Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN031820\
Data File : BN010271.D
Acq On : 18 Mar 2020 19:44
Operator : CG/JU
Sample : L1903-21DL 2X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : RE103D1-20200310DL

Quant Time: Mar 19 01:13:52 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN031320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 16 02:17:23 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	3588	0.40	ng	0.00
7) Naphthalene-d8	10.38	136	12477	0.40	ng	-0.01
13) Acenaphthene-d10	14.25	164	7601	0.40	ng	-0.01
19) Phenanthrene-d10	16.99	188	18480	0.40	ng	-0.01
27) Chrysene-d12	21.19	240	18410	0.40	ng	-0.01
34) Perylene-d12	23.35	264	20199	0.40	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.26	112	546	0.06	ng	0.00
5) Phenol-d6	6.81	99	423	0.04	ng	0.00
8) Nitrobenzene-d5	8.76	82	2149	0.29	ng	-0.01
11) 2-Methylnaphthalene-d10	11.97	152	2954	0.14	ng	-0.02
14) 2,4,6-Tribromophenol	15.73	330	441	0.16	ng	-0.02
15) 2-Fluorobiphenyl	12.86	172	8819	0.33	ng	-0.01
25) Fluoranthene-d10	19.02	212	8918	0.16	ng	-0.01
29) Terphenyl-d14	19.63	244	12781	0.30	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.26	88	9064	2.589	ng	# 52
3) n-Nitrosodimethylamine	3.55	42	73	0.024	ng	# 30
32) Bis(2-ethylhexyl)phthalate	21.13	149	1181	0.044	ng	# 95

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

Quantitation Report (Not Reviewed)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 16 02:17:23 2020
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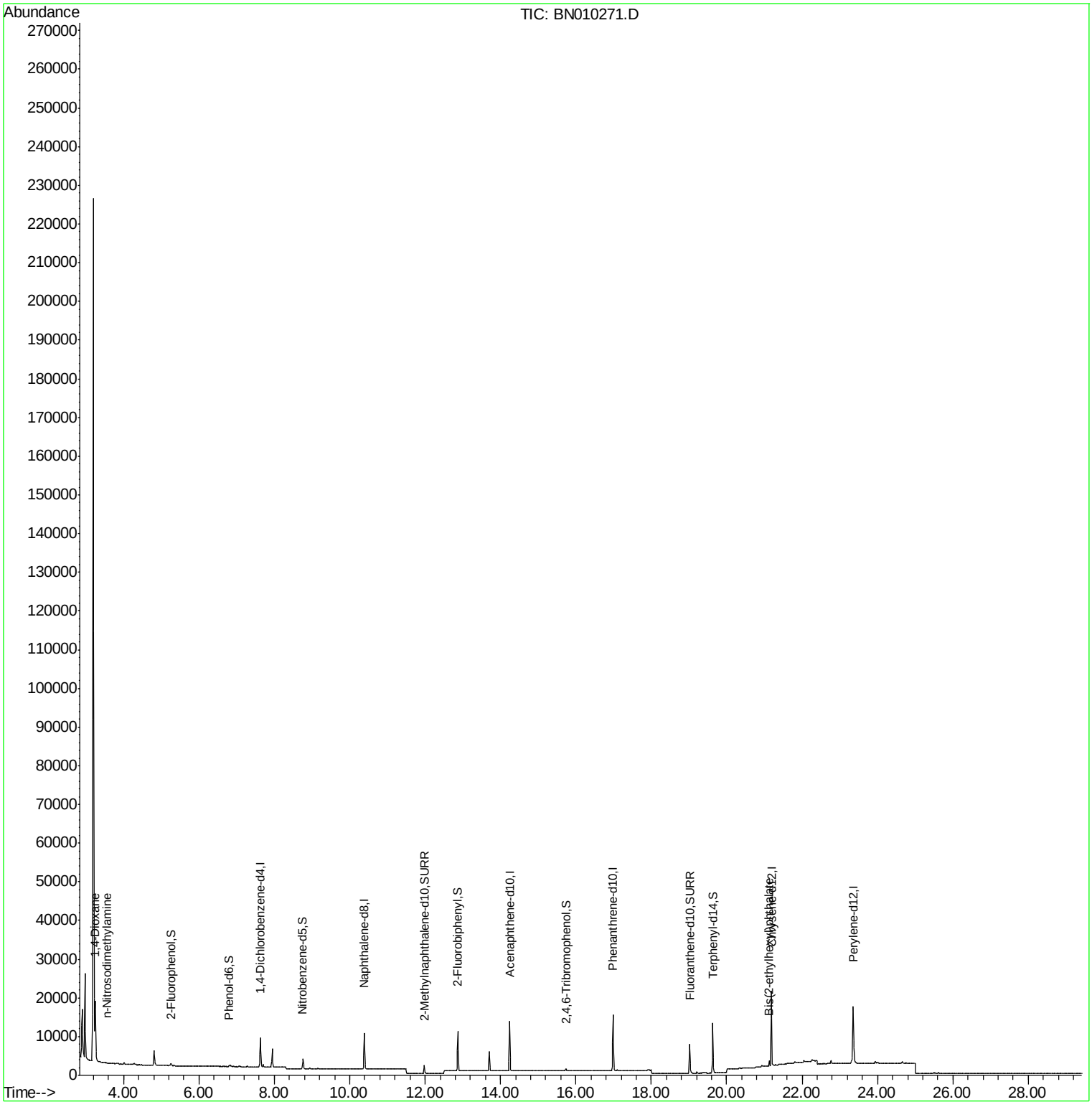
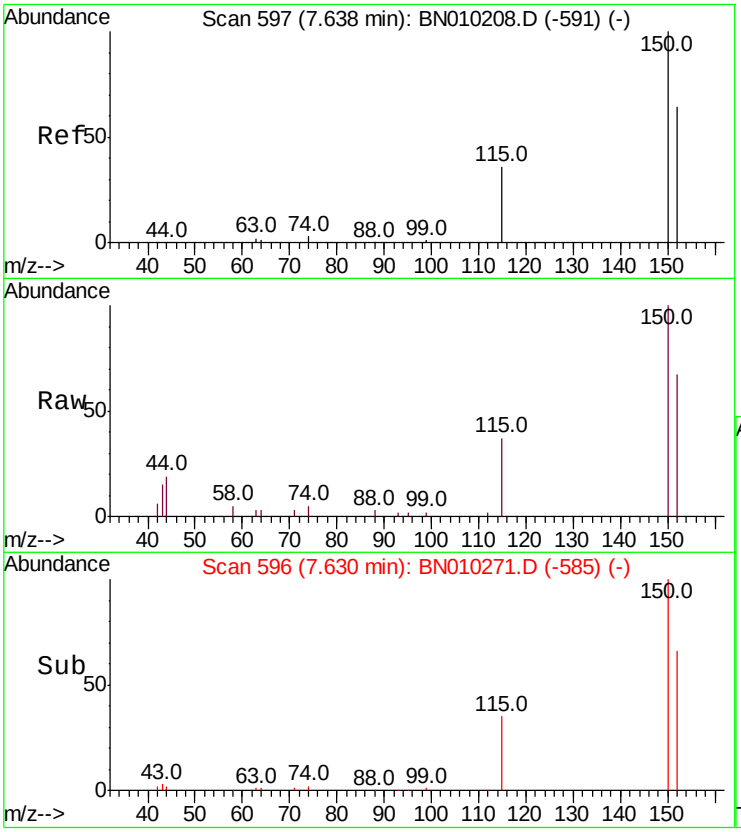


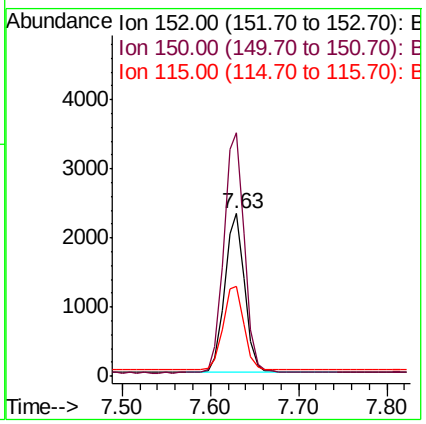


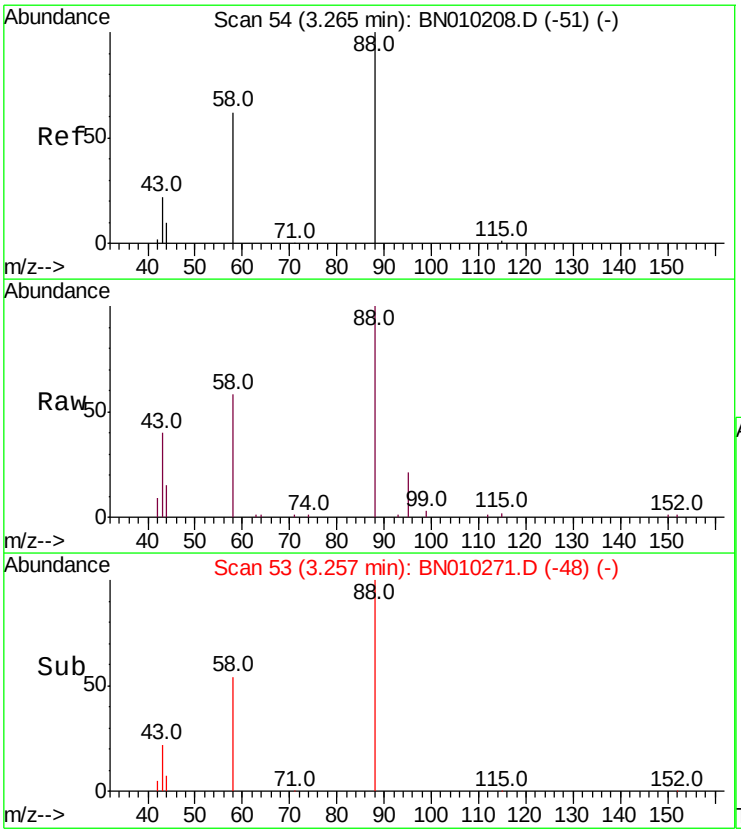
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.63 min Scan# 596
Delta R.T. -0.01 min
Lab File: BN010271.D
Acq: 18 Mar 2020 19:44

Instrument :
BNA_N
ClientSampleId :
RE103D1-20200310DL

Tgt Ion:152 Resp: 3588

Ion	Ratio	Lower	Upper
152	100		
150	149.5	119.5	179.3
115	55.5	50.9	76.3

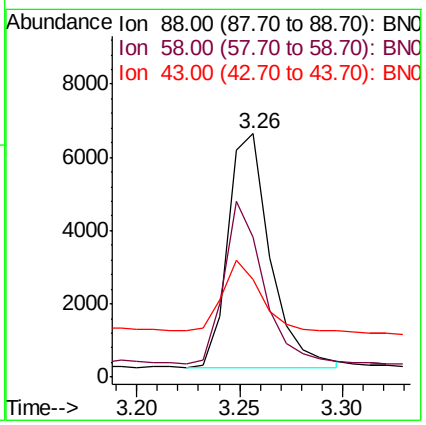


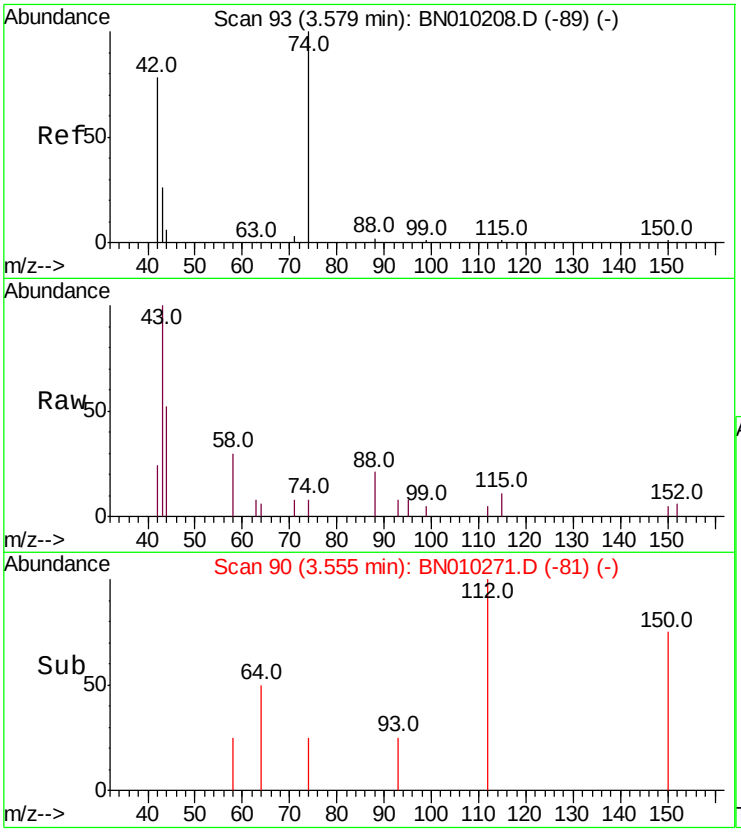


#2
1,4-Dioxane
Concen: 2.589 ng
RT: 3.26 min Scan# 53
Delta R.T. -0.01 min
Lab File: BN010271.D
Acq: 18 Mar 2020 19:44

Tgt Ion: 88 Resp: 9064

Ion	Ratio	Lower	Upper
88	100		
58	64.6	97.8	146.8#
43	27.0	45.1	67.7#



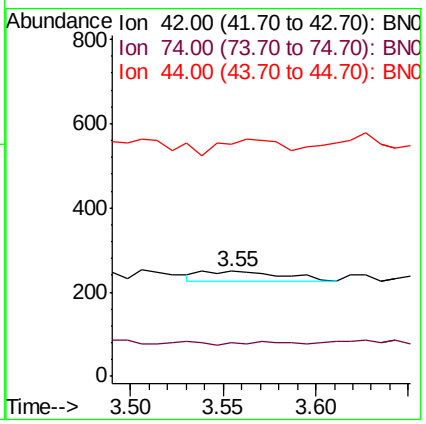


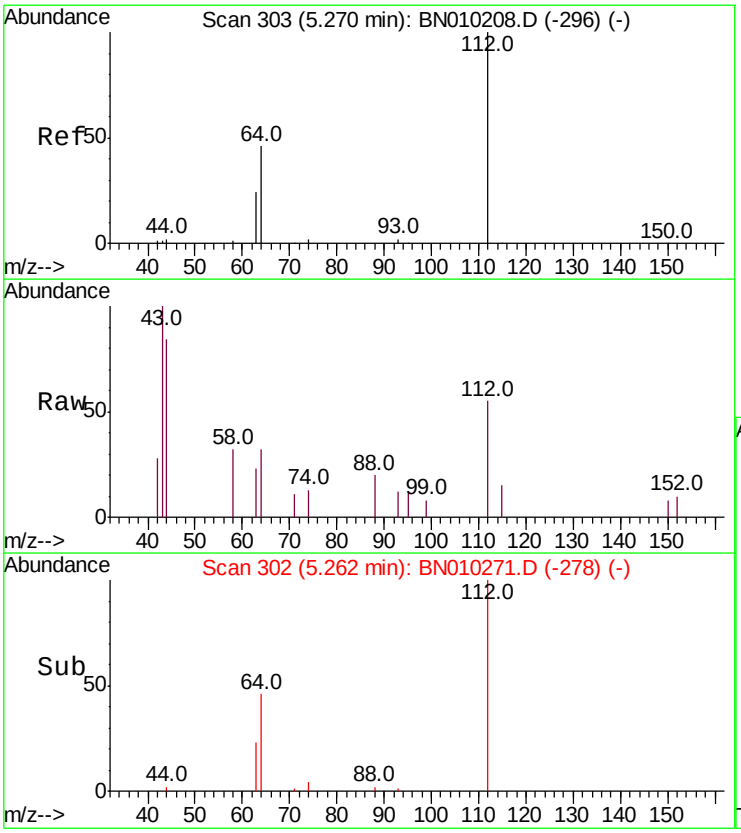
#3
n-Nitrosodimethylamine
Concen: 0.024 ng
RT: 3.55 min Scan# 90
Delta R.T. -0.02 min
Lab File: BN010271.D
Acq: 18 Mar 2020 19:44

Instrument :
BNA_N
ClientSampleId :
RE103D1-20200310DL

Tgt Ion: 42 Resp: 73

Ion	Ratio	Lower	Upper
42	100		
74	20.5	51.2	76.8#
44	117.8	2.6	4.0#

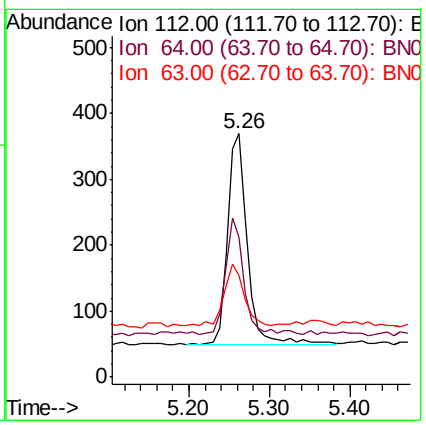


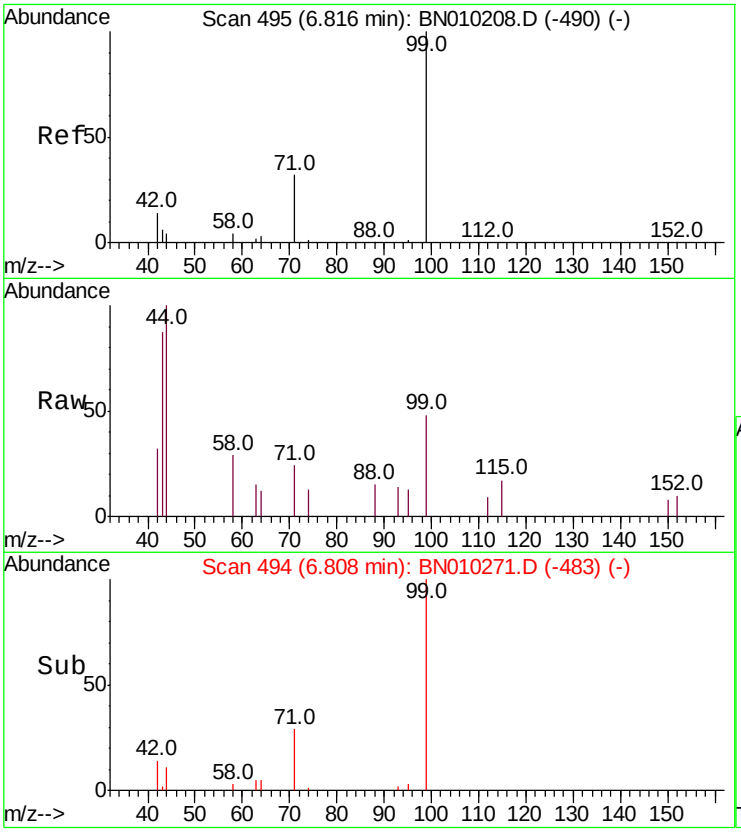


#4
2-Fluorophenol
Concen: 0.065 ng
RT: 5.26 min Scan# 302
Delta R.T. -0.01 min
Lab File: BN010271.D
Acq: 18 Mar 2020 19:44

Tgt Ion:112 Resp: 546

Ion	Ratio	Lower	Upper
112	100		
64	51.1	42.6	63.8
63	32.1	23.6	35.4



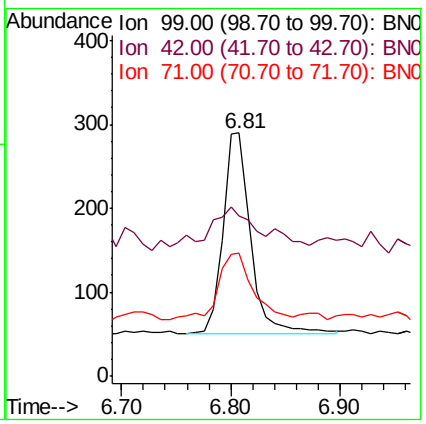


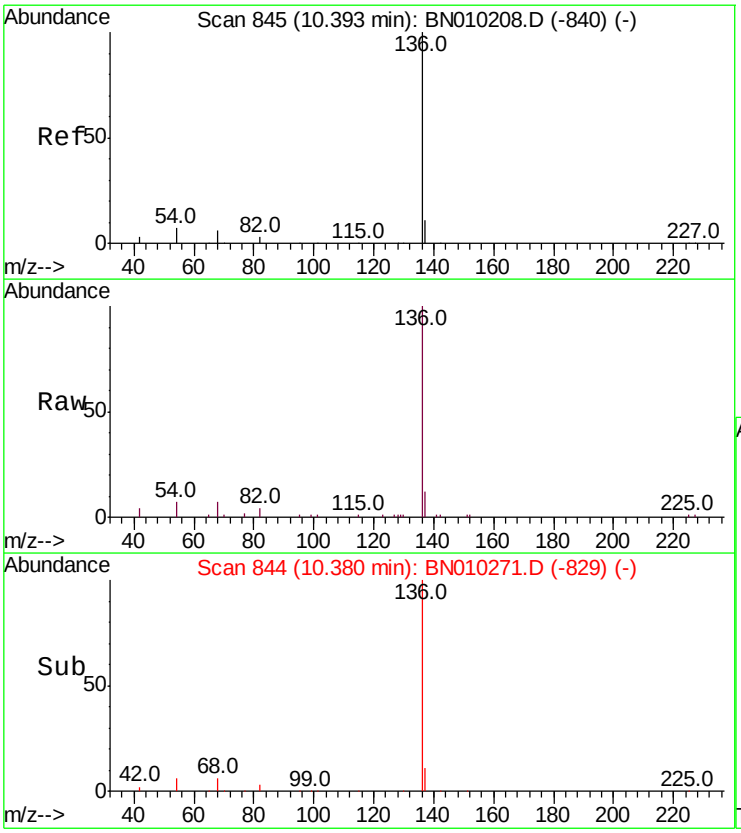
#5
Phenol-d6
Concen: 0.040 ng
RT: 6.81 min Scan# 494
Delta R.T. -0.01 min
Lab File: BN010271.D
Acq: 18 Mar 2020 19:44

Instrument :
BNA_N
ClientSampleId :
RE103D1-20200310DL

Tgt Ion: 99 Resp: 423

Ion	Ratio	Lower	Upper
99	100		
42	35.5	12.0	18.0#
71	42.3	22.6	33.8#

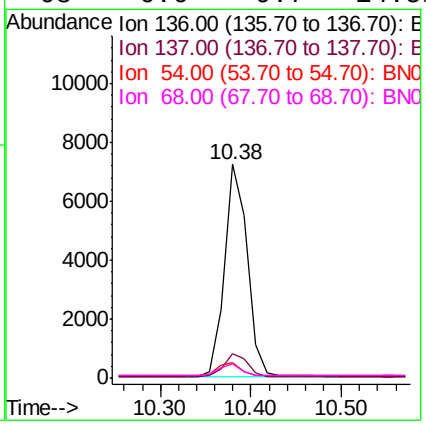


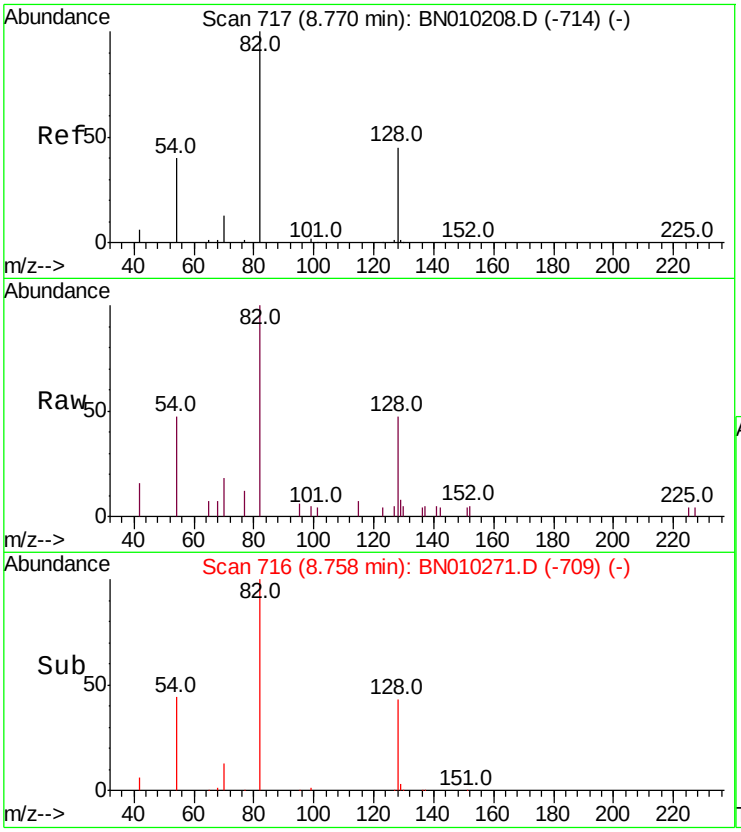


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.38 min Scan# 844
Delta R.T. -0.01 min
Lab File: BN010271.D
Acq: 18 Mar 2020 19:44

Tgt Ion:136 Resp: 12477

Ion	Ratio	Lower	Upper
136	100		
137	11.6	10.6	15.8
54	7.4	9.5	14.3#
68	6.6	9.7	14.5#



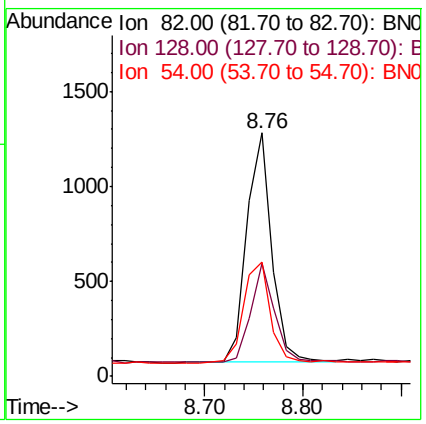


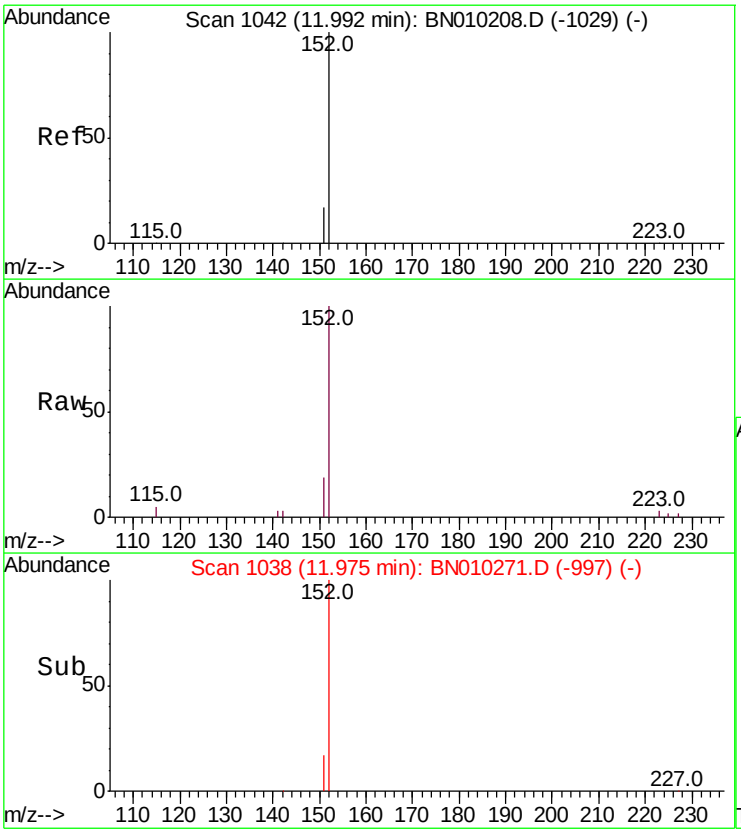
#8
Nitrobenzene-d5
Concen: 0.287 ng
RT: 8.76 min Scan# 716
Delta R.T. -0.01 min
Lab File: BN010271.D
Acq: 18 Mar 2020 19:44

Instrument :
BNA_N
ClientSampleId :
RE103D1-20200310DL

Tgt Ion: 82 Resp: 2149

Ion	Ratio	Lower	Upper
82	100		
128	46.6	35.0	52.6
54	47.0	37.0	55.4

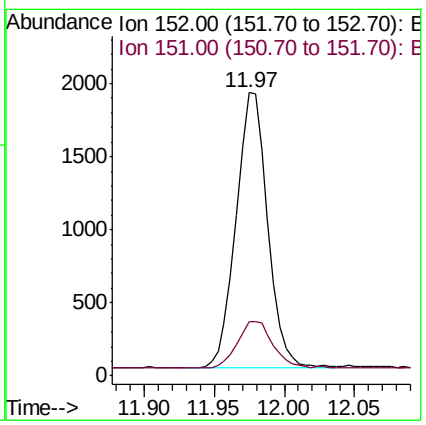


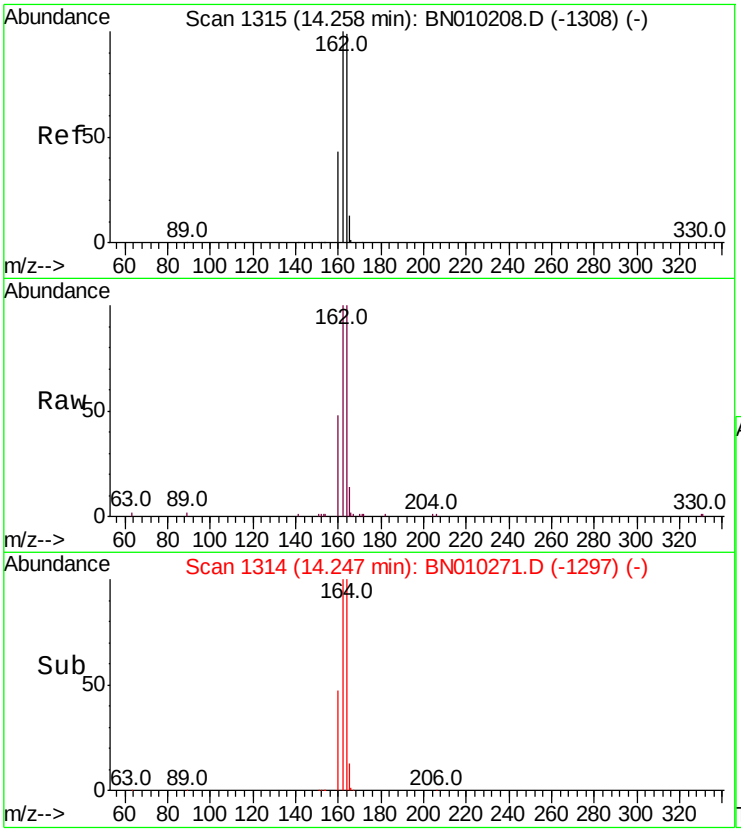


#11
2-Methylnaphthalene-d10
Concen: 0.143 ng
RT: 11.97 min Scan# 1038
Delta R.T. -0.02 min
Lab File: BN010271.D
Acq: 18 Mar 2020 19:44

Tgt Ion:152 Resp: 2954

Ion	Ratio	Lower	Upper
152	100		
151	18.9	15.0	22.6



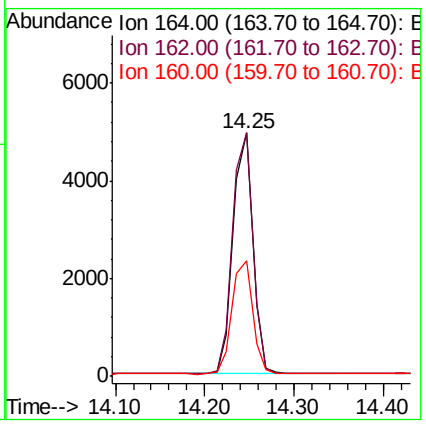


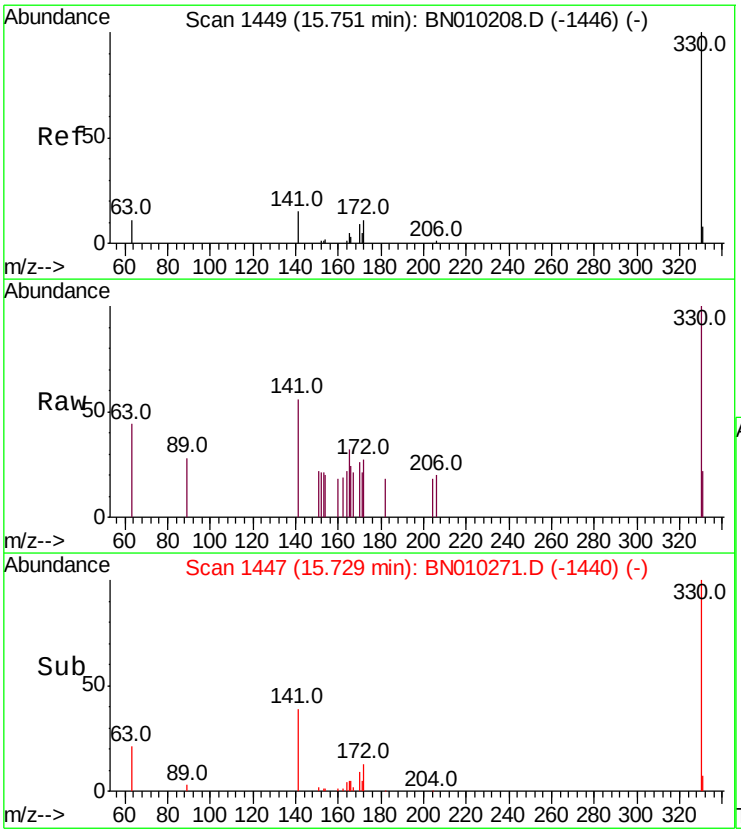
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.25 min Scan# 1314
Delta R.T. -0.01 min
Lab File: BN010271.D
Acq: 18 Mar 2020 19:44

Instrument :
BNA_N
ClientSampleId :
RE103D1-20200310DL

Tgt Ion:164 Resp: 7601

Ion	Ratio	Lower	Upper
164	100		
162	99.9	81.0	121.4
160	47.6	35.6	53.4

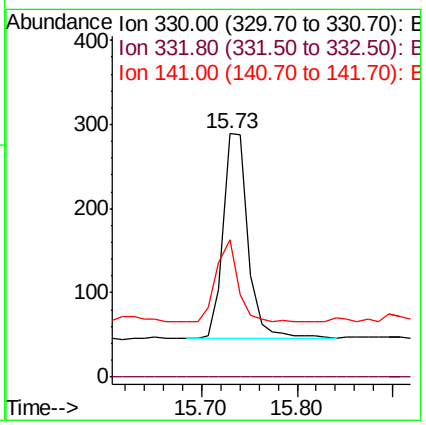


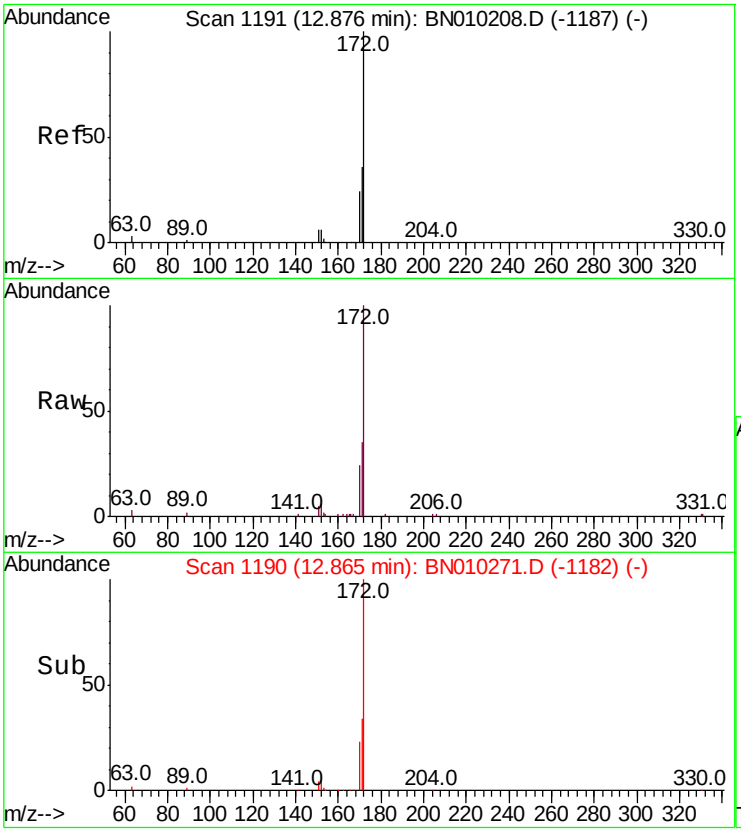


#14
2,4,6-Tribromophenol
Concen: 0.162 ng
RT: 15.73 min Scan# 1447
Delta R.T. -0.02 min
Lab File: BN010271.D
Acq: 18 Mar 2020 19:44

Tgt Ion:330 Resp: 441

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	35.4	25.1	37.7



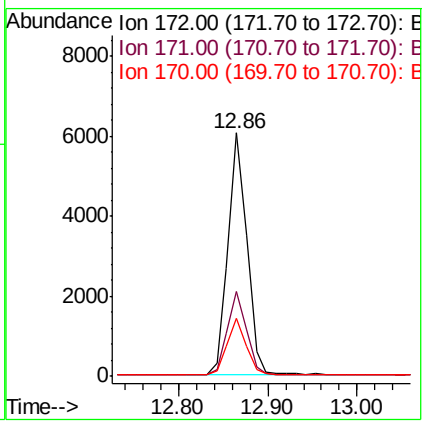


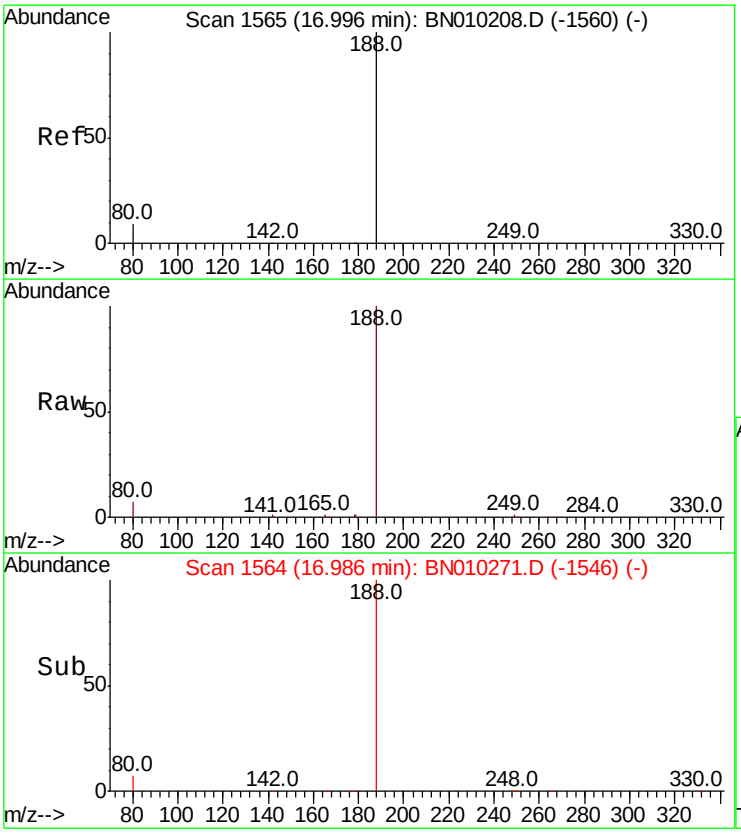
#15
2-Fluorobiphenyl
Concen: 0.326 ng
RT: 12.86 min Scan# 1190
Delta R.T. -0.01 min
Lab File: BN010271.D
Acq: 18 Mar 2020 19:44

Instrument :
BNA_N
ClientSampleId :
RE103D1-20200310DL

Tgt Ion:172 Resp: 8819

Ion	Ratio	Lower	Upper
172	100		
171	34.7	29.4	44.2
170	23.7	20.2	30.4

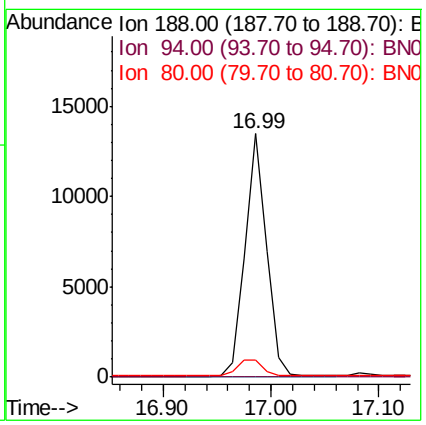


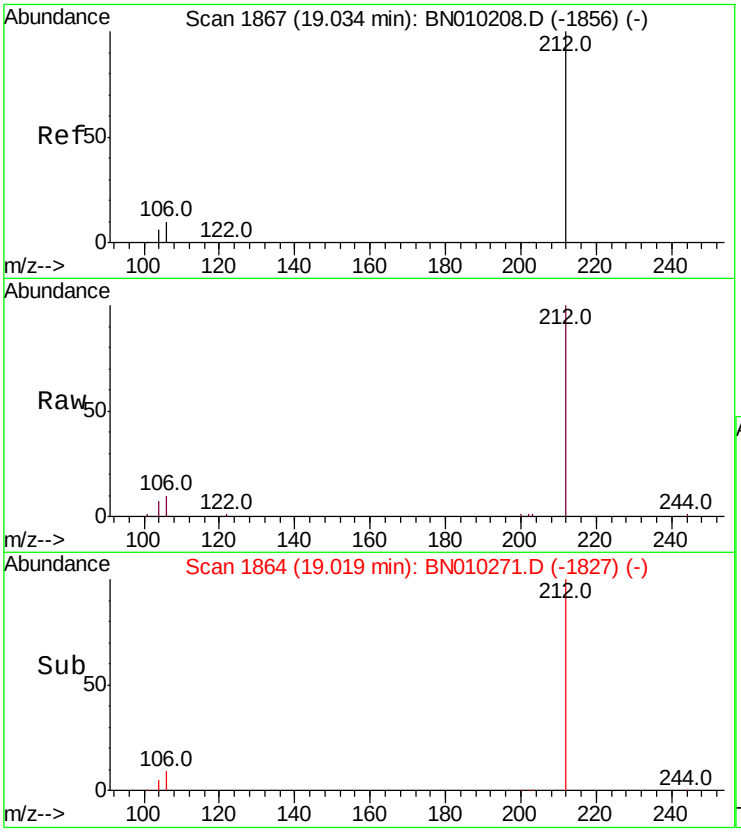


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.99 min Scan# 1564
Delta R.T. -0.01 min
Lab File: BN010271.D
Acq: 18 Mar 2020 19:44

Tgt Ion:188 Resp: 18480

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	7.2	8.6	12.8#



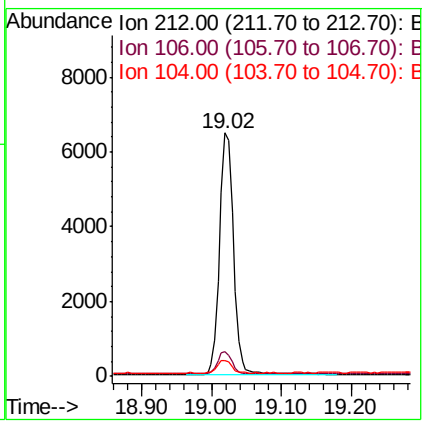


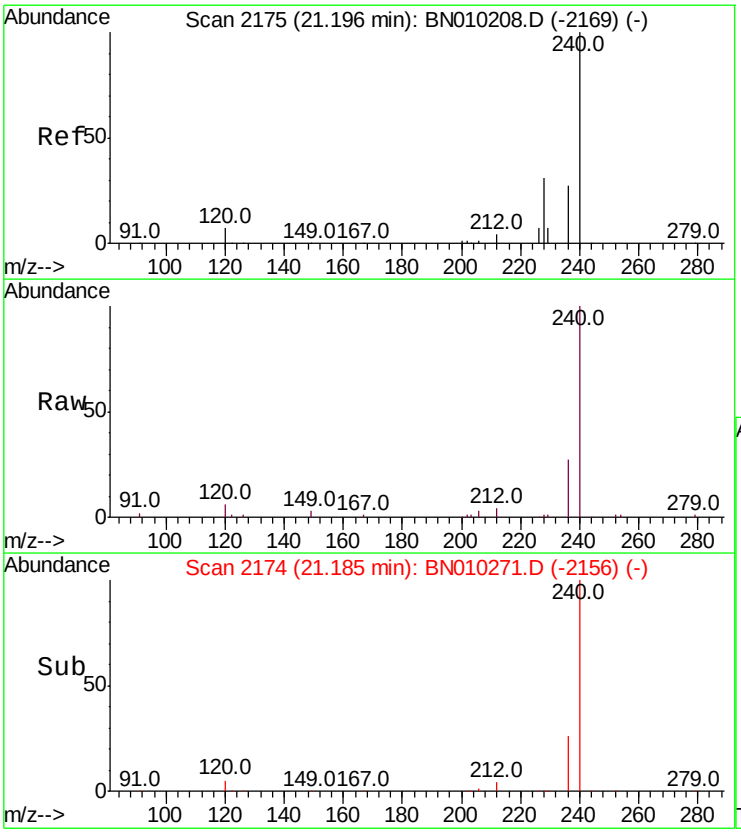
#25
Fluoranthene-d10
Concen: 0.156 ng
RT: 19.02 min Scan# 1864
Delta R.T. -0.01 min
Lab File: BN010271.D
Acq: 18 Mar 2020 19:44

Instrument :
BNA_N
ClientSampleId :
RE103D1-20200310DL

Tgt Ion:212 Resp: 8918

Ion	Ratio	Lower	Upper
212	100		
106	9.2	8.1	12.1
104	5.7	4.7	7.1

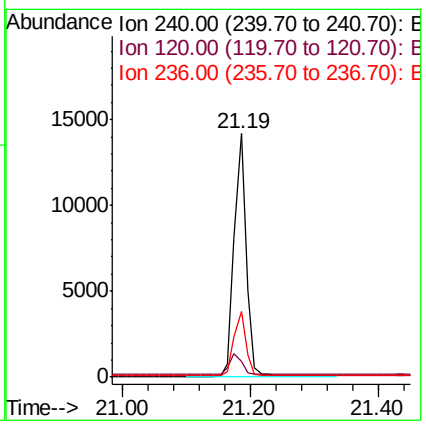


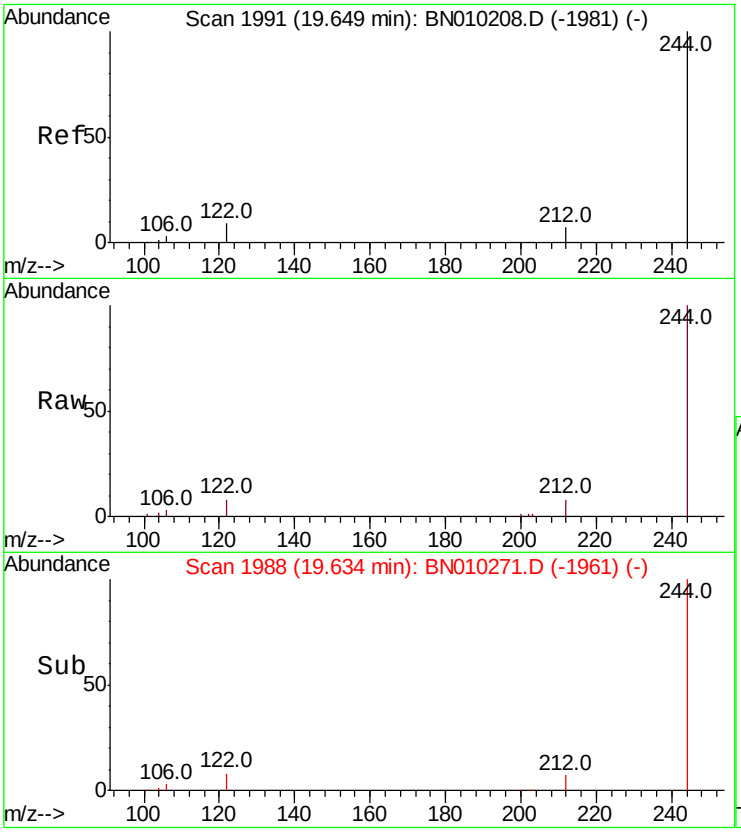


#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.19 min Scan# 2174
Delta R.T. -0.01 min
Lab File: BN010271.D
Acq: 18 Mar 2020 19:44

Tgt Ion:240 Resp: 18410

Ion	Ratio	Lower	Upper
240	100		
120	6.5	7.7	11.5#
236	26.8	21.8	32.6



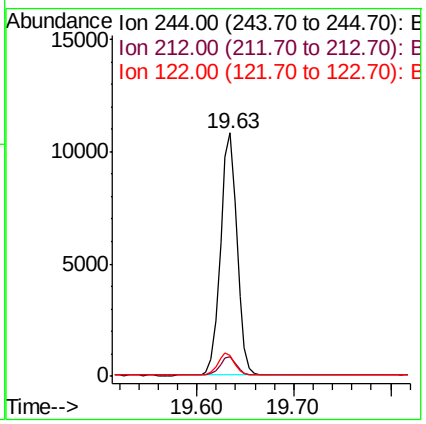


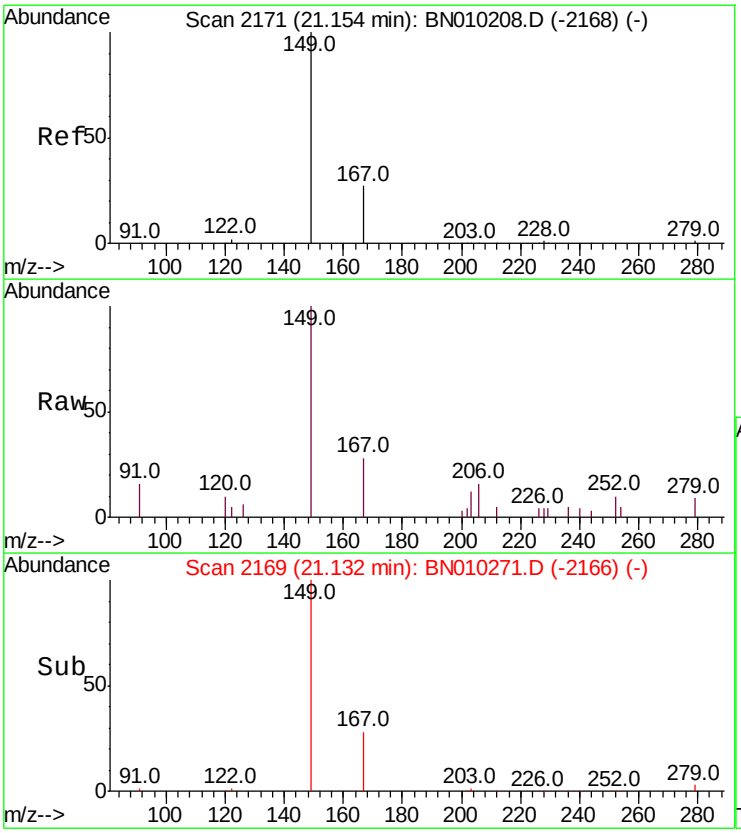
#29
Terphenyl-d14
Concen: 0.304 ng
RT: 19.63 min Scan# 1988
Delta R.T. -0.01 min
Lab File: BN010271.D
Acq: 18 Mar 2020 19:44

Instrument :
BNA_N
ClientSampleId :
RE103D1-20200310DL

Tgt Ion:244 Resp: 12781

Ion	Ratio	Lower	Upper
244	100		
212	7.9	6.4	9.6
122	8.4	8.1	12.1

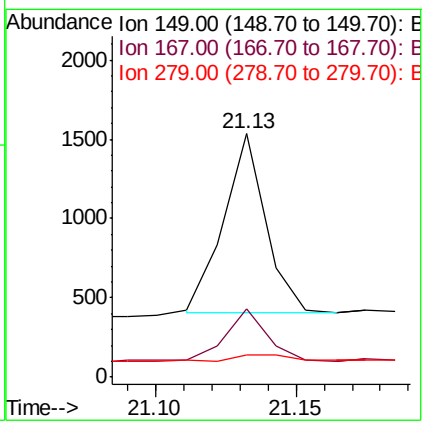


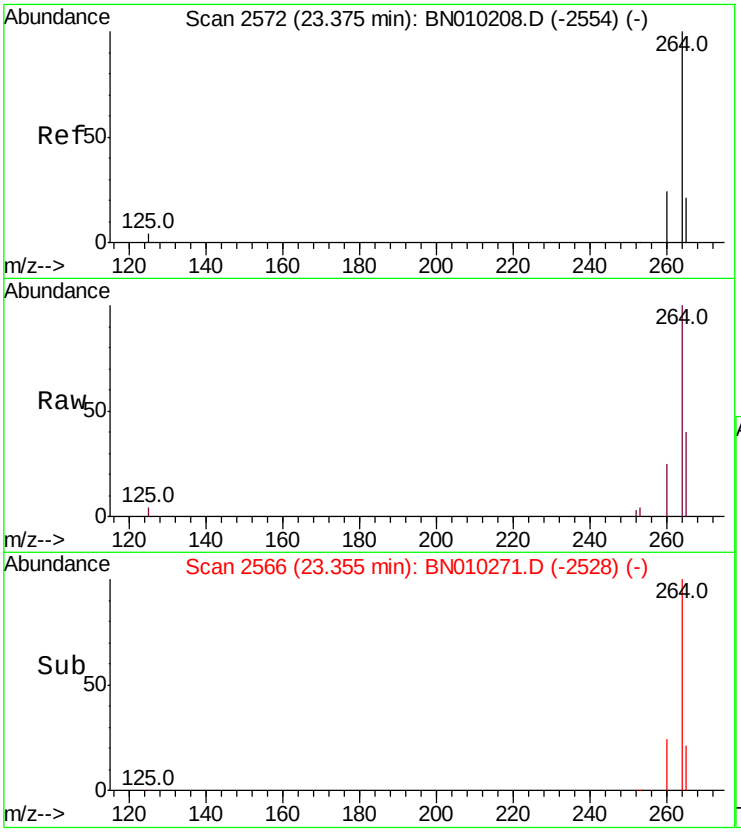


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.044 ng
RT: 21.13 min Scan# 2169
Delta R.T. -0.02 min
Lab File: BN010271.D
Acq: 18 Mar 2020 19:44

Tgt Ion:149 Resp: 1181

Ion	Ratio	Lower	Upper
149	100		
167	28.5	21.0	31.4
279	5.8	3.1	4.7#





#34
Perylene-d12
Concen: 0.400 ng
RT: 23.35 min Scan# 2566
Delta R.T. -0.02 min
Lab File: BN010271.D
Acq: 18 Mar 2020 19:44

Instrument :
BNA_N
ClientSampleId :
RE103D1-20200310DL

Tgt Ion:264 Resp: 20199

Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.7	29.5
265	39.9	25.8	38.6#