Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN021920\
Data File : BN009772.D
Acq On : 19 Feb 2020 11:08
Operator : CG/JU
Sample : SSTDICC0.1
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDICC0.1

Quant Time: Feb 19 13:53:30 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN021920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 19 13:45:18 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.43	152	958	0.40	ng		0.00
7) Naphthalene-d8	10.19	136	3184	0.40	ng		0.01
13) Acenaphthene-d10	14.06	164	2008	0.40	ng		0.00
19) Phenanthrene-d10	16.83	188	4732	0.40	ng		0.01
27) Chrysene-d12	21.04	240	4189	0.40	ng		0.00
34) Perylene-d12	23.15	264	4237	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.09	112	232	0.11	ng		0.00
5) Phenol-d6	6.68	99	246	0.10	ng		0.03
8) Nitrobenzene-d5	8.63	82	236	0.09	ng		0.04
11) 2-Methylnaphthalene-d10	11.80	152	587	0.10	ng		0.02
14) 2,4,6-Tribromophenol	15.60	330	76	0.10	ng		0.01
15) 2-Fluorobiphenyl	12.70	172	728	0.10	ng		0.01
25) Fluoranthene-d10	18.87	212	1576	0.10	ng		0.00
29) Terphenyl-d14	19.48	244	1029	0.10	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.10	88	98	0.098	ng		98
3) n-Nitrosodimethylamine	3.46	42	50	0.032	ng	#	15
6) bis(2-Chloroethyl)ether	6.90	93	272	0.104	ng	#	80
9) Naphthalene	10.24	128	926	0.107	ng	#	76
10) Hexachlorobutadiene	10.51	225	205	0.108	ng	#	92
12) 2-Methylnaphthalene	11.88	142	582	0.097	ng	#	95
16) Acenaphthylene	13.78	152	792	0.091	ng		97
17) Acenaphthene	14.12	154	609	0.100	ng		98
18) Fluorene	15.13	166	788	0.099	ng		99
20) 4-Bromophenyl-phenylether	16.03	248	507	0.178	ng		95
21) Hexachlorobenzene	16.15	284	292	0.096	ng		95
22) Pentachlorophenol	16.53	266	43	0.050	ng		85
23) Phenanthrene	16.87	178	1423	0.100	ng		98
24) Anthracene	16.96	178	1091	0.091	ng		98
26) Fluoranthene	18.90	202	1652	0.099	ng		99
28) Pyrene	19.27	202	1689	0.106	ng		100
30) Benzo(a)anthracene	21.04	228	1256	0.091	ng		92
31) Chrysene	21.08	228	1658	0.105	ng	#	93
32) Bis(2-ethylhexyl)phthalate	20.96	149	794	0.130	ng		97
33) Indeno(1,2,3-cd)pyrene	25.23	276	1528	0.093	ng		98
35) Benzo(b)fluoranthene	22.54	252	1464	0.094	ng	#	72
36) Benzo(k)fluoranthene	22.58	252	1621	0.094	ng	#	65
37) Benzo(a)pyrene	23.08	252	1388	0.101	ng	#	59
38) Dibenzo(a,h)anthracene	25.24	278	1214	0.088	ng	#	63
39) Benzo(g,h,i)perylene	25.85	276	1412	0.093	ng	#	82

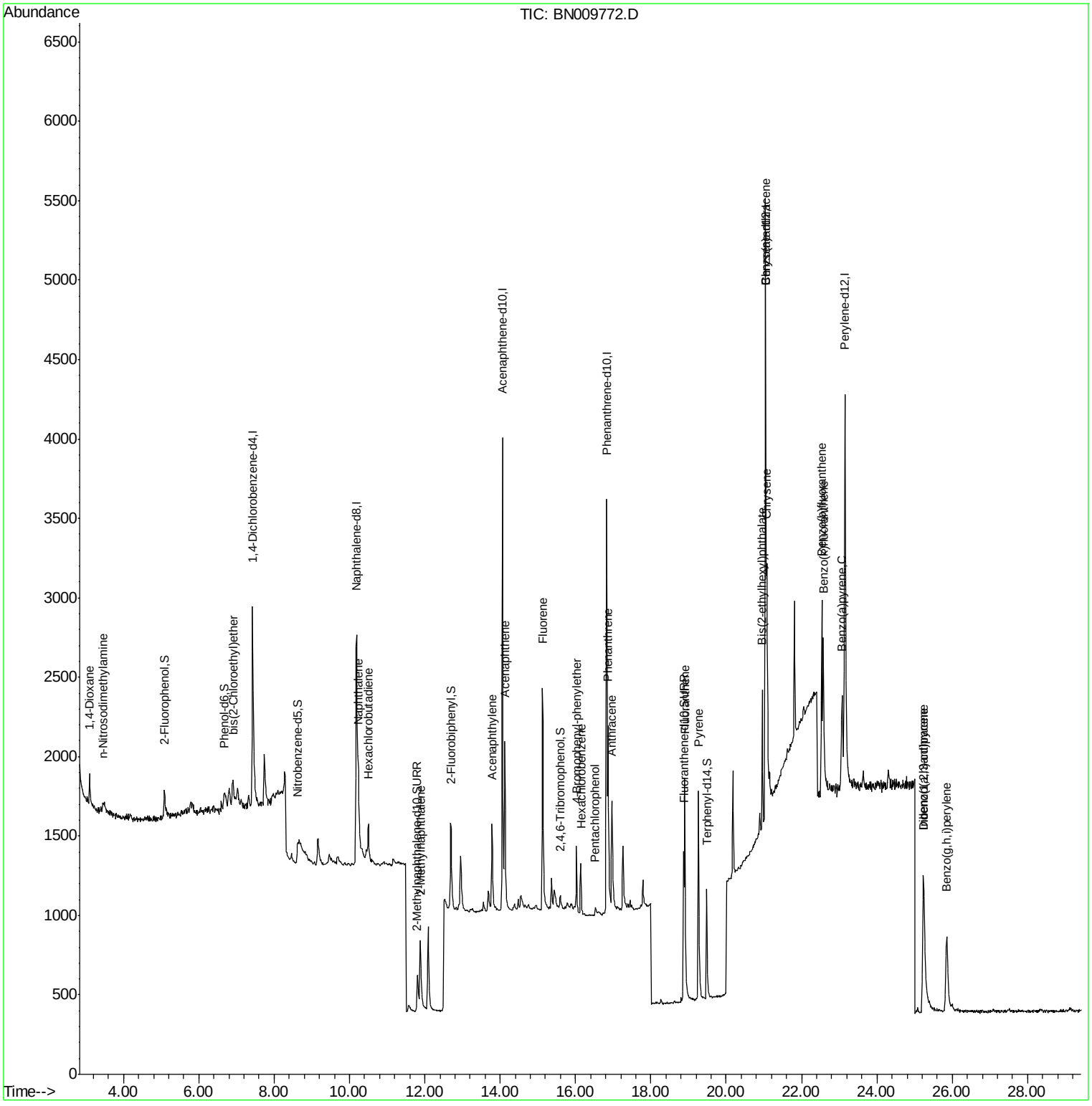
(#) = qualifier out of range (m) = manual integration (+) = signals summed

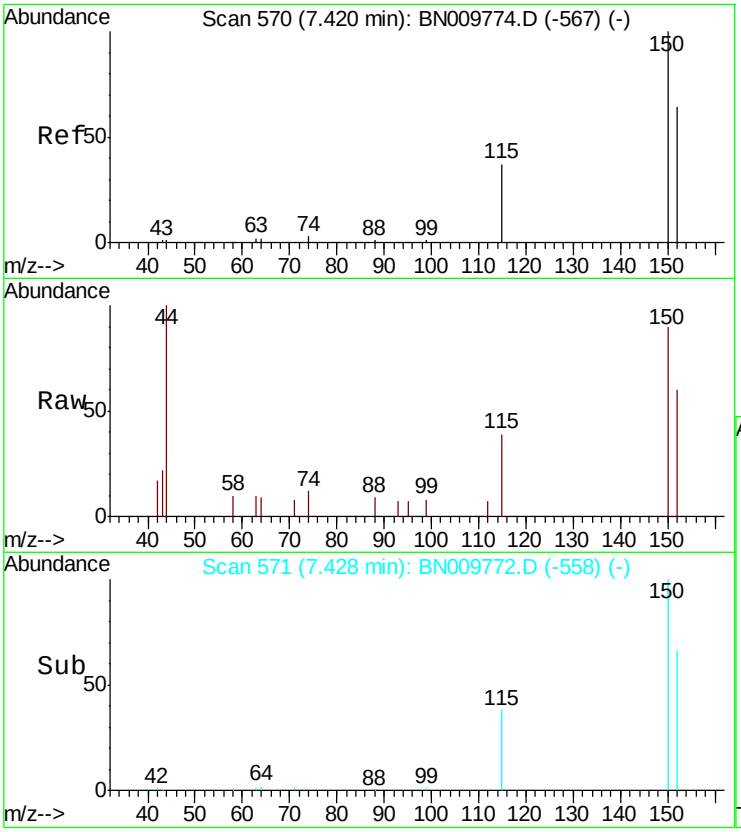
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN021920\
Data File : BN009772.D
Acq On : 19 Feb 2020 11:08
Operator : CG/JU
Sample : SSTDICC0.1
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Quant Time: Feb 19 13:53:30 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN021920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 19 13:45:18 2020
Response via : Initial Calibration



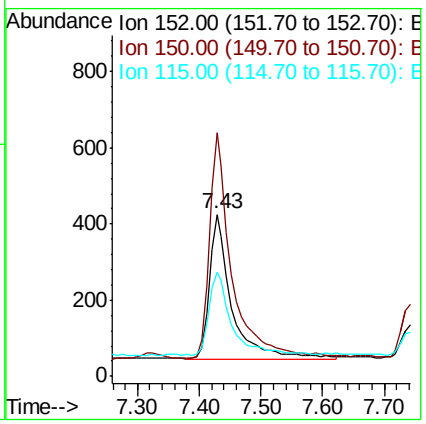


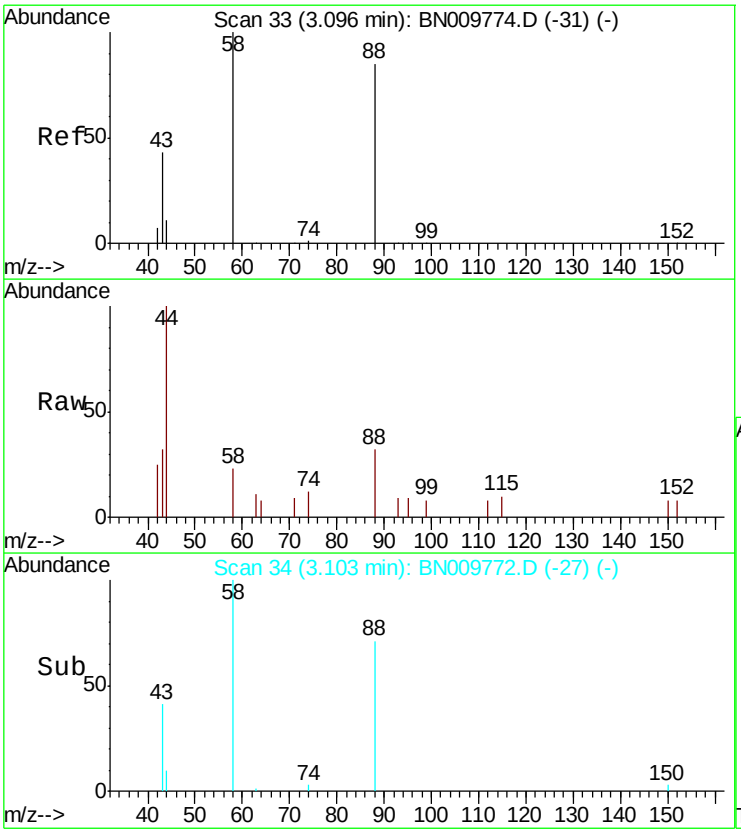
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.43 min Scan# 571
Delta R.T. 0.01 min
Lab File: BN009772.D
Acq: 19 Feb 2020 11:08

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:152 Resp: 958

Ion	Ratio	Lower	Upper
152	100		
150	150.0	120.6	181.0
115	64.3	51.2	76.8

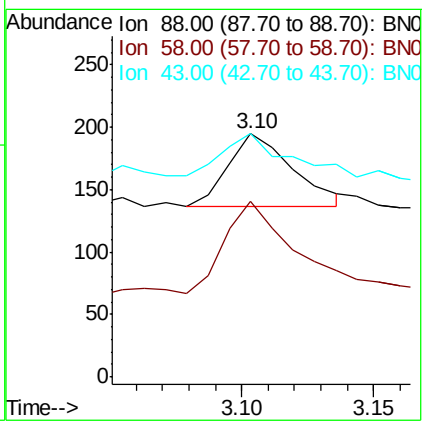


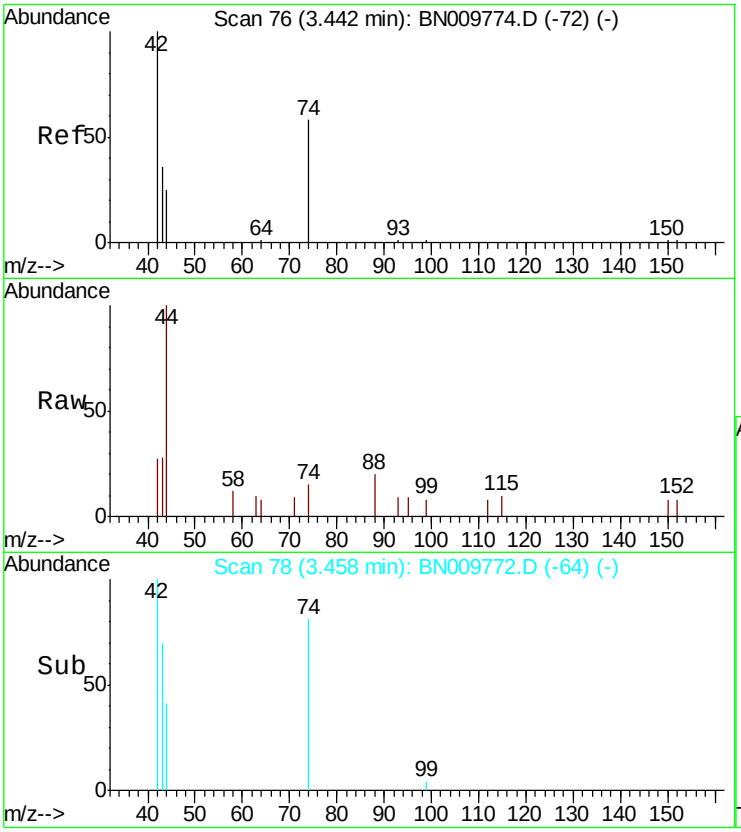


#2
1,4-Dioxane
Concen: 0.098 ng
RT: 3.10 min Scan# 34
Delta R.T. 0.01 min
Lab File: BN009772.D
Acq: 19 Feb 2020 11:08

Tgt Ion: 88 Resp: 98

Ion	Ratio	Lower	Upper
88	100		
58	121.4	97.8	146.8
43	53.1	45.1	67.7



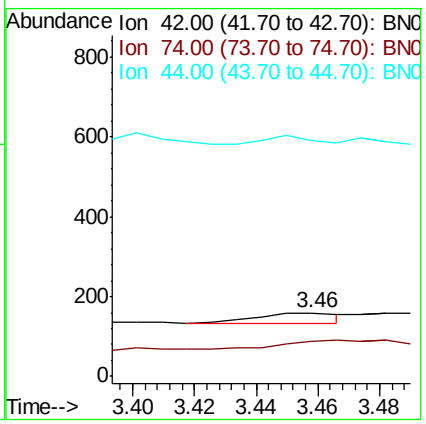


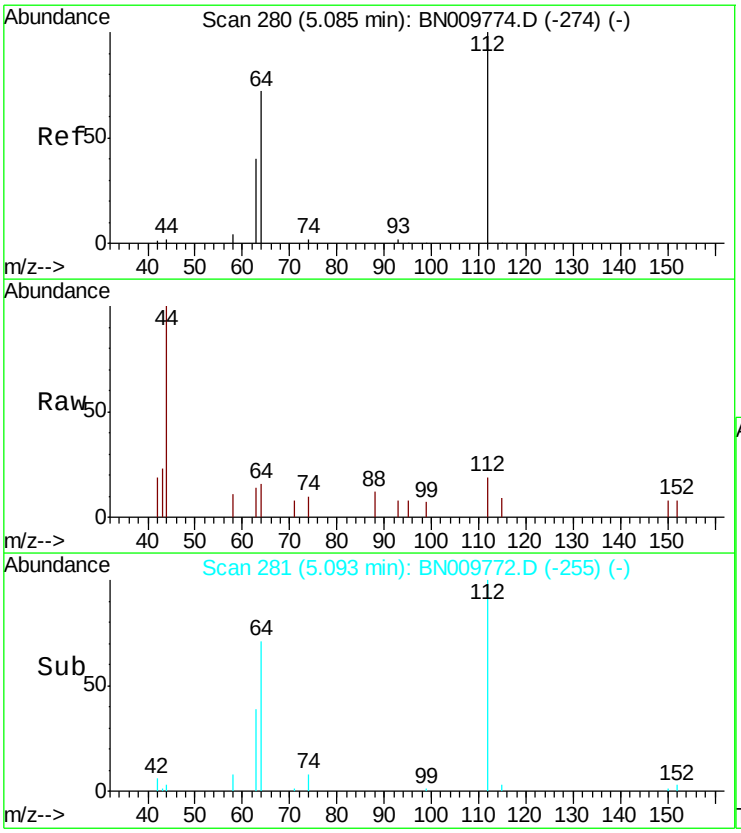
#3
n-Nitrosodimethylamine
Concen: 0.032 ng
RT: 3.46 min Scan# 78
Delta R.T. 0.02 min
Lab File: BN009772.D
Acq: 19 Feb 2020 11:08

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion: 42 Resp: 50

Ion	Ratio	Lower	Upper
42	100		
74	0.0	51.2	76.8#
44	50.0	2.6	4.0#

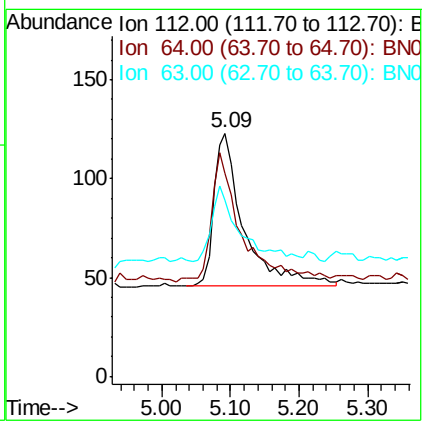


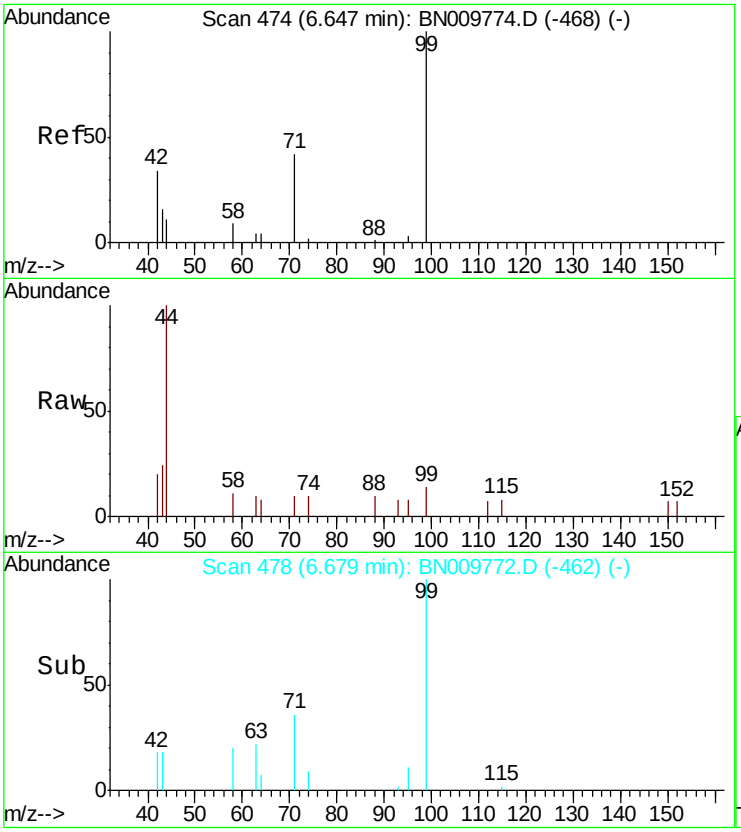


#4
2-Fluorophenol
Concen: 0.105 ng
RT: 5.09 min Scan# 281
Delta R.T. 0.01 min
Lab File: BN009772.D
Acq: 19 Feb 2020 11:08

Tgt Ion:112 Resp: 232

Ion	Ratio	Lower	Upper
112	100		
64	87.1	65.8	98.6
63	42.2	38.7	58.1



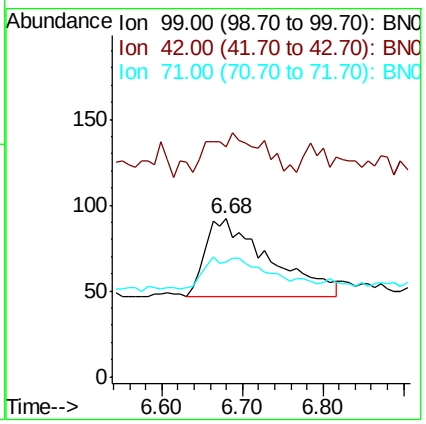


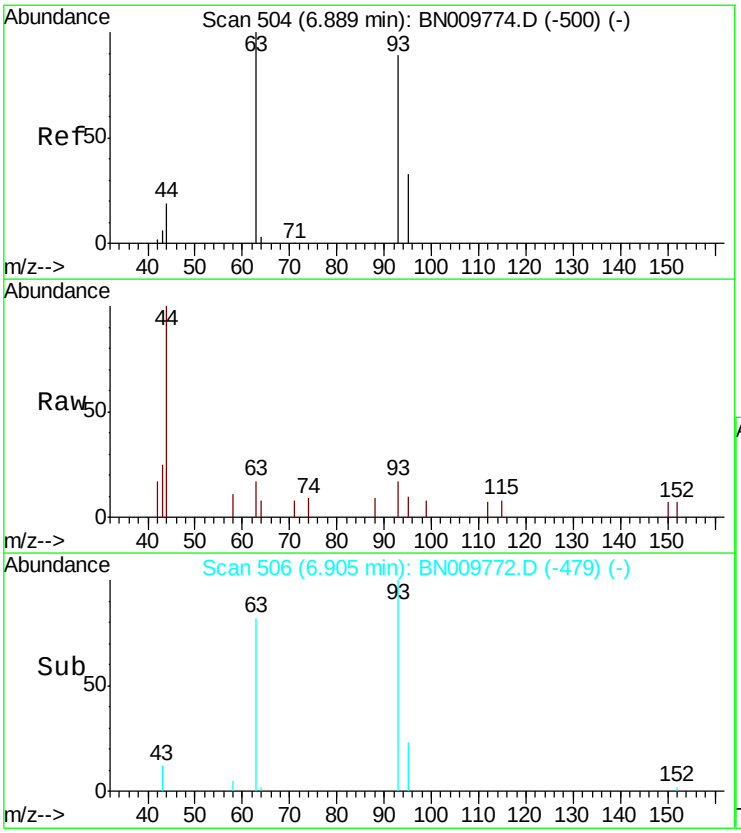
#5
Phenol-d6
Concen: 0.096 ng
RT: 6.68 min Scan# 478
Delta R.T. 0.03 min
Lab File: BN009772.D
Acq: 19 Feb 2020 11:08

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion: 99 Resp: 246

Ion	Ratio	Lower	Upper
99	100		
42	54.9	30.8	46.2#
71	0.0	34.9	52.3#

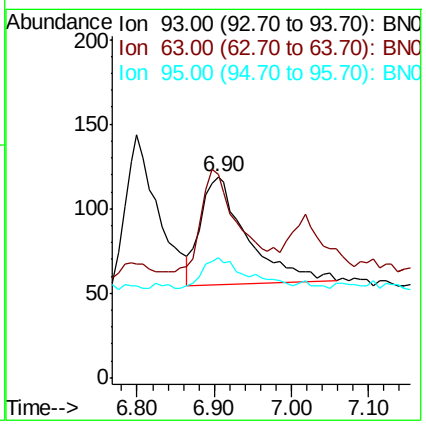


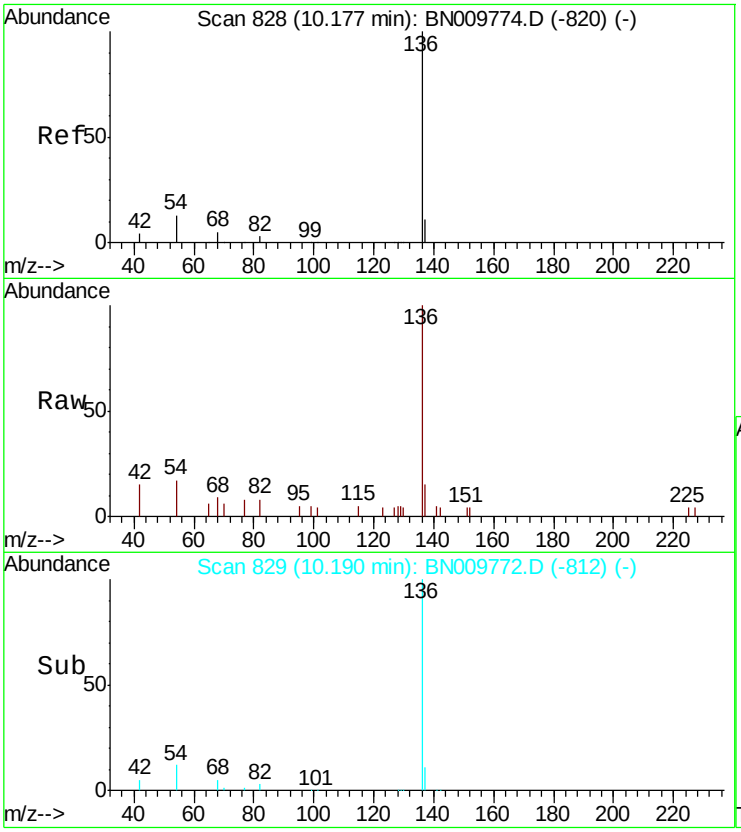


#6
bis(2-Chloroethyl)ether
Concen: 0.104 ng
RT: 6.90 min Scan# 506
Delta R.T. 0.02 min
Lab File: BN009772.D
Acq: 19 Feb 2020 11:08

Tgt Ion: 93 Resp: 272

Ion	Ratio	Lower	Upper
93	100		
63	71.3	74.0	111.0#
95	26.1	26.7	40.1#



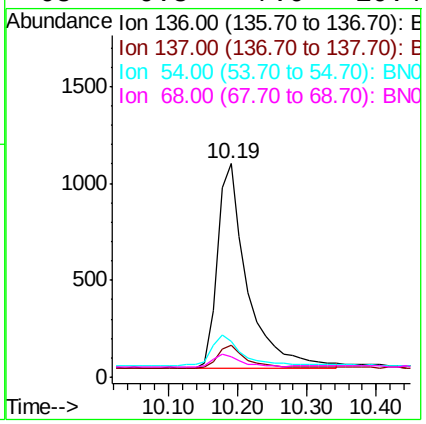


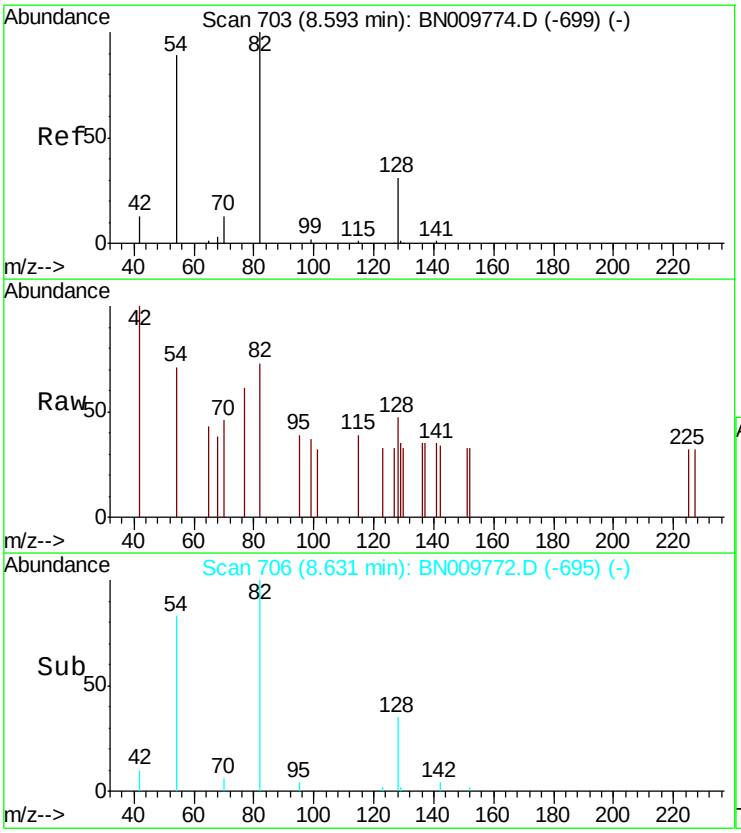
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.19 min Scan# 829
Delta R.T. 0.01 min
Lab File: BN009772.D
Acq: 19 Feb 2020 11:08

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:136 Resp: 3184

Ion	Ratio	Lower	Upper
136	100		
137	14.7	11.3	16.9
54	16.7	13.4	20.2
68	9.3	7.0	10.4

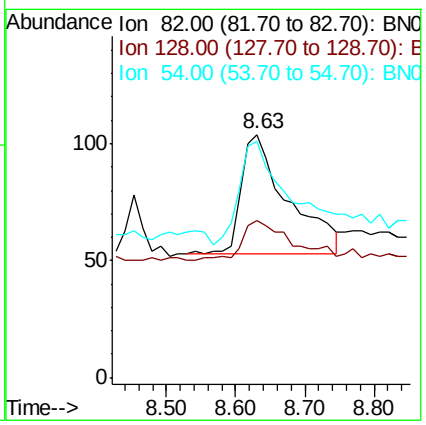


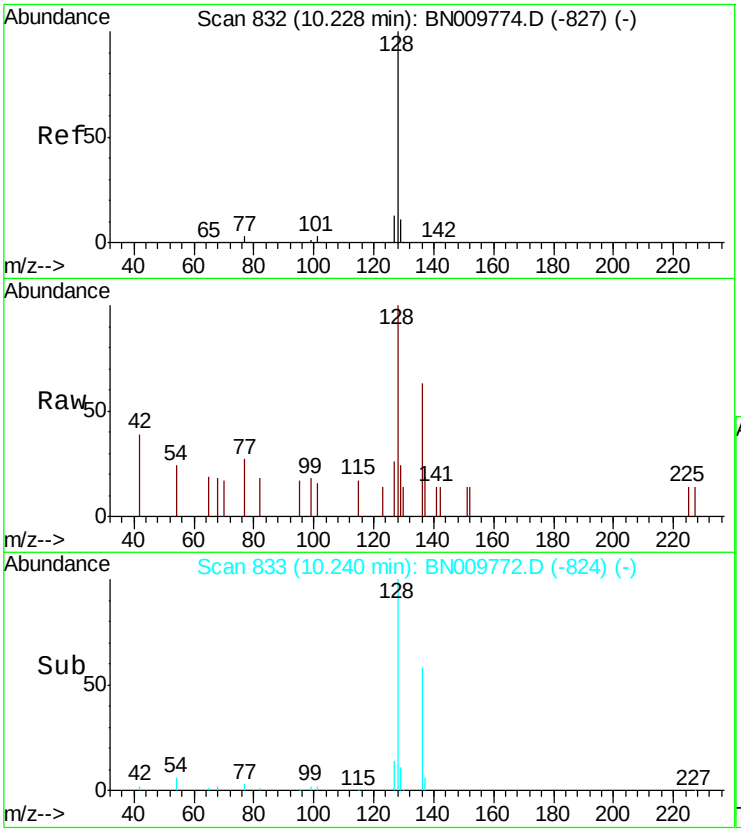


#8
Nitrobenzene-d5
Concen: 0.093 ng
RT: 8.63 min Scan# 706
Delta R.T. 0.04 min
Lab File: BN009772.D
Acq: 19 Feb 2020 11:08

Tgt Ion: 82 Resp: 236

Ion	Ratio	Lower	Upper
82	100		
128	64.4	32.5	48.7#
54	97.1	73.5	110.3



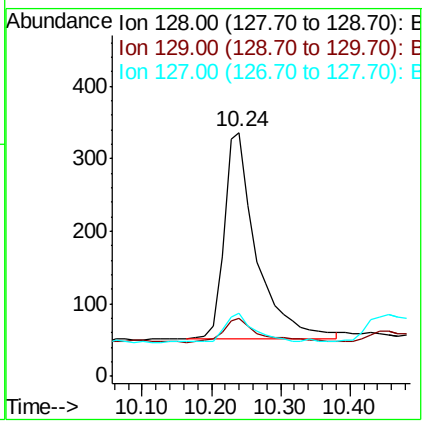


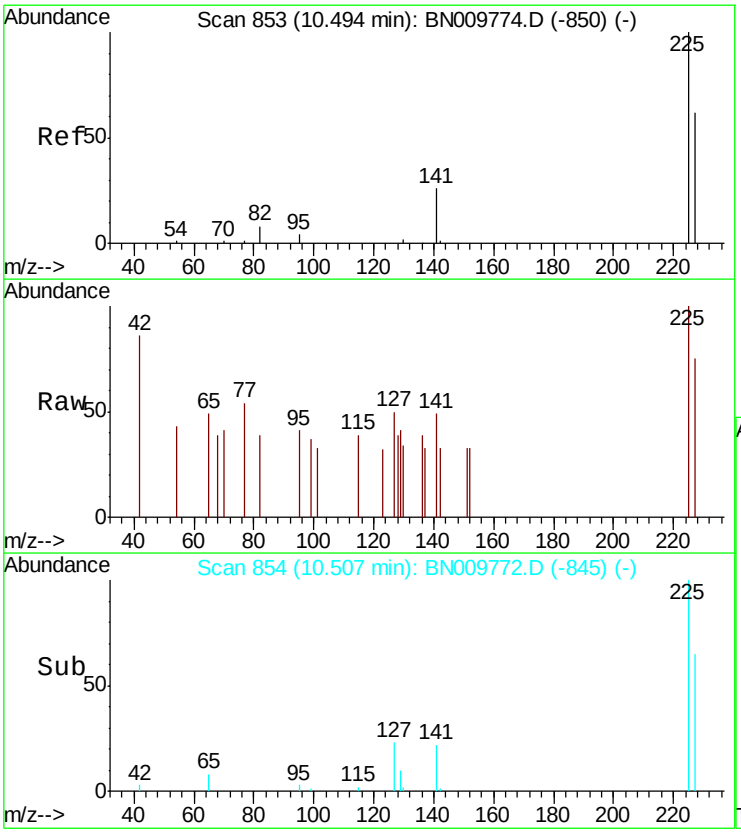
#9
Naphthalene
Concen: 0.107 ng
RT: 10.24 min Scan# 833
Delta R.T. 0.01 min
Lab File: BN009772.D
Acq: 19 Feb 2020 11:08

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:128 Resp: 926

Ion	Ratio	Lower	Upper
128	100		
129	23.8	11.1	16.7#
127	25.9	12.6	19.0#

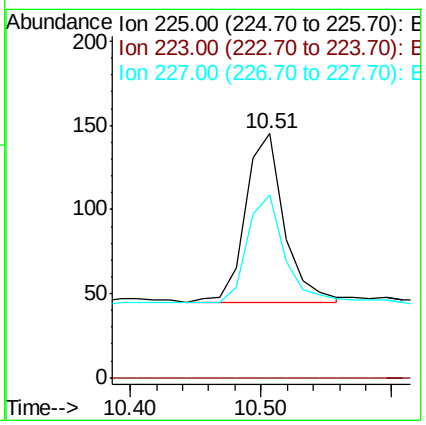


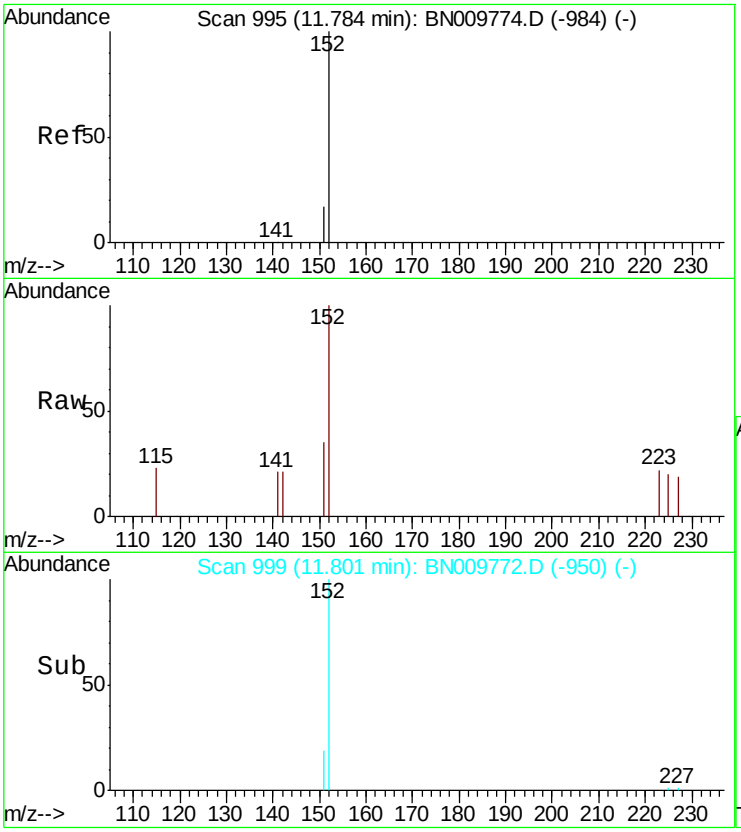


#10
Hexachlorobutadiene
Concen: 0.108 ng
RT: 10.51 min Scan# 854
Delta R.T. 0.01 min
Lab File: BN009772.D
Acq: 19 Feb 2020 11:08

Tgt Ion:225 Resp: 205

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	60.0	53.4	80.2



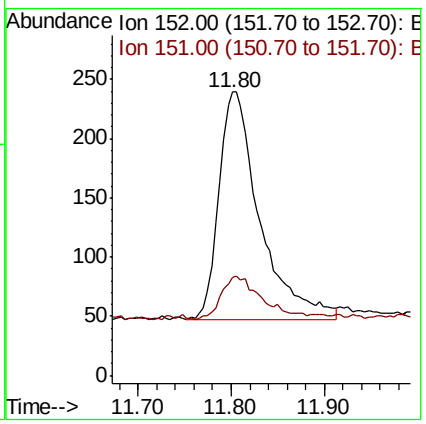


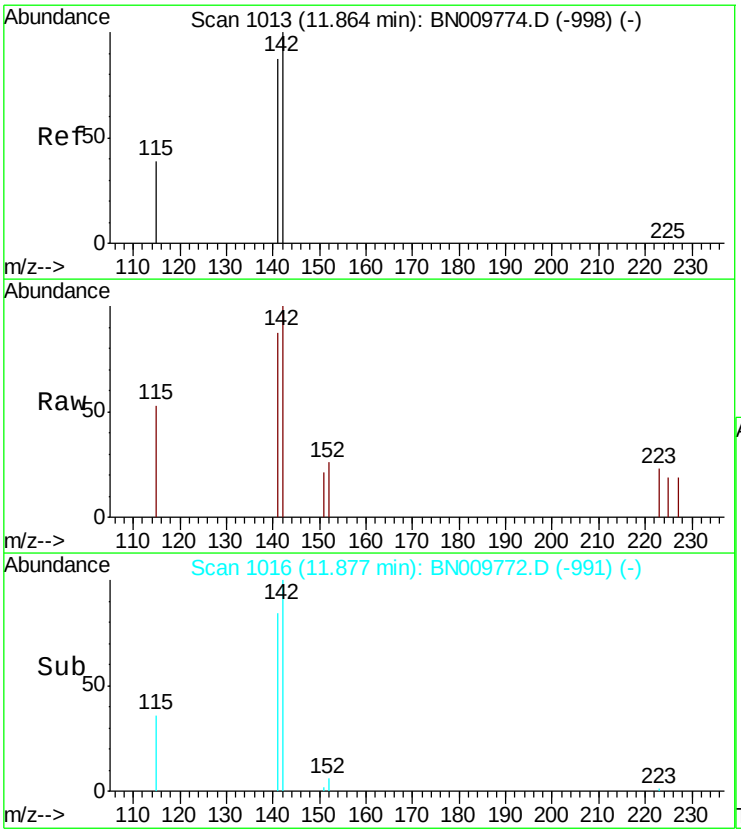
#11
2-Methylnaphthalene-d10
Concen: 0.095 ng
RT: 11.80 min Scan# 999
Delta R.T. 0.02 min
Lab File: BN009772.D
Acq: 19 Feb 2020 11:08

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:152 Resp: 587

Ion	Ratio	Lower	Upper
152	100		
151	19.3	15.1	22.7

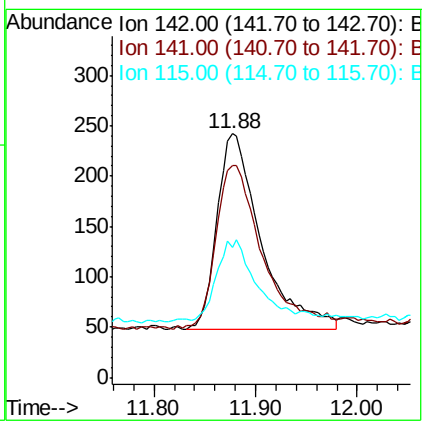


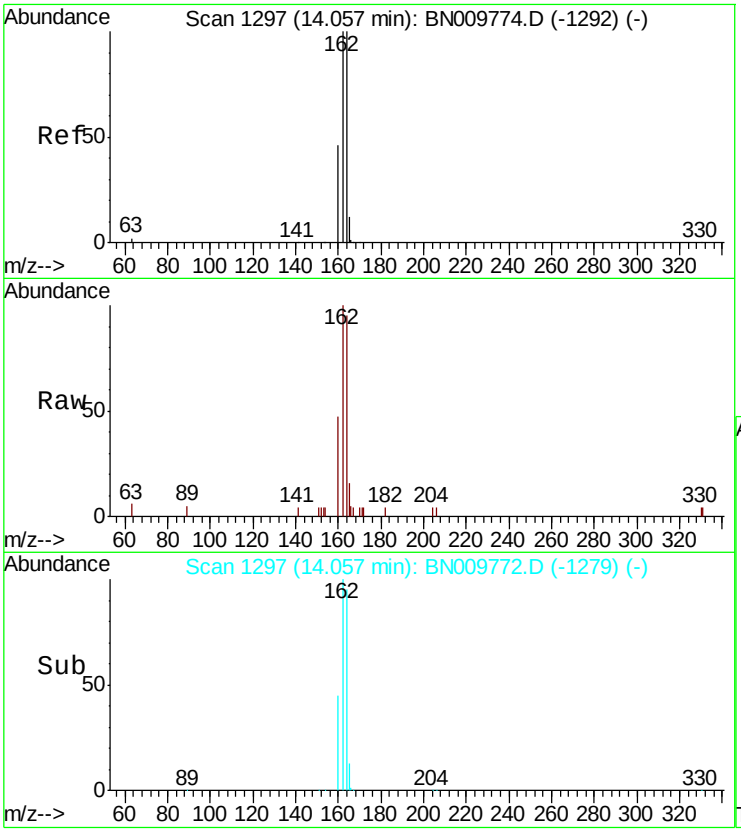


#12
2-Methylnaphthalene
Concen: 0.097 ng
RT: 11.88 min Scan# 1016
Delta R.T. 0.01 min
Lab File: BN009772.D
Acq: 19 Feb 2020 11:08

Tgt Ion:142 Resp: 582

Ion	Ratio	Lower	Upper
142	100		
141	87.2	69.8	104.6
115	53.3	34.6	52.0#



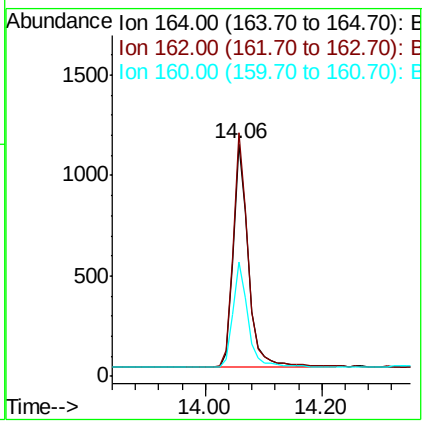


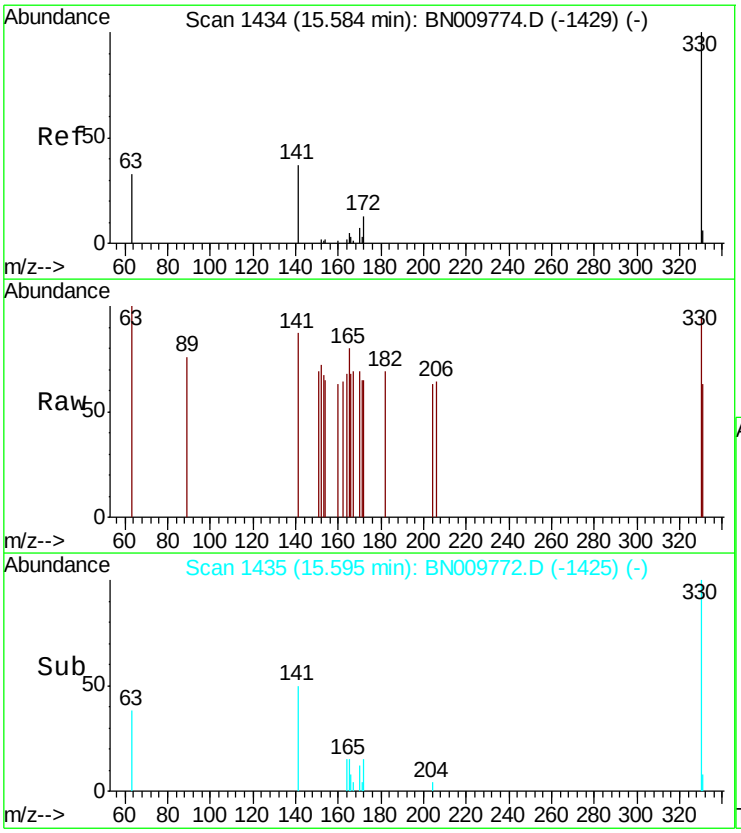
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.06 min Scan# 1297
Delta R.T. -0.00 min
Lab File: BN009772.D
Acq: 19 Feb 2020 11:08

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:164 Resp: 2008

Ion	Ratio	Lower	Upper
164	100		
162	104.8	79.9	119.9
160	49.3	38.2	57.2

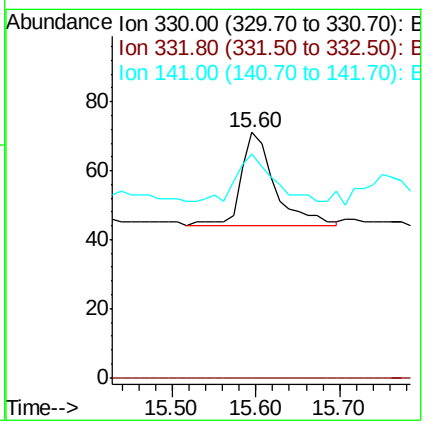


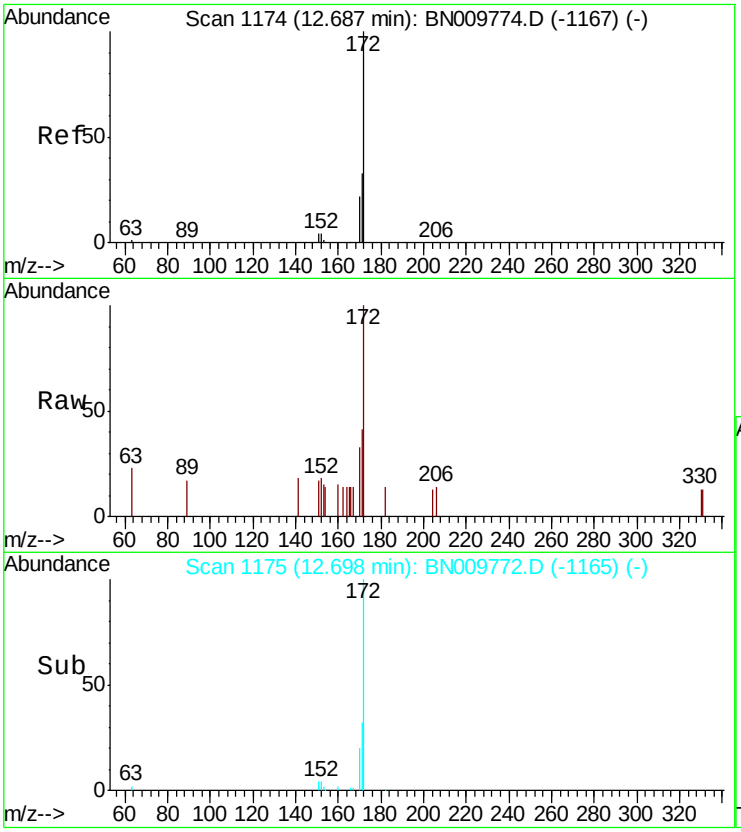


#14
2,4,6-Tribromophenol
Concen: 0.100 ng
RT: 15.60 min Scan# 1435
Delta R.T. 0.01 min
Lab File: BN009772.D
Acq: 19 Feb 2020 11:08

Tgt Ion:330 Resp: 76

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	53.9	36.8	55.2



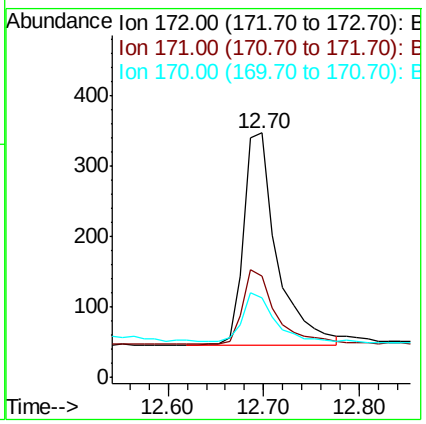


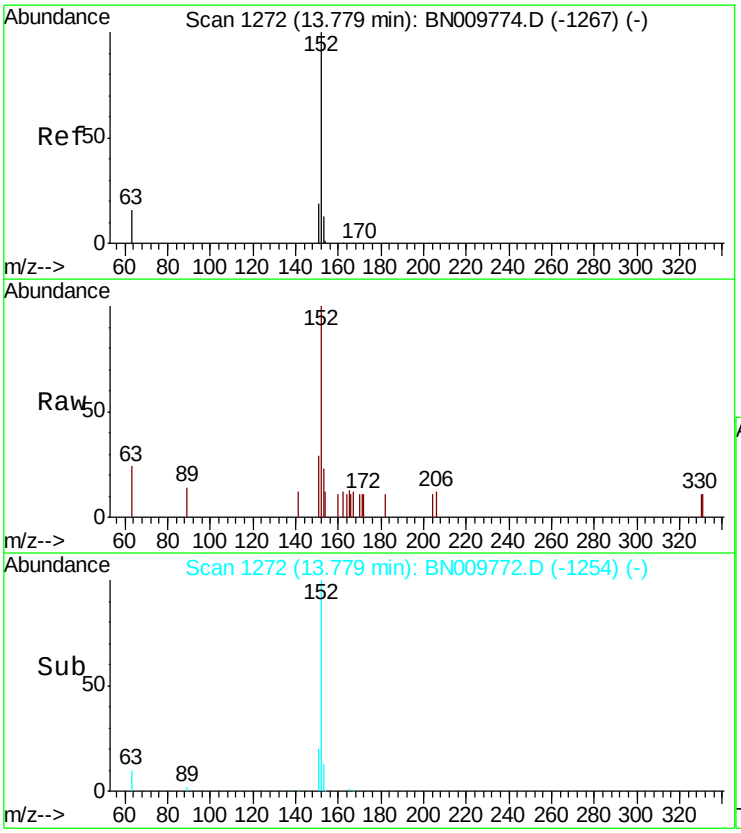
#15
2-Fluorobiphenyl
Concen: 0.097 ng
RT: 12.70 min Scan# 1175
Delta R.T. 0.01 min
Lab File: BN009772.D
Acq: 19 Feb 2020 11:08

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:172 Resp: 728

Ion	Ratio	Lower	Upper
172	100		
171	41.2	28.7	43.1
170	32.6	20.1	30.1#

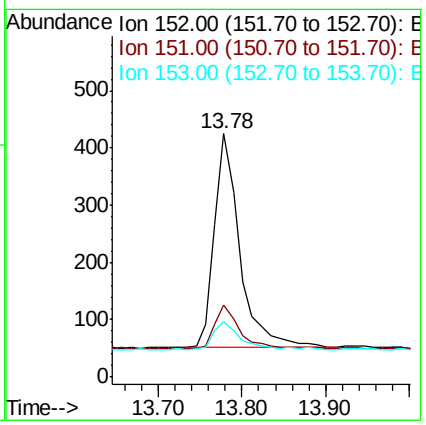


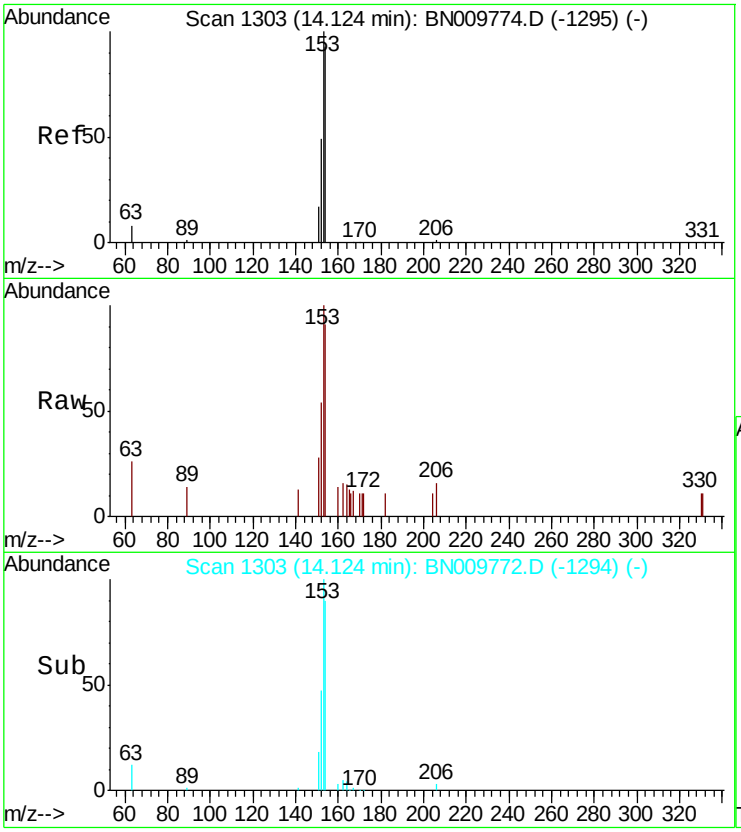


#16
Acenaphthylene
Concen: 0.091 ng
RT: 13.78 min Scan# 1272
Delta R.T. -0.00 min
Lab File: BN009772.D
Acq: 19 Feb 2020 11:08

Tgt Ion:152 Resp: 792

Ion	Ratio	Lower	Upper
152	100		
151	21.1	15.8	23.6
153	14.4	10.2	15.4



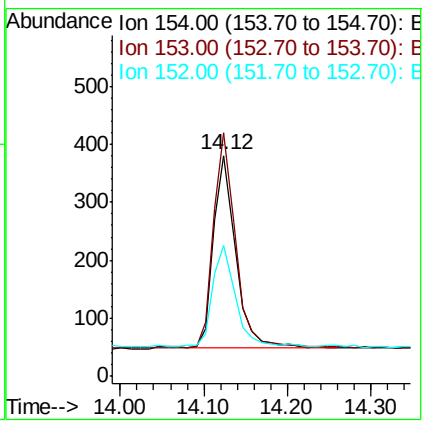


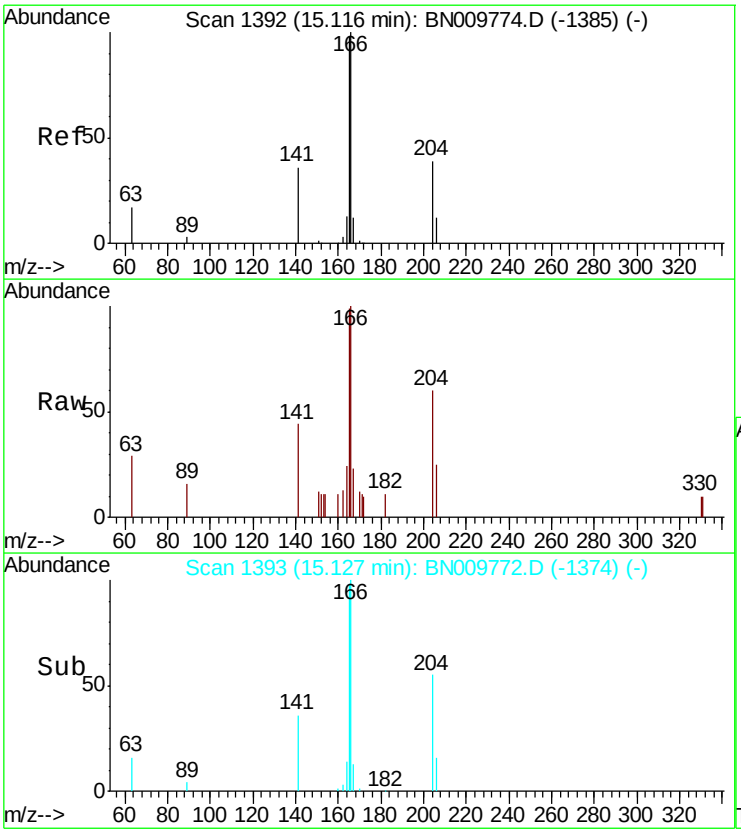
#17
Acenaphthene
Concen: 0.100 ng
RT: 14.12 min Scan# 1303
Delta R.T. -0.00 min
Lab File: BN009772.D
Acq: 19 Feb 2020 11:08

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:154 Resp: 609

Ion	Ratio	Lower	Upper
154	100		
153	114.0	88.9	133.3
152	54.5	44.2	66.2

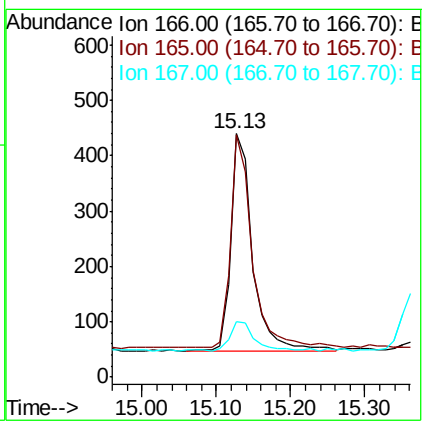


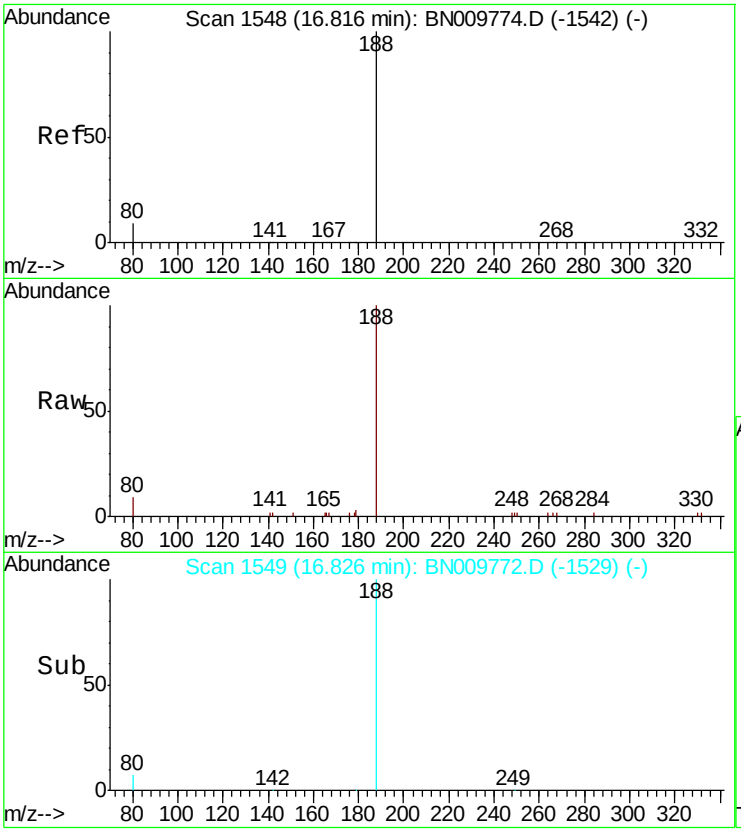


#18
Fluorene
Concen: 0.099 ng
RT: 15.13 min Scan# 1393
Delta R.T. 0.01 min
Lab File: BN009772.D
Acq: 19 Feb 2020 11:08

Tgt Ion:166 Resp: 788

Ion	Ratio	Lower	Upper
166	100		
165	97.2	77.2	115.8
167	14.7	10.5	15.7



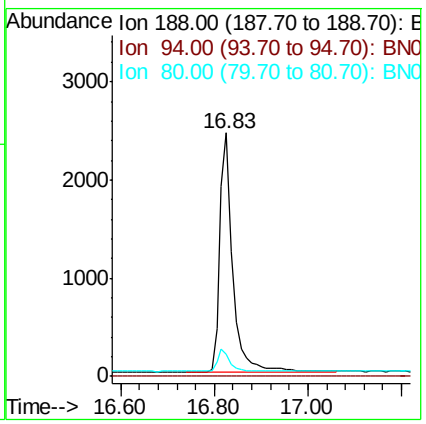


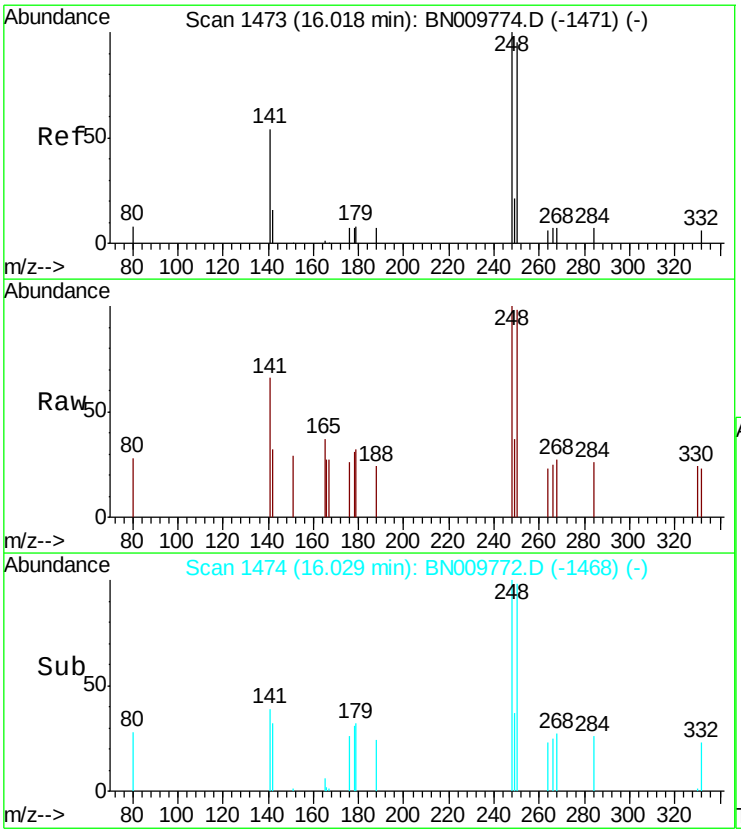
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.83 min Scan# 1549
Delta R.T. 0.01 min
Lab File: BN009772.D
Acq: 19 Feb 2020 11:08

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:188 Resp: 4732

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	9.0	8.3	12.5

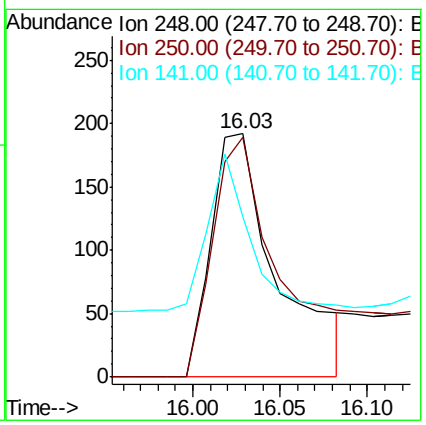


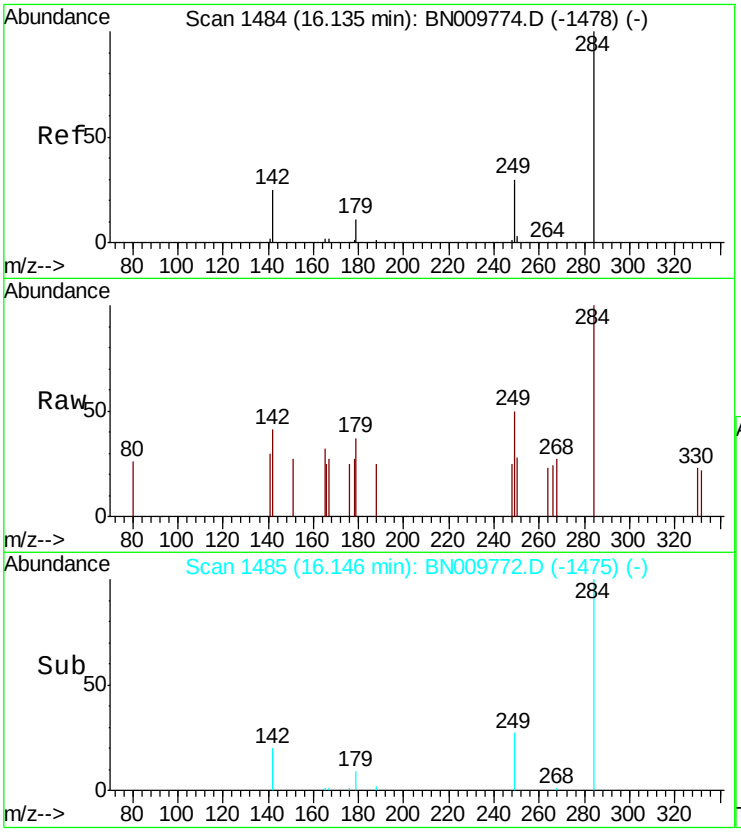


#20
4-Bromophenyl-phenylether
Concen: 0.178 ng
RT: 16.03 min Scan# 1474
Delta R.T. 0.01 min
Lab File: BN009772.D
Acq: 19 Feb 2020 11:08

Tgt Ion:248 Resp: 507

Ion	Ratio	Lower	Upper
248	100		
250	98.4	76.2	114.4
141	65.6	57.8	86.6



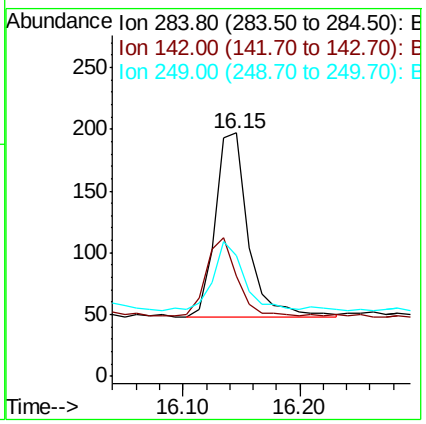


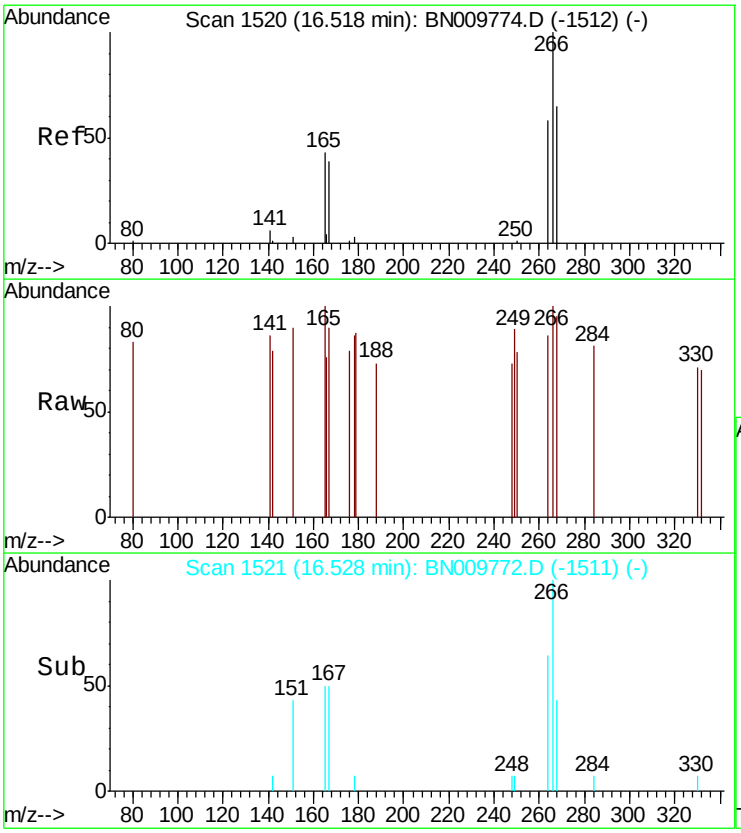
#21
Hexachlorobenzene
Concen: 0.096 ng
RT: 16.15 min Scan# 1485
Delta R.T. 0.01 min
Lab File: BN009772.D
Acq: 19 Feb 2020 11:08

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:284 Resp: 292

Ion	Ratio	Lower	Upper
284	100		
142	39.0	33.3	49.9
249	35.3	25.7	38.5

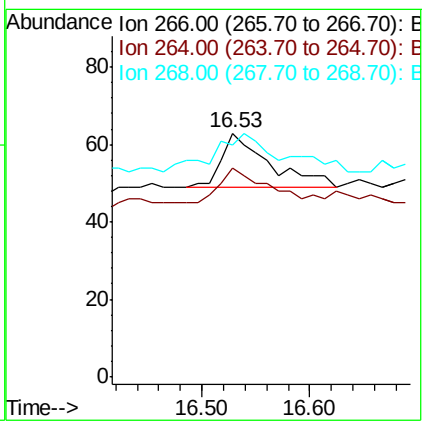


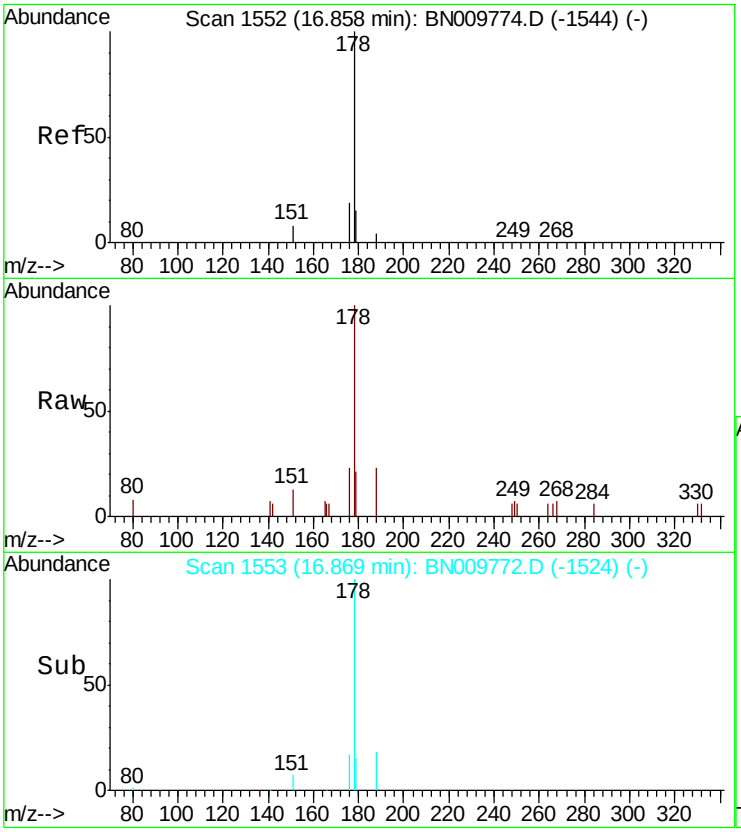


#22
Pentachlorophenol
Concen: 0.050 ng
RT: 16.53 min Scan# 1521
Delta R.T. 0.01 min
Lab File: BN009772.D
Acq: 19 Feb 2020 11:08

Tgt Ion:266 Resp: 43

Ion	Ratio	Lower	Upper
266	100		
264	85.7	58.1	87.1
268	95.2	65.7	98.5



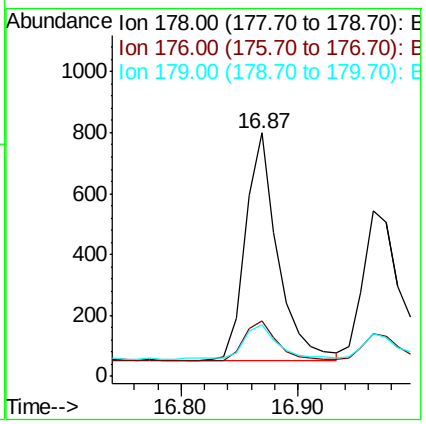


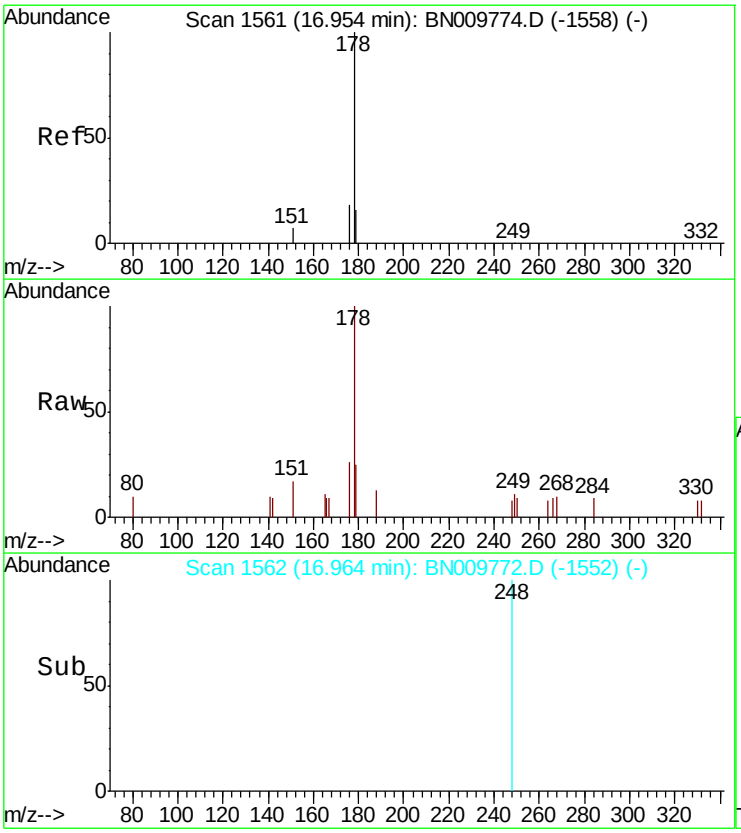
#23
Phenanthrene
Concen: 0.100 ng
RT: 16.87 min Scan# 1553
Delta R.T. 0.01 min
Lab File: BN009772.D
Acq: 19 Feb 2020 11:08

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:178 Resp: 1423

Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.3	22.9
179	16.7	12.4	18.6

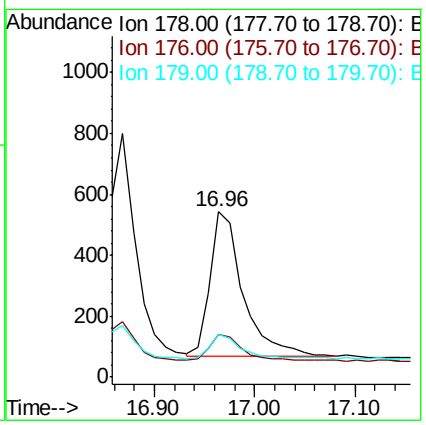


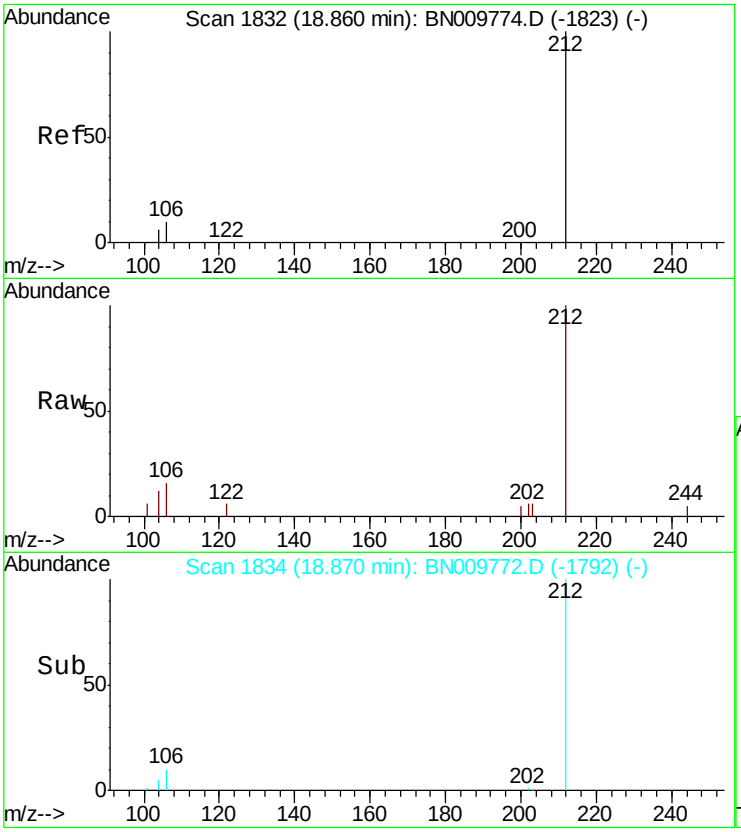


#24
Anthracene
Concen: 0.091 ng
RT: 16.96 min Scan# 1562
Delta R.T. 0.01 min
Lab File: BN009772.D
Acq: 19 Feb 2020 11:08

Tgt Ion:178 Resp: 1091

Ion	Ratio	Lower	Upper
178	100		
176	18.7	14.3	21.5
179	16.4	12.4	18.6



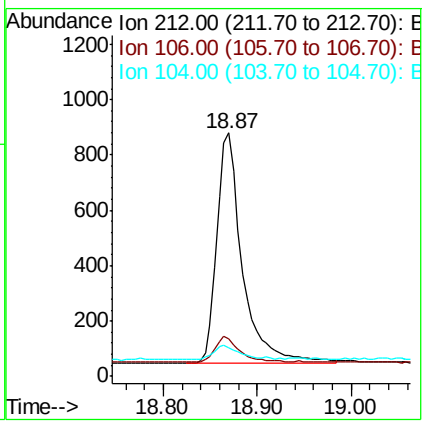


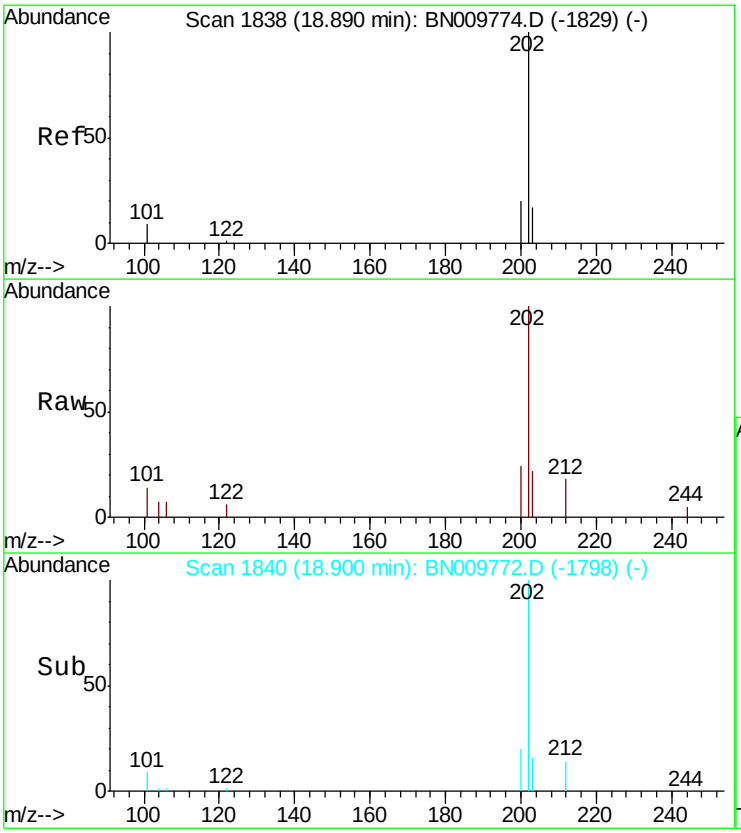
#25
Fluoranthene-d10
Concen: 0.097 ng
RT: 18.87 min Scan# 1834
Delta R.T. 0.01 min
Lab File: BN009772.D
Acq: 19 Feb 2020 11:08

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:212 Resp: 1576

Ion	Ratio	Lower	Upper
212	100		
106	10.9	8.4	12.6
104	6.3	4.8	7.2

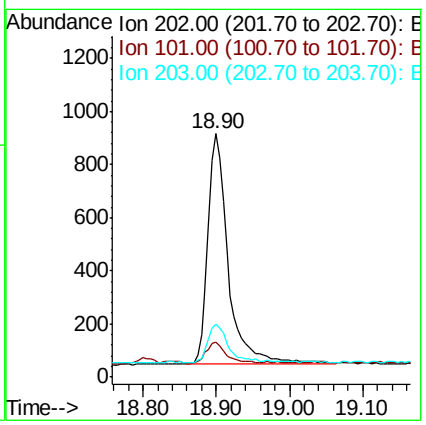


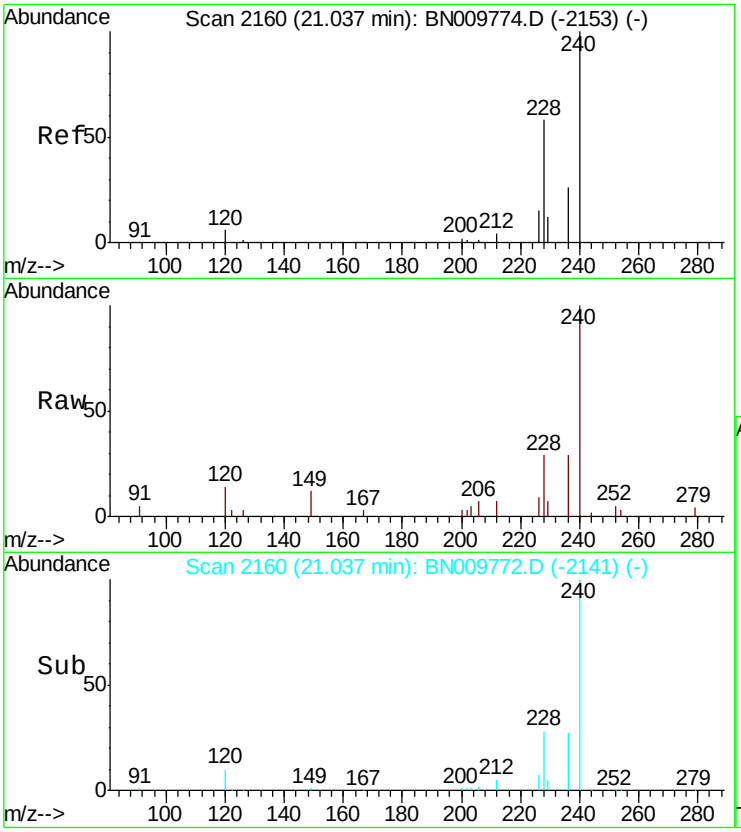


#26
Fluoranthene
Concen: 0.099 ng
RT: 18.90 min Scan# 1840
Delta R.T. 0.01 min
Lab File: BN009772.D
Acq: 19 Feb 2020 11:08

Tgt Ion:202 Resp: 1652

Ion	Ratio	Lower	Upper
202	100		
101	9.0	7.1	10.7
203	16.7	13.8	20.6



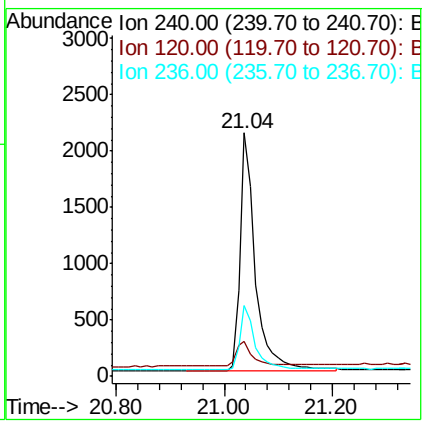


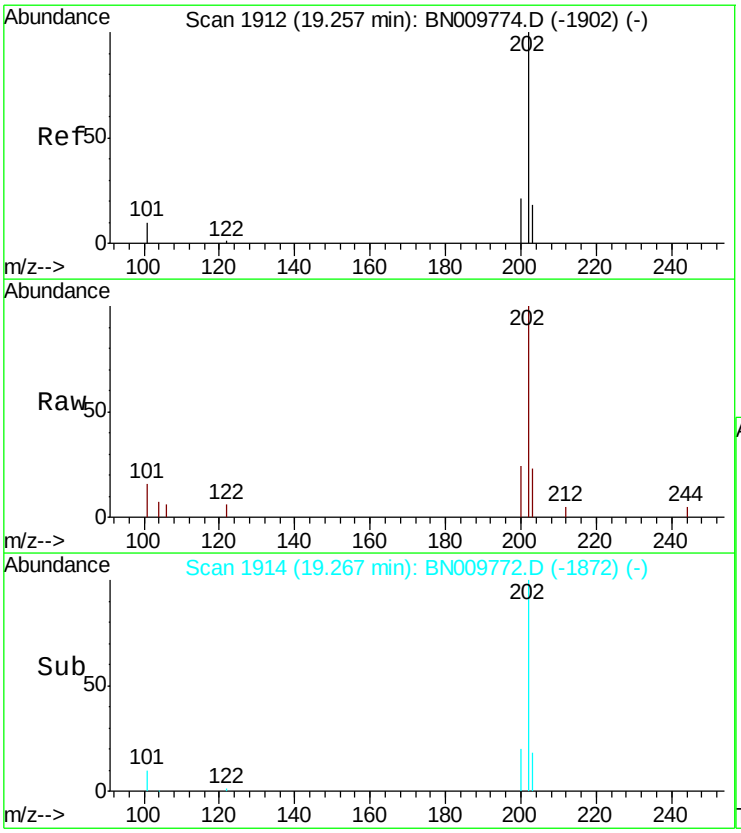
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.04 min Scan# 2160
Delta R.T. -0.00 min
Lab File: BN009772.D
Acq: 19 Feb 2020 11:08

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:240 Resp: 4189

Ion	Ratio	Lower	Upper
240	100		
120	14.2	7.9	11.9#
236	29.3	22.0	33.0

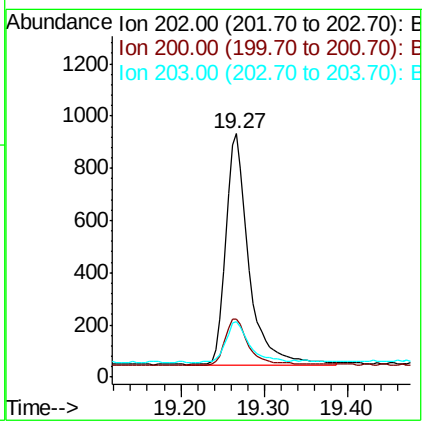


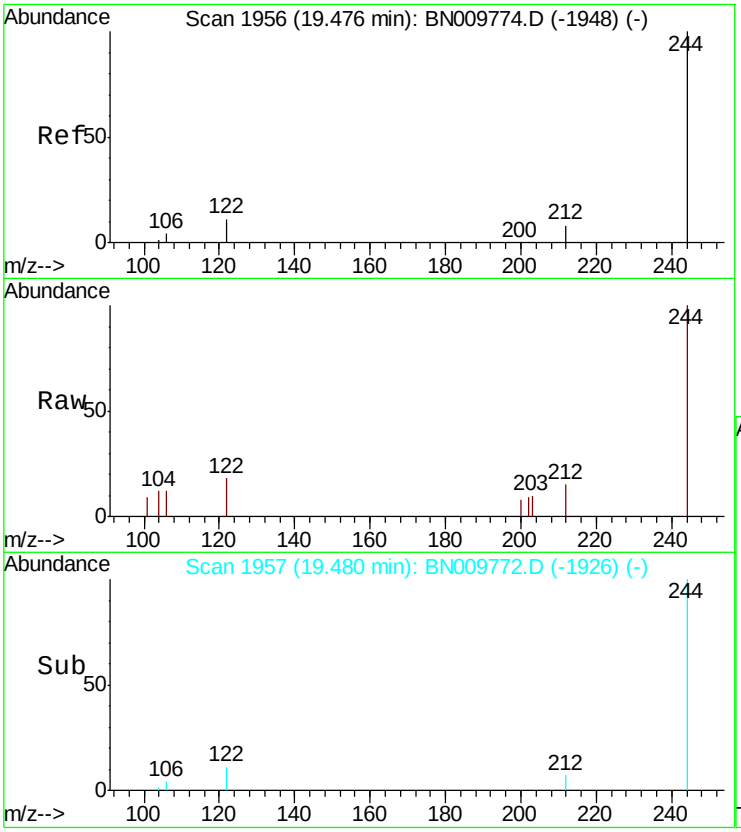


#28
Pyrene
Concen: 0.106 ng
RT: 19.27 min Scan# 1914
Delta R.T. 0.01 min
Lab File: BN009772.D
Acq: 19 Feb 2020 11:08

Tgt Ion:202 Resp: 1689

Ion	Ratio	Lower	Upper
202	100		
200	20.5	16.4	24.6
203	17.5	13.9	20.9



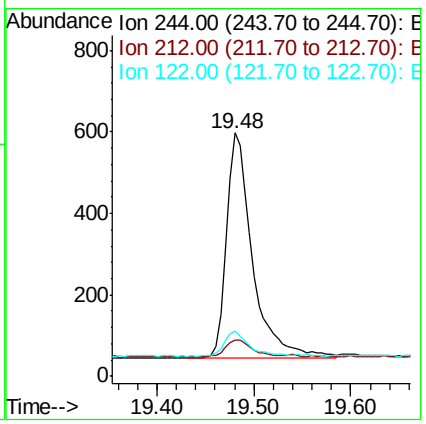


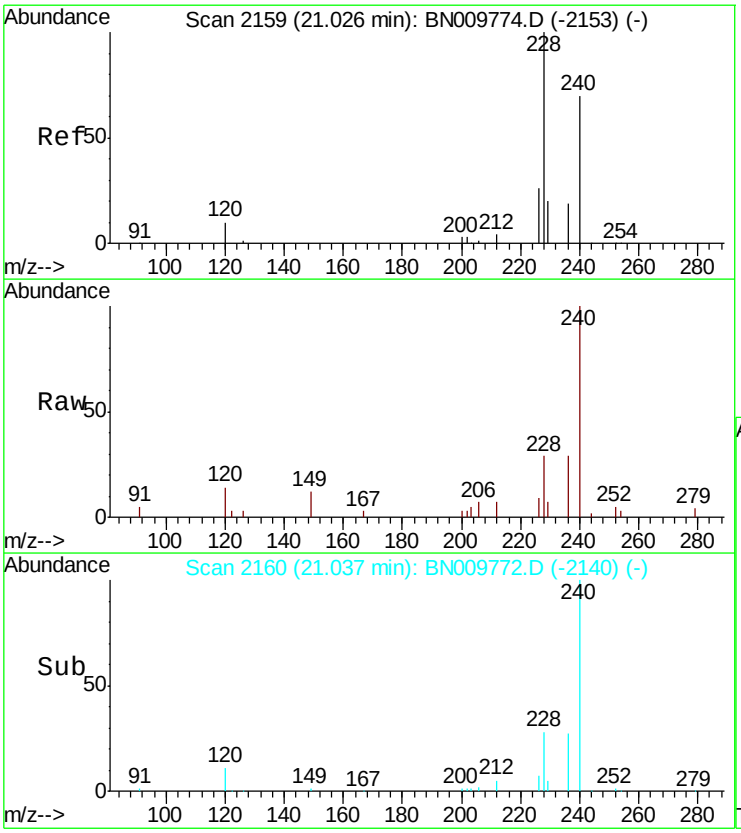
#29
Terphenyl-d14
Concen: 0.104 ng
RT: 19.48 min Scan# 1957
Delta R.T. 0.00 min
Lab File: BN009772.D
Acq: 19 Feb 2020 11:08

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:244 Resp: 1029

Ion	Ratio	Lower	Upper
244	100		
212	14.9	8.0	12.0#
122	18.4	10.0	15.0#

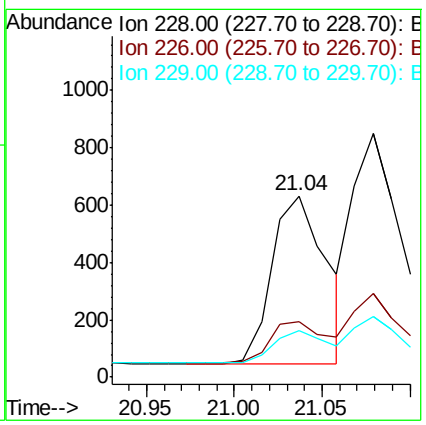


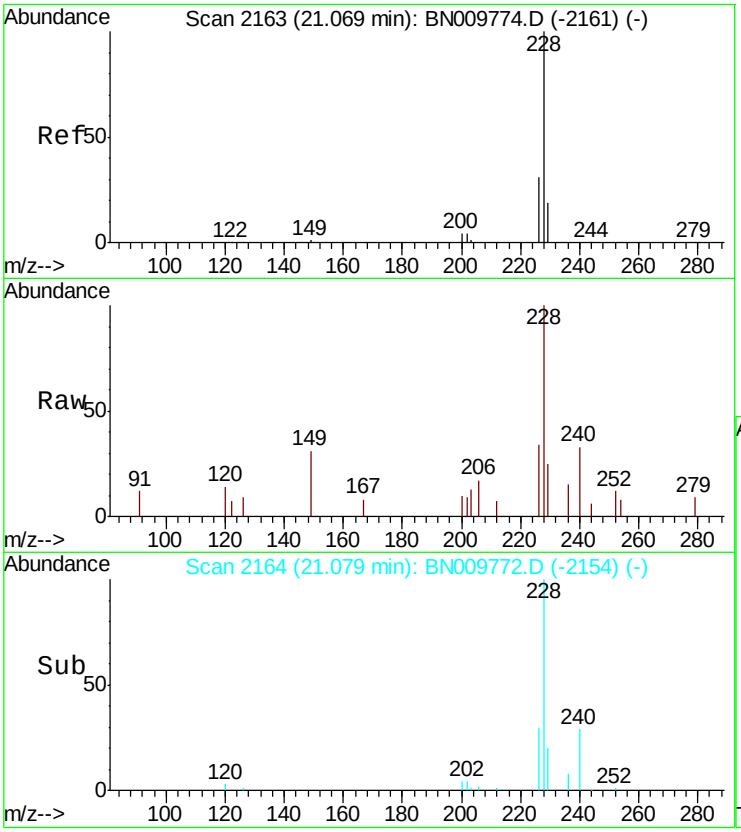


#30
Benzo(a)anthracene
Concen: 0.091 ng
RT: 21.04 min Scan# 2160
Delta R.T. 0.01 min
Lab File: BN009772.D
Acq: 19 Feb 2020 11:08

Tgt Ion:228 Resp: 1256

Ion	Ratio	Lower	Upper
228	100		
226	31.0	21.8	32.8
229	25.6	17.1	25.7



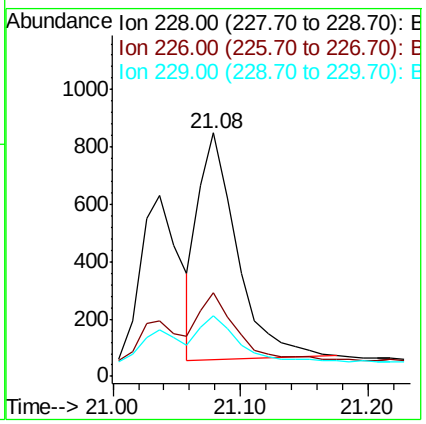


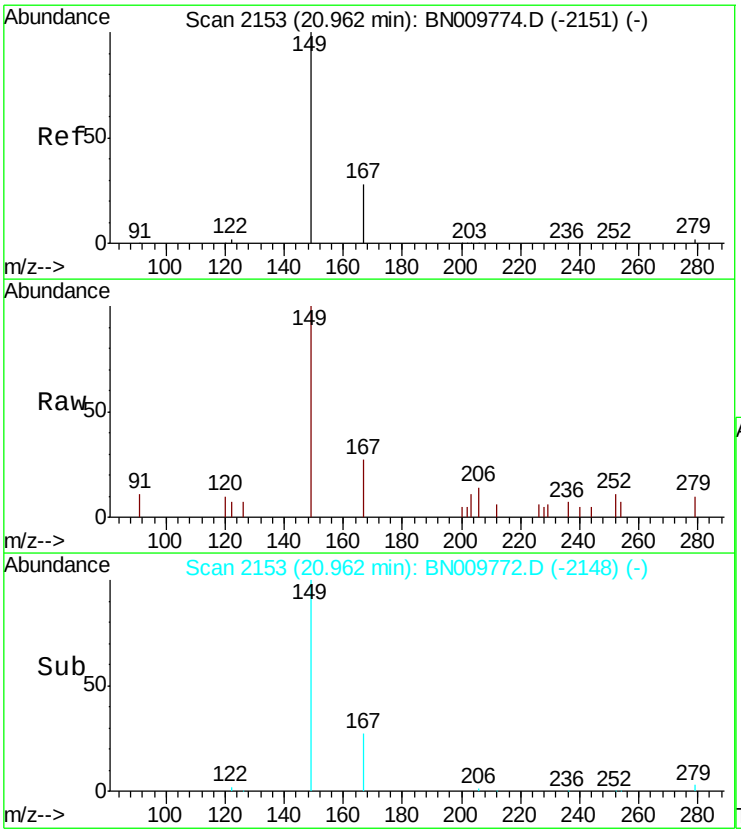
#31
Chrysene
Concen: 0.105 ng
RT: 21.08 min Scan# 2164
Delta R.T. 0.01 min
Lab File: BN009772.D
Acq: 19 Feb 2020 11:08

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:228 Resp: 1658

Ion	Ratio	Lower	Upper
228	100		
226	34.3	24.8	37.2
229	24.7	16.4	24.6#

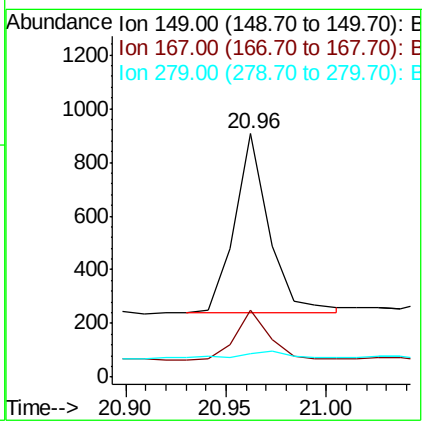


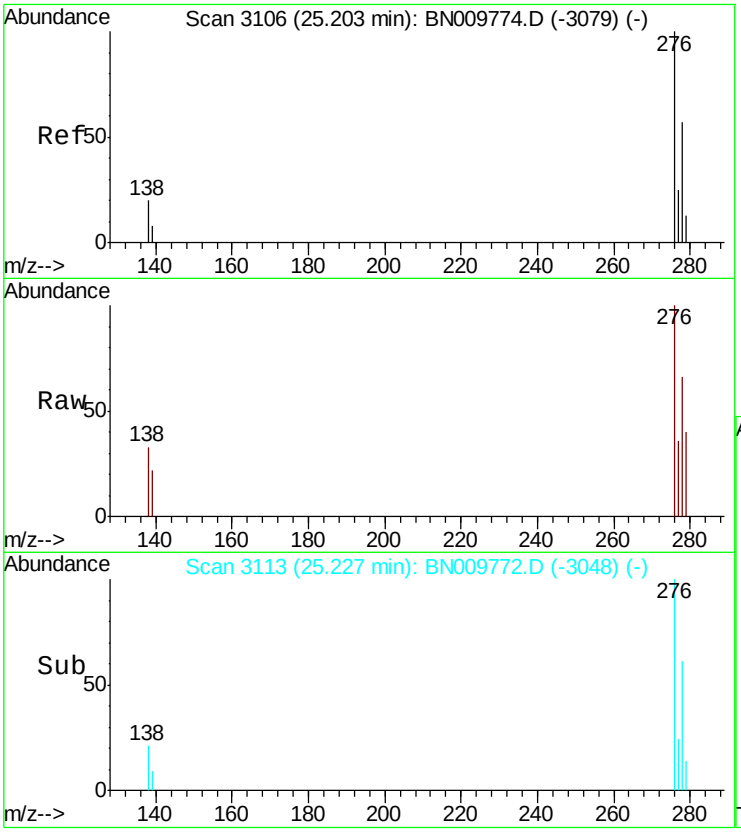


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.130 ng
RT: 20.96 min Scan# 2153
Delta R.T. -0.00 min
Lab File: BN009772.D
Acq: 19 Feb 2020 11:08

Tgt Ion:149 Resp: 794

Ion	Ratio	Lower	Upper
149	100		
167	26.7	22.7	34.1
279	4.5	3.1	4.7



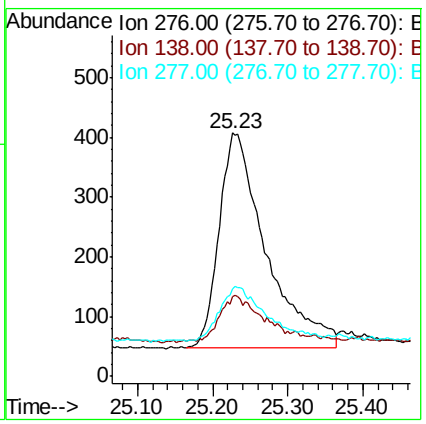


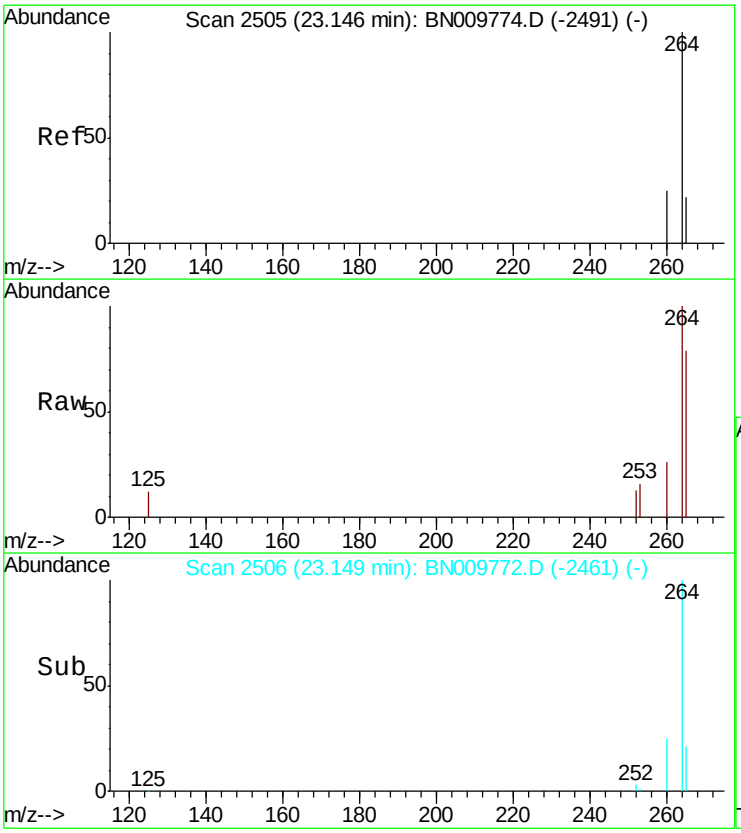
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.093 ng
RT: 25.23 min Scan# 3113
Delta R.T. 0.02 min
Lab File: BN009772.D
Acq: 19 Feb 2020 11:08

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:276 Resp: 1528

Ion	Ratio	Lower	Upper
276	100		
138	20.6	15.8	23.6
277	24.8	19.3	28.9

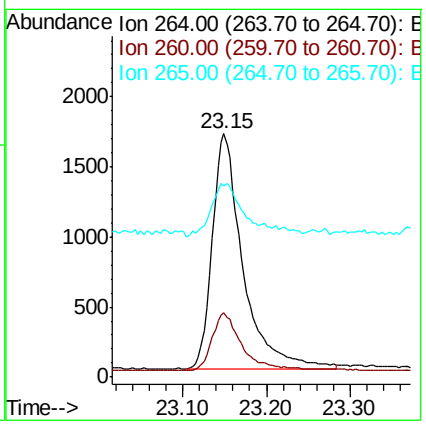


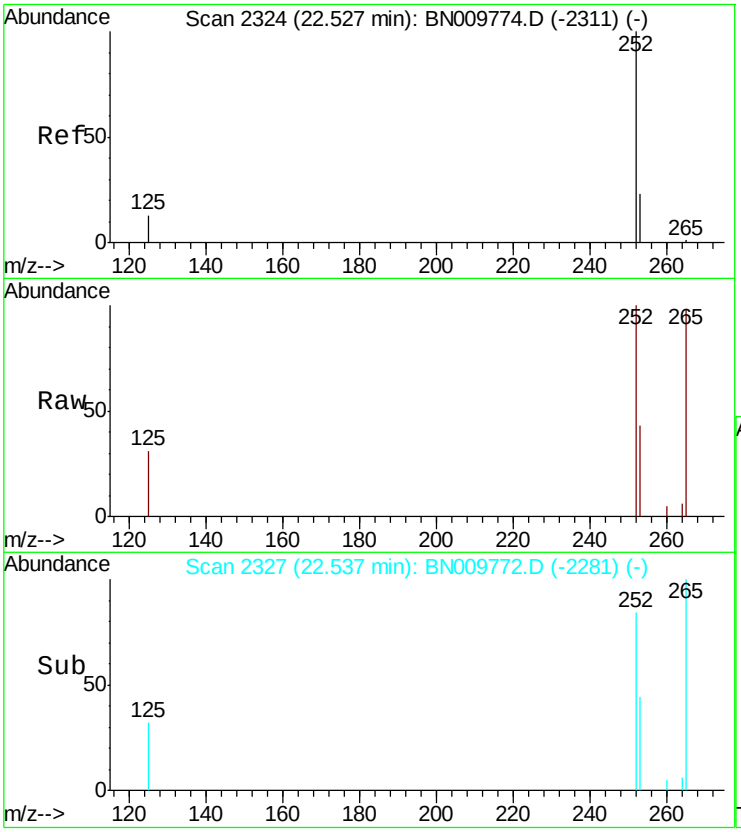


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.15 min Scan# 2506
Delta R.T. 0.00 min
Lab File: BN009772.D
Acq: 19 Feb 2020 11:08

Tgt Ion:264 Resp: 4237

Ion	Ratio	Lower	Upper
264	100		
260	26.4	21.1	31.7
265	78.7	57.5	86.3



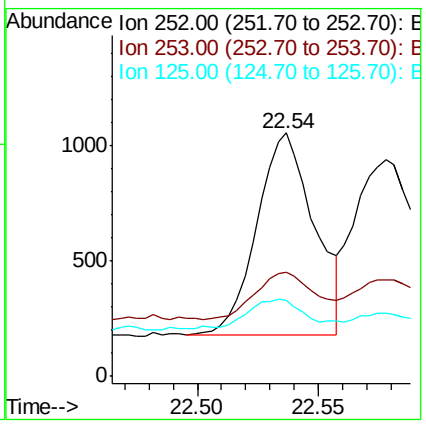


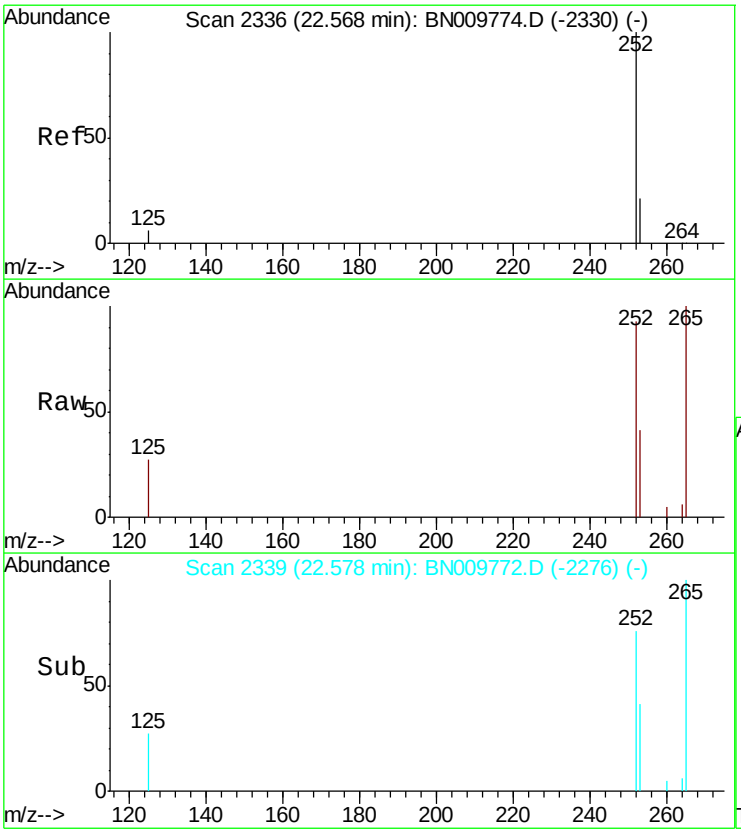
#35
Benzo(b)fluoranthene
Concen: 0.094 ng
RT: 22.54 min Scan# 2327
Delta R.T. 0.01 min
Lab File: BN009772.D
Acq: 19 Feb 2020 11:08

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:252 Resp: 1464

Ion	Ratio	Lower	Upper
252	100		
253	42.9	23.0	34.6#
125	31.4	14.4	21.6#

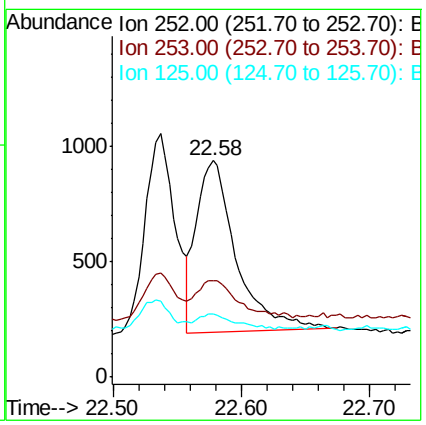


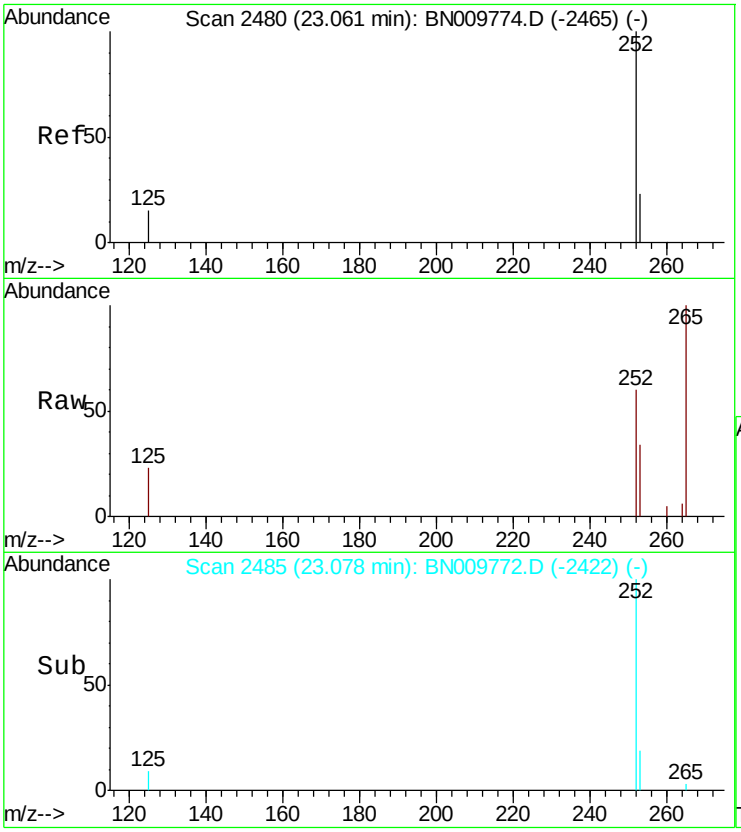


#36
Benzo(k)fluoranthene
Concen: 0.094 ng
RT: 22.58 min Scan# 2339
Delta R.T. 0.01 min
Lab File: BN009772.D
Acq: 19 Feb 2020 11:08

Tgt Ion:252 Resp: 1621

Ion	Ratio	Lower	Upper
252	100		
253	44.5	22.2	33.2#
125	29.0	10.5	15.7#



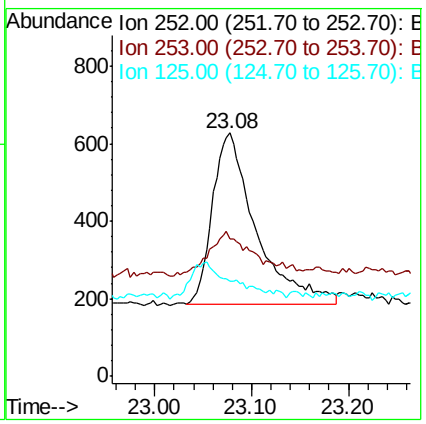


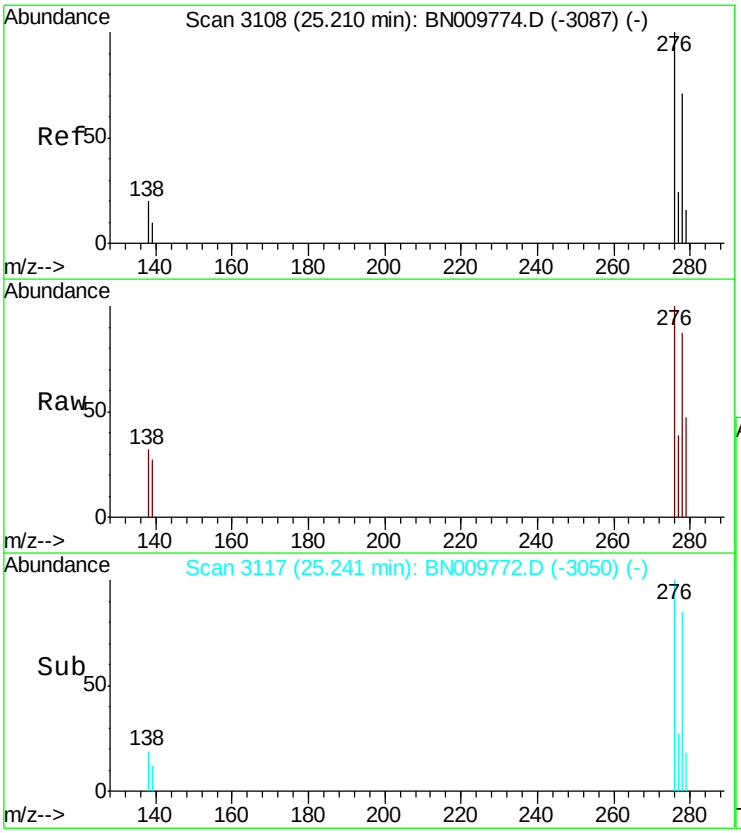
#37
Benzo(a)pyrene
Concen: 0.101 ng
RT: 23.08 min Scan# 2485
Delta R.T. 0.02 min
Lab File: BN009772.D
Acq: 19 Feb 2020 11:08

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:252 Resp: 1388

Ion	Ratio	Lower	Upper
252	100		
253	56.2	25.3	37.9#
125	39.2	17.7	26.5#

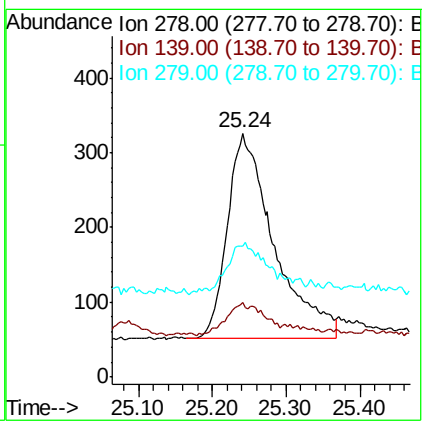


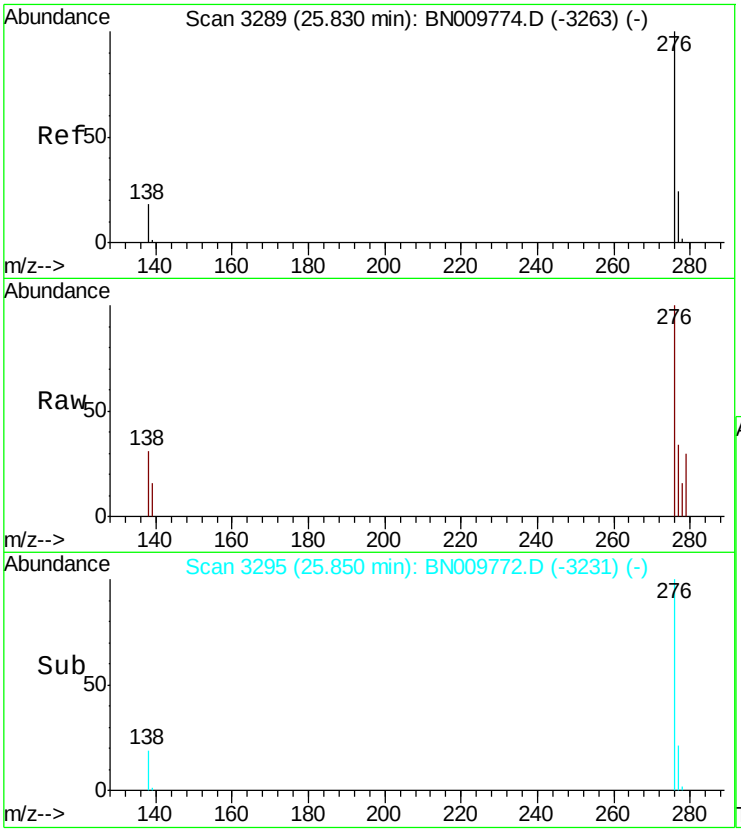


#38
Dibenzo(a,h)anthracene
Concen: 0.088 ng
RT: 25.24 min Scan# 3117
Delta R.T. 0.03 min
Lab File: BN009772.D
Acq: 19 Feb 2020 11:08

Tgt Ion:278 Resp: 1214

Ion	Ratio	Lower	Upper
278	100		
139	30.4	14.5	21.7#
279	53.7	24.3	36.5#





#39
Benzo(g,h,i)perylene
Concen: 0.093 ng
RT: 25.85 min Scan# 3295
Delta R.T. 0.02 min
Lab File: BN009772.D
Acq: 19 Feb 2020 11:08

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:276 Resp: 1412

Ion	Ratio	Lower	Upper
276	100		
277	34.1	21.4	32.0#
138	31.5	16.6	24.8#