Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN082019\
Data File : BN007270.D
Acq On : 20 Aug 2019 18:26
Operator : HP/JU
Sample : SSTDICC0.1
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDICC0.1

Quant Time: Aug 20 18:58:52 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN082019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 20 17:50:18 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.41	152	4729	0.40	ng		0.00
7) Naphthalene-d8	10.16	136	16989	0.40	ng		0.00
13) Acenaphthene-d10	14.06	164	9317	0.40	ng		0.00
19) Phenanthrene-d10	16.80	188	22040	0.40	ng		0.00
27) Chrysene-d12	21.03	240	21250	0.40	ng		0.00
34) Perylene-d12	23.14	264	23493	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.04	112	1776	0.17	ng		0.00
5) Phenol-d6	6.60	99	2596	0.18	ng		0.00
8) Nitrobenzene-d5	8.54	82	1291	0.11	ng		0.00
11) 2-Methylnaphthalene-d10	11.77	152	2989	0.12	ng		0.00
14) 2,4,6-Tribromophenol	15.56	330	573	0.13	ng		0.00
15) 2-Fluorobiphenyl	12.68	172	4010	0.12	ng		0.00
25) Fluoranthene-d10	18.85	212	6686	0.10	ng		0.00
29) Terphenyl-d14	19.47	244	5628	0.12	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.01	88	819	0.105	ng		89
3) n-Nitrosodimethylamine	3.34	42	445	0.074	ng	#	1
6) bis(2-Chloroethyl)ether	6.85	93	1385	0.086	ng		96
9) Naphthalene	10.21	128	4819	0.106	ng		95
10) Hexachlorobutadiene	10.52	225	1078	0.109	ng	#	97
12) 2-Methylnaphthalene	11.85	142	3282	0.113	ng		98
16) Acenaphthylene	13.77	152	4746	0.108	ng		99
17) Acenaphthene	14.11	154	3089	0.105	ng		99
18) Fluorene	15.12	166	4044	0.111	ng		98
20) 4-Bromophenyl-phenylether	16.02	248	1544	0.124	ng		96
21) Hexachlorobenzene	16.12	284	1465	0.090	ng		96
22) Pentachlorophenol	16.46	266	470	0.220	ng		93
23) Phenanthrene	16.85	178	6743	0.110	ng		100
24) Anthracene	16.94	178	5766	0.109	ng		99
26) Fluoranthene	18.88	202	8017	0.105	ng		99
28) Pyrene	19.25	202	8295	0.112	ng		99
30) Benzo(a)anthracene	21.02	228	7604	0.116	ng		97
31) Chrysene	21.06	228	8271	0.113	ng		98
32) Bis(2-ethylhexyl)phthalate	20.98	149	3086	0.101	ng		98
33) Indeno(1,2,3-cd)pyrene	25.21	276	10060	0.112	ng		100
35) Benzo(b)fluoranthene	22.52	252	8229	0.111	ng	#	88
36) Benzo(k)fluoranthene	22.56	252	8432	0.102	ng	#	88
37) Benzo(a)pyrene	23.05	252	7479	0.104	ng	#	85
38) Dibenzo(a,h)anthracene	25.22	278	8100	0.112	ng	#	91
39) Benzo(g,h,i)perylene	25.84	276	8315	0.110	ng		95

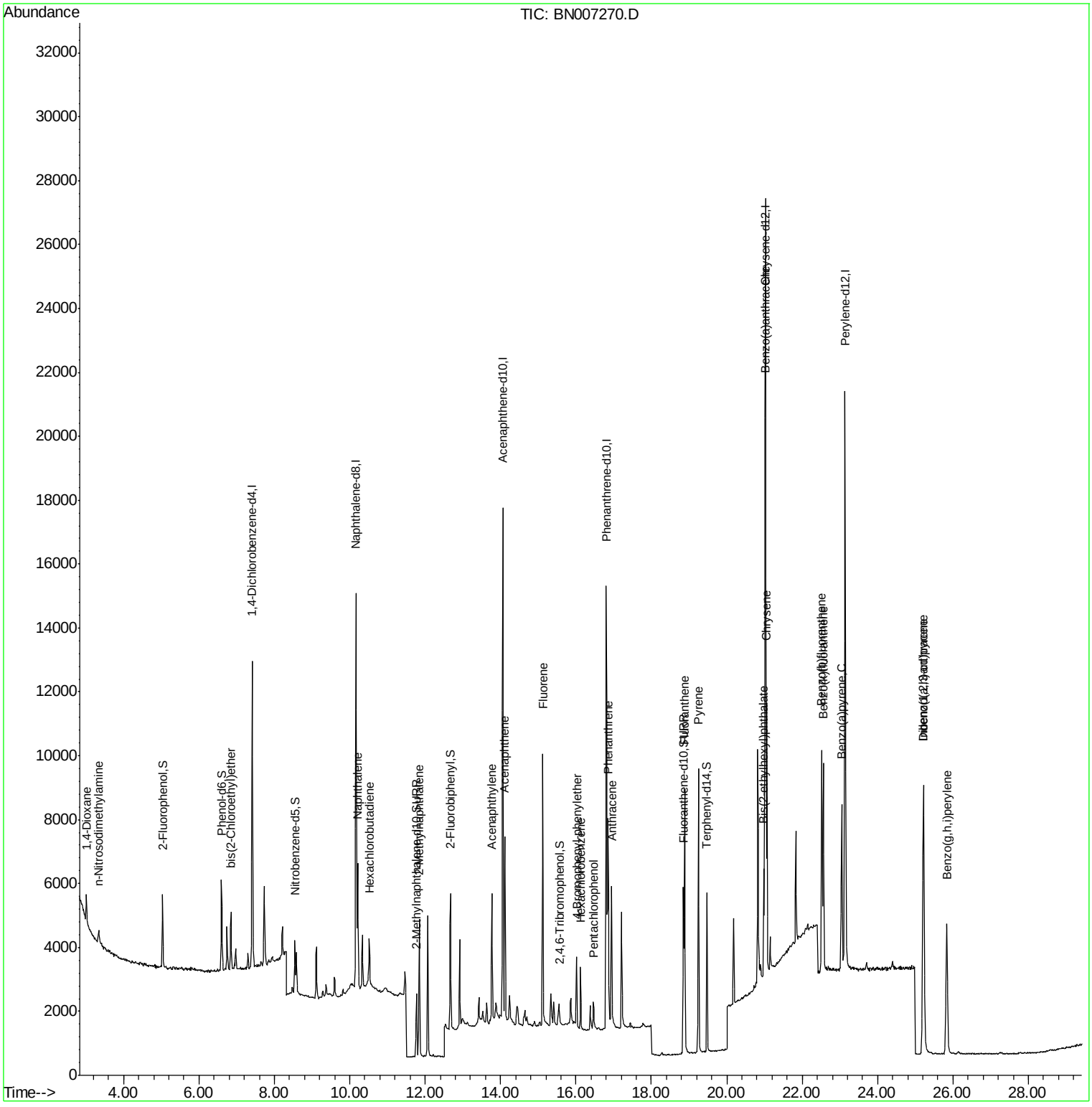
(#) = qualifier out of range (m) = manual integration (+) = signals summed

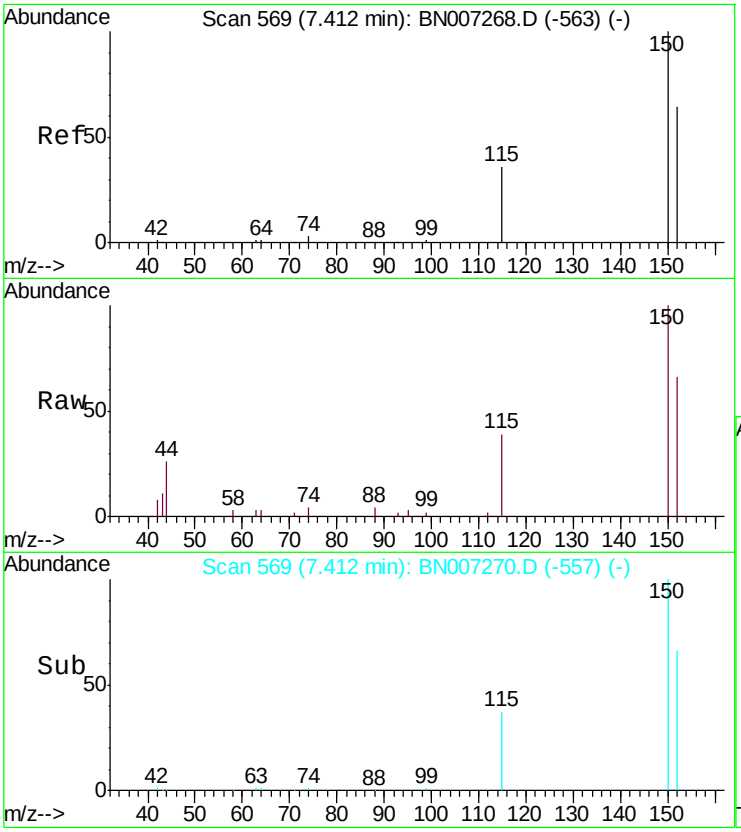
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN082019\
Data File : BN007270.D
Acq On : 20 Aug 2019 18:26
Operator : HP/JU
Sample : SSTDICC0.1
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Quant Time: Aug 20 18:58:52 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN082019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 20 17:50:18 2019
Response via : Initial Calibration



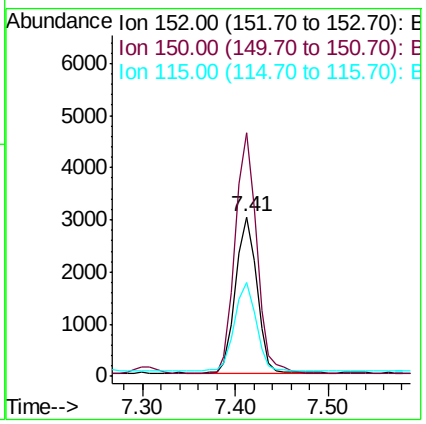


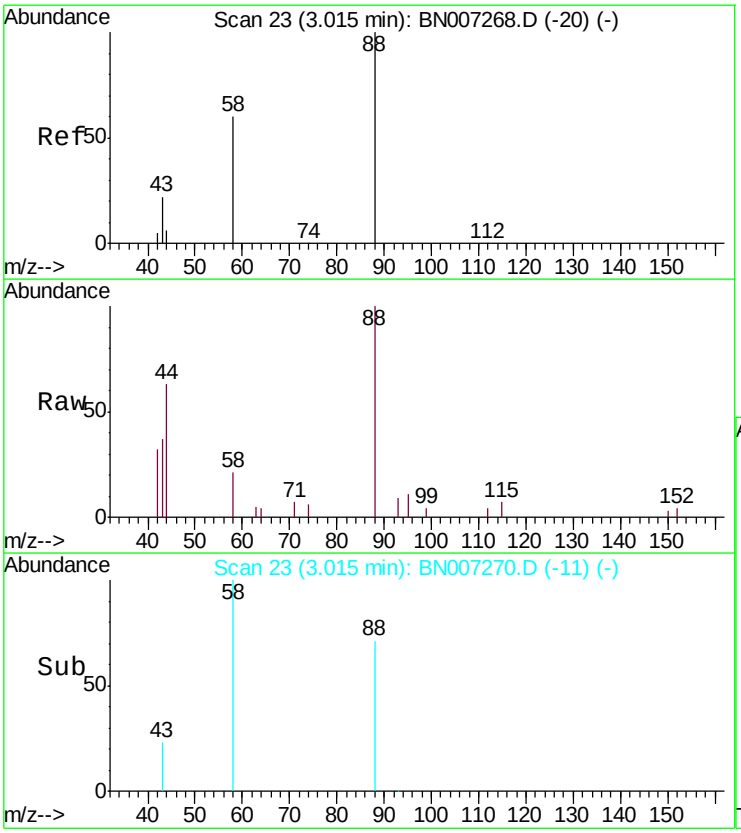
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.41 min Scan# 569
Delta R.T. -0.00 min
Lab File: BN007270.D
Acq: 20 Aug 2019 18:26

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:152 Resp: 4729

Ion	Ratio	Lower	Upper
152	100		
150	152.4	123.8	185.8
115	58.9	47.3	70.9

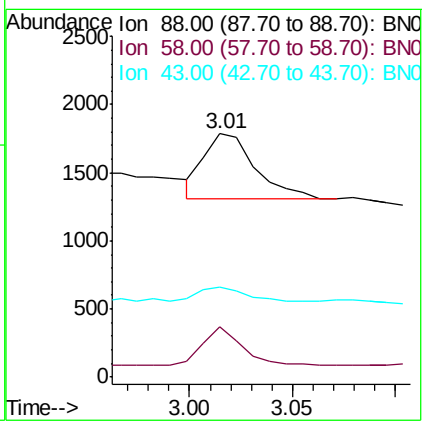


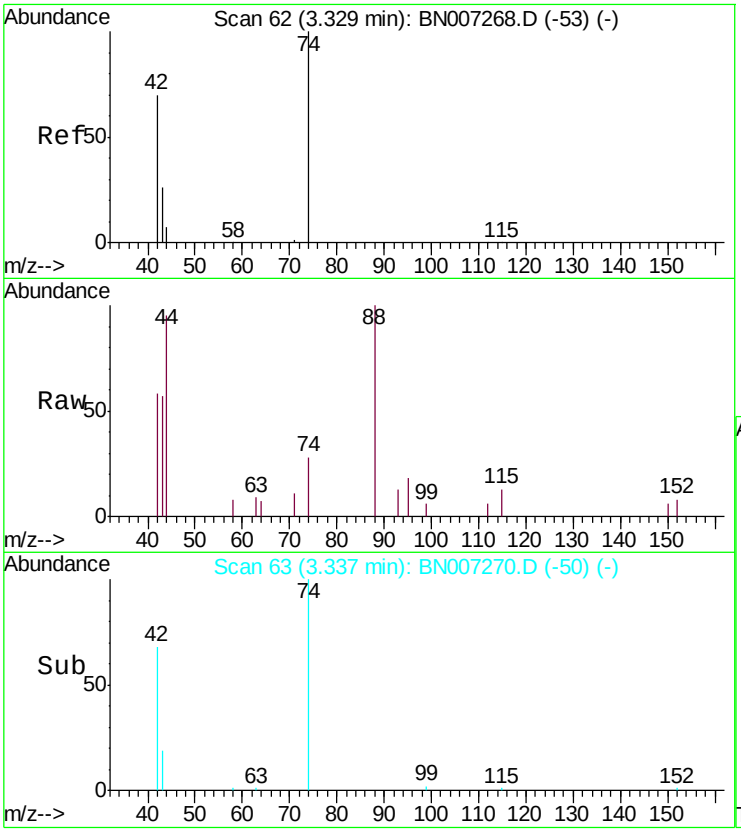


#2
1,4-Dioxane
Concen: 0.105 ng
RT: 3.01 min Scan# 23
Delta R.T. -0.00 min
Lab File: BN007270.D
Acq: 20 Aug 2019 18:26

Tgt Ion: 88 Resp: 819

Ion	Ratio	Lower	Upper
88	100		
58	47.9	45.5	68.3
43	21.4	20.4	30.6



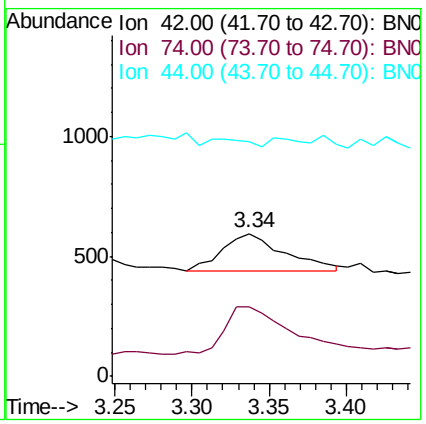


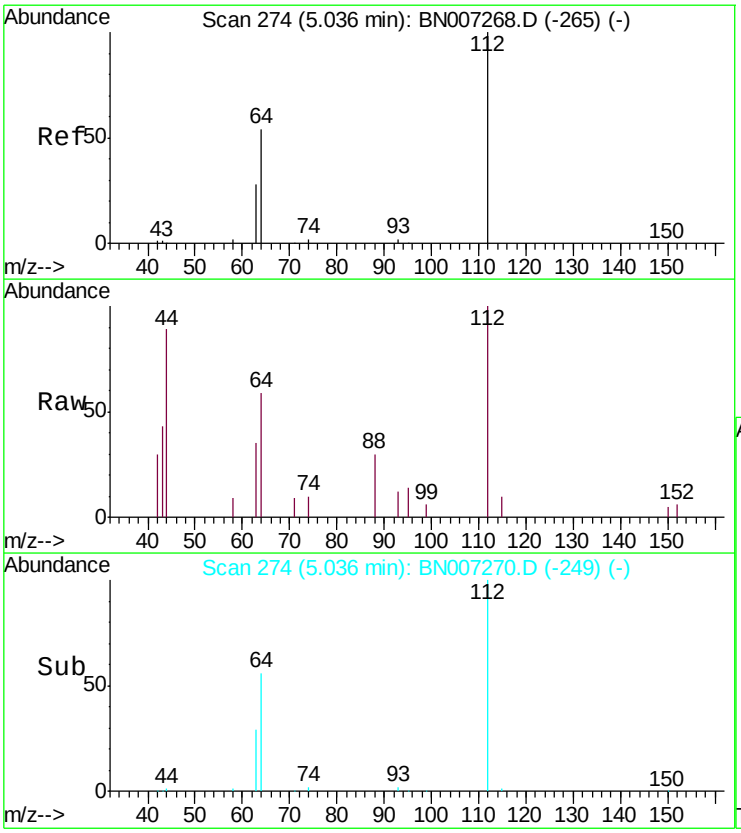
#3
n-Nitrosodimethylamine
Concen: 0.074 ng
RT: 3.34 min Scan# 63
Delta R.T. 0.01 min
Lab File: BN007270.D
Acq: 20 Aug 2019 18:26

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion: 42 Resp: 445

Ion	Ratio	Lower	Upper
42	100		
74	0.0	109.0	163.4#
44	11.2	4.2	6.2#

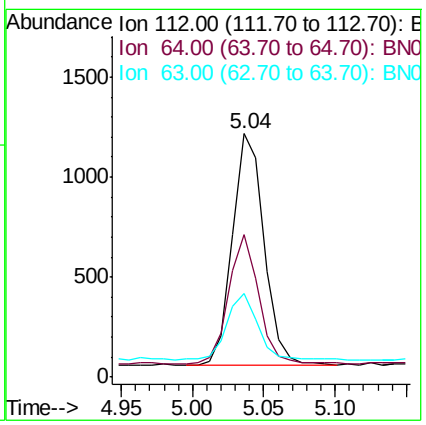


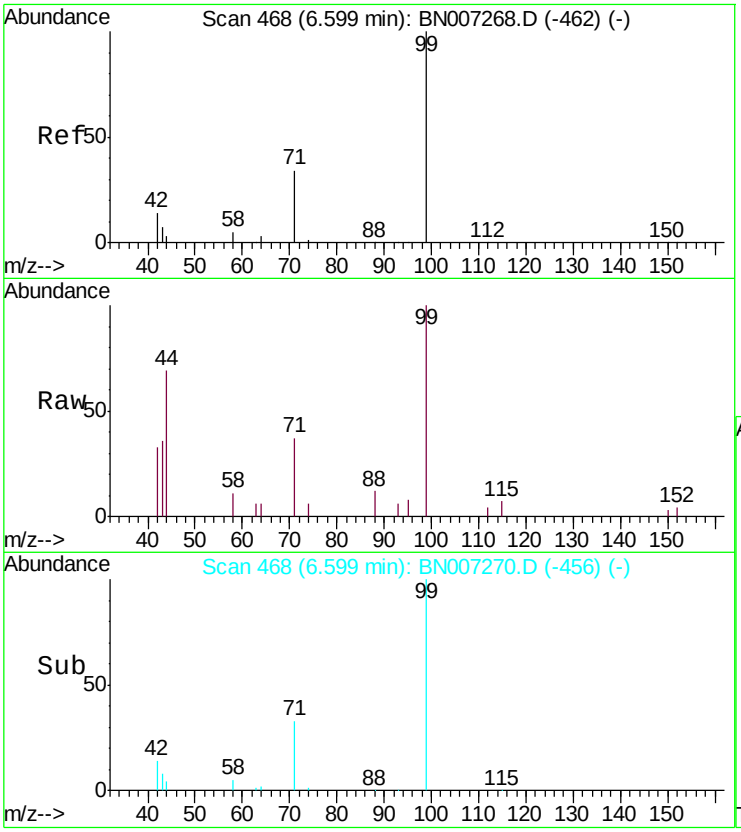


#4
2-Fluorophenol
Concen: 0.169 ng
RT: 5.04 min Scan# 274
Delta R.T. -0.00 min
Lab File: BN007270.D
Acq: 20 Aug 2019 18:26

Tgt Ion:112 Resp: 1776

Ion	Ratio	Lower	Upper
112	100		
64	53.2	41.8	62.8
63	29.1	22.6	34.0



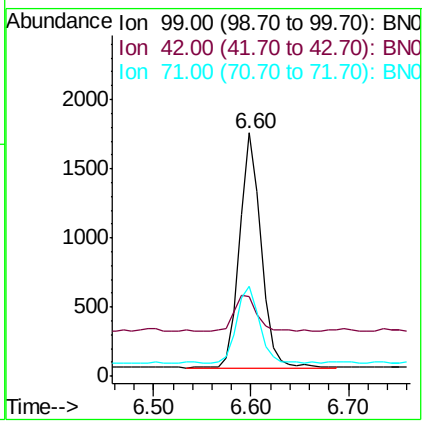


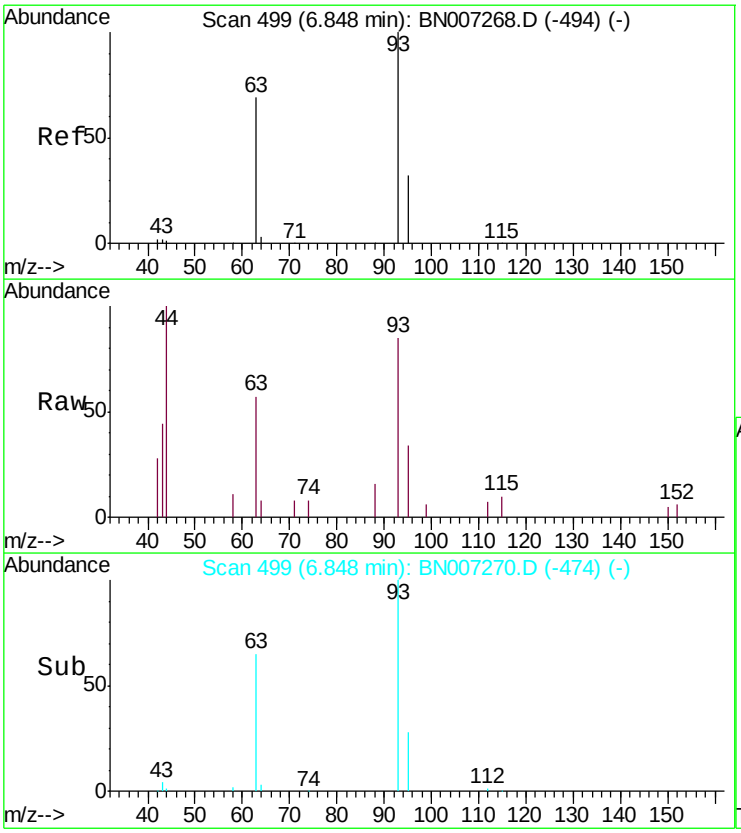
#5
Phenol-d6
Concen: 0.179 ng
RT: 6.60 min Scan# 468
Delta R.T. -0.00 min
Lab File: BN007270.D
Acq: 20 Aug 2019 18:26

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion: 99 Resp: 2596

Ion	Ratio	Lower	Upper
99	100		
42	16.7	14.3	21.5
71	34.7	27.3	40.9

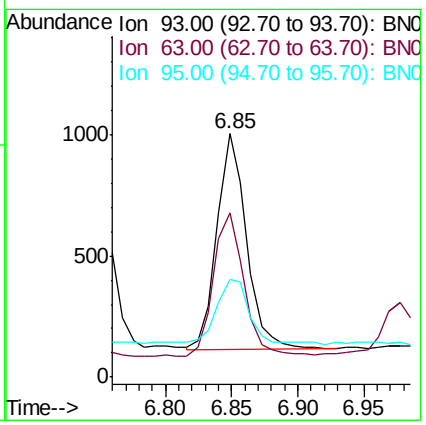


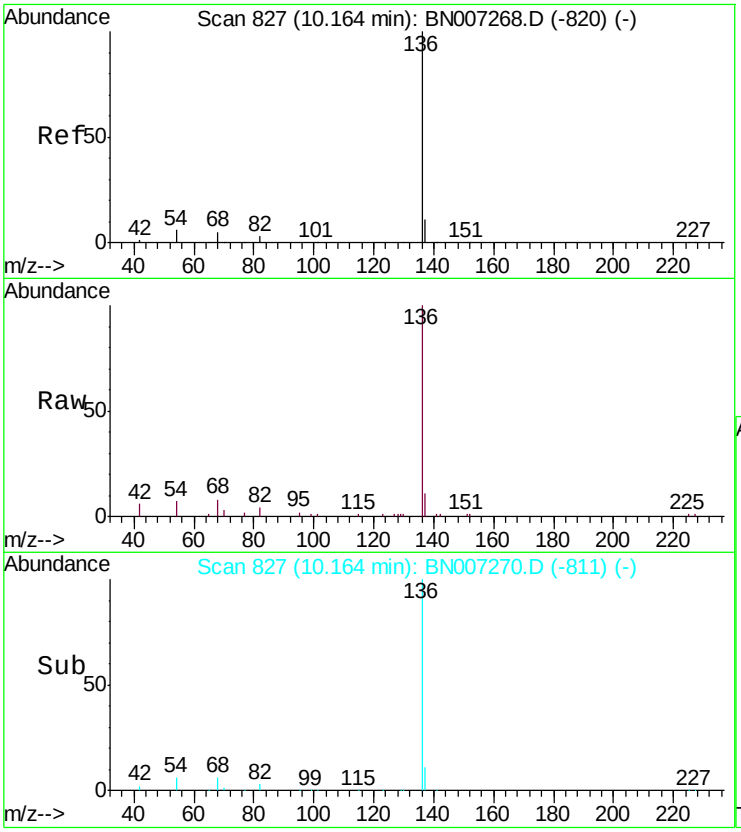


#6
bis(2-Chloroethyl)ether
Concen: 0.086 ng
RT: 6.85 min Scan# 499
Delta R.T. -0.00 min
Lab File: BN007270.D
Acq: 20 Aug 2019 18:26

Tgt Ion: 93 Resp: 1385

Ion	Ratio	Lower	Upper
93	100		
63	69.7	54.4	81.6
95	35.9	25.5	38.3



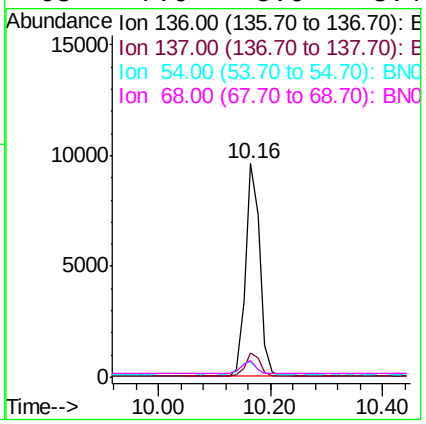


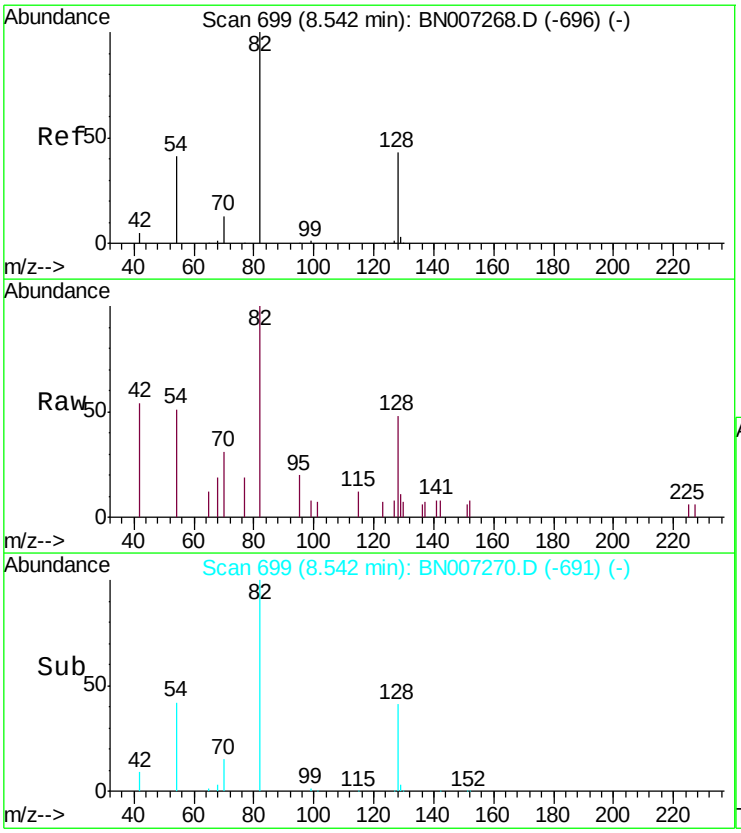
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.16 min Scan# 827
Delta R.T. -0.00 min
Lab File: BN007270.D
Acq: 20 Aug 2019 18:26

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:136 Resp: 16989

Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.1	13.7
54	7.4	5.9	8.9
68	7.6	5.6	8.4

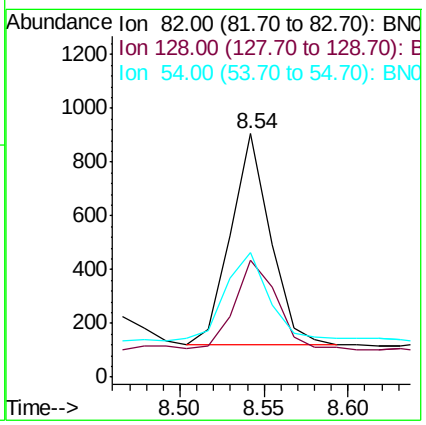


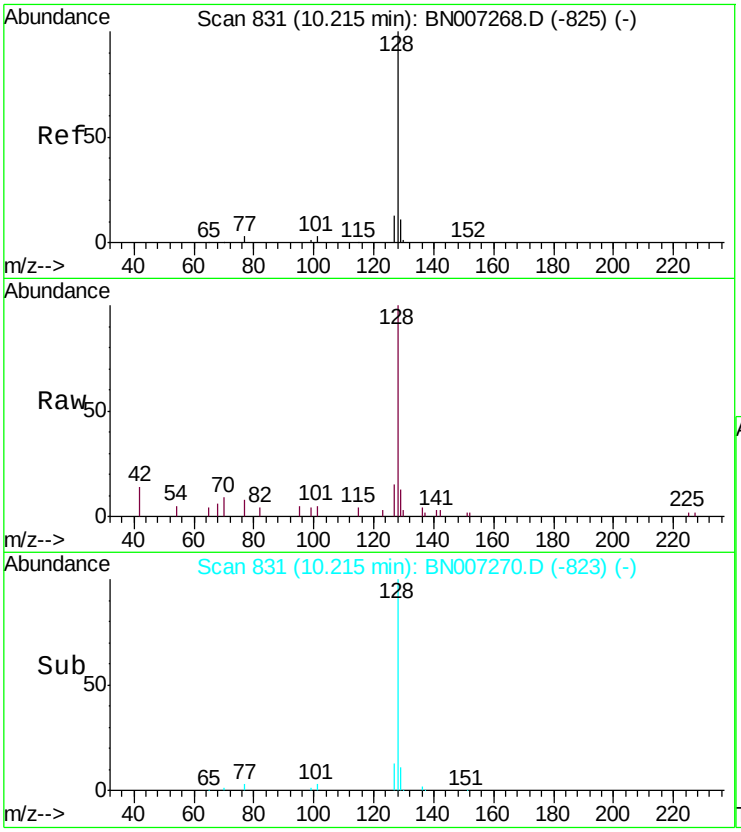


#8
Nitrobenzene-d5
Concen: 0.111 ng
RT: 8.54 min Scan# 699
Delta R.T. -0.00 min
Lab File: BN007270.D
Acq: 20 Aug 2019 18:26

Tgt Ion: 82 Resp: 1291

Ion	Ratio	Lower	Upper
82	100		
128	47.9	35.8	53.6
54	51.1	34.7	52.1



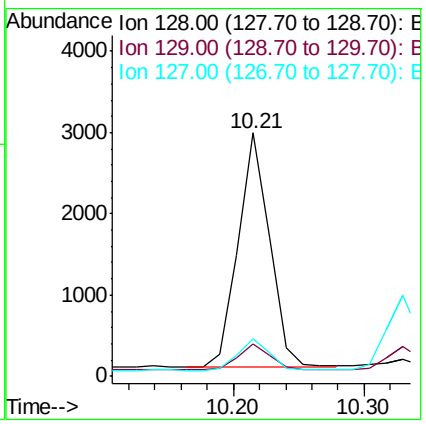


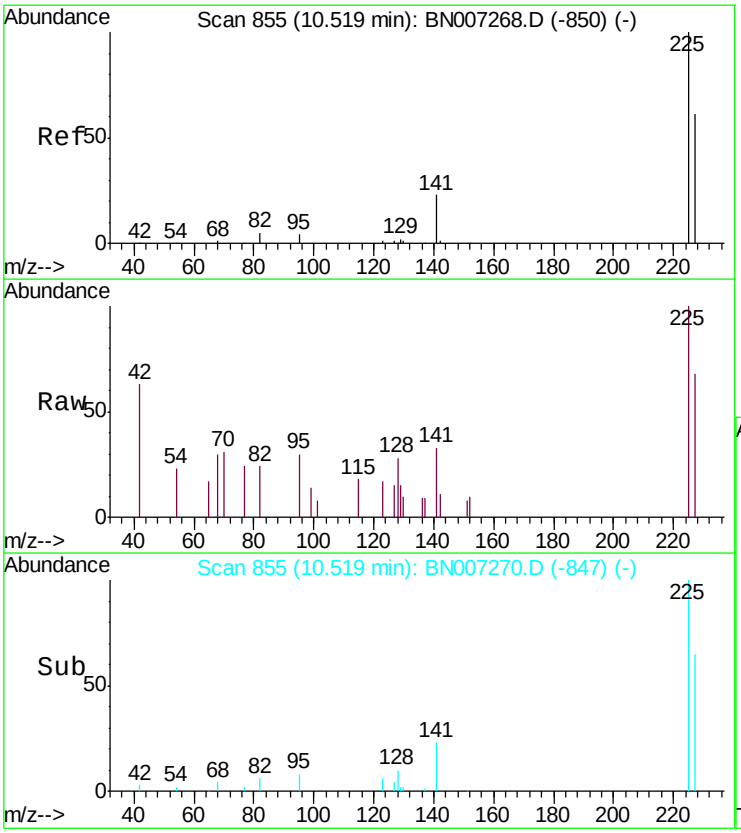
#9
Naphthalene
Concen: 0.106 ng
RT: 10.21 min Scan# 831
Delta R.T. -0.00 min
Lab File: BN007270.D
Acq: 20 Aug 2019 18:26

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:128 Resp: 4819

Ion	Ratio	Lower	Upper
128	100		
129	13.3	9.1	13.7
127	15.3	10.6	16.0

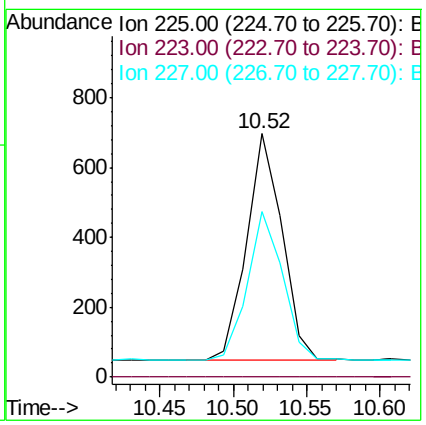


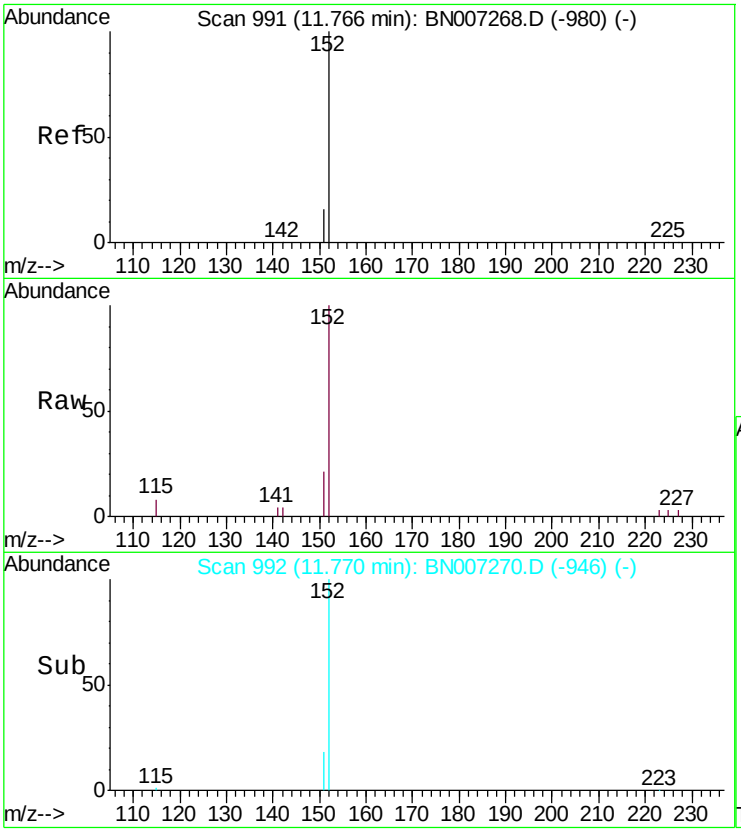


#10
Hexachlorobutadiene
Concen: 0.109 ng
RT: 10.52 min Scan# 855
Delta R.T. -0.00 min
Lab File: BN007270.D
Acq: 20 Aug 2019 18:26

Tgt Ion:225 Resp: 1078

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	64.9	50.2	75.2



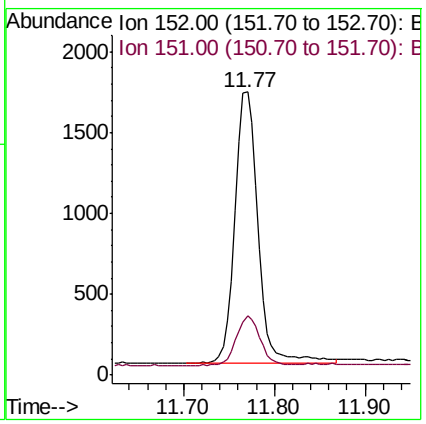


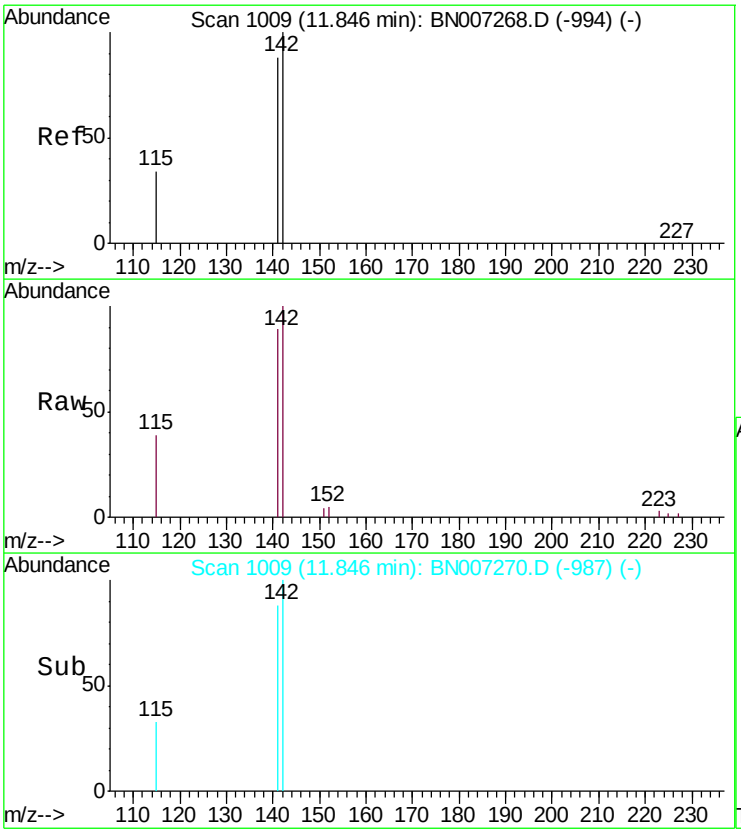
#11
2-Methylnaphthalene-d10
Concen: 0.118 ng
RT: 11.77 min Scan# 992
Delta R.T. 0.00 min
Lab File: BN007270.D
Acq: 20 Aug 2019 18:26

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:152 Resp: 2989

Ion	Ratio	Lower	Upper
152	100		
151	19.0	15.2	22.8

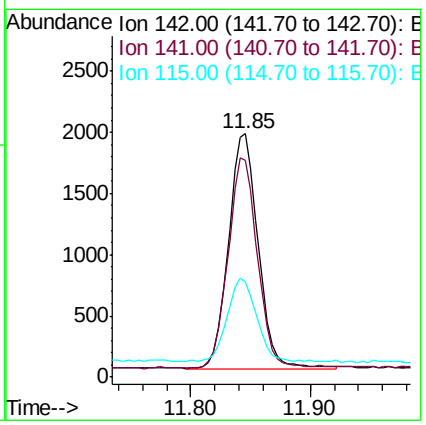


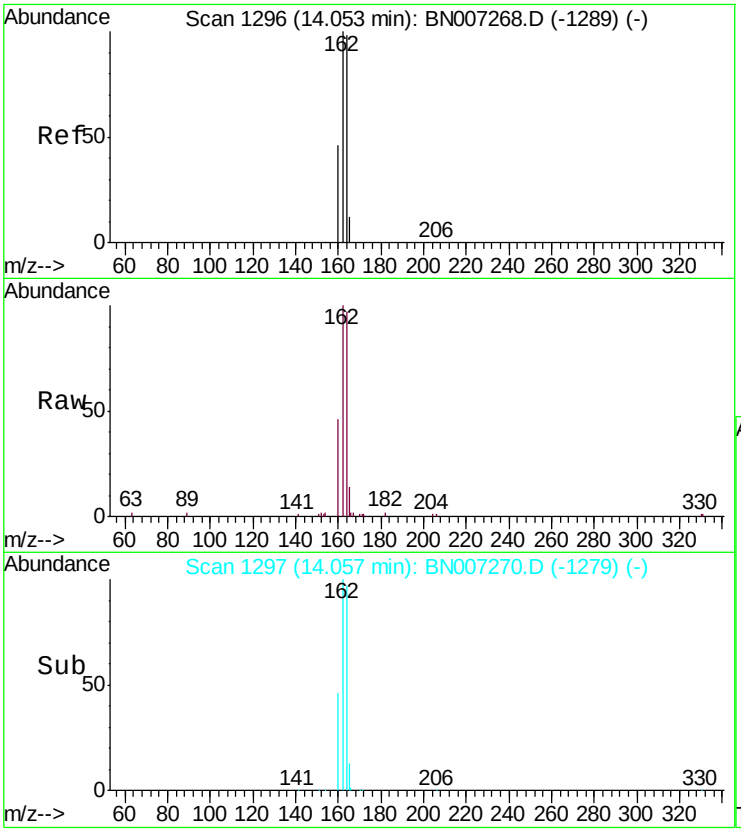


#12
2-Methylnaphthalene
Concen: 0.113 ng
RT: 11.85 min Scan# 1009
Delta R.T. -0.00 min
Lab File: BN007270.D
Acq: 20 Aug 2019 18:26

Tgt Ion:142 Resp: 3282

Ion	Ratio	Lower	Upper
142	100		
141	88.8	70.7	106.1
115	39.2	28.1	42.1



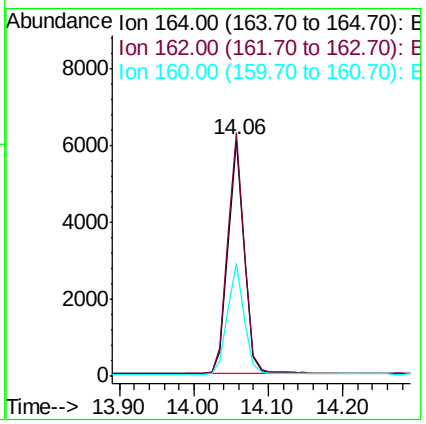


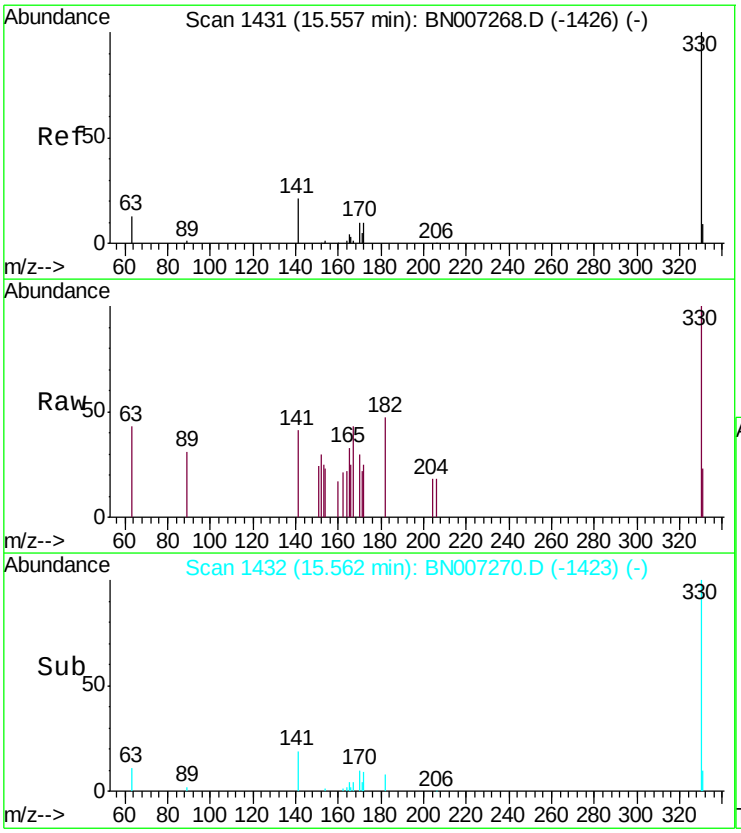
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.06 min Scan# 1297
Delta R.T. 0.00 min
Lab File: BN007270.D
Acq: 20 Aug 2019 18:26

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:164 Resp: 9317

Ion	Ratio	Lower	Upper
164	100		
162	103.1	82.0	123.0
160	47.8	38.2	57.4

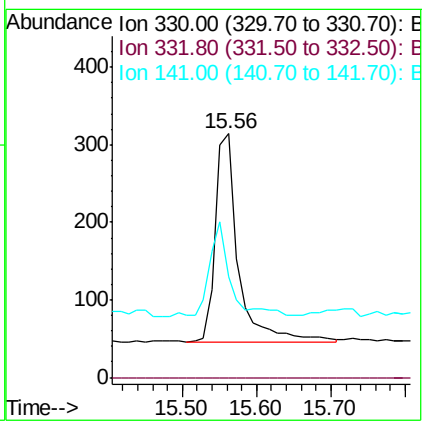


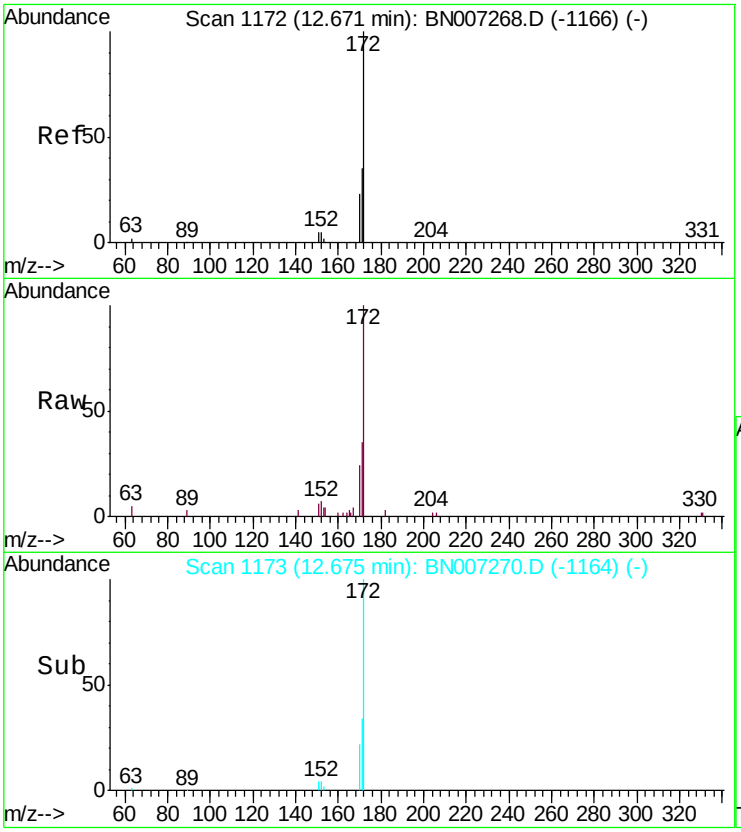


#14
2,4,6-Tribromophenol
Concen: 0.132 ng
RT: 15.56 min Scan# 1432
Delta R.T. 0.00 min
Lab File: BN007270.D
Acq: 20 Aug 2019 18:26

Tgt Ion:330 Resp: 573

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	41.0	30.3	45.5



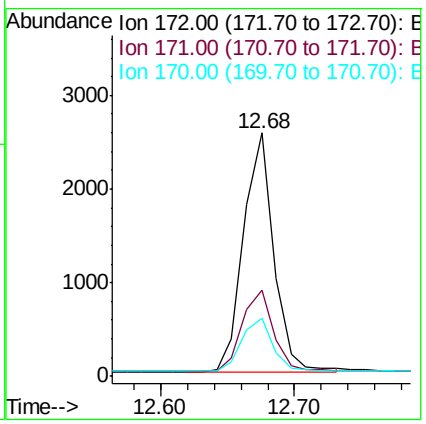


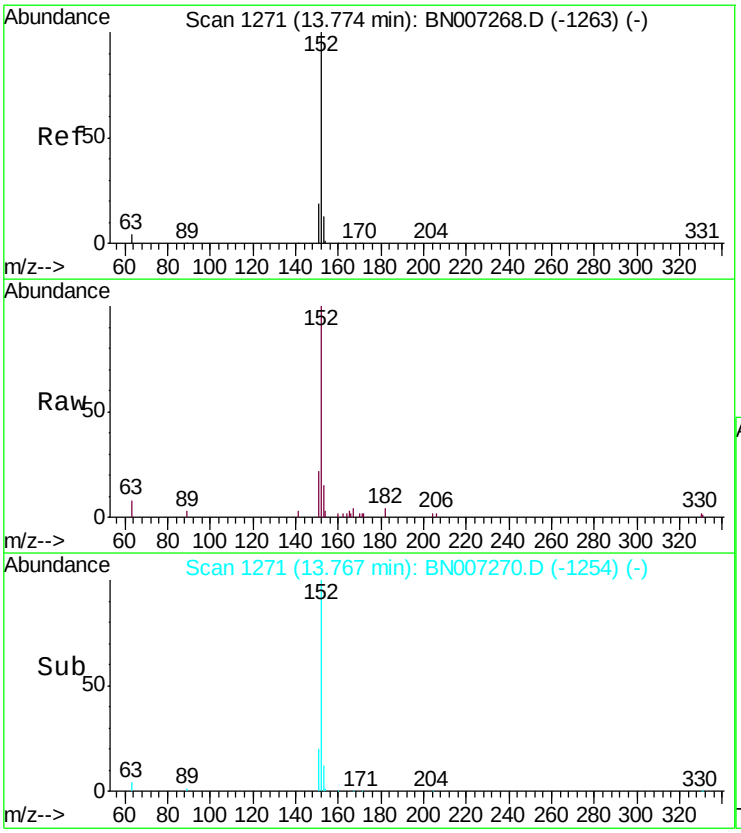
#15
2-Fluorobiphenyl
Concen: 0.116 ng
RT: 12.68 min Scan# 1173
Delta R.T. 0.00 min
Lab File: BN007270.D
Acq: 20 Aug 2019 18:26

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:172 Resp: 4010

Ion	Ratio	Lower	Upper
172	100		
171	35.4	28.6	43.0
170	23.9	18.7	28.1

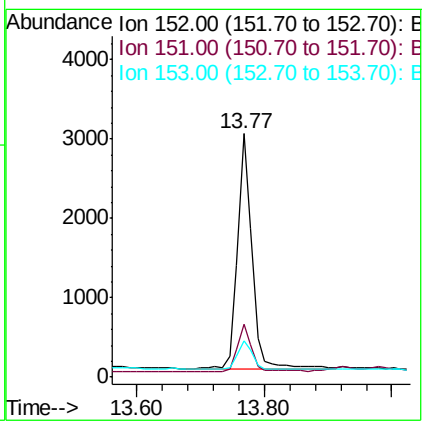


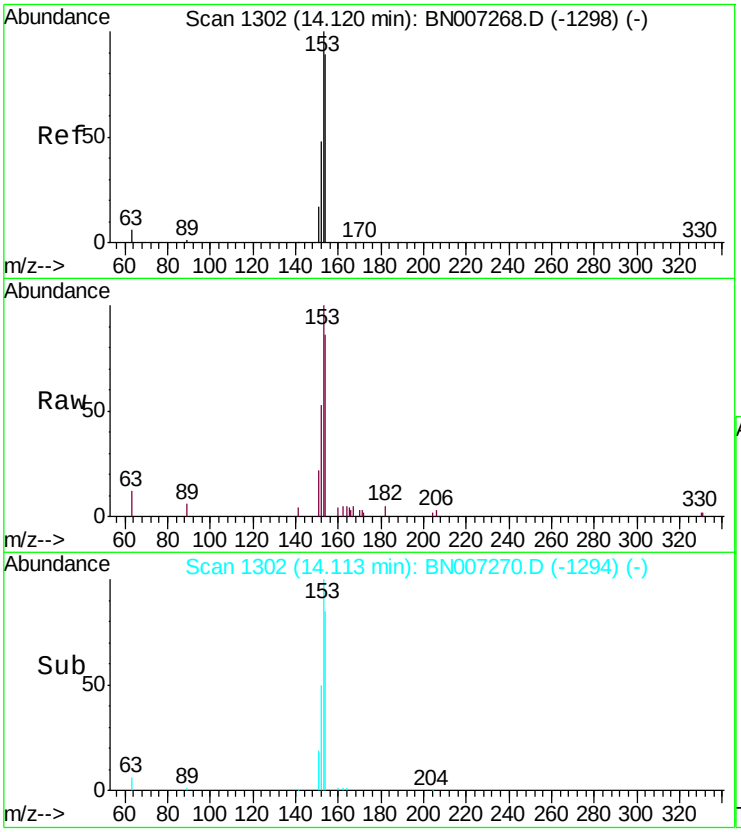


#16
Acenaphthylene
Concen: 0.108 ng
RT: 13.77 min Scan# 1271
Delta R.T. -0.01 min
Lab File: BN007270.D
Acq: 20 Aug 2019 18:26

Tgt Ion:152 Resp: 4746

Ion	Ratio	Lower	Upper
152	100		
151	19.4	15.4	23.2
153	12.1	10.1	15.1



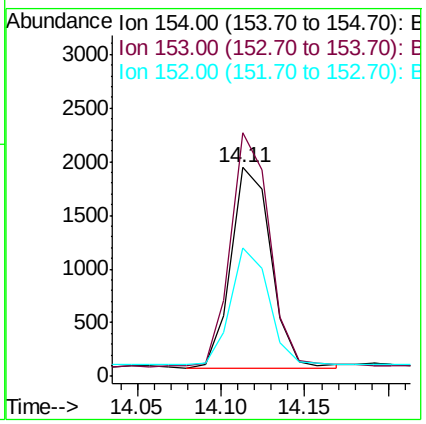


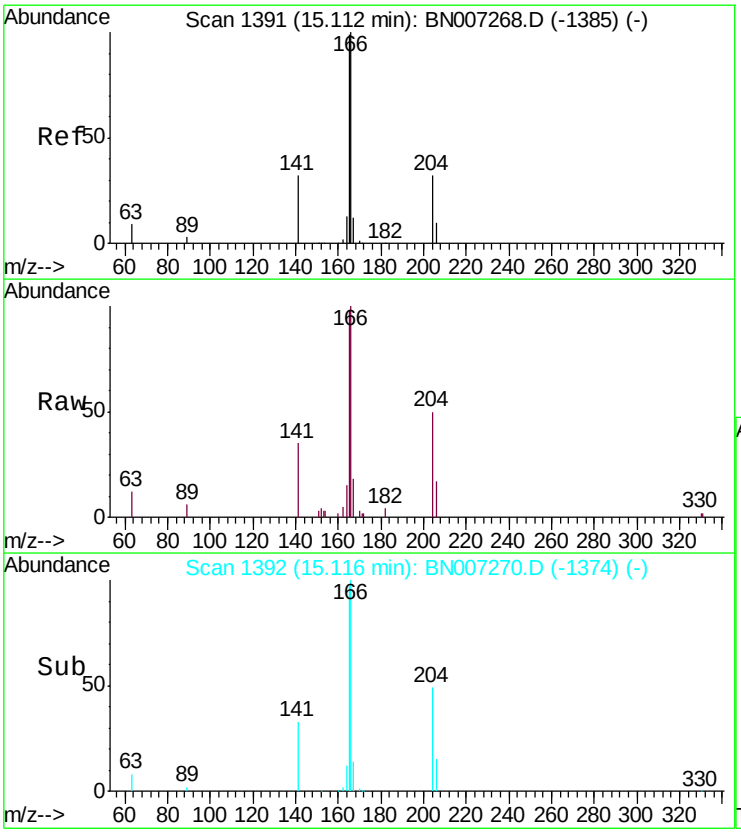
#17
Acenaphthene
Concen: 0.105 ng
RT: 14.11 min Scan# 1302
Delta R.T. -0.01 min
Lab File: BN007270.D
Acq: 20 Aug 2019 18:26

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:154 Resp: 3089

Ion	Ratio	Lower	Upper
154	100		
153	113.9	89.9	134.9
152	56.0	43.9	65.9

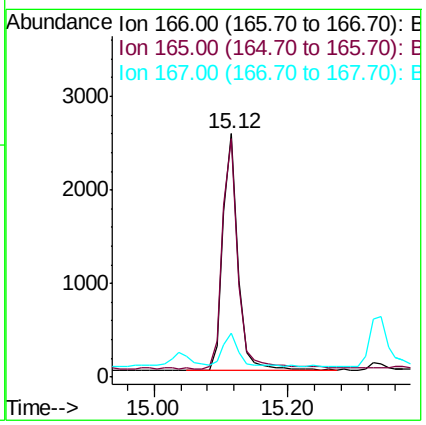


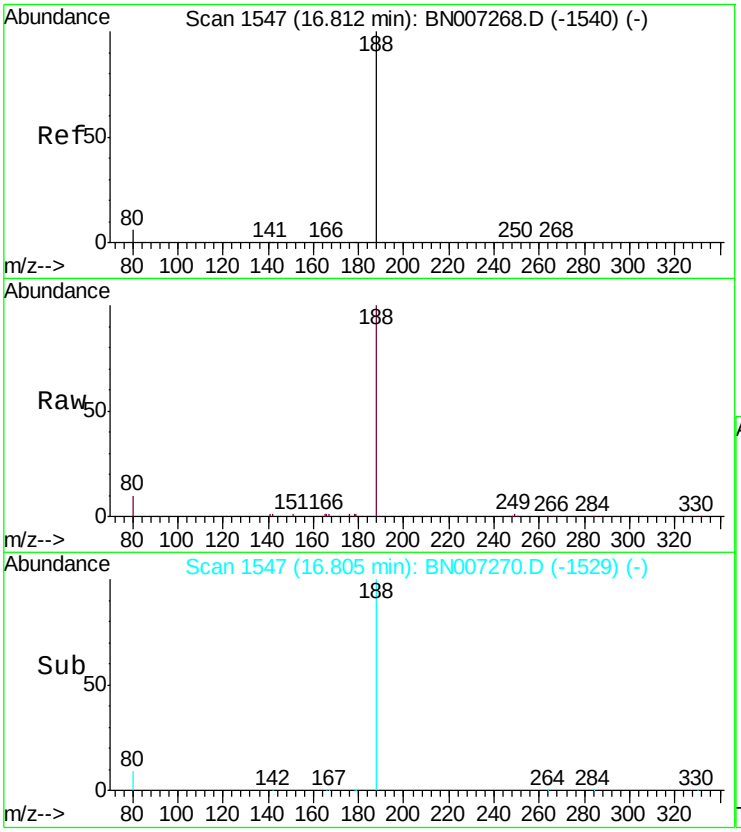


#18
Fluorene
Concen: 0.111 ng
RT: 15.12 min Scan# 1392
Delta R.T. 0.00 min
Lab File: BN007270.D
Acq: 20 Aug 2019 18:26

Tgt Ion:166 Resp: 4044

Ion	Ratio	Lower	Upper
166	100		
165	100.3	78.3	117.5
167	14.4	11.1	16.7



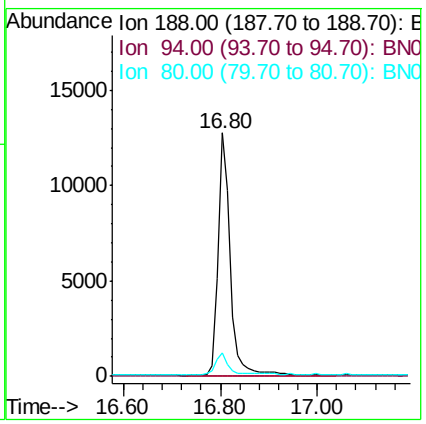


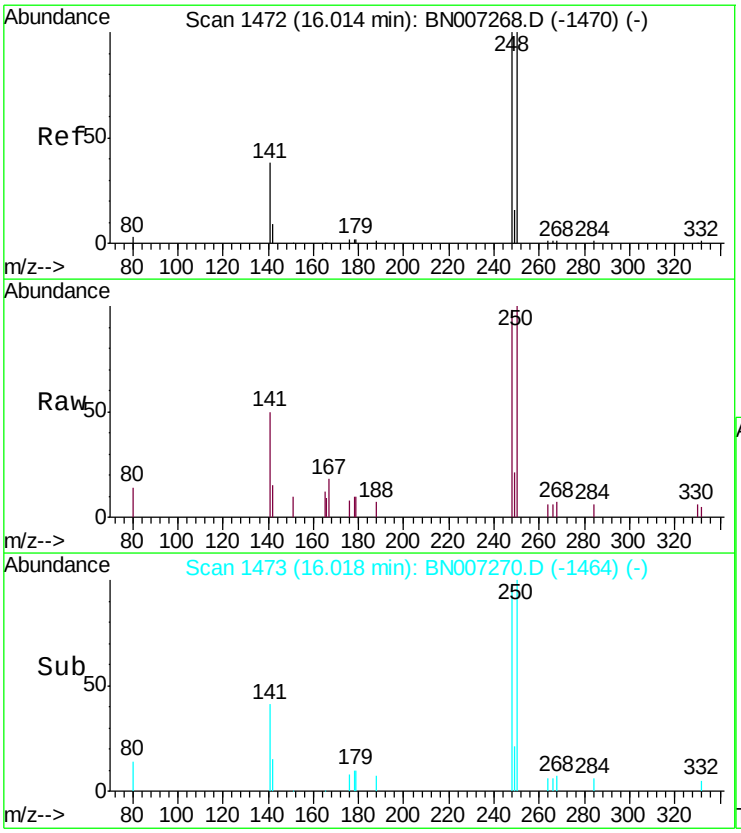
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.80 min Scan# 1547
Delta R.T. -0.01 min
Lab File: BN007270.D
Acq: 20 Aug 2019 18:26

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:188 Resp: 22040

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	9.7	5.2	7.8#

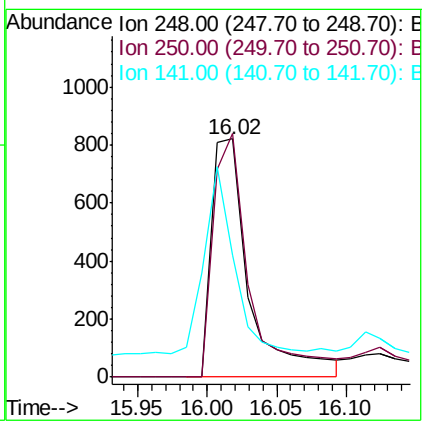


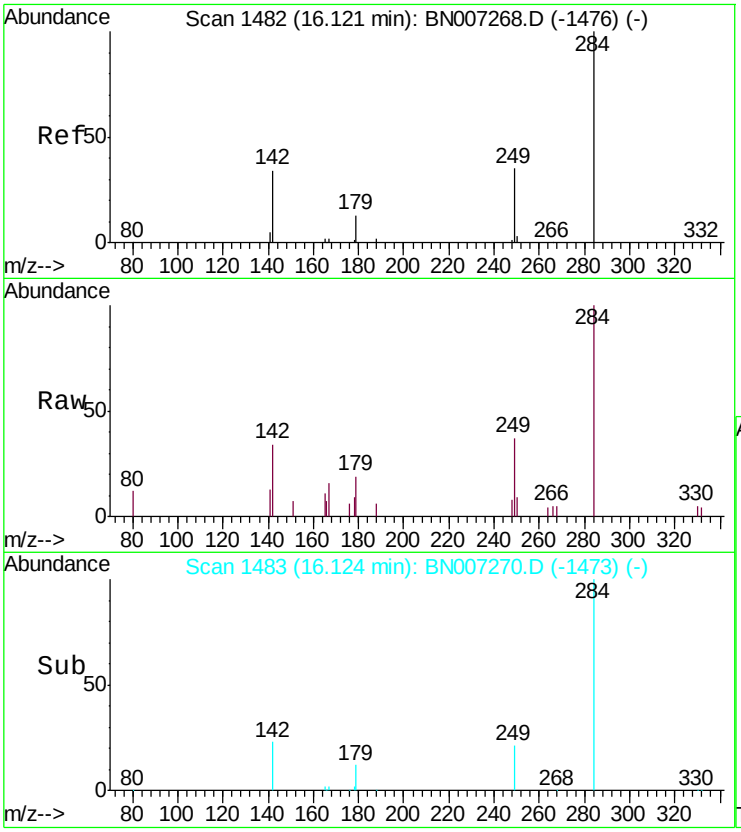


#20
4-Bromophenyl-phenylether
Concen: 0.124 ng
RT: 16.02 min Scan# 1473
Delta R.T. 0.00 min
Lab File: BN007270.D
Acq: 20 Aug 2019 18:26

Tgt Ion:248 Resp: 1544

Ion	Ratio	Lower	Upper
248	100		
250	102.1	79.6	119.4
141	51.3	45.1	67.7



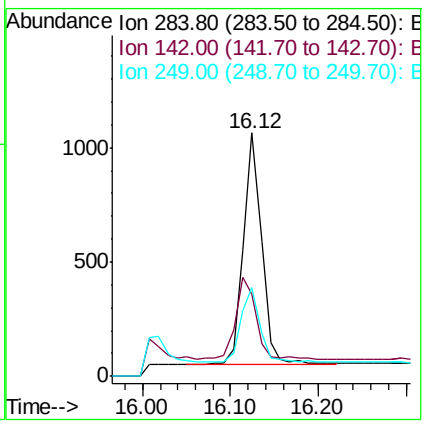


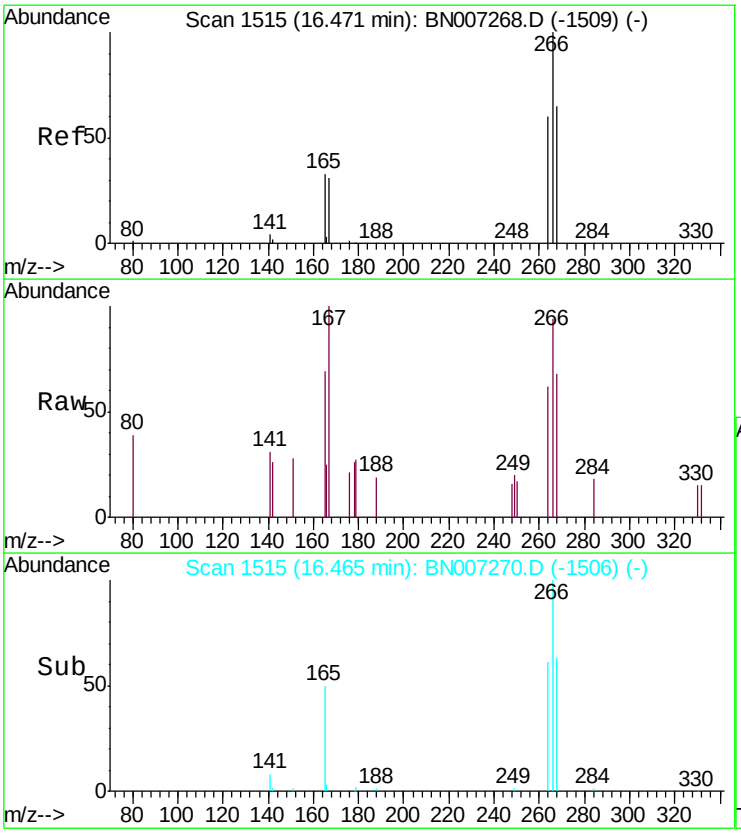
#21
Hexachlorobenzene
Concen: 0.090 ng
RT: 16.12 min Scan# 1483
Delta R.T. 0.00 min
Lab File: BN007270.D
Acq: 20 Aug 2019 18:26

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:284 Resp: 1465

Ion	Ratio	Lower	Upper
284	100		
142	40.5	29.5	44.3
249	34.2	26.2	39.4

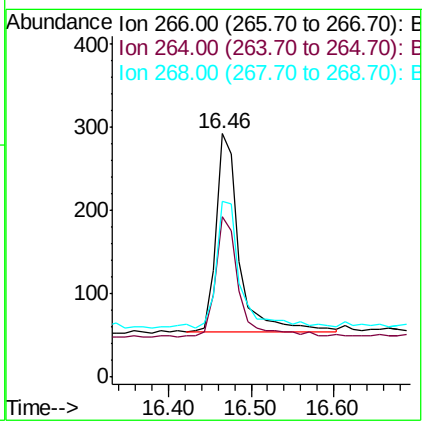


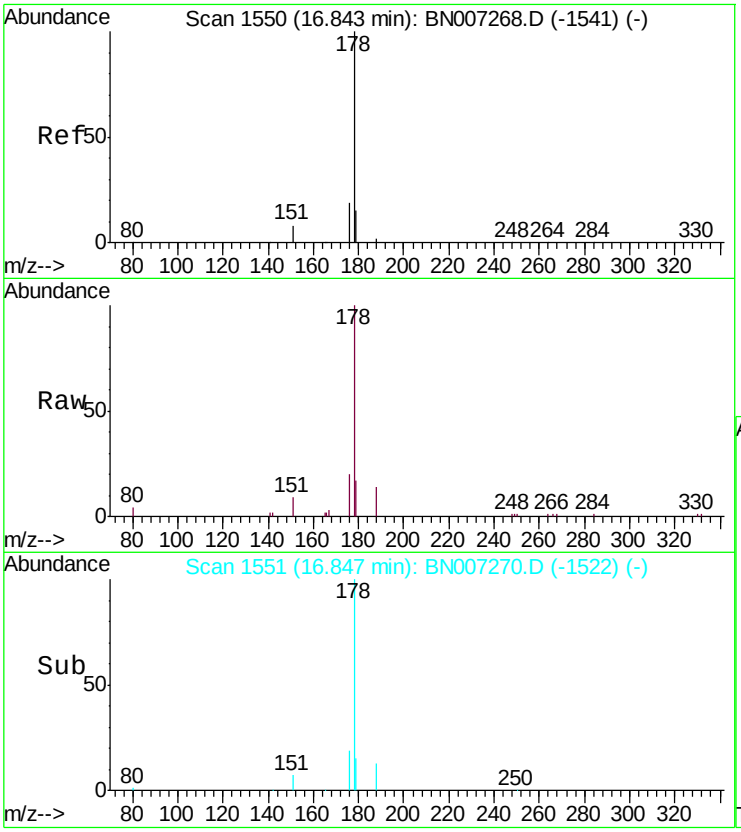


#22
Pentachlorophenol
Concen: 0.220 ng
RT: 16.46 min Scan# 1515
Delta R.T. -0.01 min
Lab File: BN007270.D
Acq: 20 Aug 2019 18:26

Tgt Ion:266 Resp: 470

Ion	Ratio	Lower	Upper
266	100		
264	66.1	48.7	73.1
268	72.3	53.5	80.3



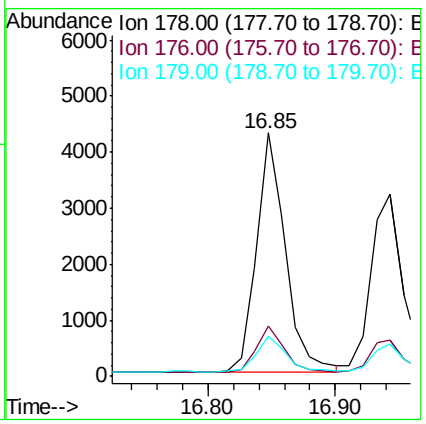


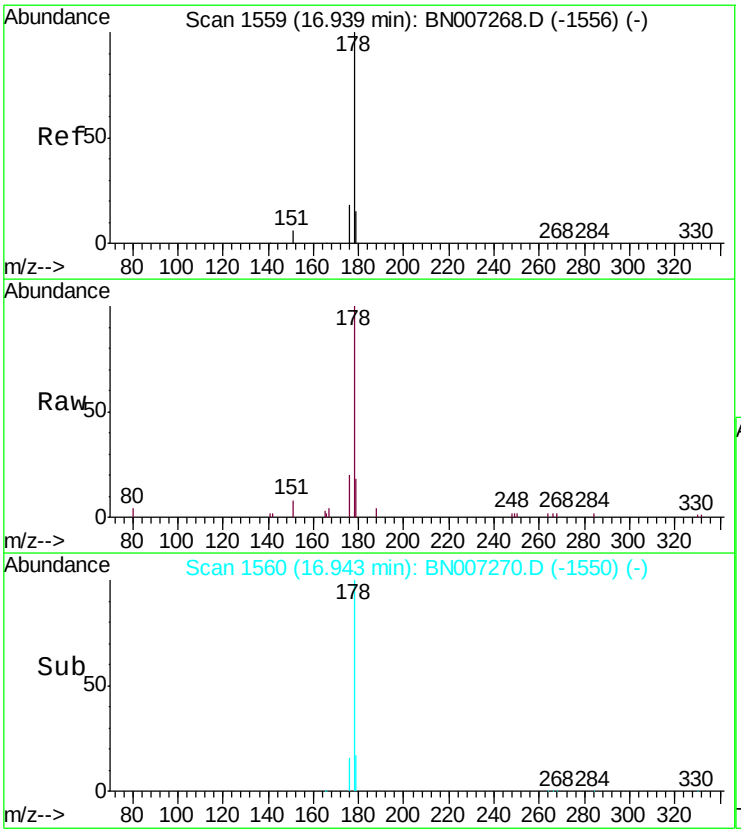
#23
Phenanthrene
Concen: 0.110 ng
RT: 16.85 min Scan# 1551
Delta R.T. 0.00 min
Lab File: BN007270.D
Acq: 20 Aug 2019 18:26

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:178 Resp: 6743

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.2	22.8
179	15.3	12.3	18.5

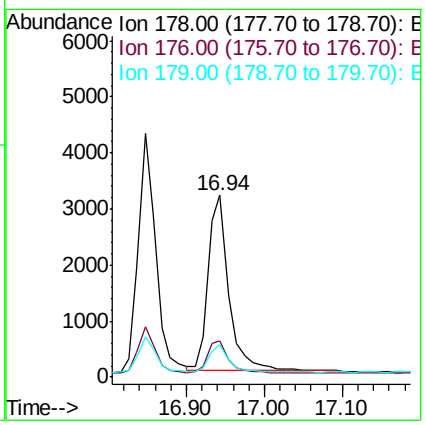


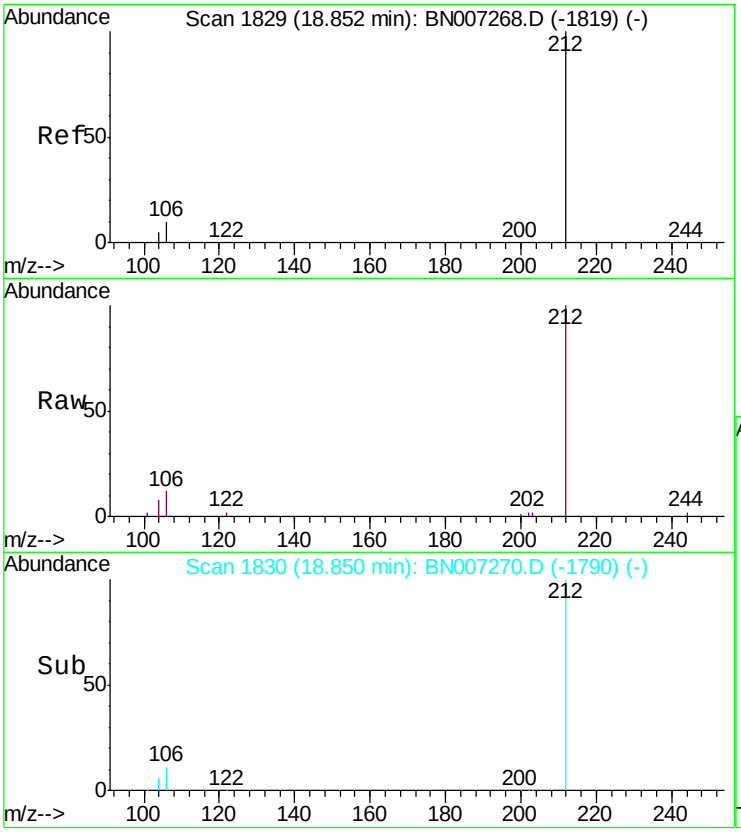


#24
Anthracene
Concen: 0.109 ng
RT: 16.94 min Scan# 1560
Delta R.T. 0.00 min
Lab File: BN007270.D
Acq: 20 Aug 2019 18:26

Tgt Ion:178 Resp: 5766

Ion	Ratio	Lower	Upper
178	100		
176	18.6	14.3	21.5
179	15.5	12.3	18.5



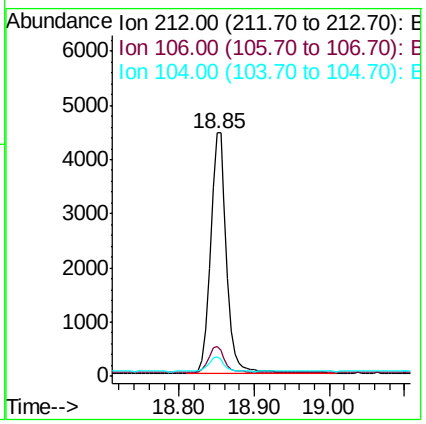


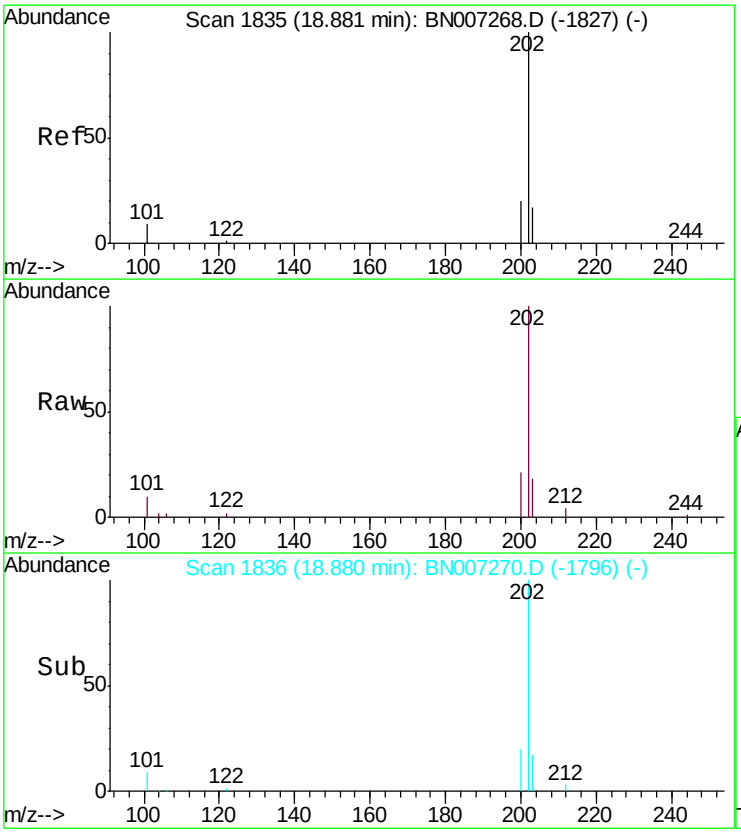
#25
Fluoranthene-d10
Concen: 0.100 ng
RT: 18.85 min Scan# 1830
Delta R.T. -0.00 min
Lab File: BN007270.D
Acq: 20 Aug 2019 18:26

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:212 Resp: 6686

Ion	Ratio	Lower	Upper
212	100		
106	10.6	8.2	12.4
104	5.9	4.7	7.1

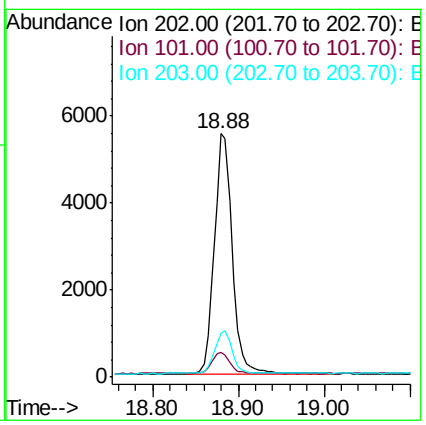


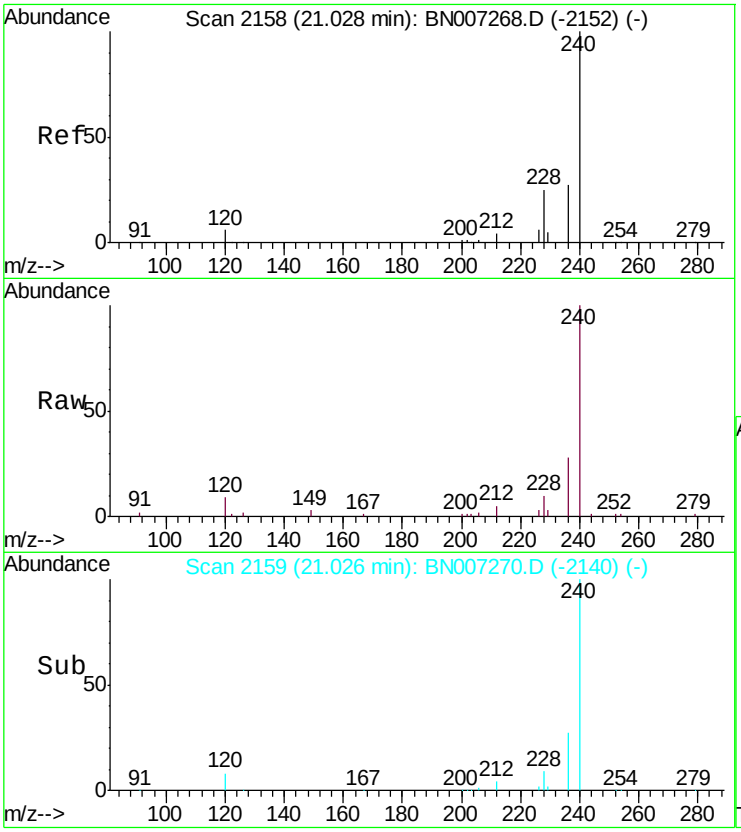


#26
Fluoranthene
Concen: 0.105 ng
RT: 18.88 min Scan# 1836
Delta R.T. -0.00 min
Lab File: BN007270.D
Acq: 20 Aug 2019 18:26

Tgt Ion:202 Resp: 8017

Ion	Ratio	Lower	Upper
202	100		
101	8.5	7.2	10.8
203	17.4	13.8	20.6



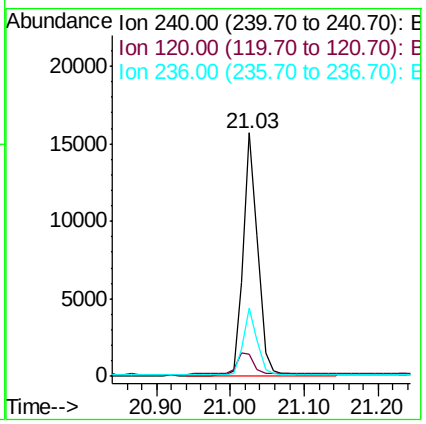


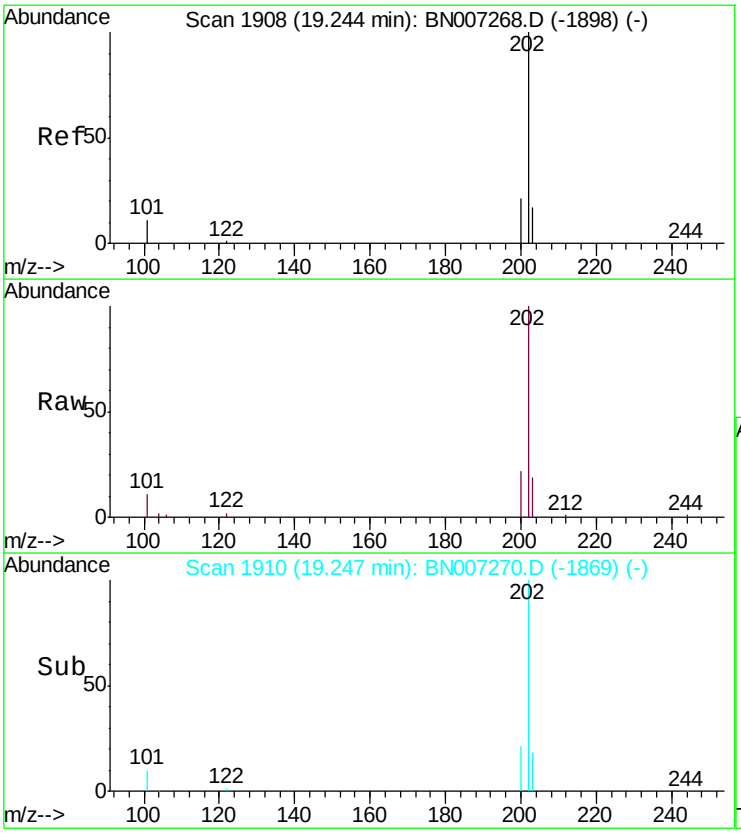
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.03 min Scan# 2159
Delta R.T. -0.00 min
Lab File: BN007270.D
Acq: 20 Aug 2019 18:26

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:240 Resp: 21250

Ion	Ratio	Lower	Upper
240	100		
120	9.1	5.6	8.4#
236	27.8	21.6	32.4

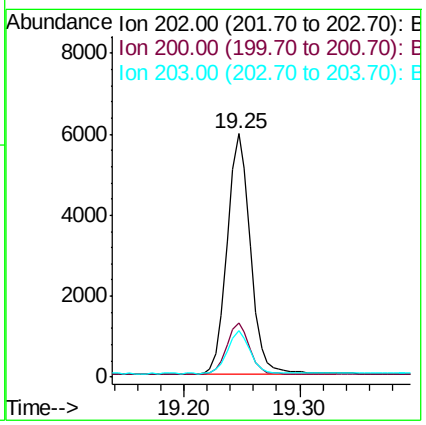


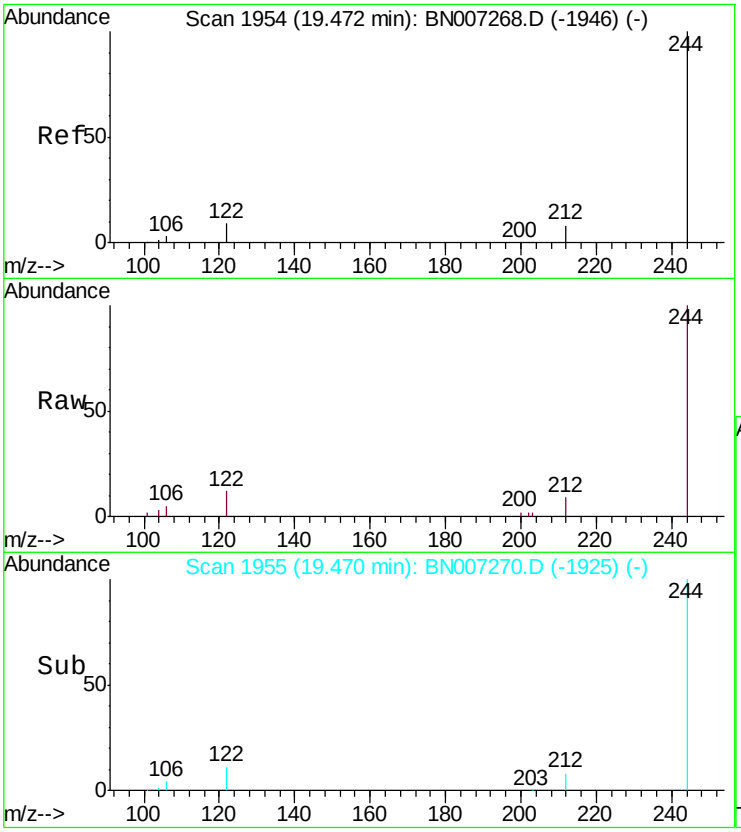


#28
Pyrene
Concen: 0.112 ng
RT: 19.25 min Scan# 1910
Delta R.T. 0.00 min
Lab File: BN007270.D
Acq: 20 Aug 2019 18:26

Tgt Ion:202 Resp: 8295

Ion	Ratio	Lower	Upper
202	100		
200	21.6	16.7	25.1
203	17.3	13.9	20.9



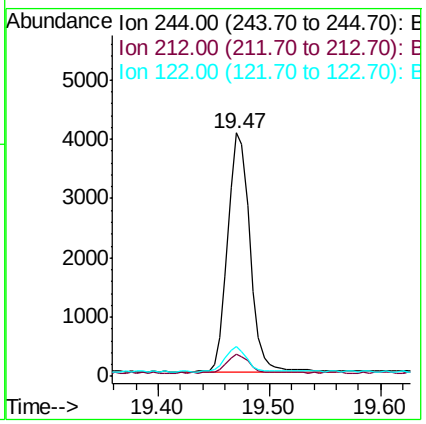


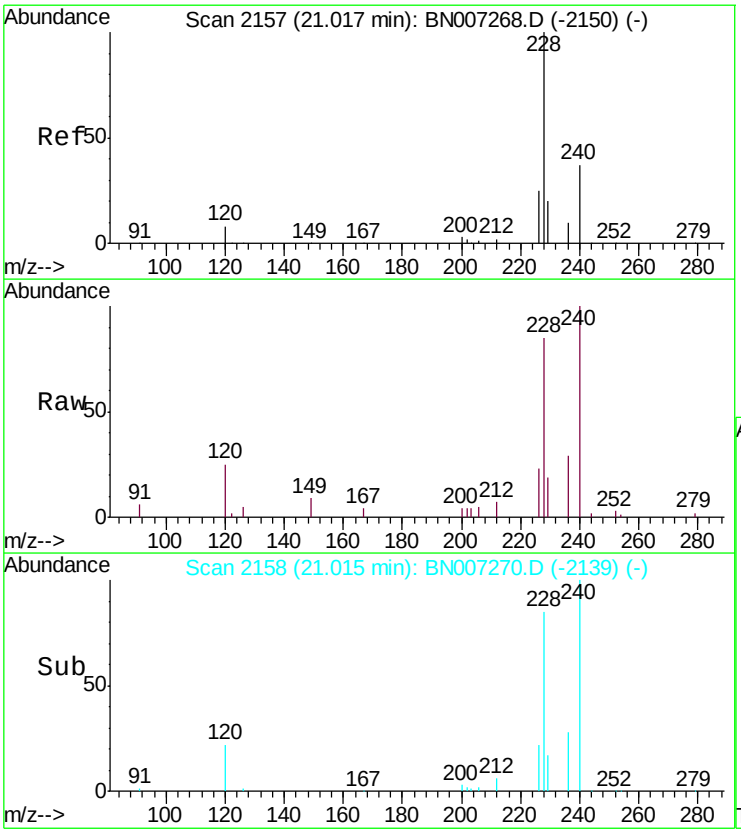
#29
Terphenyl-d14
Concen: 0.120 ng
RT: 19.47 min Scan# 1955
Delta R.T. -0.00 min
Lab File: BN007270.D
Acq: 20 Aug 2019 18:26

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:244 Resp: 5628

Ion	Ratio	Lower	Upper
244	100		
212	9.3	6.5	9.7
122	12.2	7.9	11.9#

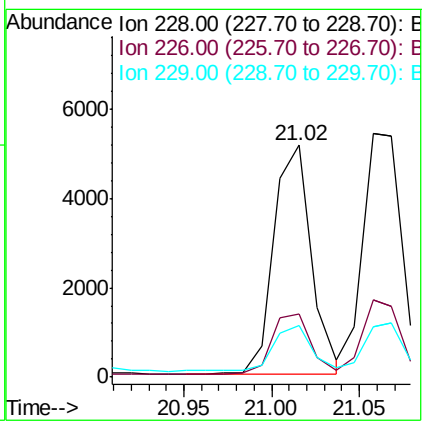


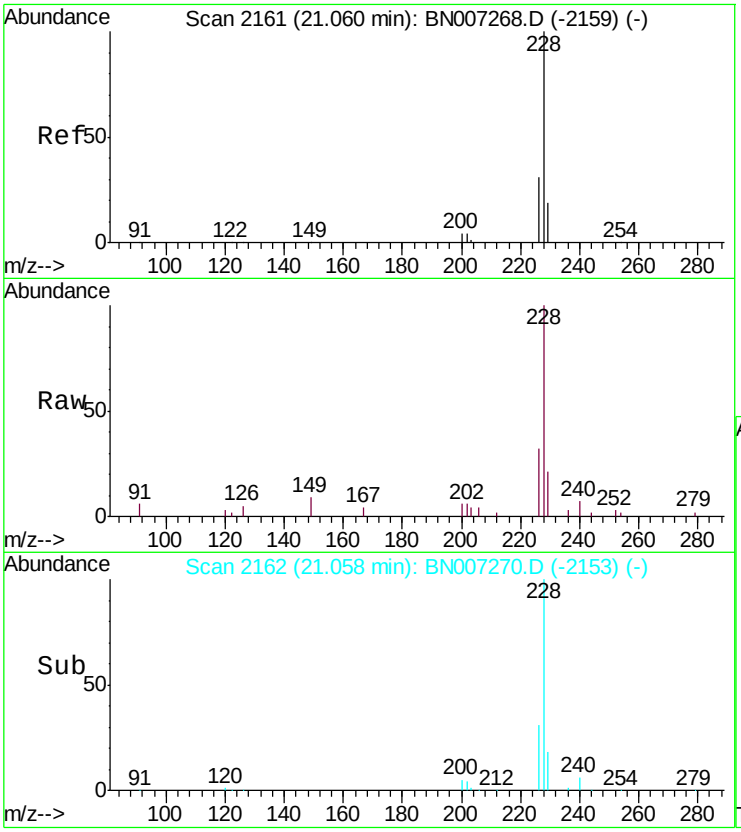


#30
Benzo(a)anthracene
Concen: 0.116 ng
RT: 21.02 min Scan# 2158
Delta R.T. -0.00 min
Lab File: BN007270.D
Acq: 20 Aug 2019 18:26

Tgt Ion:228 Resp: 7604

Ion	Ratio	Lower	Upper
228	100		
226	27.4	20.6	30.8
229	22.3	16.9	25.3



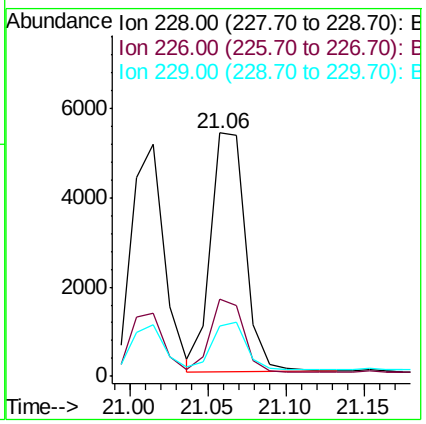


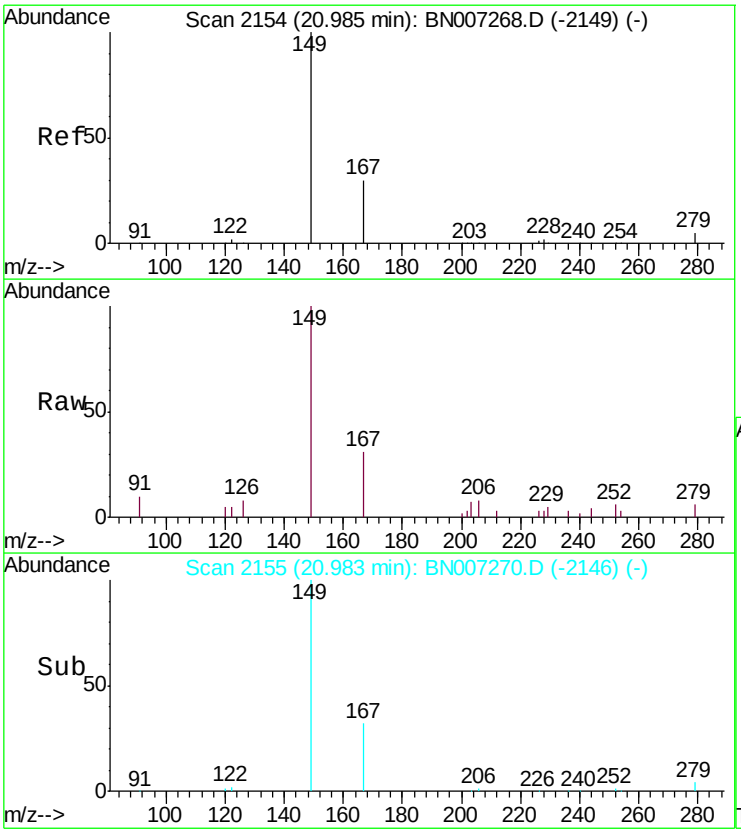
#31
Chrysene
Concen: 0.113 ng
RT: 21.06 min Scan# 2162
Delta R.T. -0.00 min
Lab File: BN007270.D
Acq: 20 Aug 2019 18:26

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:228 Resp: 8271

Ion	Ratio	Lower	Upper
228	100		
226	31.7	24.6	36.8
229	20.7	15.6	23.4

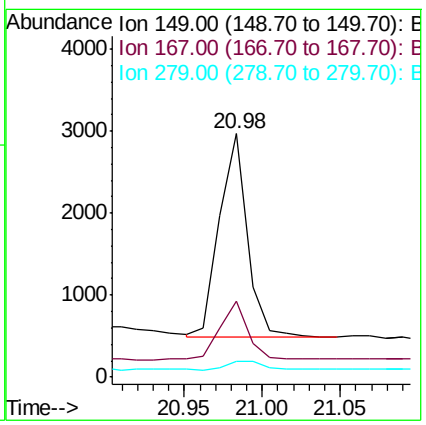


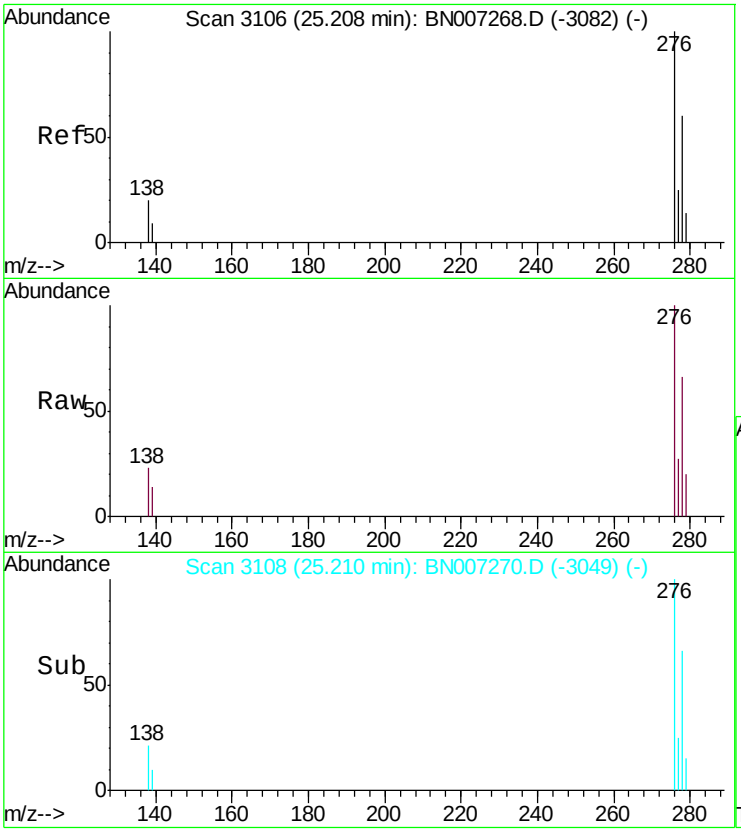


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.101 ng
RT: 20.98 min Scan# 2155
Delta R.T. -0.00 min
Lab File: BN007270.D
Acq: 20 Aug 2019 18:26

Tgt Ion:149 Resp: 3086

Ion	Ratio	Lower	Upper
149	100		
167	30.7	23.8	35.6
279	5.7	3.8	5.8



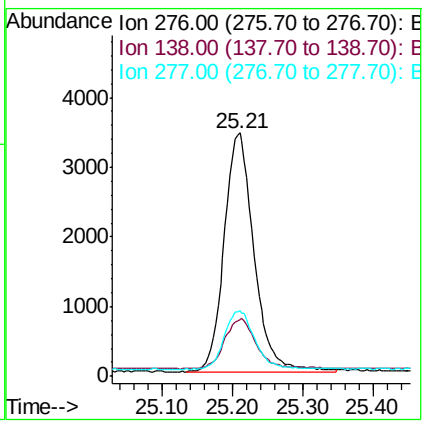


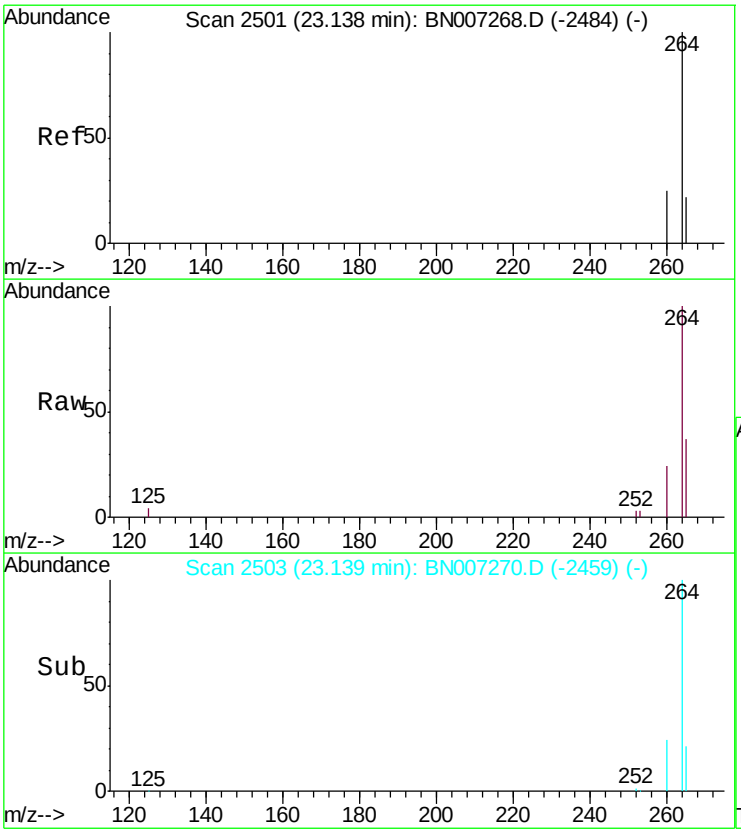
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.112 ng
RT: 25.21 min Scan# 3108
Delta R.T. 0.00 min
Lab File: BN007270.D
Acq: 20 Aug 2019 18:26

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:276 Resp: 10060

Ion	Ratio	Lower	Upper
276	100		
138	21.8	17.1	25.7
277	25.0	20.1	30.1

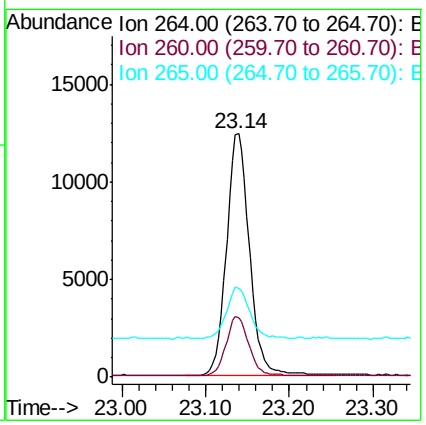


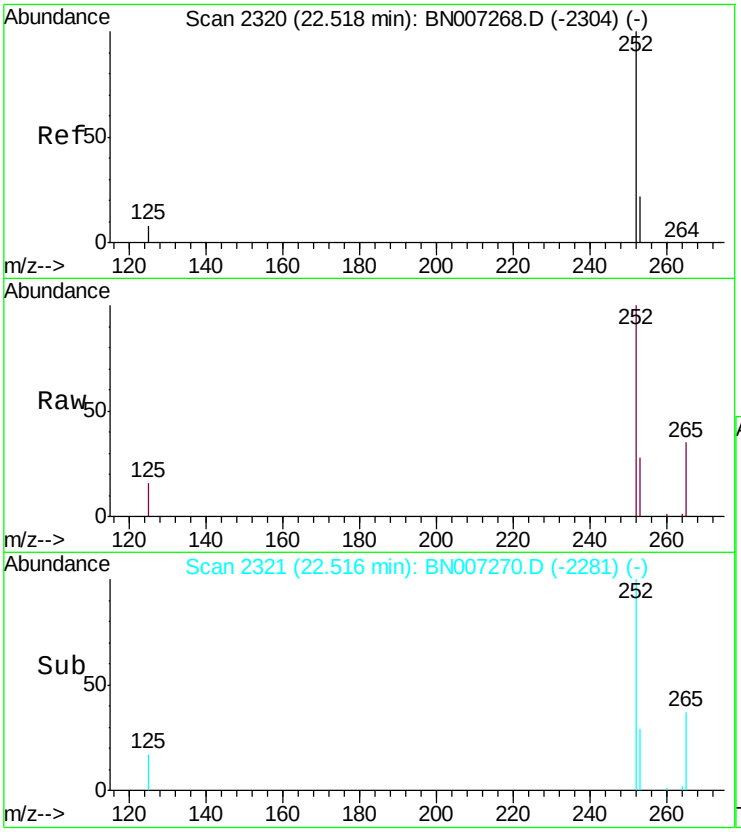


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.14 min Scan# 2503
Delta R.T. 0.00 min
Lab File: BN007270.D
Acq: 20 Aug 2019 18:26

Tgt Ion:264 Resp: 23493

Ion	Ratio	Lower	Upper
264	100		
260	24.5	20.1	30.1
265	36.6	29.0	43.6



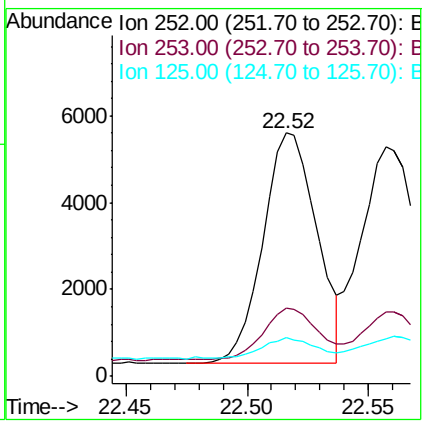


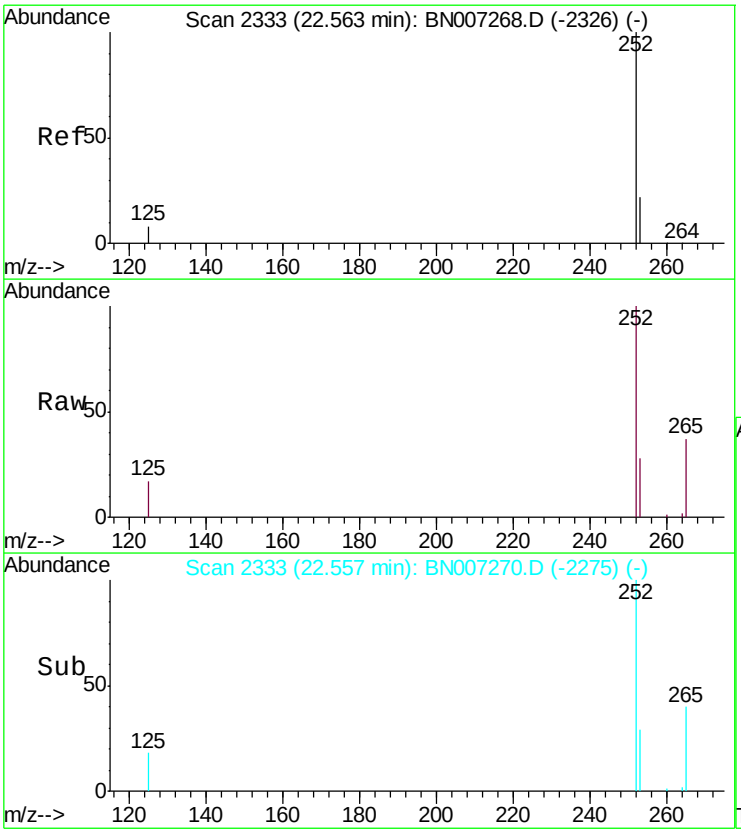
#35
Benzo(b)fluoranthene
Concen: 0.111 ng
RT: 22.52 min Scan# 2321
Delta R.T. -0.00 min
Lab File: BN007270.D
Acq: 20 Aug 2019 18:26

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:252 Resp: 8229

Ion	Ratio	Lower	Upper
252	100		
253	27.9	18.5	27.7#
125	15.8	7.8	11.6#

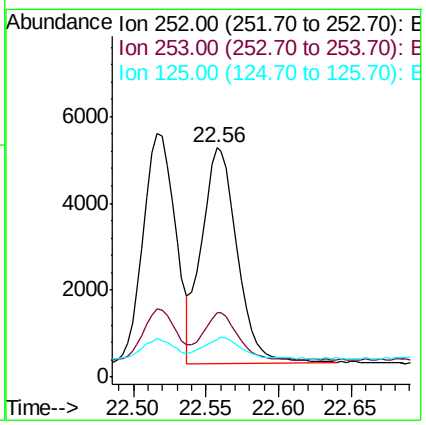


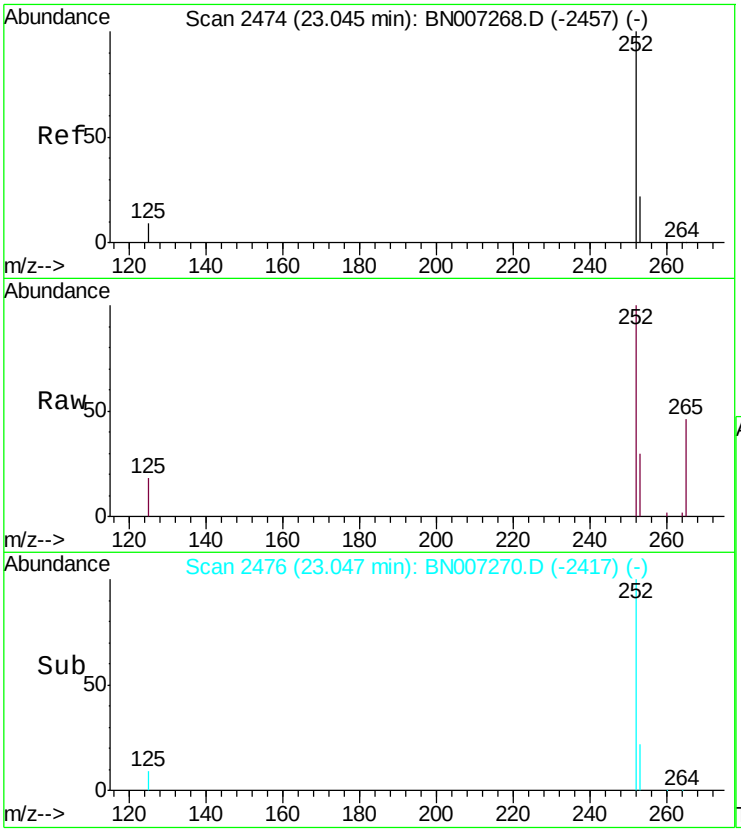


#36
Benzo(k)fluoranthene
Concen: 0.102 ng
RT: 22.56 min Scan# 2333
Delta R.T. -0.01 min
Lab File: BN007270.D
Acq: 20 Aug 2019 18:26

Tgt Ion:252 Resp: 8432

Ion	Ratio	Lower	Upper
252	100		
253	27.9	18.4	27.6#
125	16.6	8.0	12.0#



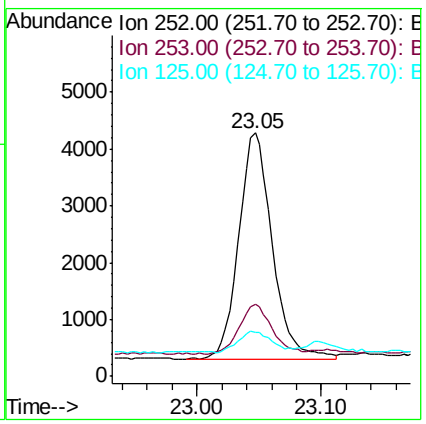


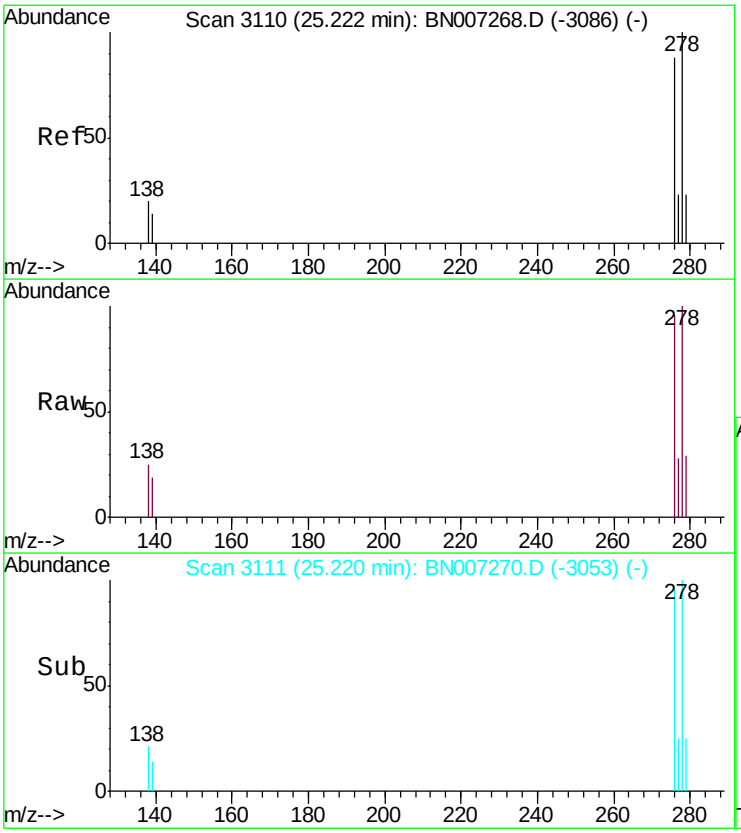
#37
Benzo(a)pyrene
Concen: 0.104 ng
RT: 23.05 min Scan# 2476
Delta R.T. 0.00 min
Lab File: BN007270.D
Acq: 20 Aug 2019 18:26

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:252 Resp: 7479

Ion	Ratio	Lower	Upper
252	100		
253	29.8	18.7	28.1#
125	18.1	8.7	13.1#

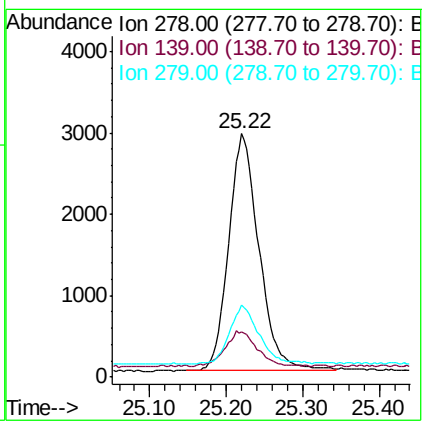


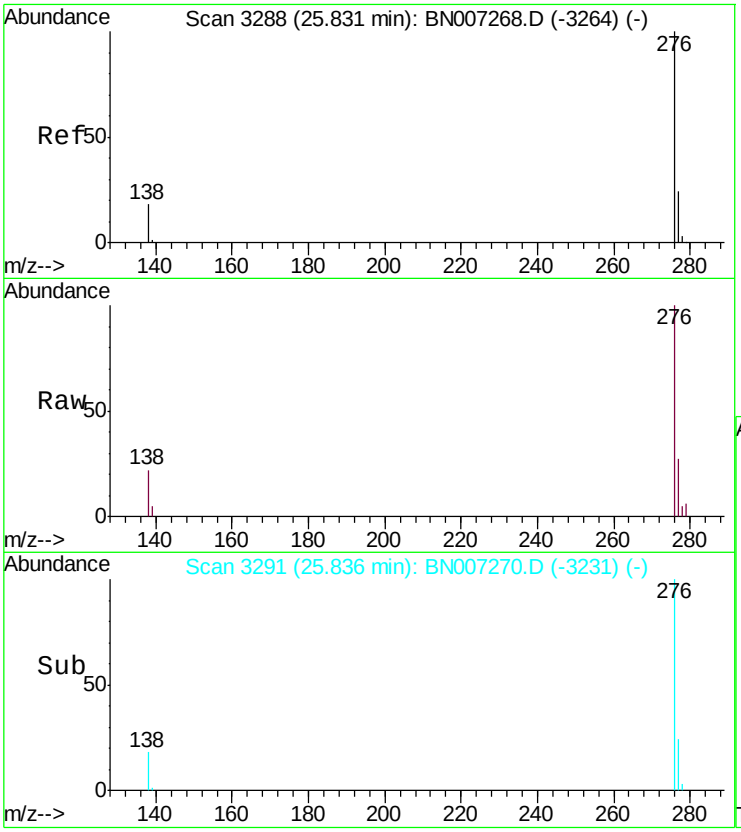


#38
Dibenzo(a,h)anthracene
Concen: 0.112 ng
RT: 25.22 min Scan# 3111
Delta R.T. -0.00 min
Lab File: BN007270.D
Acq: 20 Aug 2019 18:26

Tgt Ion:278 Resp: 8100

Ion	Ratio	Lower	Upper
278	100		
139	18.6	11.8	17.8#
279	29.4	19.8	29.6





#39
Benzo(g,h,i)perylene
Concen: 0.110 ng
RT: 25.84 min Scan# 3291
Delta R.T. 0.00 min
Lab File: BN007270.D
Acq: 20 Aug 2019 18:26

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:276 Resp: 8315

Ion	Ratio	Lower	Upper
276	100		
277	26.6	19.5	29.3
138	21.9	15.3	22.9