Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN030920\
Data File : BN010155.D
Acq On : 09 Mar 2020 21:07
Operator : CG/JU
Sample : L1842-06
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : RE108D1-20200304

Quant Time: Mar 09 22:12:48 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	7.39	152	680	0.40	ng		-0.03
7) Naphthalene-d8	10.16	136	2200	0.40	ng		-0.01
13) Acenaphthene-d10	14.01	164	1642	0.40	ng		-0.04
19) Phenanthrene-d10	16.79	188	3344	0.40	ng		-0.02
27) Chrysene-d12	21.00	240	3495	0.40	ng		-0.03
34) Perylene-d12	23.10	264	3720	0.40	ng		-0.05
System Monitoring Compounds							
4) 2-Fluorophenol	5.06	112	278	0.18	ng		-0.02
5) Phenol-d6	6.67	99	46	0.03	ng		0.02
8) Nitrobenzene-d5	8.66	82	479	0.26	ng		0.06
11) 2-Methylnaphthalene-d10	11.77	152	1404	0.33	ng		-0.01
14) 2,4,6-Tribromophenol	15.56	330	303	0.48	ng		-0.02
15) 2-Fluorobiphenyl	12.65	172	2265	0.37	ng		-0.03
25) Fluoranthene-d10	18.83	212	4105	0.35	ng		-0.03
29) Terphenyl-d14	19.43	244	3935	0.47	ng		-0.04
Target Compounds							Qvalue
3) n-Nitrosodimethylamine	3.41	42	25	0.022	ng	#	15
9) Naphthalene	10.22	128	285	0.047	ng	#	16
17) Acenaphthene	14.08	154	177	0.036	ng		90
18) Fluorene	15.10	166	286	0.044	ng		98
20) 4-Bromophenyl-phenylether	16.01	248	164	Below Cal		#	81
22) Pentachlorophenol	16.50	266	22	0.210	ng	#	79
23) Phenanthrene	16.84	178	954	0.096	ng		99
24) Anthracene	16.94	178	281	0.033	ng	#	90
26) Fluoranthene	18.85	202	437	0.037	ng	#	90
28) Pyrene	19.22	202	401	0.030	ng	#	93
30) Benzo(a)anthracene	20.99	228	266	0.023	ng	#	61
31) Chrysene	21.05	228	396	0.030	ng	#	69
32) Bis(2-ethylhexyl)phthalate	20.92	149	1002	0.177	ng		100
35) Benzo(b)fluoranthene	22.49	252	568	0.042	ng	#	1
36) Benzo(k)fluoranthene	22.54	252	416	0.028	ng	#	1
39) Benzo(g,h,i)perylene	25.79	276	372	0.029	ng	#	35

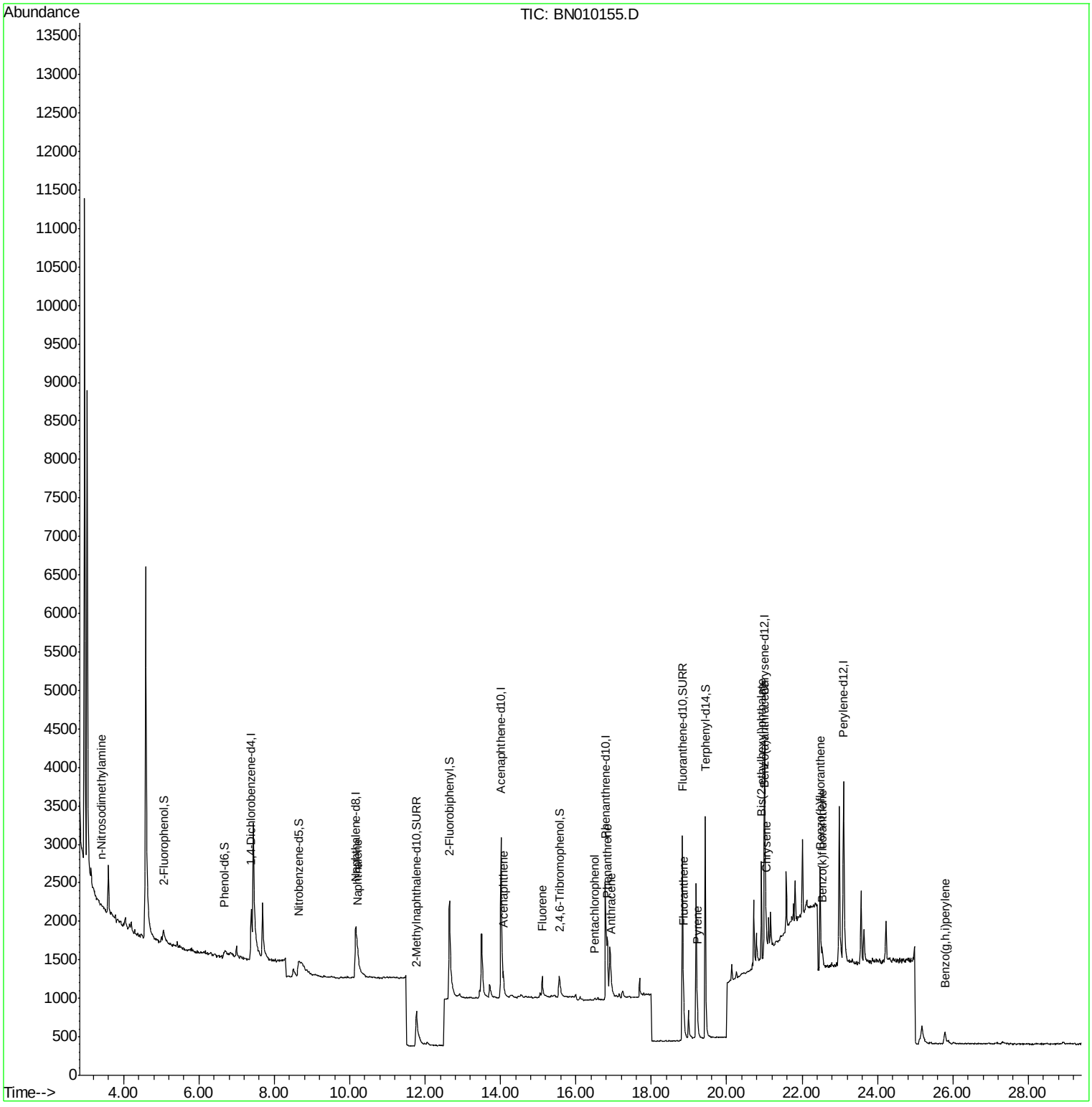
(#) = qualifier out of range (m) = manual integration (+) = signals summed

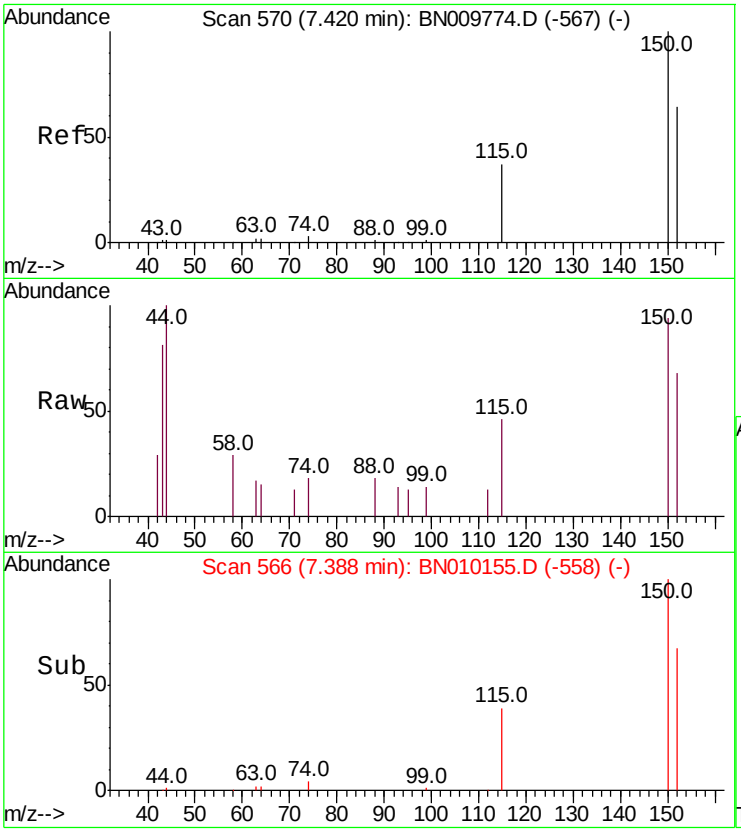
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN030920\
Data File : BN010155.D
Acq On : 09 Mar 2020 21:07
Operator : CG/JU
Sample : L1842-06
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
RE108D1-20200304

Quant Time: Mar 09 22:12:48 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



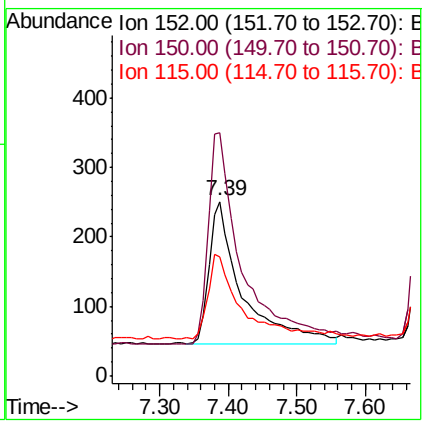


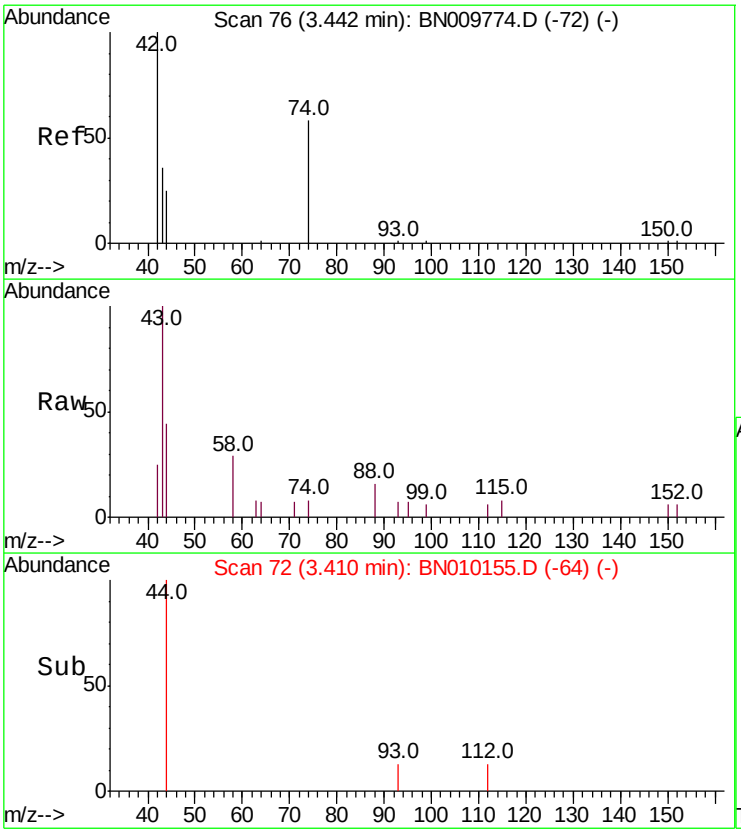
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.39 min Scan# 566
Delta R.T. -0.03 min
Lab File: BN010155.D
Acq: 09 Mar 2020 21:07

Instrument :
BNA_N
ClientSampleId :
RE108D1-20200304

Tgt Ion:152 Resp: 680

Ion	Ratio	Lower	Upper
152	100		
150	139.4	120.6	181.0
115	68.1	51.2	76.8

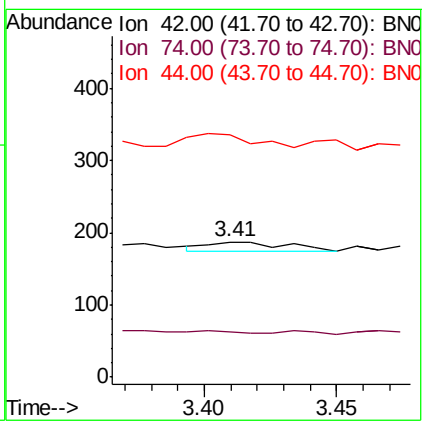


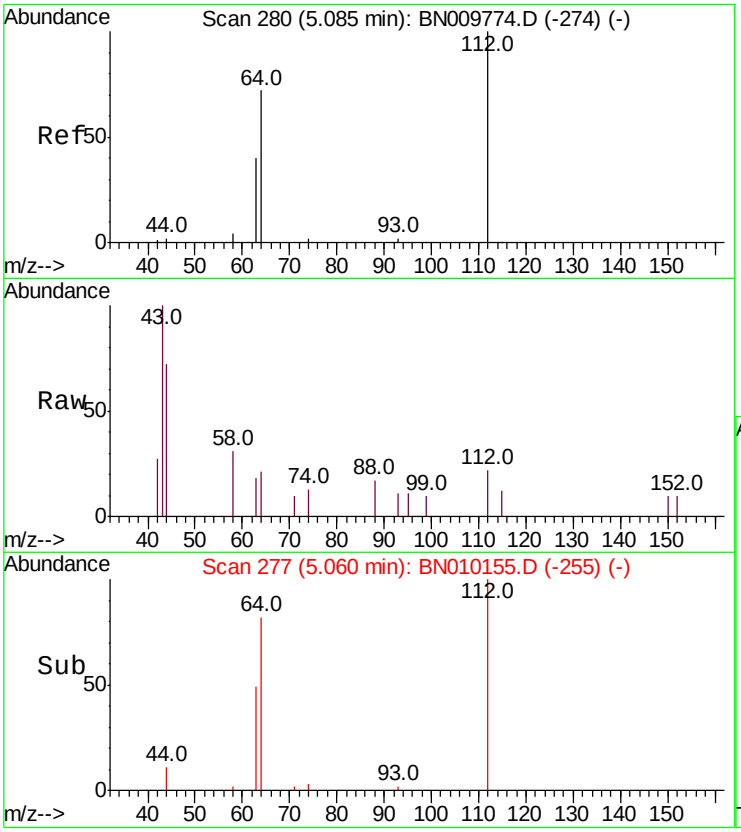


#3
n-Nitrosodimethylamine
Concen: 0.022 ng
RT: 3.41 min Scan# 72
Delta R.T. -0.03 min
Lab File: BN010155.D
Acq: 09 Mar 2020 21:07

Tgt Ion: 42 Resp: 25

Ion	Ratio	Lower	Upper
42	100		
74	8.0	51.2	76.8#
44	120.0	2.6	4.0#



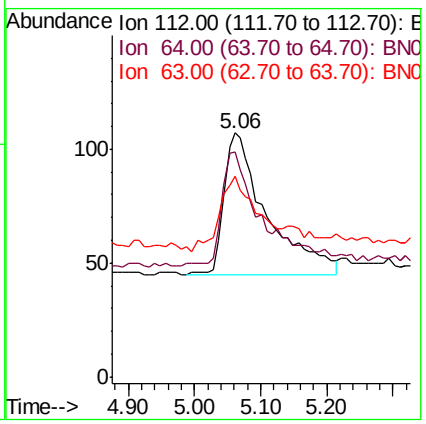


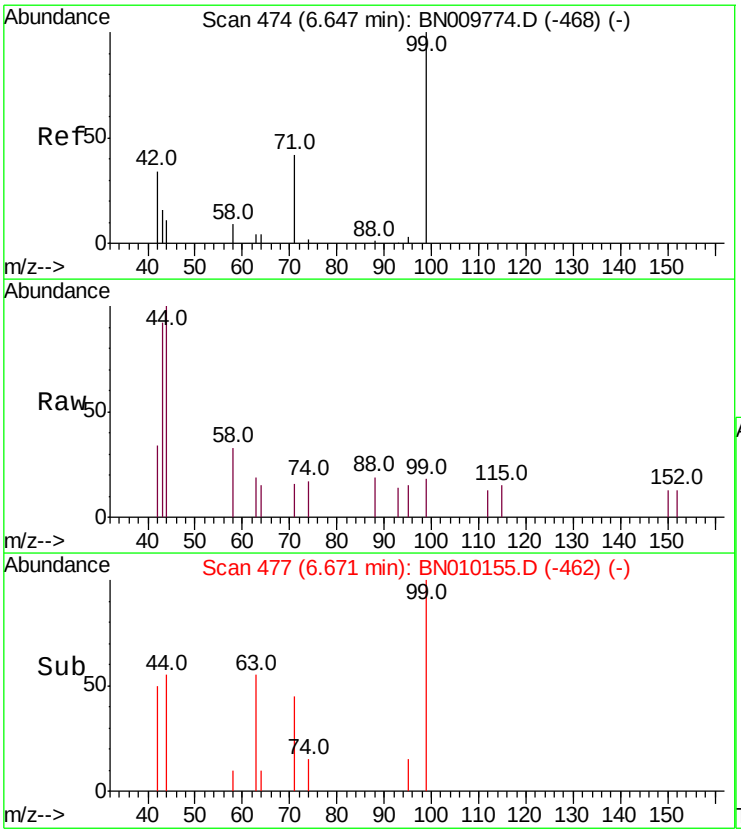
#4
2-Fluorophenol
Concen: 0.184 ng
RT: 5.06 min Scan# 277
Delta R.T. -0.02 min
Lab File: BN010155.D
Acq: 09 Mar 2020 21:07

Instrument :
BNA_N
ClientSampleId :
RE108D1-20200304

Tgt Ion:112 Resp: 278

Ion	Ratio	Lower	Upper
112	100		
64	71.2	65.8	98.6
63	47.8	38.7	58.1

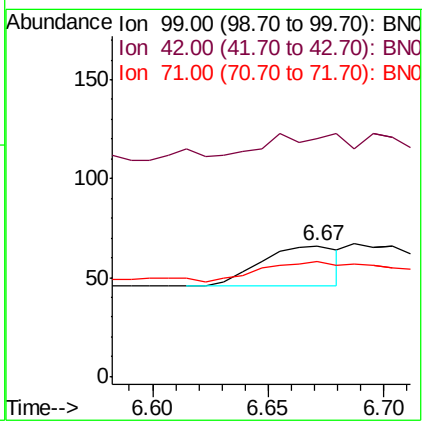


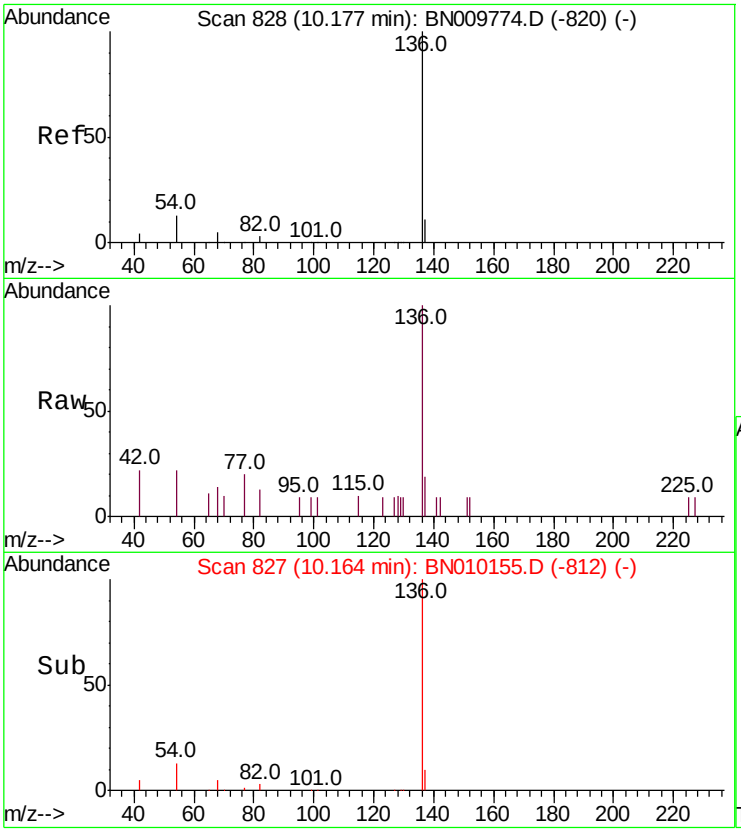


#5
Phenol-d6
Concen: 0.025 ng
RT: 6.67 min Scan# 477
Delta R.T. 0.02 min
Lab File: BN010155.D
Acq: 09 Mar 2020 21:07

Tgt Ion: 99 Resp: 46

Ion	Ratio	Lower	Upper
99	100		
42	30.4	30.8	46.2#
71	80.4	34.9	52.3#



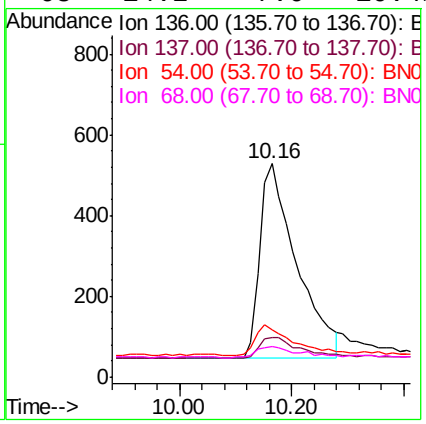


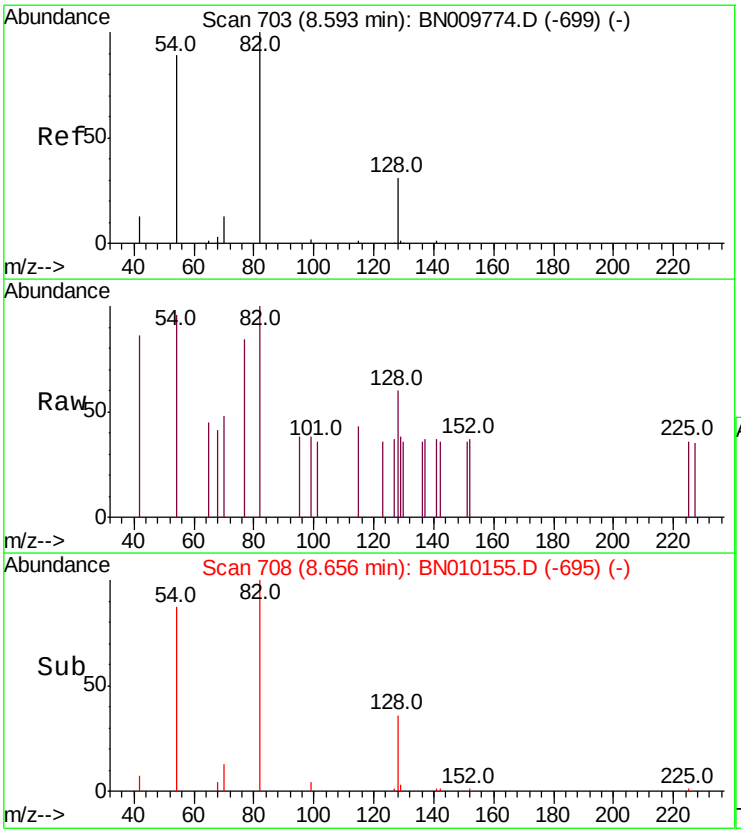
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.16 min Scan# 827
Delta R.T. -0.01 min
Lab File: BN010155.D
Acq: 09 Mar 2020 21:07

Instrument :
BNA_N
ClientSampleId :
RE108D1-20200304

Tgt Ion:136 Resp: 2200

Ion	Ratio	Lower	Upper
136	100		
137	18.5	11.3	16.9#
54	22.3	13.4	20.2#
68	14.2	7.0	10.4#

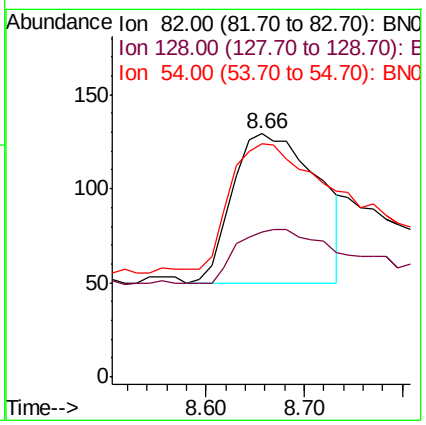


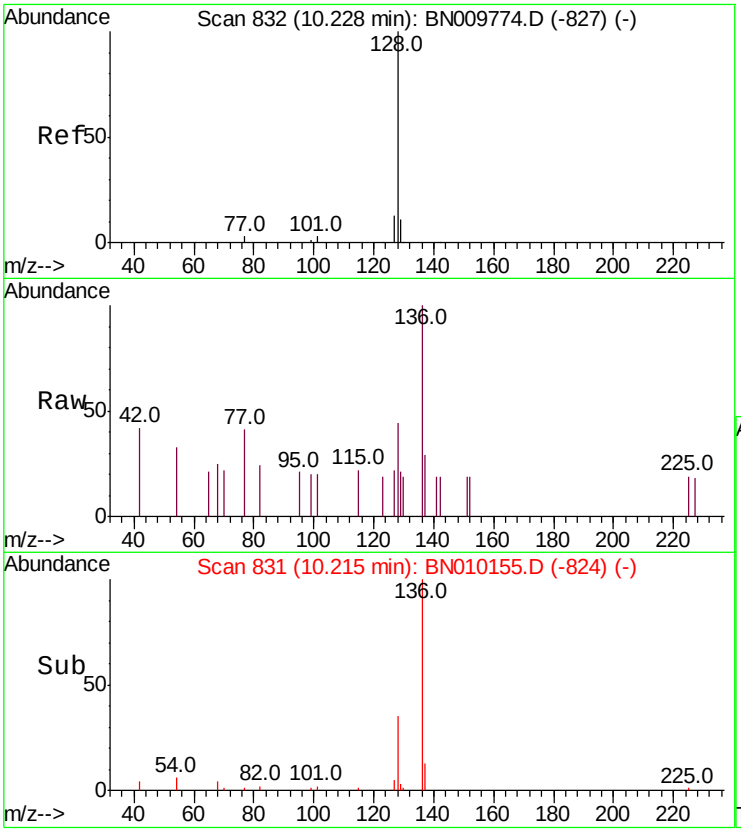


#8
Nitrobenzene-d5
Concen: 0.262 ng
RT: 8.66 min Scan# 708
Delta R.T. 0.06 min
Lab File: BN010155.D
Acq: 09 Mar 2020 21:07

Tgt Ion: 82 Resp: 479

Ion	Ratio	Lower	Upper
82	100		
128	59.7	32.5	48.7#
54	96.1	73.5	110.3



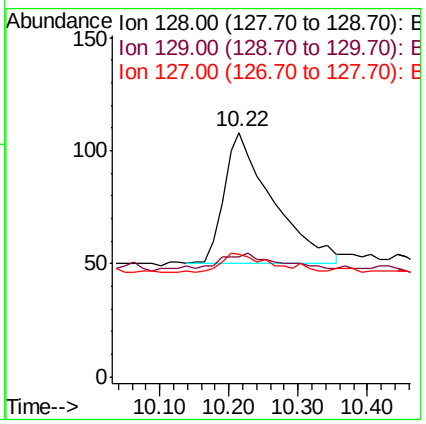


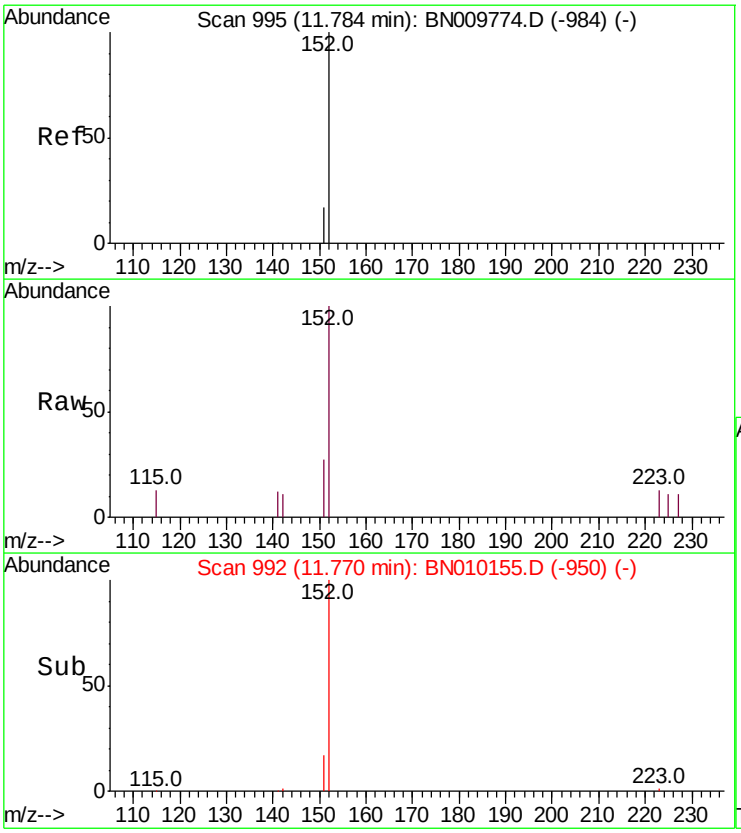
#9
Naphthalene
Concen: 0.047 ng
RT: 10.22 min Scan# 831
Delta R.T. -0.01 min
Lab File: BN010155.D
Acq: 09 Mar 2020 21:07

Instrument :
BNA_N
ClientSampleId :
RE108D1-20200304

Tgt Ion:128 Resp: 285

Ion	Ratio	Lower	Upper
128	100		
129	49.1	11.1	16.7#
127	50.0	12.6	19.0#

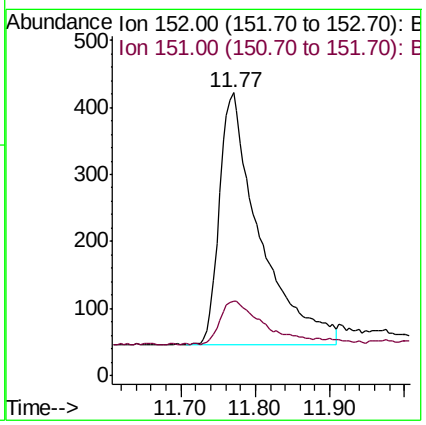


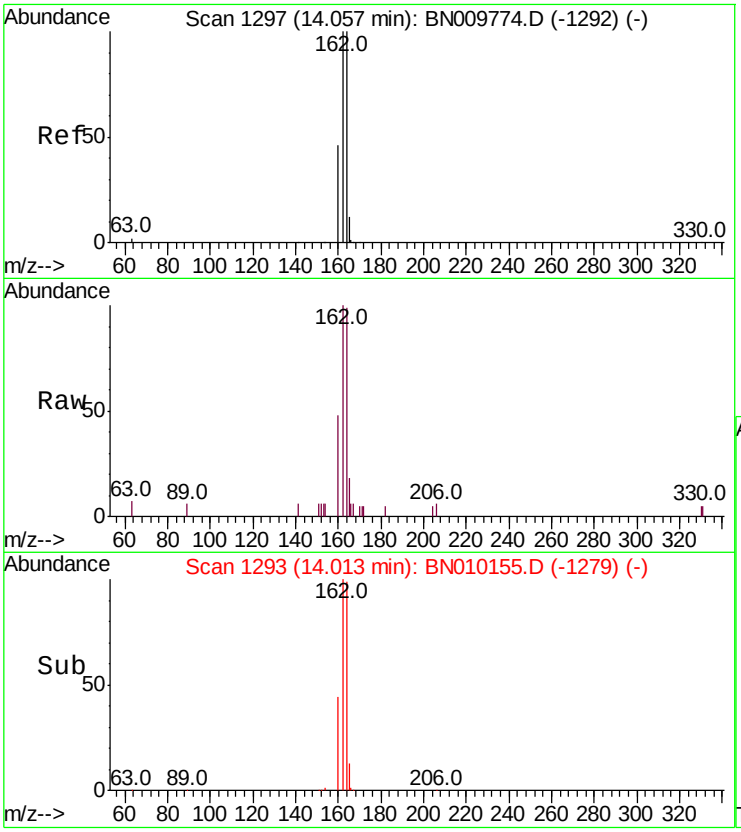


#11
2-Methylnaphthalene-d10
Concen: 0.330 ng
RT: 11.77 min Scan# 992
Delta R.T. -0.01 min
Lab File: BN010155.D
Acq: 09 Mar 2020 21:07

Tgt Ion:152 Resp: 1404

Ion	Ratio	Lower	Upper
152	100		
151	18.3	15.1	22.7



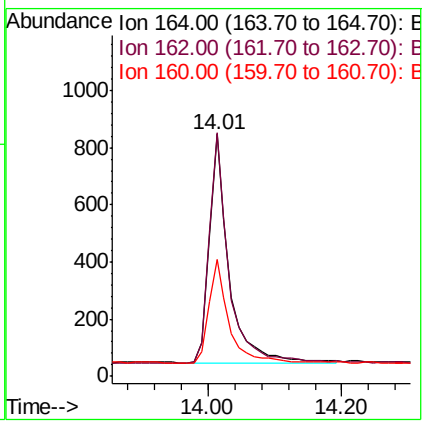


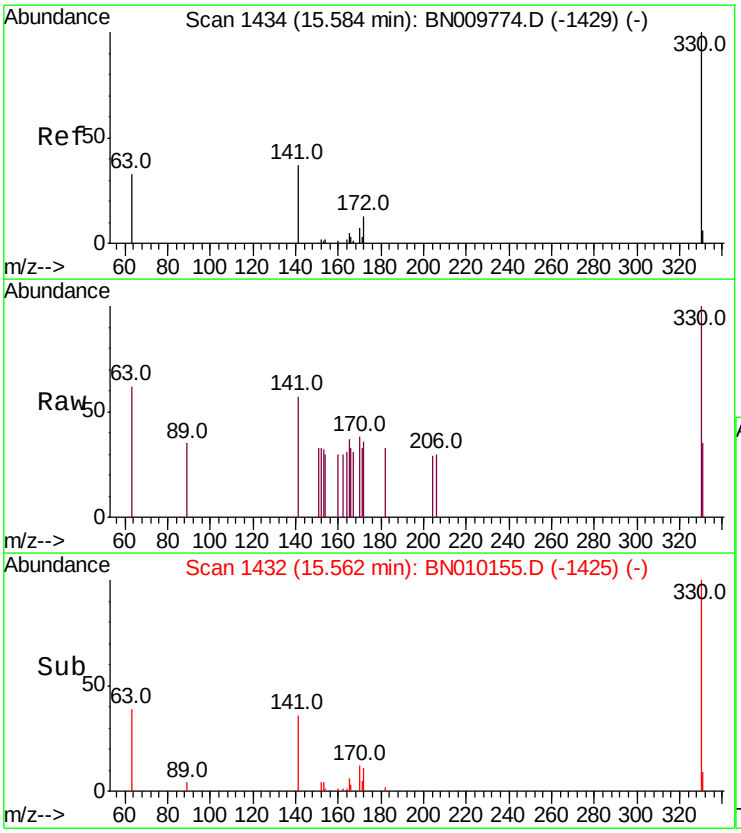
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.01 min Scan# 1293
Delta R.T. -0.04 min
Lab File: BN010155.D
Acq: 09 Mar 2020 21:07

Instrument :
BNA_N
ClientSampleId :
RE108D1-20200304

Tgt Ion:164 Resp: 1642

Ion	Ratio	Lower	Upper
164	100		
162	100.6	79.9	119.9
160	48.2	38.2	57.2

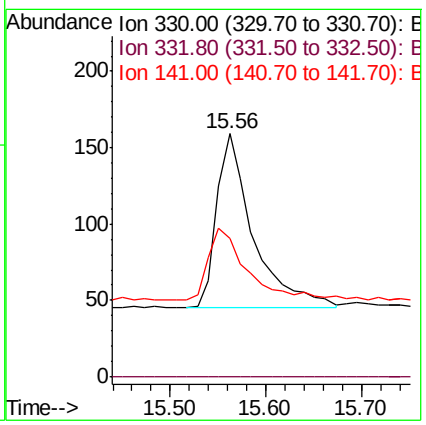


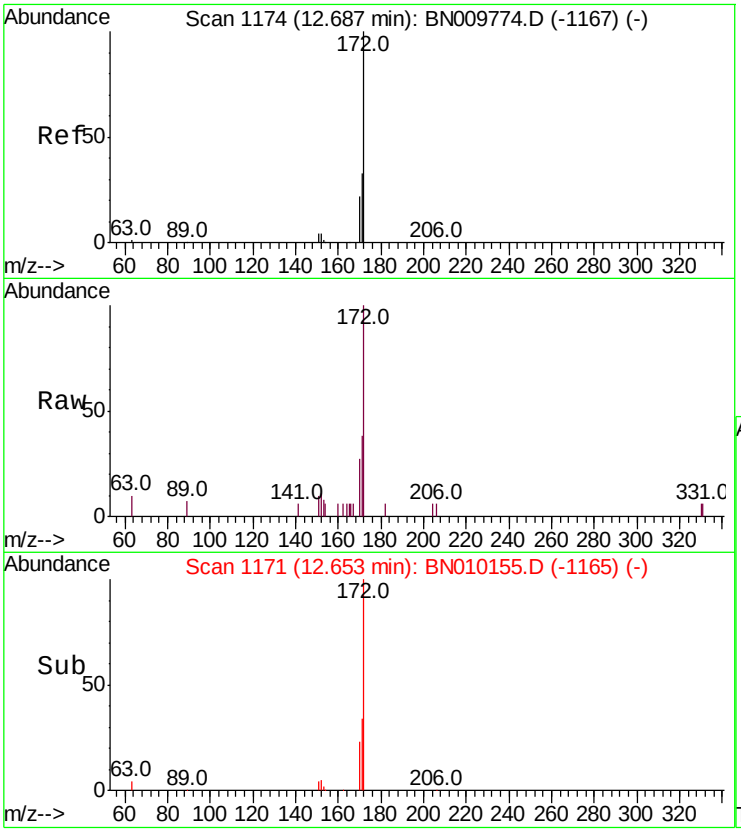


#14
2,4,6-Tribromophenol
Concen: 0.479 ng
RT: 15.56 min Scan# 1432
Delta R.T. -0.02 min
Lab File: BN010155.D
Acq: 09 Mar 2020 21:07

Tgt Ion:330 Resp: 303

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	44.9	36.8	55.2



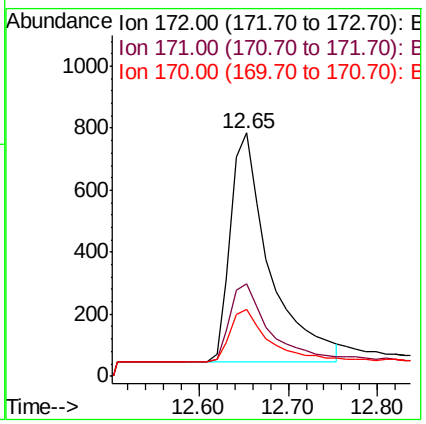


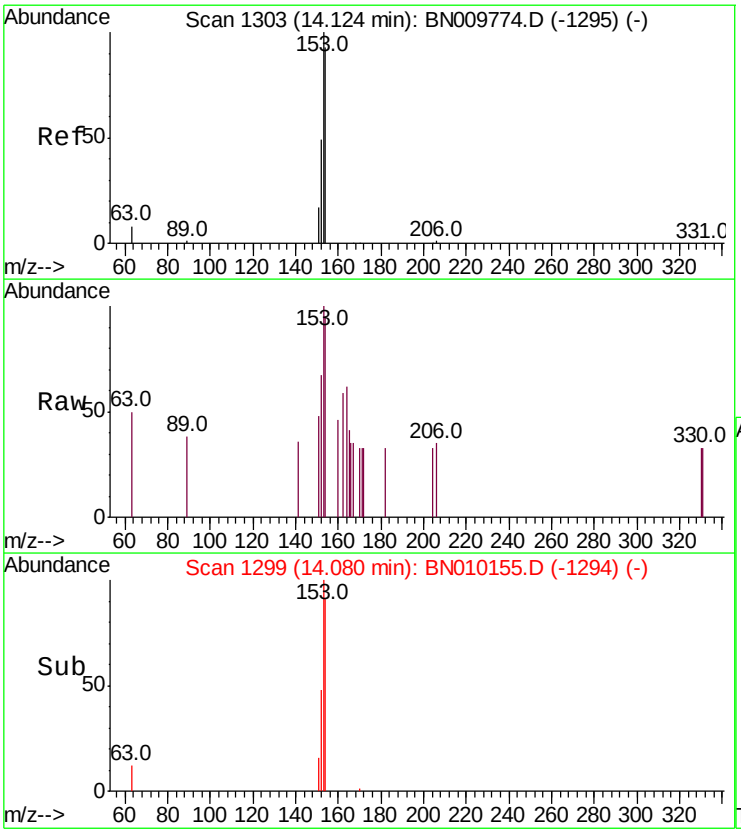
#15
2-Fluorobiphenyl
Concen: 0.365 ng
RT: 12.65 min Scan# 1171
Delta R.T. -0.03 min
Lab File: BN010155.D
Acq: 09 Mar 2020 21:07

Instrument :
BNA_N
ClientSampleId :
RE108D1-20200304

Tgt Ion:172 Resp: 2265

Ion	Ratio	Lower	Upper
172	100		
171	38.1	28.7	43.1
170	27.4	20.1	30.1

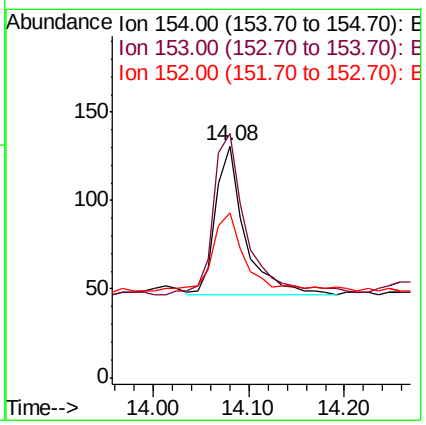


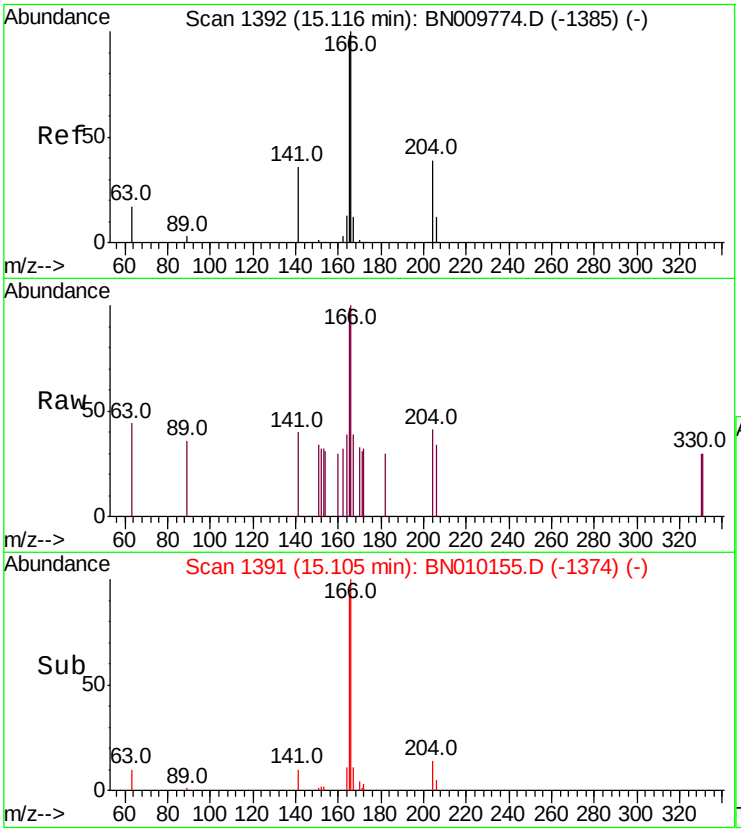


#17
Acenaphthene
Concen: 0.036 ng
RT: 14.08 min Scan# 1299
Delta R.T. -0.04 min
Lab File: BN010155.D
Acq: 09 Mar 2020 21:07

Tgt Ion:154 Resp: 177

Ion	Ratio	Lower	Upper
154	100		
153	123.7	88.9	133.3
152	59.3	44.2	66.2



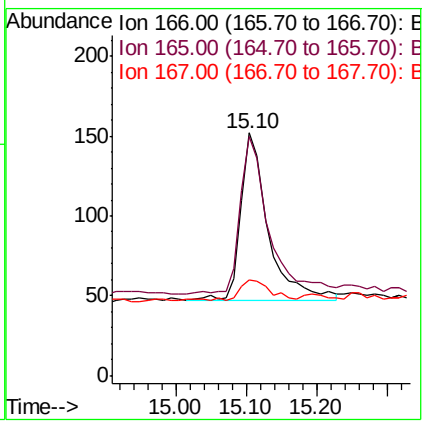


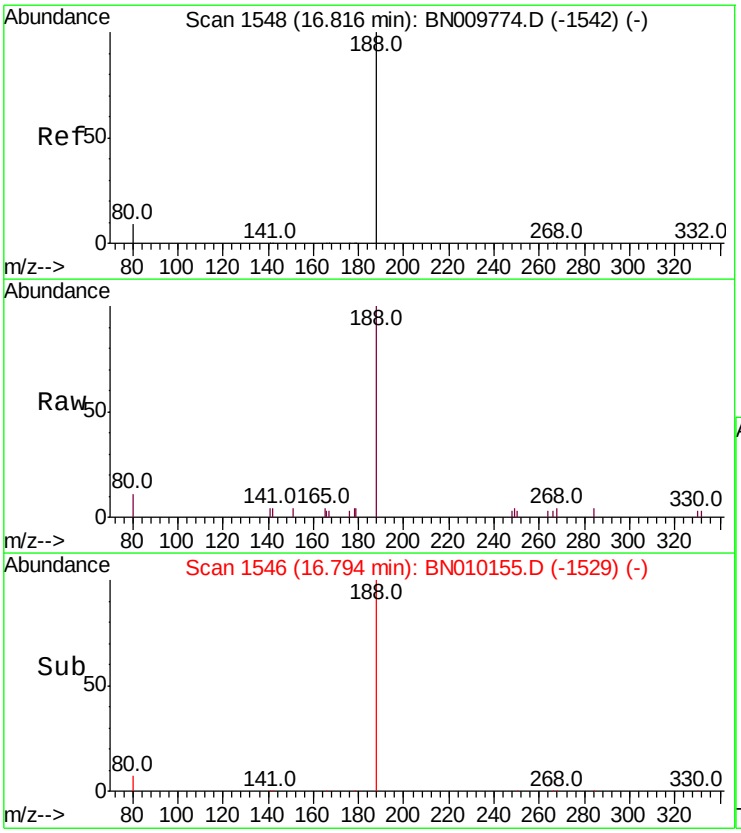
#18
Fluorene
Concen: 0.044 ng
RT: 15.10 min Scan# 1391
Delta R.T. -0.01 min
Lab File: BN010155.D
Acq: 09 Mar 2020 21:07

Instrument :
BNA_N
ClientSampleId :
RE108D1-20200304

Tgt Ion:166 Resp: 286

Ion	Ratio	Lower	Upper
166	100		
165	98.3	77.2	115.8
167	13.6	10.5	15.7

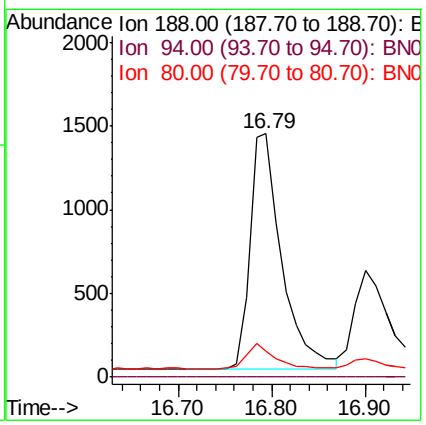


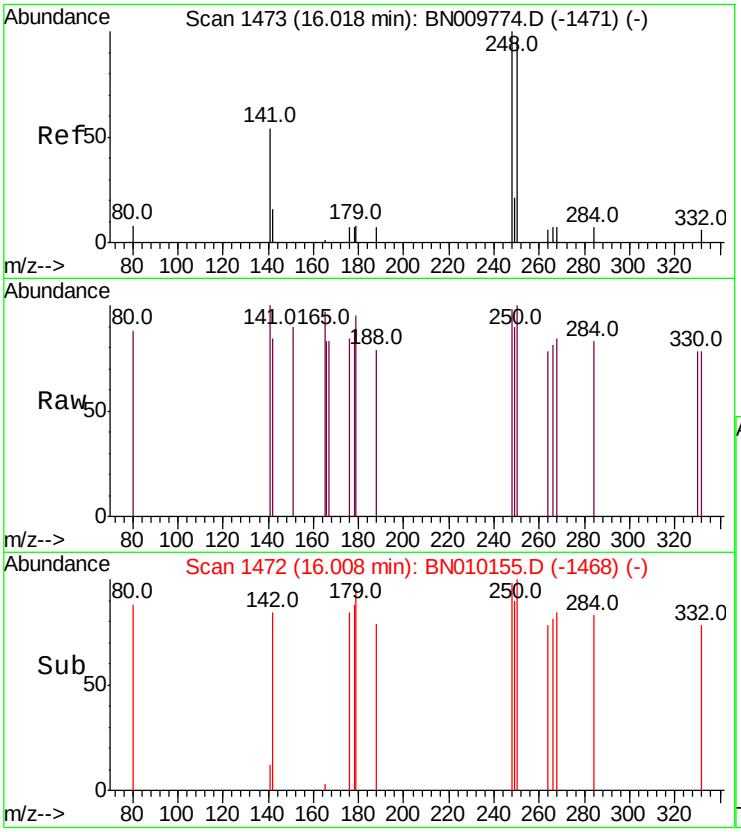


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.79 min Scan# 1546
Delta R.T. -0.02 min
Lab File: BN010155.D
Acq: 09 Mar 2020 21:07

Tgt Ion:188 Resp: 3344

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	10.7	8.3	12.5



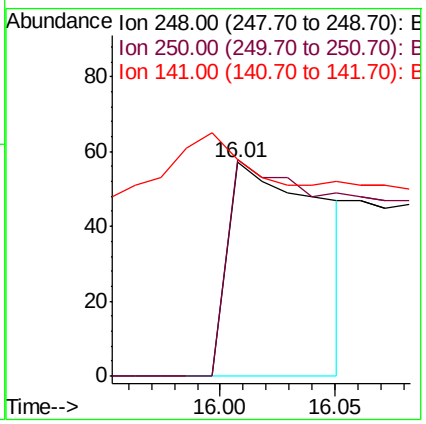


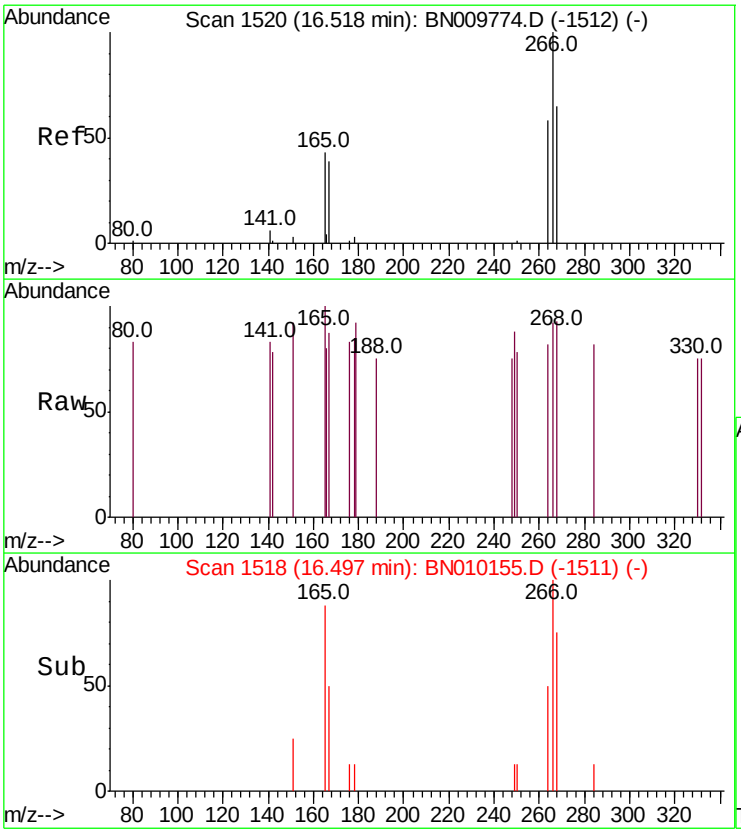
#20
4-Bromophenyl-phenylether
Concen: Below Cal
RT: 16.01 min Scan# 1472
Delta R.T. -0.01 min
Lab File: BN010155.D
Acq: 09 Mar 2020 21:07

Instrument :
BNA_N
ClientSampleId :
RE108D1-20200304

Tgt Ion:248 Resp: 164

Ion	Ratio	Lower	Upper
248	100		
250	101.8	76.2	114.4
141	101.8	57.8	86.6#

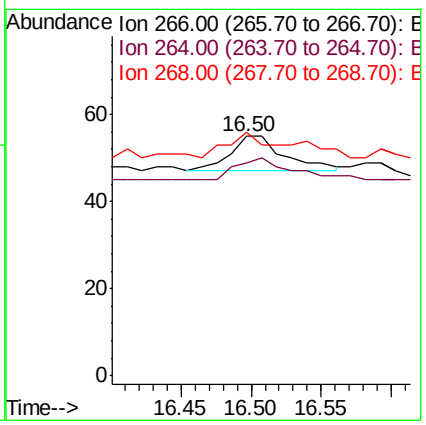


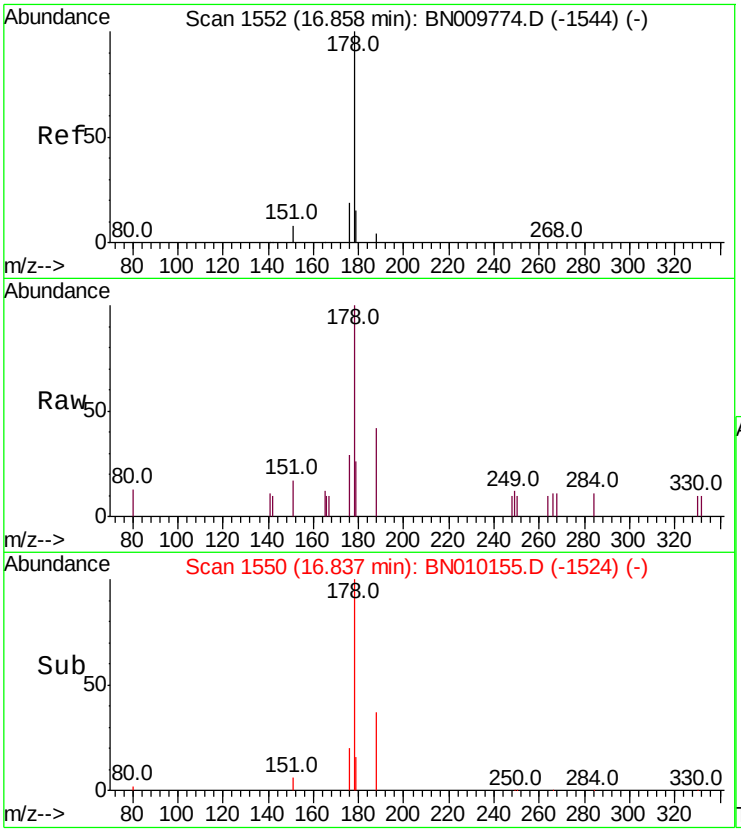


#22
Pentachlorophenol
Concen: 0.210 ng
RT: 16.50 min Scan# 1518
Delta R.T. -0.02 min
Lab File: BN010155.D
Acq: 09 Mar 2020 21:07

Tgt Ion:266 Resp: 22

Ion	Ratio	Lower	Upper
266	100		
264	89.1	58.1	87.1#
268	101.8	65.7	98.5#



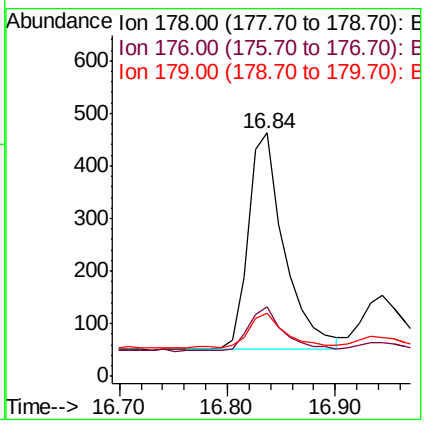


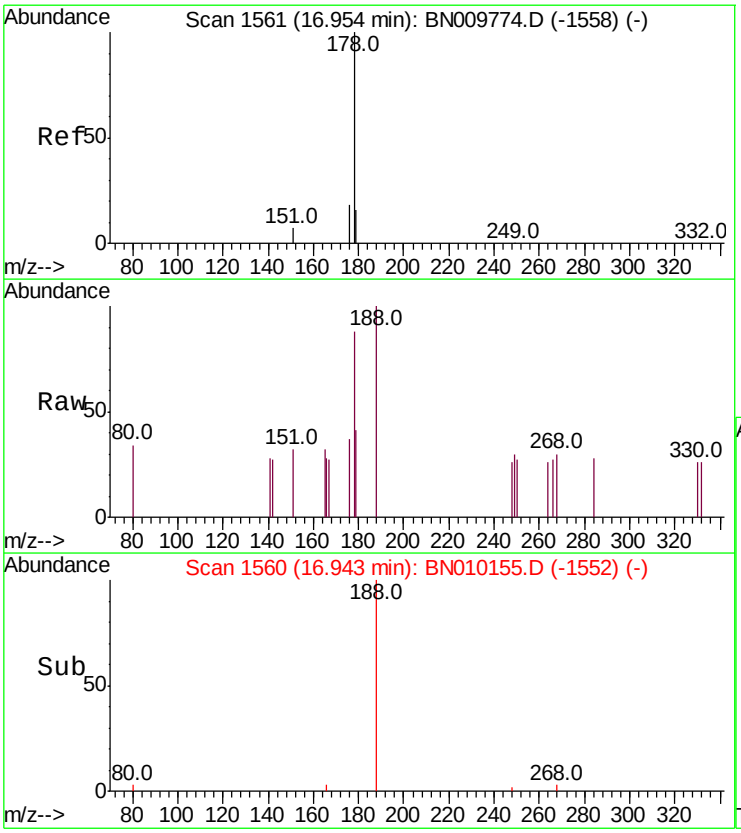
#23
Phenanthrene
Concen: 0.096 ng
RT: 16.84 min Scan# 1550
Delta R.T. -0.02 min
Lab File: BN010155.D
Acq: 09 Mar 2020 21:07

Instrument :
BNA_N
ClientSampleId :
RE108D1-20200304

Tgt Ion:178 Resp: 954

Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.3	22.9
179	16.2	12.4	18.6

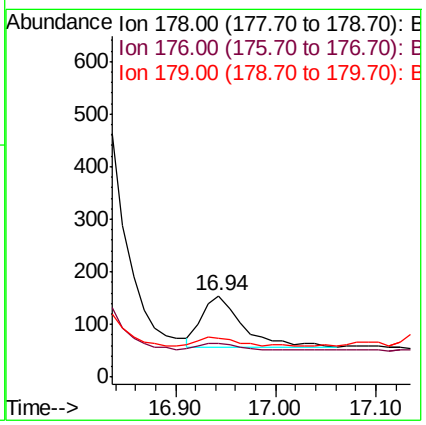


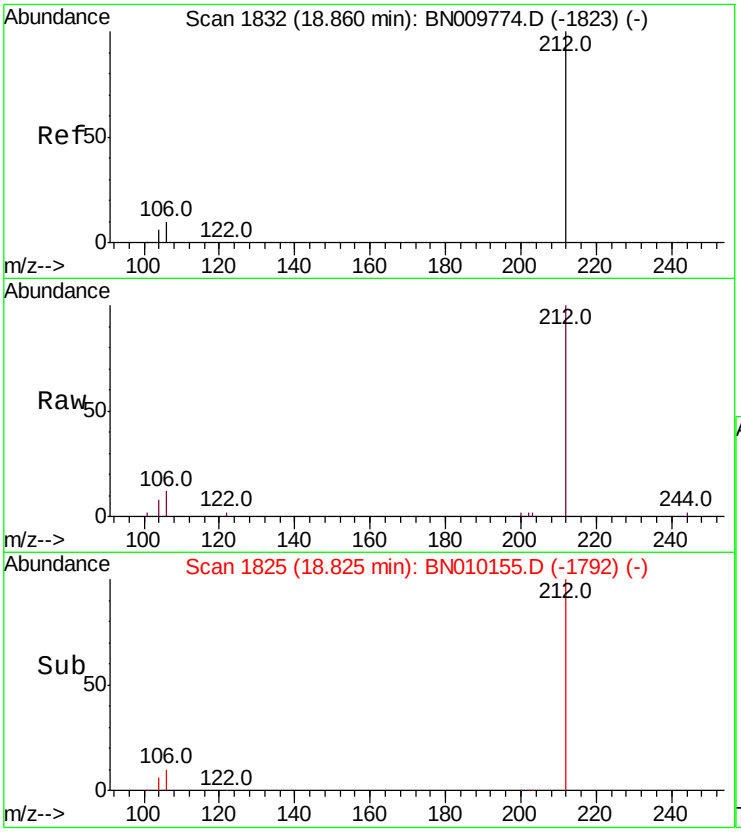


#24
Anthracene
Concen: 0.033 ng
RT: 16.94 min Scan# 1560
Delta R.T. -0.01 min
Lab File: BN010155.D
Acq: 09 Mar 2020 21:07

Tgt Ion:178 Resp: 281

Ion	Ratio	Lower	Upper
178	100		
176	12.1	14.3	21.5#
179	17.8	12.4	18.6



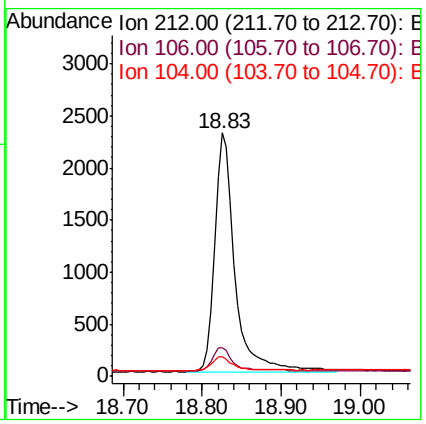


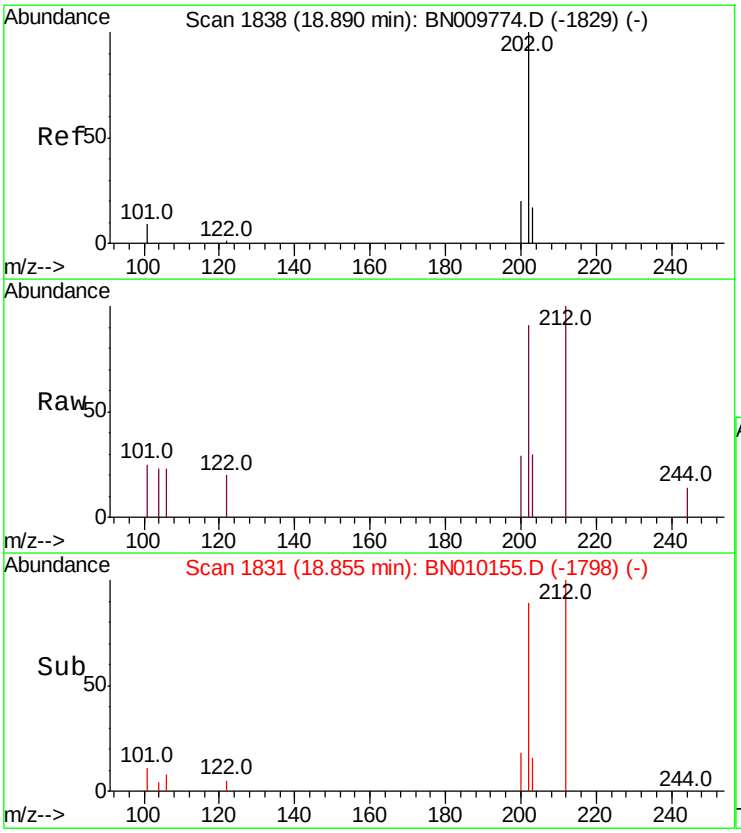
#25
Fluoranthene-d10
Concen: 0.355 ng
RT: 18.83 min Scan# 1825
Delta R.T. -0.03 min
Lab File: BN010155.D
Acq: 09 Mar 2020 21:07

Instrument :
BNA_N
ClientSampleId :
RE108D1-20200304

Tgt Ion:212 Resp: 4105

Ion	Ratio	Lower	Upper
212	100		
106	10.4	8.4	12.6
104	6.4	4.8	7.2

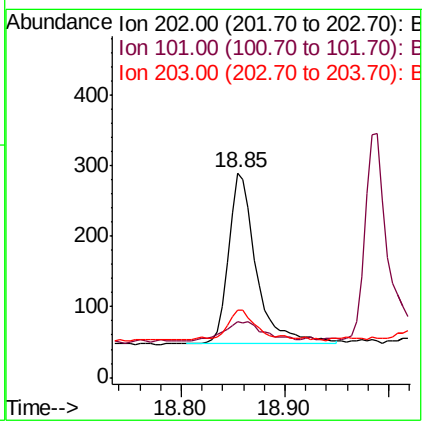


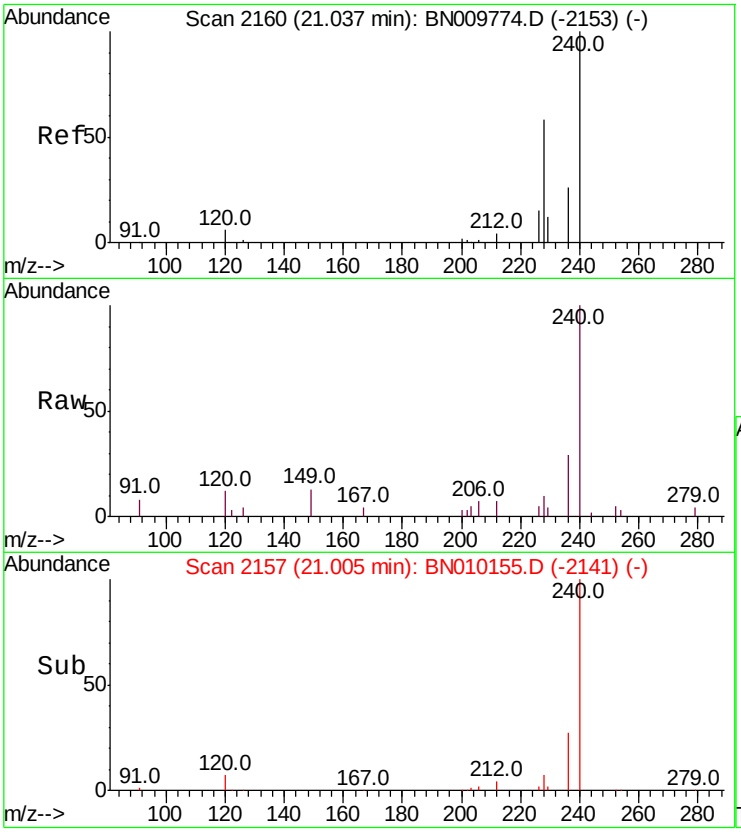


#26
Fluoranthene
Concen: 0.037 ng
RT: 18.85 min Scan# 1831
Delta R.T. -0.03 min
Lab File: BN010155.D
Acq: 09 Mar 2020 21:07

Tgt Ion:202 Resp: 437

Ion	Ratio	Lower	Upper
202	100		
101	17.6	7.1	10.7#
203	16.0	13.8	20.6



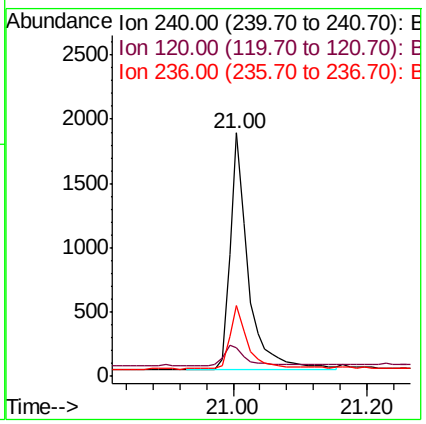


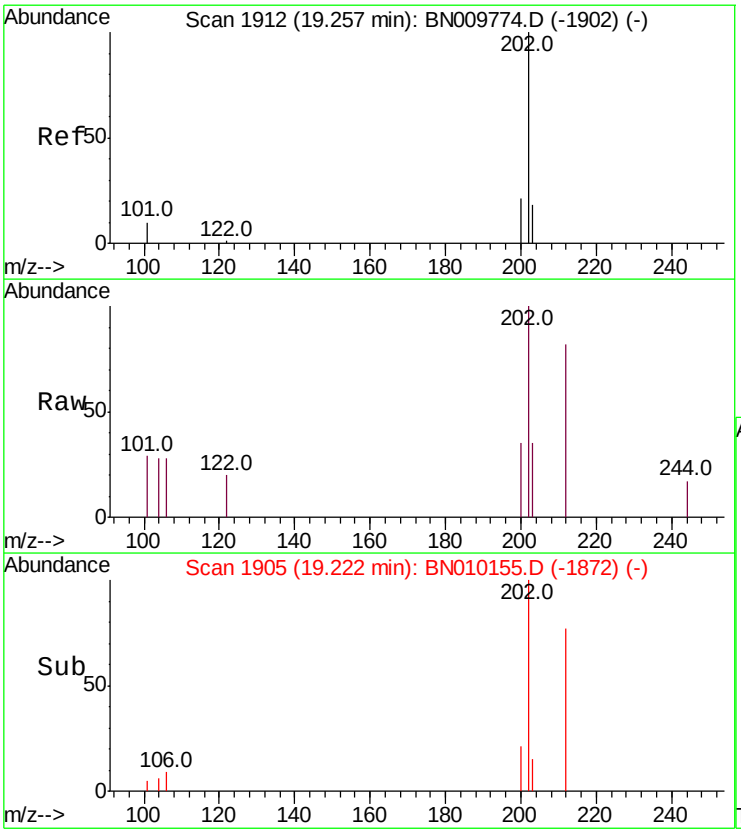
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.00 min Scan# 2157
Delta R.T. -0.03 min
Lab File: BN010155.D
Acq: 09 Mar 2020 21:07

Instrument :
BNA_N
ClientSampleId :
RE108D1-20200304

Tgt Ion:240 Resp: 3495

Ion	Ratio	Lower	Upper
240	100		
120	11.6	7.9	11.9
236	29.1	22.0	33.0

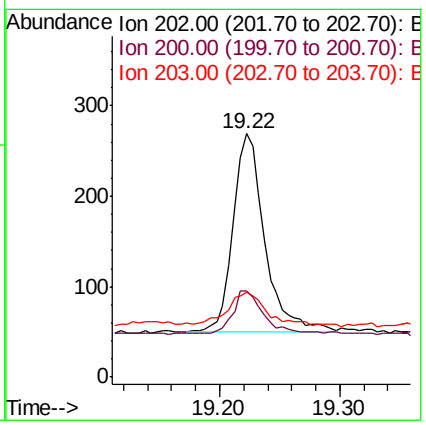


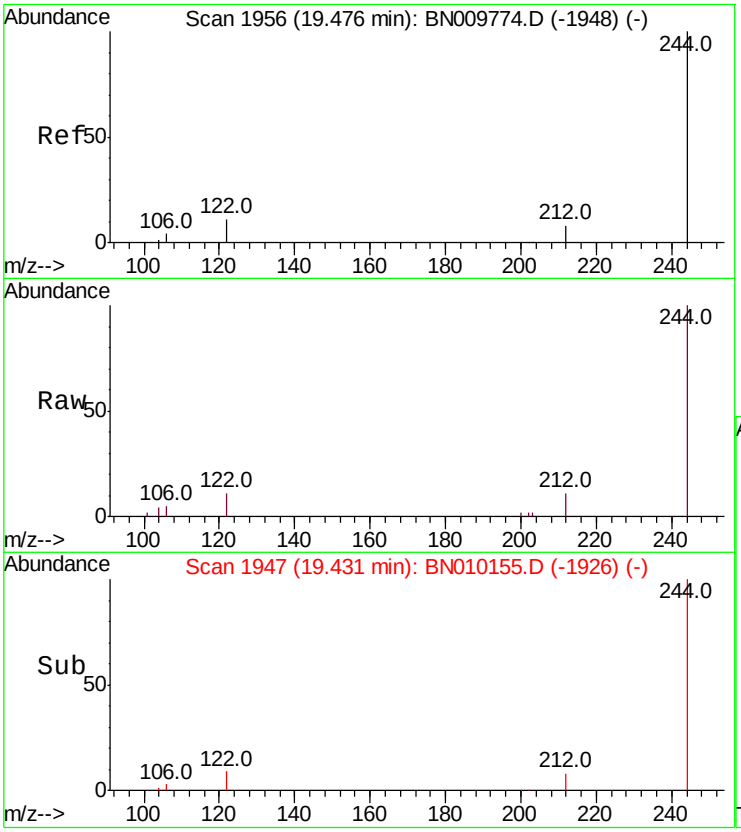


#28
Pyrene
Concen: 0.030 ng
RT: 19.22 min Scan# 1905
Delta R.T. -0.03 min
Lab File: BN010155.D
Acq: 09 Mar 2020 21:07

Tgt Ion:202 Resp: 401

Ion	Ratio	Lower	Upper
202	100		
200	22.2	16.4	24.6
203	22.4	13.9	20.9#



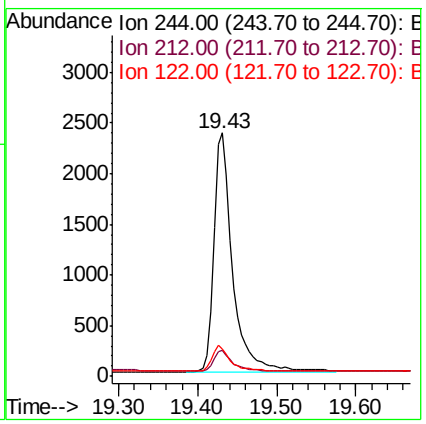


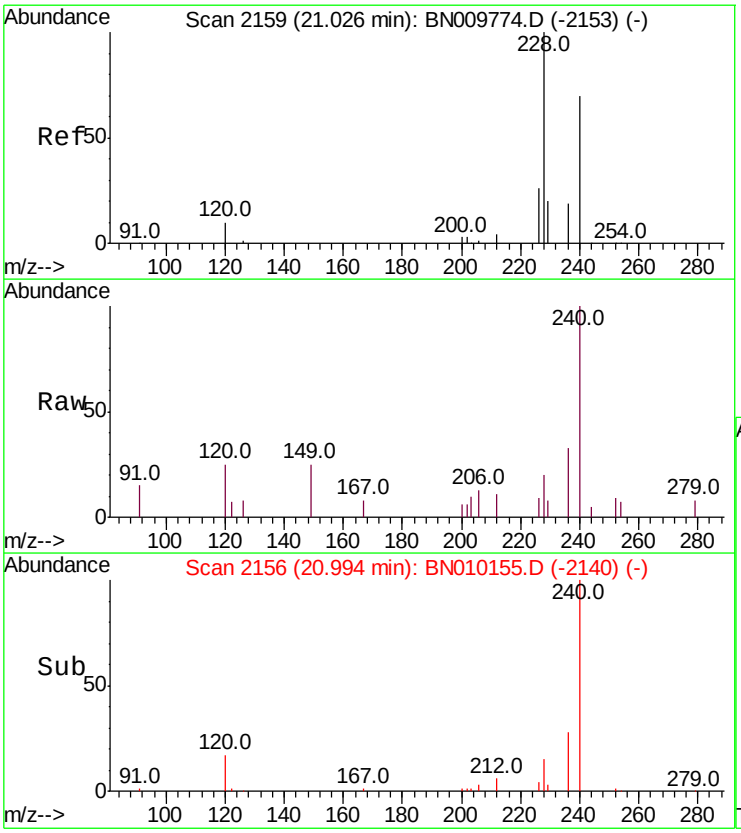
#29
Terphenyl-d14
Concen: 0.471 ng
RT: 19.43 min Scan# 1947
Delta R.T. -0.04 min
Lab File: BN010155.D
Acq: 09 Mar 2020 21:07

Instrument :
BNA_N
ClientSampleId :
RE108D1-20200304

Tgt Ion:244 Resp: 3935

Ion	Ratio	Lower	Upper
244	100		
212	10.6	8.0	12.0
122	11.2	10.0	15.0

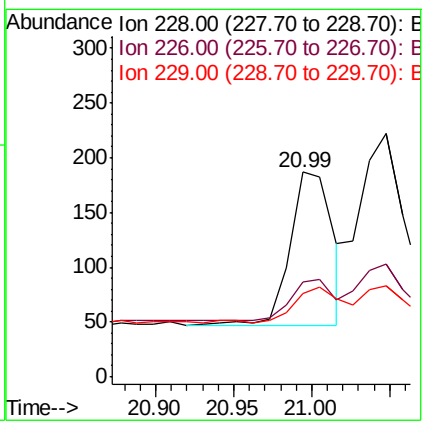


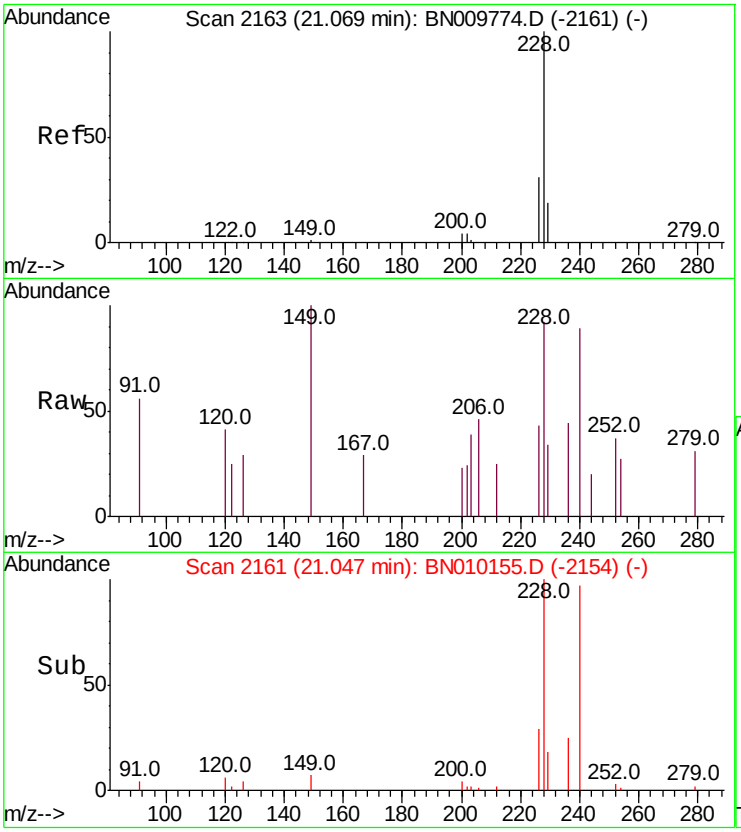


#30
Benzo(a)anthracene
Concen: 0.023 ng
RT: 20.99 min Scan# 2156
Delta R.T. -0.03 min
Lab File: BN010155.D
Acq: 09 Mar 2020 21:07

Tgt Ion:228 Resp: 266

Ion	Ratio	Lower	Upper
228	100		
226	46.5	21.8	32.8#
229	40.6	17.1	25.7#



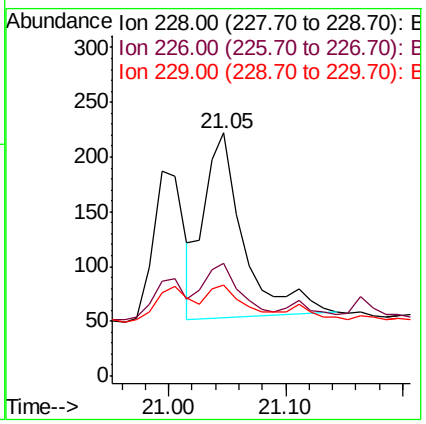


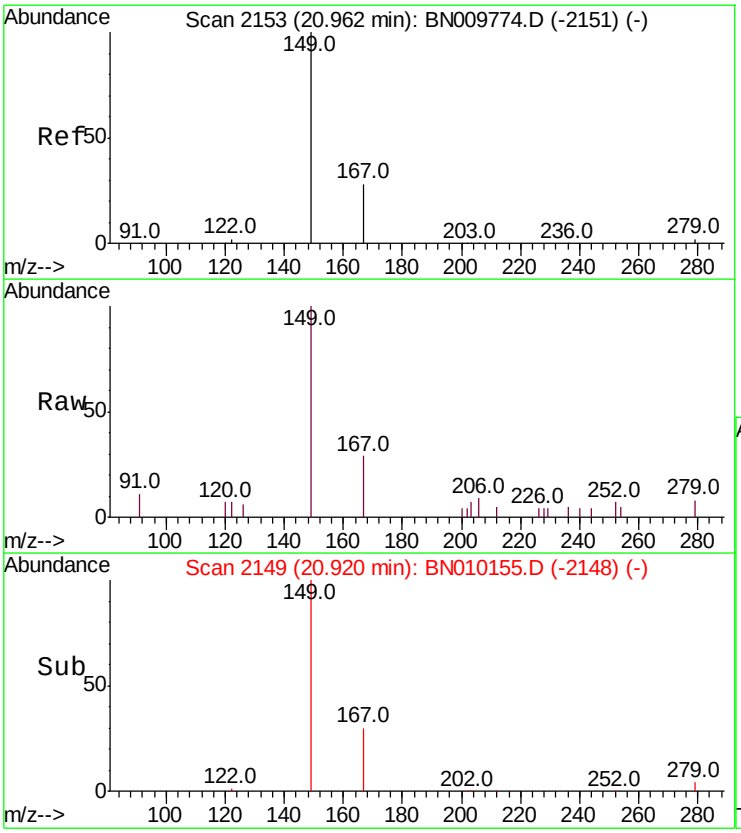
#31
Chrysene
Concen: 0.030 ng
RT: 21.05 min Scan# 2161
Delta R.T. -0.02 min
Lab File: BN010155.D
Acq: 09 Mar 2020 21:07

Instrument :
BNA_N
ClientSampleId :
RE108D1-20200304

Tgt Ion:228 Resp: 396

Ion	Ratio	Lower	Upper
228	100		
226	46.4	24.8	37.2#
229	37.4	16.4	24.6#

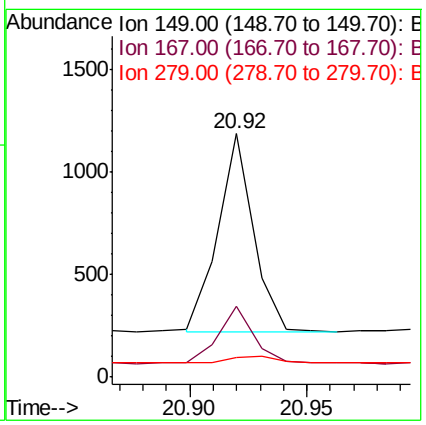


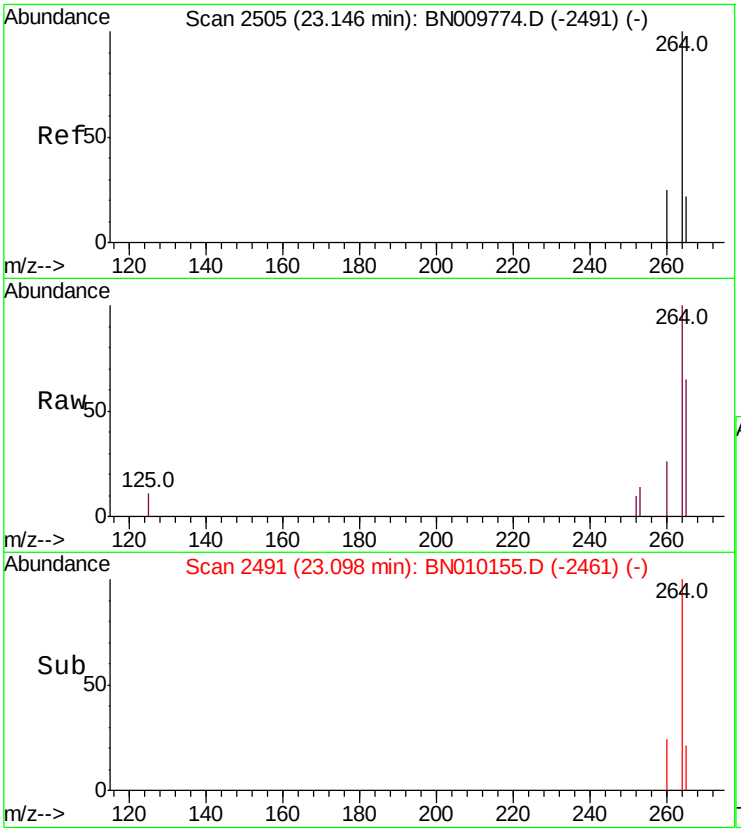


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.177 ng
RT: 20.92 min Scan# 2149
Delta R.T. -0.04 min
Lab File: BN010155.D
Acq: 09 Mar 2020 21:07

Tgt Ion:149 Resp: 1002

Ion	Ratio	Lower	Upper
149	100		
167	28.2	22.7	34.1
279	4.5	3.1	4.7



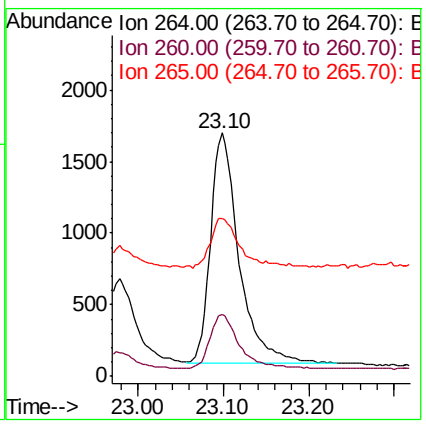


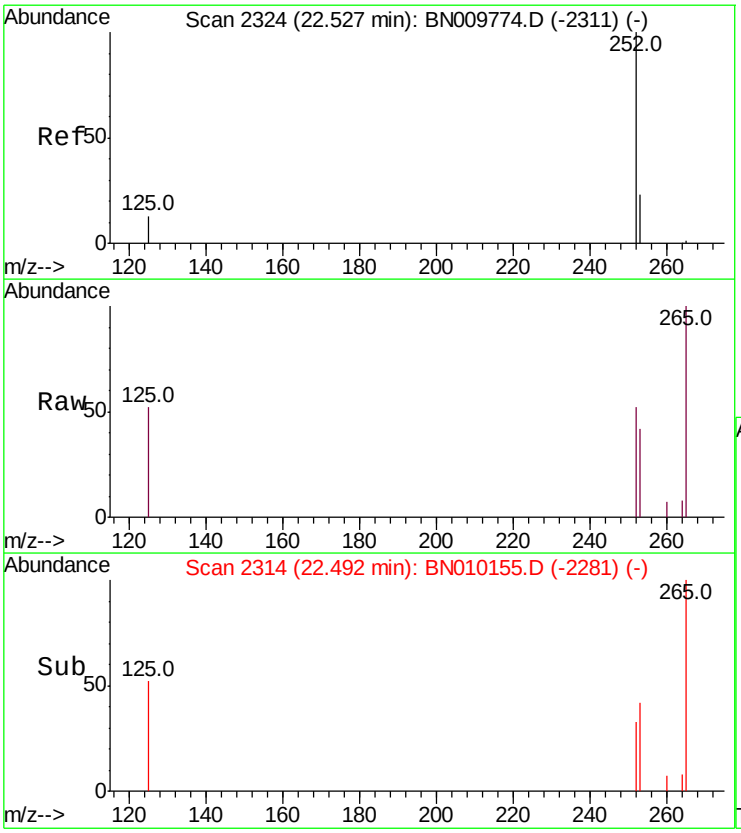
#34
Perylene-d12
Concen: 0.400 ng
RT: 23.10 min Scan# 2491
Delta R.T. -0.05 min
Lab File: BN010155.D
Acq: 09 Mar 2020 21:07

Instrument :
BNA_N
ClientSampleId :
RE108D1-20200304

Tgt Ion:264 Resp: 3720

Ion	Ratio	Lower	Upper
264	100		
260	25.6	21.1	31.7
265	64.7	57.5	86.3

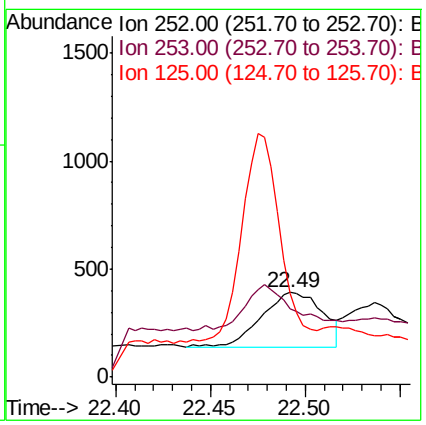


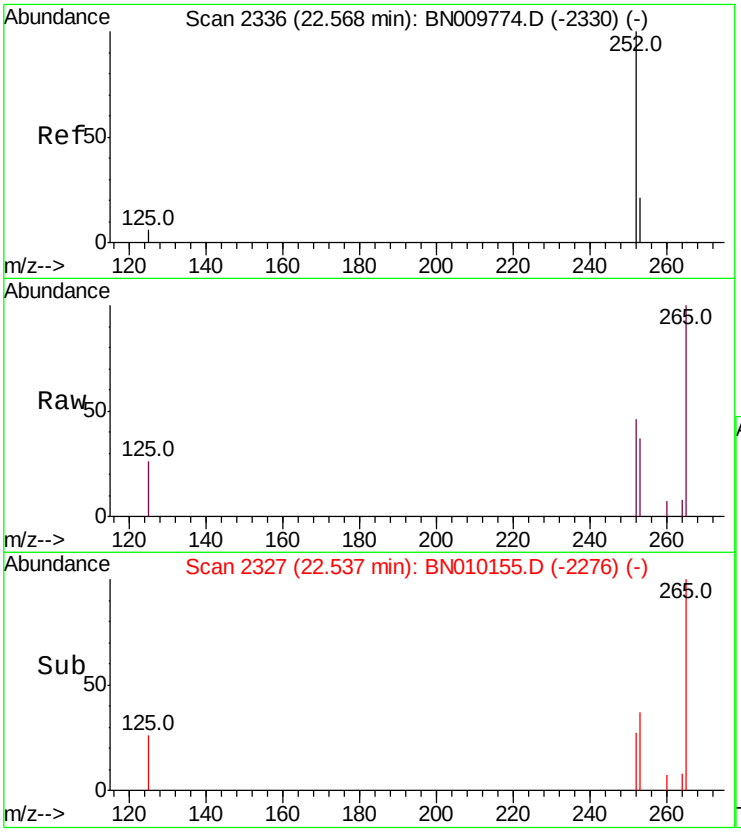


#35
Benzo(b)fluoranthene
Concen: 0.042 ng
RT: 22.49 min Scan# 2314
Delta R.T. -0.03 min
Lab File: BN010155.D
Acq: 09 Mar 2020 21:07

Tgt Ion:252 Resp: 568

Ion	Ratio	Lower	Upper
252	100		
253	81.3	23.0	34.6#
125	99.2	14.4	21.6#



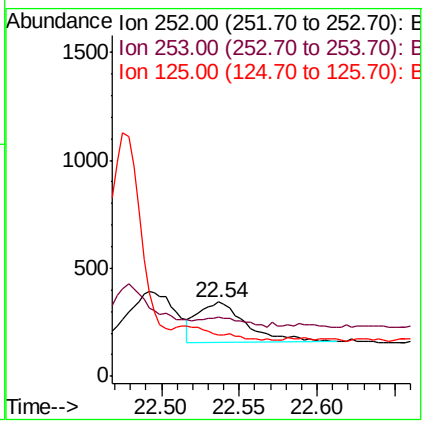


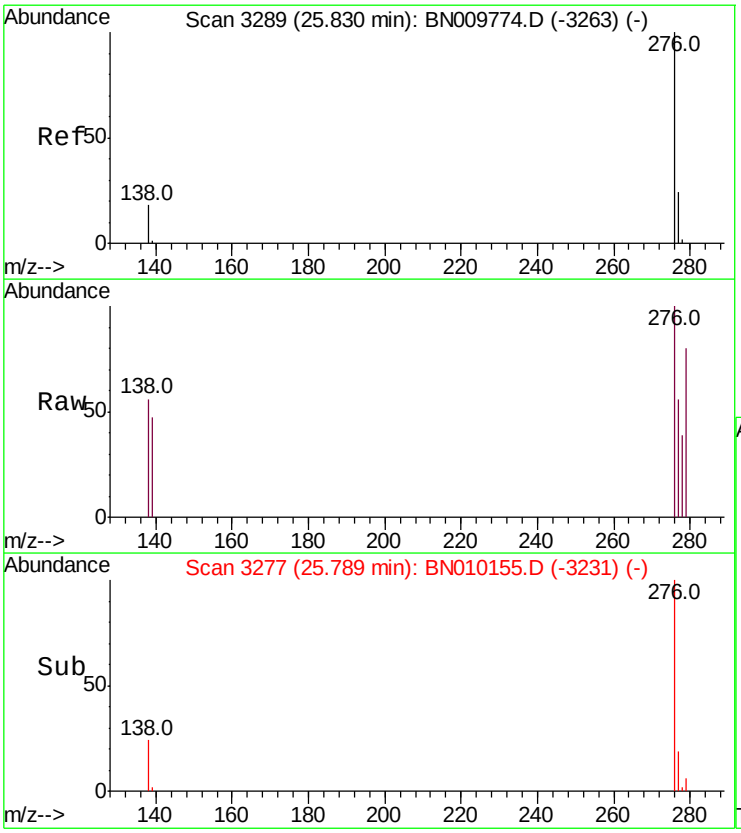
#36
Benzo(k)fluoranthene
Concen: 0.028 ng
RT: 22.54 min Scan# 2327
Delta R.T. -0.03 min
Lab File: BN010155.D
Acq: 09 Mar 2020 21:07

Instrument :
BNA_N
ClientSampleId :
RE108D1-20200304

Tgt Ion:252 Resp: 416

Ion	Ratio	Lower	Upper
252	100		
253	80.3	22.2	33.2#
125	55.4	10.5	15.7#





#39
Benzo(g,h,i)perylene
Concen: 0.029 ng
RT: 25.79 min Scan# 3277
Delta R.T. -0.04 min
Lab File: BN010155.D
Acq: 09 Mar 2020 21:07

Tgt Ion:276 Resp: 372

Ion	Ratio	Lower	Upper
276	100		
277	56.1	21.4	32.0#
138	56.1	16.6	24.8#