Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN030920\
Data File : BN010150.D
Acq On : 09 Mar 2020 18:07
Operator : CG/JU
Sample : L1842-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId :

Quant Time: Mar 09 22:12:11 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	7.36	152	865	0.40	ng	-0.06
7) Naphthalene-d8	10.13	136	3062	0.40	ng	-0.05
13) Acenaphthene-d10	14.00	164	2195	0.40	ng	-0.06
19) Phenanthrene-d10	16.78	188	4683	0.40	ng	-0.03
27) Chrysene-d12	21.00	240	4968	0.40	ng	-0.03
34) Perylene-d12	23.10	264	5265	0.40	ng	-0.04
System Monitoring Compounds						
4) 2-Fluorophenol	5.03	112	428	0.22	ng	-0.06
5) Phenol-d6	6.61	99	237	0.10	ng	-0.03
8) Nitrobenzene-d5	8.58	82	809	0.32	ng	-0.01
11) 2-Methylnaphthalene-d10	11.73	152	1839	0.31	ng	-0.05
14) 2,4,6-Tribromophenol	15.55	330	358	0.42	ng	-0.03
15) 2-Fluorobiphenyl	12.63	172	3134	0.38	ng	-0.06
25) Fluoranthene-d10	18.83	212	5267	0.33	ng	-0.03
29) Terphenyl-d14	19.43	244	4889	0.41	ng	-0.05
Target Compounds						Qvalue
20) 4-Bromophenyl-phenylether	16.01	248	91	Below Cal	#	80
22) Pentachlorophenol	16.48	266	10	0.189	ng	# 75
28) Pyrene	19.22	202	444	0.024	ng	99
32) Bis(2-ethylhexyl)phthalate	20.92	149	514	0.064	ng	# 97
35) Benzo(b)fluoranthene	22.49	252	619	0.032	ng	# 1
36) Benzo(k)fluoranthene	22.53	252	570	0.027	ng	# 22
37) Benzo(a)pyrene	23.02	252	1067	0.061	ng	# 45
39) Benzo(g,h,i)perylene	25.78	276	751	0.041	ng	# 64

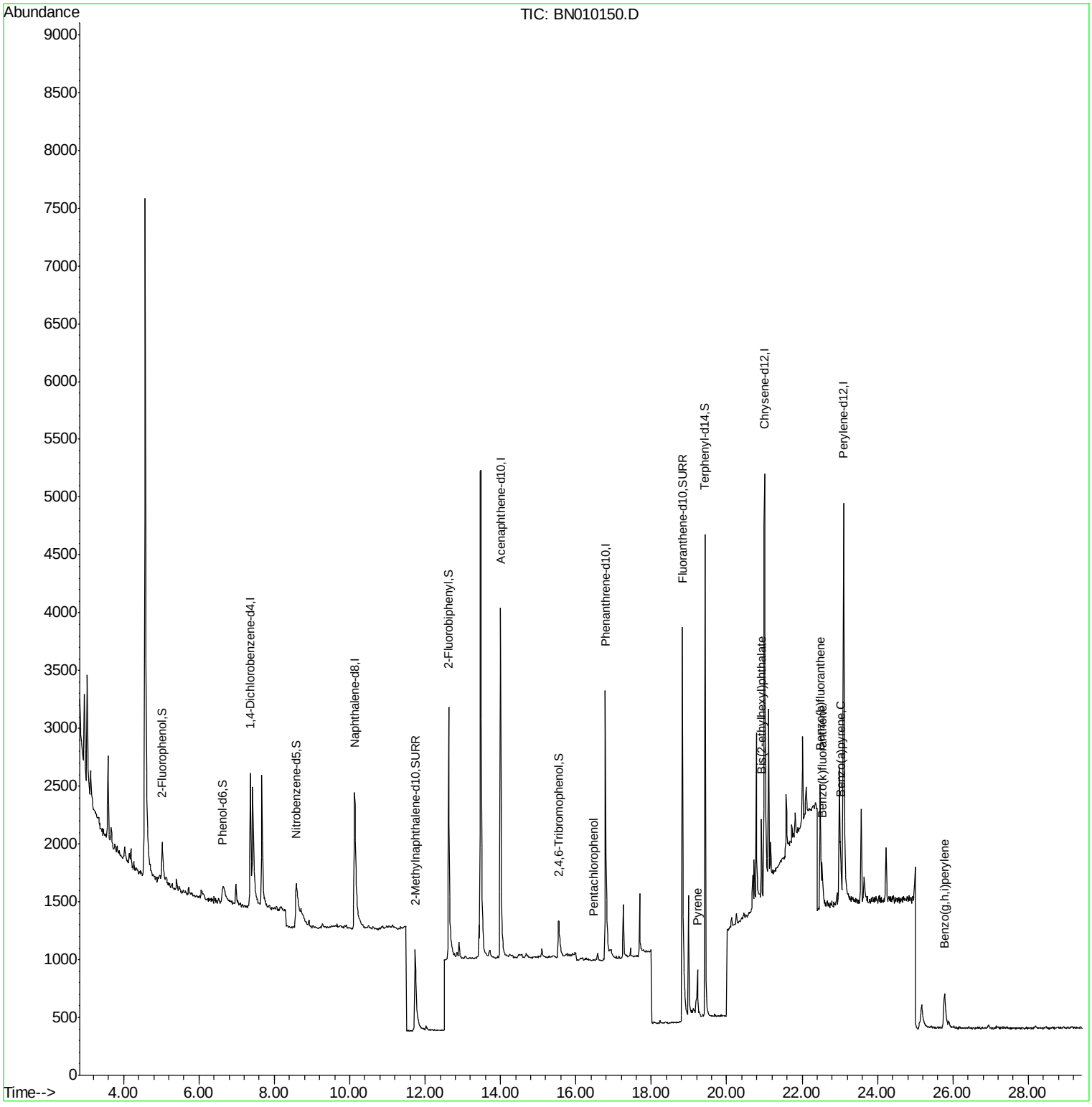
(#) = qualifier out of range (m) = manual integration (+) = signals summed

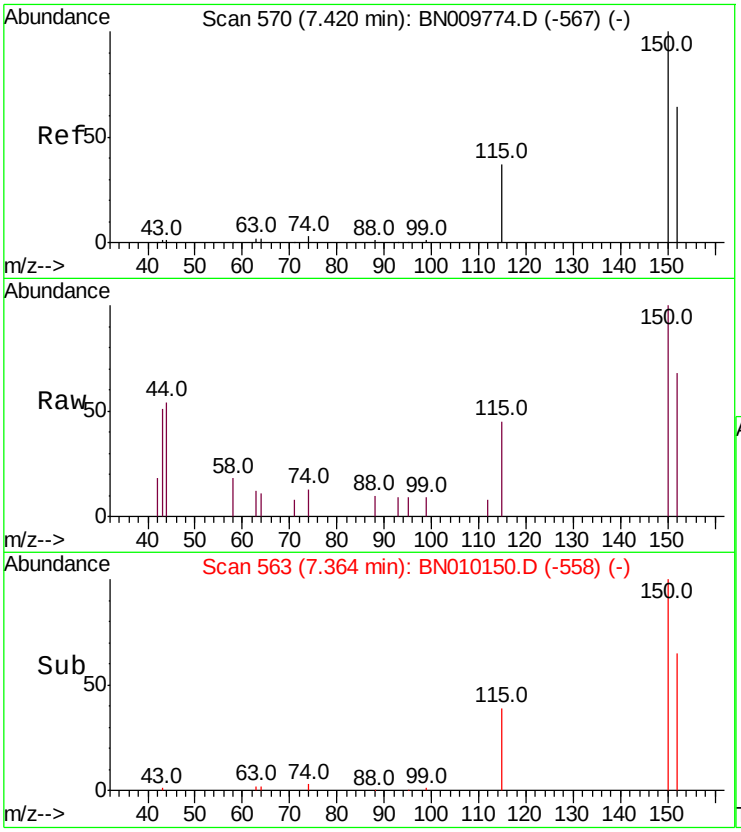
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN030920\
Data File : BN010150.D
Acq On : 09 Mar 2020 18:07
Operator : CG/JU
Sample : L1842-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Mar 09 22:12:11 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



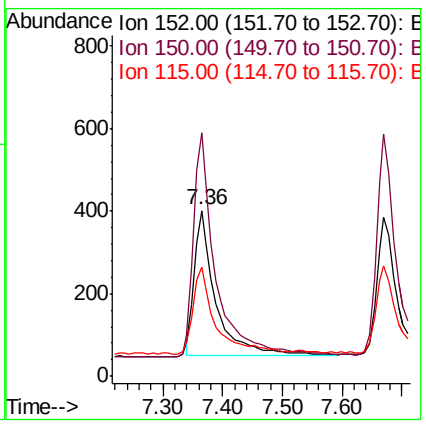


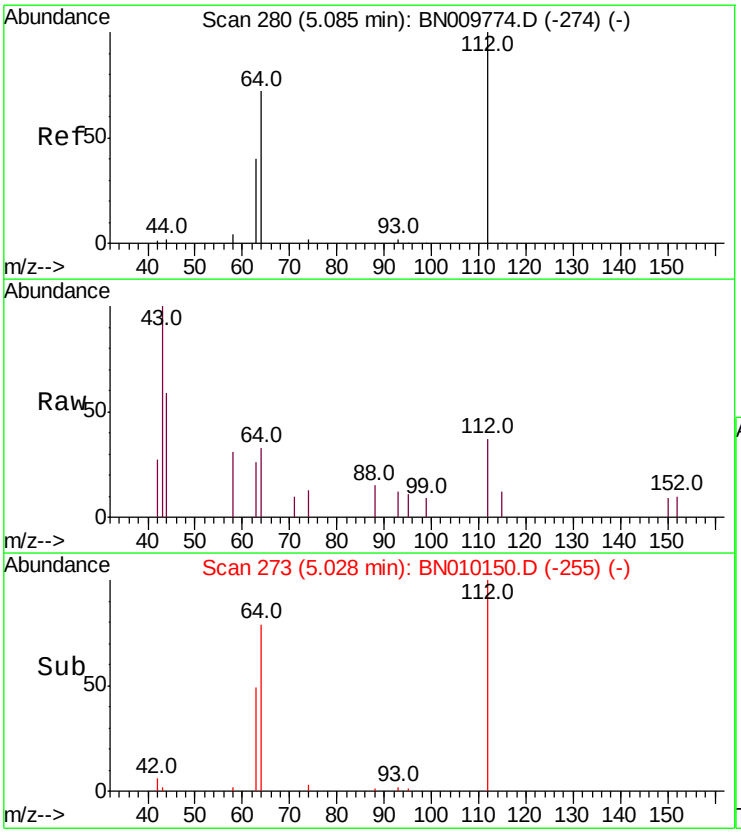
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.36 min Scan# 563
Delta R.T. -0.06 min
Lab File: BN010150.D
Acq: 09 Mar 2020 18:07

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 865

Ion	Ratio	Lower	Upper
152	100		
150	147.1	120.6	181.0
115	65.8	51.2	76.8

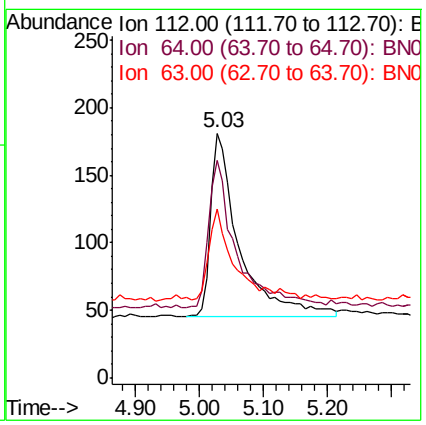


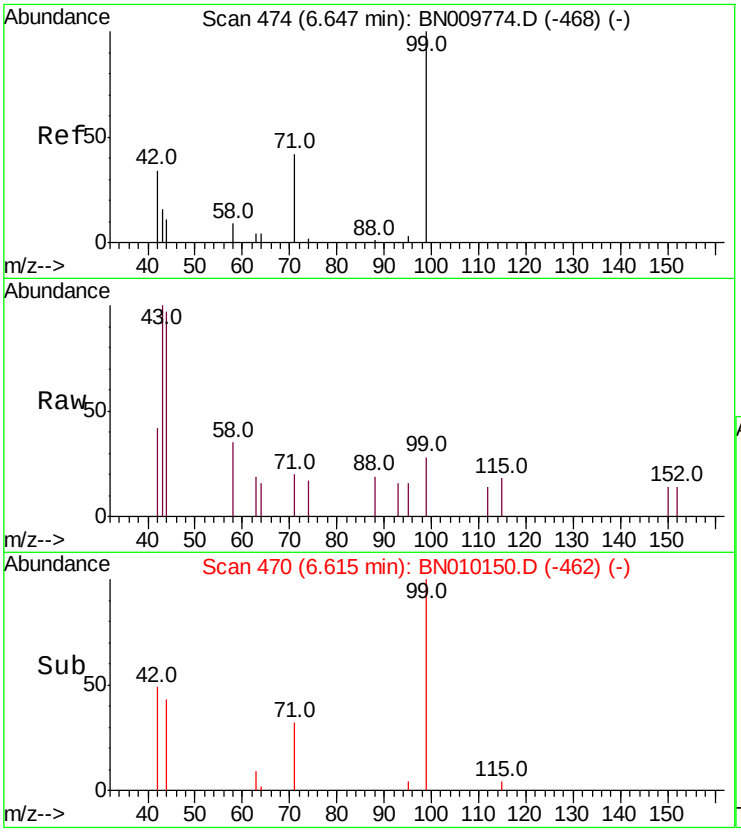


#4
2-Fluorophenol
Concen: 0.223 ng
RT: 5.03 min Scan# 273
Delta R.T. -0.06 min
Lab File: BN010150.D
Acq: 09 Mar 2020 18:07

Tgt Ion:112 Resp: 428

Ion	Ratio	Lower	Upper
112	100		
64	77.3	65.8	98.6
63	40.2	38.7	58.1



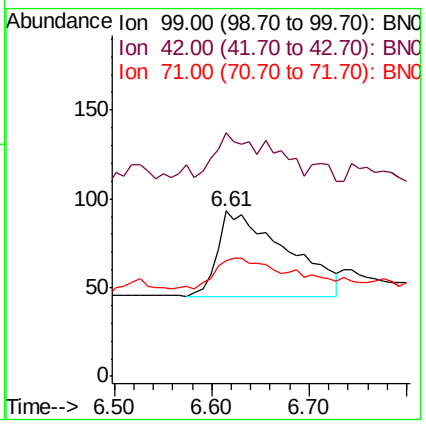


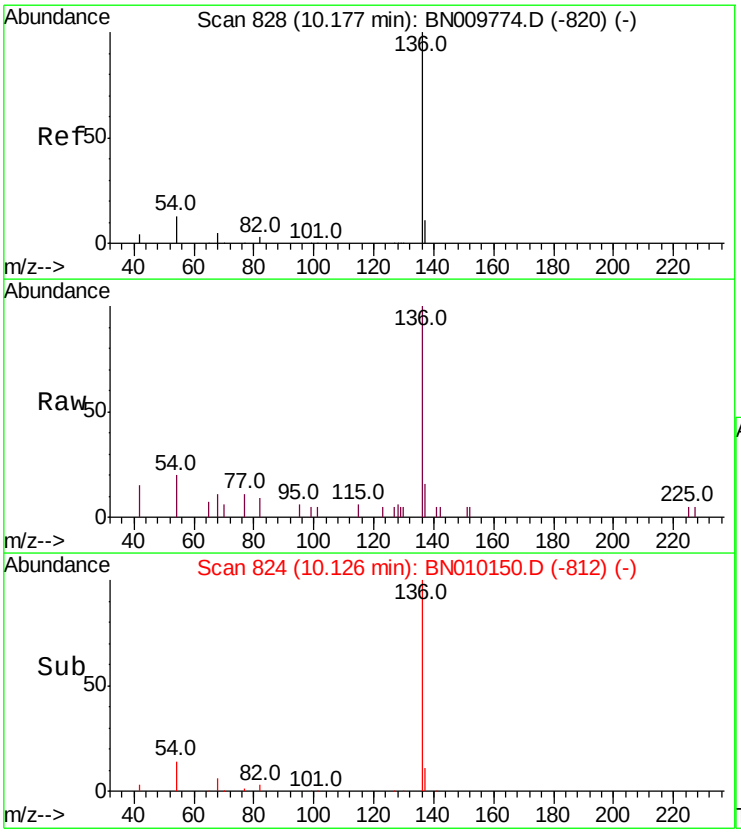
#5
Phenol-d6
Concen: 0.101 ng
RT: 6.61 min Scan# 470
Delta R.T. -0.03 min
Lab File: BN010150.D
Acq: 09 Mar 2020 18:07

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 99 Resp: 237

Ion	Ratio	Lower	Upper
99	100		
42	26.2	30.8	46.2#
71	40.1	34.9	52.3

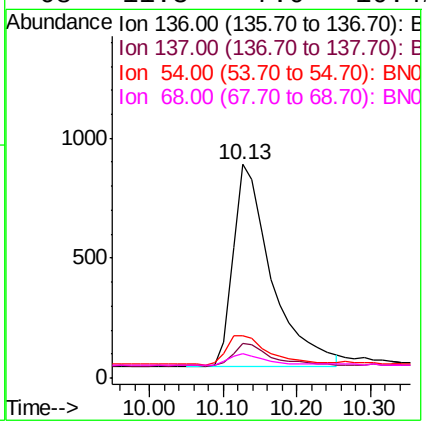


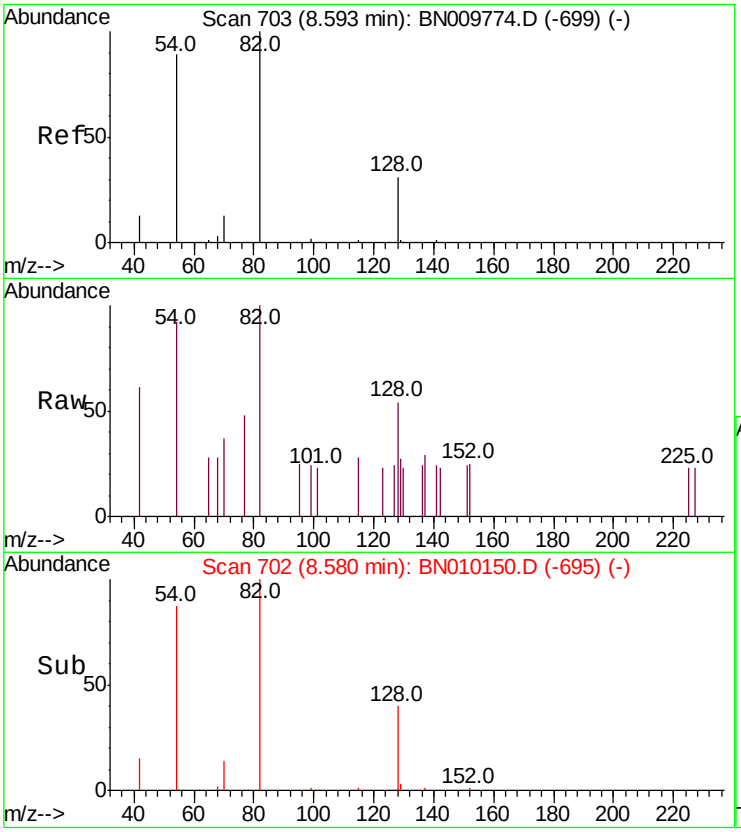


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.13 min Scan# 824
Delta R.T. -0.05 min
Lab File: BN010150.D
Acq: 09 Mar 2020 18:07

Tgt Ion:136 Resp: 3062

Ion	Ratio	Lower	Upper
136	100		
137	16.2	11.3	16.9
54	20.0	13.4	20.2
68	11.3	7.0	10.4#



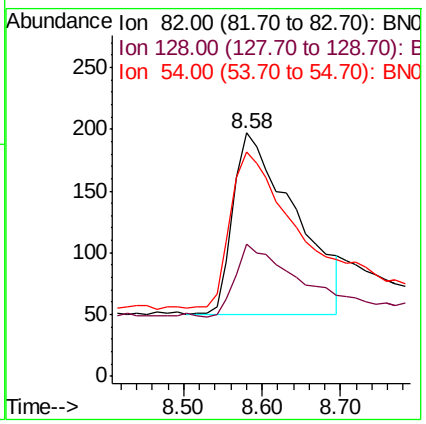


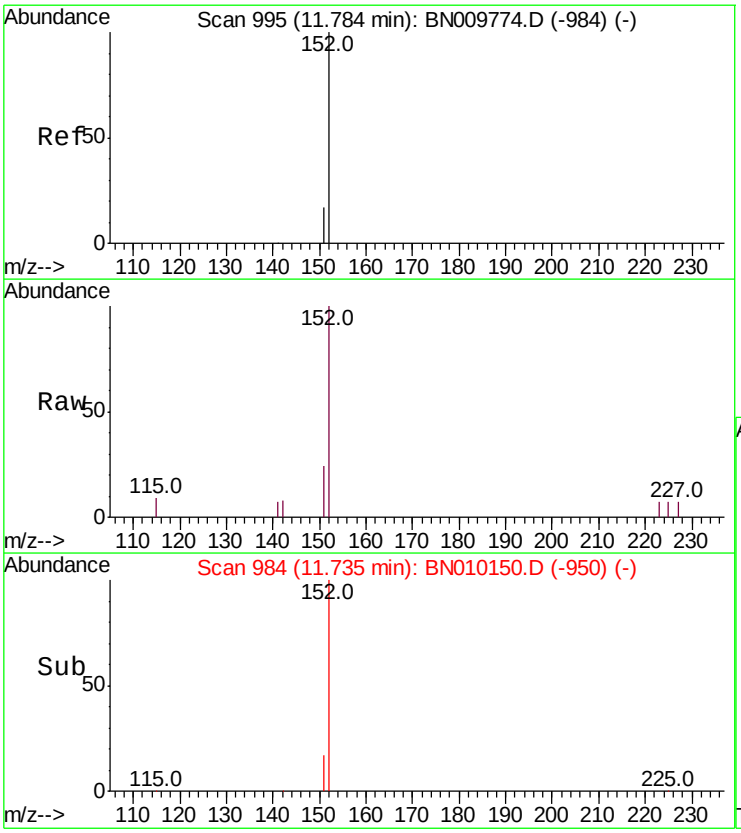
#8
Nitrobenzene-d5
Concen: 0.317 ng
RT: 8.58 min Scan# 702
Delta R.T. -0.01 min
Lab File: BN010150.D
Acq: 09 Mar 2020 18:07

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 82 Resp: 809

Ion	Ratio	Lower	Upper
82	100		
128	54.3	32.5	48.7#
54	92.4	73.5	110.3

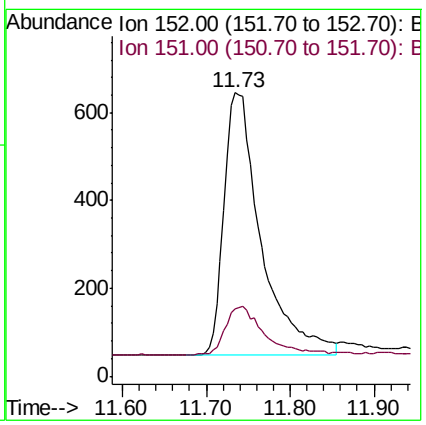


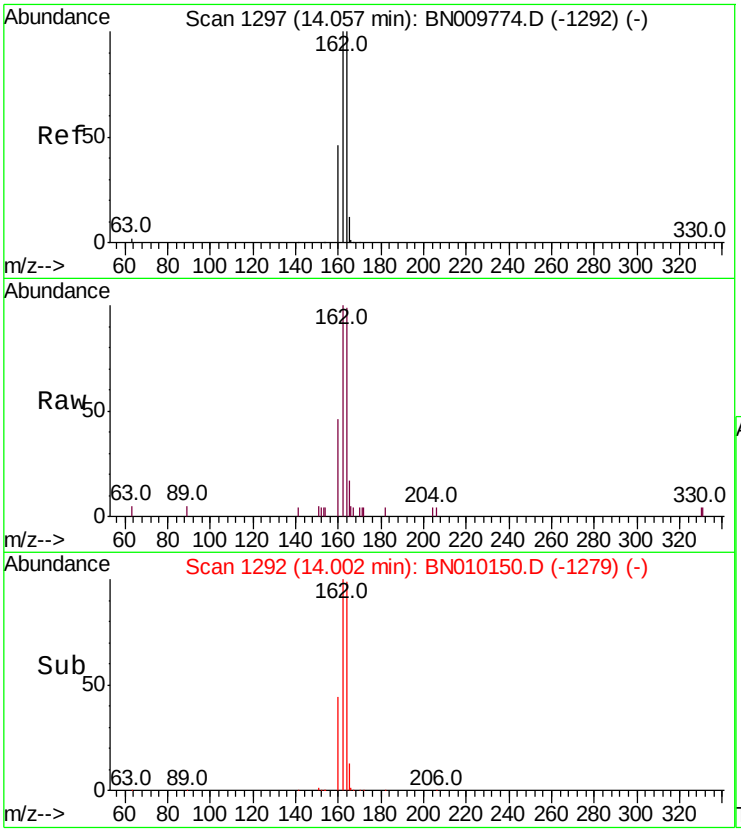


#11
2-Methylnaphthalene-d10
Concen: 0.310 ng
RT: 11.73 min Scan# 984
Delta R.T. -0.05 min
Lab File: BN010150.D
Acq: 09 Mar 2020 18:07

Tgt Ion:152 Resp: 1839

Ion	Ratio	Lower	Upper
152	100		
151	18.3	15.1	22.7



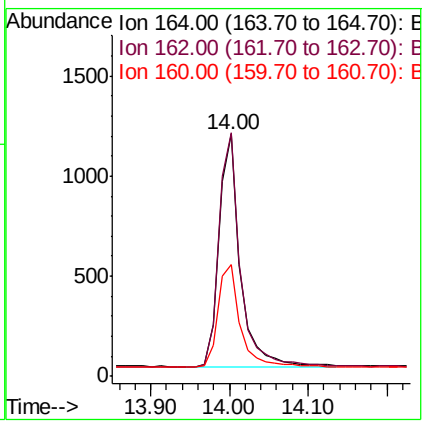


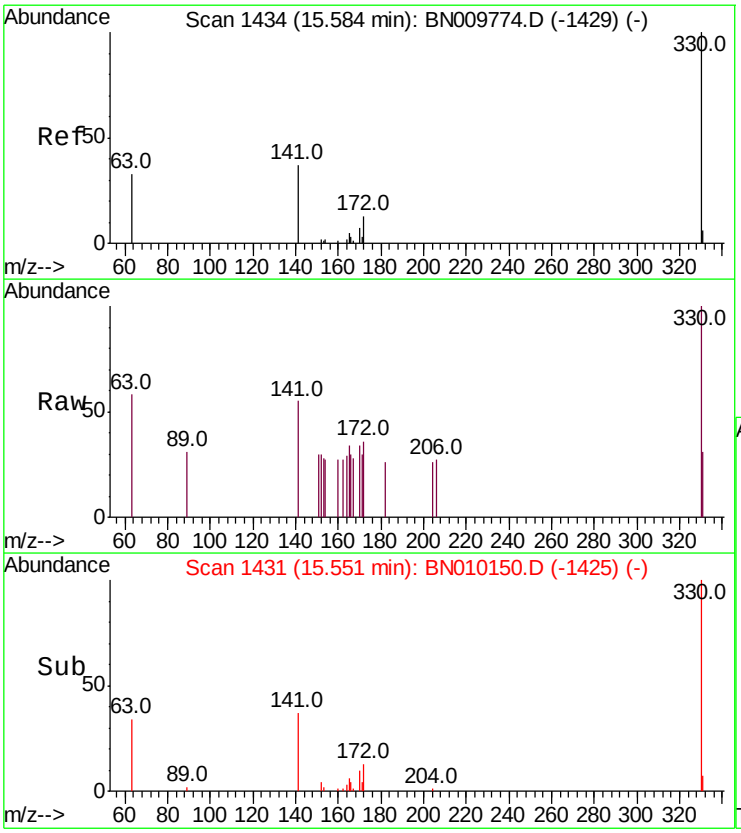
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.00 min Scan# 1292
Delta R.T. -0.06 min
Lab File: BN010150.D
Acq: 09 Mar 2020 18:07

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:164 Resp: 2195

Ion	Ratio	Lower	Upper
164	100		
162	100.7	79.9	119.9
160	46.1	38.2	57.2

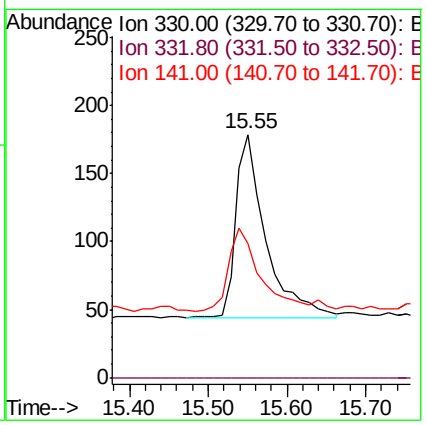


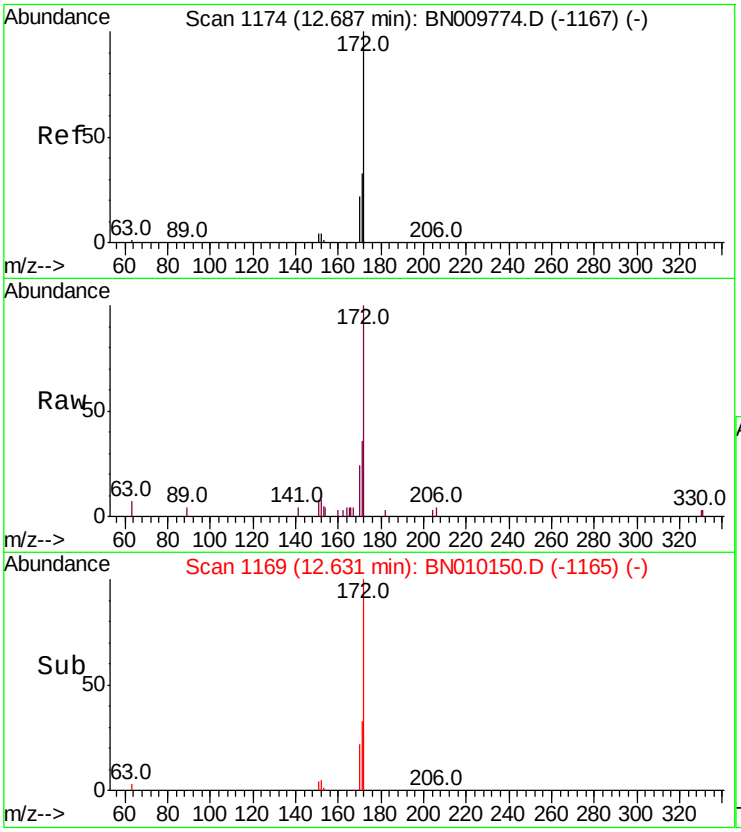


#14
2,4,6-Tribromophenol
Concen: 0.423 ng
RT: 15.55 min Scan# 1431
Delta R.T. -0.03 min
Lab File: BN010150.D
Acq: 09 Mar 2020 18:07

Tgt Ion:330 Resp: 358

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	50.6	36.8	55.2



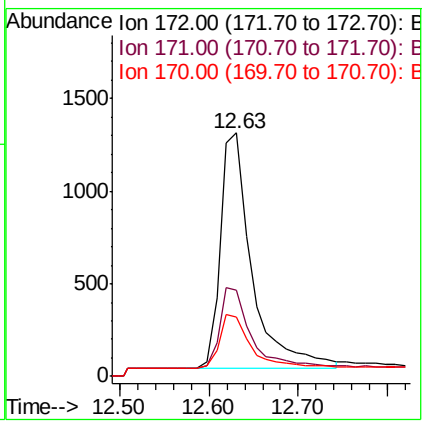


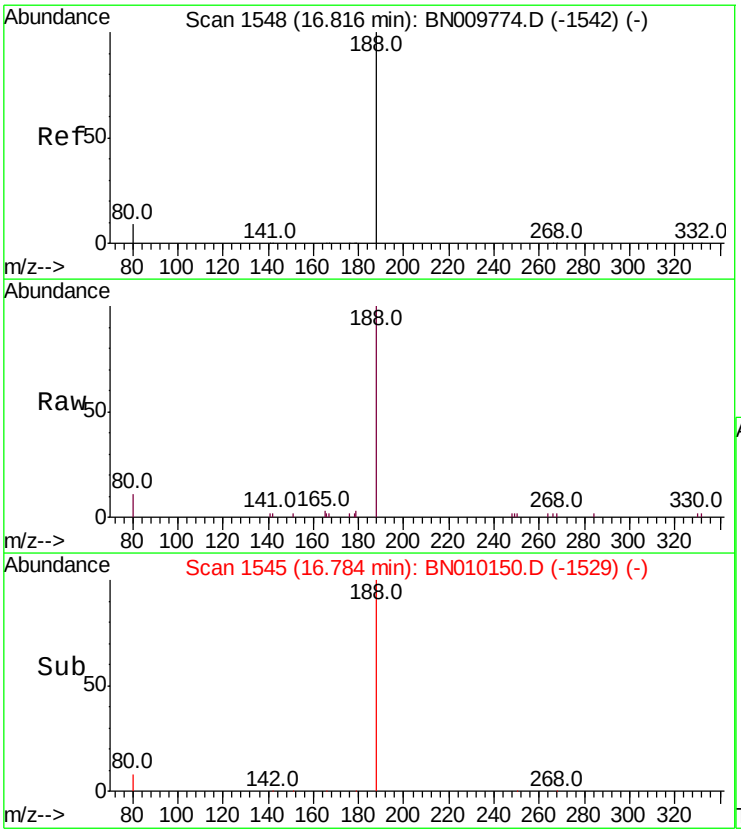
#15
2-Fluorobiphenyl
Concen: 0.378 ng
RT: 12.63 min Scan# 1169
Delta R.T. -0.06 min
Lab File: BN010150.D
Acq: 09 Mar 2020 18:07

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:172 Resp: 3134

Ion	Ratio	Lower	Upper
172	100		
171	35.6	28.7	43.1
170	24.4	20.1	30.1

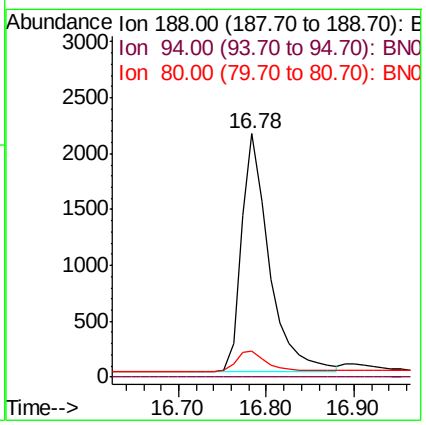


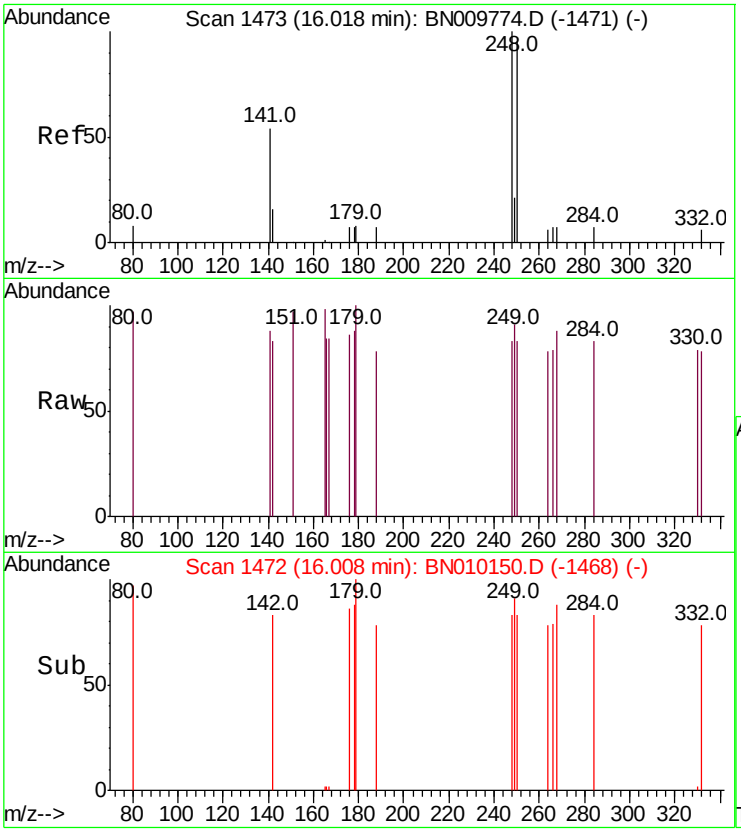


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.78 min Scan# 1545
Delta R.T. -0.03 min
Lab File: BN010150.D
Acq: 09 Mar 2020 18:07

Tgt Ion:188 Resp: 4683

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	10.9	8.3	12.5



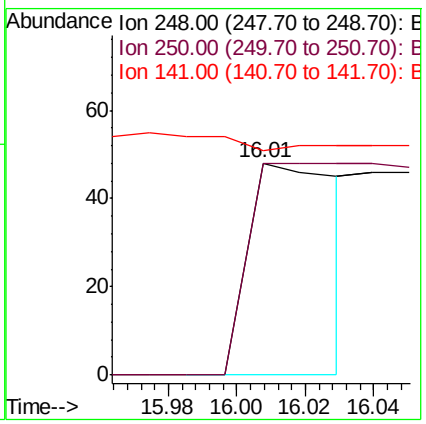


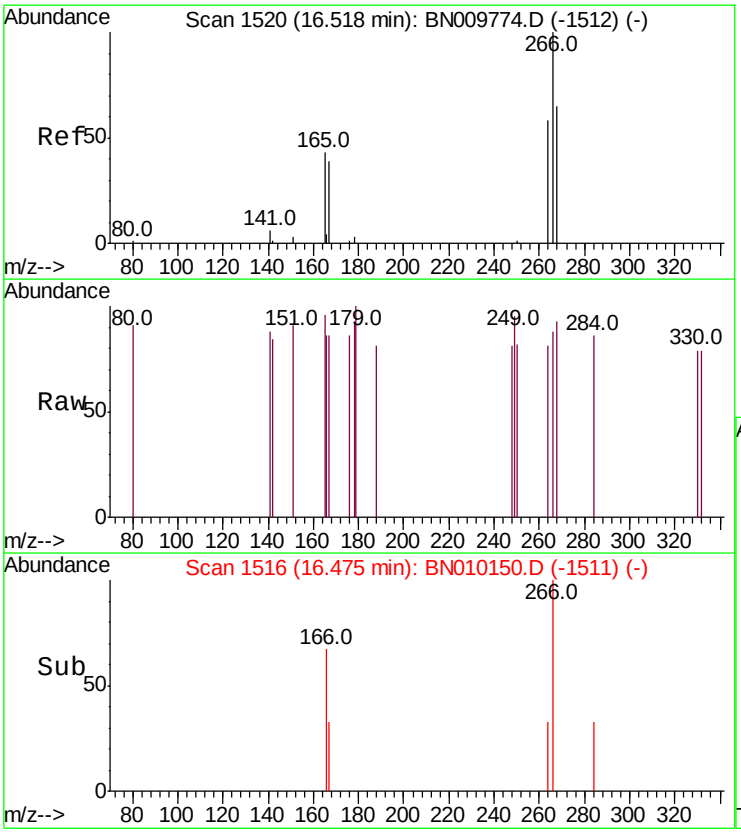
#20
4-Bromophenyl-phenylether
Concen: Below Cal
RT: 16.01 min Scan# 1472
Delta R.T. -0.01 min
Lab File: BN010150.D
Acq: 09 Mar 2020 18:07

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:248 Resp: 91

Ion	Ratio	Lower	Upper
248	100		
250	100.0	76.2	114.4
141	106.3	57.8	86.6#

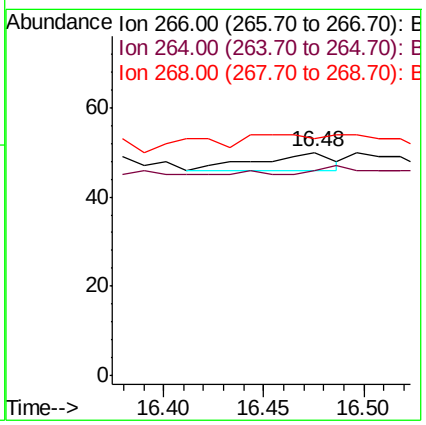


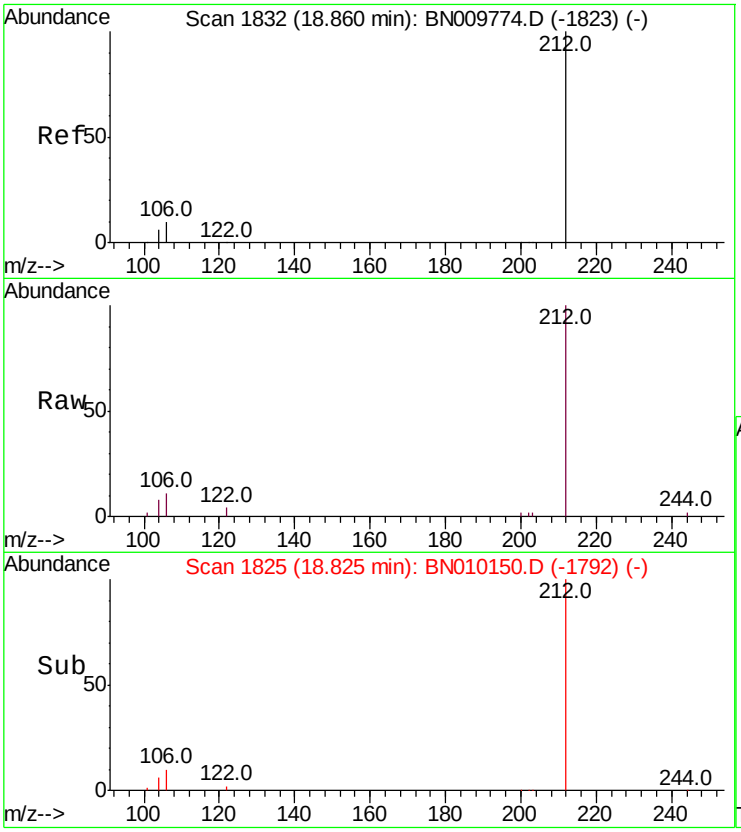


#22
Pentachlorophenol
Concen: 0.189 ng
RT: 16.48 min Scan# 1516
Delta R.T. -0.04 min
Lab File: BN010150.D
Acq: 09 Mar 2020 18:07

Tgt Ion:266 Resp: 10

Ion	Ratio	Lower	Upper
266	100		
264	92.0	58.1	87.1#
268	106.0	65.7	98.5#



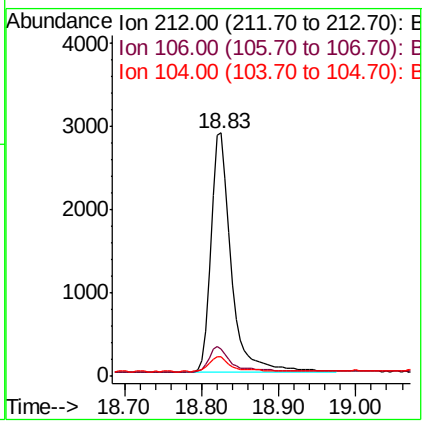


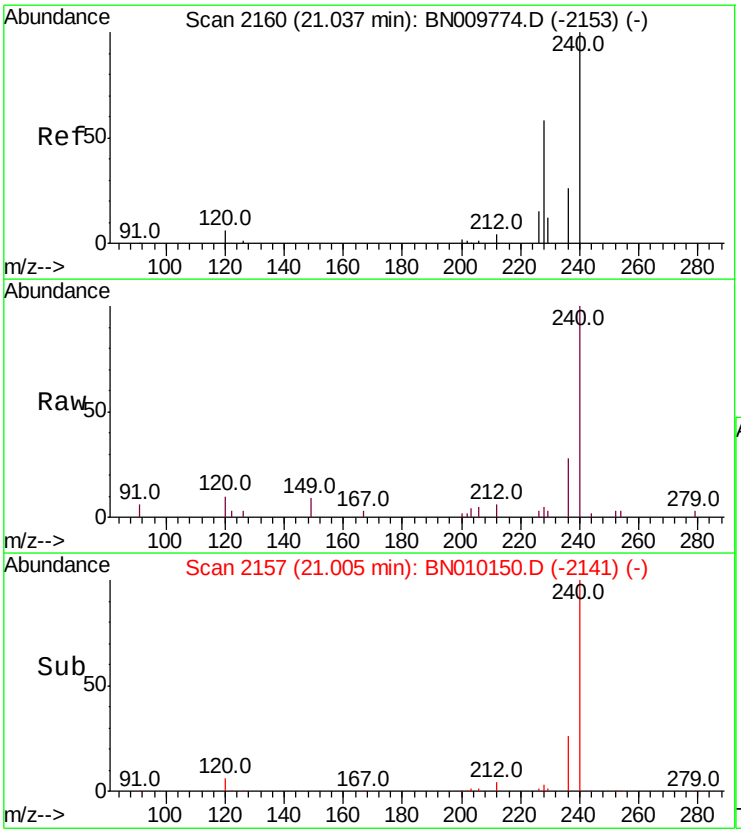
#25
Fluoranthene-d10
Concen: 0.325 ng
RT: 18.83 min Scan# 1825
Delta R.T. -0.03 min
Lab File: BN010150.D
Acq: 09 Mar 2020 18:07

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:212 Resp: 5267

Ion	Ratio	Lower	Upper
212	100		
106	12.5	8.4	12.6
104	6.9	4.8	7.2

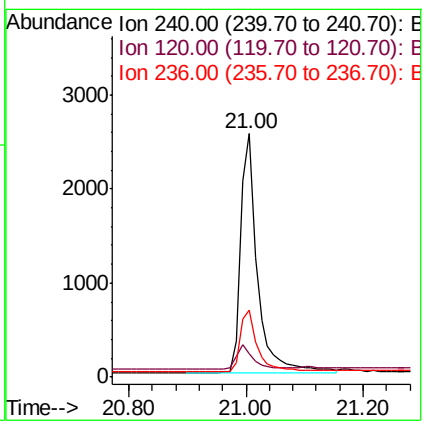


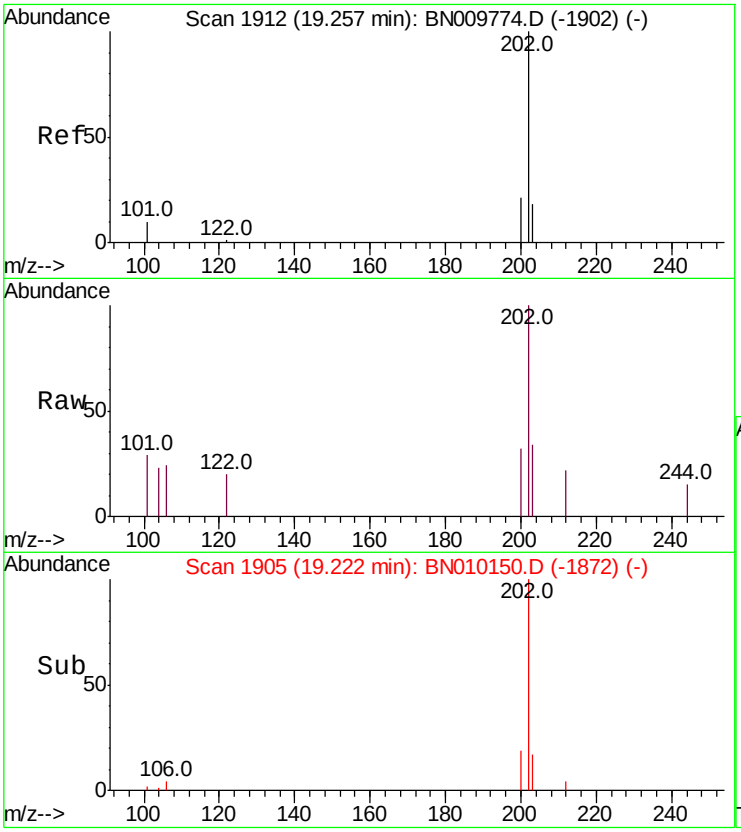


#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.00 min Scan# 2157
Delta R.T. -0.03 min
Lab File: BN010150.D
Acq: 09 Mar 2020 18:07

Tgt Ion:240 Resp: 4968

Ion	Ratio	Lower	Upper
240	100		
120	9.5	7.9	11.9
236	27.5	22.0	33.0



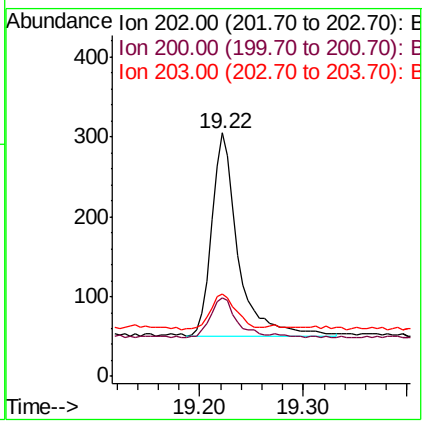


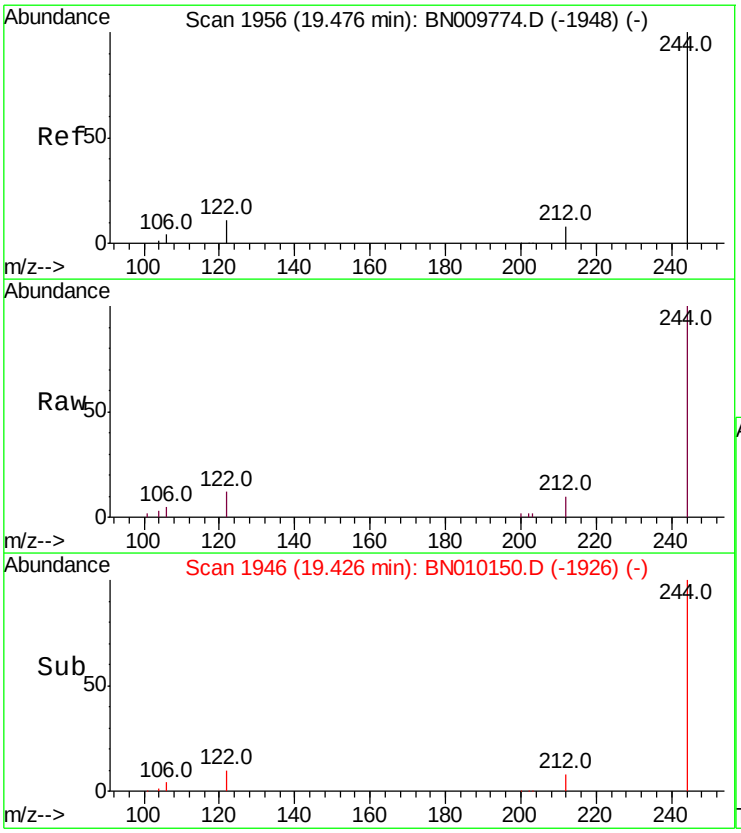
#28
Pyrene
Concen: 0.024 ng
RT: 19.22 min Scan# 1905
Delta R.T. -0.03 min
Lab File: BN010150.D
Acq: 09 Mar 2020 18:07

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:202 Resp: 444

Ion	Ratio	Lower	Upper
202	100		
200	19.4	16.4	24.6
203	17.3	13.9	20.9

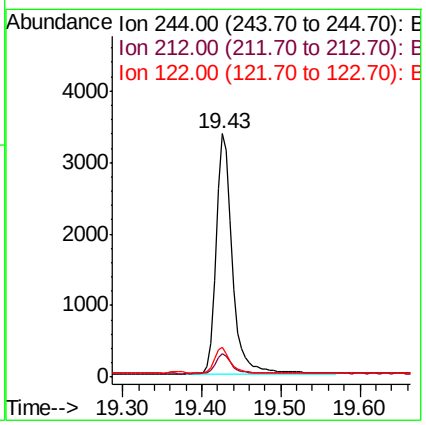


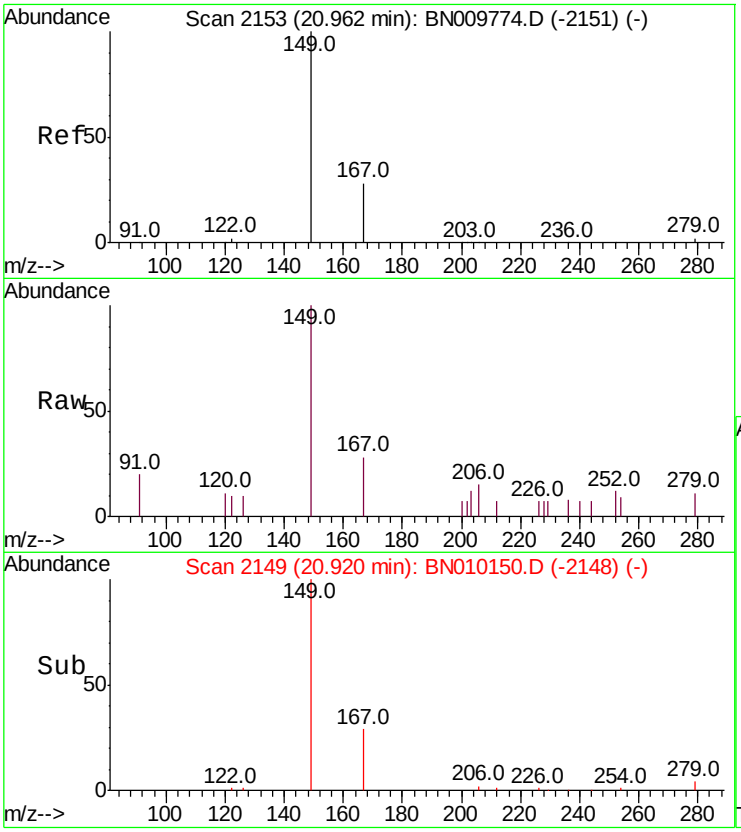


#29
Terphenyl-d14
Concen: 0.412 ng
RT: 19.43 min Scan# 1946
Delta R.T. -0.05 min
Lab File: BN010150.D
Acq: 09 Mar 2020 18:07

Tgt Ion:244 Resp: 4889

Ion	Ratio	Lower	Upper
244	100		
212	9.5	8.0	12.0
122	12.0	10.0	15.0



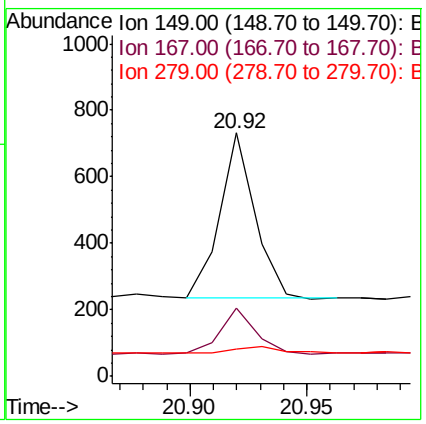


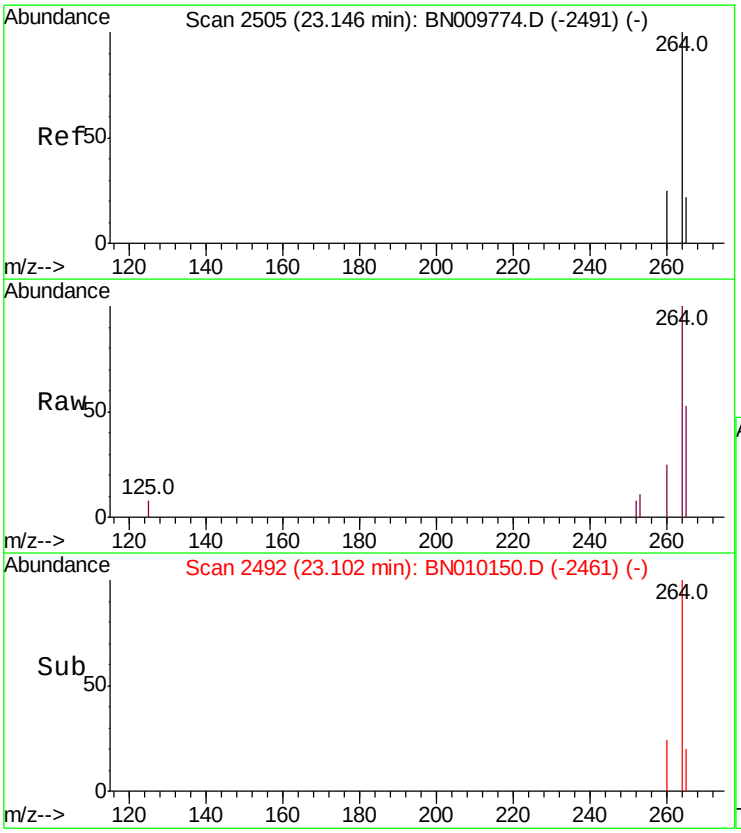
#32
Bis(2-ethylhexyl)phthalate
Concen: 0.064 ng
RT: 20.92 min Scan# 2149
Delta R.T. -0.04 min
Lab File: BN010150.D
Acq: 09 Mar 2020 18:07

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:149 Resp: 514

Ion	Ratio	Lower	Upper
149	100		
167	26.8	22.7	34.1
279	6.2	3.1	4.7#

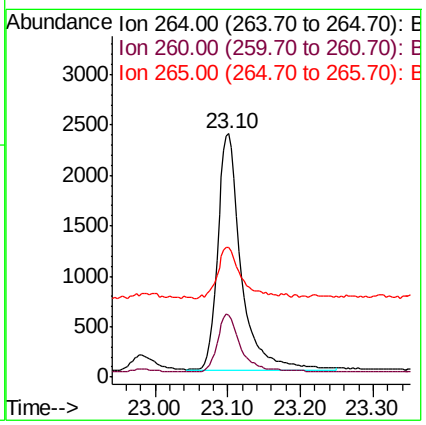


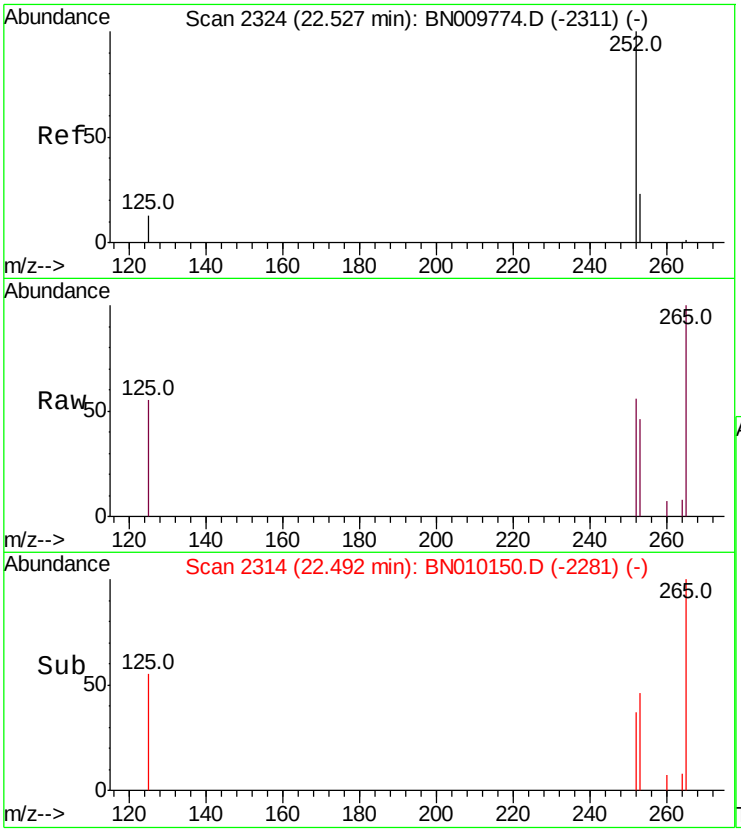


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.10 min Scan# 2492
Delta R.T. -0.04 min
Lab File: BN010150.D
Acq: 09 Mar 2020 18:07

Tgt Ion:264 Resp: 5265

Ion	Ratio	Lower	Upper
264	100		
260	25.5	21.1	31.7
265	53.1	57.5	86.3#



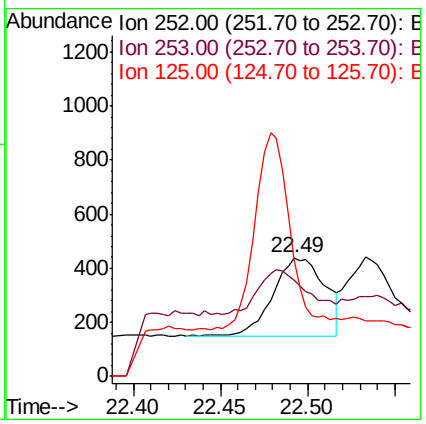


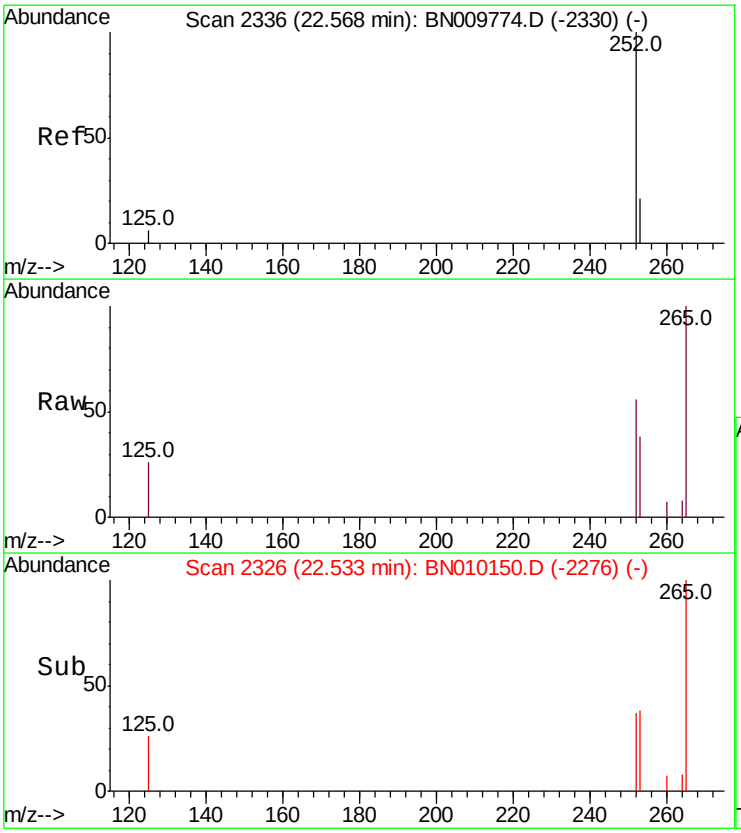
#35
Benzo(b)fluoranthene
Concen: 0.032 ng
RT: 22.49 min Scan# 2314
Delta R.T. -0.03 min
Lab File: BN010150.D
Acq: 09 Mar 2020 18:07

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 619

Ion	Ratio	Lower	Upper
252	100		
253	81.5	23.0	34.6#
125	98.6	14.4	21.6#

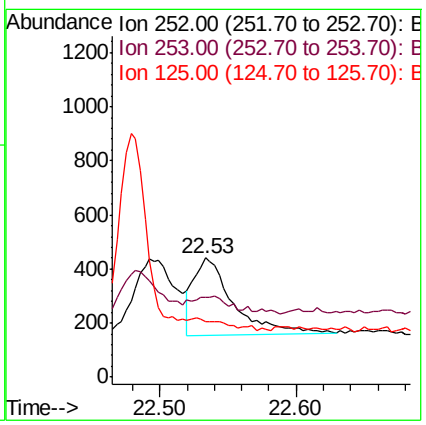


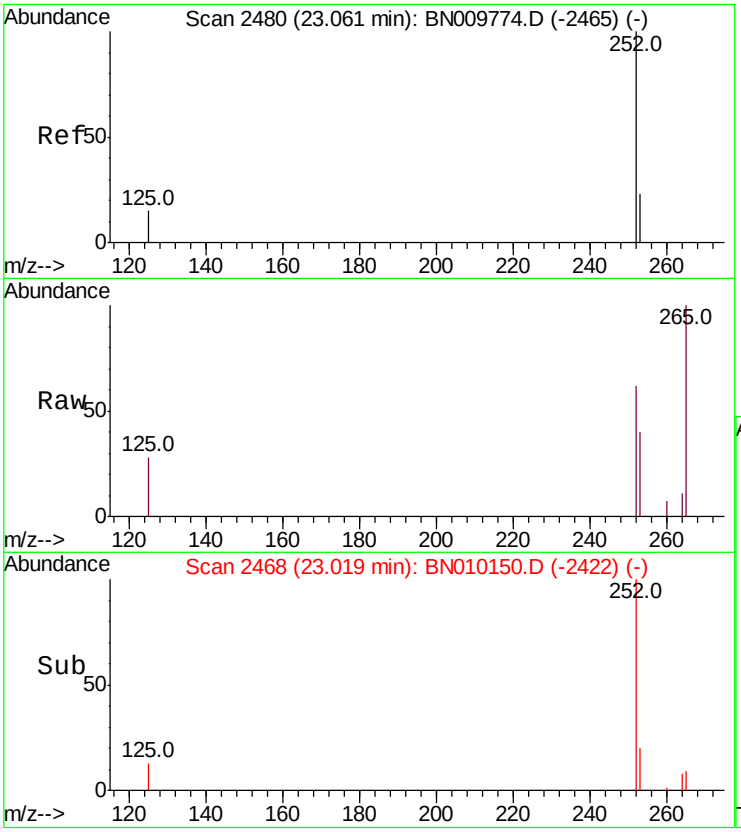


#36
Benzo(k)fluoranthene
Concen: 0.027 ng
RT: 22.53 min Scan# 2326
Delta R.T. -0.03 min
Lab File: BN010150.D
Acq: 09 Mar 2020 18:07

Tgt Ion:252 Resp: 570

Ion	Ratio	Lower	Upper
252	100		
253	67.1	22.2	33.2#
125	46.5	10.5	15.7#



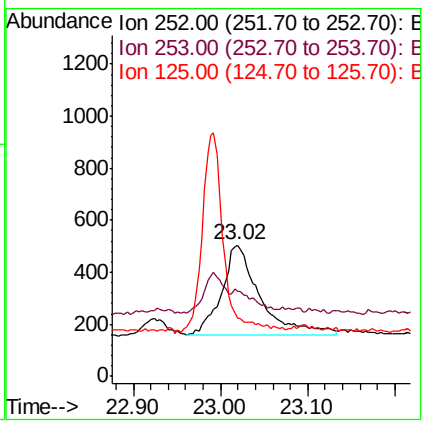


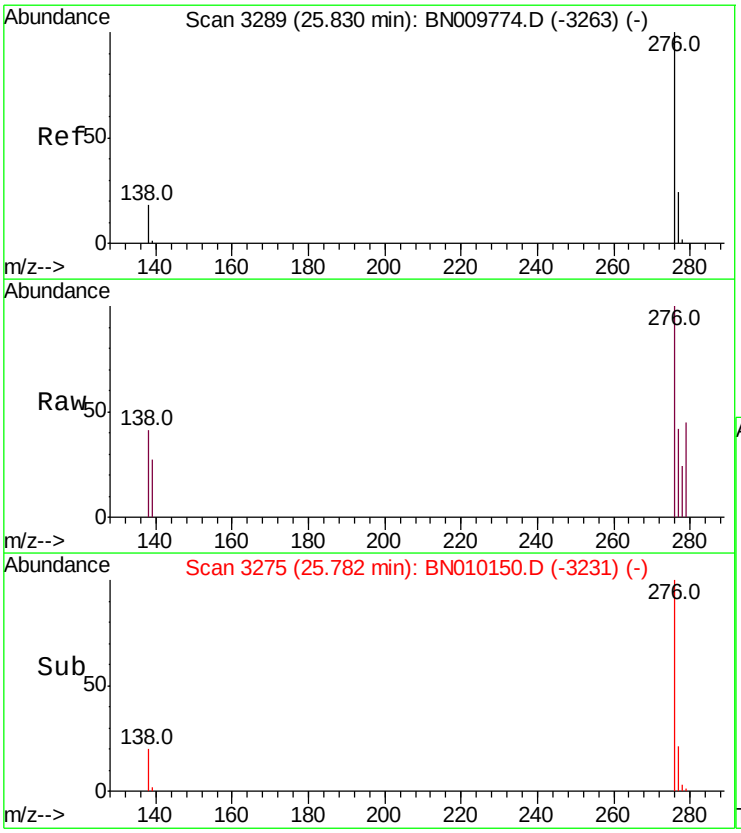
#37
Benzo(a)pyrene
Concen: 0.061 ng
RT: 23.02 min Scan# 2468
Delta R.T. -0.04 min
Lab File: BN010150.D
Acq: 09 Mar 2020 18:07

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 1067

Ion	Ratio	Lower	Upper
252	100		
253	64.9	25.3	37.9#
125	44.6	17.7	26.5#





#39
Benzo(g,h,i)perylene
Concen: 0.041 ng
RT: 25.78 min Scan# 3275
Delta R.T. -0.05 min
Lab File: BN010150.D
Acq: 09 Mar 2020 18:07

Tgt Ion:276 Resp: 751

Ion	Ratio	Lower	Upper
276	100		
277	42.0	21.4	32.0#
138	41.2	16.6	24.8#