Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN030920\
Data File : BN010149.D
Acq On : 09 Mar 2020 16:39
Operator : CG/JU
Sample : L1798-21
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId :

Quant Time: Mar 09 17:24:03 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 15:57:43 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	858	0.40	ng		-0.04
7) Naphthalene-d8	10.11	136	3286	0.40	ng		-0.06
13) Acenaphthene-d10	13.99	164	1694	0.40	ng		-0.07
19) Phenanthrene-d10	16.76	188	4596	0.40	ng		-0.05
27) Chrysene-d12	20.99	240	3877	0.40	ng		-0.04
34) Perylene-d12	23.10	264	1433	0.40	ng		-0.05
System Monitoring Compounds							
4) 2-Fluorophenol	5.04	112	864	0.45	ng		-0.05
5) Phenol-d6	6.67	99	696	0.30	ng		0.02
8) Nitrobenzene-d5	8.58	82	640	0.23	ng		-0.01
11) 2-Methylnaphthalene-d10	11.74	152	1711	0.27	ng		-0.04
14) 2,4,6-Tribromophenol	15.55	330	329	0.50	ng		-0.03
15) 2-Fluorobiphenyl	12.63	172	2633	0.41	ng		-0.06
25) Fluoranthene-d10	18.81	212	3954	0.25	ng		-0.05
29) Terphenyl-d14	19.43	244	3878	0.42	ng		-0.04
Target Compounds							Qvalue
2) 1,4-Dioxane	3.06	88	117	0.133	ng	#	68
3) n-Nitrosodimethylamine	3.43	42	1067	0.740	ng	#	14
9) Naphthalene	10.15	128	32943	3.676	ng		94
16) Acenaphthylene	13.71	152	19033	2.636	ng		100
17) Acenaphthene	14.06	154	75803	14.927	ng		99
18) Fluorene	15.07	166	45895	6.849	ng		99
20) 4-Bromophenyl-phenylether	16.01	248	29	Below Cal		#	77
22) Pentachlorophenol	16.46	266	55	0.236	ng	#	29
23) Phenanthrene	16.80	178	32963	2.410	ng		99
24) Anthracene	16.91	178	23927	2.069	ng		100
26) Fluoranthene	18.84	202	24246	1.480	ng		99
28) Pyrene	19.21	202	28824	1.958	ng		100
30) Benzo(a)anthracene	20.97	228	18847	1.465	ng		98
31) Chrysene	21.03	228	43762	2.940	ng		98
33) Indeno(1,2,3-cd)pyrene	25.12	276	17306	1.116	ng	#	93
35) Benzo(b)fluoranthene	22.48	252	9886	1.887	ng	#	90
36) Benzo(k)fluoranthene	22.48	252	9886	1.733	ng		95
37) Benzo(a)pyrene	23.00	252	28523	5.967	ng	#	81
38) Dibenzo(a,h)anthracene	25.12	278	26981	5.732	ng	#	90
39) Benzo(g,h,i)perylene	25.73	276	33533	6.688	ng		95

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN030920\
Data File : BN010149.D
Acq On : 09 Mar 2020 16:39
Operator : CG/JU
Sample : L1798-21
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Mar 09 17:24:03 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 15:57:43 2020
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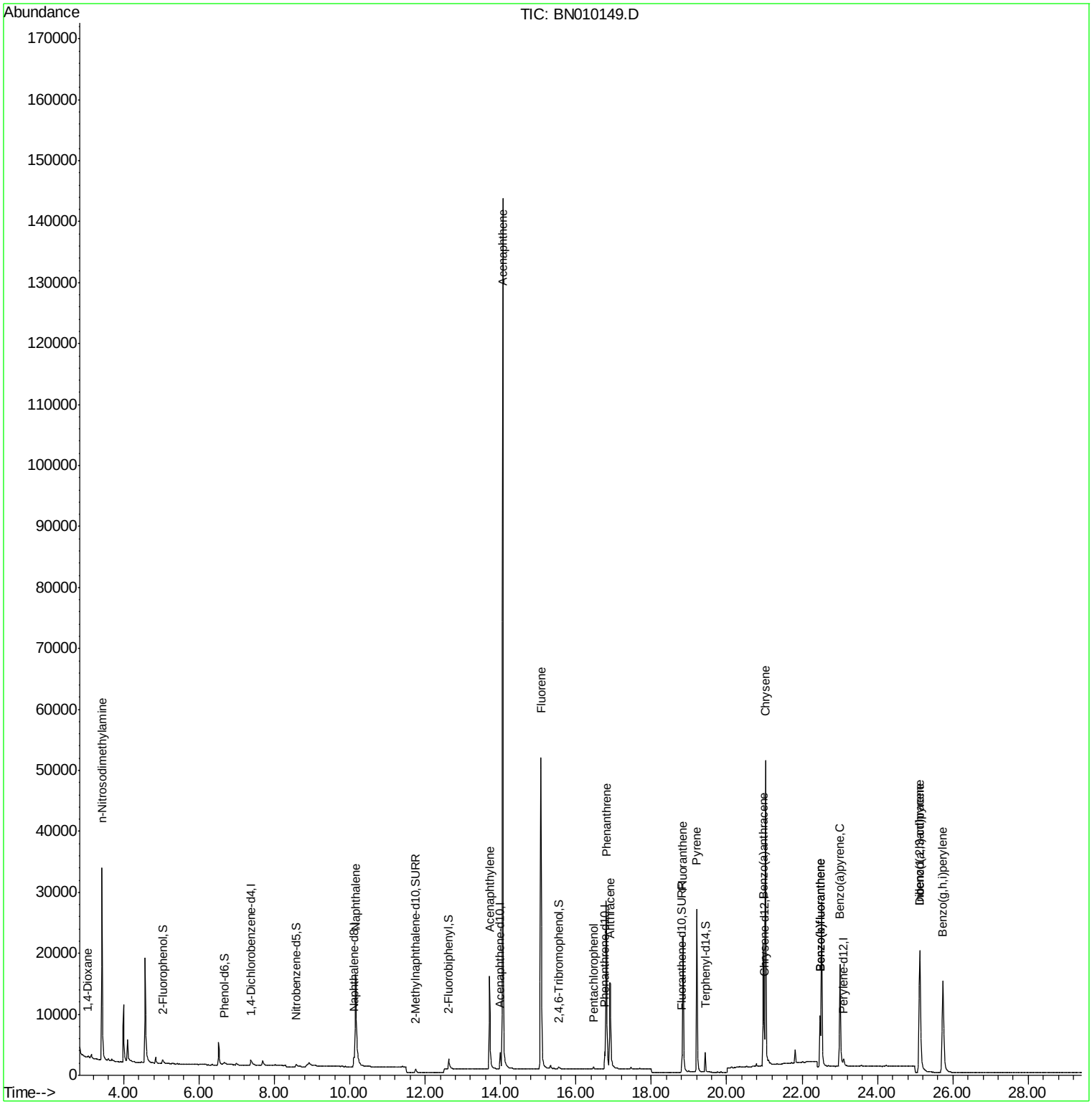
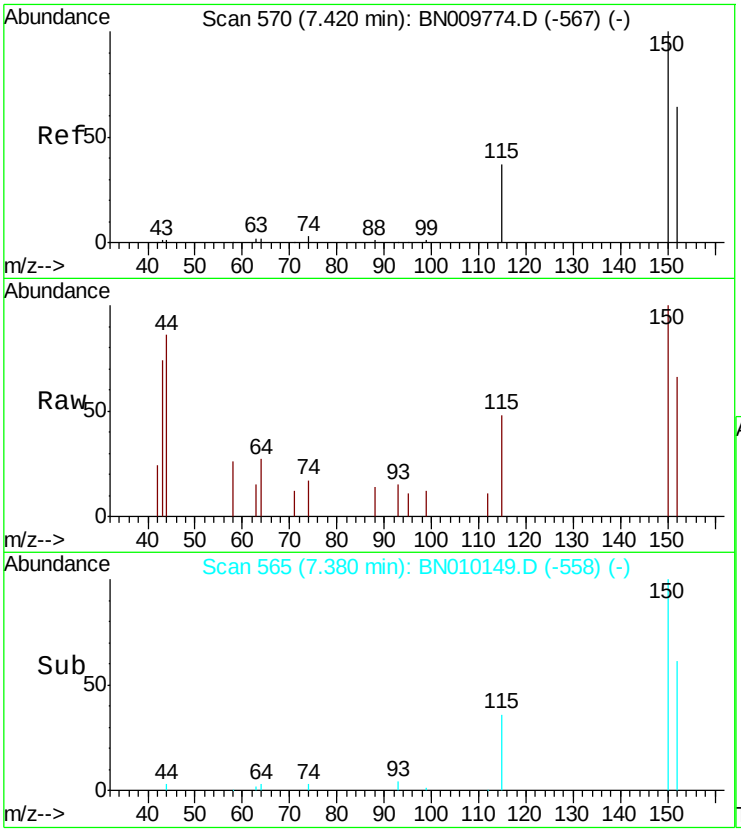


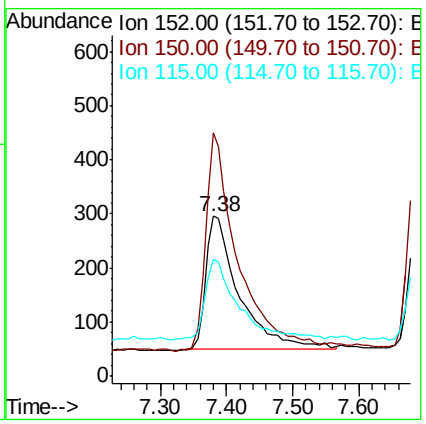


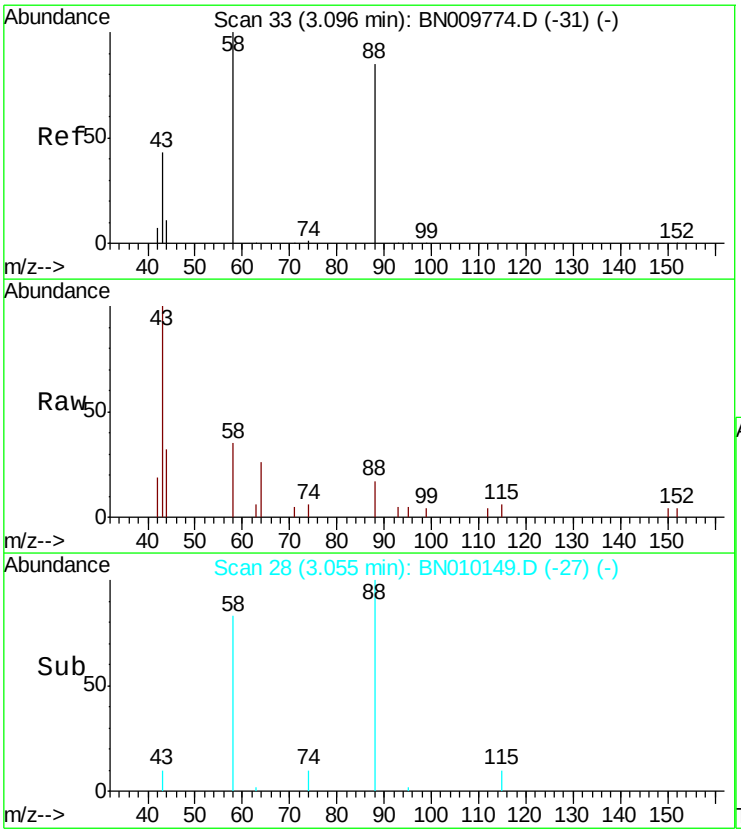
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.38 min Scan# 565
Delta R.T. -0.04 min
Lab File: BN010149.D
Acq: 09 Mar 2020 16:39

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 858

Ion	Ratio	Lower	Upper
152	100		
150	152.0	120.6	181.0
115	72.6	51.2	76.8

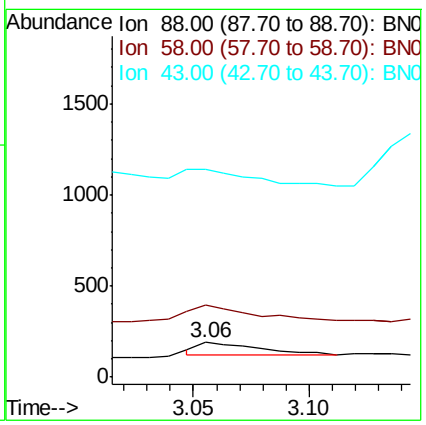


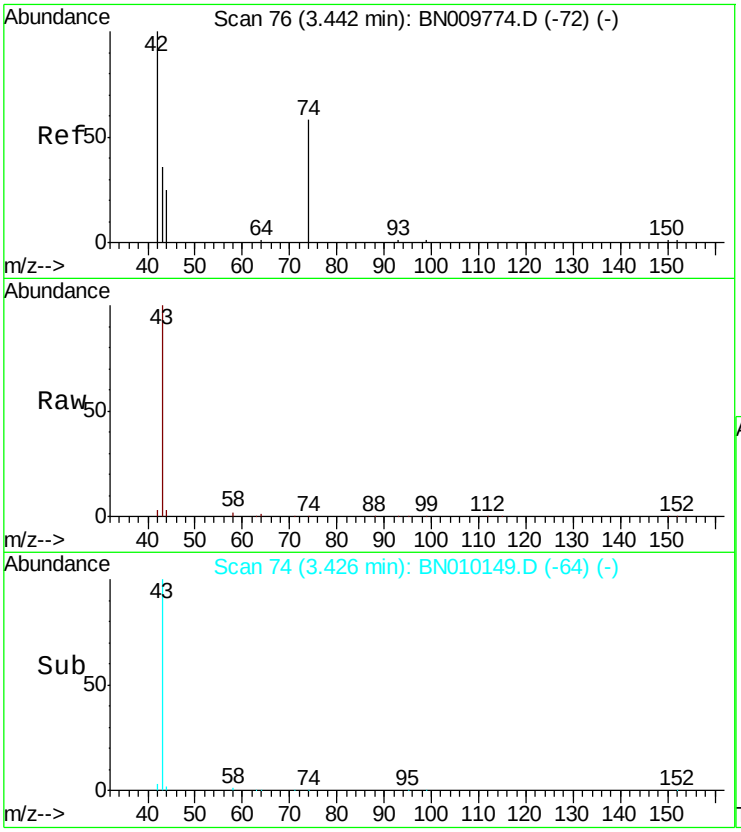


#2
1,4-Dioxane
Concen: 0.133 ng
RT: 3.06 min Scan# 28
Delta R.T. -0.04 min
Lab File: BN010149.D
Acq: 09 Mar 2020 16:39

Tgt Ion: 88 Resp: 117

Ion	Ratio	Lower	Upper
88	100		
58	109.4	97.8	146.8
43	0.0	45.1	67.7#



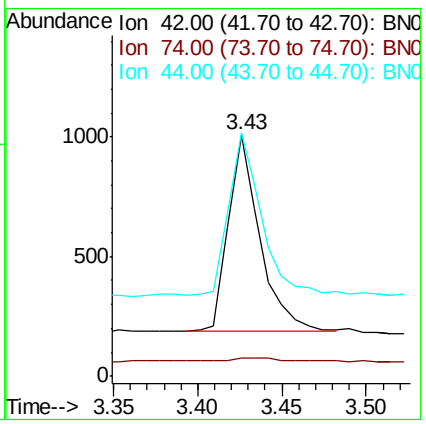


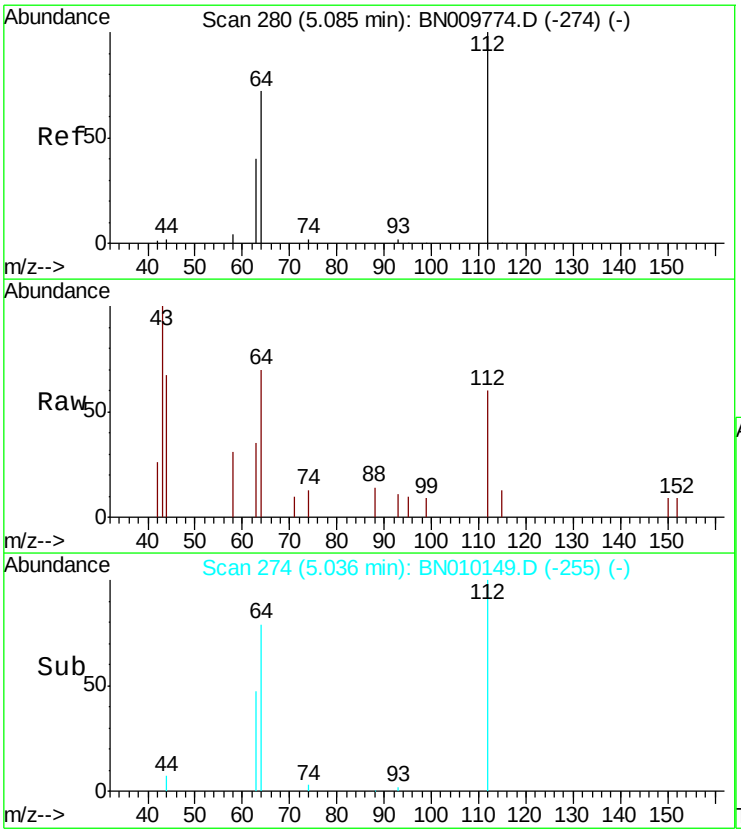
#3
n-Nitrosodimethylamine
Concen: 0.740 ng
RT: 3.43 min Scan# 74
Delta R.T. -0.02 min
Lab File: BN010149.D
Acq: 09 Mar 2020 16:39

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 42 Resp: 1067

Ion	Ratio	Lower	Upper
42	100		
74	3.5	51.2	76.8#
44	84.3	2.6	4.0#

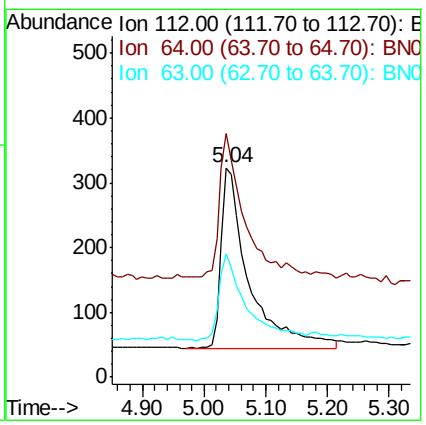


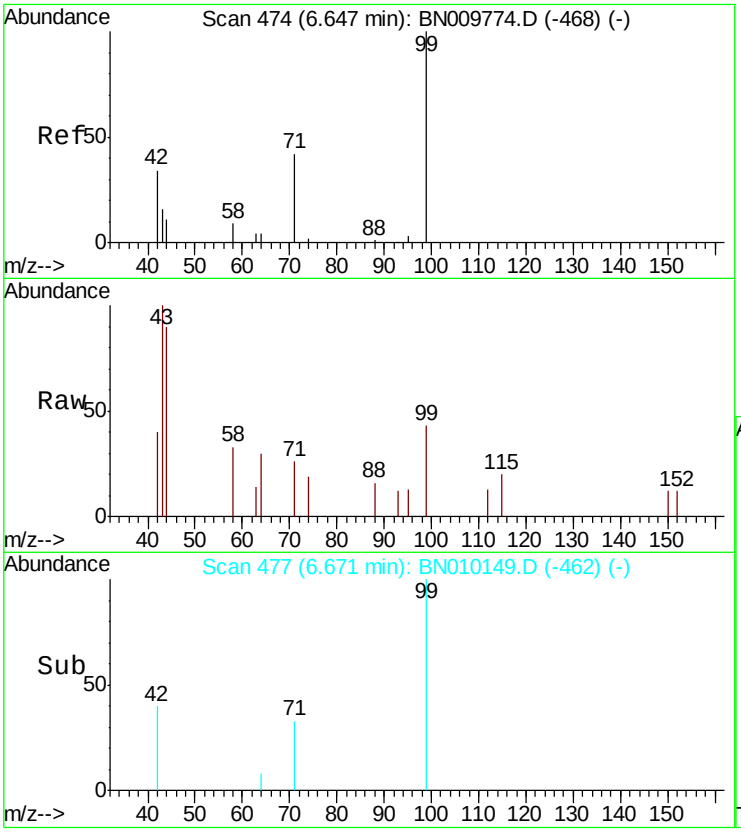


#4
2-Fluorophenol
Concen: 0.453 ng
RT: 5.04 min Scan# 274
Delta R.T. -0.05 min
Lab File: BN010149.D
Acq: 09 Mar 2020 16:39

Tgt Ion:112 Resp: 864

Ion	Ratio	Lower	Upper
112	100		
64	72.0	65.8	98.6
63	47.6	38.7	58.1



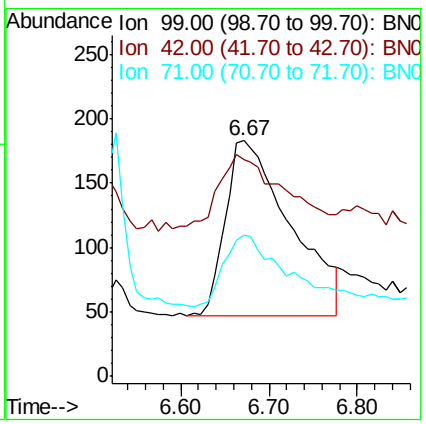


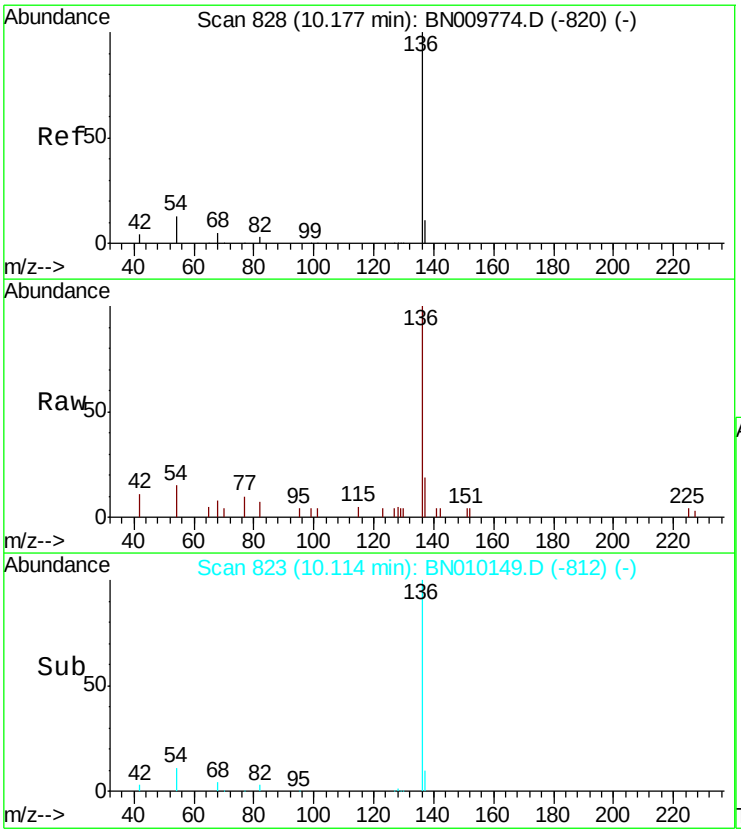
#5
Phenol-d6
Concen: 0.300 ng
RT: 6.67 min Scan# 477
Delta R.T. 0.02 min
Lab File: BN010149.D
Acq: 09 Mar 2020 16:39

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 99 Resp: 696

Ion	Ratio	Lower	Upper
99	100		
42	40.8	30.8	46.2
71	39.1	34.9	52.3

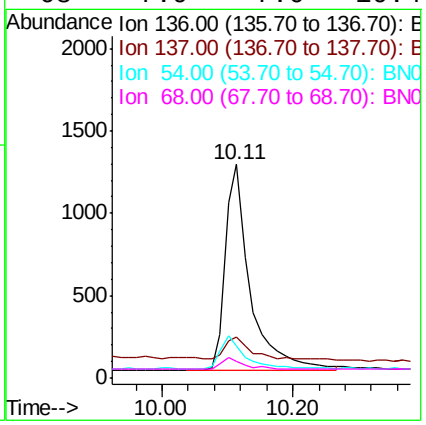


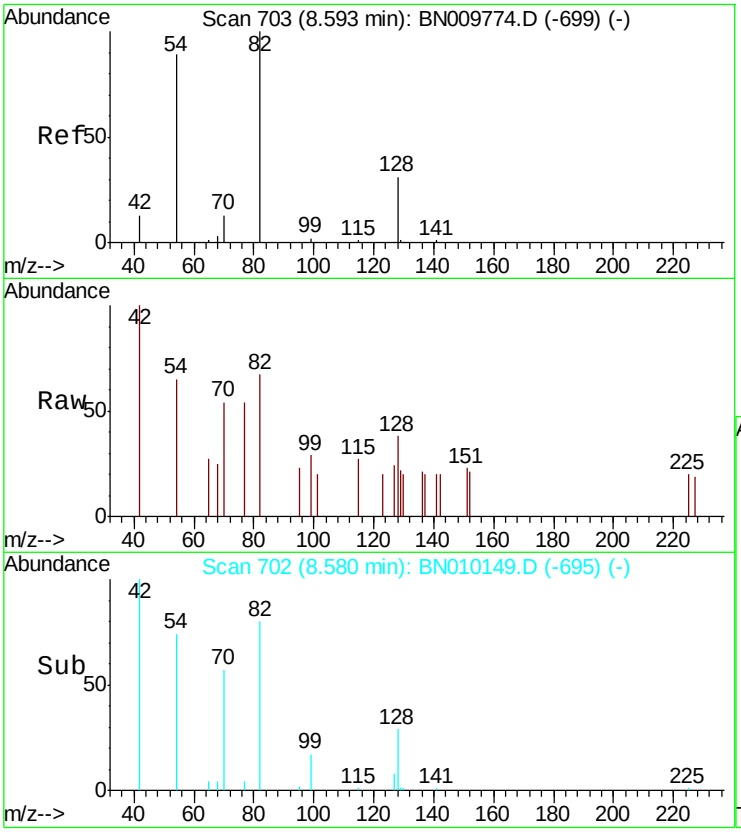


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.11 min Scan# 823
Delta R.T. -0.06 min
Lab File: BN010149.D
Acq: 09 Mar 2020 16:39

Tgt Ion:136 Resp: 3286

Ion	Ratio	Lower	Upper
136	100		
137	19.3	11.3	16.9#
54	14.7	13.4	20.2
68	7.9	7.0	10.4



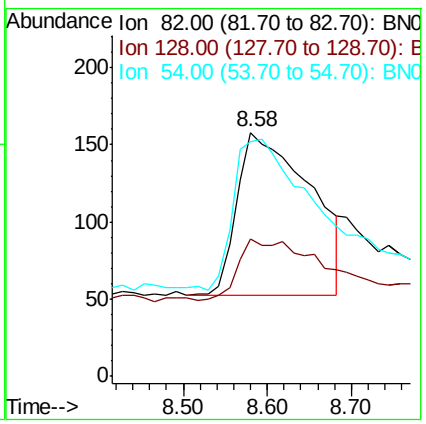


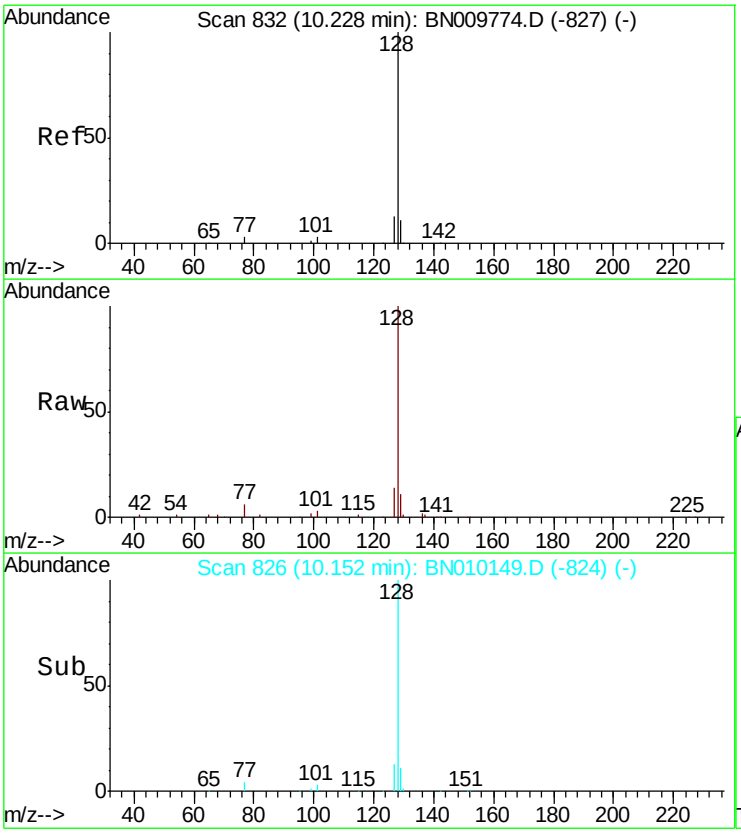
#8
Nitrobenzene-d5
Concen: 0.234 ng
RT: 8.58 min Scan# 702
Delta R.T. -0.01 min
Lab File: BN010149.D
Acq: 09 Mar 2020 16:39

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 82 Resp: 640

Ion	Ratio	Lower	Upper
82	100		
128	56.3	32.5	48.7#
54	96.2	73.5	110.3

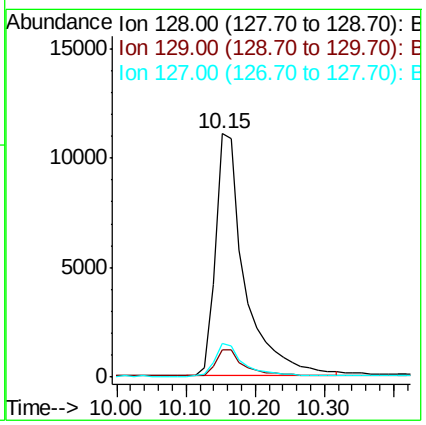


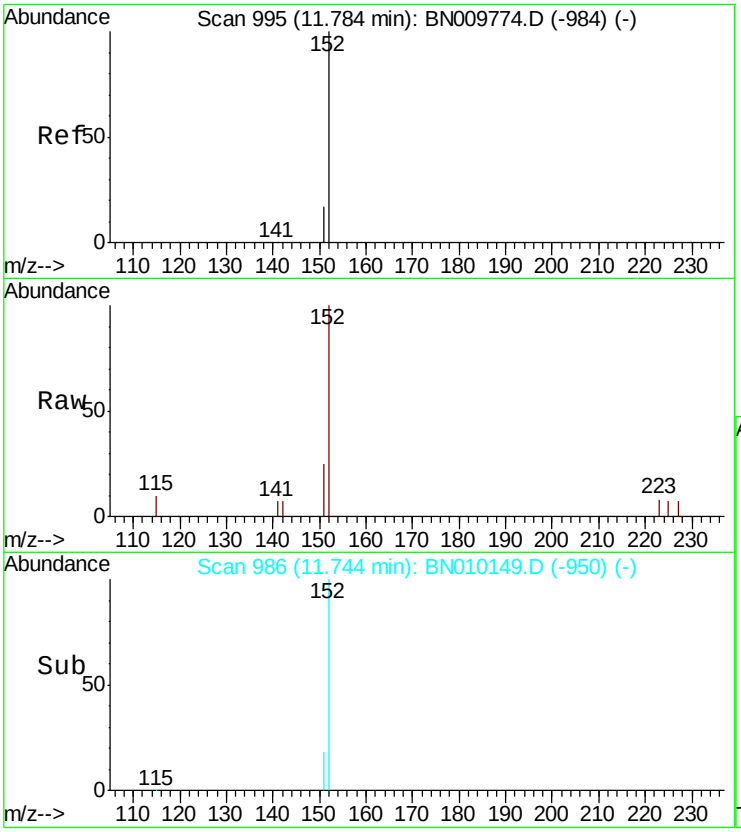


#9
Naphthalene
Concen: 3.676 ng
RT: 10.15 min Scan# 826
Delta R.T. -0.08 min
Lab File: BN010149.D
Acq: 09 Mar 2020 16:39

Tgt Ion:128 Resp: 32943

Ion	Ratio	Lower	Upper
128	100		
129	11.2	11.1	16.7
127	13.8	12.6	19.0



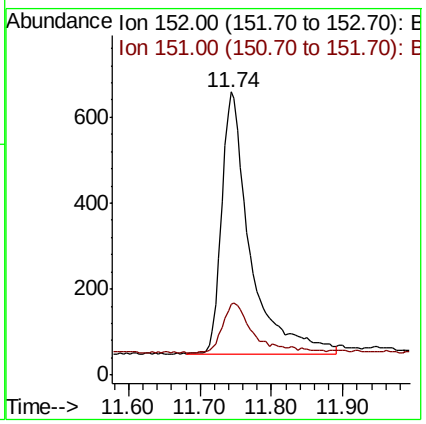


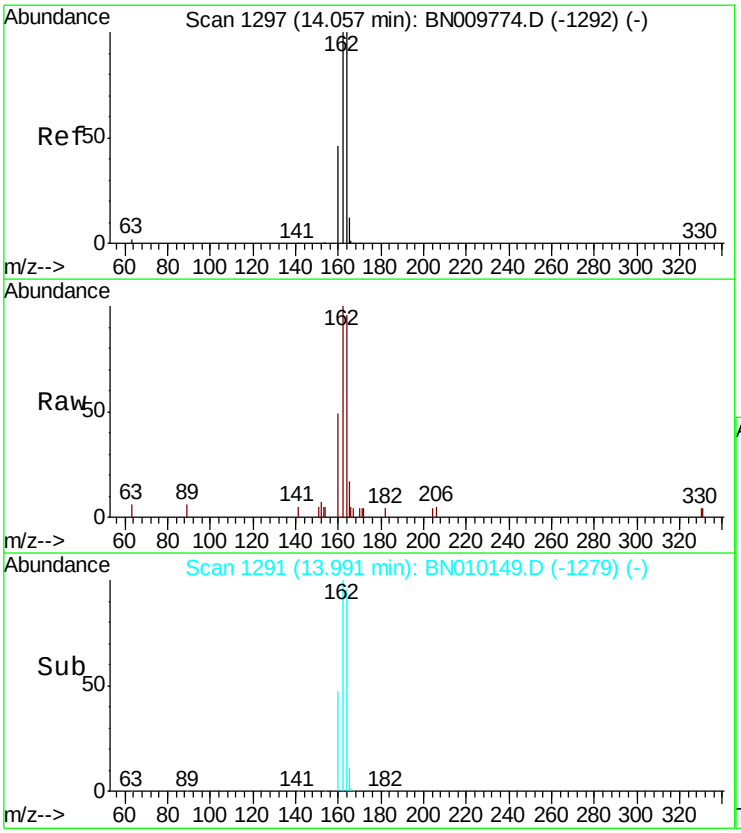
#11
2-Methylnaphthalene-d10
Concen: 0.269 ng
RT: 11.74 min Scan# 986
Delta R.T. -0.04 min
Lab File: BN010149.D
Acq: 09 Mar 2020 16:39

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 1711

Ion	Ratio	Lower	Upper
152	100		
151	18.8	15.1	22.7

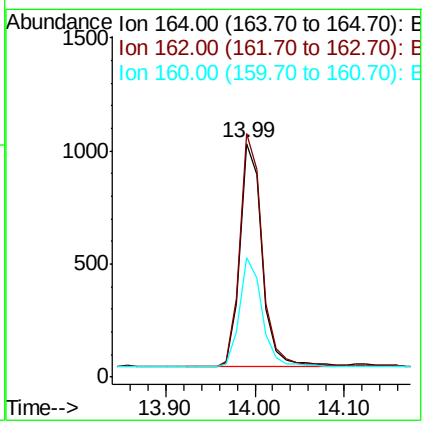


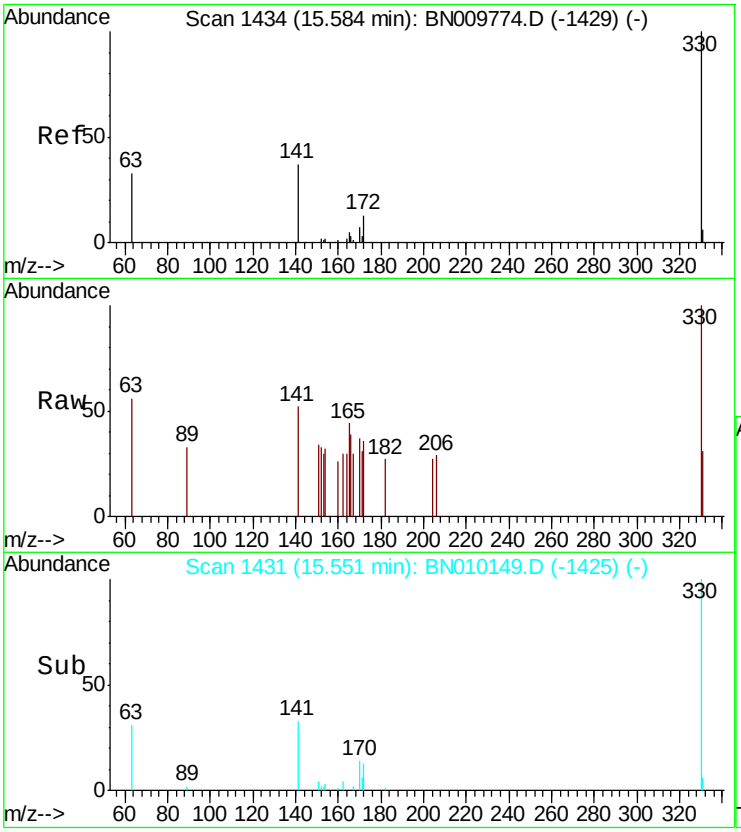


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 13.99 min Scan# 1291
Delta R.T. -0.07 min
Lab File: BN010149.D
Acq: 09 Mar 2020 16:39

Tgt Ion:164 Resp: 1694

Ion	Ratio	Lower	Upper
164	100		
162	104.3	79.9	119.9
160	51.2	38.2	57.2



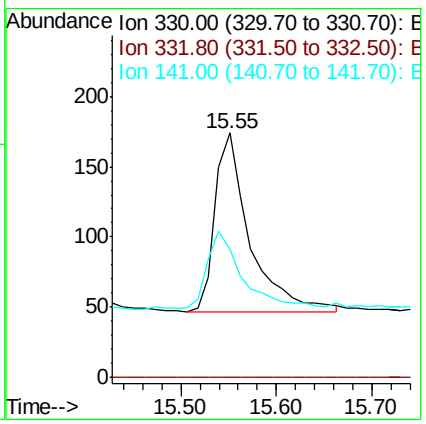


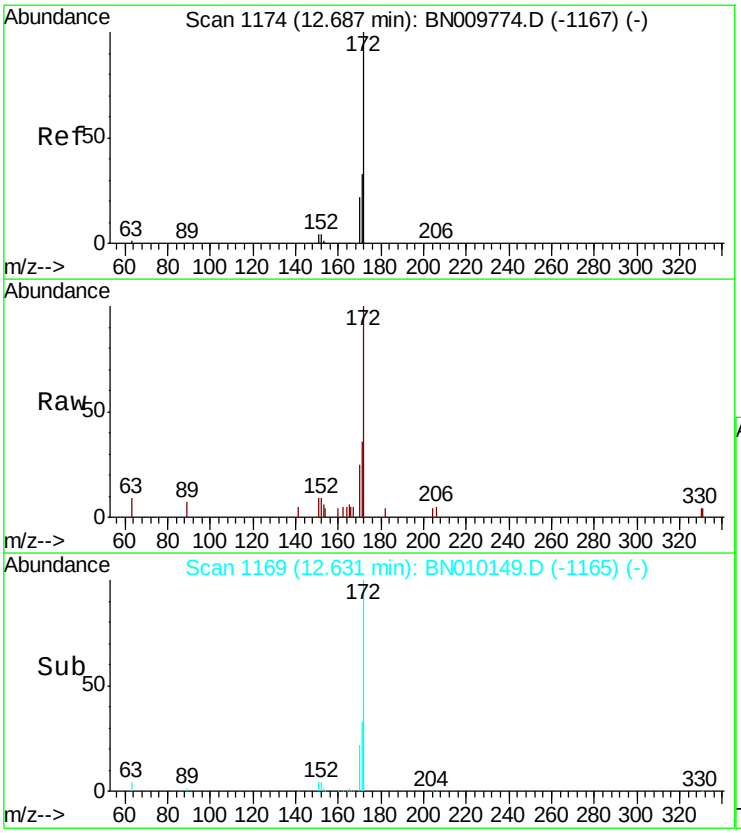
#14
2,4,6-Tribromophenol
Concen: 0.504 ng
RT: 15.55 min Scan# 1431
Delta R.T. -0.03 min
Lab File: BN010149.D
Acq: 09 Mar 2020 16:39

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:330 Resp: 329

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	43.8	36.8	55.2

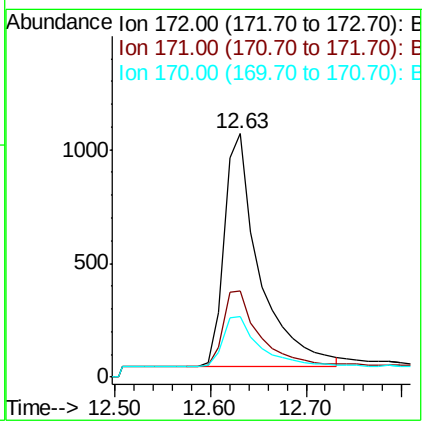


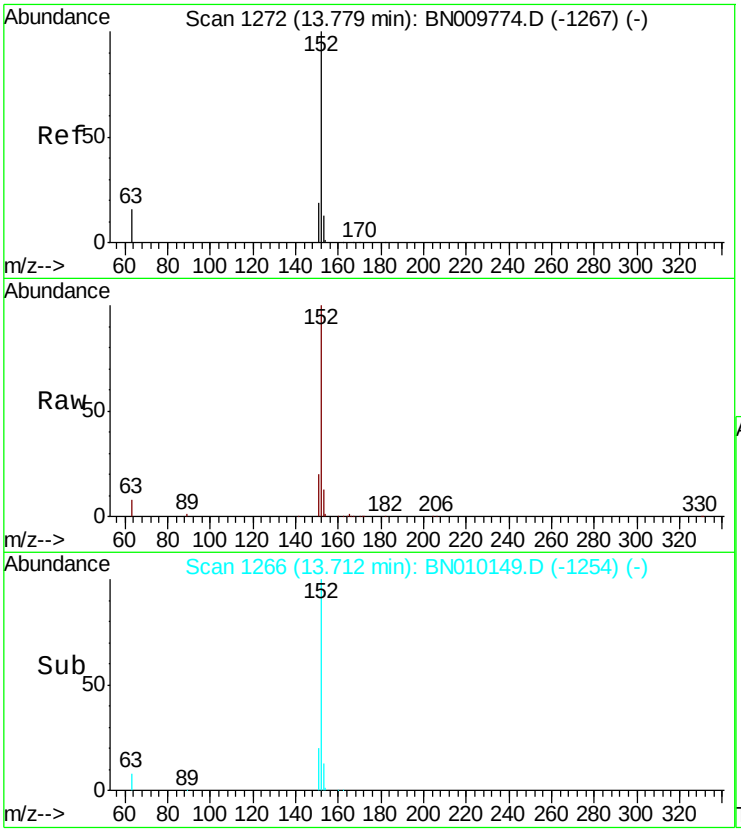


#15
2-Fluorobiphenyl
Concen: 0.412 ng
RT: 12.63 min Scan# 1169
Delta R.T. -0.06 min
Lab File: BN010149.D
Acq: 09 Mar 2020 16:39

Tgt Ion:172 Resp: 2633

Ion	Ratio	Lower	Upper
172	100		
171	35.6	28.7	43.1
170	25.1	20.1	30.1



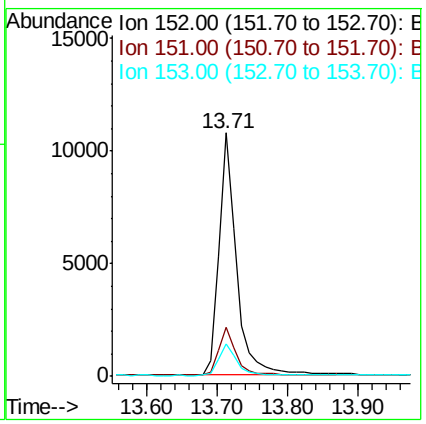


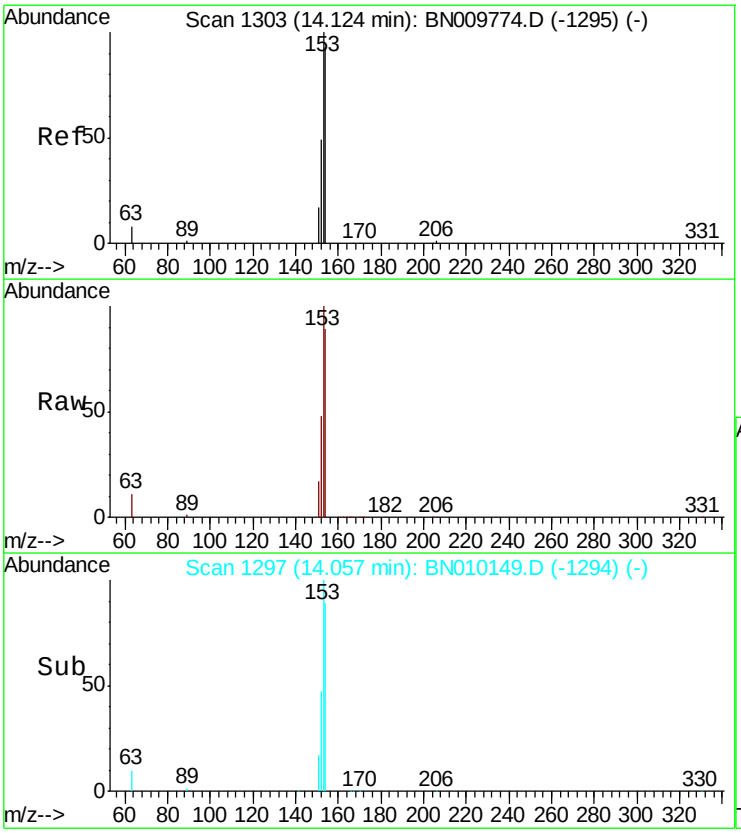
#16
Acenaphthylene
Concen: 2.636 ng
RT: 13.71 min Scan# 1266
Delta R.T. -0.07 min
Lab File: BN010149.D
Acq: 09 Mar 2020 16:39

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 19033

Ion	Ratio	Lower	Upper
152	100		
151	19.6	15.8	23.6
153	13.2	10.2	15.4

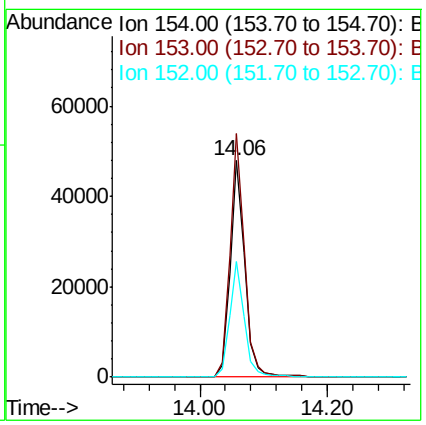


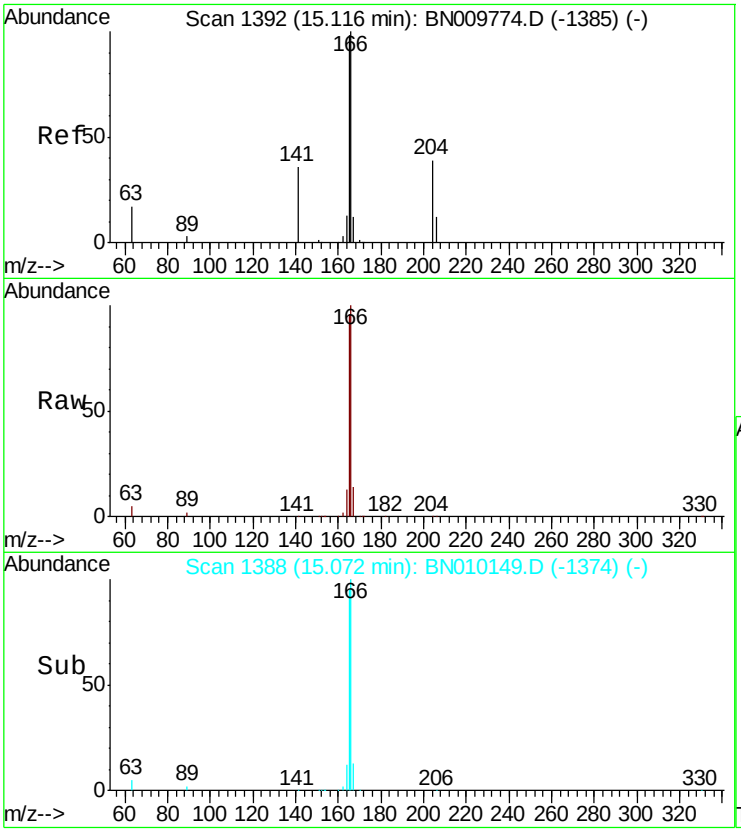


#17
Acenaphthene
Concen: 14.927 ng
RT: 14.06 min Scan# 1297
Delta R.T. -0.07 min
Lab File: BN010149.D
Acq: 09 Mar 2020 16:39

Tgt Ion:154 Resp: 75803

Ion	Ratio	Lower	Upper
154	100		
153	111.9	88.9	133.3
152	53.5	44.2	66.2



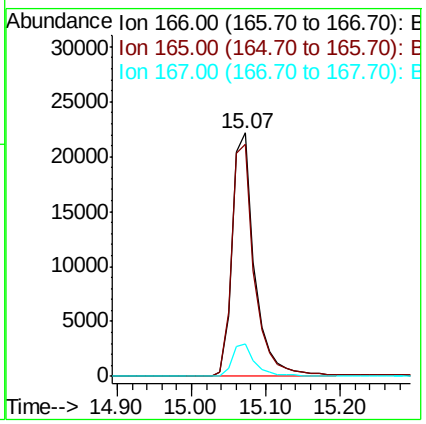


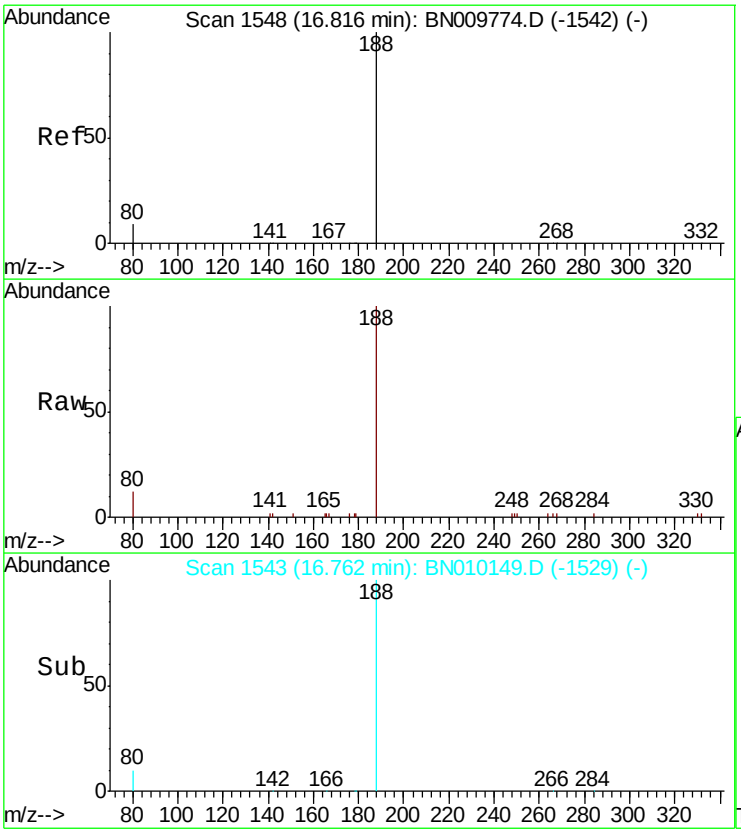
#18
Fluorene
Concen: 6.849 ng
RT: 15.07 min Scan# 1388
Delta R.T. -0.04 min
Lab File: BN010149.D
Acq: 09 Mar 2020 16:39

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:166 Resp: 45895

Ion	Ratio	Lower	Upper
166	100		
165	97.0	77.2	115.8
167	13.3	10.5	15.7

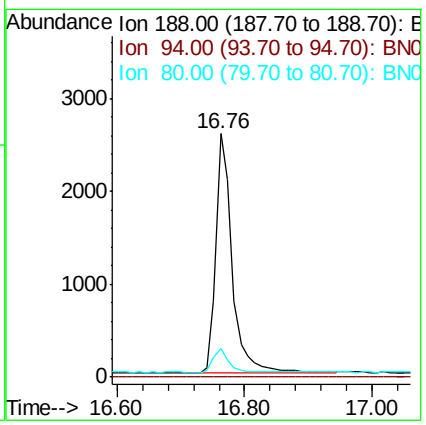


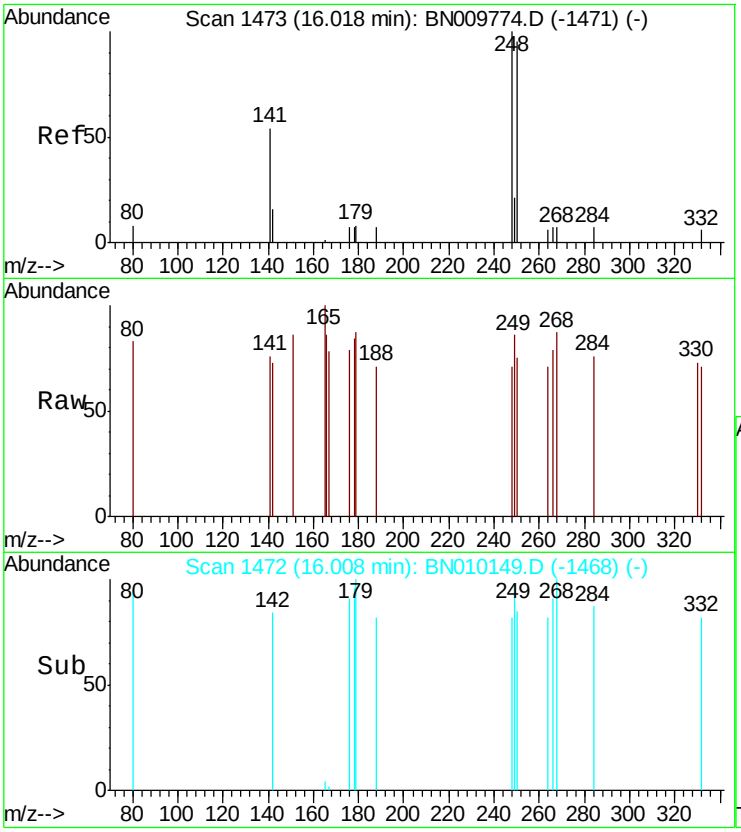


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.76 min Scan# 1543
Delta R.T. -0.05 min
Lab File: BN010149.D
Acq: 09 Mar 2020 16:39

Tgt Ion:188 Resp: 4596

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	11.8	8.3	12.5



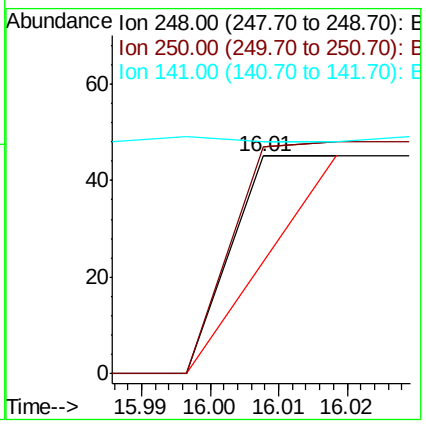


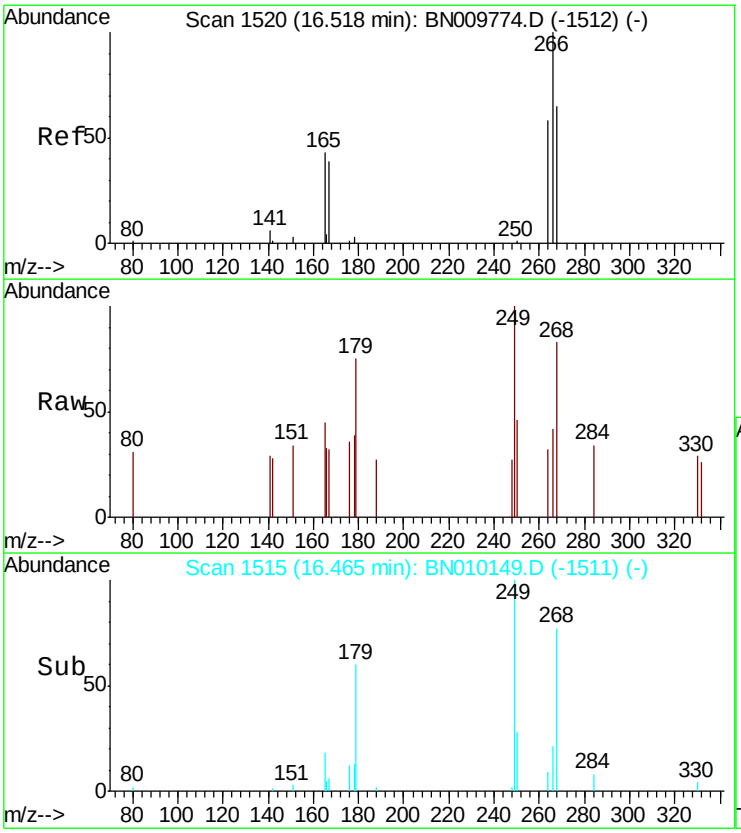
#20
4-Bromophenyl-phenylether
Concen: Below Cal
RT: 16.01 min Scan# 1472
Delta R.T. -0.01 min
Lab File: BN010149.D
Acq: 09 Mar 2020 16:39

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:248 Resp: 29

Ion	Ratio	Lower	Upper
248	100		
250	104.4	76.2	114.4
141	106.7	57.8	86.6#

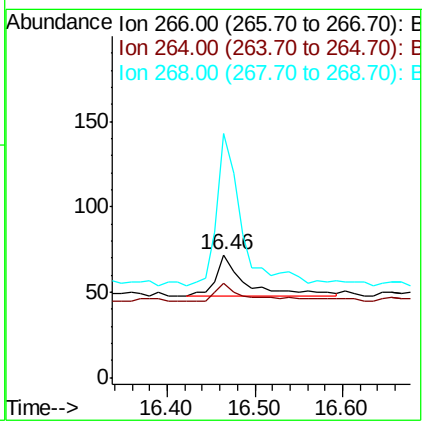


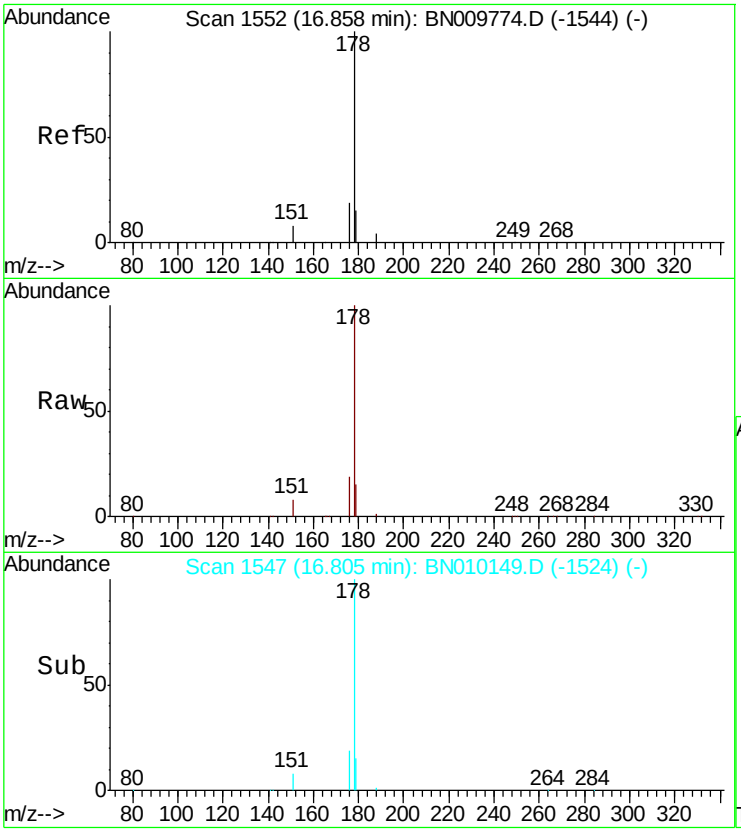


#22
Pentachlorophenol
Concen: 0.236 ng
RT: 16.46 min Scan# 1515
Delta R.T. -0.05 min
Lab File: BN010149.D
Acq: 09 Mar 2020 16:39

Tgt Ion:266 Resp: 55

Ion	Ratio	Lower	Upper
266	100		
264	76.4	58.1	87.1
268	198.6	65.7	98.5#



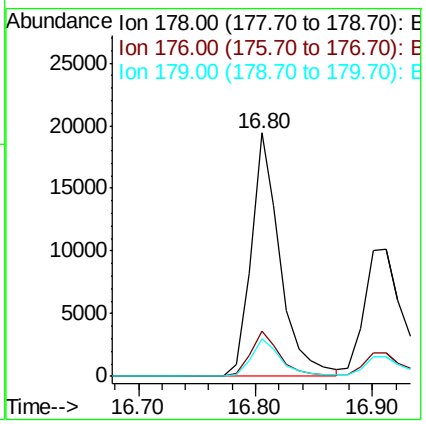


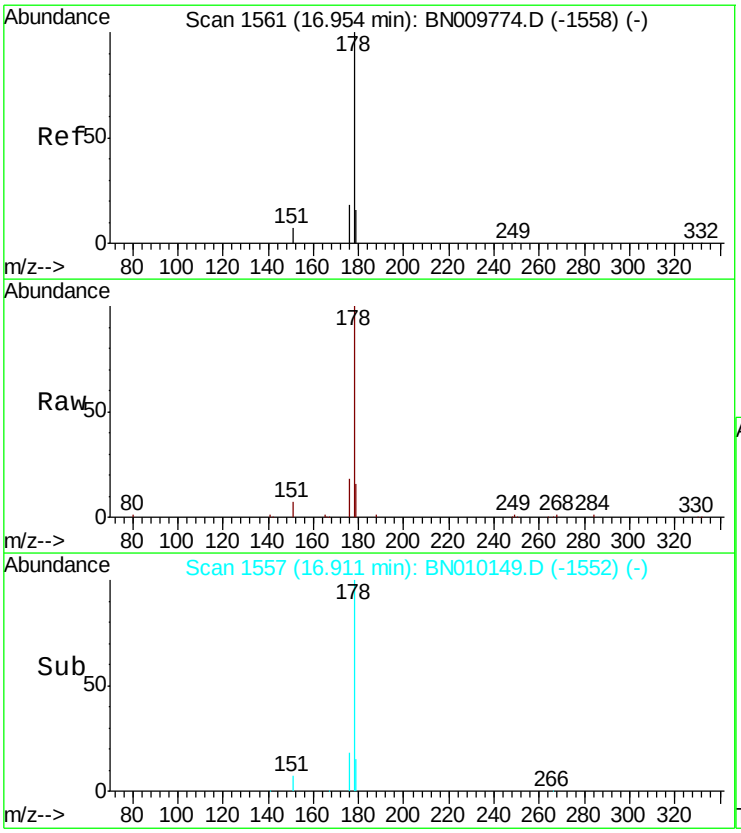
#23
Phenanthrene
Concen: 2.410 ng
RT: 16.80 min Scan# 1547
Delta R.T. -0.05 min
Lab File: BN010149.D
Acq: 09 Mar 2020 16:39

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:178 Resp: 32963

Ion	Ratio	Lower	Upper
178	100		
176	18.5	15.3	22.9
179	15.3	12.4	18.6

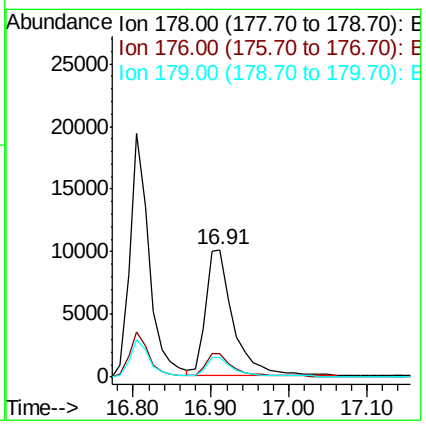


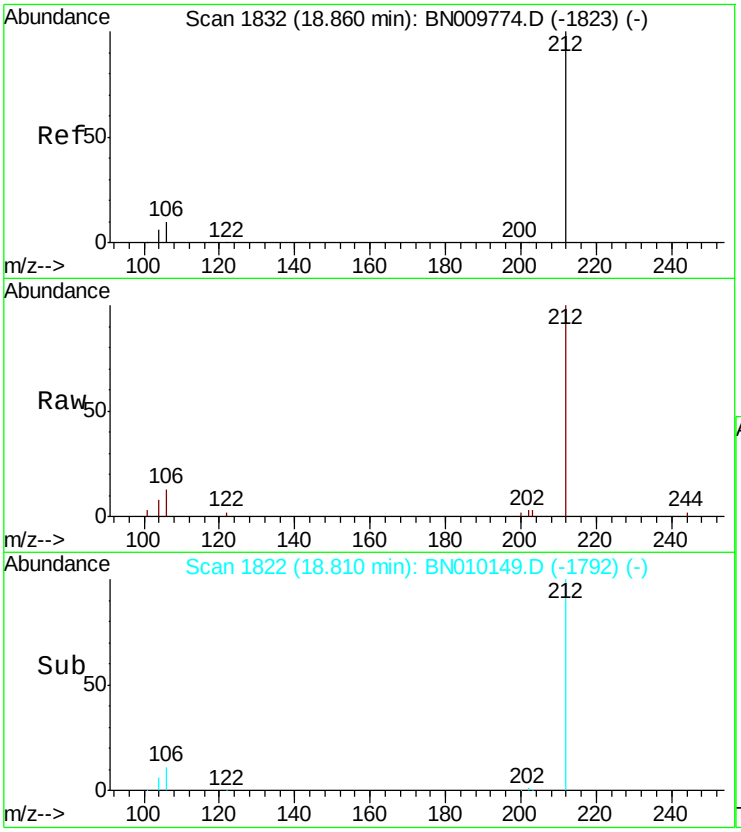


#24
Anthracene
Concen: 2.069 ng
RT: 16.91 min Scan# 1557
Delta R.T. -0.04 min
Lab File: BN010149.D
Acq: 09 Mar 2020 16:39

Tgt Ion:178 Resp: 23927

Ion	Ratio	Lower	Upper
178	100		
176	17.9	14.3	21.5
179	15.3	12.4	18.6



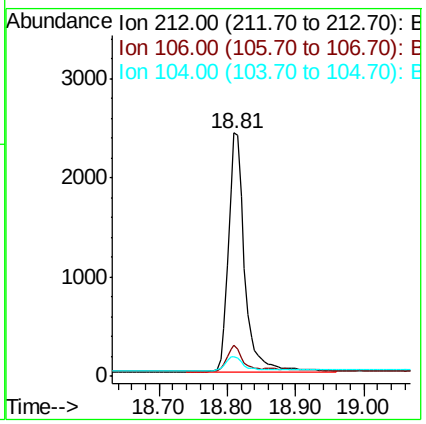


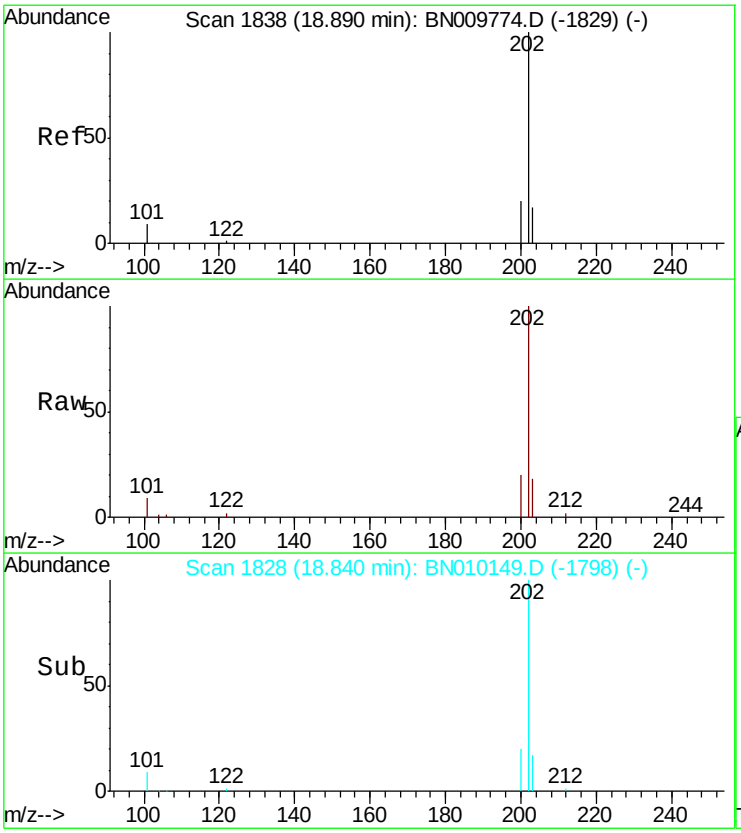
#25
Fluoranthene-d10
Concen: 0.249 ng
RT: 18.81 min Scan# 1822
Delta R.T. -0.05 min
Lab File: BN010149.D
Acq: 09 Mar 2020 16:39

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:212 Resp: 3954

Ion	Ratio	Lower	Upper
212	100		
106	10.3	8.4	12.6
104	6.2	4.8	7.2

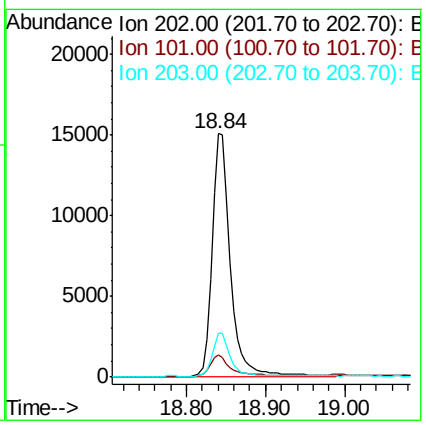


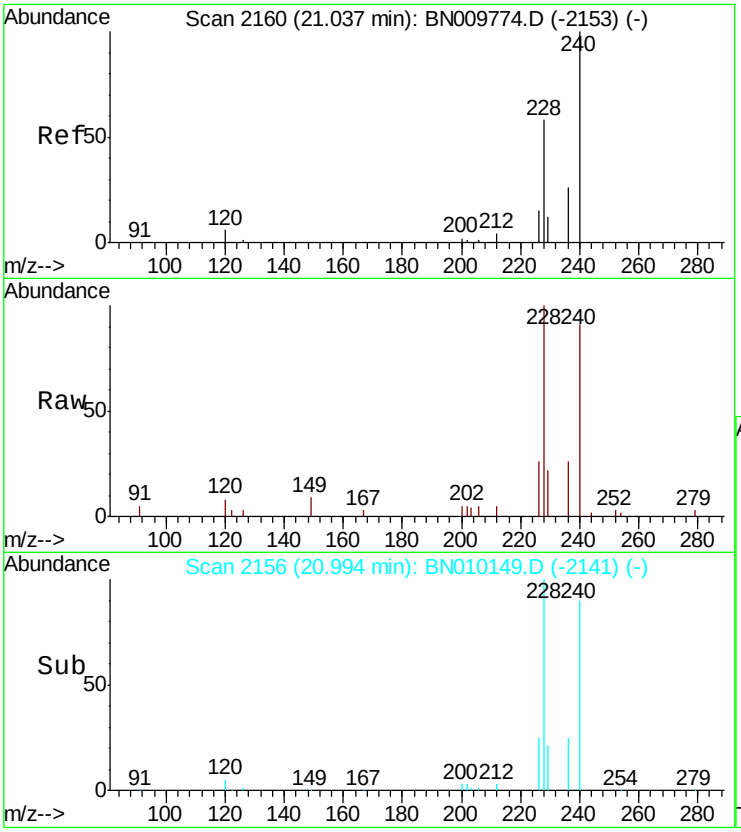


#26
Fluoranthene
Concen: 1.480 ng
RT: 18.84 min Scan# 1828
Delta R.T. -0.05 min
Lab File: BN010149.D
Acq: 09 Mar 2020 16:39

Tgt Ion:202 Resp: 24246

Ion	Ratio	Lower	Upper
202	100		
101	10.0	7.1	10.7
203	17.5	13.8	20.6



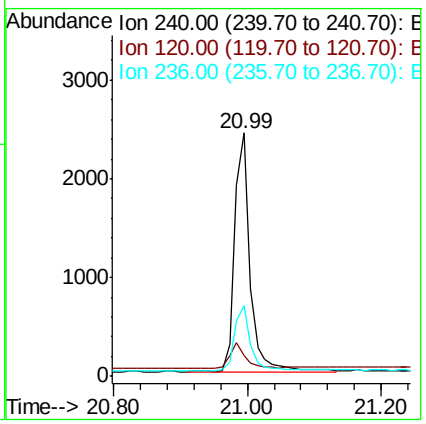


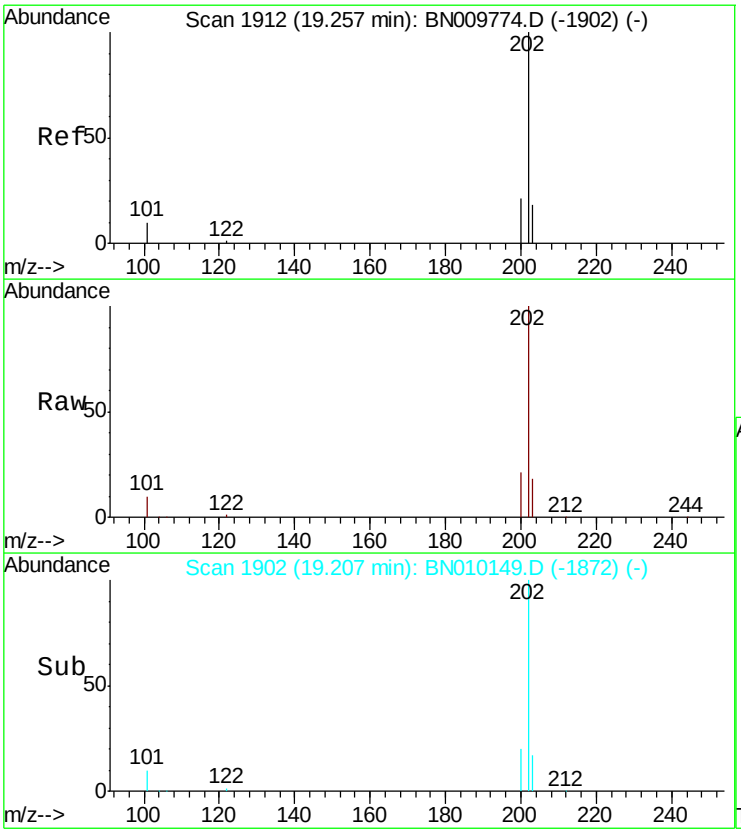
#27
Chrysene-d12
Concen: 0.400 ng
RT: 20.99 min Scan# 2156
Delta R.T. -0.04 min
Lab File: BN010149.D
Acq: 09 Mar 2020 16:39

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:240 Resp: 3877

Ion	Ratio	Lower	Upper
240	100		
120	8.4	7.9	11.9
236	29.2	22.0	33.0

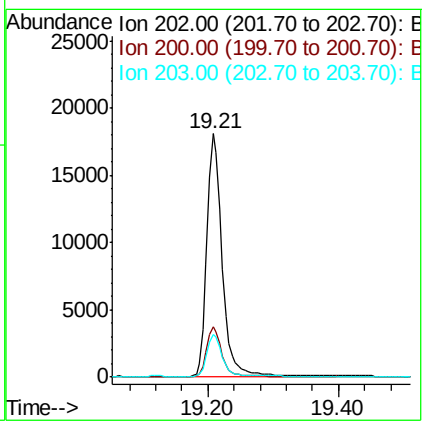


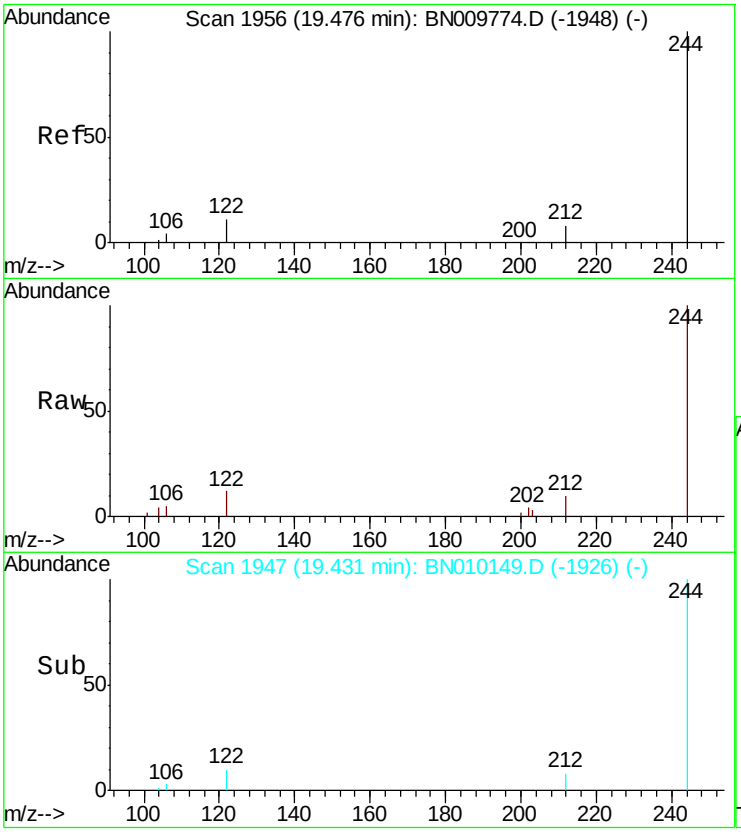


#28
Pyrene
Concen: 1.958 ng
RT: 19.21 min Scan# 1902
Delta R.T. -0.05 min
Lab File: BN010149.D
Acq: 09 Mar 2020 16:39

Tgt Ion:202 Resp: 28824

Ion	Ratio	Lower	Upper
202	100		
200	20.3	16.4	24.6
203	17.3	13.9	20.9



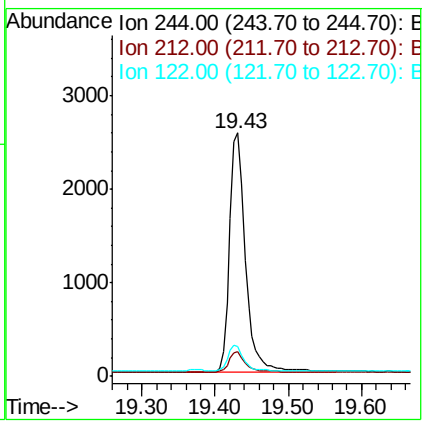


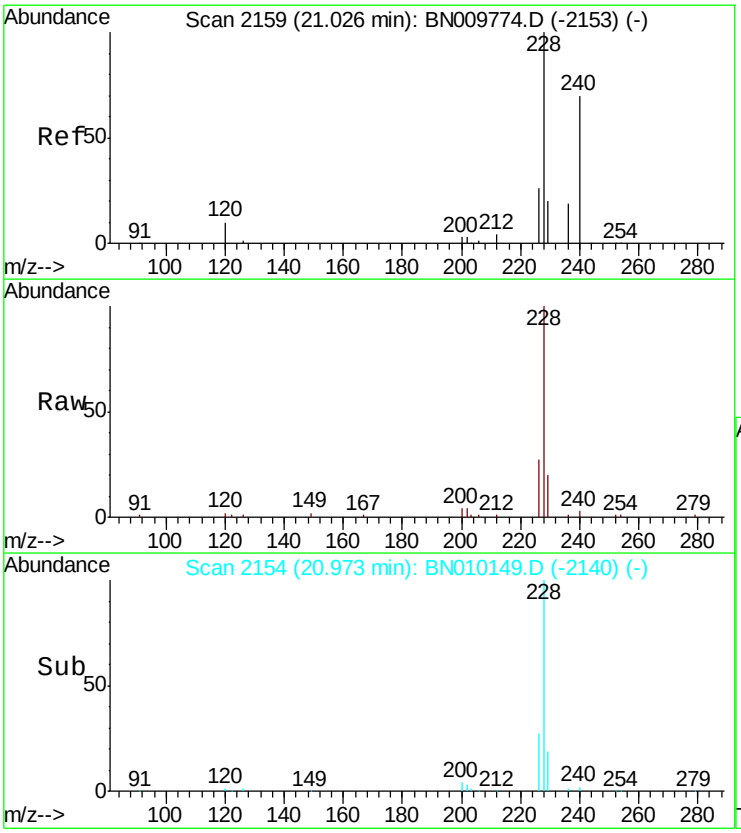
#29
Terphenyl-d14
Concen: 0.419 ng
RT: 19.43 min Scan# 1947
Delta R.T. -0.04 min
Lab File: BN010149.D
Acq: 09 Mar 2020 16:39

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:244 Resp: 3878

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

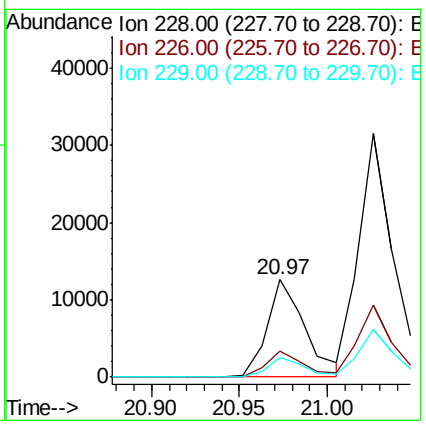


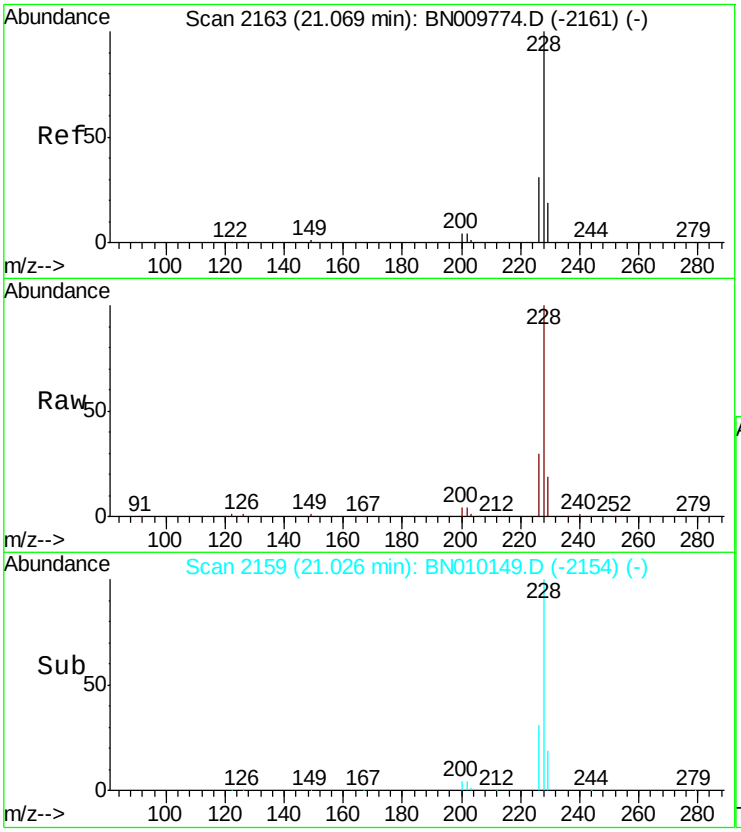


#30
Benzo(a)anthracene
Concen: 1.465 ng
RT: 20.97 min Scan# 2154
Delta R.T. -0.05 min
Lab File: BN010149.D
Acq: 09 Mar 2020 16:39

Tgt Ion:228 Resp: 18847

Ion	Ratio	Lower	Upper
228	100		
226	27.3	21.8	32.8
229	19.8	17.1	25.7



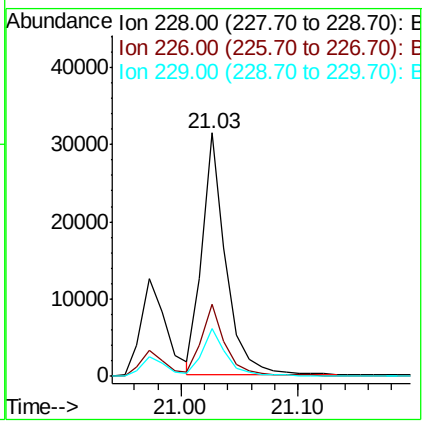


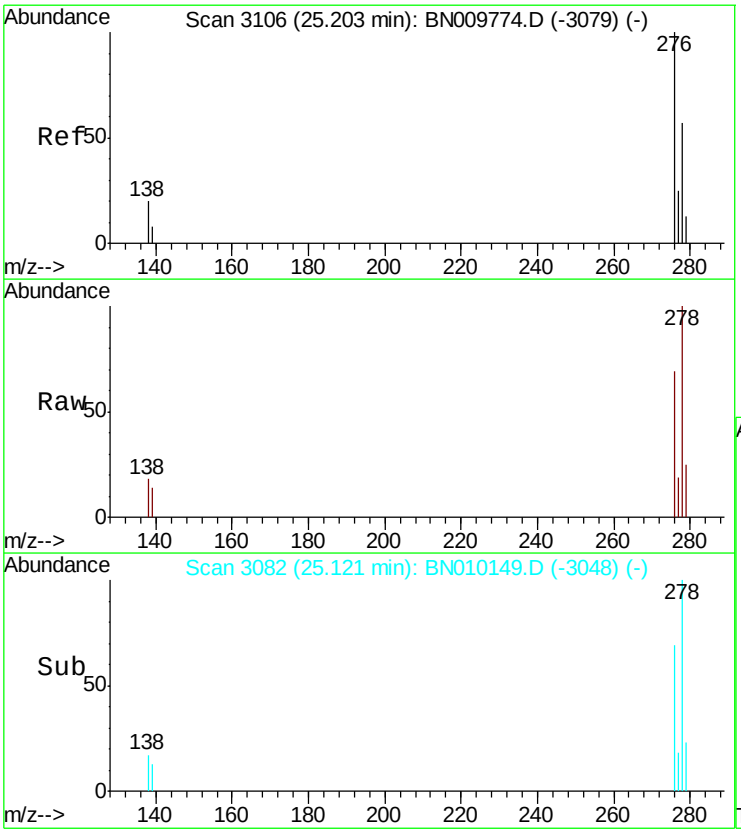
#31
Chrysene
Concen: 2.940 ng
RT: 21.03 min Scan# 2159
Delta R.T. -0.04 min
Lab File: BN010149.D
Acq: 09 Mar 2020 16:39

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:228 Resp: 43762

Ion	Ratio	Lower	Upper
228	100		
226	29.6	24.8	37.2
229	19.5	16.4	24.6

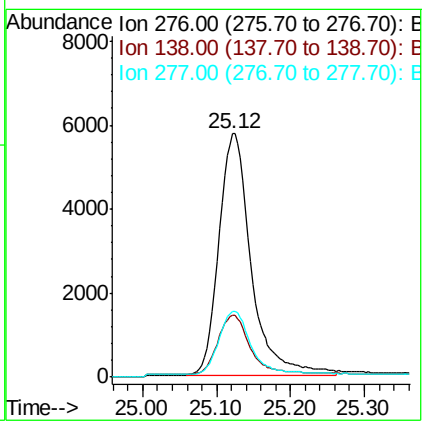


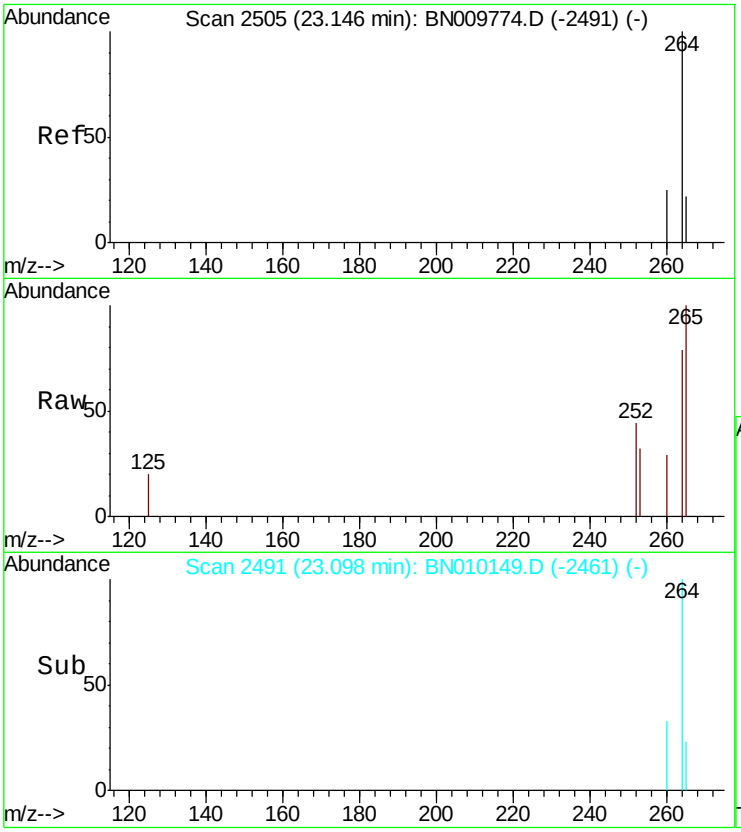


#33
Indeno(1,2,3-cd)pyrene
Concen: 1.116 ng
RT: 25.12 min Scan# 3082
Delta R.T. -0.08 min
Lab File: BN010149.D
Acq: 09 Mar 2020 16:39

Tgt Ion:276 Resp: 17306

Ion	Ratio	Lower	Upper
276	100		
138	24.6	15.8	23.6#
277	26.3	19.3	28.9



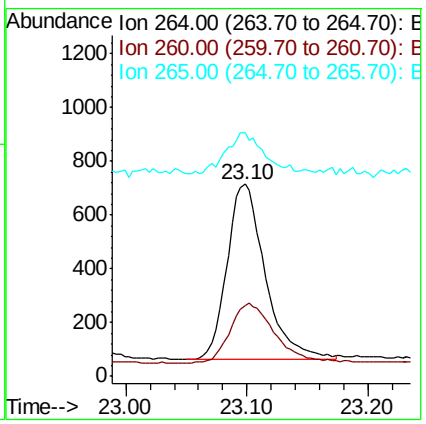


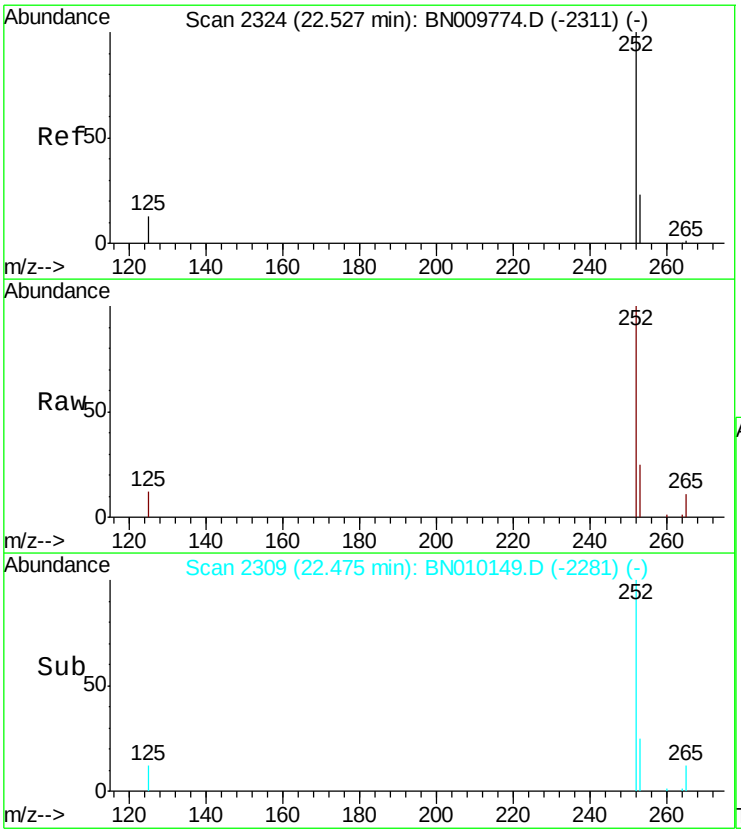
#34
Perylene-d12
Concen: 0.400 ng
RT: 23.10 min Scan# 2491
Delta R.T. -0.05 min
Lab File: BN010149.D
Acq: 09 Mar 2020 16:39

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:264 Resp: 1433

Ion	Ratio	Lower	Upper
264	100		
260	36.6	21.1	31.7#
265	126.7	57.5	86.3#

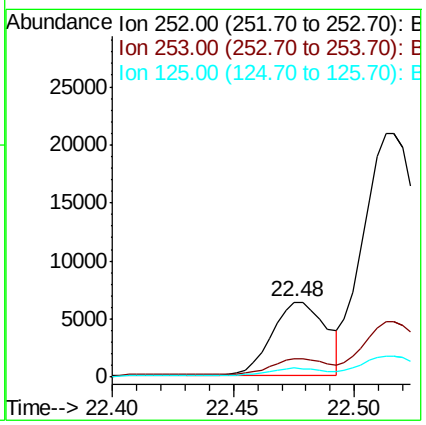


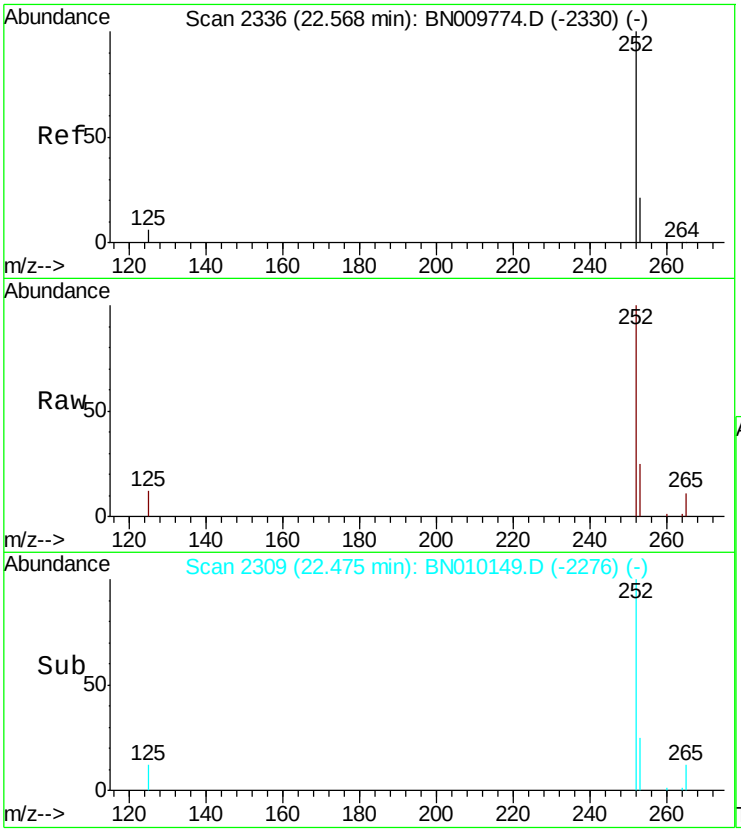


#35
Benzo(b)fluoranthene
Concen: 1.887 ng
RT: 22.48 min Scan# 2309
Delta R.T. -0.05 min
Lab File: BN010149.D
Acq: 09 Mar 2020 16:39

Tgt Ion:252 Resp: 9886

Ion	Ratio	Lower	Upper
252	100		
253	24.8	23.0	34.6
125	12.0	14.4	21.6#



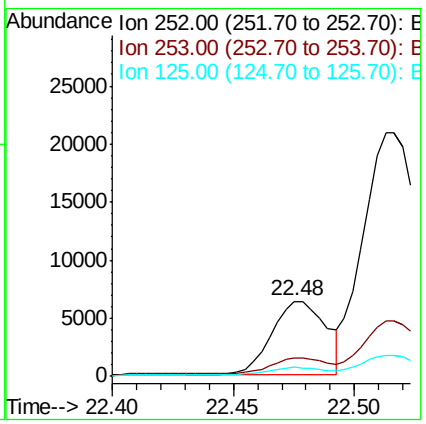


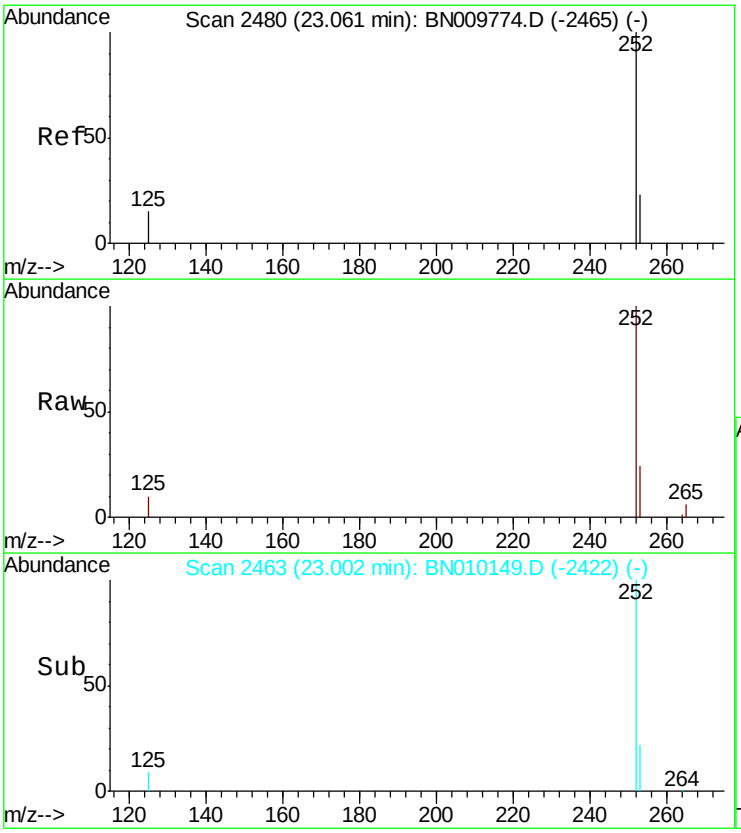
#36
Benzo(k)fluoranthene
Concen: 1.733 ng
RT: 22.48 min Scan# 2309
Delta R.T. -0.09 min
Lab File: BN010149.D
Acq: 09 Mar 2020 16:39

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 9886

Ion	Ratio	Lower	Upper
252	100		
253	24.8	22.2	33.2
125	12.0	10.5	15.7

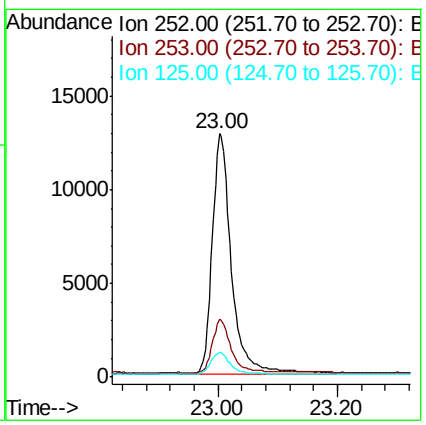


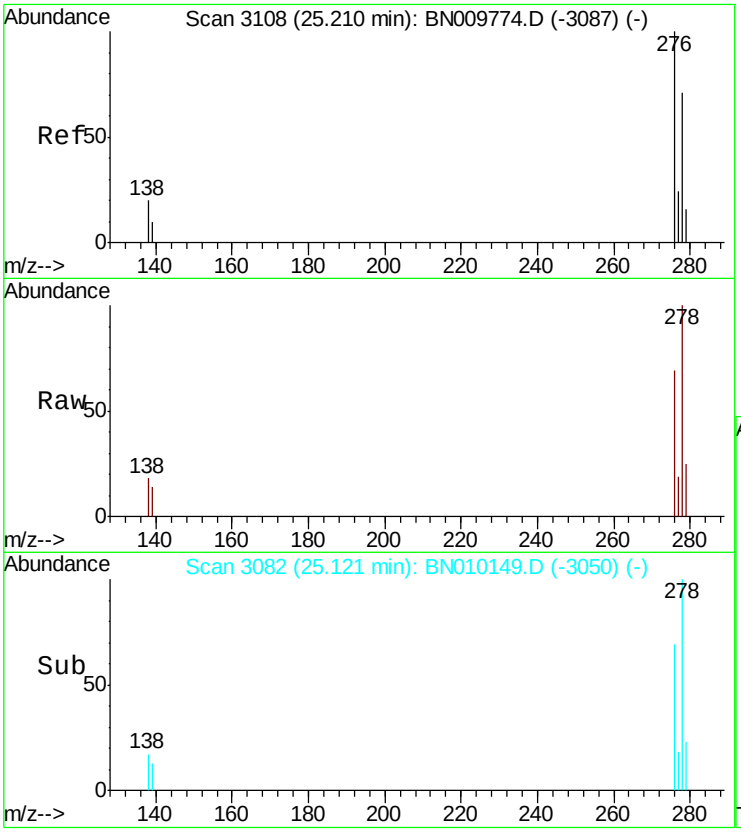


#37
Benzo(a)pyrene
Concen: 5.967 ng
RT: 23.00 min Scan# 2463
Delta R.T. -0.06 min
Lab File: BN010149.D
Acq: 09 Mar 2020 16:39

Tgt Ion:252 Resp: 28523

Ion	Ratio	Lower	Upper
252	100		
253	23.6	25.3	37.9#
125	10.4	17.7	26.5#



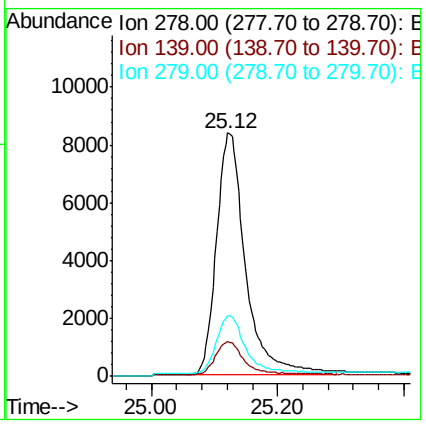


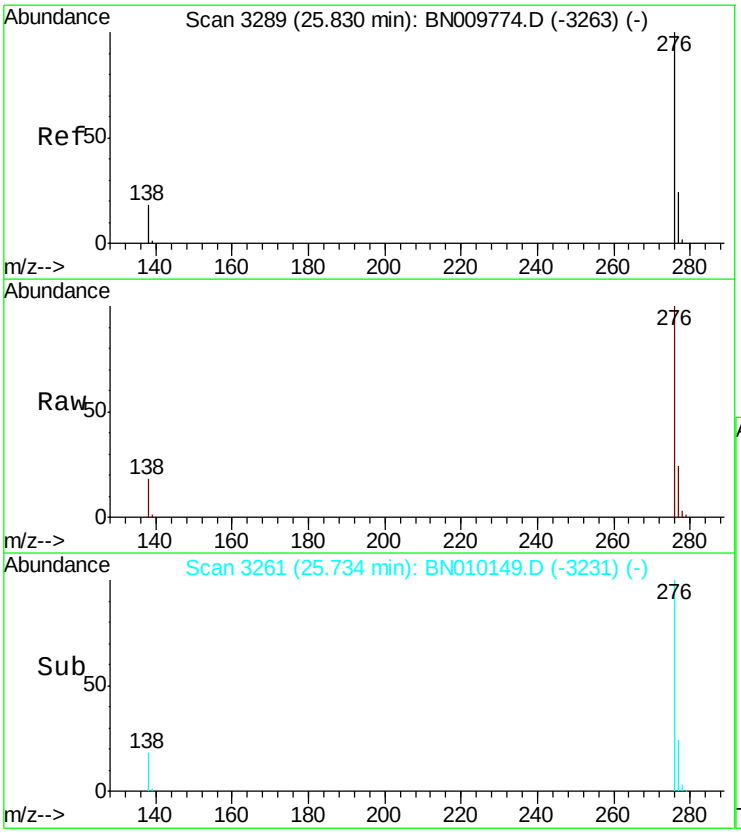
#38
Dibenzo(a,h)anthracene
Concen: 5.732 ng
RT: 25.12 min Scan# 3082
Delta R.T. -0.09 min
Lab File: BN010149.D
Acq: 09 Mar 2020 16:39

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:278 Resp: 26981

Ion	Ratio	Lower	Upper
278	100		
139	14.3	14.5	21.7#
279	24.6	24.3	36.5





#39
Benzo(g,h,i)perylene
Concen: 6.688 ng
RT: 25.73 min Scan# 3261
Delta R.T. -0.10 min
Lab File: BN010149.D
Acq: 09 Mar 2020 16:39

Tgt Ion:276 Resp: 33533

Ion	Ratio	Lower	Upper
276	100		
277	24.2	21.4	32.0
138	18.2	16.6	24.8