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

Quantitation Report (Not Reviewed)

Data File : BN007337.D
Acq On : 23 Aug 2019 21:25
Operator : HP/JU
Sample : SSTDICC1.6
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDICC1.6

Quant Time: Aug 24 00:17:23 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 00:12:24 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.40	152	3833	0.40	ng		0.00
7) Naphthalene-d8	10.16	136	15658	0.40	ng		0.00
13) Acenaphthene-d10	14.05	164	8557	0.40	ng		0.00
19) Phenanthrene-d10	16.80	188	19675	0.40	ng		0.00
27) Chrysene-d12	21.02	240	19393	0.40	ng		0.00
34) Perylene-d12	23.12	264	20826	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.03	112	19448	1.61	ng		0.00
5) Phenol-d6	6.59	99	24303	1.57	ng		0.00
8) Nitrobenzene-d5	8.53	82	21527	1.77	ng		0.00
11) 2-Methylnaphthalene-d10	11.76	152	42427	1.58	ng		0.00
14) 2,4,6-Tribromophenol	15.55	330	7101	1.48	ng		-0.01
15) 2-Fluorobiphenyl	12.66	172	57053	1.57	ng		0.00
25) Fluoranthene-d10	18.85	212	101615	1.62	ng		0.00
29) Terphenyl-d14	19.47	244	80988	1.66	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.01	88	9388	1.663	ng	#	86
3) n-Nitrosodimethylamine	3.31	42	4885	1.364	ng		92
6) bis(2-Chloroethyl)ether	6.84	93	21194	1.823	ng		99
9) Naphthalene	10.20	128	71955	1.623	ng	#	91
10) Hexachlorobutadiene	10.51	225	14535	1.503	ng	#	100
12) 2-Methylnaphthalene	11.83	142	49645	1.615	ng		98
16) Acenaphthylene	13.76	152	82830	1.788	ng		99
17) Acenaphthene	14.11	154	47940	1.653	ng		99
18) Fluorene	15.10	166	62353	1.651	ng		99
20) 4-Bromophenyl-phenylether	16.01	248	7288	0.670	ng	#	90
21) Hexachlorobenzene	16.12	284	21110	1.623	ng		98
22) Pentachlorophenol	16.46	266	6696	1.313	ng	#	67
23) Phenanthrene	16.84	178	97906	1.601	ng		99
24) Anthracene	16.93	178	99132	1.764	ng		99
26) Fluoranthene	18.88	202	119335	1.589	ng		100
28) Pyrene	19.24	202	122364	1.670	ng		100
30) Benzo(a)anthracene	21.01	228	121091	1.661	ng		99
31) Chrysene	21.06	228	119403	1.618	ng		98
32) Bis(2-ethylhexyl)phthalate	20.97	149	78940	2.400	ng		98
33) Indeno(1,2,3-cd)pyrene	25.19	276	141386	1.596	ng		99
35) Benzo(b)fluoranthene	22.51	252	123305	1.592	ng	#	94
36) Benzo(k)fluoranthene	22.55	252	119380	1.574	ng	#	91
37) Benzo(a)pyrene	23.03	252	114714	1.627	ng	#	93
38) Dibenzo(a,h)anthracene	25.21	278	115225	1.573	ng	#	95
39) Benzo(g,h,i)perylene	25.81	276	114778	1.553	ng		97

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

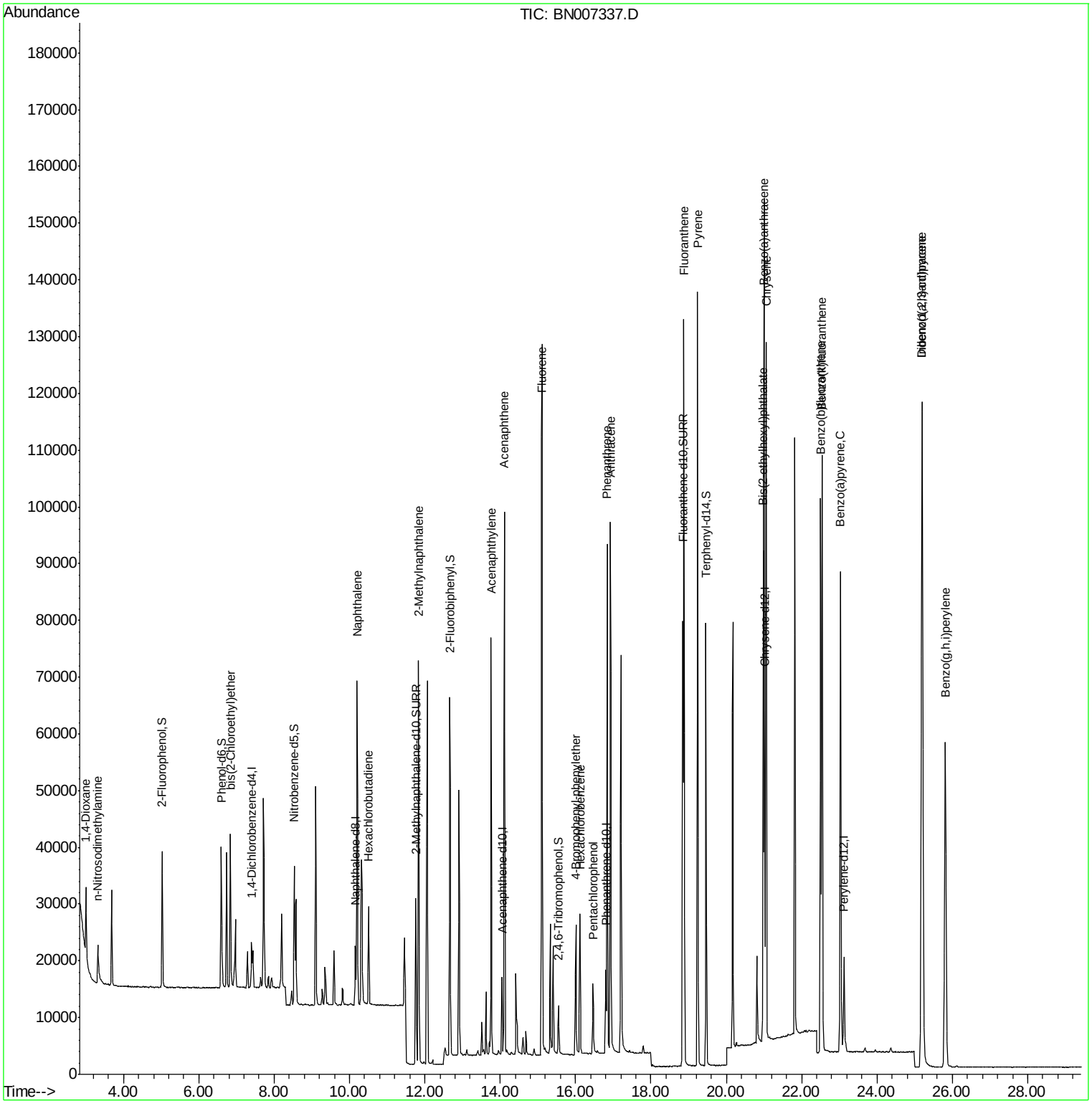
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN082319\

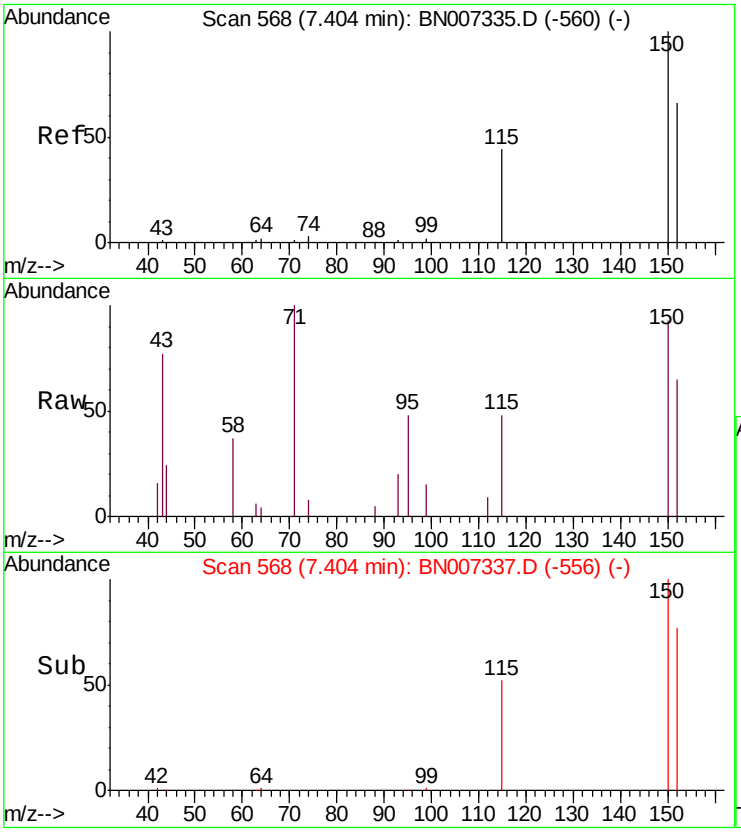
Quantitation Report (Not Reviewed)

Data File : BN007337.D
Acq On : 23 Aug 2019 21:25
Operator : HP/JU
Sample : SSTDICC1.6
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Quant Time: Aug 24 00:17:23 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 00:12:24 2019
Response via : Initial Calibration



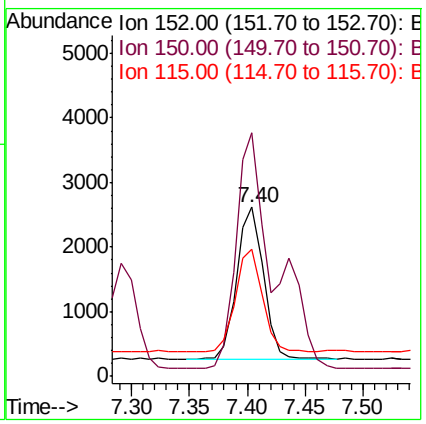


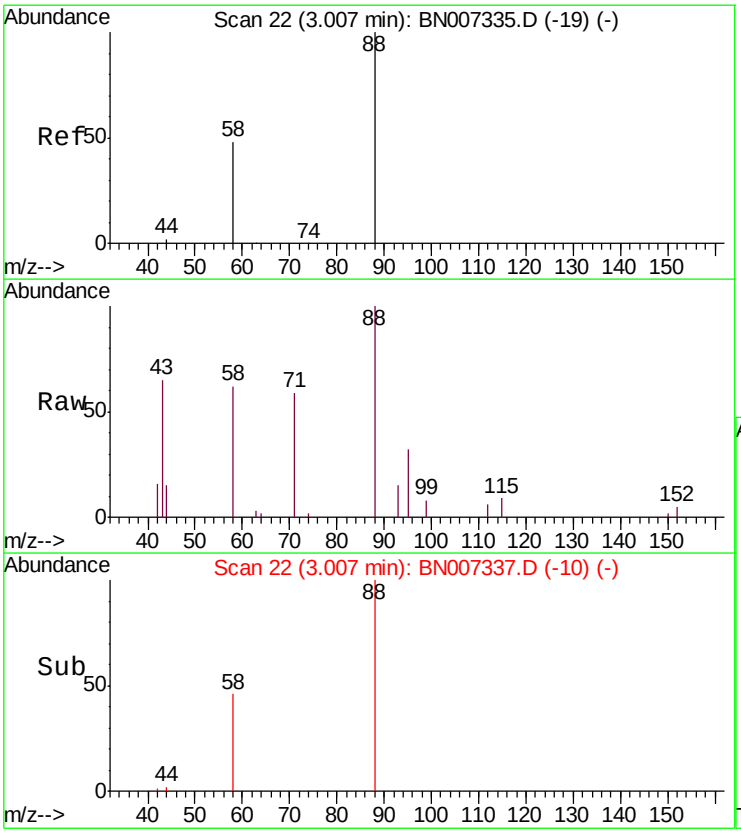
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.40 min Scan# 568
Delta R.T. 0.00 min
Lab File: BN007337.D
Acq: 23 Aug 2019 21:25

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:152 Resp: 3833

Ion	Ratio	Lower	Upper
152	100		
150	143.8	109.1	163.7
115	75.1	59.6	89.4

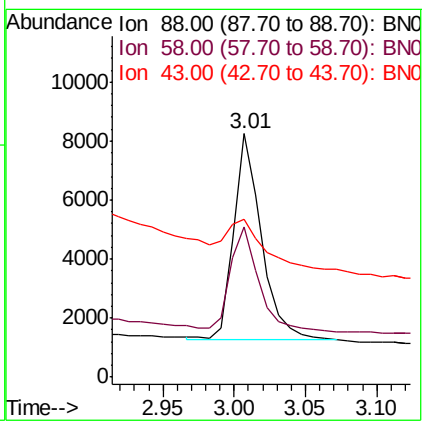


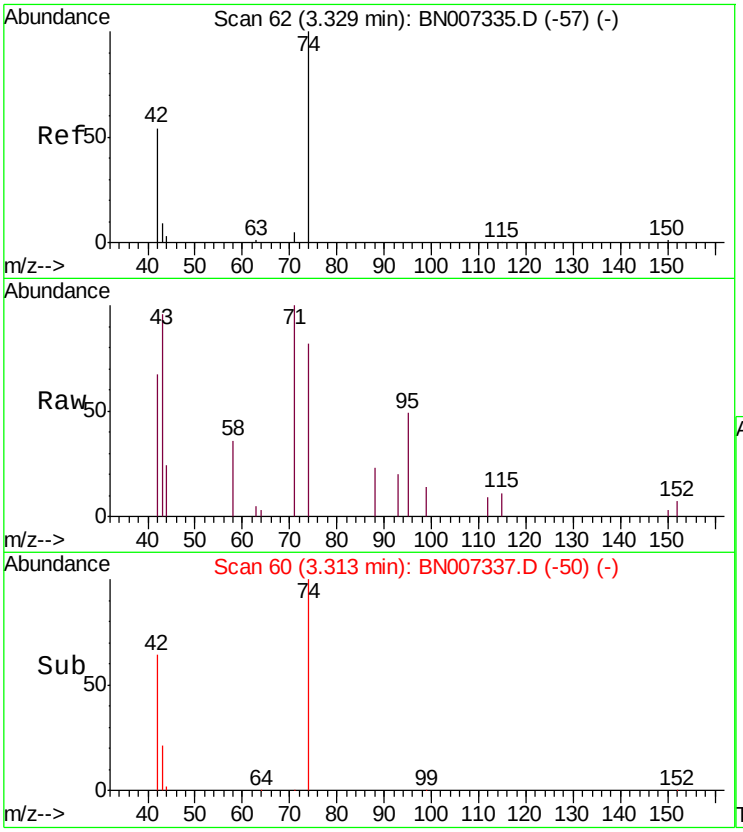


#2
1,4-Dioxane
Concen: 1.663 ng
RT: 3.01 min Scan# 22
Delta R.T. 0.00 min
Lab File: BN007337.D
Acq: 23 Aug 2019 21:25

Tgt Ion: 88 Resp: 9388

Ion	Ratio	Lower	Upper
88	100		
58	51.9	50.5	75.7
43	34.4	0.0	0.0#



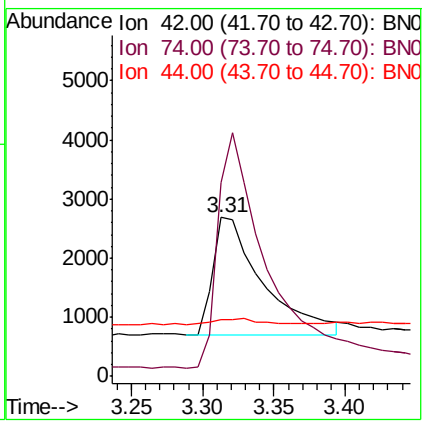


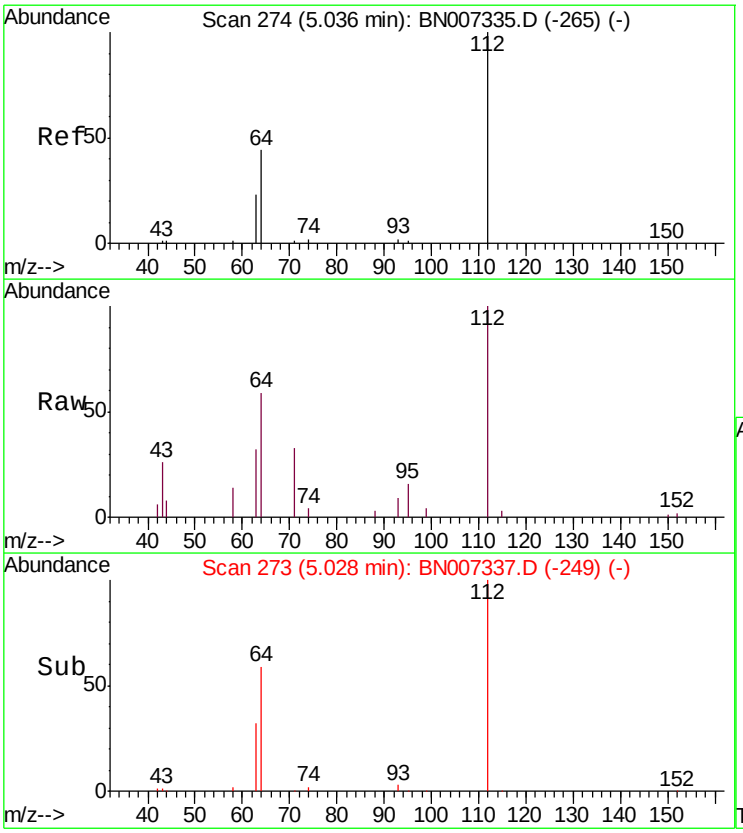
#3
n-Nitrosodimethylamine
Concen: 1.364 ng
RT: 3.31 min Scan# 60
Delta R.T. -0.02 min
Lab File: BN007337.D
Acq: 23 Aug 2019 21:25

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion: 42 Resp: 4885

Ion	Ratio	Lower	Upper
42	100		
74	192.9	144.7	217.1
44	4.7	3.2	4.8

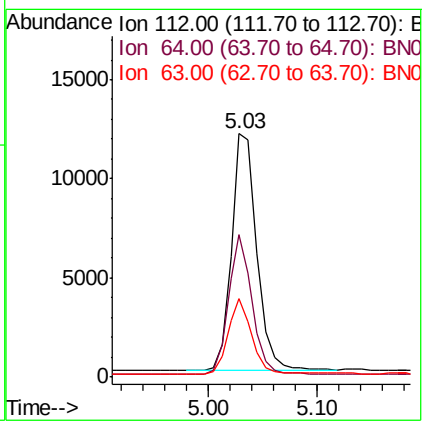


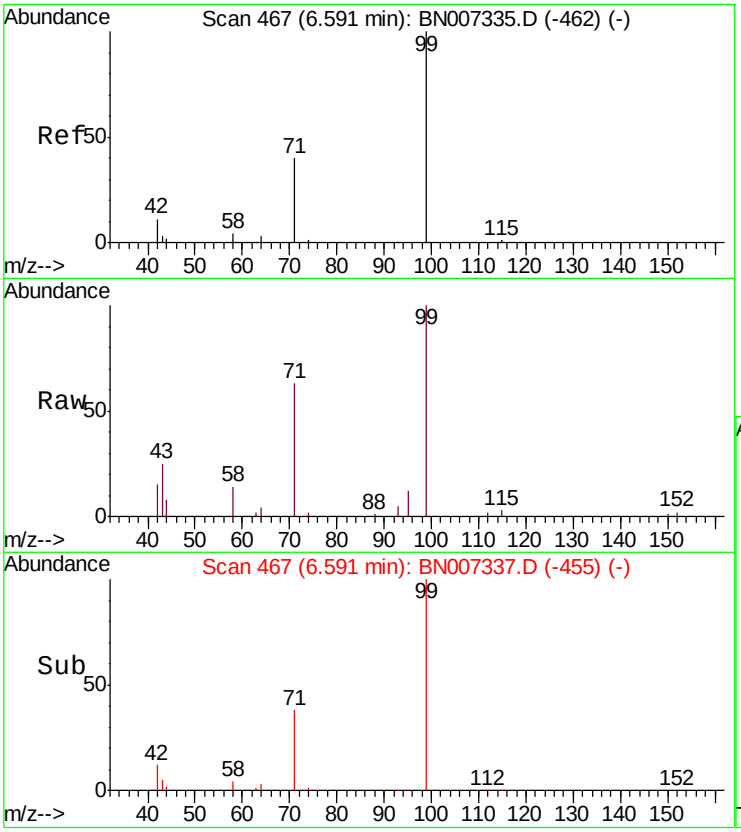


#4
2-Fluorophenol
Concen: 1.612 ng
RT: 5.03 min Scan# 273
Delta R.T. -0.01 min
Lab File: BN007337.D
Acq: 23 Aug 2019 21:25

Tgt Ion:112 Resp: 19448

Ion	Ratio	Lower	Upper
112	100		
64	55.2	42.3	63.5
63	30.0	23.6	35.4



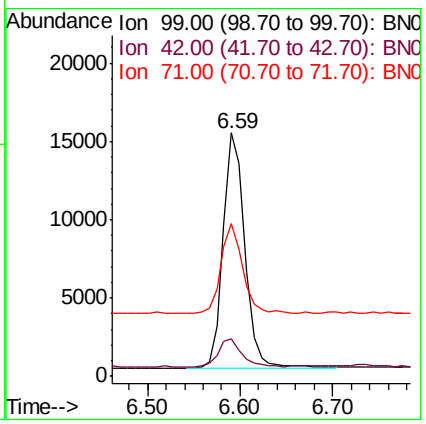


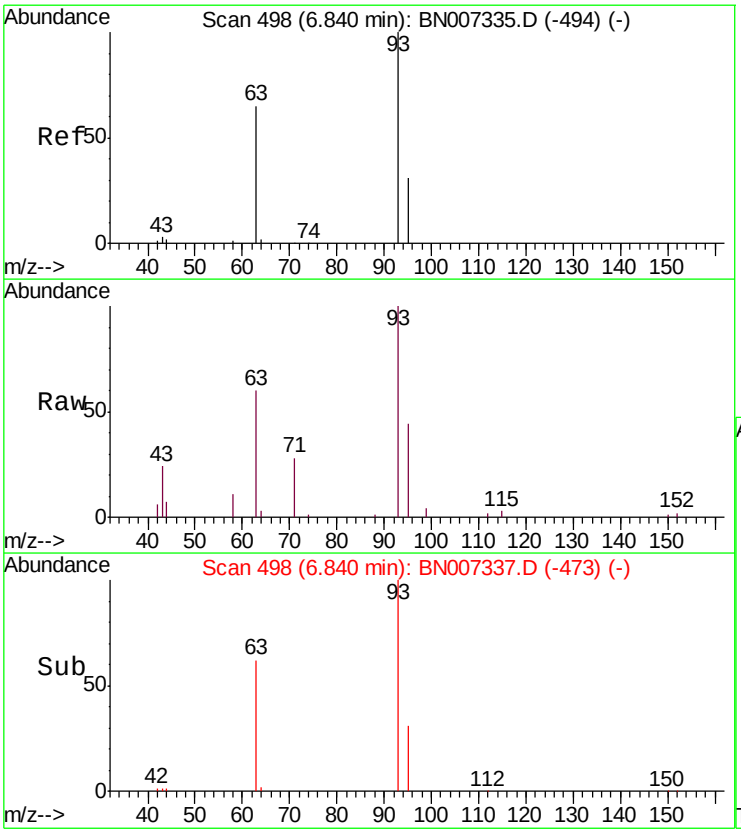
#5
Phenol-d6
Concen: 1.567 ng
RT: 6.59 min Scan# 467
Delta R.T. 0.00 min
Lab File: BN007337.D
Acq: 23 Aug 2019 21:25

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion: 99 Resp: 24303

Ion	Ratio	Lower	Upper
99	100		
42	12.5	11.2	16.8
71	38.1	31.8	47.8

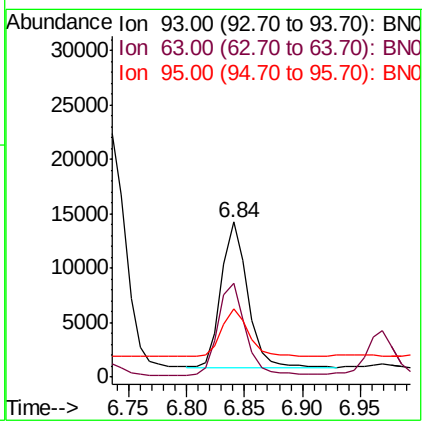


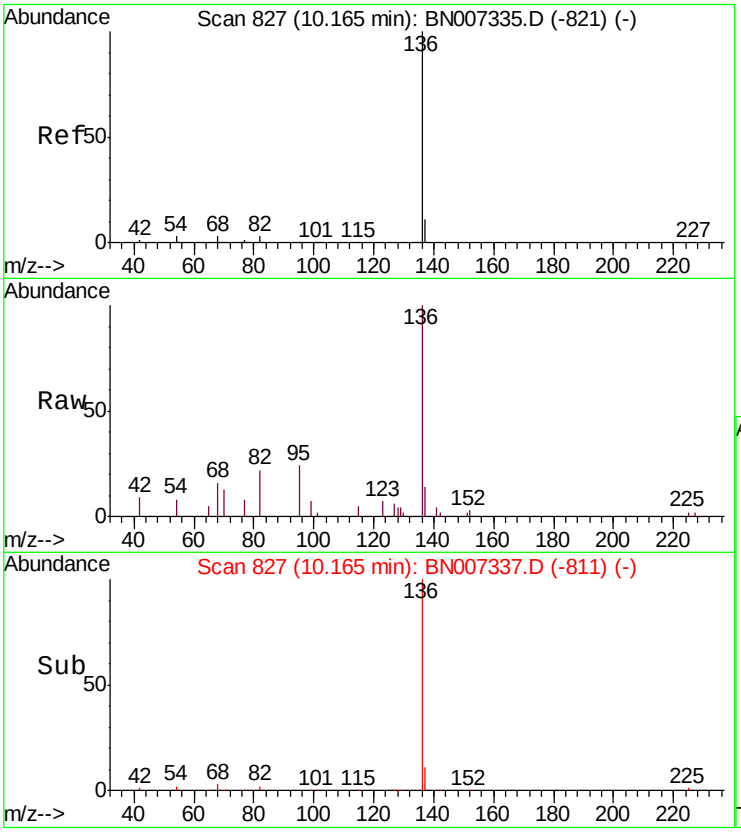


#6
bis(2-Chloroethyl)ether
Concen: 1.823 ng
RT: 6.84 min Scan# 498
Delta R.T. 0.00 min
Lab File: BN007337.D
Acq: 23 Aug 2019 21:25

Tgt Ion: 93 Resp: 21194

Ion	Ratio	Lower	Upper
93	100		
63	65.2	51.9	77.9
95	32.7	27.7	41.5



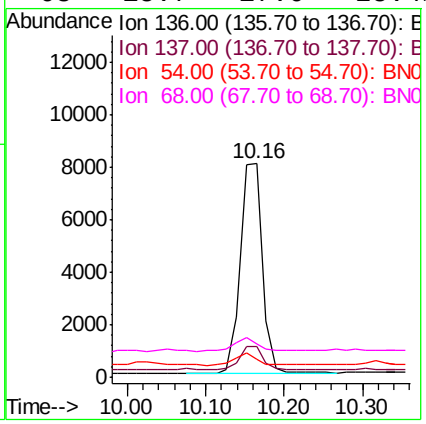


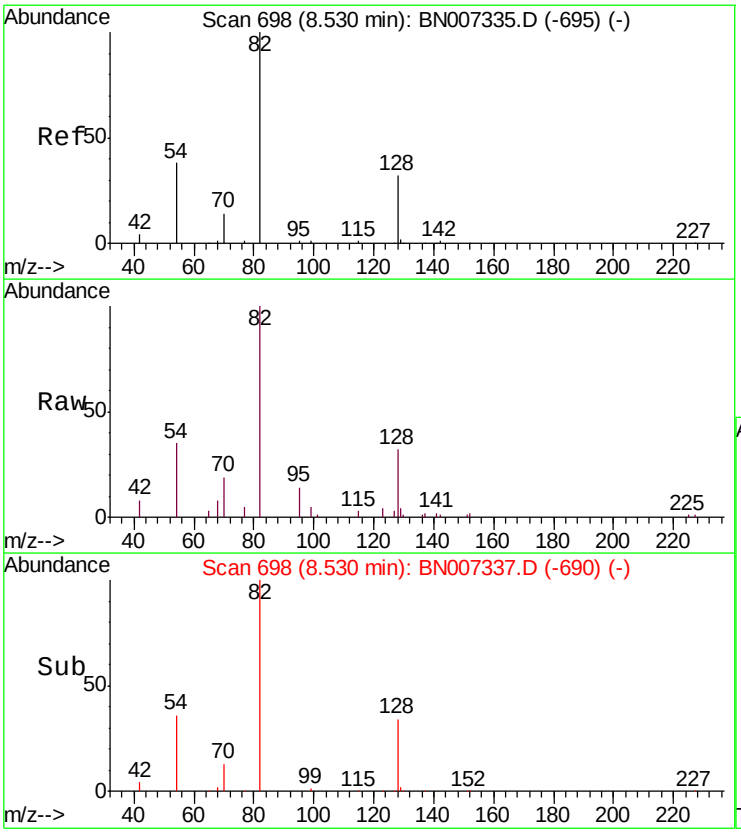
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.16 min Scan# 827
Delta R.T. 0.00 min
Lab File: BN007337.D
Acq: 23 Aug 2019 21:25

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:136 Resp: 15658

Ion	Ratio	Lower	Upper
136	100		
137	14.5	12.9	19.3
54	8.1	8.6	12.8#
68	15.7	17.0	25.4#

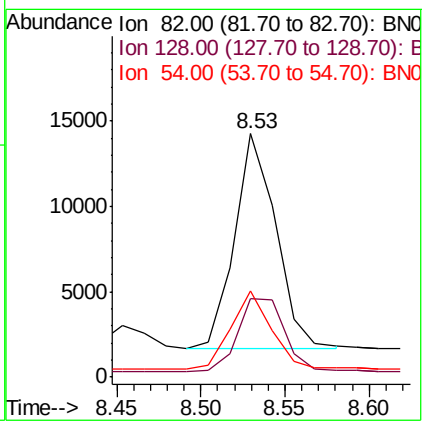


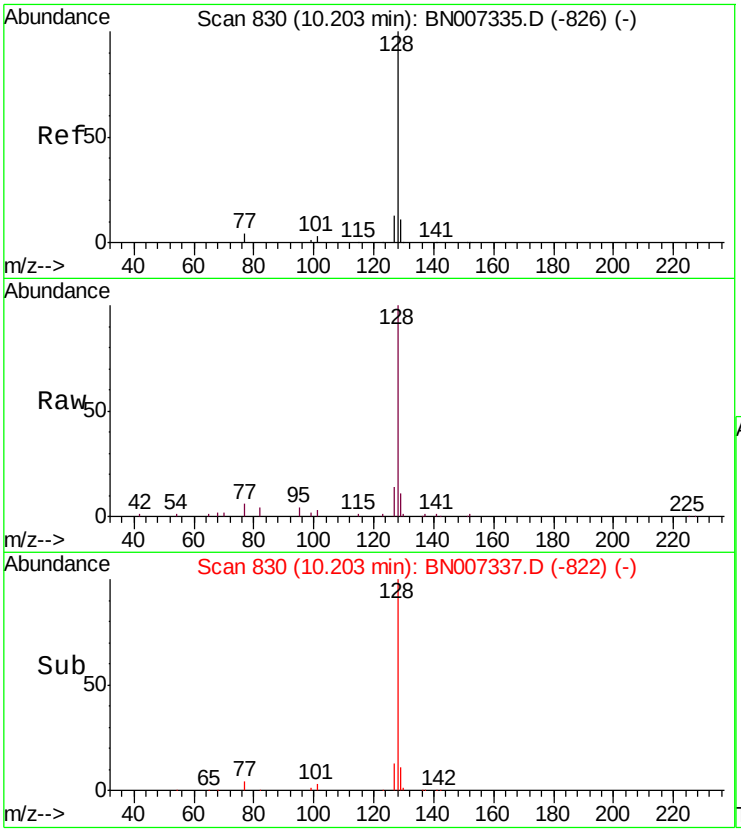


#8
Nitrobenzene-d5
Concen: 1.774 ng
RT: 8.53 min Scan# 698
Delta R.T. 0.00 min
Lab File: BN007337.D
Acq: 23 Aug 2019 21:25

Tgt Ion: 82 Resp: 21527

Ion	Ratio	Lower	Upper
82	100		
128	32.0	19.7	29.5#
54	35.4	25.8	38.6



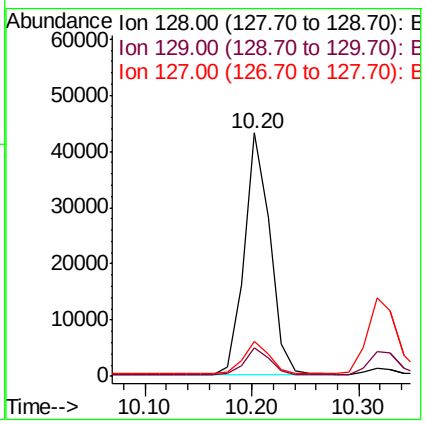


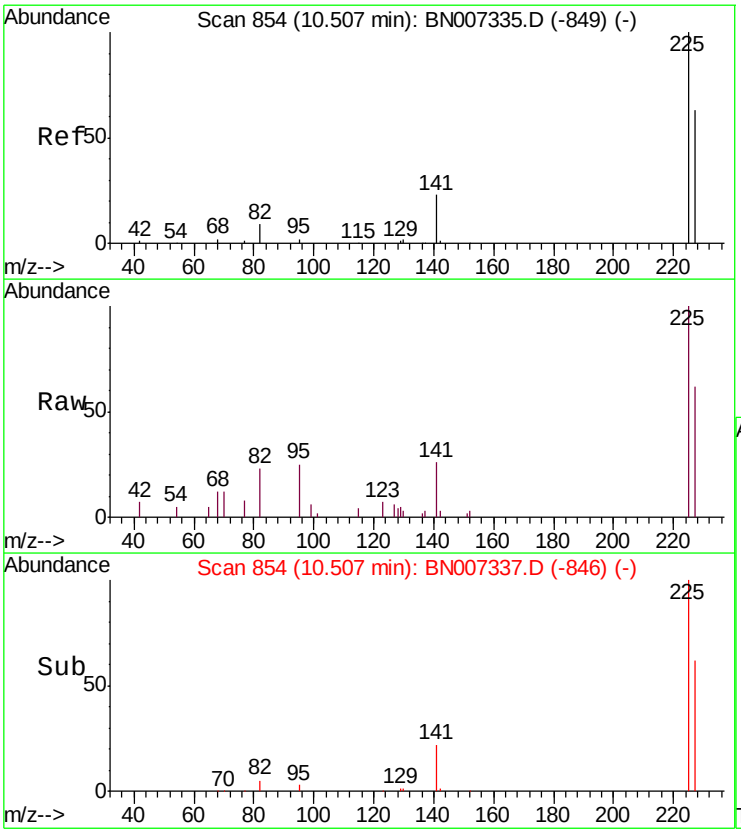
#9
Naphthalene
Concen: 1.623 ng
RT: 10.20 min Scan# 830
Delta R.T. 0.00 min
Lab File: BN007337.D
Acq: 23 Aug 2019 21:25

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:128 Resp: 71955

Ion	Ratio	Lower	Upper
128	100		
129	11.5	11.1	16.7
127	14.1	15.5	23.3#

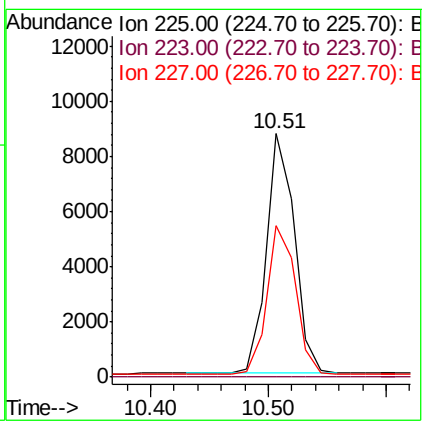


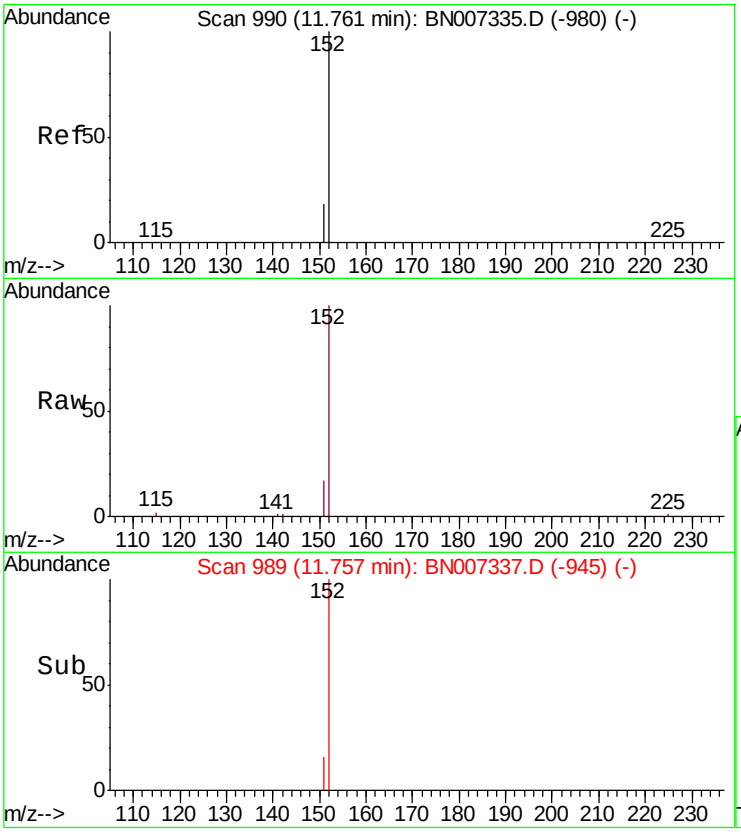


#10
Hexachlorobutadiene
Concen: 1.503 ng
RT: 10.51 min Scan# 854
Delta R.T. 0.00 min
Lab File: BN007337.D
Acq: 23 Aug 2019 21:25

Tgt Ion:225 Resp: 14535

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.7	50.7	76.1



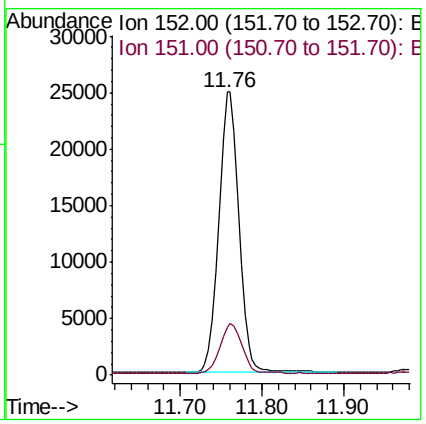


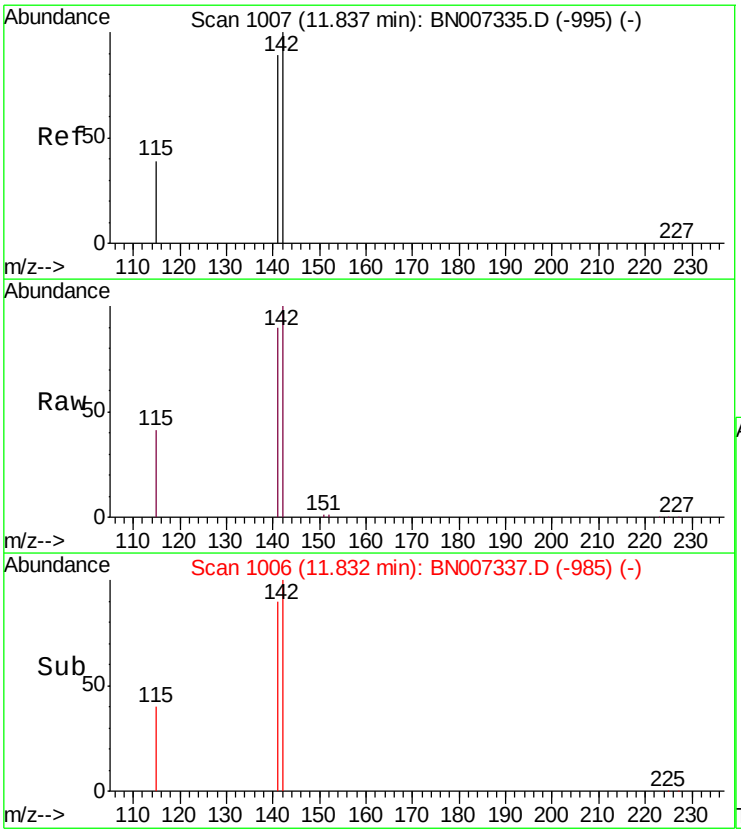
#11
2-Methylnaphthalene-d10
Concen: 1.578 ng
RT: 11.76 min Scan# 989
Delta R.T. -0.00 min
Lab File: BN007337.D
Acq: 23 Aug 2019 21:25

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:152 Resp: 42427

Ion	Ratio	Lower	Upper
152	100		
151	19.0	16.2	24.2

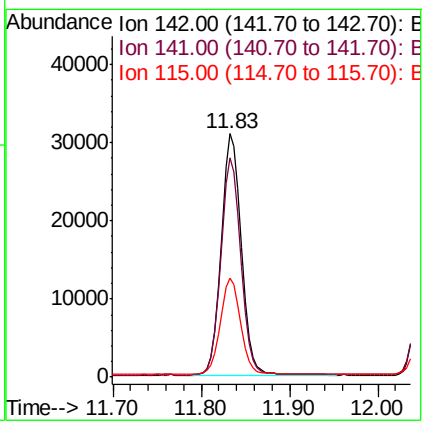


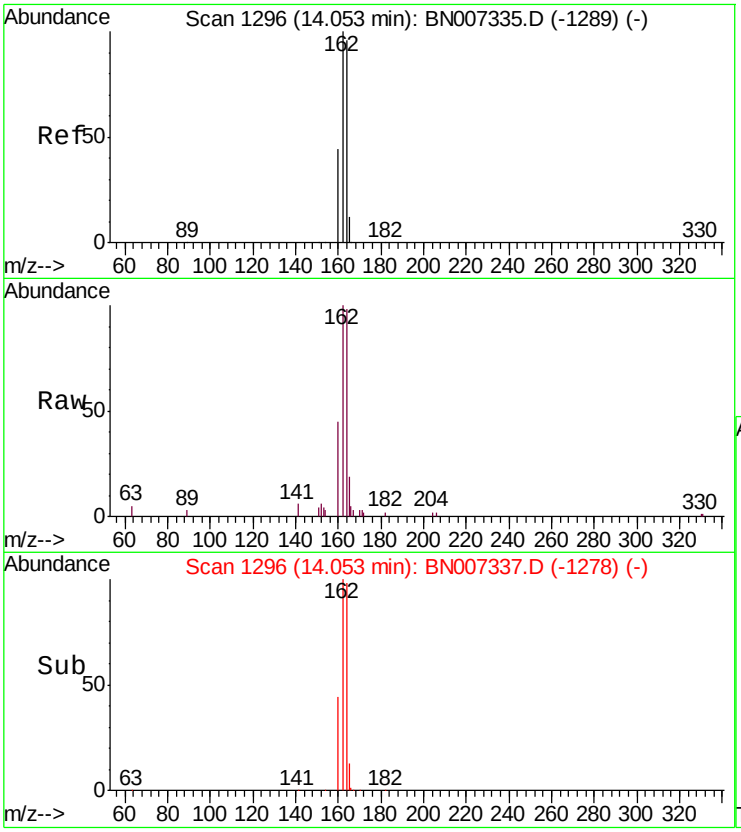


#12
2-Methylnaphthalene
Concen: 1.615 ng
RT: 11.83 min Scan# 1006
Delta R.T. -0.00 min
Lab File: BN007337.D
Acq: 23 Aug 2019 21:25

Tgt Ion:142 Resp: 49645

Ion	Ratio	Lower	Upper
142	100		
141	90.3	72.8	109.2
115	40.6	35.2	52.8



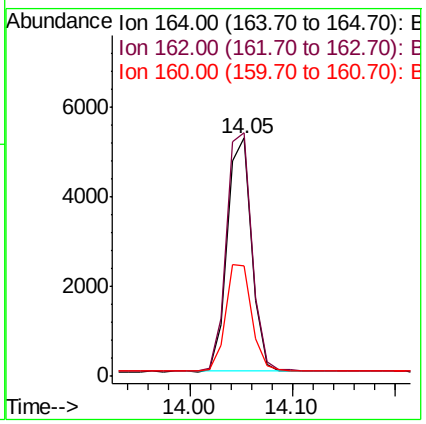


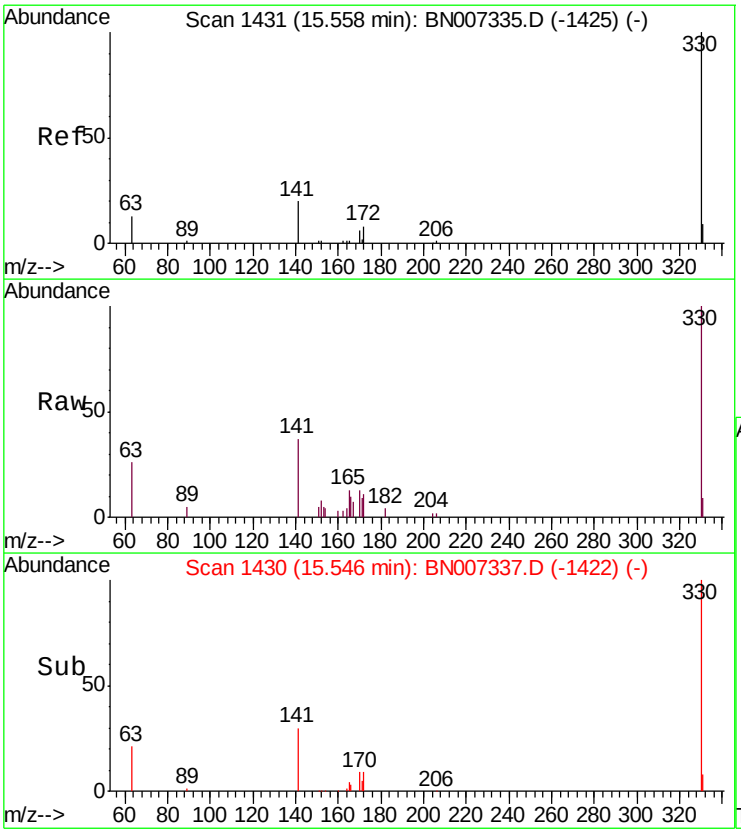
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.05 min Scan# 1296
Delta R.T. 0.00 min
Lab File: BN007337.D
Acq: 23 Aug 2019 21:25

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:164 Resp: 8557

Ion	Ratio	Lower	Upper
164	100		
162	102.3	83.5	125.3
160	46.4	38.2	57.4

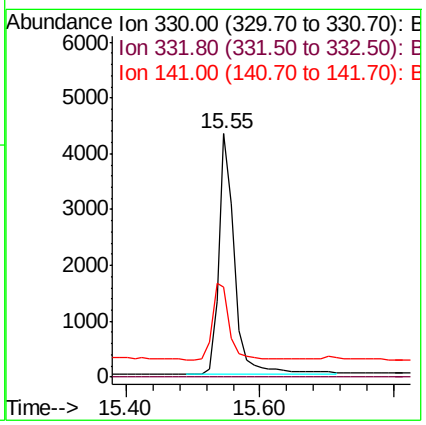


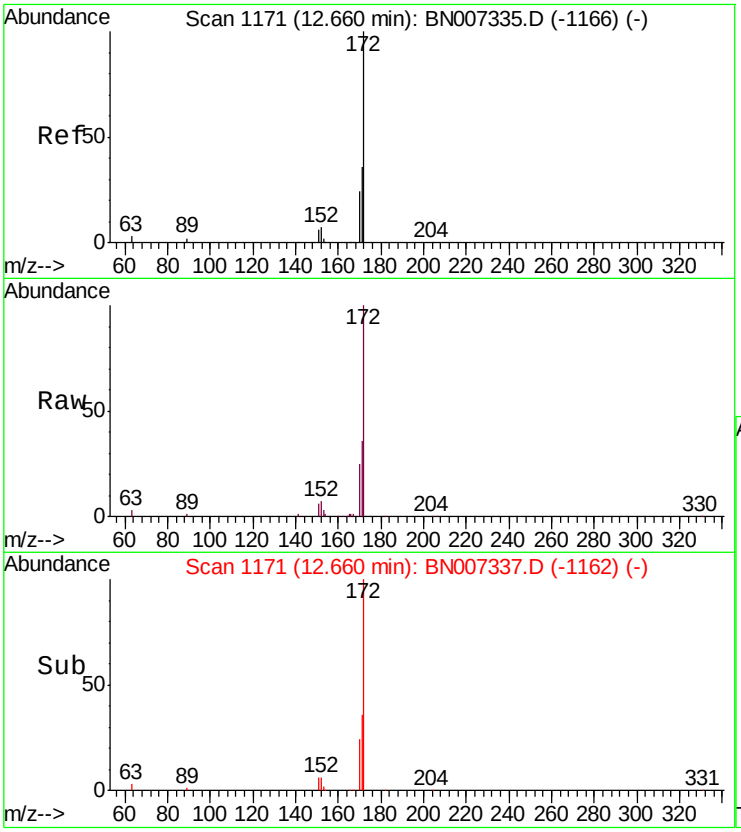


#14
2,4,6-Tribromophenol
Concen: 1.482 ng
RT: 15.55 min Scan# 1430
Delta R.T. -0.01 min
Lab File: BN007337.D
Acq: 23 Aug 2019 21:25

Tgt Ion:330 Resp: 7101

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	35.3	26.9	40.3



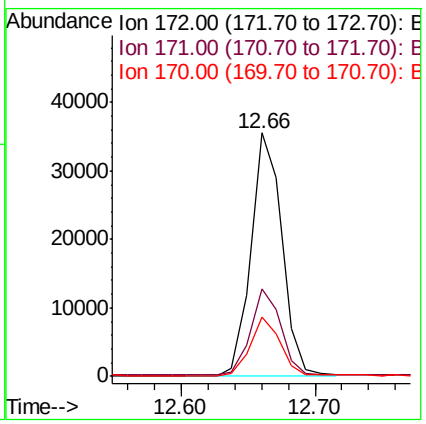


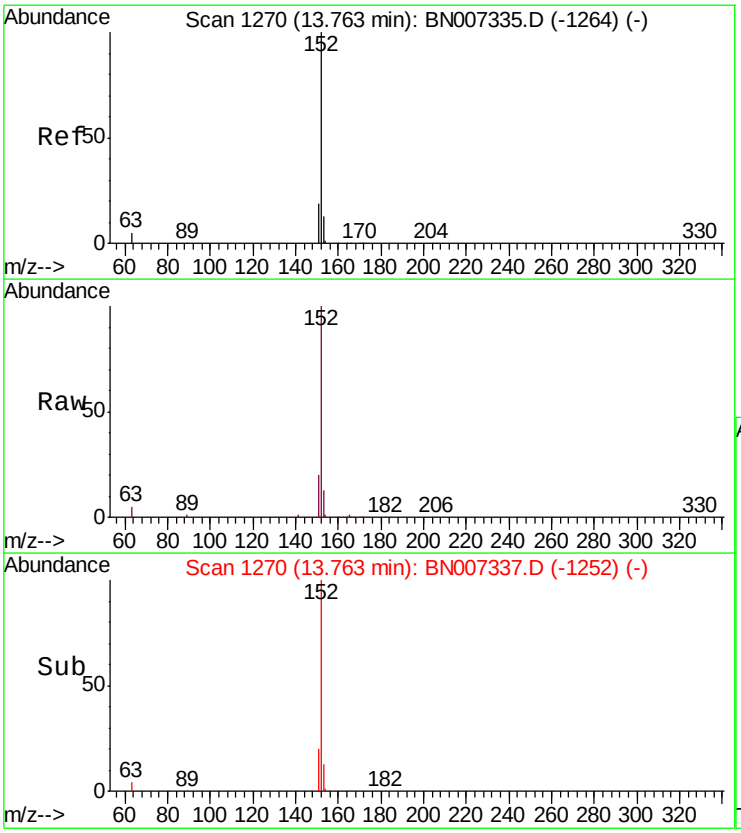
#15
2-Fluorobiphenyl
Concen: 1.572 ng
RT: 12.66 min Scan# 1171
Delta R.T. 0.00 min
Lab File: BN007337.D
Acq: 23 Aug 2019 21:25

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:172 Resp: 57053

Ion	Ratio	Lower	Upper
172	100		
171	36.0	30.3	45.5
170	24.6	20.7	31.1

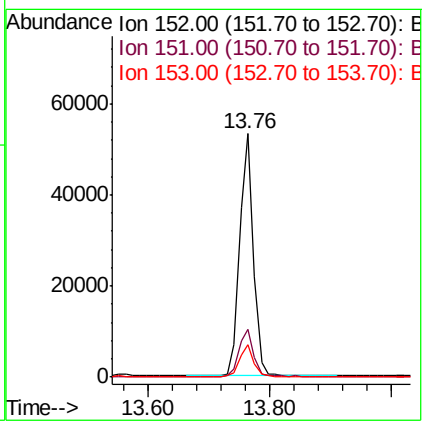


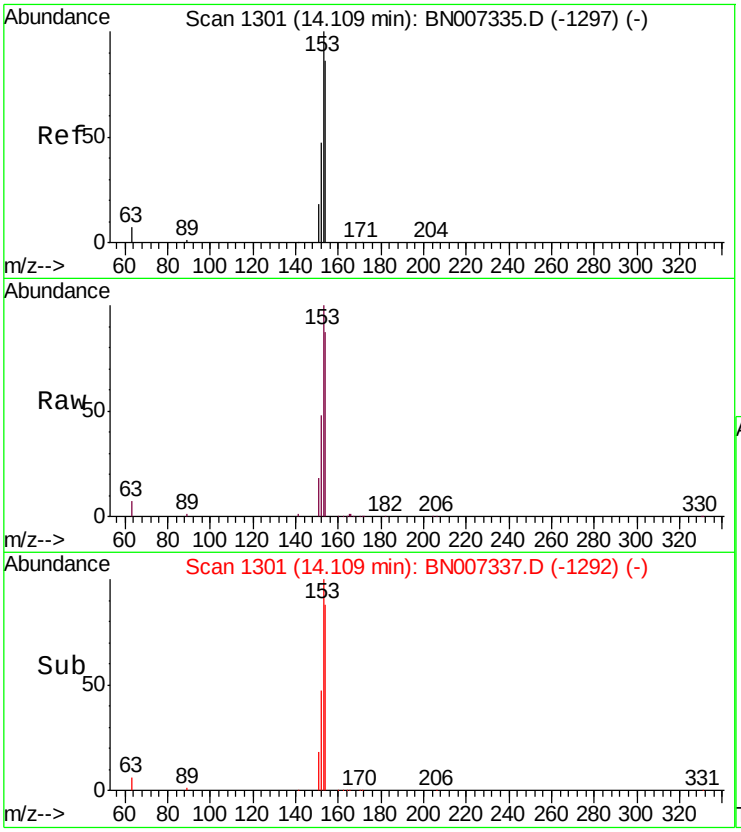


#16
Acenaphthylene
Concen: 1.788 ng
RT: 13.76 min Scan# 1270
Delta R.T. 0.00 min
Lab File: BN007337.D
Acq: 23 Aug 2019 21:25

Tgt Ion:152 Resp: 82830

Ion	Ratio	Lower	Upper
152	100		
151	19.8	16.1	24.1
153	12.9	10.6	15.8



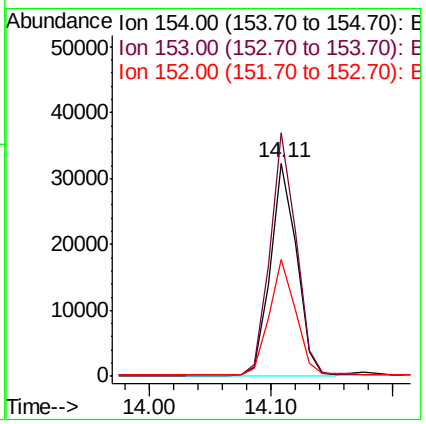


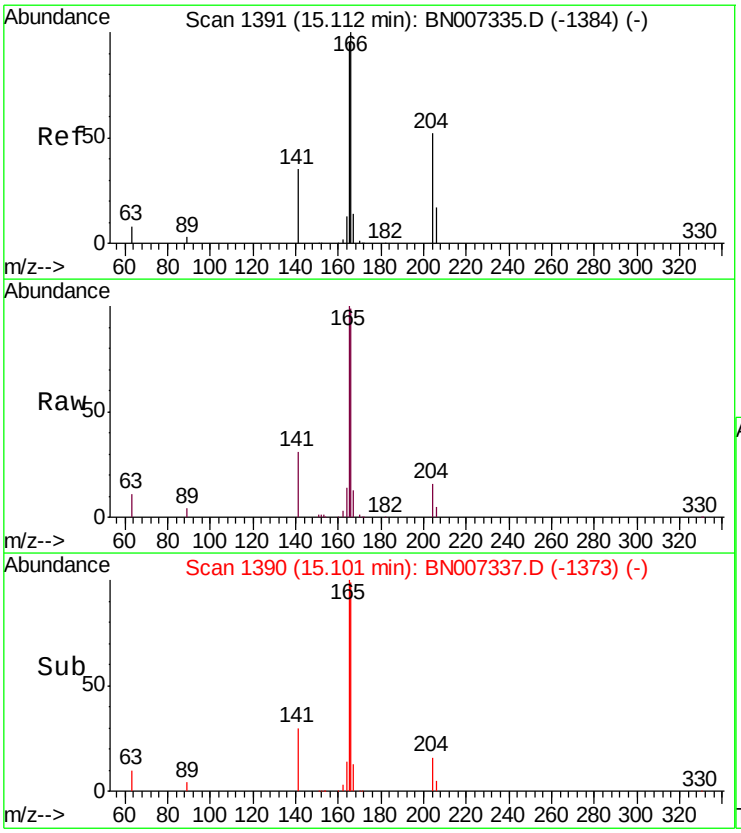
#17
Acenaphthene
Concen: 1.653 ng
RT: 14.11 min Scan# 1301
Delta R.T. 0.00 min
Lab File: BN007337.D
Acq: 23 Aug 2019 21:25

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:154 Resp: 47940

Ion	Ratio	Lower	Upper
154	100		
153	114.4	92.8	139.2
152	54.1	43.8	65.8

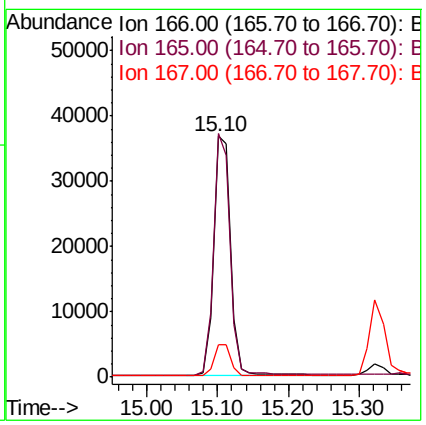


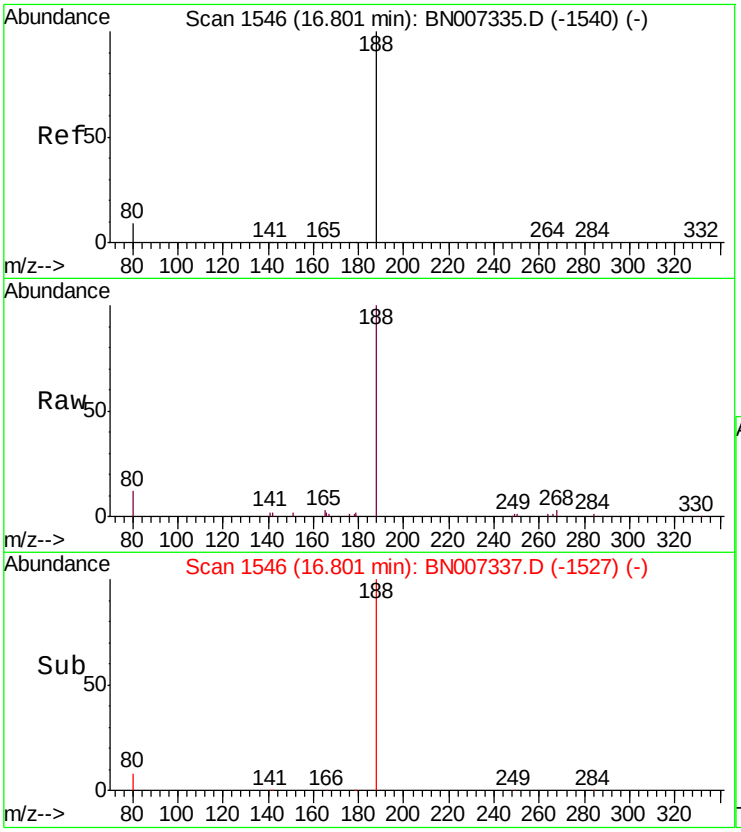


#18
Fluorene
Concen: 1.651 ng
RT: 15.10 min Scan# 1390
Delta R.T. -0.01 min
Lab File: BN007337.D
Acq: 23 Aug 2019 21:25

Tgt Ion:166 Resp: 62353

Ion	Ratio	Lower	Upper
166	100		
165	97.8	79.0	118.4
167	13.3	10.6	15.8



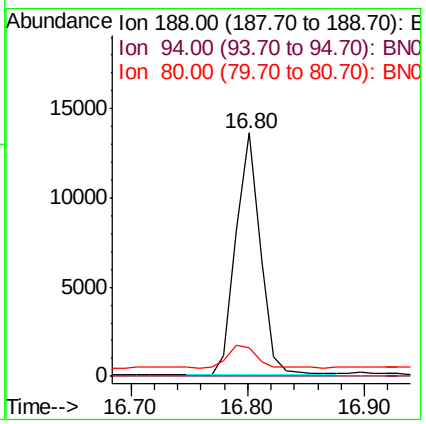


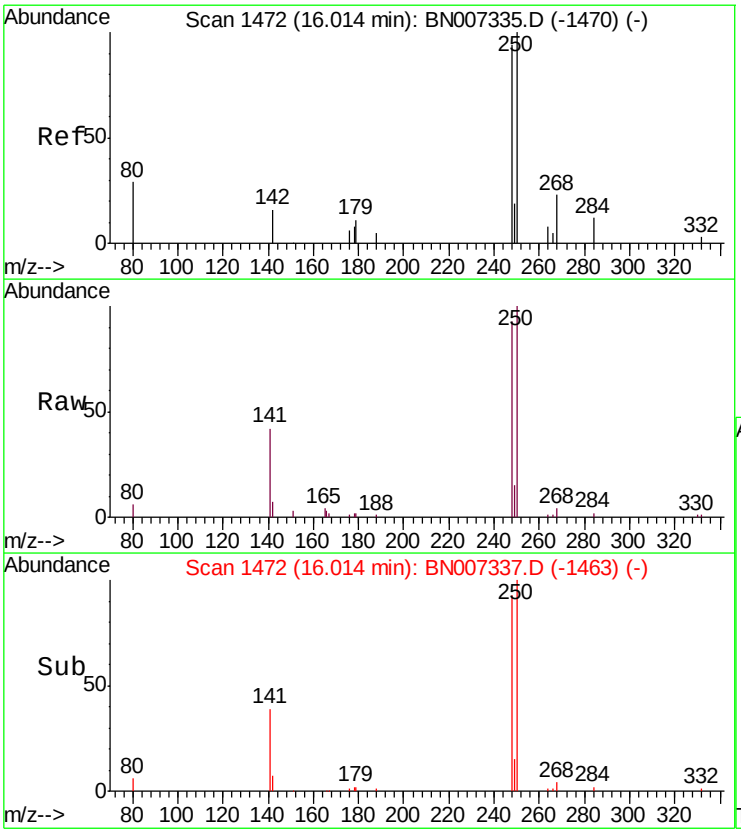
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.80 min Scan# 1546
Delta R.T. 0.00 min
Lab File: BN007337.D
Acq: 23 Aug 2019 21:25

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:188 Resp: 19675

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	11.9	11.8	17.8

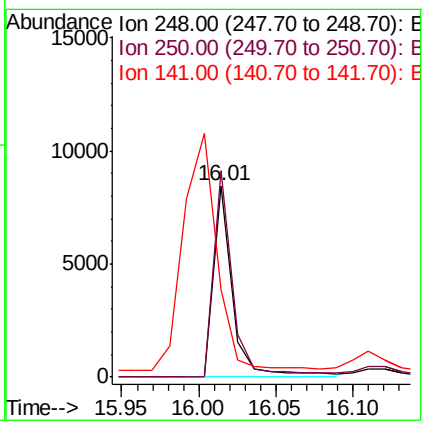


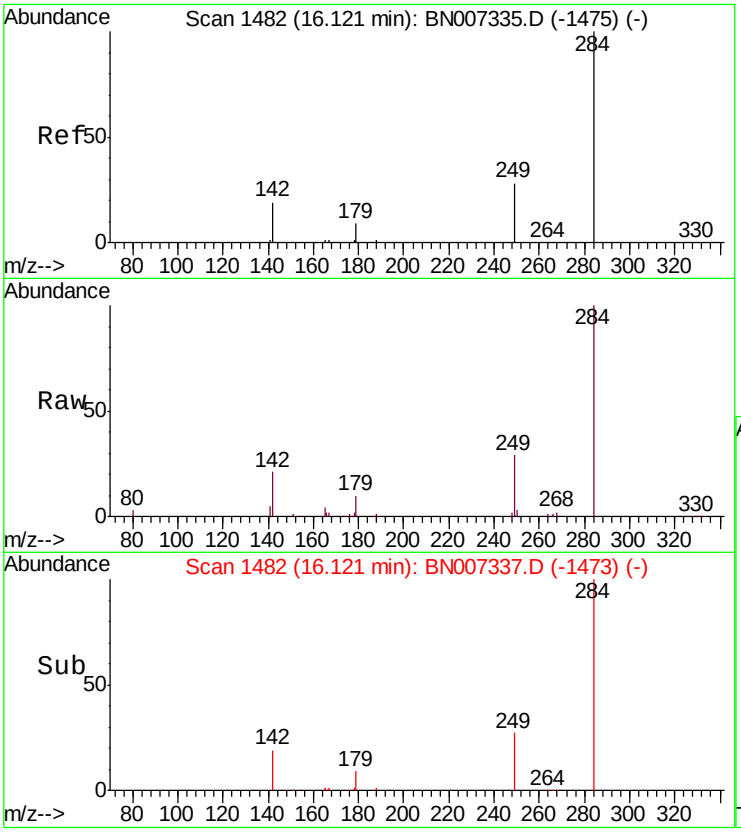


#20
4-Bromophenyl-phenylether
Concen: 0.670 ng
RT: 16.01 min Scan# 1472
Delta R.T. 0.00 min
Lab File: BN007337.D
Acq: 23 Aug 2019 21:25

Tgt Ion:248 Resp: 7288

Ion	Ratio	Lower	Upper
248	100		
250	107.6	85.0	127.6
141	45.6	51.7	77.5#



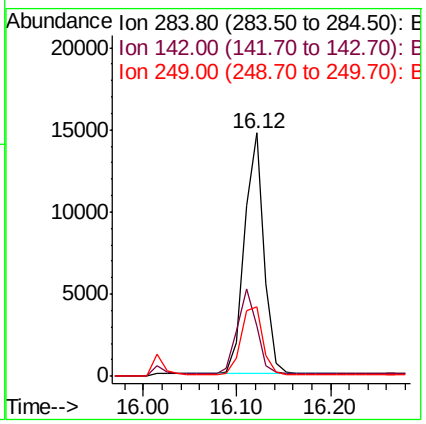


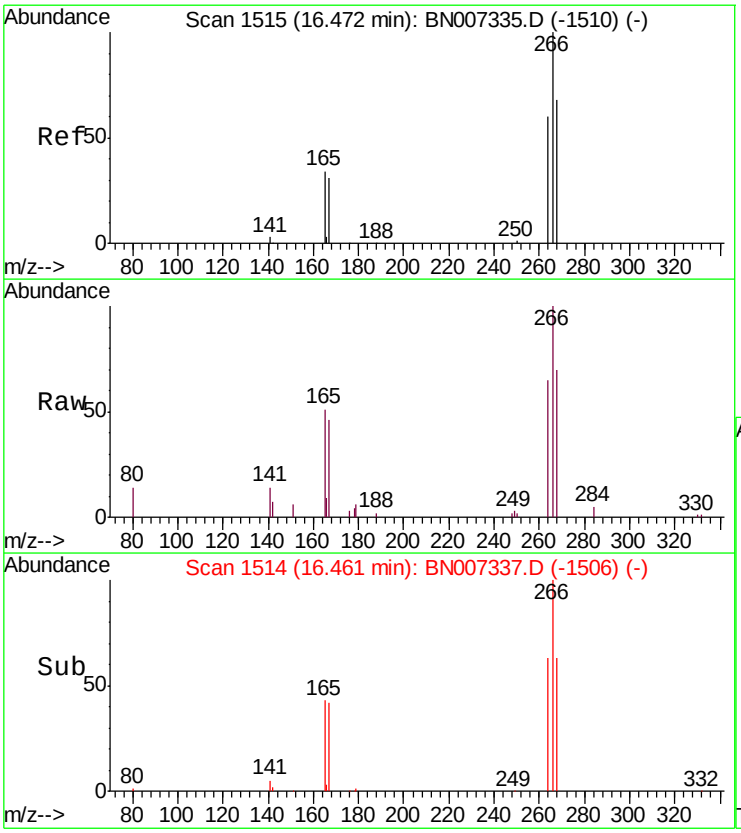
#21
Hexachlorobenzene
Concen: 1.623 ng
RT: 16.12 min Scan# 1482
Delta R.T. 0.00 min
Lab File: BN007337.D
Acq: 23 Aug 2019 21:25

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:284 Resp: 21110

Ion	Ratio	Lower	Upper
284	100		
142	34.4	29.0	43.6
249	31.8	24.9	37.3

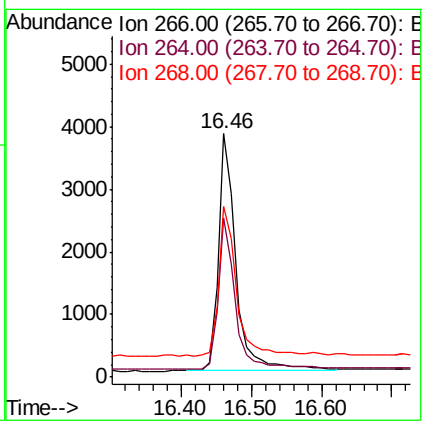


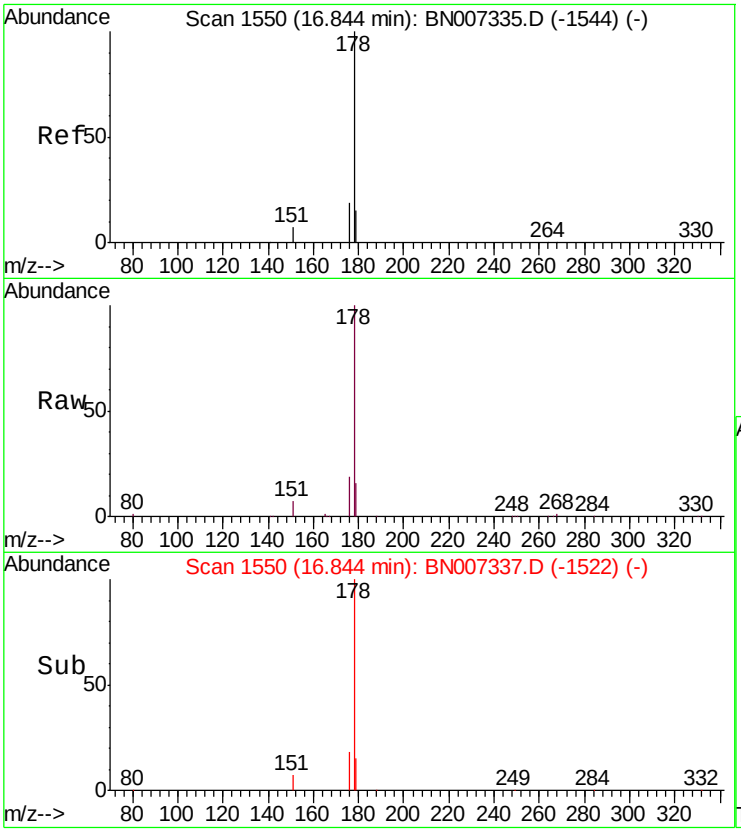


#22
Pentachlorophenol
Concen: 1.313 ng
RT: 16.46 min Scan# 1514
Delta R.T. -0.01 min
Lab File: BN007337.D
Acq: 23 Aug 2019 21:25

Tgt Ion:266 Resp: 6696

Ion	Ratio	Lower	Upper
266	100		
264	65.2	57.8	86.8
268	70.1	99.7	149.5#



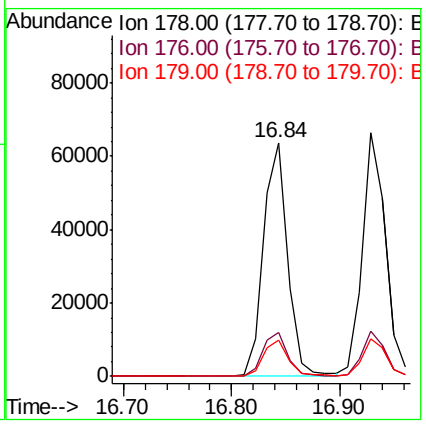


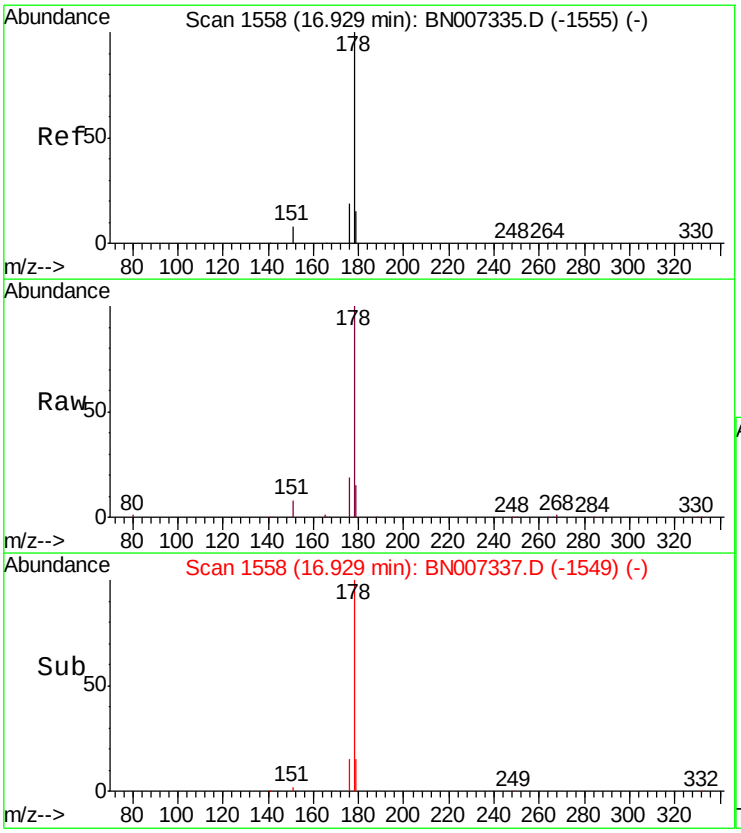
#23
Phenanthrene
Concen: 1.601 ng
RT: 16.84 min Scan# 1550
Delta R.T. 0.00 min
Lab File: BN007337.D
Acq: 23 Aug 2019 21:25

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:178 Resp: 97906

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.3	22.9
179	15.3	12.6	19.0

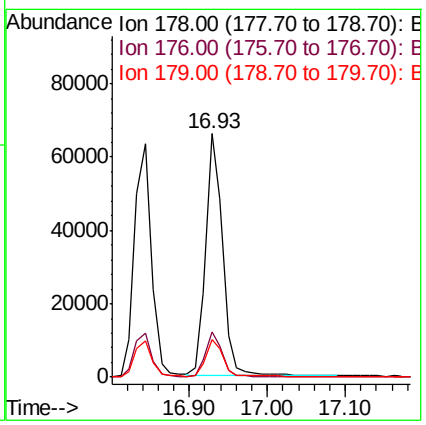


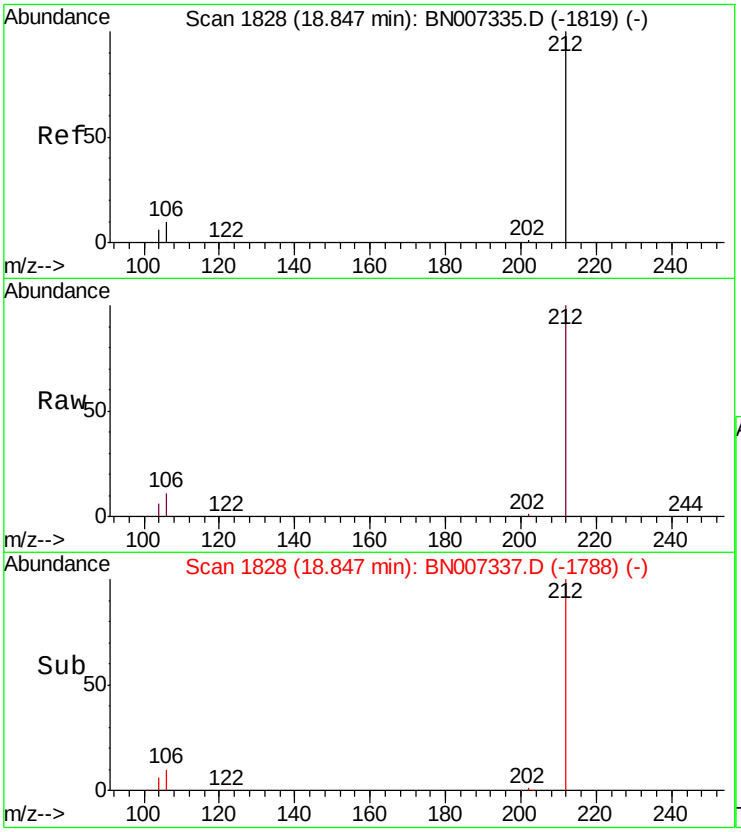


#24
Anthracene
Concen: 1.764 ng
RT: 16.93 min Scan# 1558
Delta R.T. 0.00 min
Lab File: BN007337.D
Acq: 23 Aug 2019 21:25

Tgt Ion:178 Resp: 99132

Ion	Ratio	Lower	Upper
178	100		
176	18.2	14.9	22.3
179	15.3	12.4	18.6



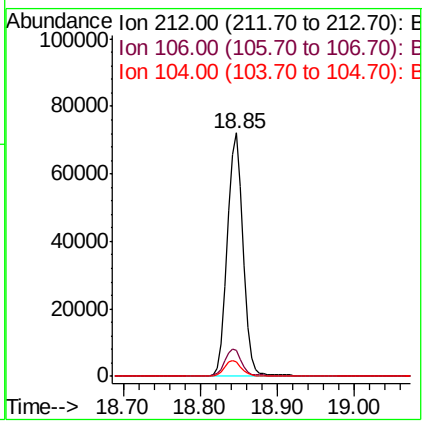


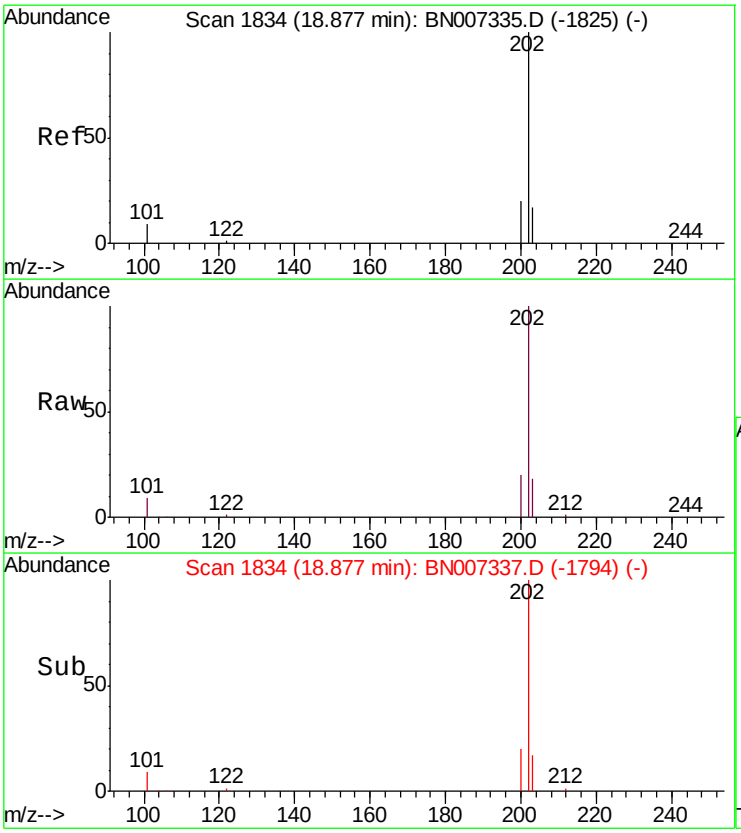
#25
Fluoranthene-d10
Concen: 1.618 ng
RT: 18.85 min Scan# 1828
Delta R.T. 0.00 min
Lab File: BN007337.D
Acq: 23 Aug 2019 21:25

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:212 Resp: 101615

Ion	Ratio	Lower	Upper
212	100		
106	11.2	9.0	13.4
104	6.5	5.4	8.2

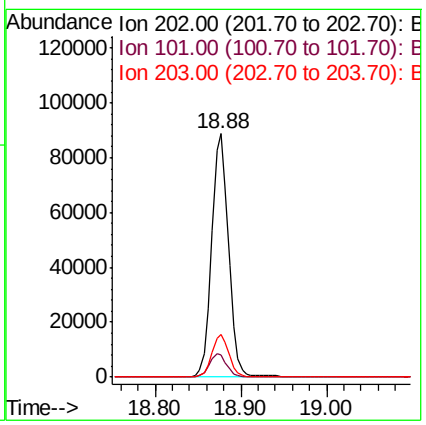


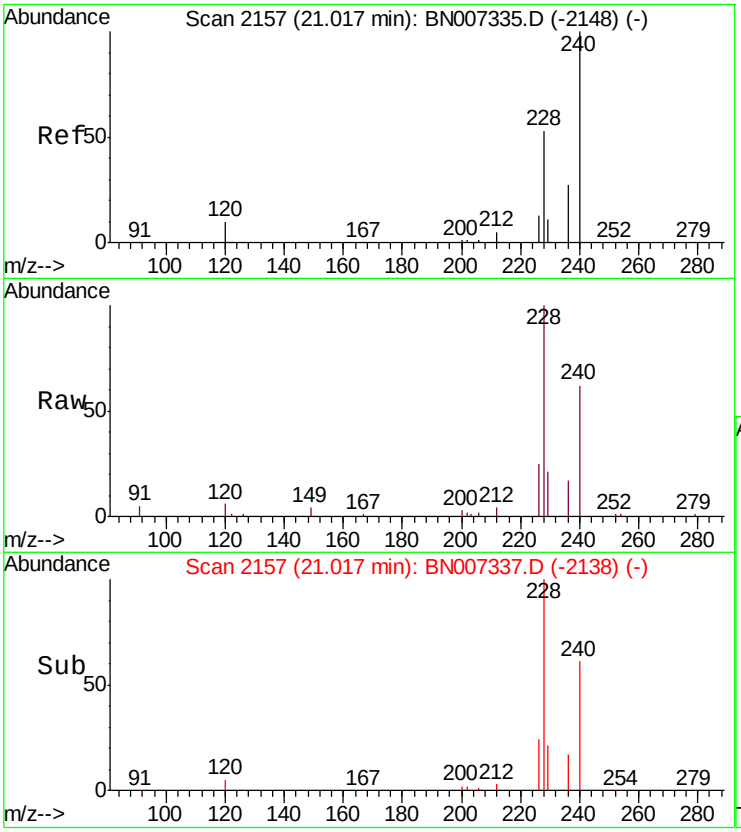


#26
Fluoranthene
Concen: 1.589 ng
RT: 18.88 min Scan# 1834
Delta R.T. 0.00 min
Lab File: BN007337.D
Acq: 23 Aug 2019 21:25

Tgt Ion:202 Resp: 119335

Ion	Ratio	Lower	Upper
202	100		
101	9.8	7.7	11.5
203	17.2	13.7	20.5



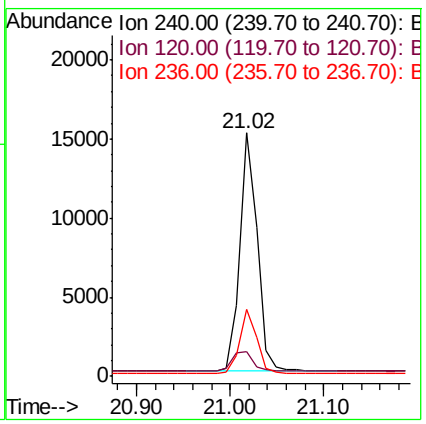


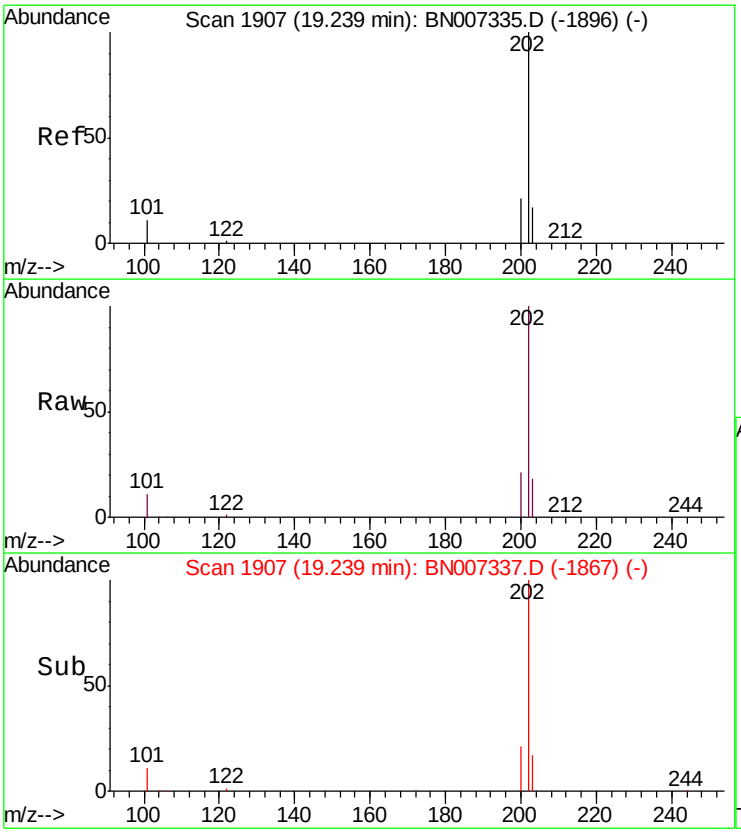
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.02 min Scan# 2157
Delta R.T. 0.00 min
Lab File: BN007337.D
Acq: 23 Aug 2019 21:25

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:240 Resp: 19393

Ion	Ratio	Lower	Upper
240	100		
120	10.2	9.6	14.4
236	27.6	22.2	33.2

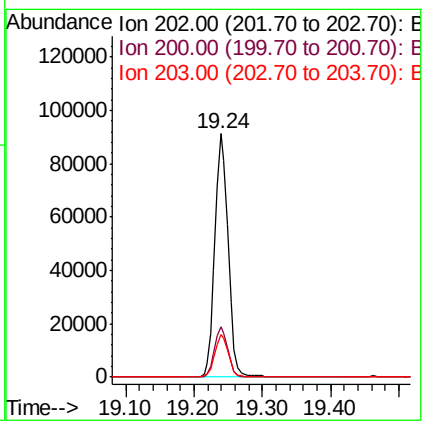


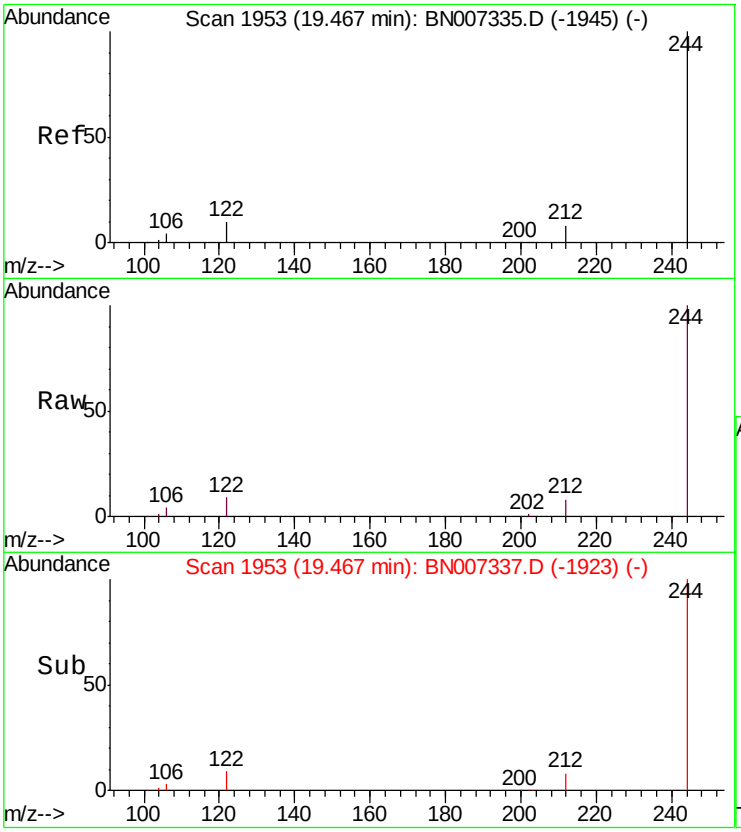


#28
Pyrene
Concen: 1.670 ng
RT: 19.24 min Scan# 1907
Delta R.T. 0.00 min
Lab File: BN007337.D
Acq: 23 Aug 2019 21:25

Tgt Ion:202 Resp: 122364

Ion	Ratio	Lower	Upper
202	100		
200	20.6	16.6	25.0
203	17.6	14.2	21.4



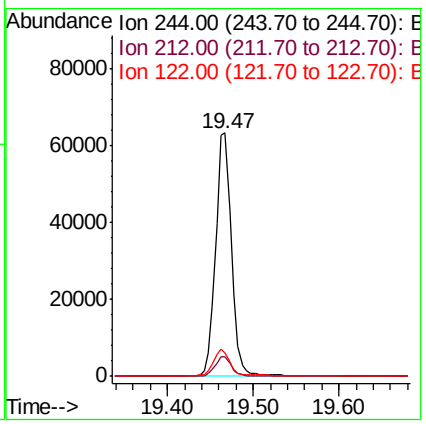


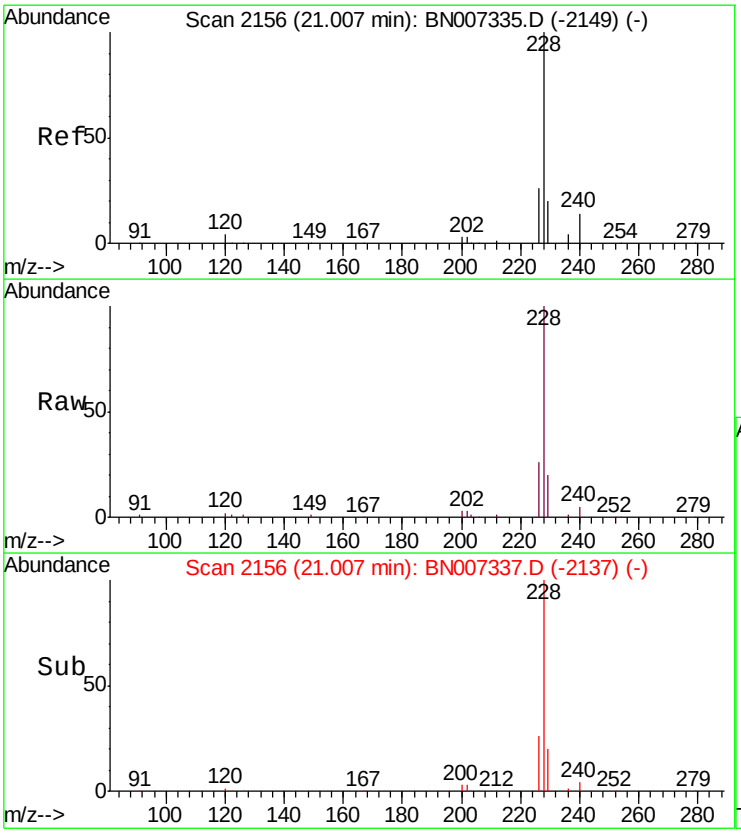
#29
Terphenyl-d14
Concen: 1.656 ng
RT: 19.47 min Scan# 1953
Delta R.T. 0.00 min
Lab File: BN007337.D
Acq: 23 Aug 2019 21:25

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:244 Resp: 80988

Ion	Ratio	Lower	Upper
244	100		
212	7.9	7.0	10.6
122	9.4	9.6	14.4#

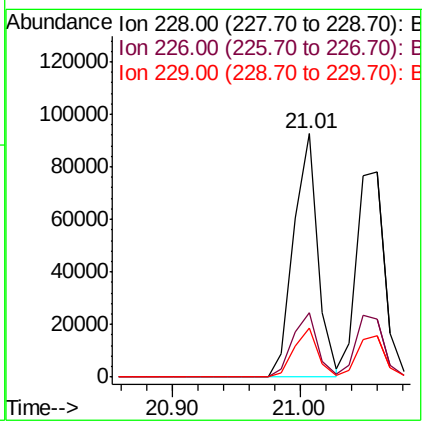


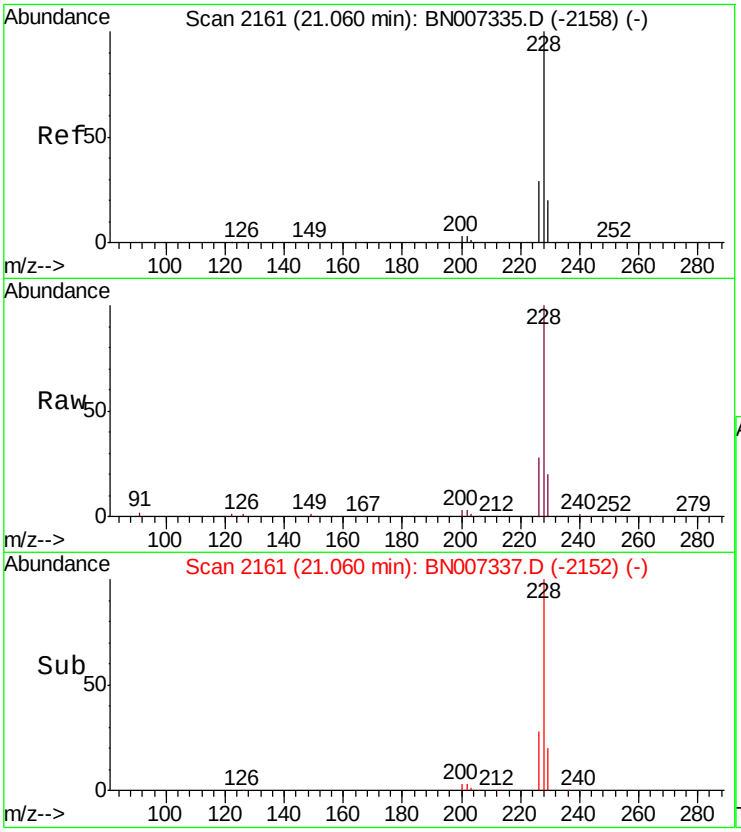


#30
Benzo(a)anthracene
Concen: 1.661 ng
RT: 21.01 min Scan# 2156
Delta R.T. 0.00 min
Lab File: BN007337.D
Acq: 23 Aug 2019 21:25

Tgt Ion:228 Resp: 121091

Ion	Ratio	Lower	Upper
228	100		
226	26.3	21.3	31.9
229	19.9	16.1	24.1



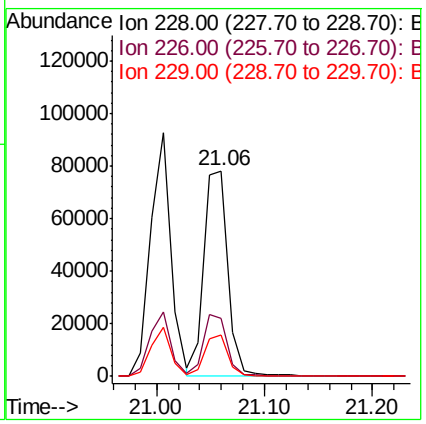


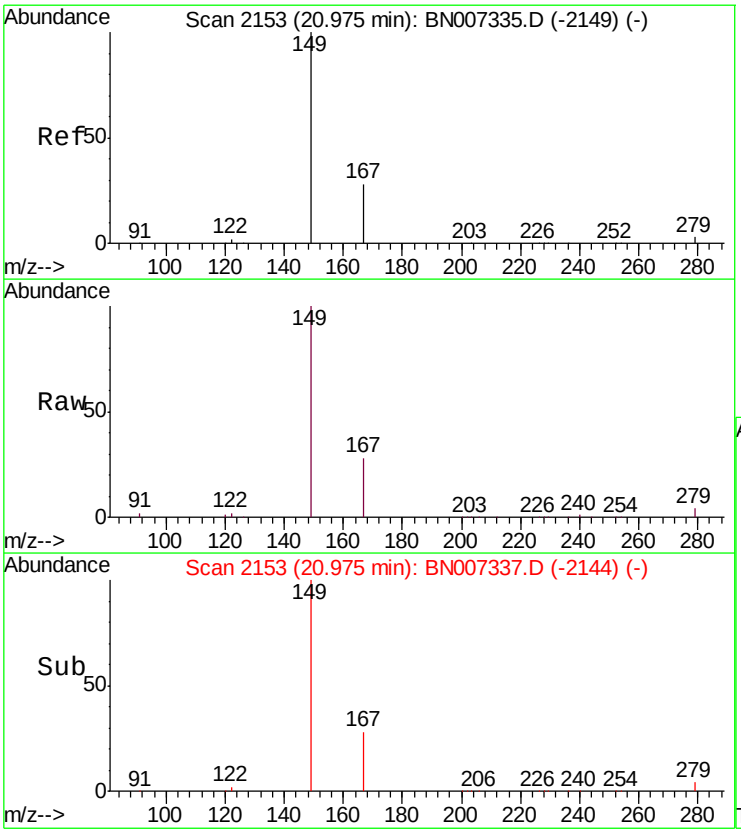
#31
Chrysene
Concen: 1.618 ng
RT: 21.06 min Scan# 2161
Delta R.T. 0.00 min
Lab File: BN007337.D
Acq: 23 Aug 2019 21:25

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:228 Resp: 119403

Ion	Ratio	Lower	Upper
228	100		
226	28.4	23.5	35.3
229	20.2	16.6	24.8

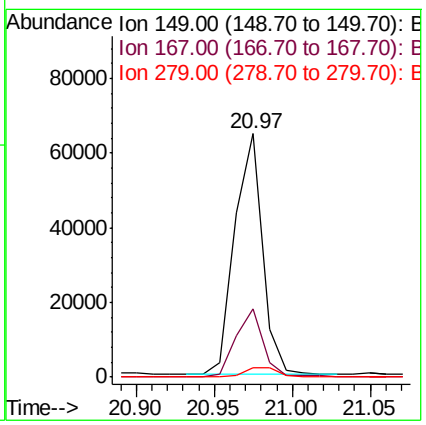


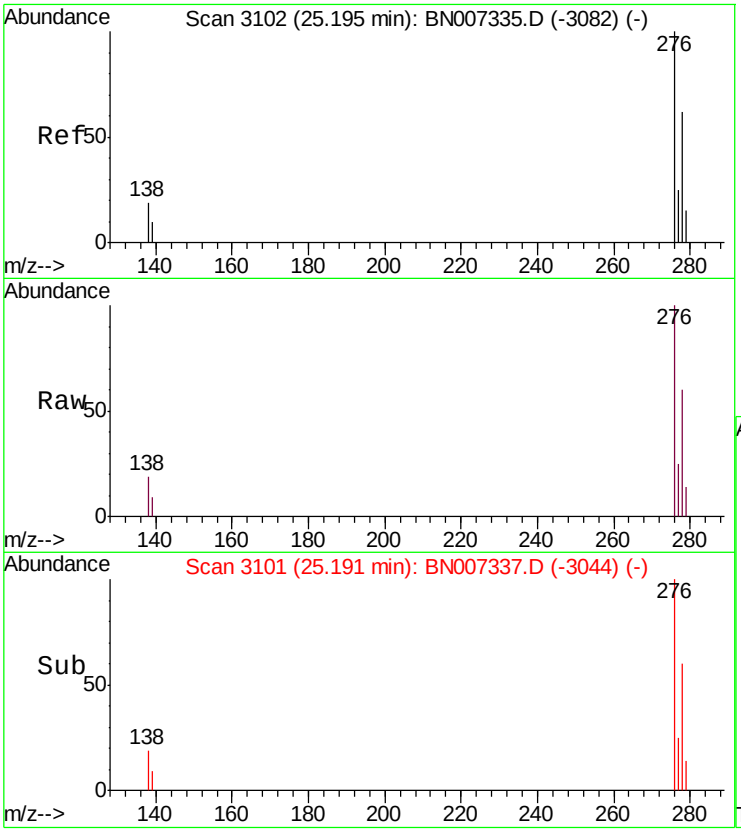


#32
Bis(2-ethylhexyl)phthalate
Concen: 2.400 ng
RT: 20.97 min Scan# 2153
Delta R.T. 0.00 min
Lab File: BN007337.D
Acq: 23 Aug 2019 21:25

Tgt Ion:149 Resp: 78940

Ion	Ratio	Lower	Upper
149	100		
167	27.5	22.8	34.2
279	4.4	3.5	5.3



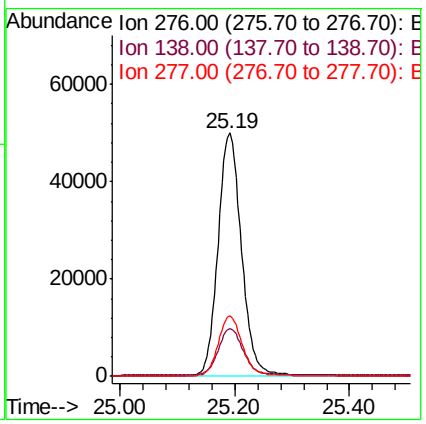


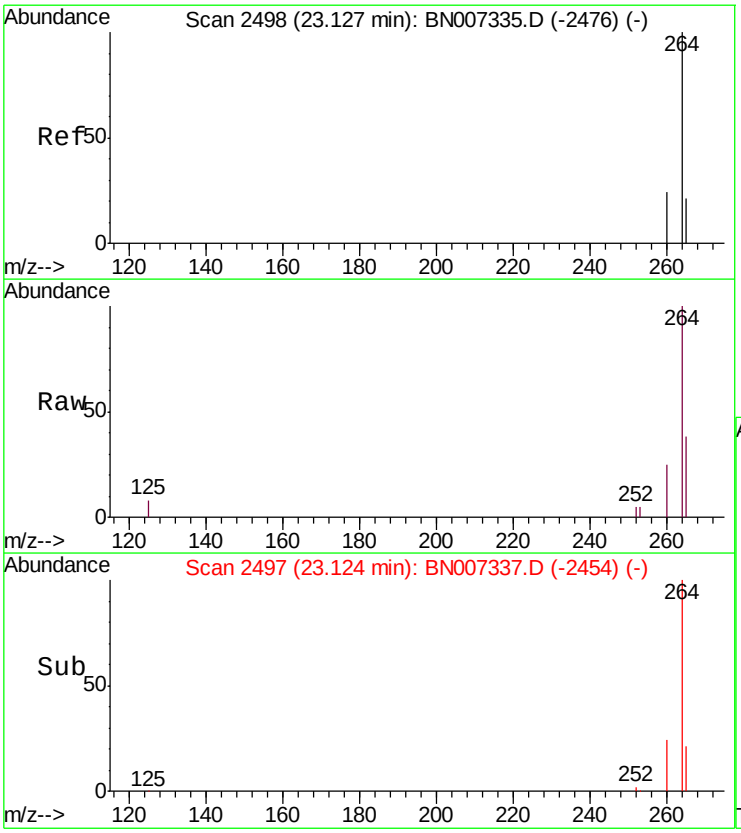
#33
Indeno(1,2,3-cd)pyrene
Concen: 1.596 ng
RT: 25.19 min Scan# 3101
Delta R.T. -0.00 min
Lab File: BN007337.D
Acq: 23 Aug 2019 21:25

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:276 Resp: 141386

Ion	Ratio	Lower	Upper
276	100		
138	19.7	15.1	22.7
277	24.8	19.7	29.5

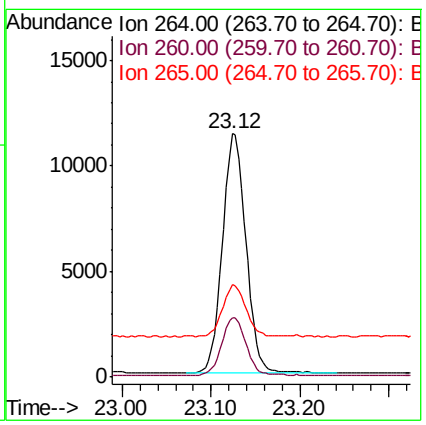


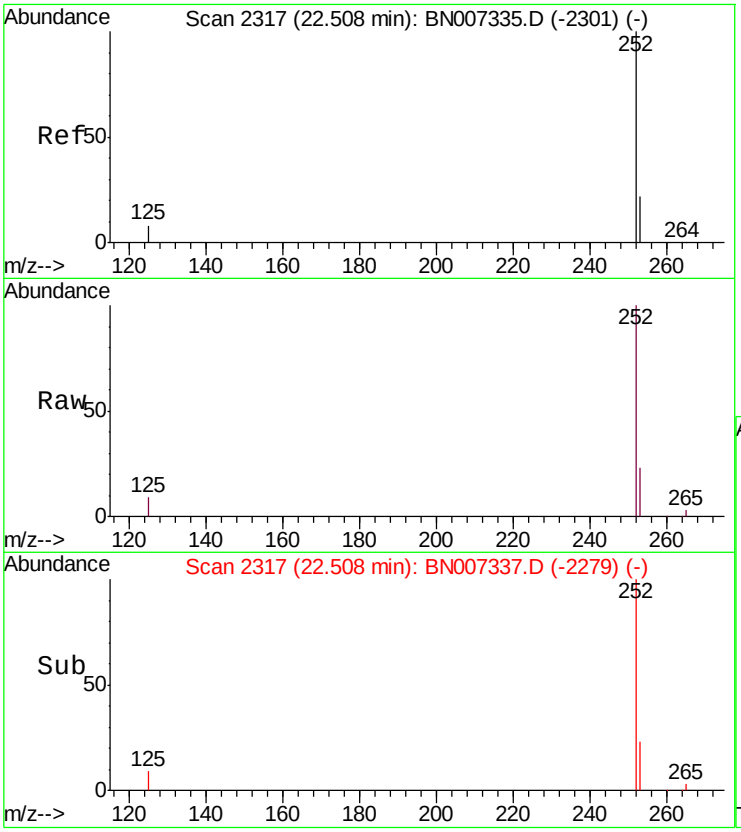


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.12 min Scan# 2497
Delta R.T. -0.00 min
Lab File: BN007337.D
Acq: 23 Aug 2019 21:25

Tgt Ion:264 Resp: 20826

Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.7	29.5
265	38.0	29.9	44.9



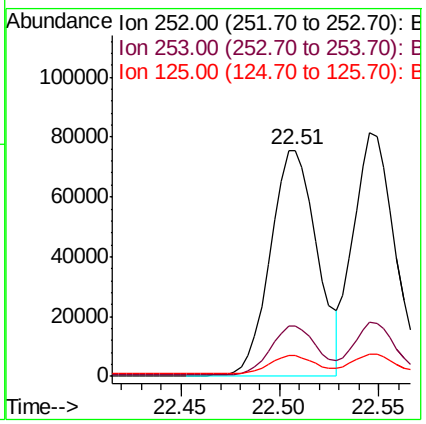


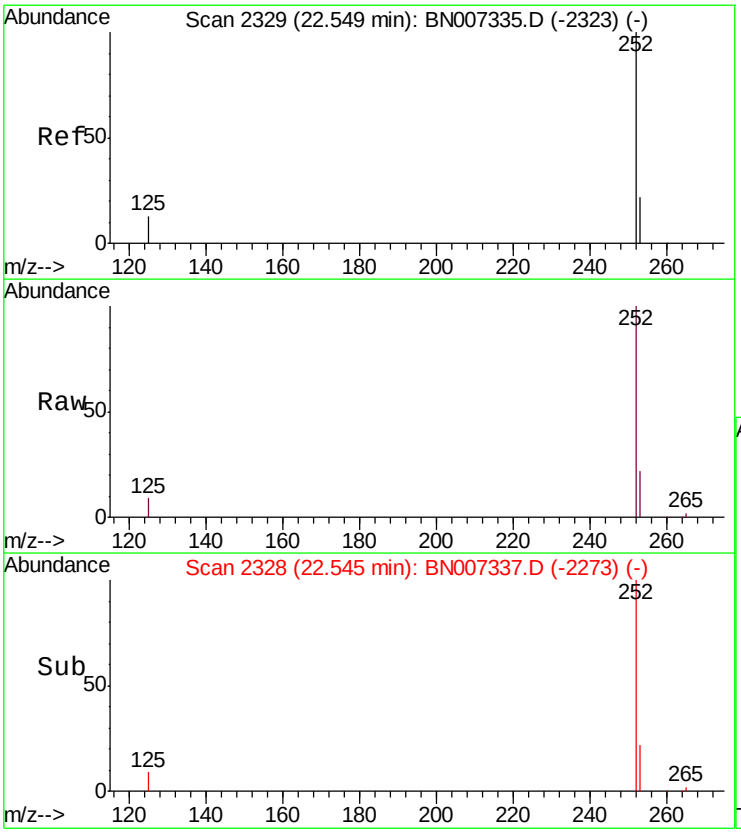
#35
Benzo(b)fluoranthene
Concen: 1.592 ng
RT: 22.51 min Scan# 2317
Delta R.T. 0.00 min
Lab File: BN007337.D
Acq: 23 Aug 2019 21:25

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:252 Resp: 123305

Ion	Ratio	Lower	Upper
252	100		
253	22.5	19.2	28.8
125	9.0	10.6	16.0#

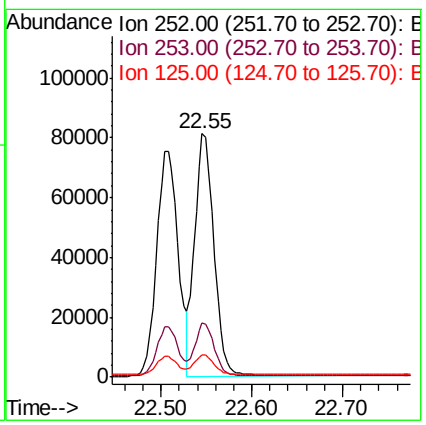


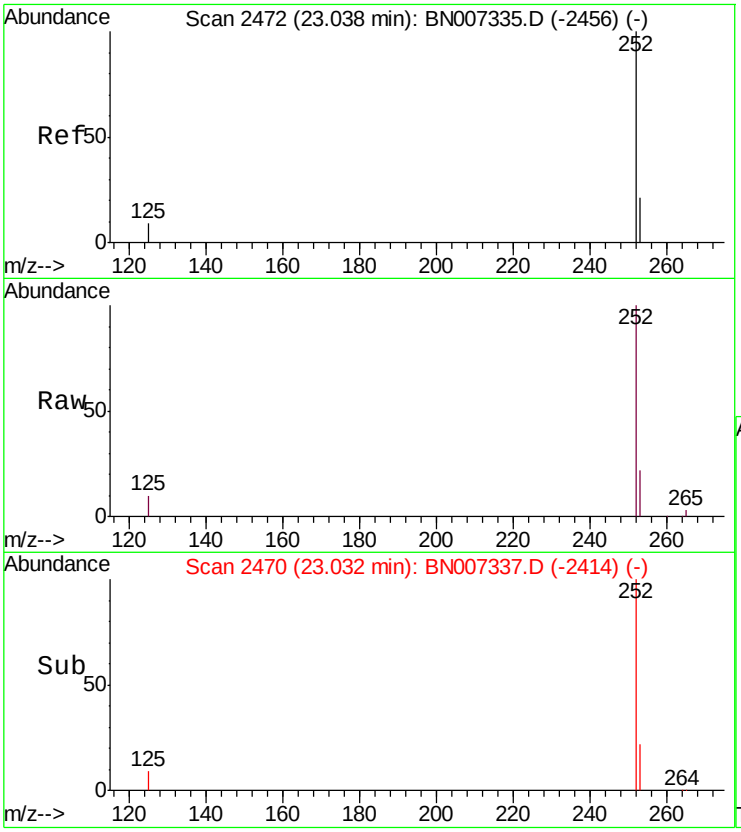


#36
Benzo(k)fluoranthene
Concen: 1.574 ng
RT: 22.55 min Scan# 2328
Delta R.T. -0.00 min
Lab File: BN007337.D
Acq: 23 Aug 2019 21:25

Tgt Ion:252 Resp: 119380

Ion	Ratio	Lower	Upper
252	100		
253	22.1	19.4	29.2
125	9.4	13.1	19.7#



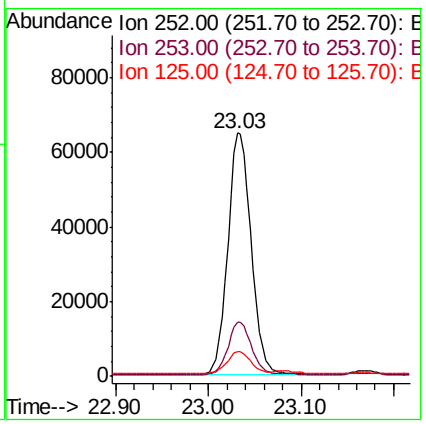


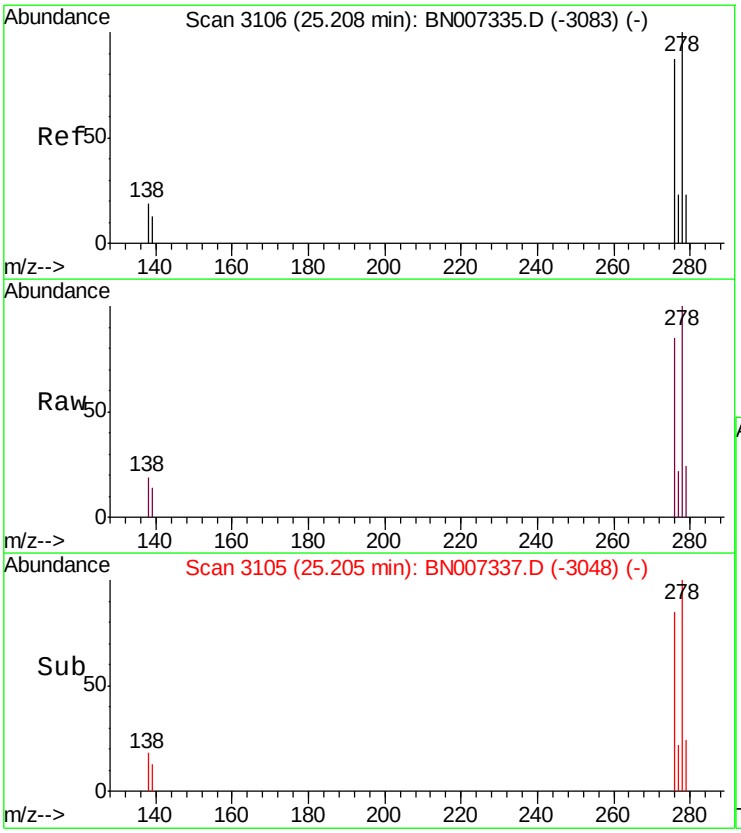
#37
Benzo(a)pyrene
Concen: 1.627 ng
RT: 23.03 min Scan# 2470
Delta R.T. -0.01 min
Lab File: BN007337.D
Acq: 23 Aug 2019 21:25

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:252 Resp: 114714

Ion	Ratio	Lower	Upper
252	100		
253	22.5	19.5	29.3
125	10.2	12.1	18.1#

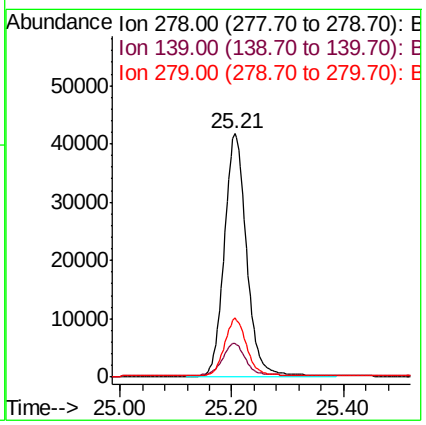


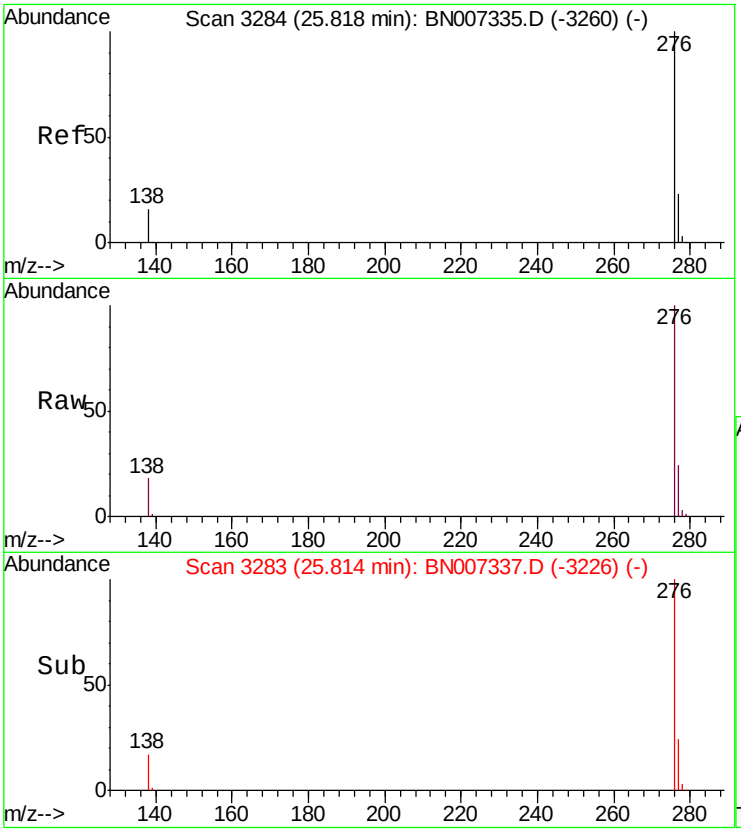


#38
Dibenzo(a,h)anthracene
Concen: 1.573 ng
RT: 25.21 min Scan# 3105
Delta R.T. -0.00 min
Lab File: BN007337.D
Acq: 23 Aug 2019 21:25

Tgt Ion:278 Resp: 115225

Ion	Ratio	Lower	Upper
278	100		
139	13.7	13.7	20.5#
279	24.1	20.2	30.4





#39
Benzo(g,h,i)perylene
Concen: 1.553 ng
RT: 25.81 min Scan# 3283
Delta R.T. -0.00 min
Lab File: BN007337.D
Acq: 23 Aug 2019 21:25

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:276 Resp: 114778

Ion	Ratio	Lower	Upper
276	100		
277	24.1	19.6	29.4
138	17.5	16.3	24.5