Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN082019\
Data File : BN007269.D
Acq On : 20 Aug 2019 17:50
Operator : HP/JU
Sample : SSTDICC0.2
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDICC0.2

Quant Time: Aug 20 18:26:01 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	4757	0.40	ng		0.00
7) Naphthalene-d8	10.16	136	17565	0.40	ng		0.00
13) Acenaphthene-d10	14.06	164	9917	0.40	ng		0.00
19) Phenanthrene-d10	16.80	188	23479	0.40	ng		0.00
27) Chrysene-d12	21.03	240	23778	0.40	ng		0.00
34) Perylene-d12	23.14	264	25863	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.04	112	3550	0.34	ng		0.00
5) Phenol-d6	6.60	99	5119	0.35	ng		0.00
8) Nitrobenzene-d5	8.54	82	2528	0.21	ng		0.00
11) 2-Methylnaphthalene-d10	11.77	152	5799	0.22	ng		0.00
14) 2,4,6-Tribromophenol	15.55	330	1183	0.26	ng		0.00
15) 2-Fluorobiphenyl	12.68	172	8195	0.22	ng		0.00
25) Fluoranthene-d10	18.85	212	13918	0.20	ng		0.00
29) Terphenyl-d14	19.47	244	11662	0.22	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.01	88	1587	0.203	ng		90
3) n-Nitrosodimethylamine	3.33	42	724	0.119	ng	#	82
6) bis(2-Chloroethyl)ether	6.85	93	2751	0.170	ng		98
9) Naphthalene	10.22	128	9563	0.203	ng		98
10) Hexachlorobutadiene	10.52	225	2116	0.207	ng	#	99
12) 2-Methylnaphthalene	11.84	142	6546	0.218	ng		97
16) Acenaphthylene	13.77	152	9453	0.202	ng		98
17) Acenaphthene	14.12	154	6249	0.199	ng		99
18) Fluorene	15.12	166	8283	0.213	ng		100
20) 4-Bromophenyl-phenylether	16.02	248	2861	0.215	ng		94
21) Hexachlorobenzene	16.12	284	2965	0.171	ng		98
22) Pentachlorophenol	16.46	266	1017	0.446	ng		98
23) Phenanthrene	16.85	178	13796	0.212	ng		100
24) Anthracene	16.94	178	12093	0.214	ng		99
26) Fluoranthene	18.88	202	16676	0.204	ng		100
28) Pyrene	19.25	202	17212	0.208	ng		99
30) Benzo(a)anthracene	21.00	228	16228	0.221	ng		96
31) Chrysene	21.06	228	17438	0.212	ng		99
32) Bis(2-ethylhexyl)phthalate	20.98	149	6075	0.178	ng		99
33) Indeno(1,2,3-cd)pyrene	25.20	276	21590	0.215	ng		100
35) Benzo(b)fluoranthene	22.52	252	18152	0.223	ng	#	97
36) Benzo(k)fluoranthene	22.52	252	18152	0.199	ng		97
37) Benzo(a)pyrene	23.04	252	16197	0.206	ng	#	95
38) Dibenzo(a,h)anthracene	25.22	278	17438	0.219	ng		96
39) Benzo(g,h,i)perylene	25.83	276	17650	0.212	ng		99

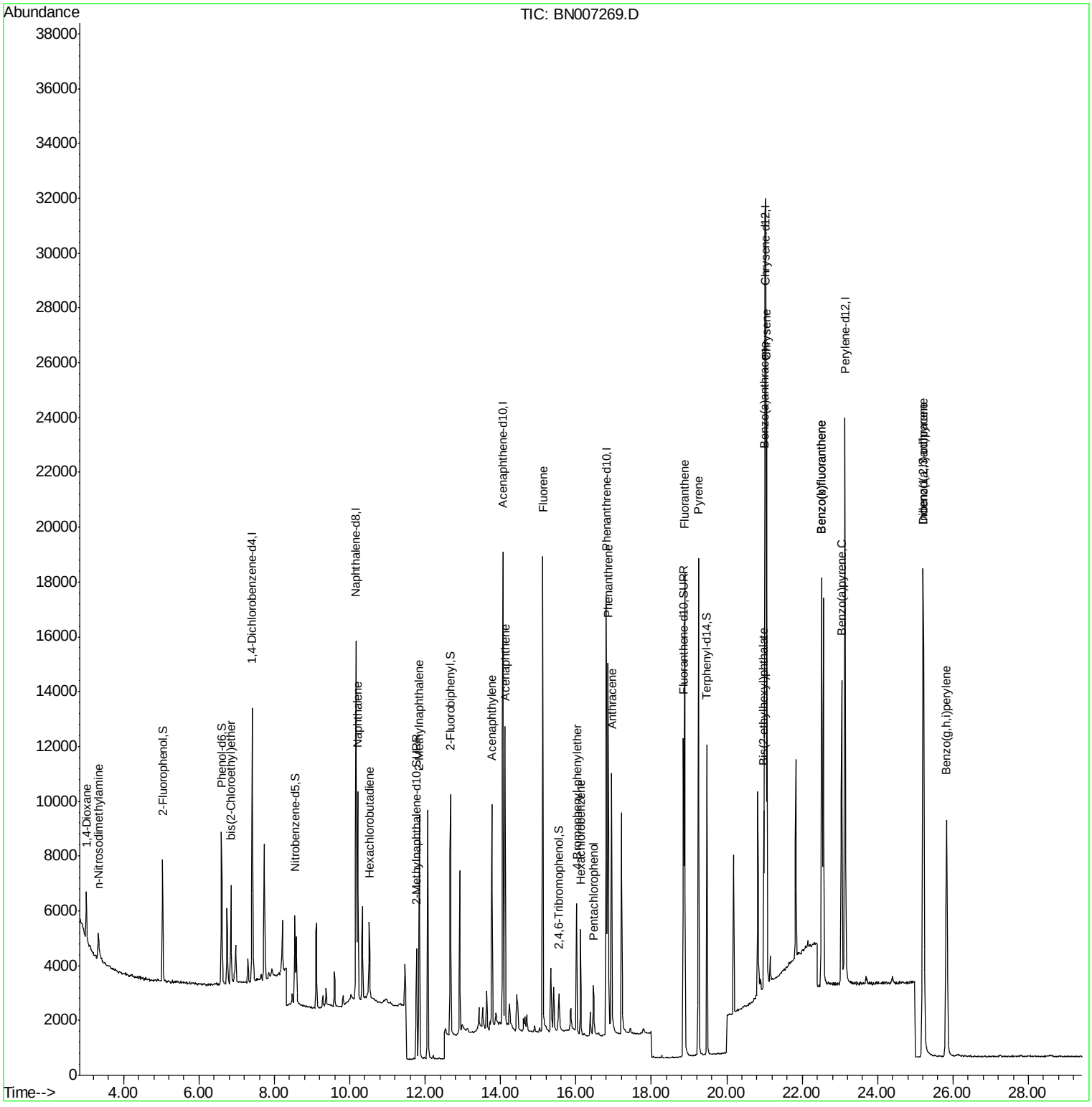
(#) = qualifier out of range (m) = manual integration (+) = signals summed

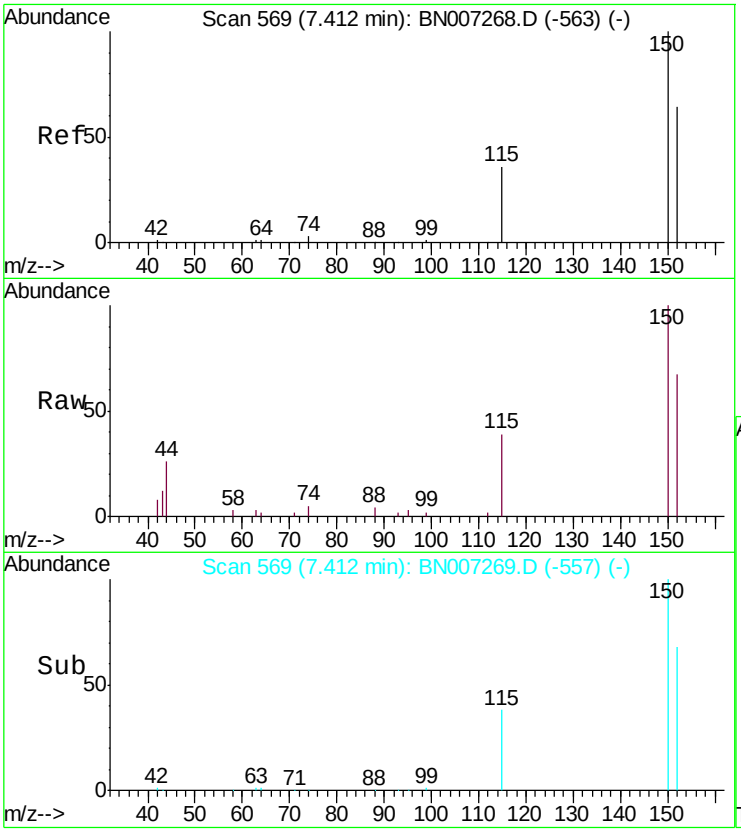
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN082019\
Data File : BN007269.D
Acq On : 20 Aug 2019 17:50
Operator : HP/JU
Sample : SSTDICC0.2
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Quant Time: Aug 20 18:26:01 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



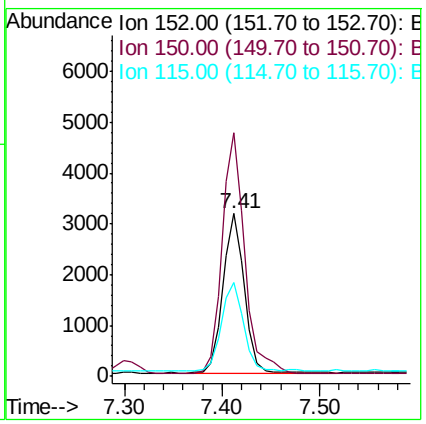


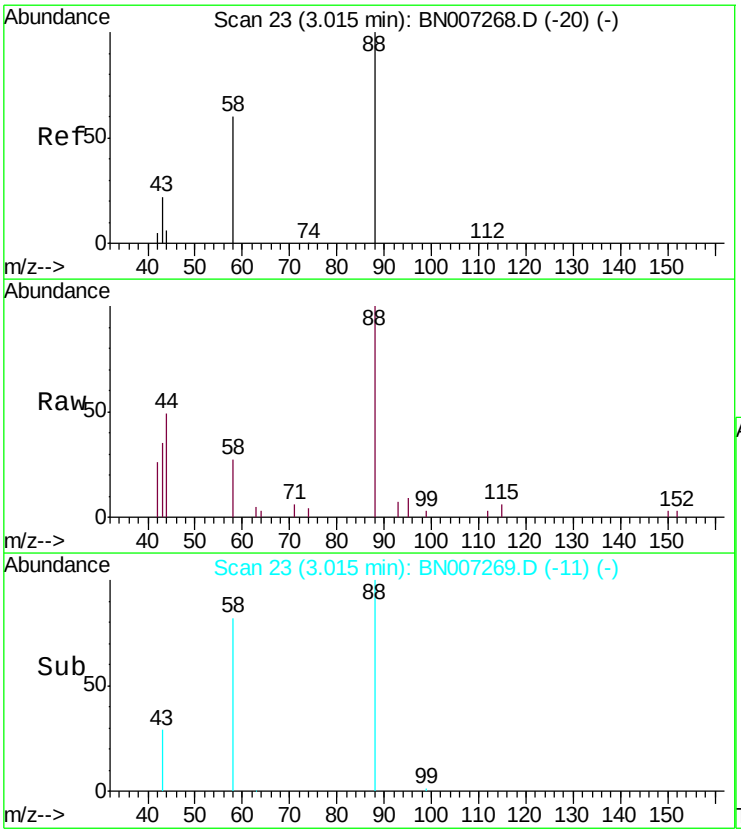
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.41 min Scan# 569
Delta R.T. 0.00 min
Lab File: BN007269.D
Acq: 20 Aug 2019 17:50

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:152 Resp: 4757

Ion	Ratio	Lower	Upper
152	100		
150	150.0	123.8	185.8
115	58.0	47.3	70.9

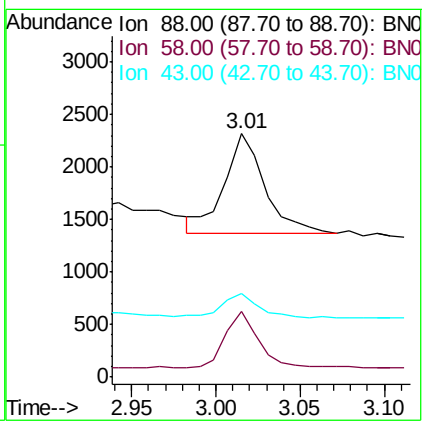


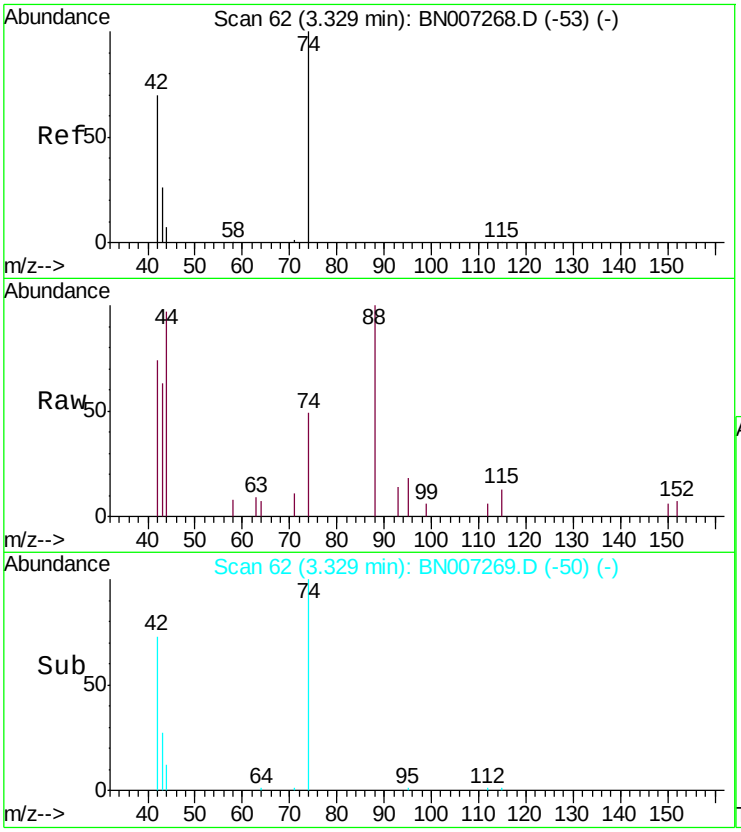


#2
1,4-Dioxane
Concen: 0.203 ng
RT: 3.01 min Scan# 23
Delta R.T. -0.00 min
Lab File: BN007269.D
Acq: 20 Aug 2019 17:50

Tgt Ion: 88 Resp: 1587

Ion	Ratio	Lower	Upper
88	100		
58	47.3	45.5	68.3
43	24.5	20.4	30.6



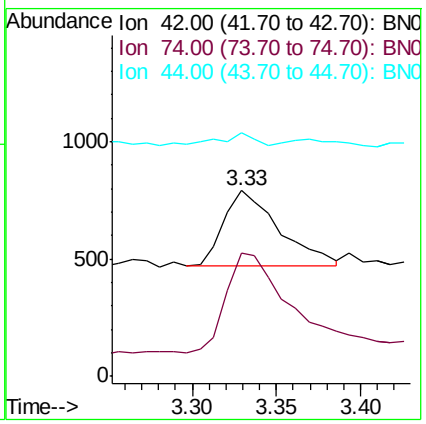


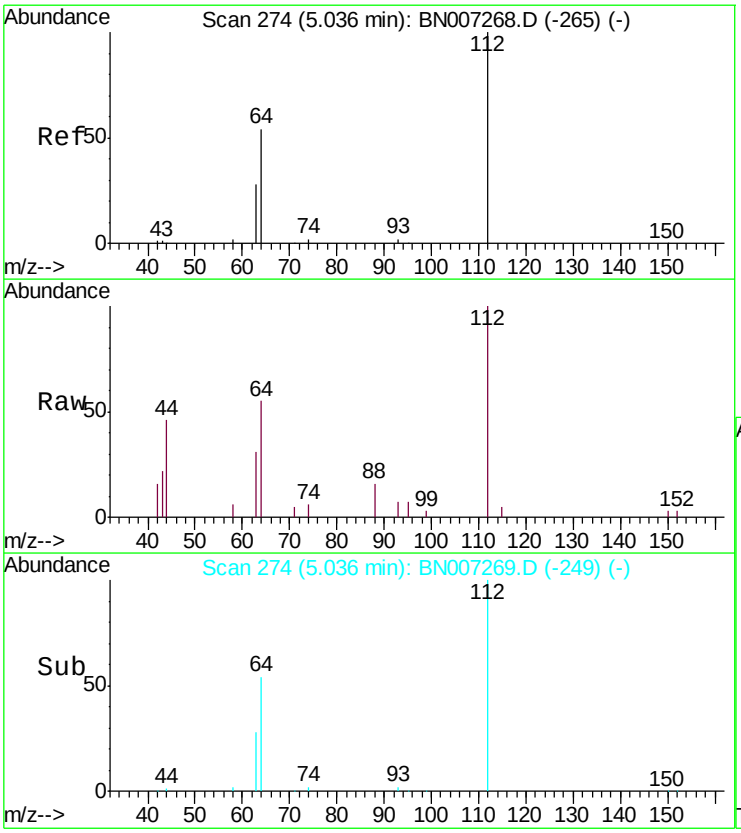
#3
n-Nitrosodimethylamine
Concen: 0.119 ng
RT: 3.33 min Scan# 62
Delta R.T. -0.00 min
Lab File: BN007269.D
Acq: 20 Aug 2019 17:50

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion: 42 Resp: 724

Ion	Ratio	Lower	Upper
42	100		
74	157.9	109.0	163.4
44	11.0	4.2	6.2#

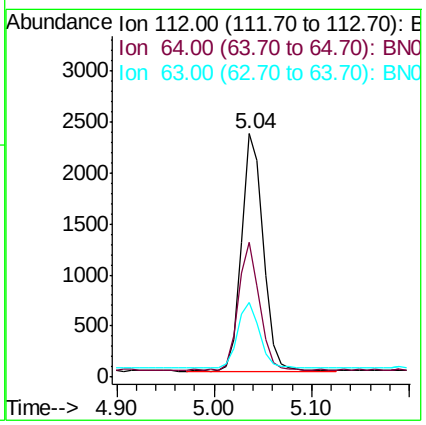


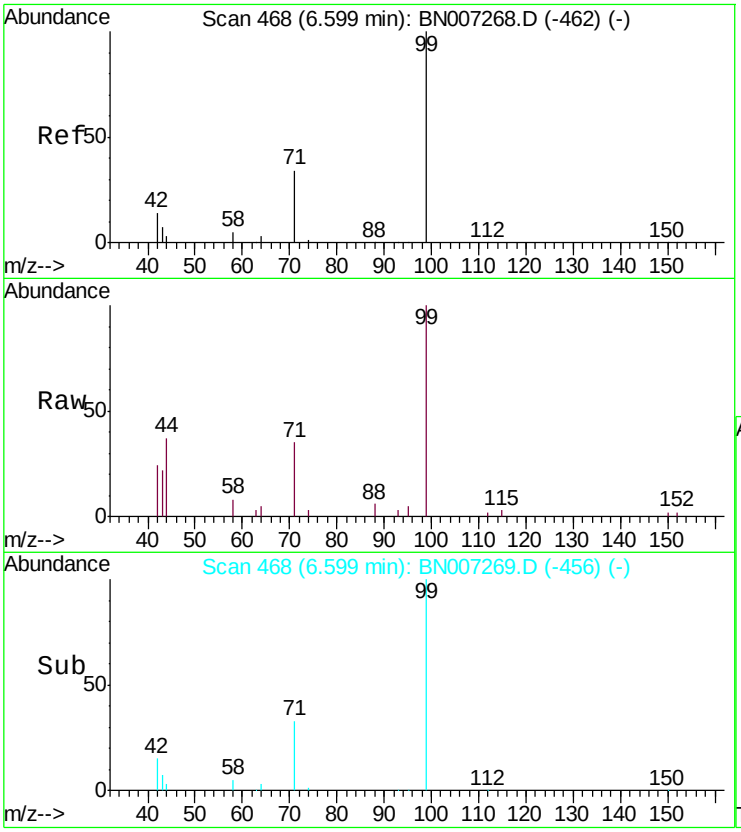


#4
2-Fluorophenol
Concen: 0.336 ng
RT: 5.04 min Scan# 274
Delta R.T. -0.00 min
Lab File: BN007269.D
Acq: 20 Aug 2019 17:50

Tgt Ion:112 Resp: 3550

Ion	Ratio	Lower	Upper
112	100		
64	52.7	41.8	62.8
63	28.3	22.6	34.0



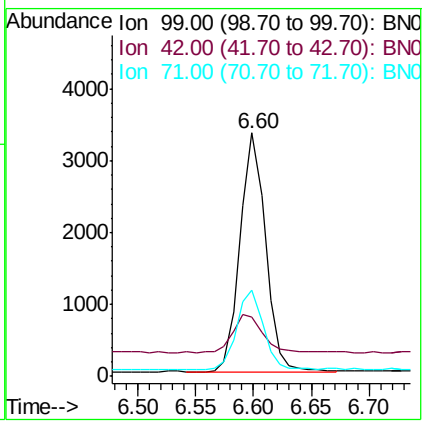


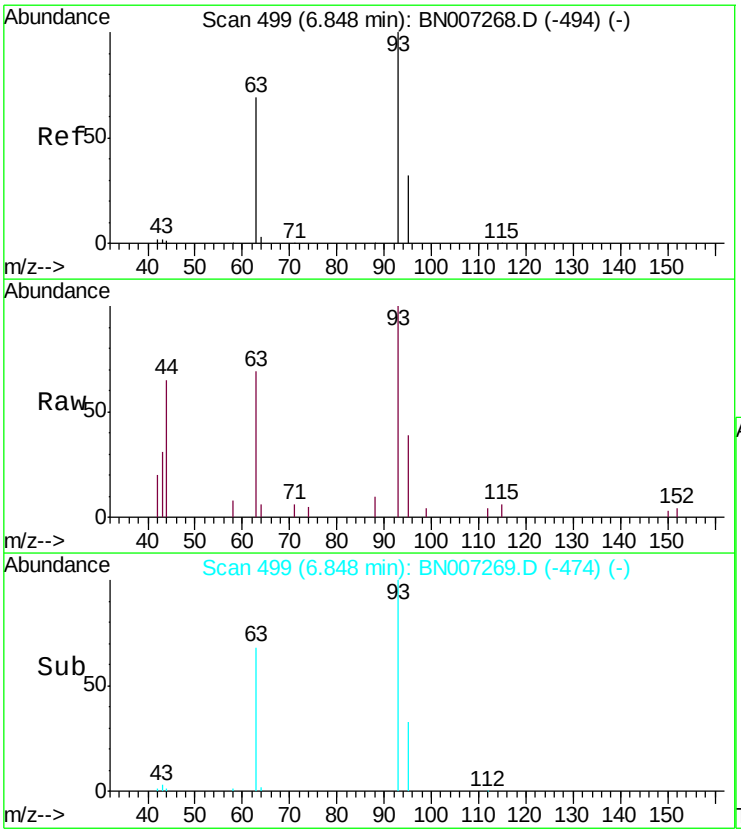
#5
Phenol-d6
Concen: 0.352 ng
RT: 6.60 min Scan# 468
Delta R.T. -0.00 min
Lab File: BN007269.D
Acq: 20 Aug 2019 17:50

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion: 99 Resp: 5119

Ion	Ratio	Lower	Upper
99	100		
42	19.1	14.3	21.5
71	34.0	27.3	40.9

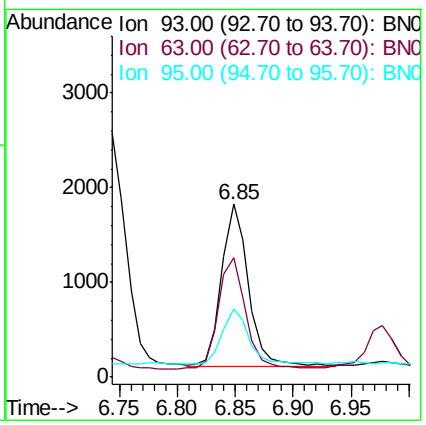


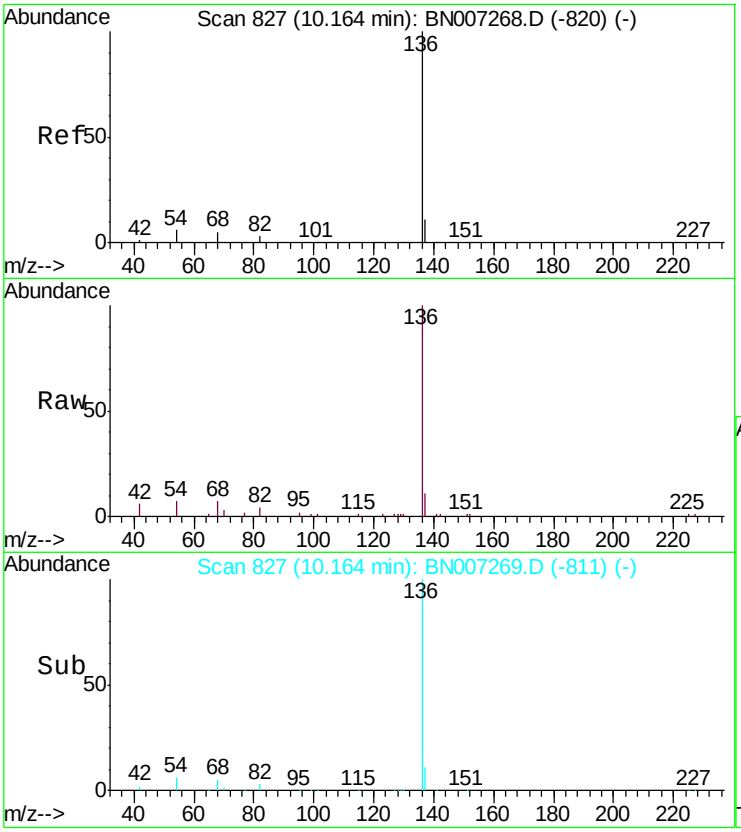


#6
bis(2-Chloroethyl)ether
Concen: 0.170 ng
RT: 6.85 min Scan# 499
Delta R.T. -0.00 min
Lab File: BN007269.D
Acq: 20 Aug 2019 17:50

Tgt Ion: 93 Resp: 2751

Ion	Ratio	Lower	Upper
93	100		
63	69.1	54.4	81.6
95	33.5	25.5	38.3



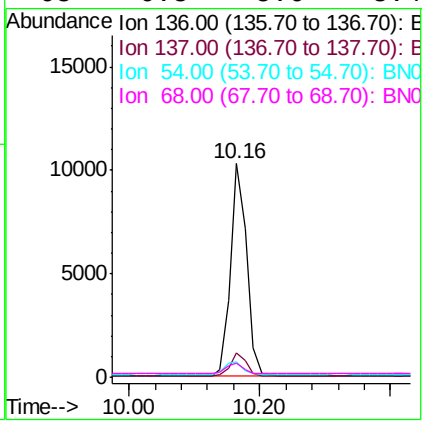


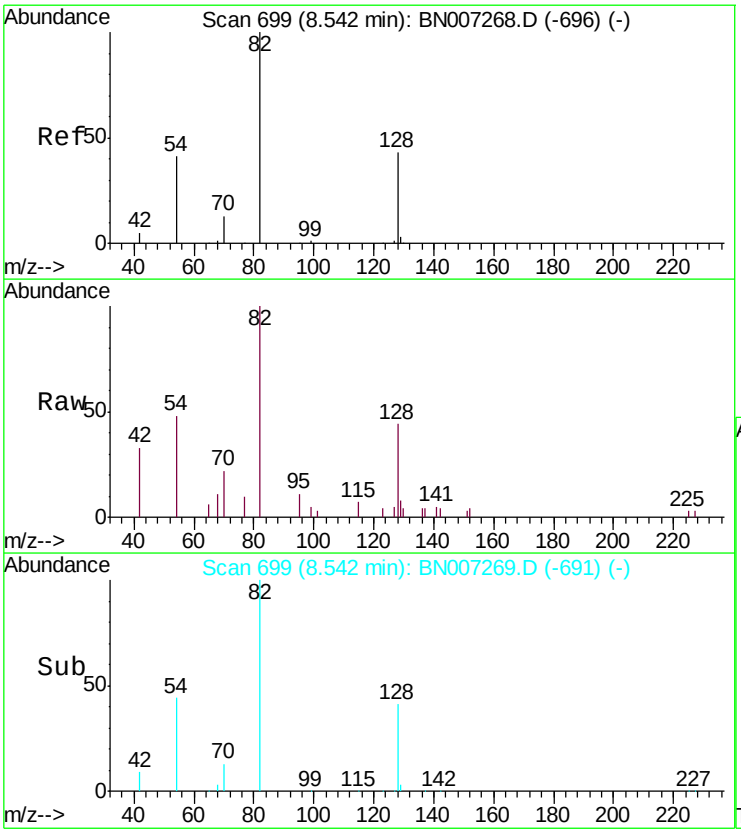
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.16 min Scan# 827
Delta R.T. -0.00 min
Lab File: BN007269.D
Acq: 20 Aug 2019 17:50

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:136 Resp: 17565

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.1	13.7
54	7.1	5.9	8.9
68	6.8	5.6	8.4

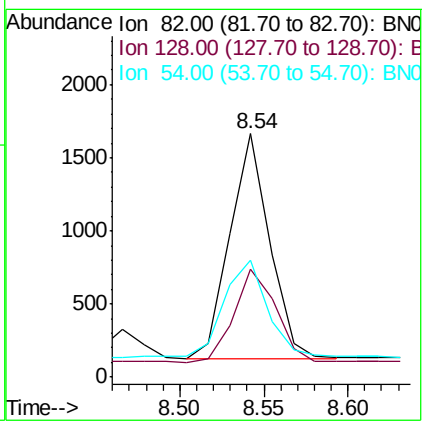


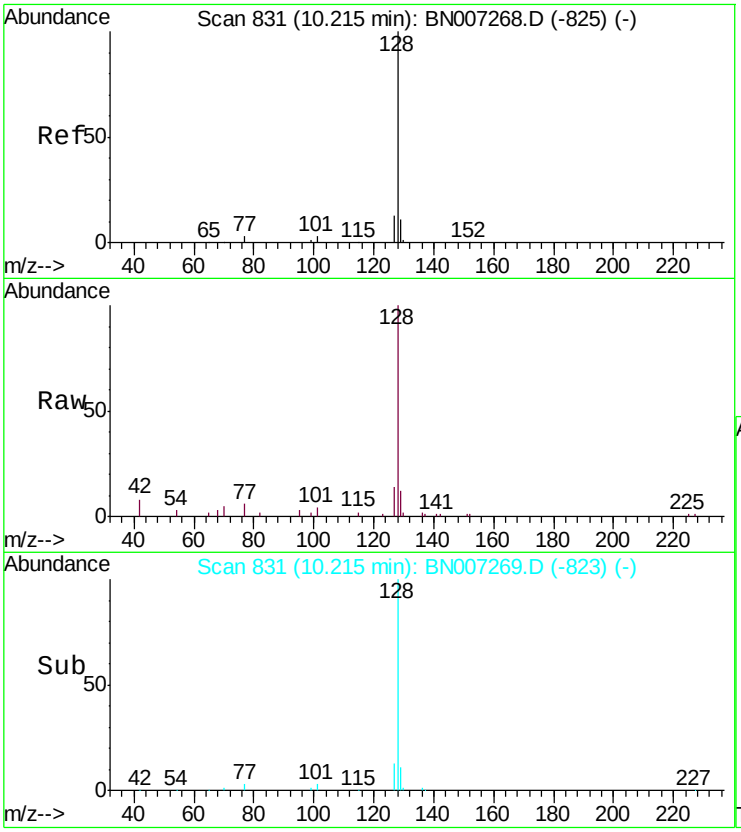


#8
Nitrobenzene-d5
Concen: 0.211 ng
RT: 8.54 min Scan# 699
Delta R.T. -0.00 min
Lab File: BN007269.D
Acq: 20 Aug 2019 17:50

Tgt Ion: 82 Resp: 2528

Ion	Ratio	Lower	Upper
82	100		
128	44.4	35.8	53.6
54	48.0	34.7	52.1



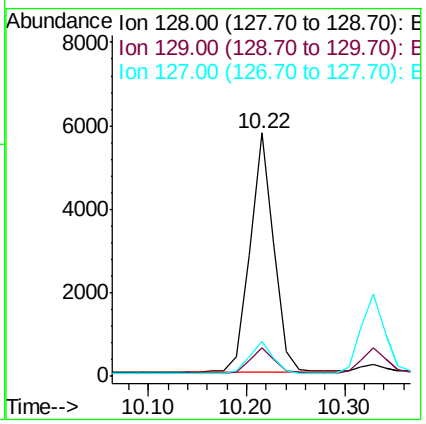


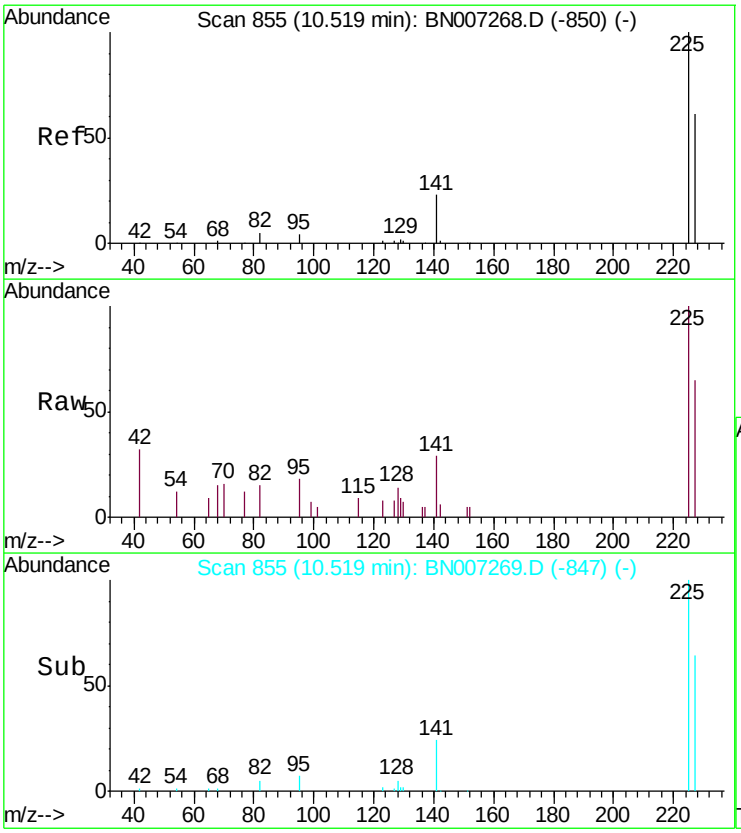
#9
Naphthalene
Concen: 0.203 ng
RT: 10.22 min Scan# 831
Delta R.T. -0.00 min
Lab File: BN007269.D
Acq: 20 Aug 2019 17:50

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:128 Resp: 9563

Ion	Ratio	Lower	Upper
128	100		
129	11.9	9.1	13.7
127	14.2	10.6	16.0

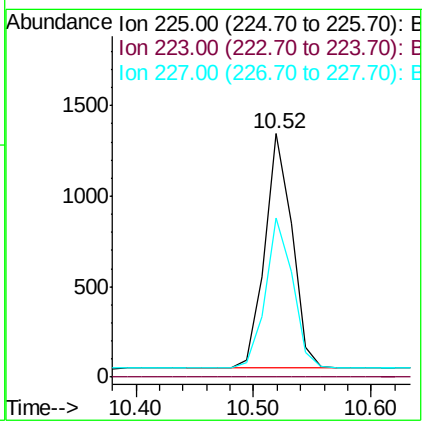


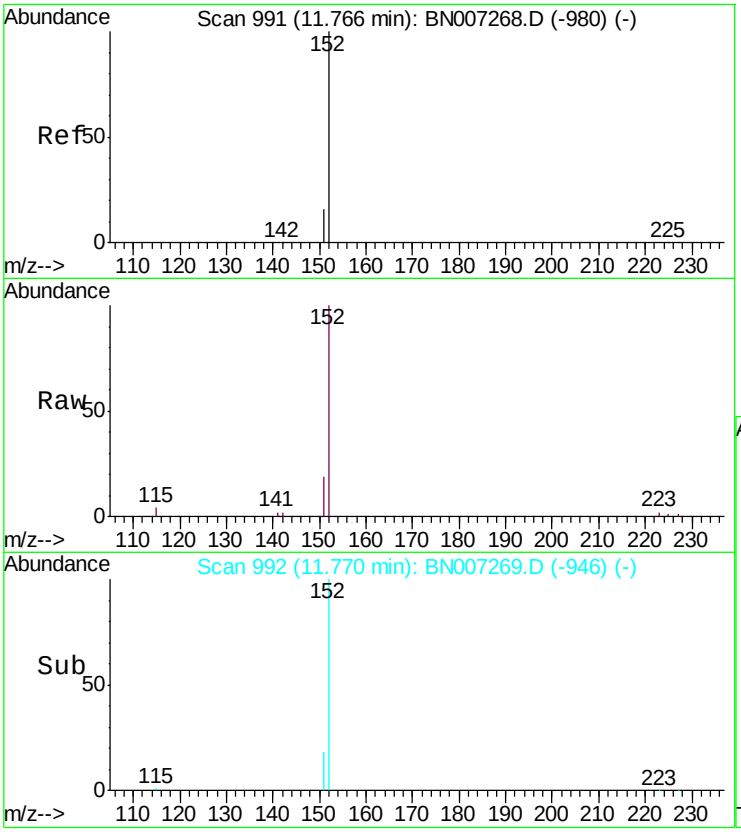


#10
Hexachlorobutadiene
Concen: 0.207 ng
RT: 10.52 min Scan# 855
Delta R.T. -0.00 min
Lab File: BN007269.D
Acq: 20 Aug 2019 17:50

Tgt Ion:225 Resp: 2116

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.8	50.2	75.2



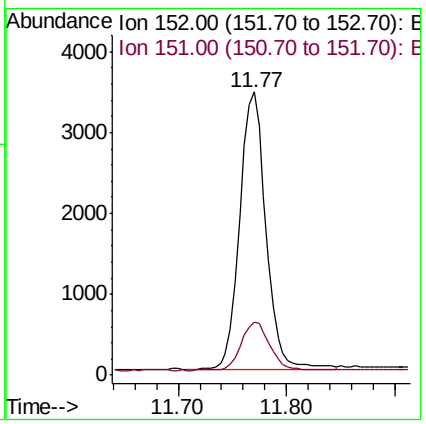


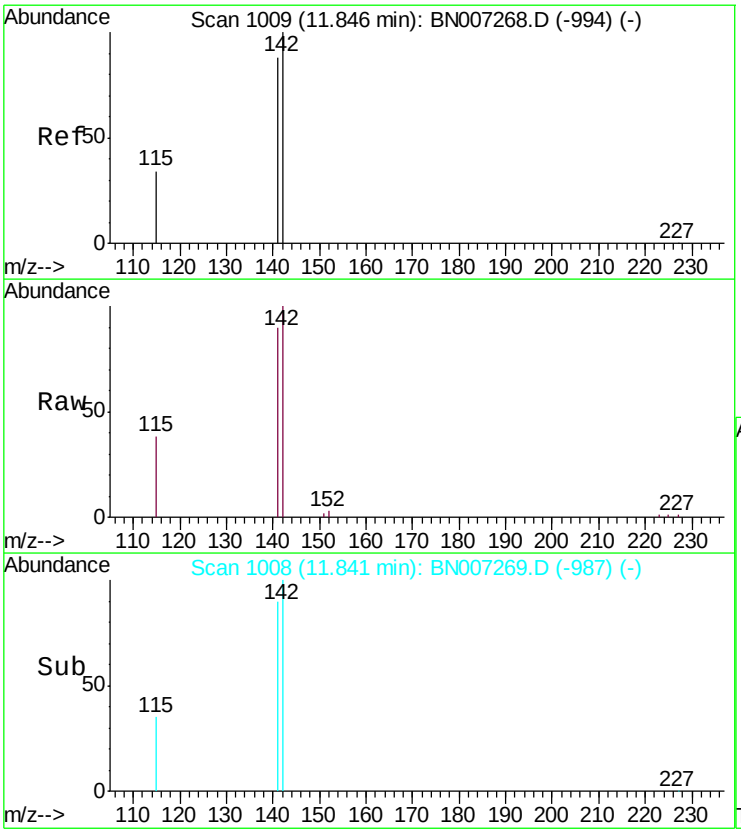
#11
2-Methylnaphthalene-d10
Concen: 0.221 ng
RT: 11.77 min Scan# 992
Delta R.T. 0.00 min
Lab File: BN007269.D
Acq: 20 Aug 2019 17:50

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:152 Resp: 5799

Ion	Ratio	Lower	Upper
152	100		
151	18.7	15.2	22.8

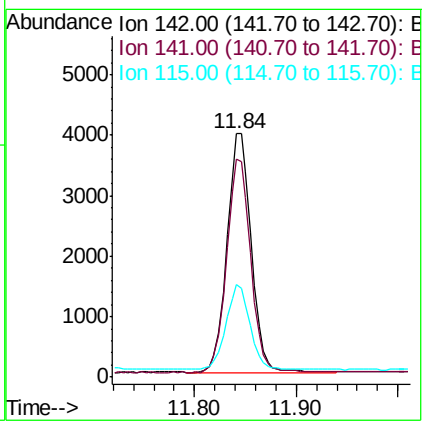


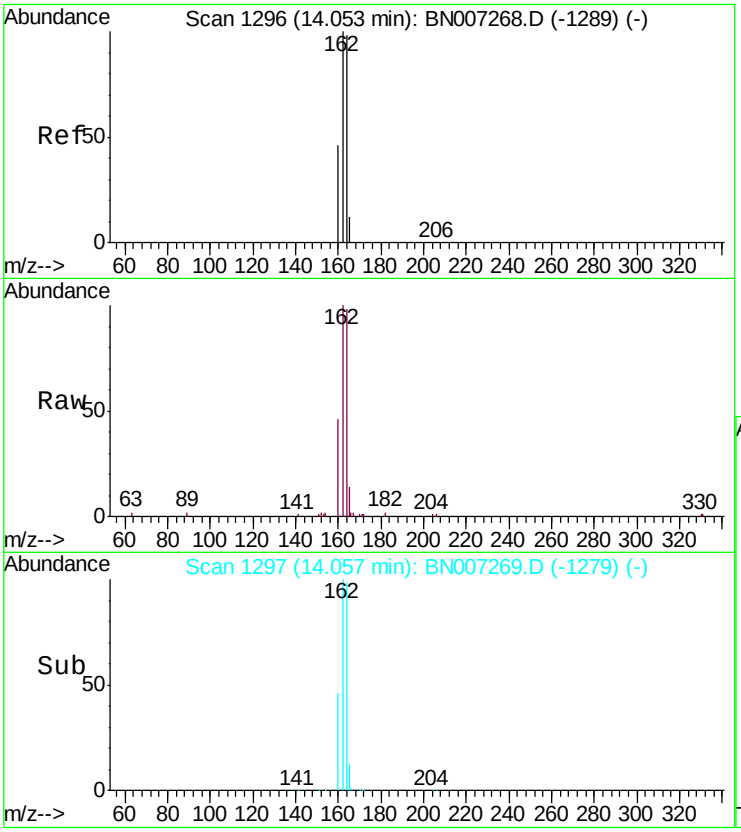


#12
2-Methylnaphthalene
Concen: 0.218 ng
RT: 11.84 min Scan# 1008
Delta R.T. -0.00 min
Lab File: BN007269.D
Acq: 20 Aug 2019 17:50

Tgt Ion:142 Resp: 6546

Ion	Ratio	Lower	Upper
142	100		
141	89.7	70.7	106.1
115	38.2	28.1	42.1



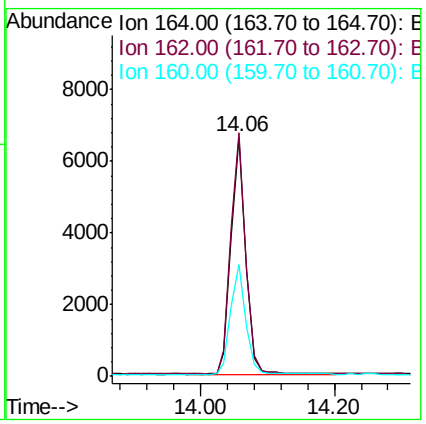


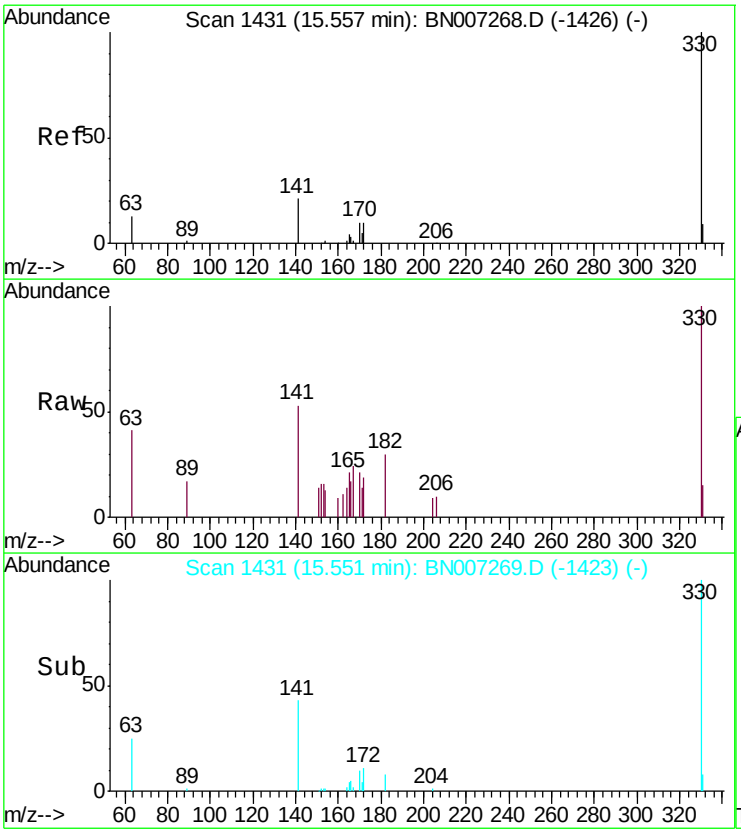
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.06 min Scan# 1297
Delta R.T. 0.00 min
Lab File: BN007269.D
Acq: 20 Aug 2019 17:50

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:164 Resp: 9917

Ion	Ratio	Lower	Upper
164	100		
162	101.9	82.0	123.0
160	46.9	38.2	57.4

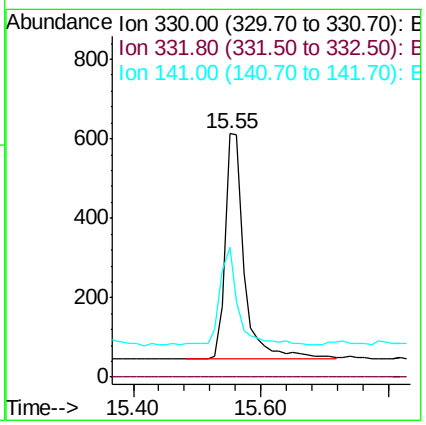


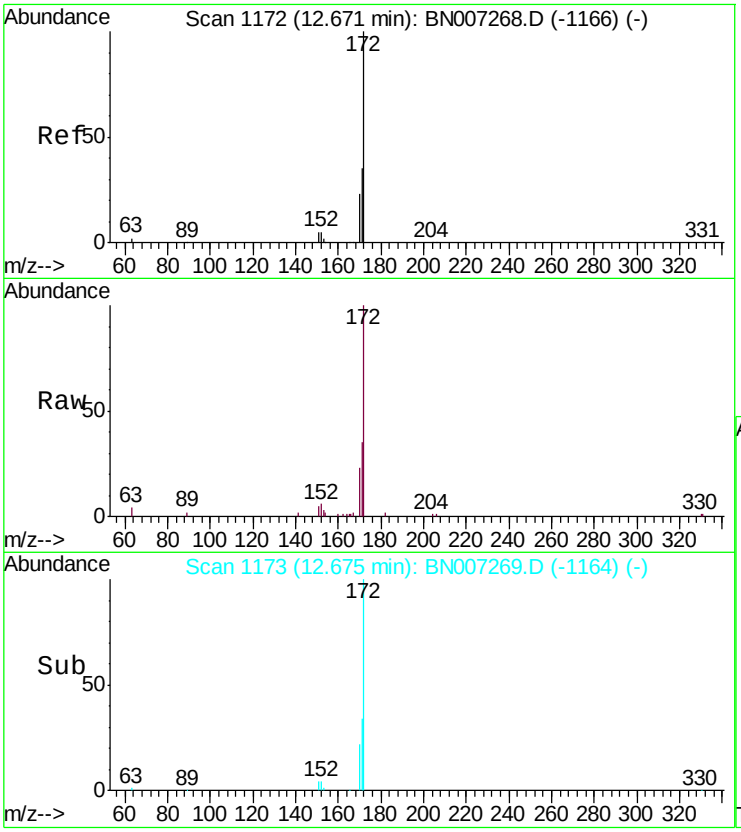


#14
2,4,6-Tribromophenol
Concen: 0.256 ng
RT: 15.55 min Scan# 1431
Delta R.T. -0.01 min
Lab File: BN007269.D
Acq: 20 Aug 2019 17:50

Tgt Ion:330 Resp: 1183

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	40.3	30.3	45.5



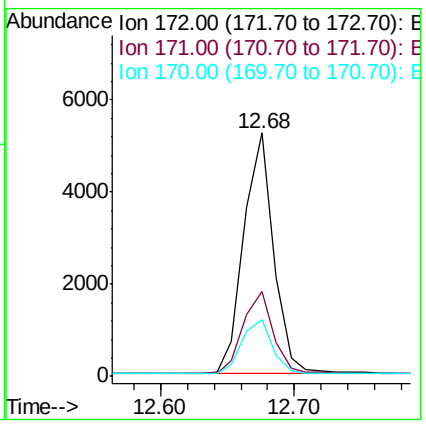


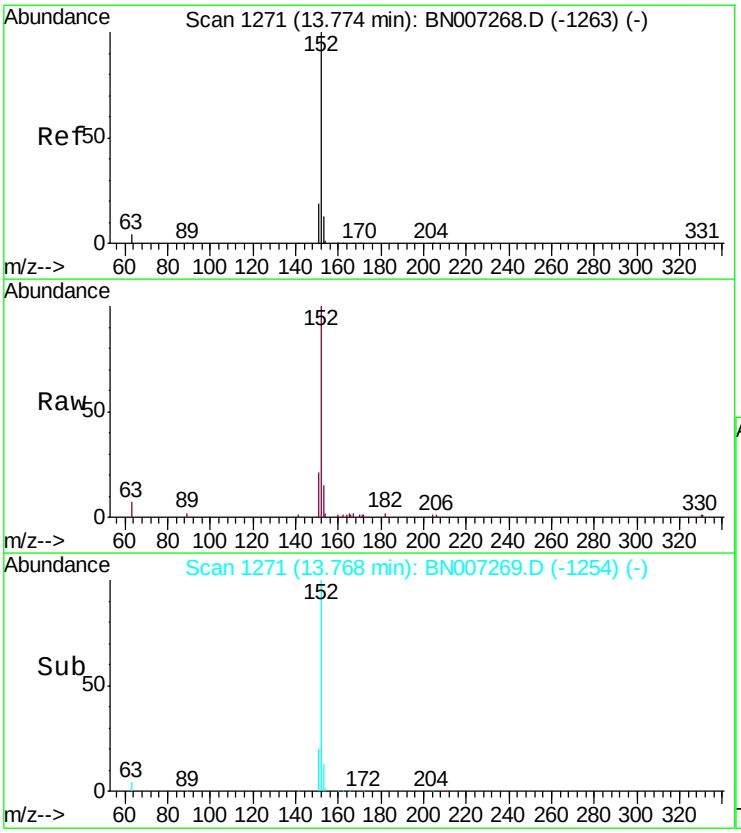
#15
2-Fluorobiphenyl
Concen: 0.222 ng
RT: 12.68 min Scan# 1173
Delta R.T. 0.00 min
Lab File: BN007269.D
Acq: 20 Aug 2019 17:50

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:172 Resp: 8195

Ion	Ratio	Lower	Upper
172	100		
171	35.0	28.6	43.0
170	23.1	18.7	28.1

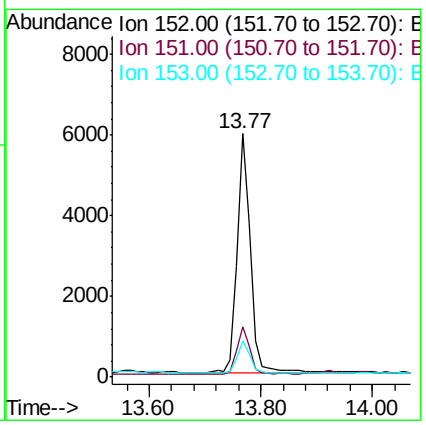


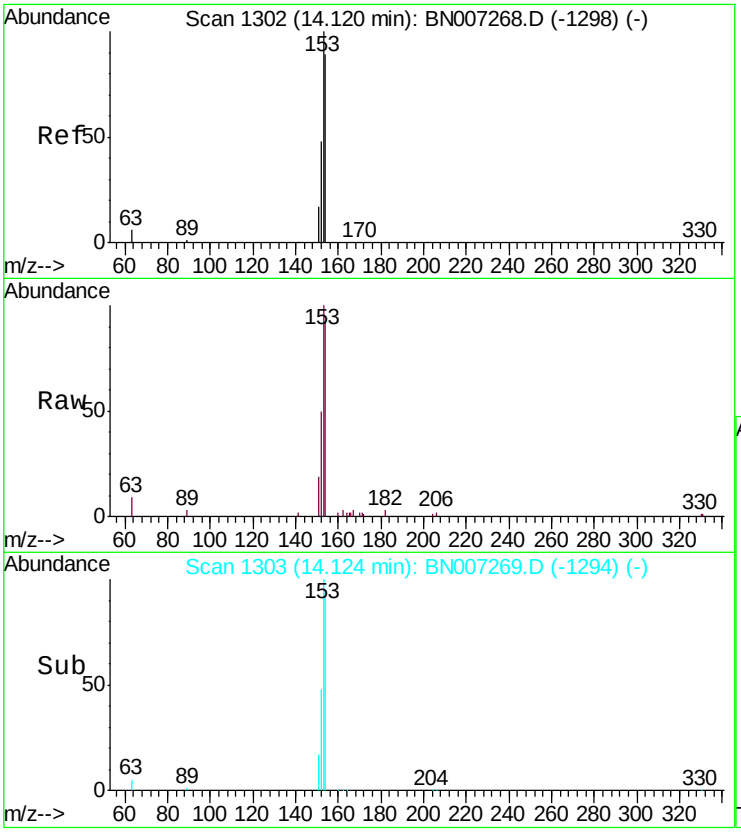


#16
Acenaphthylene
Concen: 0.202 ng
RT: 13.77 min Scan# 1271
Delta R.T. -0.01 min
Lab File: BN007269.D
Acq: 20 Aug 2019 17:50

Tgt Ion:152 Resp: 9453

Ion	Ratio	Lower	Upper
152	100		
151	19.9	15.4	23.2
153	13.3	10.1	15.1



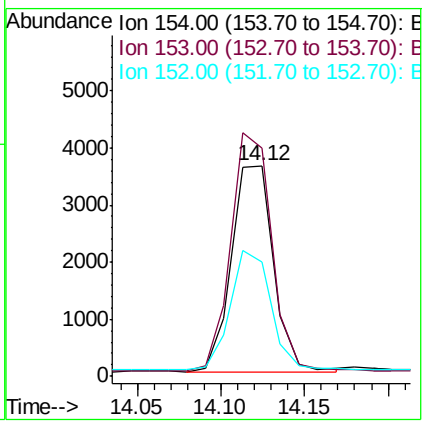


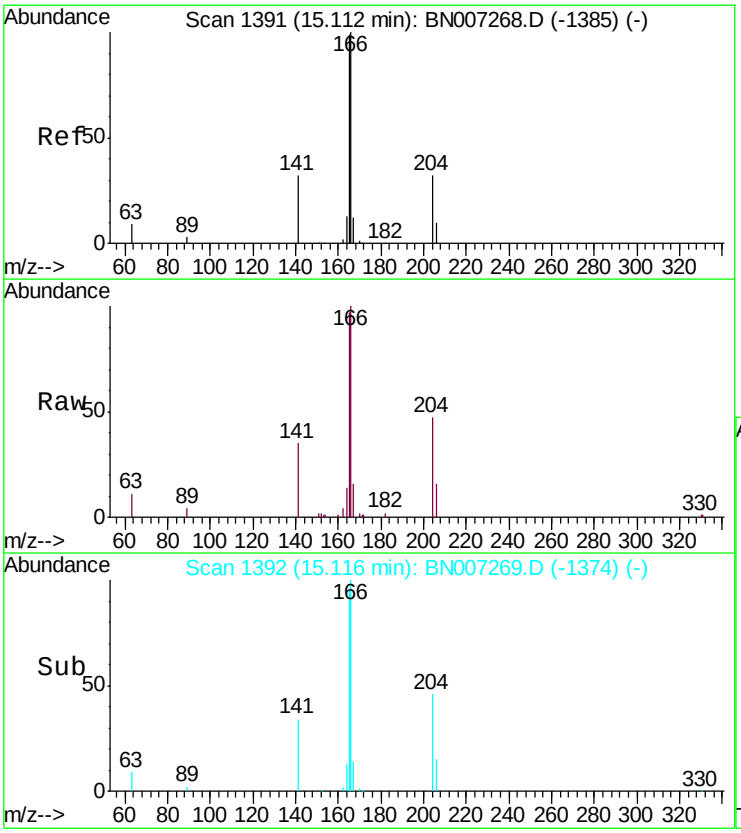
#17
Acenaphthene
Concen: 0.199 ng
RT: 14.12 min Scan# 1303
Delta R.T. 0.00 min
Lab File: BN007269.D
Acq: 20 Aug 2019 17:50

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:154 Resp: 6249

Ion	Ratio	Lower	Upper
154	100		
153	112.7	89.9	134.9
152	55.8	43.9	65.9

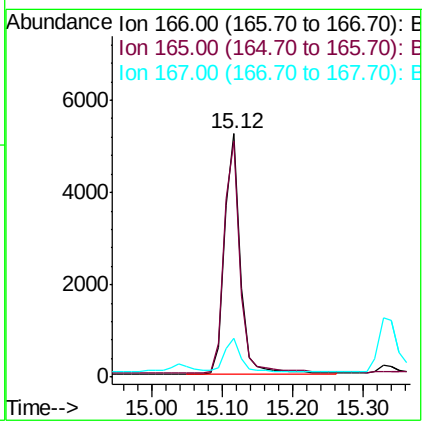


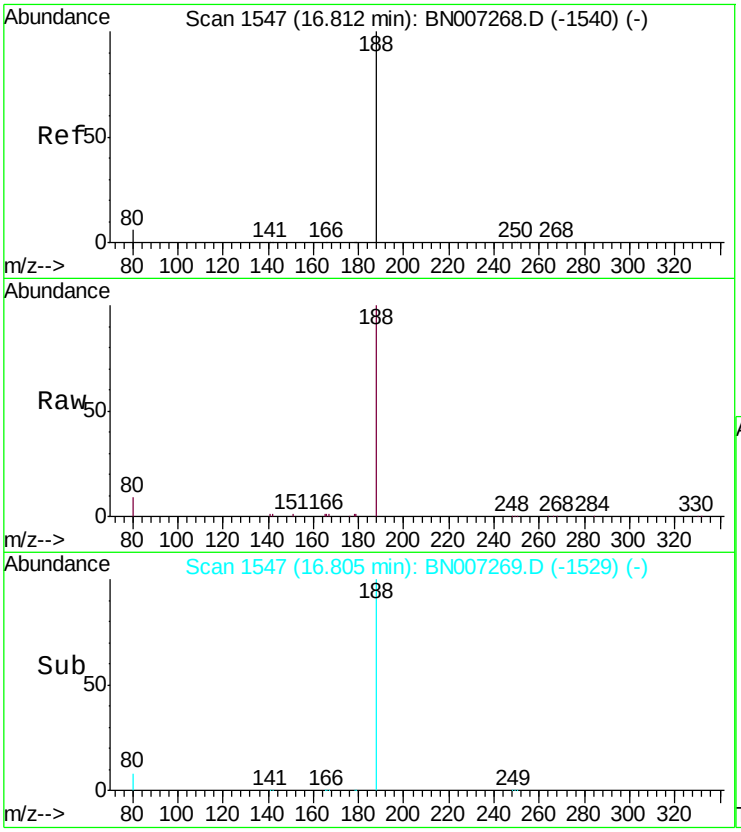


#18
Fluorene
Concen: 0.213 ng
RT: 15.12 min Scan# 1392
Delta R.T. 0.00 min
Lab File: BN007269.D
Acq: 20 Aug 2019 17:50

Tgt Ion:166 Resp: 8283

Ion	Ratio	Lower	Upper
166	100		
165	98.1	78.3	117.5
167	13.8	11.1	16.7



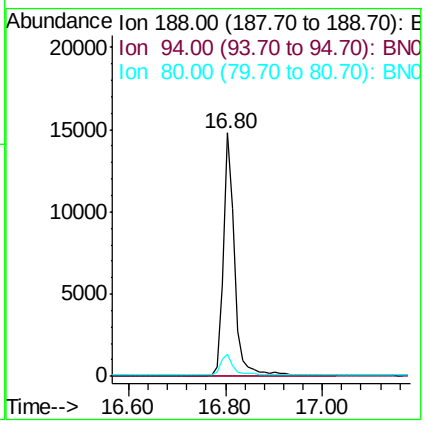


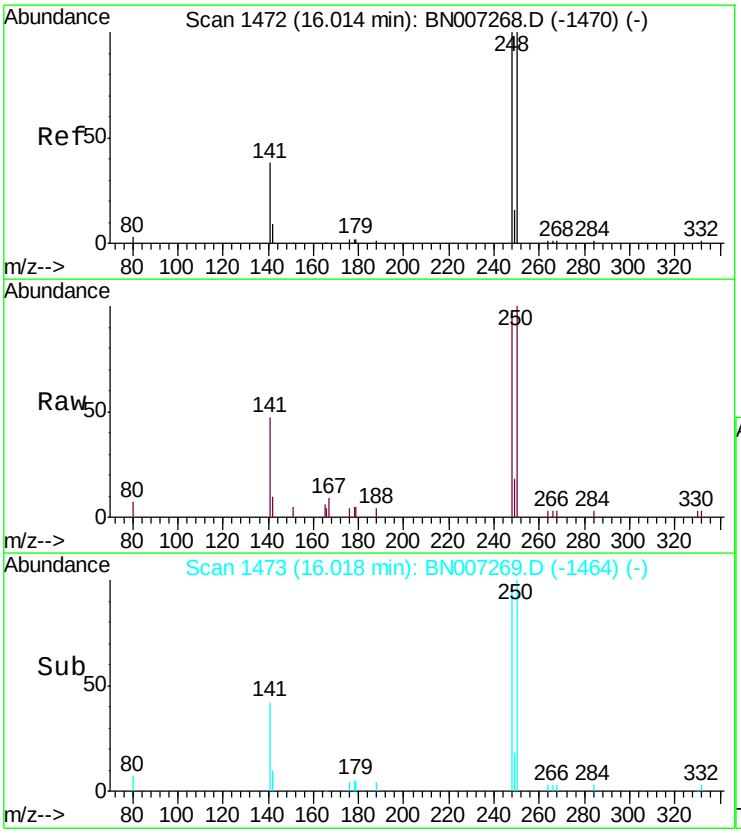
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.80 min Scan# 1547
Delta R.T. -0.01 min
Lab File: BN007269.D
Acq: 20 Aug 2019 17:50

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:188 Resp: 23479

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	9.0	5.2	7.8#

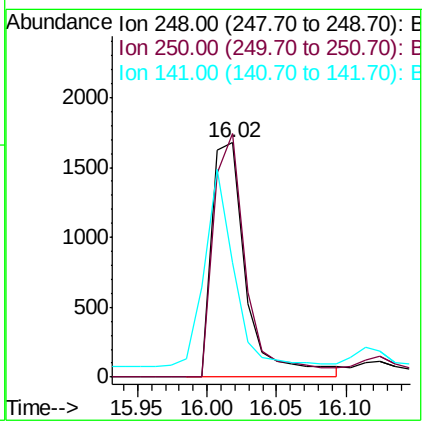


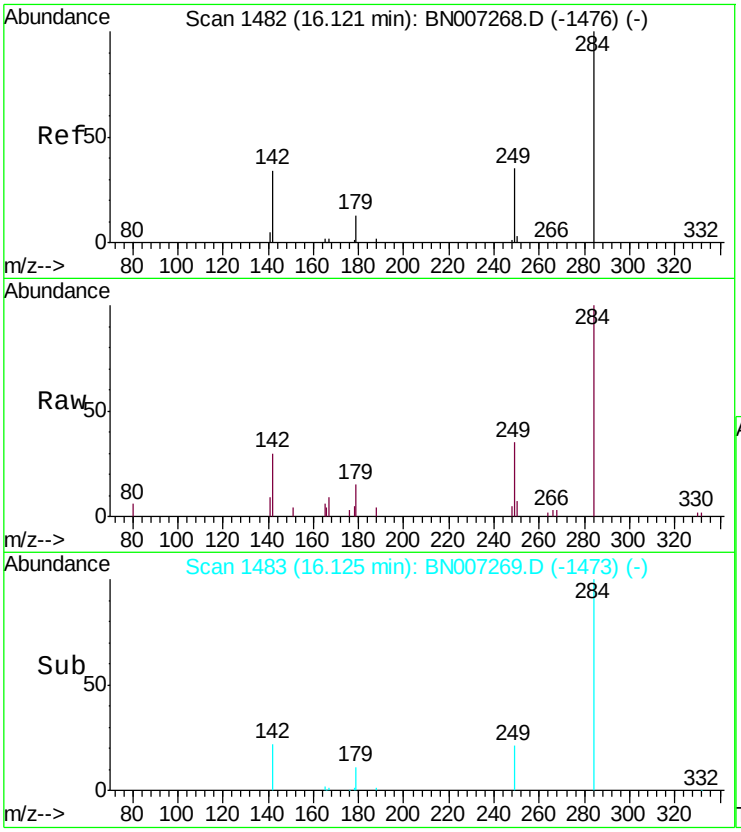


#20
4-Bromophenyl-phenylether
Concen: 0.215 ng
RT: 16.02 min Scan# 1473
Delta R.T. 0.00 min
Lab File: BN007269.D
Acq: 20 Aug 2019 17:50

Tgt Ion:248 Resp: 2861

Ion	Ratio	Lower	Upper
248	100		
250	103.8	79.6	119.4
141	48.9	45.1	67.7



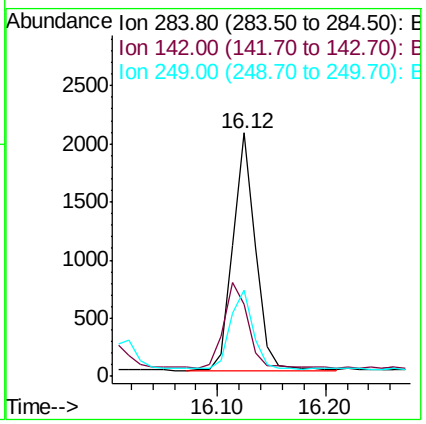


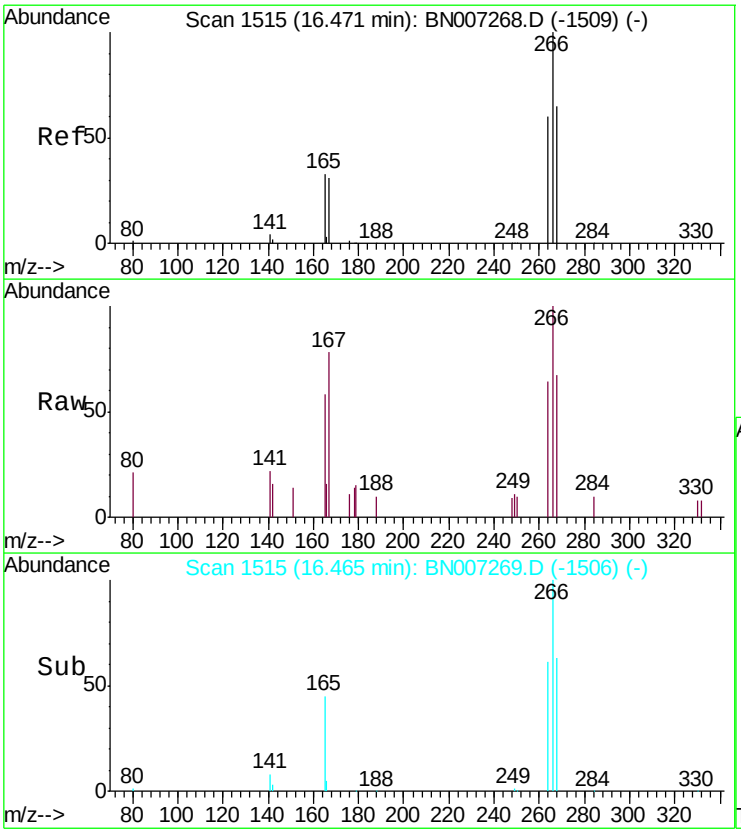
#21
Hexachlorobenzene
Concen: 0.171 ng
RT: 16.12 min Scan# 1483
Delta R.T. 0.00 min
Lab File: BN007269.D
Acq: 20 Aug 2019 17:50

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:284 Resp: 2965

Ion	Ratio	Lower	Upper
284	100		
142	39.3	29.5	44.3
249	33.2	26.2	39.4

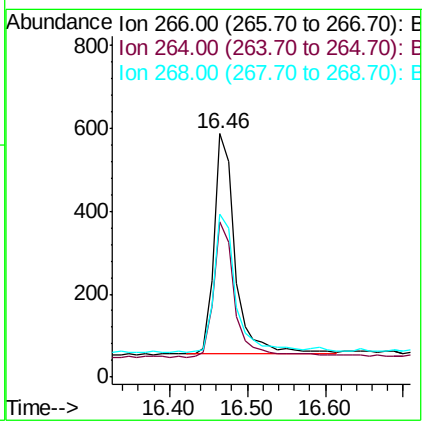


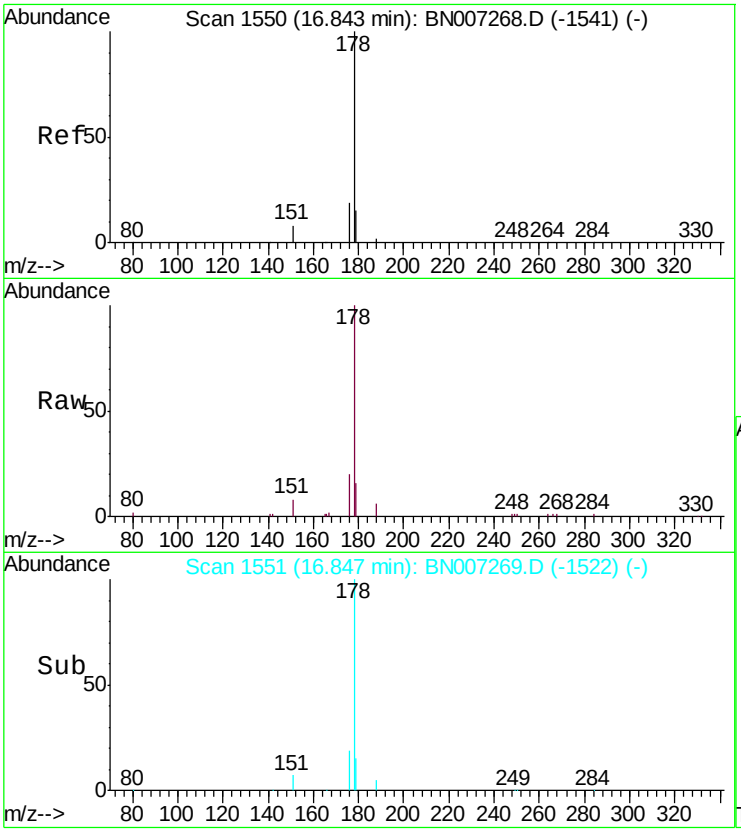


#22
Pentachlorophenol
Concen: 0.446 ng
RT: 16.46 min Scan# 1515
Delta R.T. -0.01 min
Lab File: BN007269.D
Acq: 20 Aug 2019 17:50

Tgt Ion:266 Resp: 1017

Ion	Ratio	Lower	Upper
266	100		
264	63.8	48.7	73.1
268	67.0	53.5	80.3



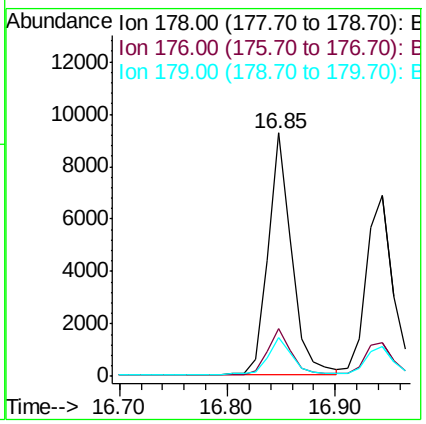


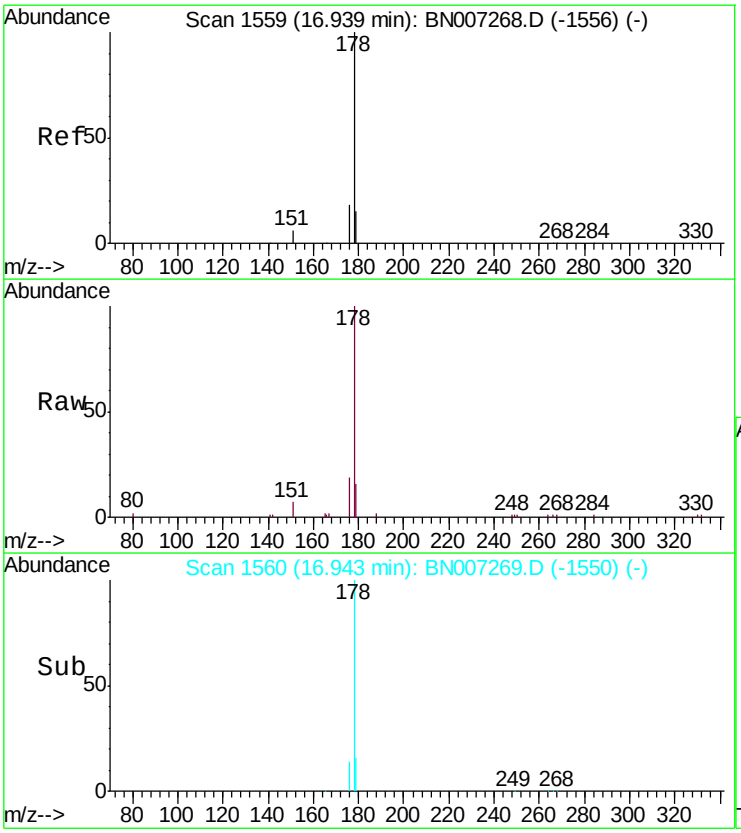
#23
Phenanthrene
Concen: 0.212 ng
RT: 16.85 min Scan# 1551
Delta R.T. 0.00 min
Lab File: BN007269.D
Acq: 20 Aug 2019 17:50

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:178 Resp: 13796

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.2	22.8
179	15.6	12.3	18.5

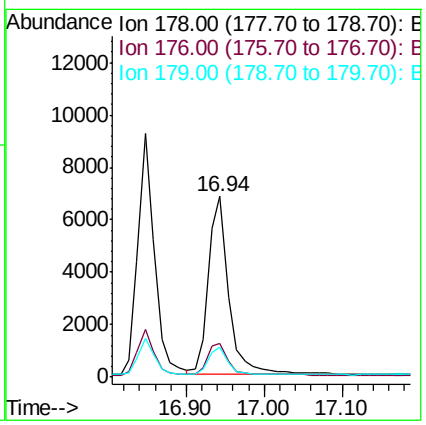


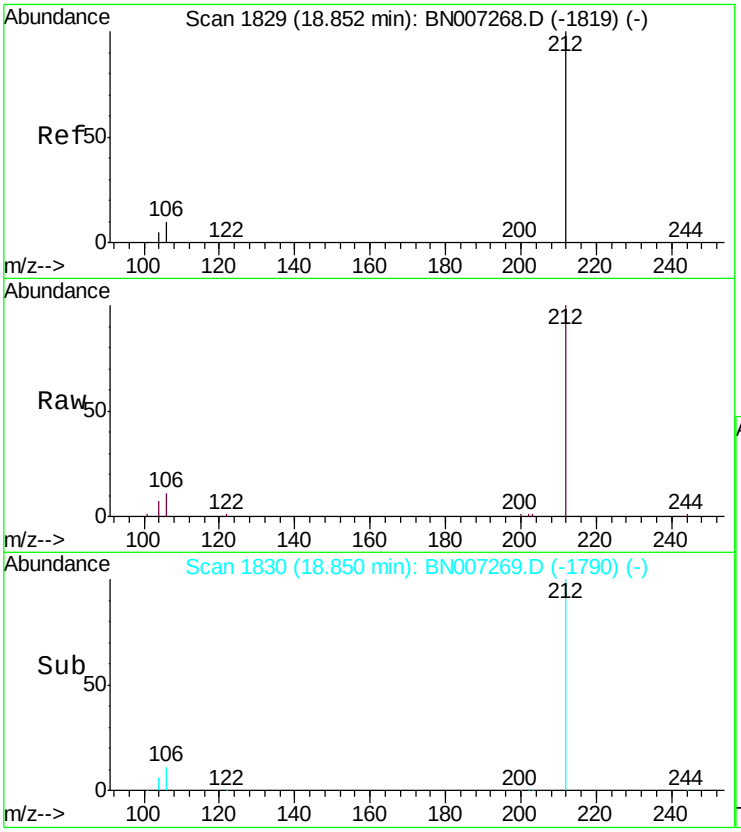


#24
Anthracene
Concen: 0.214 ng
RT: 16.94 min Scan# 1560
Delta R.T. 0.00 min
Lab File: BN007269.D
Acq: 20 Aug 2019 17:50

Tgt Ion:178 Resp: 12093

Ion	Ratio	Lower	Upper
178	100		
176	18.3	14.3	21.5
179	15.1	12.3	18.5



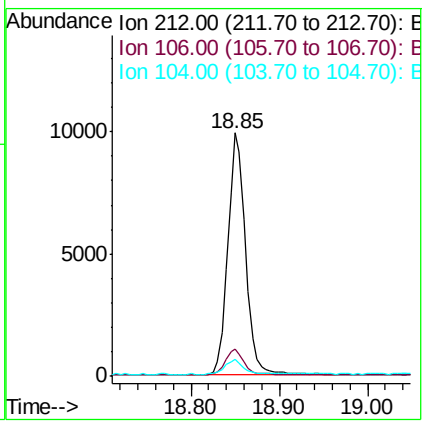


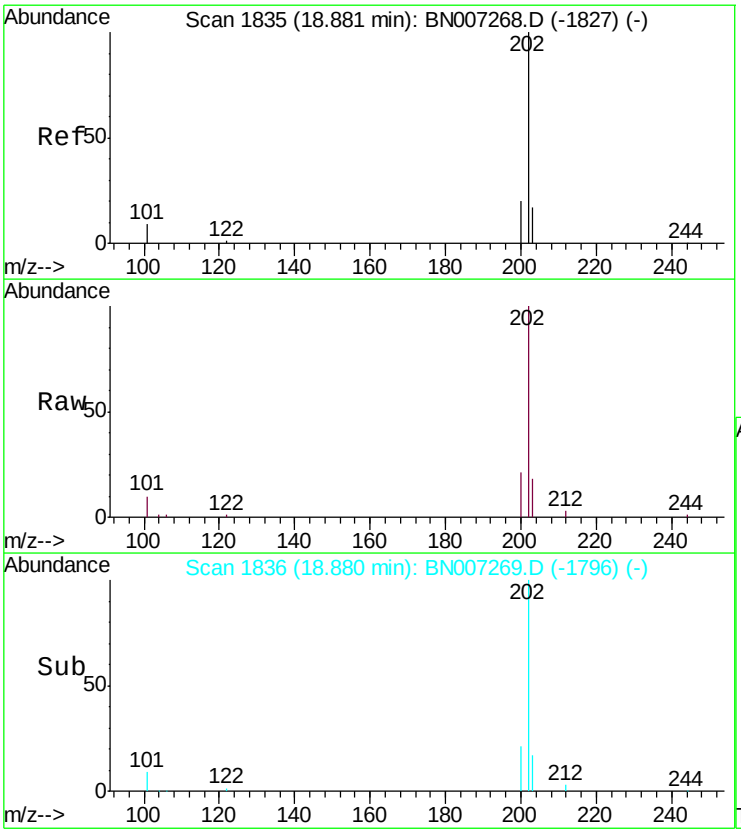
#25
Fluoranthene-d10
Concen: 0.196 ng
RT: 18.85 min Scan# 1830
Delta R.T. -0.00 min
Lab File: BN007269.D
Acq: 20 Aug 2019 17:50

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:212 Resp: 13918

Ion	Ratio	Lower	Upper
212	100		
106	10.7	8.2	12.4
104	5.9	4.7	7.1

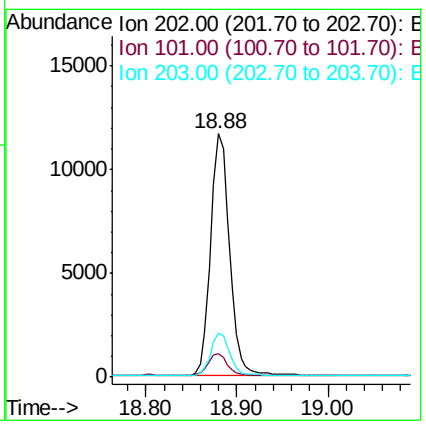


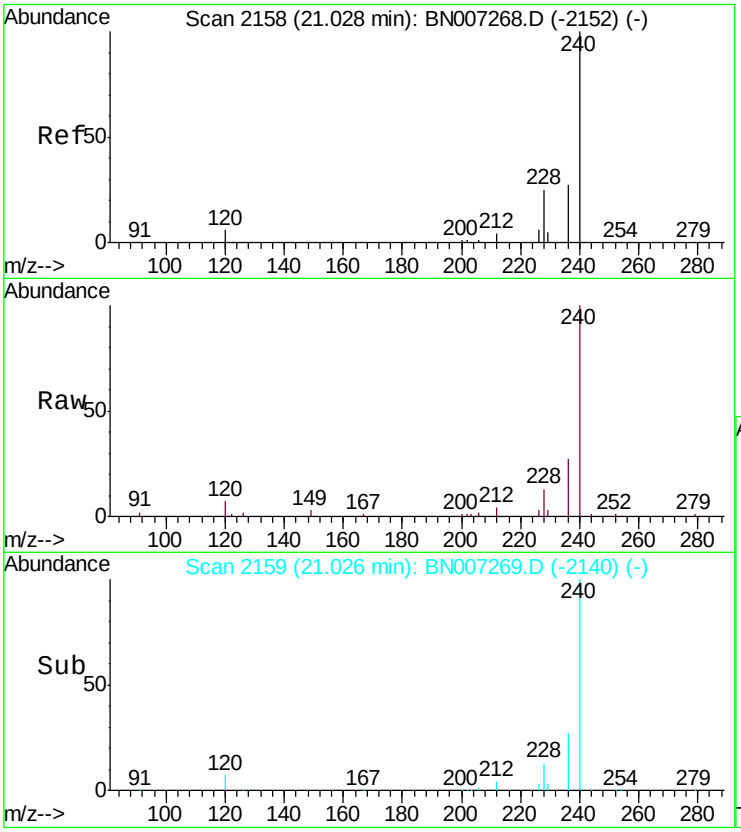


#26
Fluoranthene
Concen: 0.204 ng
RT: 18.88 min Scan# 1836
Delta R.T. -0.00 min
Lab File: BN007269.D
Acq: 20 Aug 2019 17:50

Tgt Ion:202 Resp: 16676

Ion	Ratio	Lower	Upper
202	100		
101	9.1	7.2	10.8
203	17.4	13.8	20.6



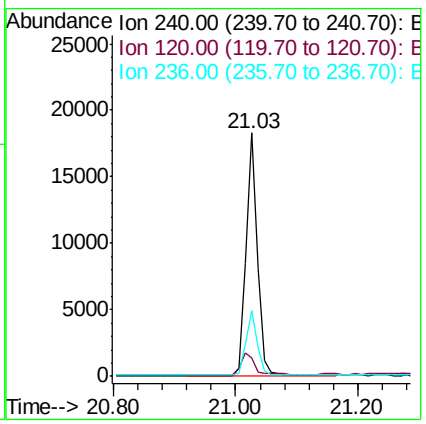


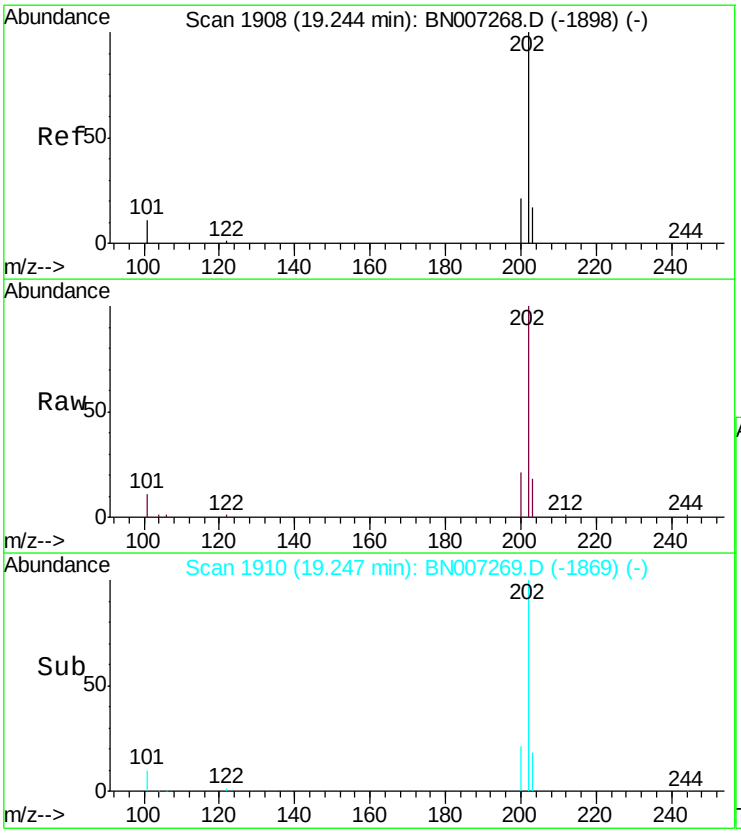
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.03 min Scan# 2159
Delta R.T. -0.00 min
Lab File: BN007269.D
Acq: 20 Aug 2019 17:50

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:240 Resp: 23778

Ion	Ratio	Lower	Upper
240	100		
120	7.4	5.6	8.4
236	26.9	21.6	32.4

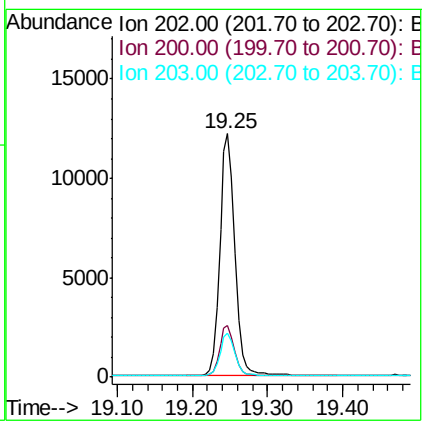


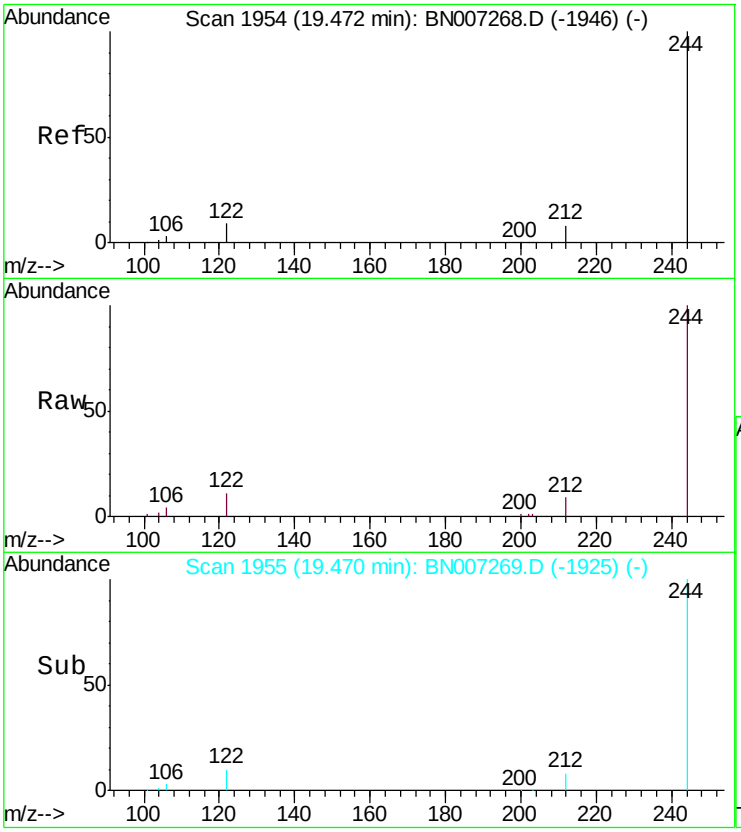


#28
Pyrene
Concen: 0.208 ng
RT: 19.25 min Scan# 1910
Delta R.T. 0.00 min
Lab File: BN007269.D
Acq: 20 Aug 2019 17:50

Tgt Ion:202 Resp: 17212

Ion	Ratio	Lower	Upper
202	100		
200	20.5	16.7	25.1
203	17.3	13.9	20.9



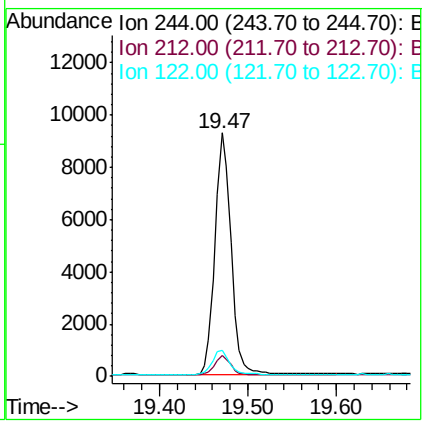


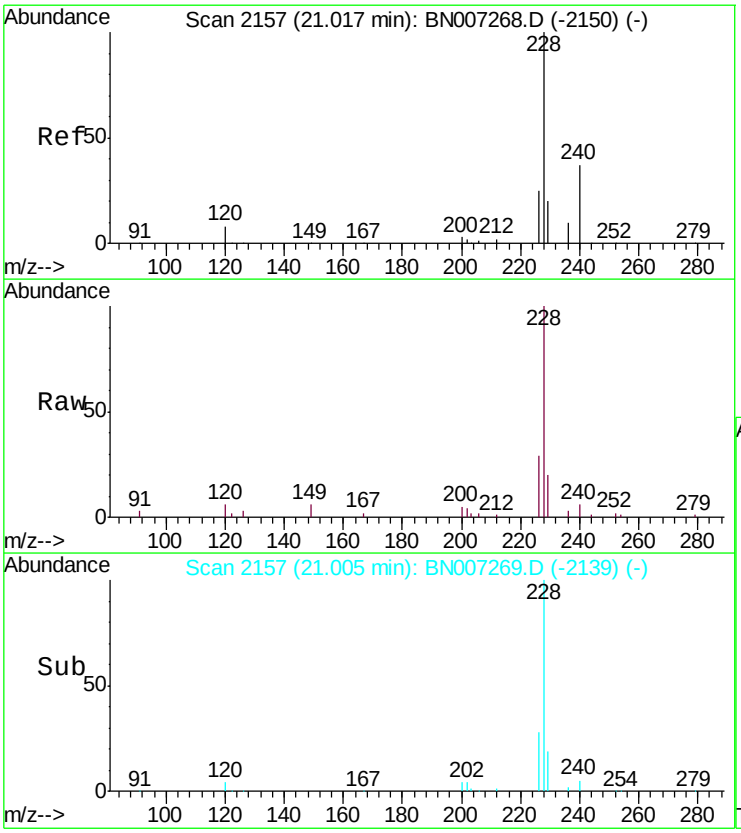
#29
Terphenyl-d14
Concen: 0.223 ng
RT: 19.47 min Scan# 1955
Delta R.T. -0.00 min
Lab File: BN007269.D
Acq: 20 Aug 2019 17:50

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:244 Resp: 11662

Ion	Ratio	Lower	Upper
244	100		
212	8.6	6.5	9.7
122	10.7	7.9	11.9

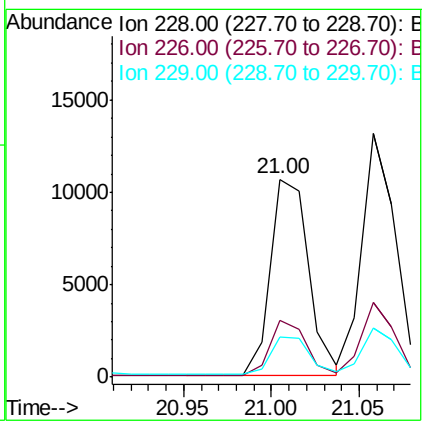


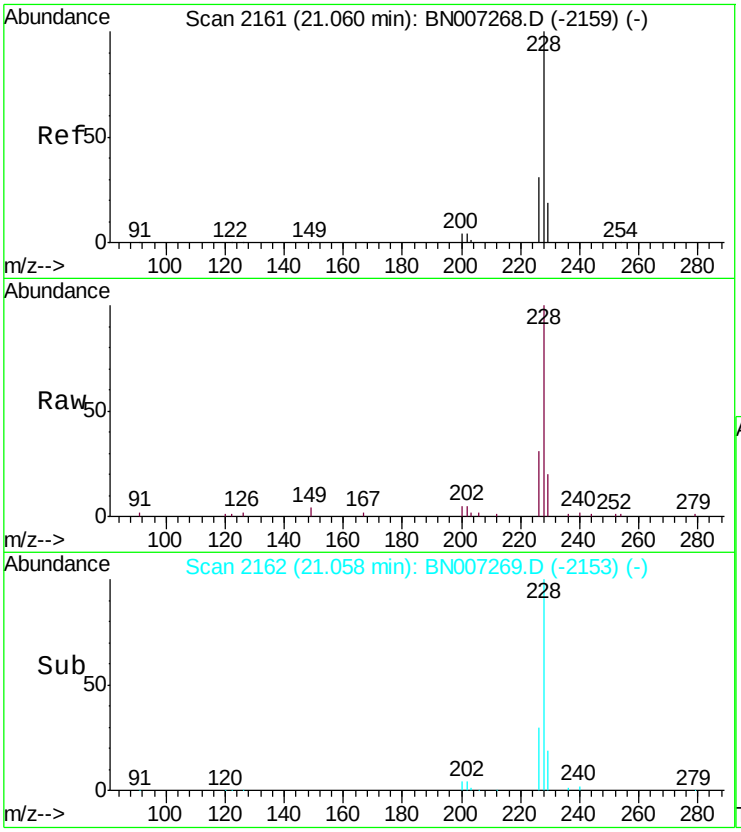


#30
Benzo(a)anthracene
Concen: 0.221 ng
RT: 21.00 min Scan# 2157
Delta R.T. -0.01 min
Lab File: BN007269.D
Acq: 20 Aug 2019 17:50

Tgt Ion:228 Resp: 16228

Ion	Ratio	Lower	Upper
228	100		
226	28.7	20.6	30.8
229	20.0	16.9	25.3



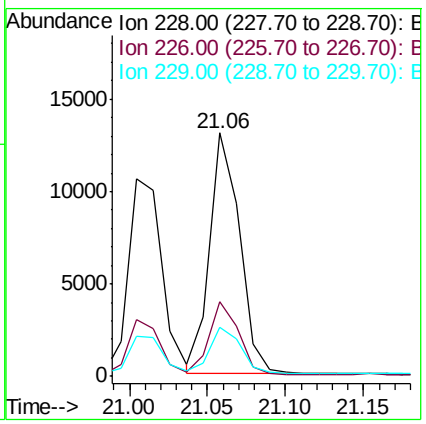


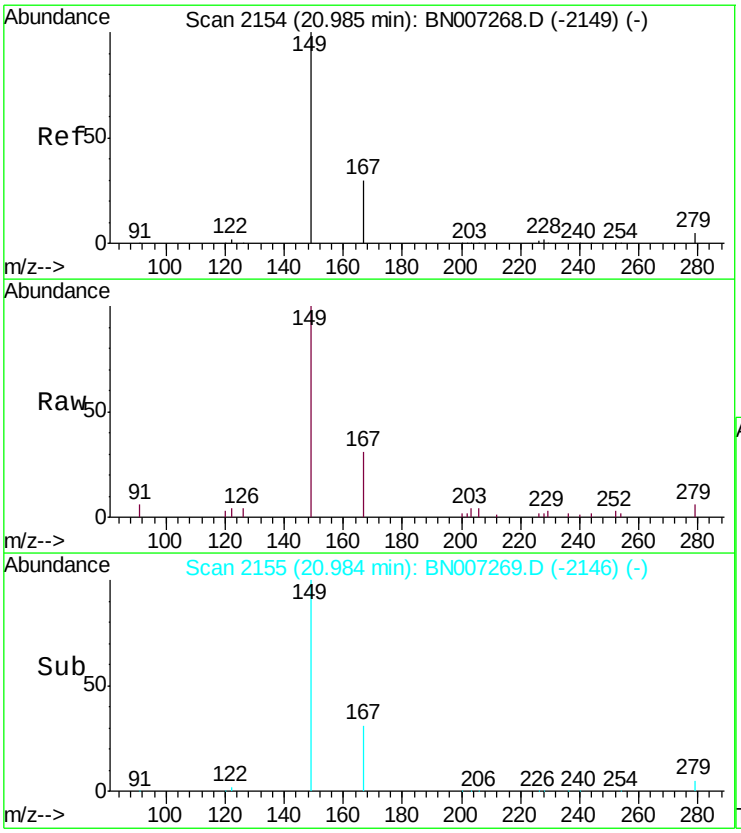
#31
Chrysene
Concen: 0.212 ng
RT: 21.06 min Scan# 2162
Delta R.T. -0.00 min
Lab File: BN007269.D
Acq: 20 Aug 2019 17:50

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:228 Resp: 17438

Ion	Ratio	Lower	Upper
228	100		
226	30.7	24.6	36.8
229	20.1	15.6	23.4

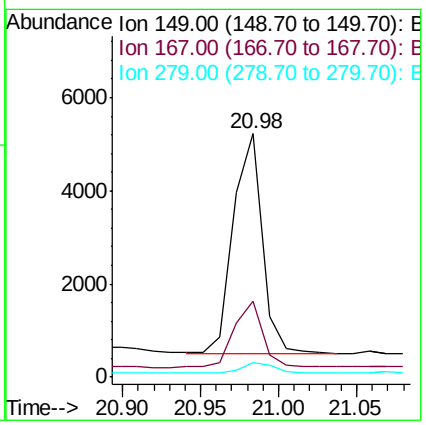


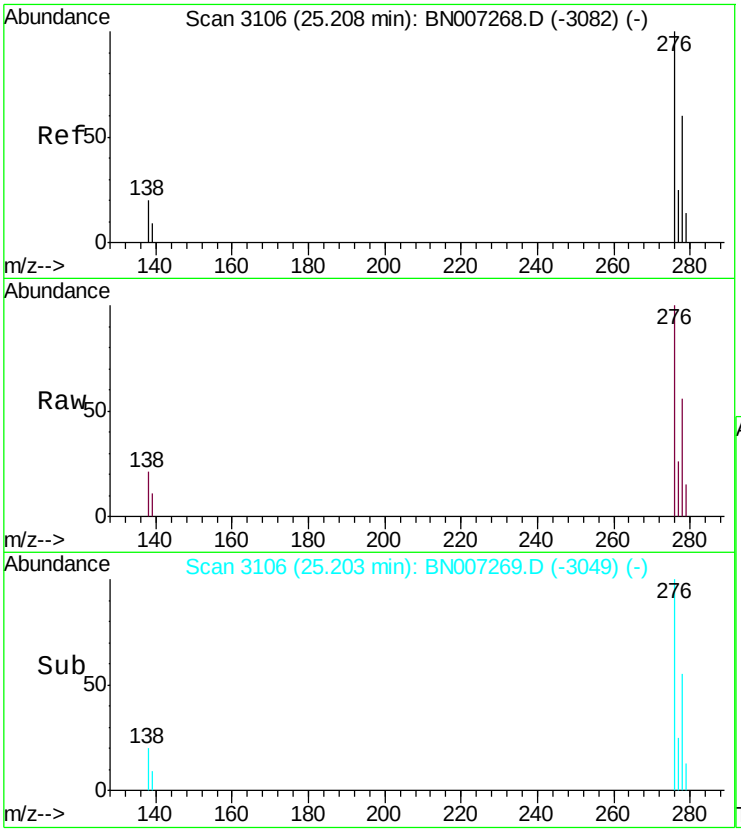


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.178 ng
RT: 20.98 min Scan# 2155
Delta R.T. -0.00 min
Lab File: BN007269.D
Acq: 20 Aug 2019 17:50

Tgt Ion:149 Resp: 6075

Ion	Ratio	Lower	Upper
149	100		
167	30.2	23.8	35.6
279	4.7	3.8	5.8



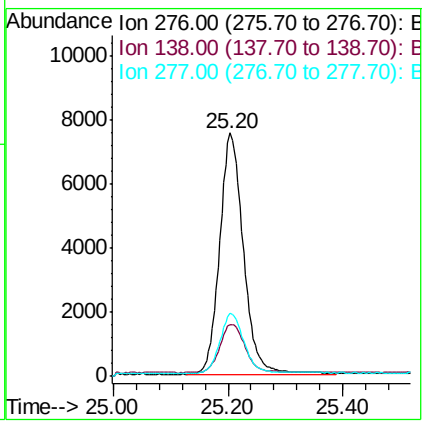


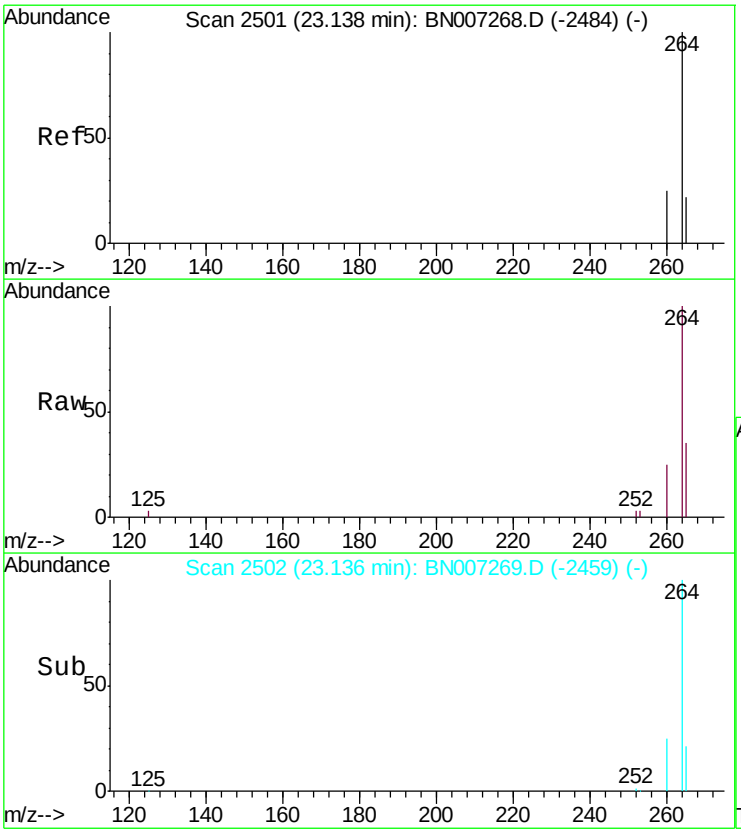
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.215 ng
RT: 25.20 min Scan# 3106
Delta R.T. -0.01 min
Lab File: BN007269.D
Acq: 20 Aug 2019 17:50

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:276 Resp: 21590

Ion	Ratio	Lower	Upper
276	100		
138	21.3	17.1	25.7
277	24.8	20.1	30.1

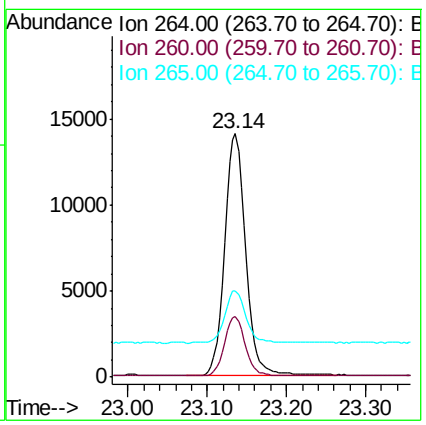


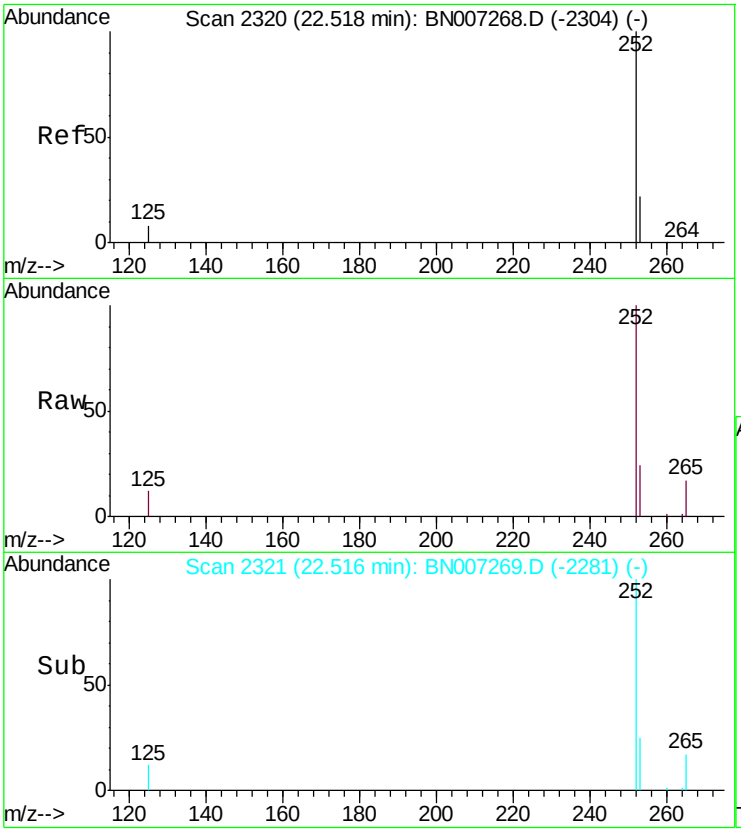


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.14 min Scan# 2502
Delta R.T. -0.00 min
Lab File: BN007269.D
Acq: 20 Aug 2019 17:50

Tgt Ion:264 Resp: 25863

Ion	Ratio	Lower	Upper
264	100		
260	24.9	20.1	30.1
265	35.2	29.0	43.6



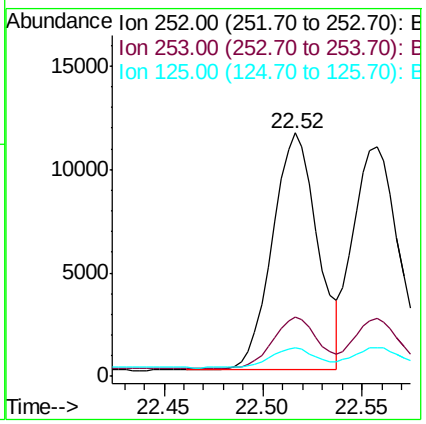


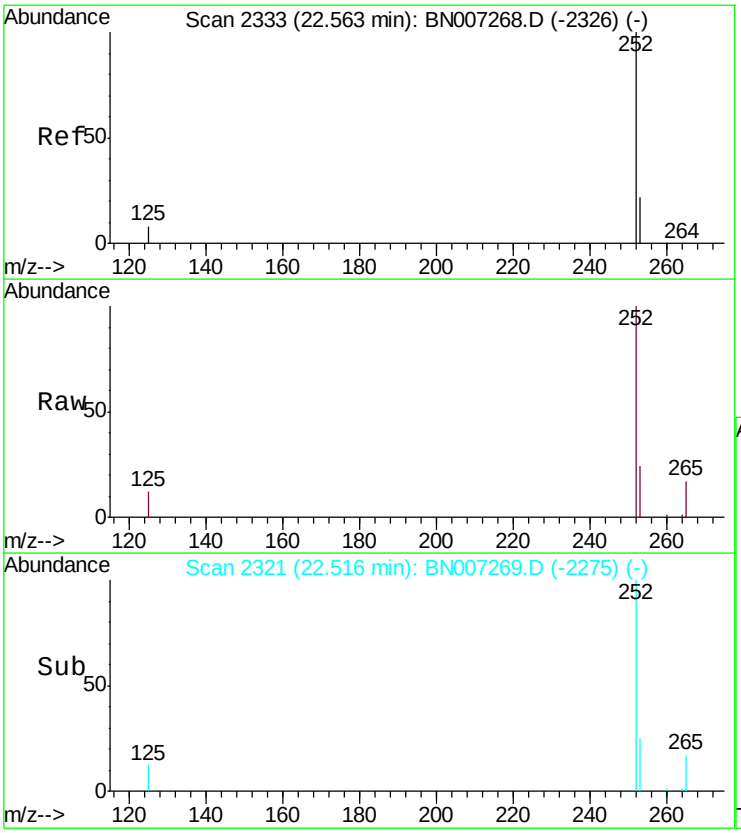
#35
Benzo(b)fluoranthene
Concen: 0.223 ng
RT: 22.52 min Scan# 2321
Delta R.T. -0.00 min
Lab File: BN007269.D
Acq: 20 Aug 2019 17:50

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:252 Resp: 18152

Ion	Ratio	Lower	Upper
252	100		
253	24.2	18.5	27.7
125	11.9	7.8	11.6#

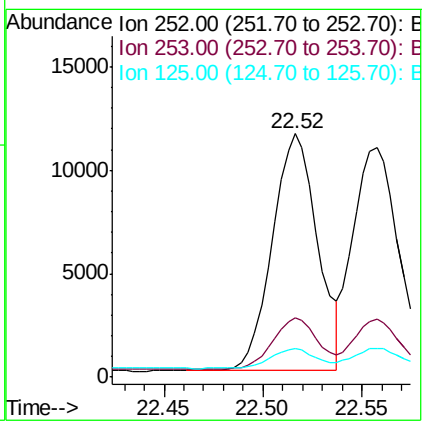


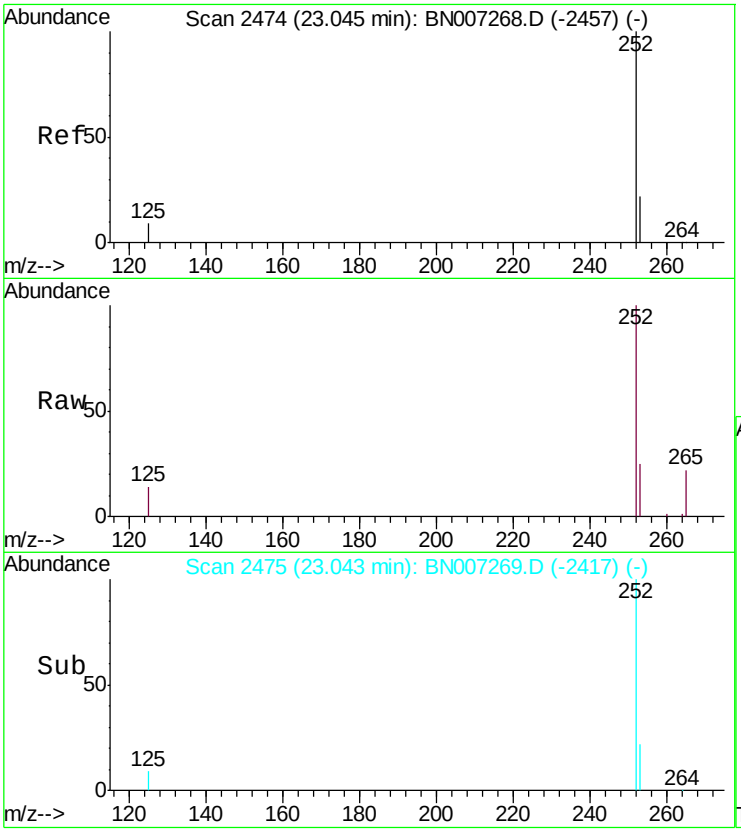


#36
Benzo(k)fluoranthene
Concen: 0.199 ng
RT: 22.52 min Scan# 2321
Delta R.T. -0.05 min
Lab File: BN007269.D
Acq: 20 Aug 2019 17:50

Tgt Ion:252 Resp: 18152

Ion	Ratio	Lower	Upper
252	100		
253	24.2	18.4	27.6
125	11.9	8.0	12.0



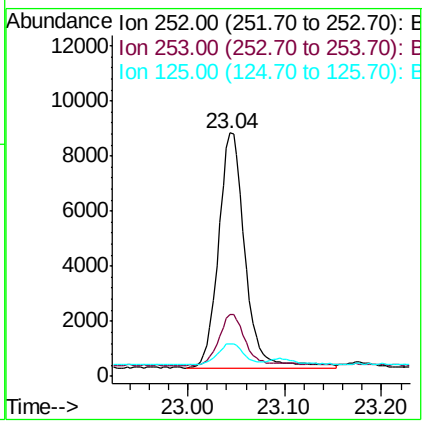


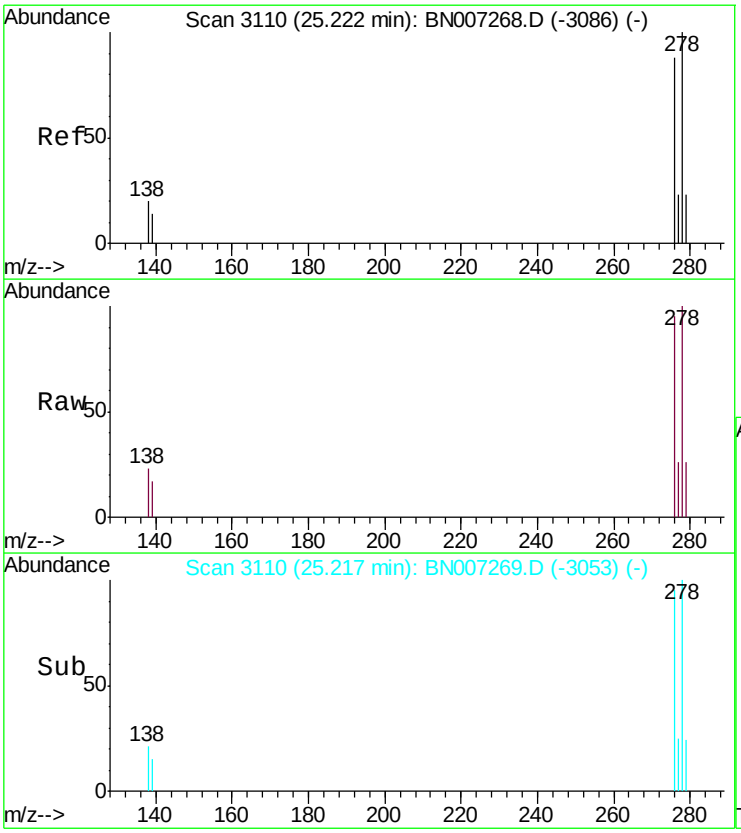
#37
Benzo(a)pyrene
Concen: 0.206 ng
RT: 23.04 min Scan# 2475
Delta R.T. -0.00 min
Lab File: BN007269.D
Acq: 20 Aug 2019 17:50

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:252 Resp: 16197

Ion	Ratio	Lower	Upper
252	100		
253	25.4	18.7	28.1
125	13.6	8.7	13.1#

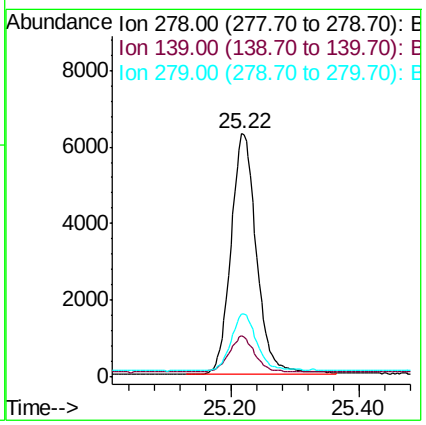


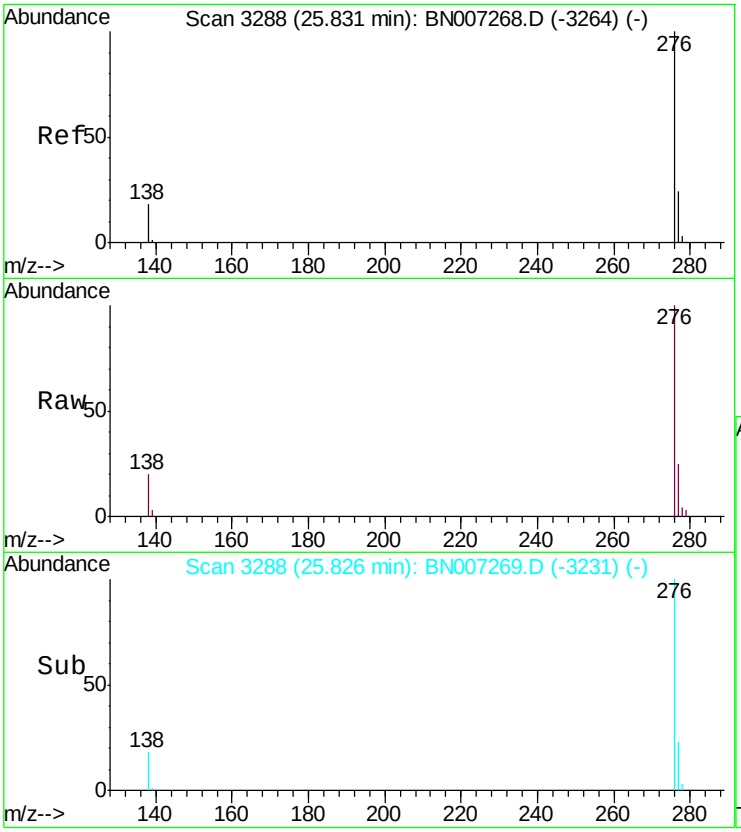


#38
Dibenzo(a,h)anthracene
Concen: 0.219 ng
RT: 25.22 min Scan# 3110
Delta R.T. -0.01 min
Lab File: BN007269.D
Acq: 20 Aug 2019 17:50

Tgt Ion:278 Resp: 17438

Ion	Ratio	Lower	Upper
278	100		
139	16.8	11.8	17.8
279	26.1	19.8	29.6





#39
Benzo(g,h,i)perylene
Concen: 0.212 ng
RT: 25.83 min Scan# 3288
Delta R.T. -0.01 min
Lab File: BN007269.D
Acq: 20 Aug 2019 17:50

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:276 Resp: 17650

Ion	Ratio	Lower	Upper
276	100		
277	24.6	19.5	29.3
138	19.8	15.3	22.9