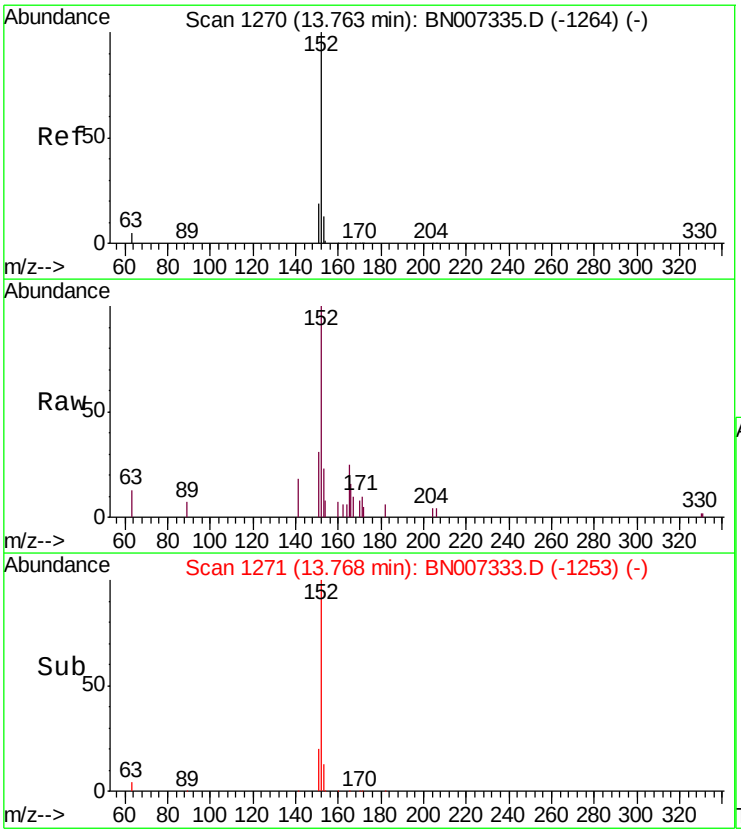
#15
2-Fluorobiphenyl
Concen: 0.095 ng
RT: 12.66 min Scan# 1172
Delta R.T. 0.00 min
Lab File: BN007333.D
Acq: 23 Aug 2019 19:02

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:172 Resp: 3043

Ion	Ratio	Lower	Upper
172	100		
171	46.4	30.3	45.5#
170	33.6	20.7	31.1#

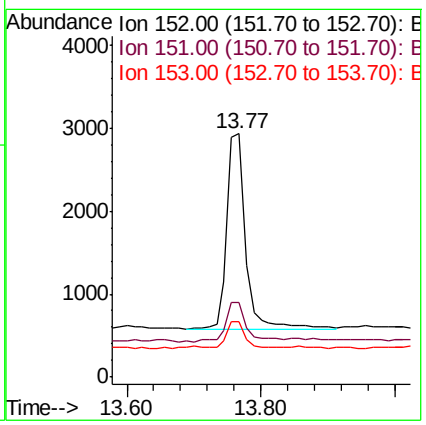


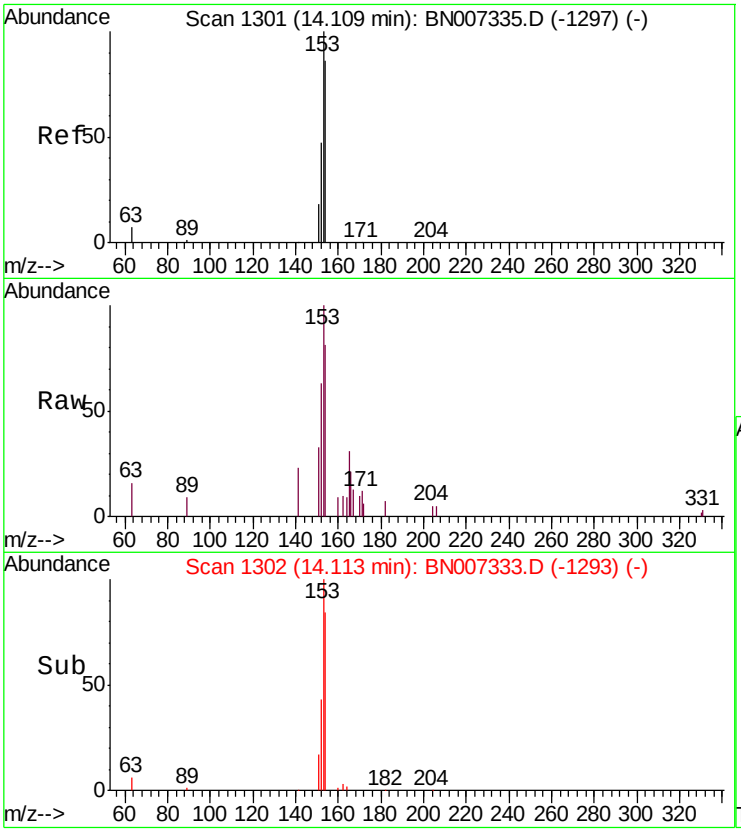


#16
Acenaphthylene
Concen: 0.112 ng
RT: 13.77 min Scan# 1271
Delta R.T. 0.00 min
Lab File: BN007333.D
Acq: 23 Aug 2019 19:02

Tgt Ion:152 Resp: 4576

Ion	Ratio	Lower	Upper
152	100		
151	21.9	16.1	24.1
153	12.5	10.6	15.8



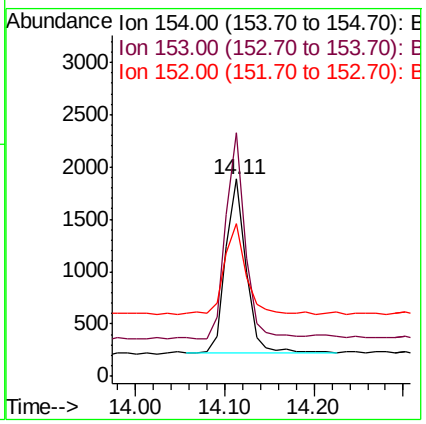


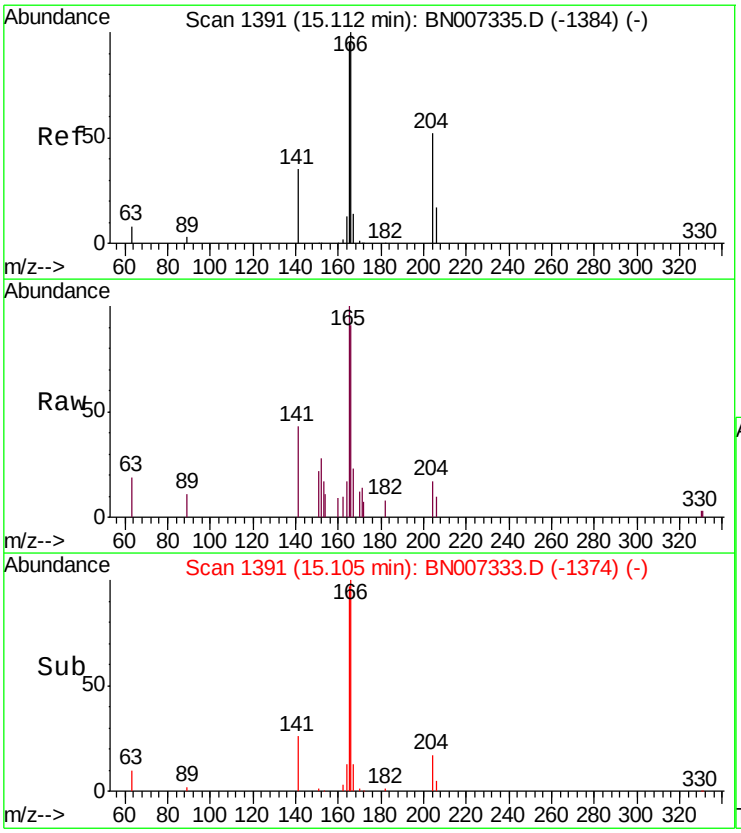
#17
Acenaphthene
Concen: 0.104 ng
RT: 14.11 min Scan# 1302
Delta R.T. 0.00 min
Lab File: BN007333.D
Acq: 23 Aug 2019 19:02

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:154 Resp: 2675

Ion	Ratio	Lower	Upper
154	100		
153	110.3	92.8	139.2
152	56.2	43.8	65.8

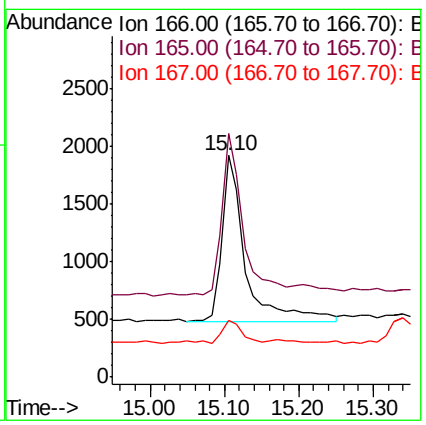


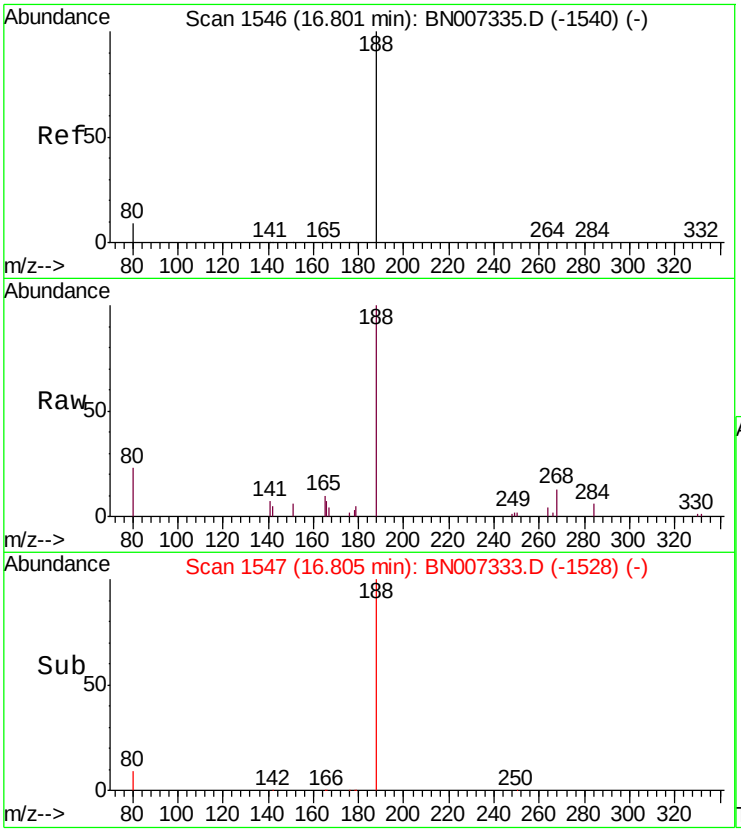


#18
Fluorene
Concen: 0.094 ng
RT: 15.10 min Scan# 1391
Delta R.T. -0.01 min
Lab File: BN007333.D
Acq: 23 Aug 2019 19:02

Tgt Ion:166 Resp: 3134

Ion	Ratio	Lower	Upper
166	100		
165	94.4	79.0	118.4
167	11.1	10.6	15.8



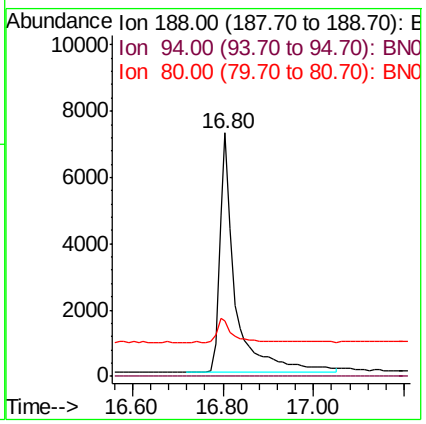


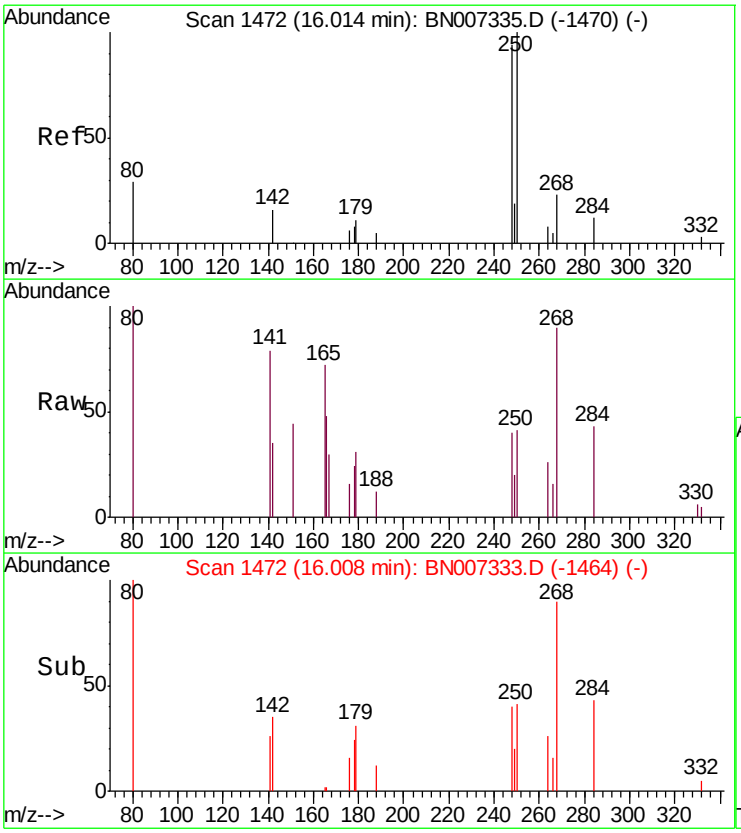
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.80 min Scan# 1547
Delta R.T. 0.00 min
Lab File: BN007333.D
Acq: 23 Aug 2019 19:02

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:188 Resp: 17562

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	23.0	11.8	17.8#

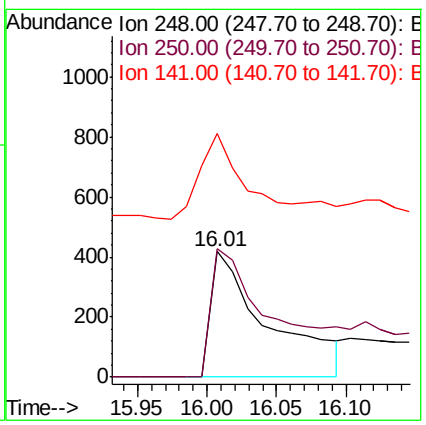


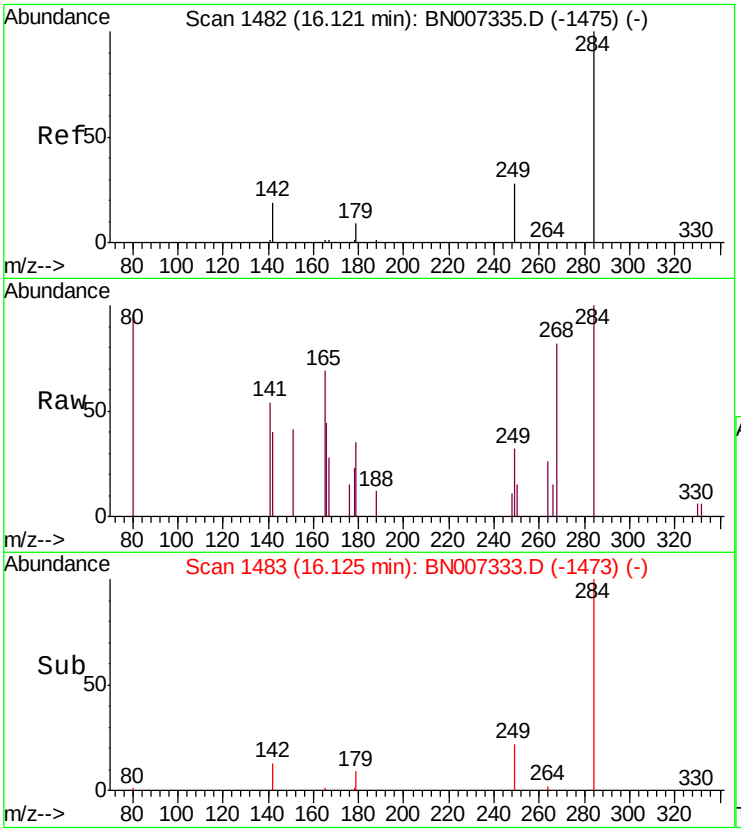


#20
4-Bromophenyl-phenylether
Concen: 0.123 ng
RT: 16.01 min Scan# 1472
Delta R.T. -0.01 min
Lab File: BN007333.D
Acq: 23 Aug 2019 19:02

Tgt Ion:248 Resp: 1195

Ion	Ratio	Lower	Upper
248	100		
250	102.2	85.0	127.6
141	194.0	51.7	77.5#



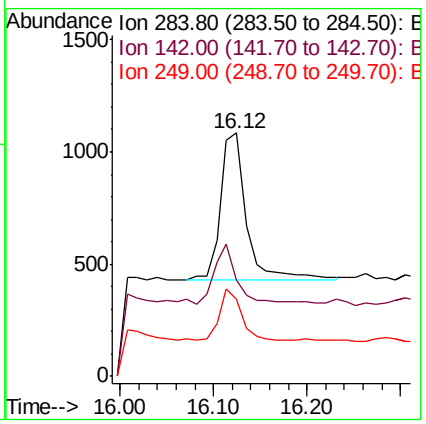


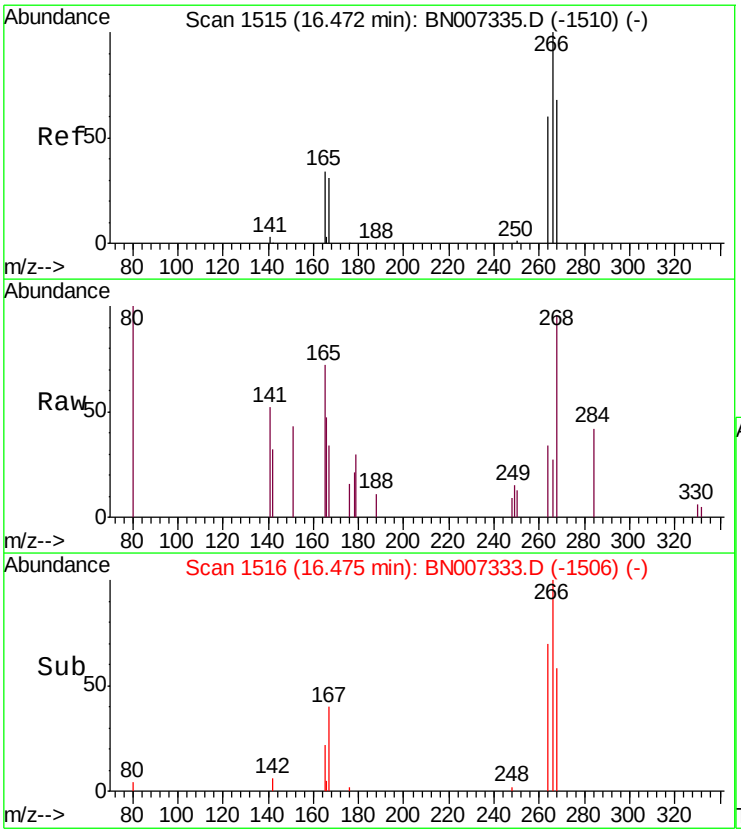
#21
Hexachlorobenzene
Concen: 0.110 ng
RT: 16.12 min Scan# 1483
Delta R.T. 0.00 min
Lab File: BN007333.D
Acq: 23 Aug 2019 19:02

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:284 Resp: 1274

Ion	Ratio	Lower	Upper
284	100		
142	35.0	29.0	43.6
249	27.9	24.9	37.3

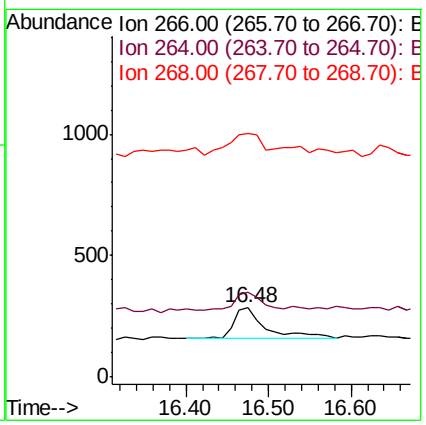


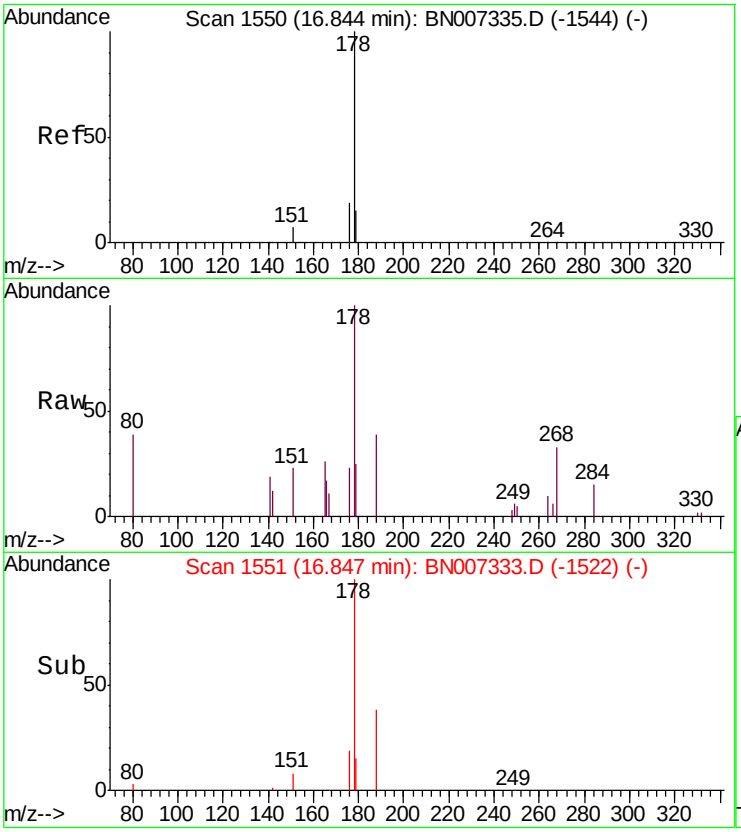


#22
Pentachlorophenol
Concen: 0.076 ng
RT: 16.48 min Scan# 1516
Delta R.T. 0.00 min
Lab File: BN007333.D
Acq: 23 Aug 2019 19:02

Tgt Ion:266 Resp: 348

Ion	Ratio	Lower	Upper
266	100		
264	123.9	57.8	86.8#
268	352.8	99.7	149.5#



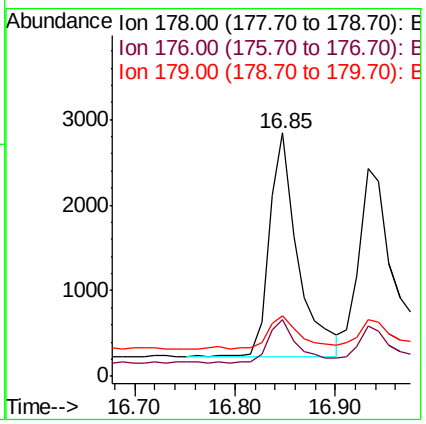


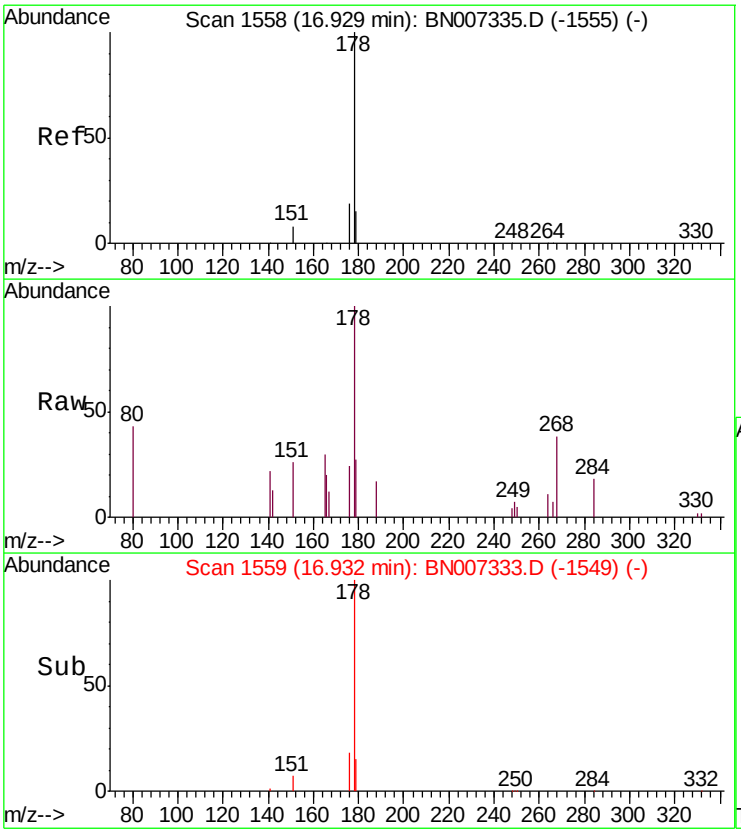
#23
Phenanthrene
Concen: 0.094 ng
RT: 16.85 min Scan# 1551
Delta R.T. 0.00 min
Lab File: BN007333.D
Acq: 23 Aug 2019 19:02

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:178 Resp: 5127

Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.3	22.9
179	17.0	12.6	19.0

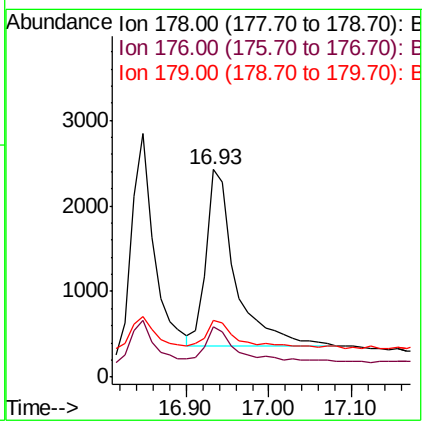


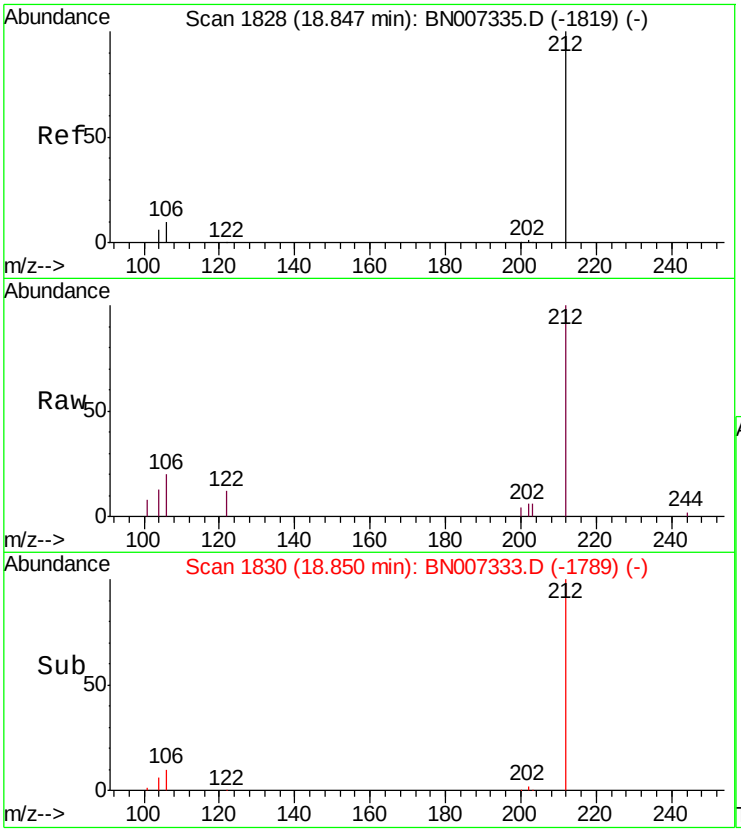


#24
Anthracene
Concen: 0.102 ng
RT: 16.93 min Scan# 1559
Delta R.T. 0.00 min
Lab File: BN007333.D
Acq: 23 Aug 2019 19:02

Tgt Ion:178 Resp: 5126

Ion	Ratio	Lower	Upper
178	100		
176	19.0	14.9	22.3
179	15.2	12.4	18.6



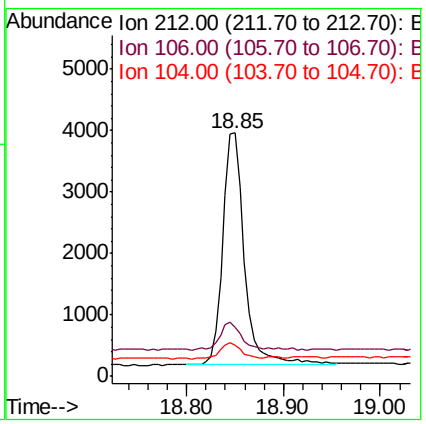


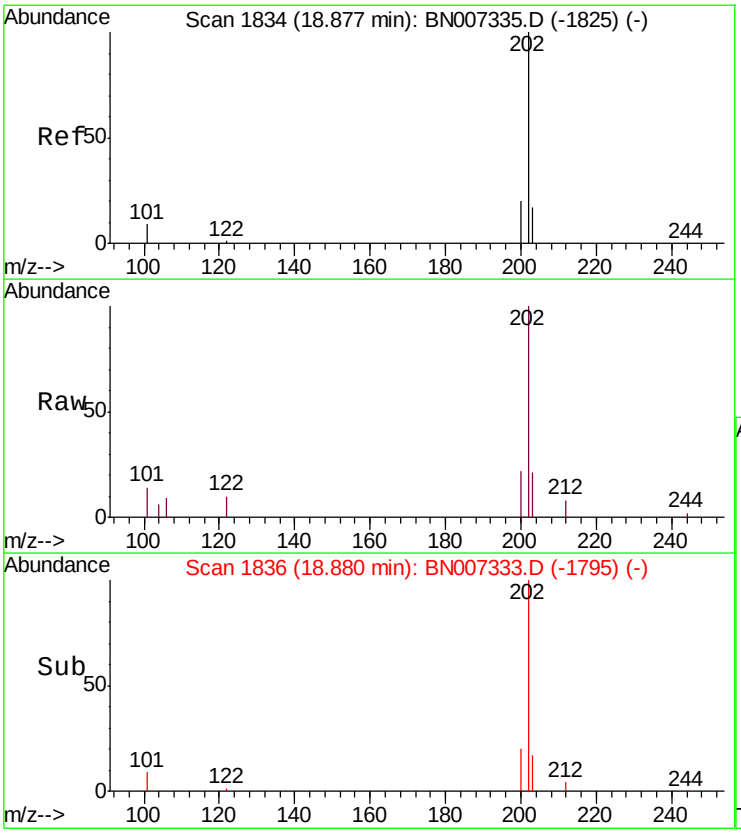
#25
Fluoranthene-d10
Concen: 0.105 ng
RT: 18.85 min Scan# 1830
Delta R.T. 0.00 min
Lab File: BN007333.D
Acq: 23 Aug 2019 19:02

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:212 Resp: 5900

Ion	Ratio	Lower	Upper
212	100		
106	12.0	9.0	13.4
104	6.5	5.4	8.2

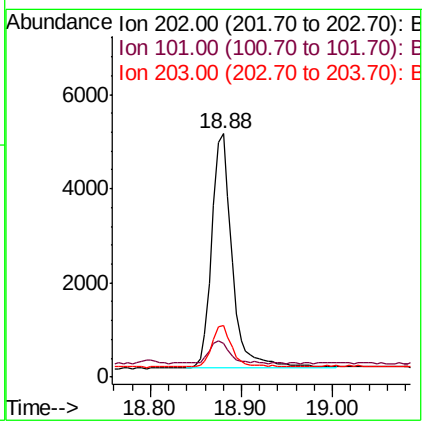


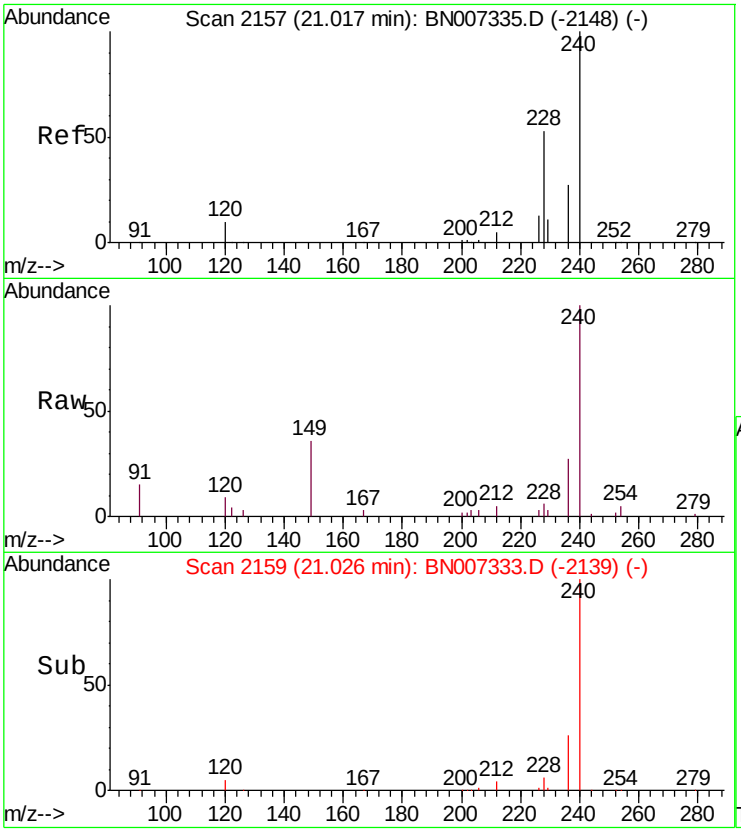


#26
Fluoranthene
Concen: 0.115 ng
RT: 18.88 min Scan# 1836
Delta R.T. 0.00 min
Lab File: BN007333.D
Acq: 23 Aug 2019 19:02

Tgt Ion:202 Resp: 7683

Ion	Ratio	Lower	Upper
202	100		
101	10.1	7.7	11.5
203	17.1	13.7	20.5



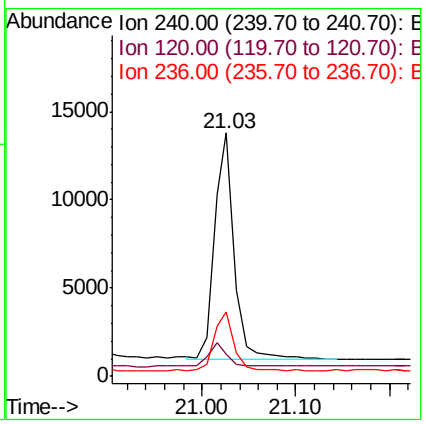


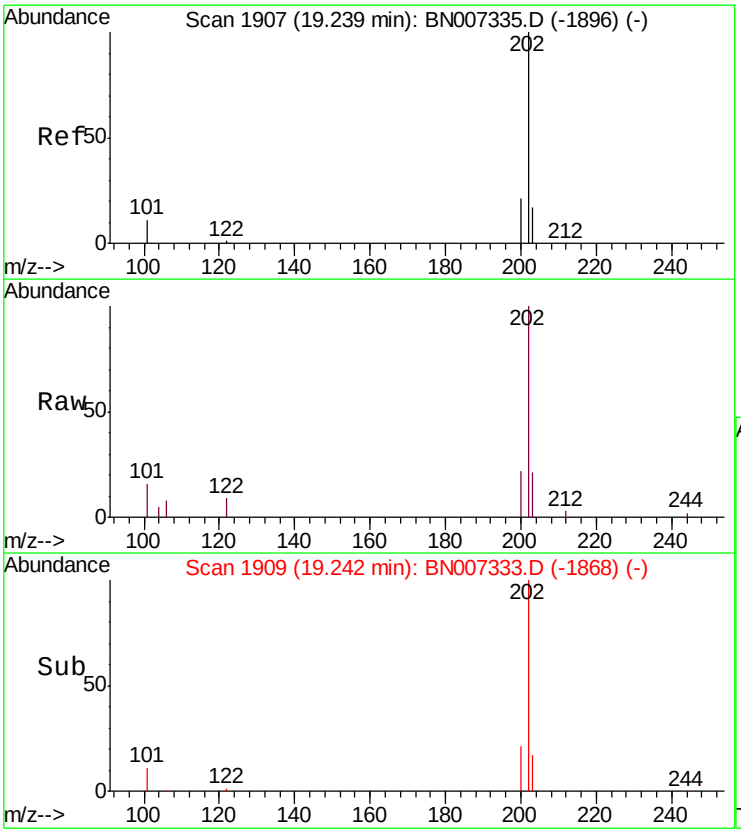
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.03 min Scan# 2159
Delta R.T. 0.01 min
Lab File: BN007333.D
Acq: 23 Aug 2019 19:02

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:240 Resp: 18804

Ion	Ratio	Lower	Upper
240	100		
120	9.0	9.6	14.4#
236	26.7	22.2	33.2

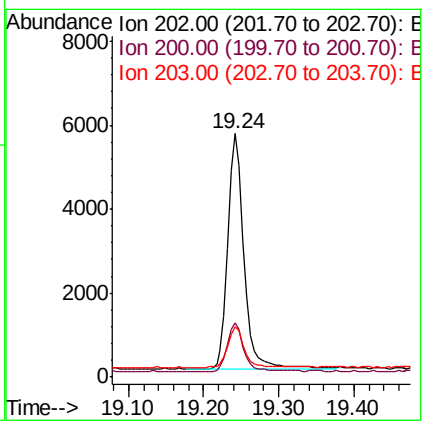


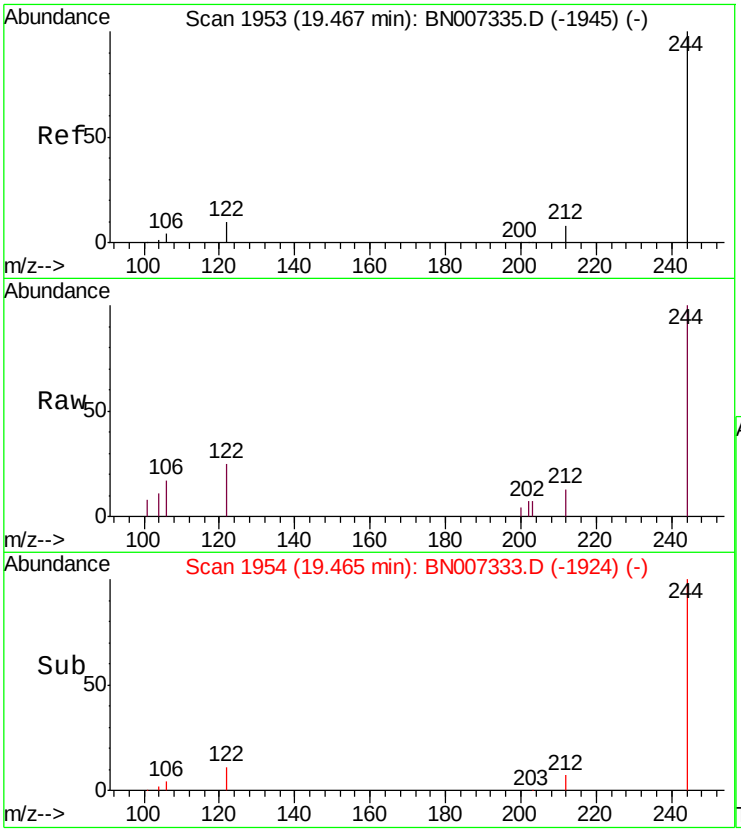


#28
Pyrene
Concen: 0.117 ng
RT: 19.24 min Scan# 1909
Delta R.T. 0.00 min
Lab File: BN007333.D
Acq: 23 Aug 2019 19:02

Tgt Ion:202 Resp: 8283

Ion	Ratio	Lower	Upper
202	100		
200	20.5	16.6	25.0
203	17.6	14.2	21.4



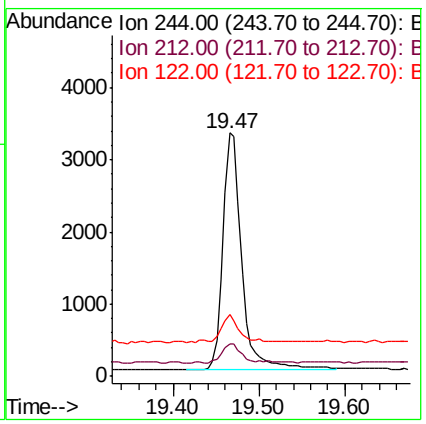


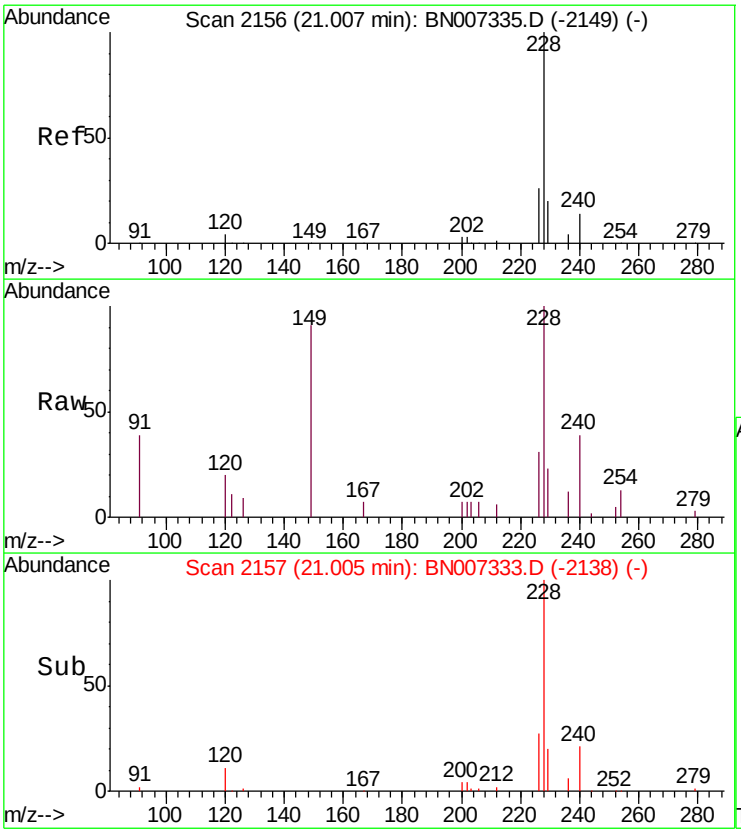
#29
Terphenyl-d14
Concen: 0.106 ng
RT: 19.47 min Scan# 1954
Delta R.T. -0.00 min
Lab File: BN007333.D
Acq: 23 Aug 2019 19:02

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:244 Resp: 5044

Ion	Ratio	Lower	Upper
244	100		
212	13.1	7.0	10.6#
122	25.3	9.6	14.4#

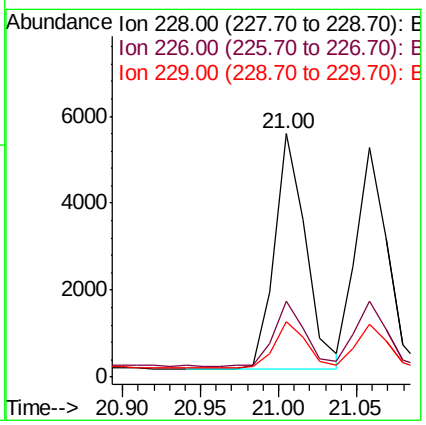


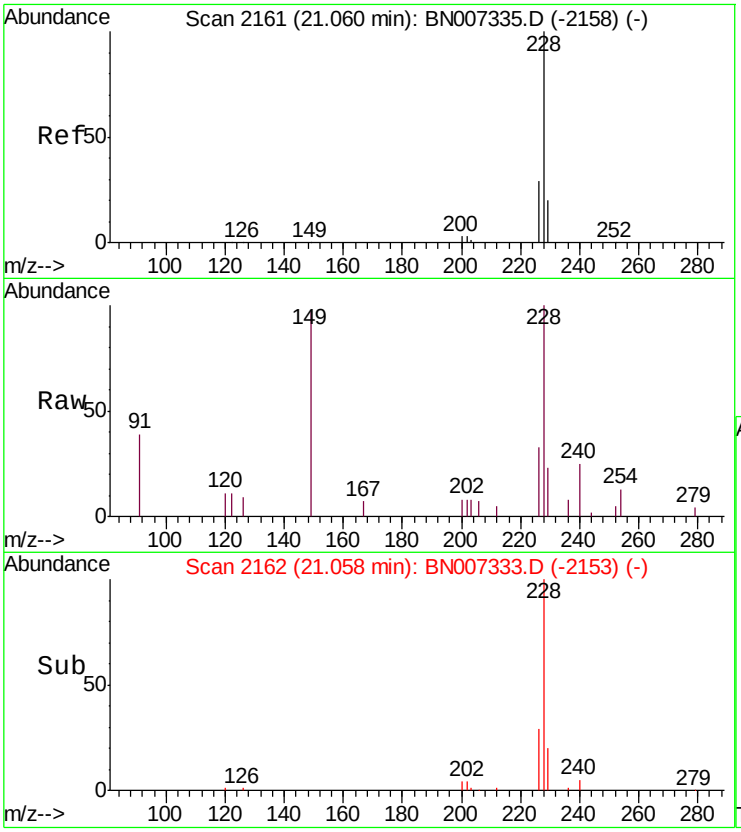


#30
Benzo(a)anthracene
Concen: 0.107 ng
RT: 21.00 min Scan# 2157
Delta R.T. -0.00 min
Lab File: BN007333.D
Acq: 23 Aug 2019 19:02

Tgt Ion:228 Resp: 7563

Ion	Ratio	Lower	Upper
228	100		
226	31.2	21.3	31.9
229	23.0	16.1	24.1



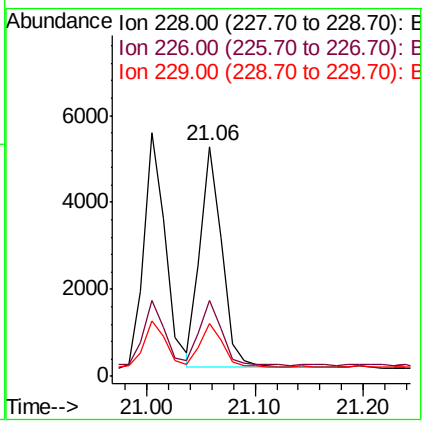


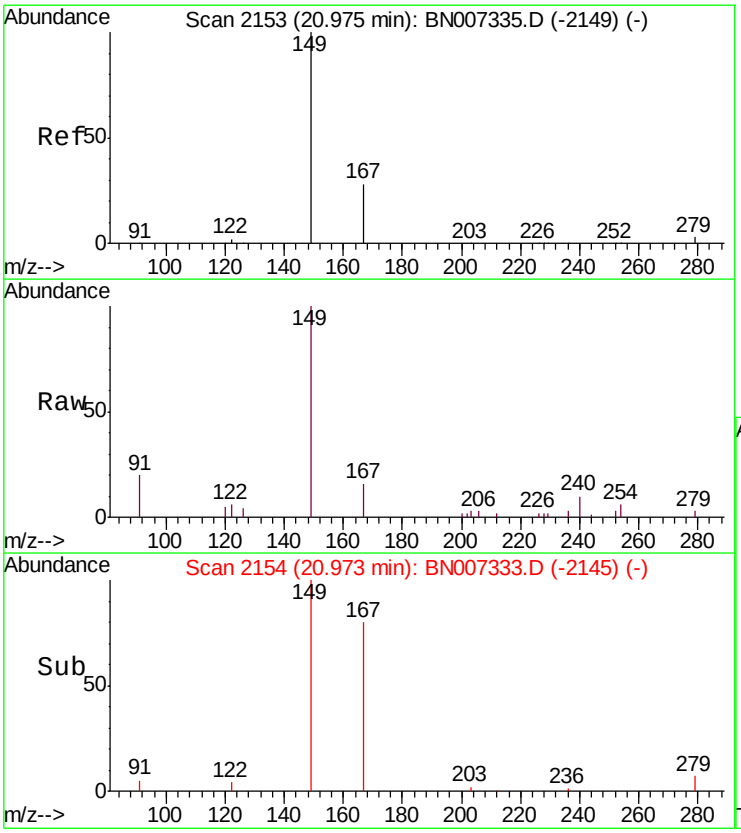
#31
Chrysene
Concen: 0.101 ng
RT: 21.06 min Scan# 2162
Delta R.T. -0.00 min
Lab File: BN007333.D
Acq: 23 Aug 2019 19:02

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:228 Resp: 7227

Ion	Ratio	Lower	Upper
228	100		
226	33.0	23.5	35.3
229	23.2	16.6	24.8

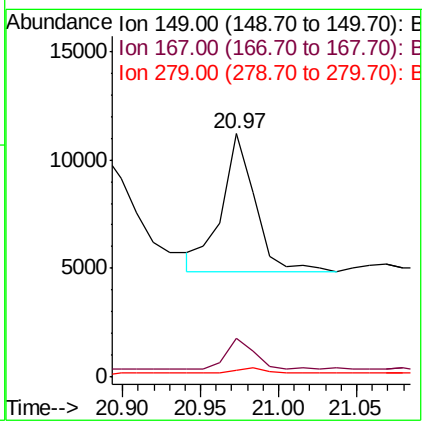


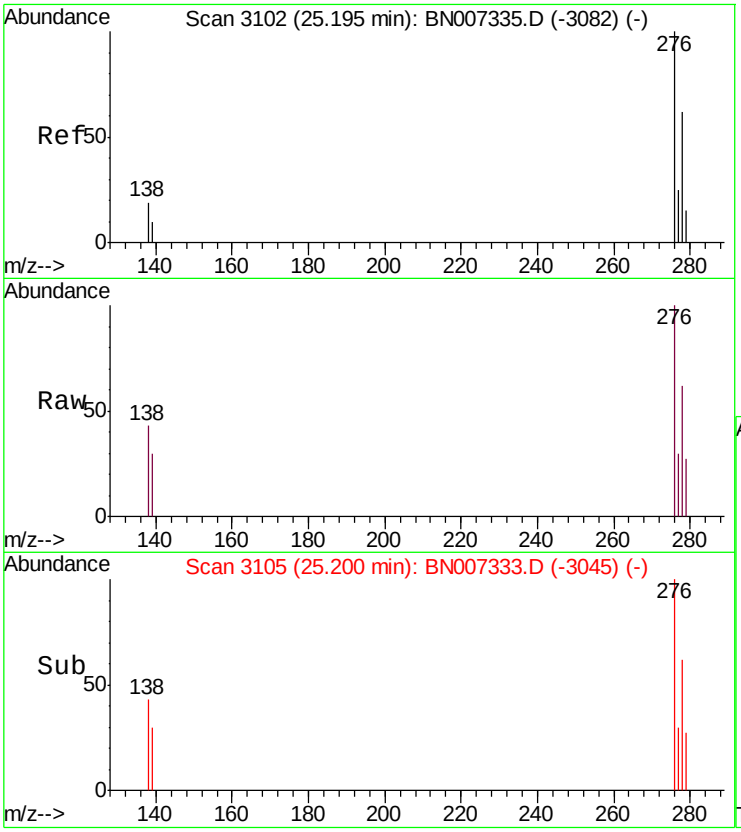


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.295 ng
RT: 20.97 min Scan# 2154
Delta R.T. -0.00 min
Lab File: BN007333.D
Acq: 23 Aug 2019 19:02

Tgt Ion:149 Resp: 9399

Ion	Ratio	Lower	Upper
149	100		
167	18.7	22.8	34.2#
279	3.6	3.5	5.3



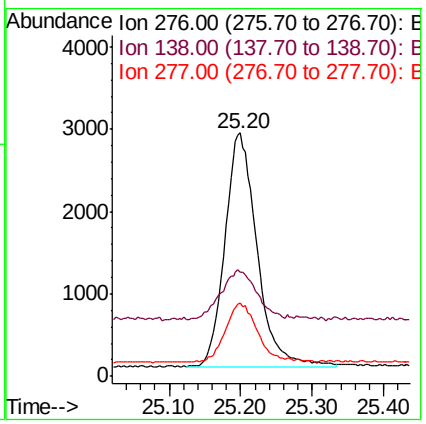


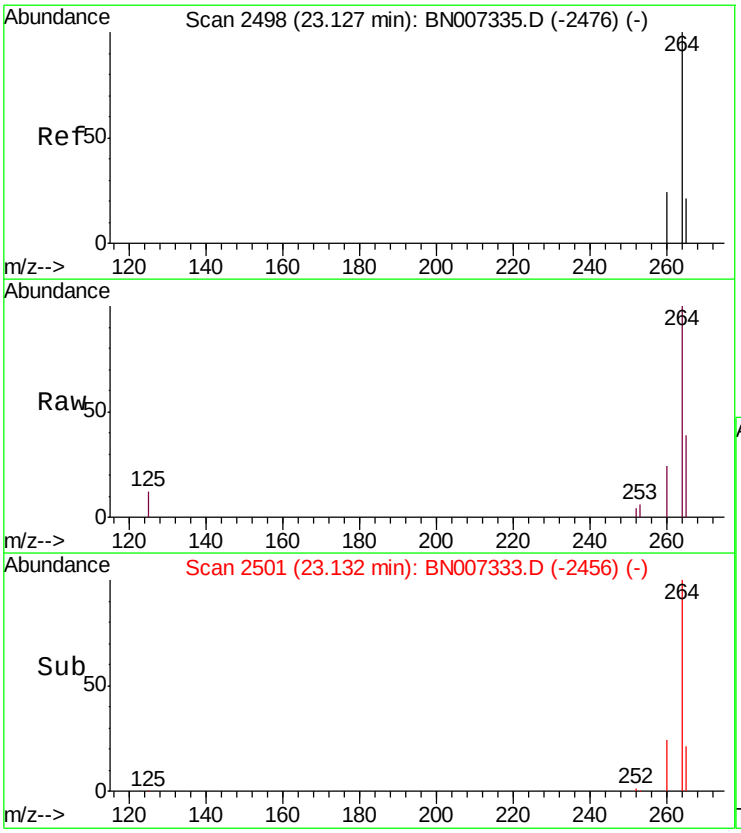
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.103 ng
RT: 25.20 min Scan# 3105
Delta R.T. 0.00 min
Lab File: BN007333.D
Acq: 23 Aug 2019 19:02

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:276 Resp: 8827

Ion	Ratio	Lower	Upper
276	100		
138	23.4	15.1	22.7#
277	25.1	19.7	29.5

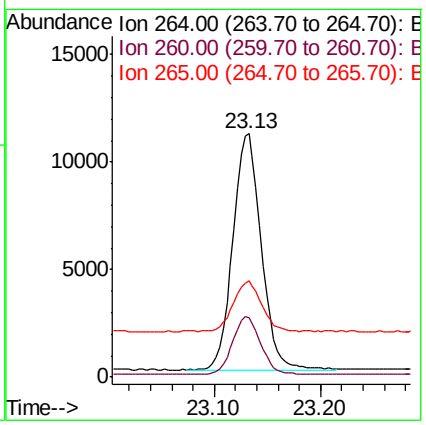


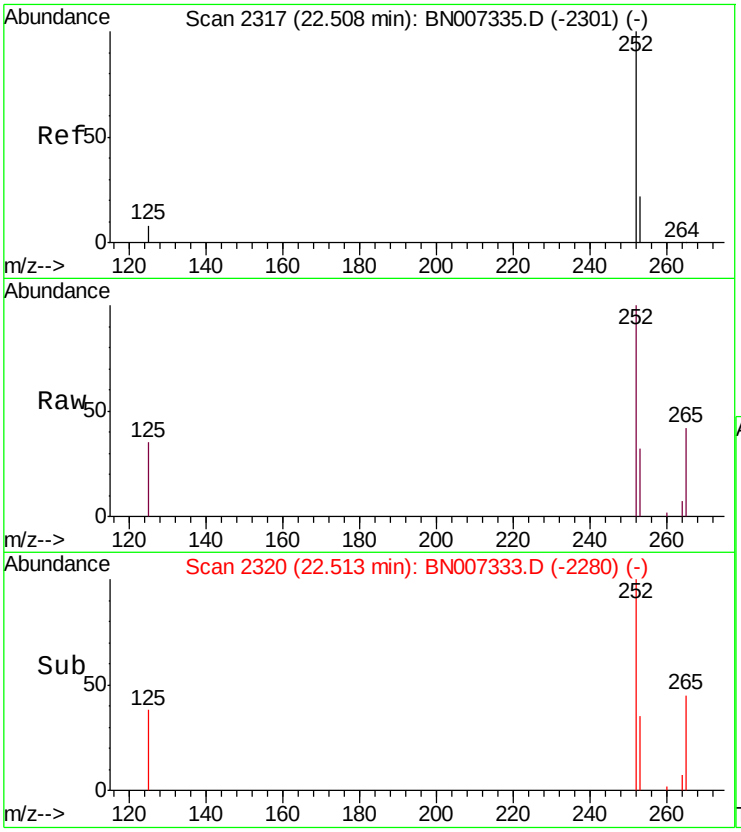


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.13 min Scan# 2501
Delta R.T. 0.00 min
Lab File: BN007333.D
Acq: 23 Aug 2019 19:02

Tgt Ion:264 Resp: 20517

Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.7	29.5
265	39.5	29.9	44.9



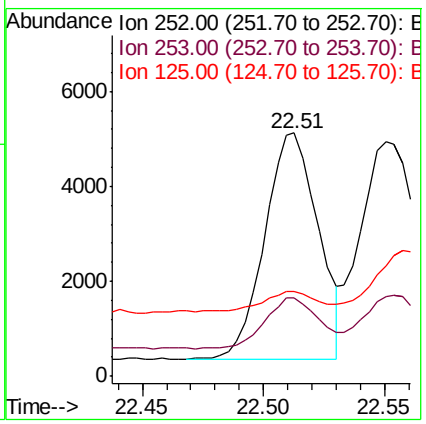


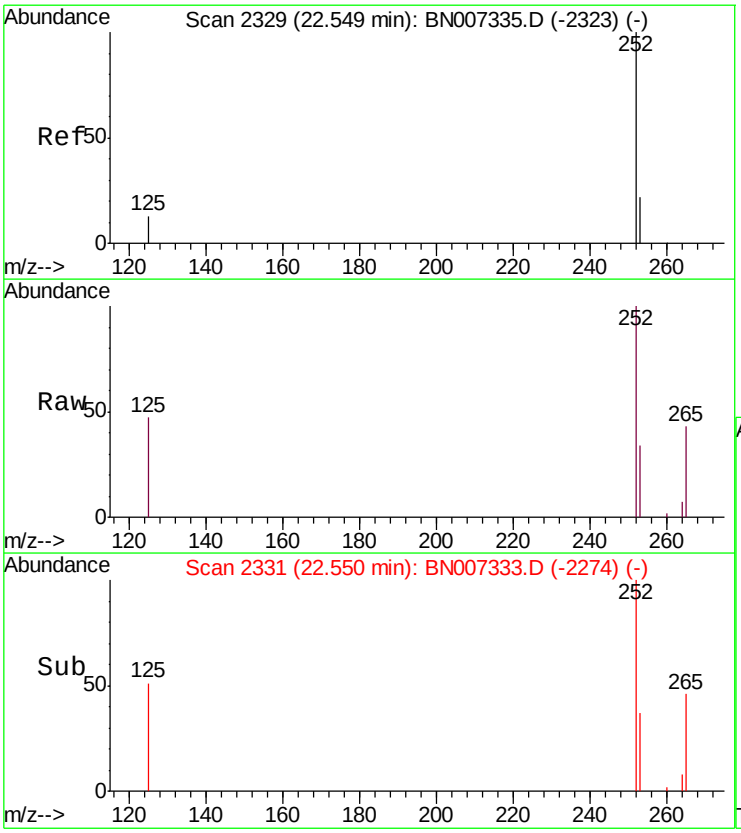
#35
Benzo(b)fluoranthene
Concen: 0.097 ng
RT: 22.51 min Scan# 2320
Delta R.T. 0.00 min
Lab File: BN007333.D
Acq: 23 Aug 2019 19:02

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:252 Resp: 7374

Ion	Ratio	Lower	Upper
252	100		
253	32.3	19.2	28.8#
125	34.9	10.6	16.0#

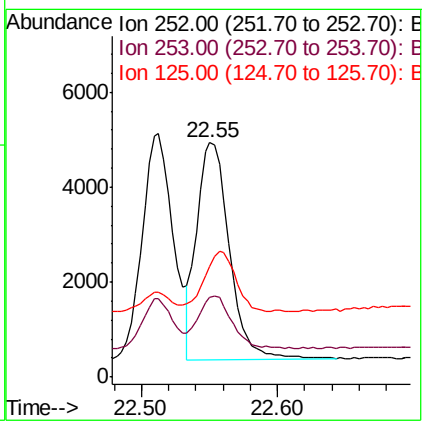


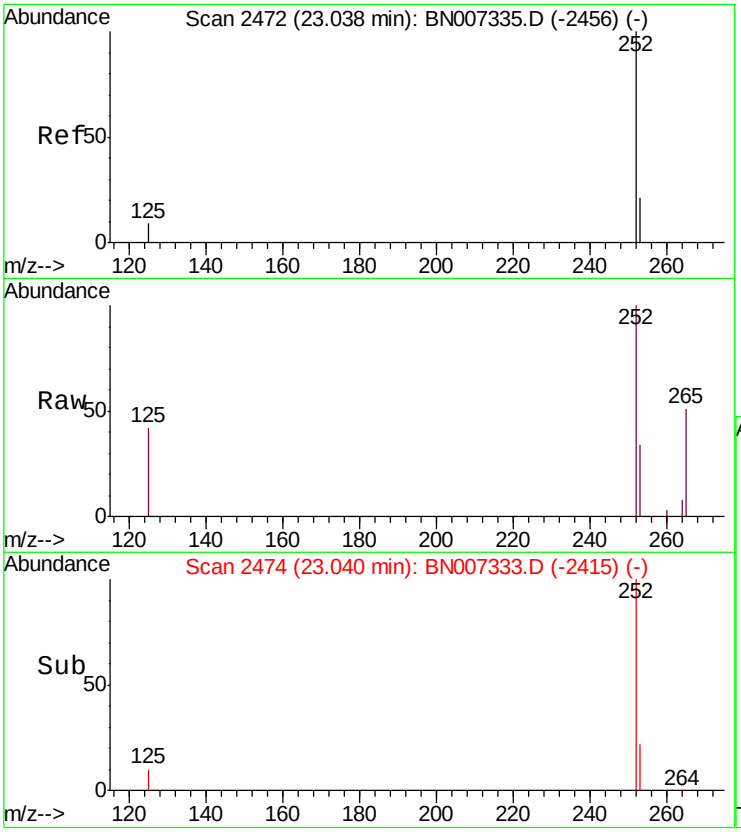


#36
Benzo(k)fluoranthene
Concen: 0.101 ng
RT: 22.55 min Scan# 2331
Delta R.T. 0.00 min
Lab File: BN007333.D
Acq: 23 Aug 2019 19:02

Tgt Ion:252 Resp: 7555

Ion	Ratio	Lower	Upper
252	100		
253	33.9	19.4	29.2#
125	47.2	13.1	19.7#



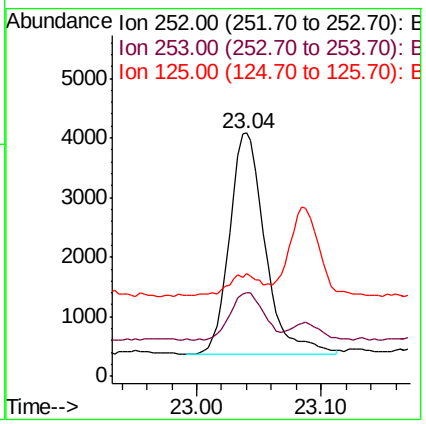


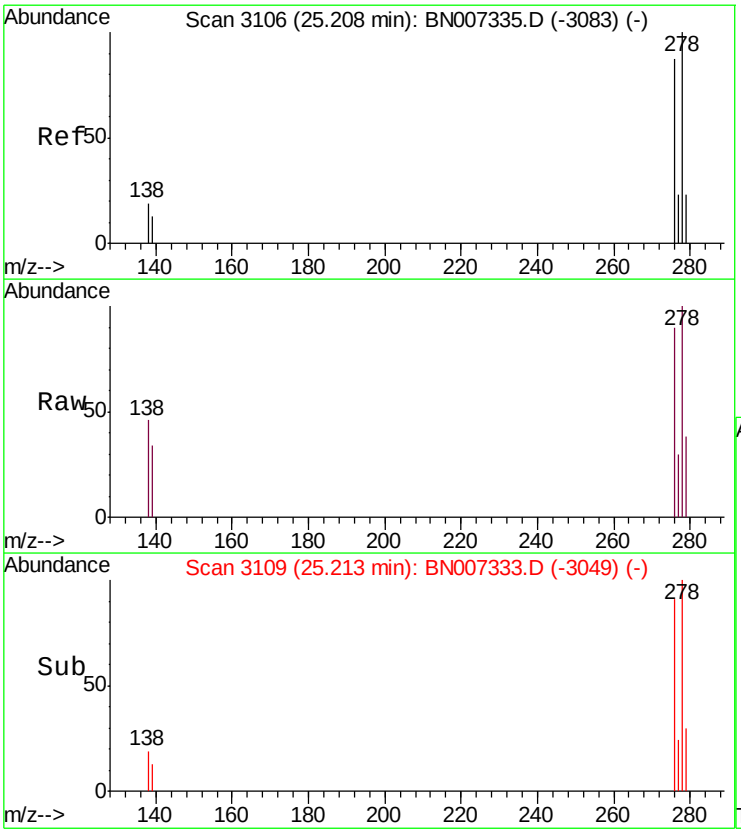
#37
Benzo(a)pyrene
Concen: 0.107 ng
RT: 23.04 min Scan# 2474
Delta R.T. 0.00 min
Lab File: BN007333.D
Acq: 23 Aug 2019 19:02

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:252 Resp: 7414

Ion	Ratio	Lower	Upper
252	100		
253	34.4	19.5	29.3#
125	42.0	12.1	18.1#

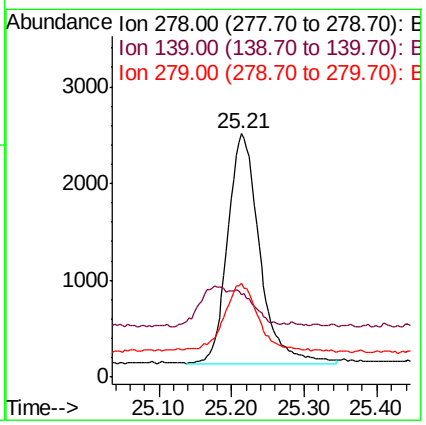


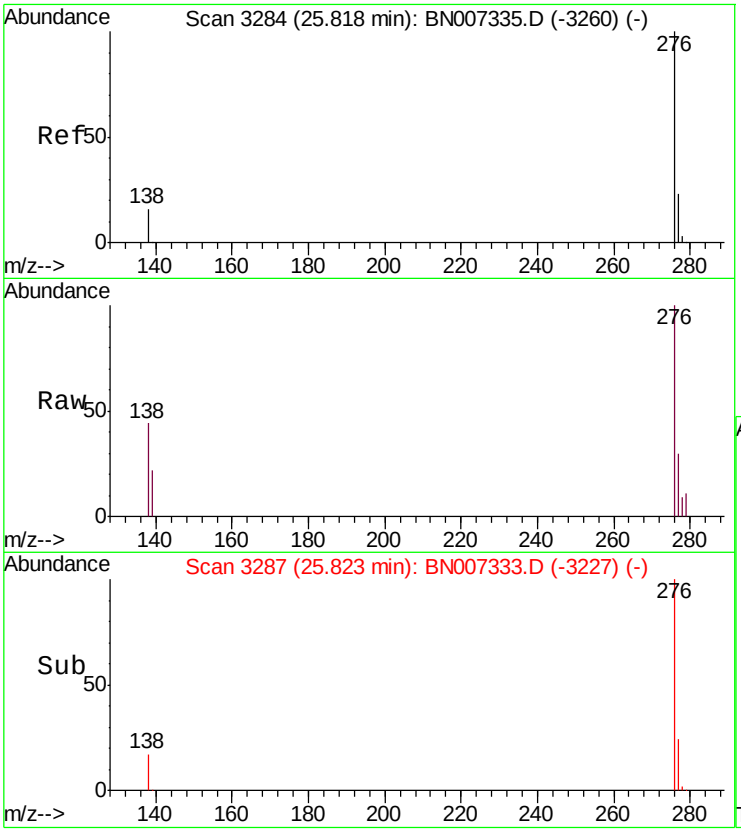


#38
Dibenzo(a,h)anthracene
Concen: 0.101 ng
RT: 25.21 min Scan# 3109
Delta R.T. 0.01 min
Lab File: BN007333.D
Acq: 23 Aug 2019 19:02

Tgt Ion:278 Resp: 7261

Ion	Ratio	Lower	Upper
278	100		
139	34.0	13.7	20.5#
279	38.3	20.2	30.4#





#39
Benzo(g,h,i)perylene
Concen: 0.099 ng
RT: 25.82 min Scan# 3287
Delta R.T. 0.00 min
Lab File: BN007333.D
Acq: 23 Aug 2019 19:02

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:276 Resp: 7241

Ion	Ratio	Lower	Upper
276	100		
277	29.9	19.6	29.4#
138	43.9	16.3	24.5#